

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121824\  
 Data File : BF140910.D  
 Acq On : 18 Dec 2024 17:12  
 Operator : RC/JU  
 Sample : P5277-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1AMSD

Quant Time: Dec 18 18:05:21 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     | 6.845  | 152  | 72196    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 286565   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 159772   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 297605   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 174501   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.510 | 264  | 150856   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 412800   | 94.125  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 584421   | 100.609 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 364156   | 63.578  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 187973   | 99.475  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 756115   | 65.064  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 791563   | 71.529  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.652  | 88   | 63566    | 33.650  | ng    | 98       |
| 3) Pyridine                   | 3.434  | 79   | 165834   | 37.907  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 81857    | 37.116  | ng    | 94       |
| 6) Aniline                    | 6.516  | 93   | 183874   | 37.022  | ng    | # 77     |
| 8) 2-Chlorophenol             | 6.645  | 128  | 237885   | 49.740  | ng    | 100      |
| 9) Benzaldehyde               | 6.404  | 77   | 50112    | 15.569  | ng    | 98       |
| 10) Phenol                    | 6.516  | 94   | 311927   | 51.811  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 216229   | 48.160  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 238285   | 43.725  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 250496   | 45.283  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 243317   | 46.619  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 224390   | 54.026  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 258176   | 48.813  | ng    | 86       |
| 17) 2-Methylphenol            | 7.116  | 107  | 185495   | 48.580  | ng    | 98       |
| 18) Hexachloroethane          | 7.351  | 117  | 90163    | 43.782  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 173646   | 49.835  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 261175   | 51.583  | ng    | # 76     |
| 22) Acetophenone              | 7.263  | 105  | 338097   | 47.164  | ng    | 96       |
| 24) Nitrobenzene              | 7.434  | 77   | 253408   | 43.186  | ng    | 96       |
| 25) Isophorone                | 7.675  | 82   | 441297   | 45.982  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 124090   | 45.916  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 178152   | 56.446  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 276025   | 46.049  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 206572   | 47.407  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 209439   | 41.929  | ng    | 100      |
| 31) Naphthalene               | 8.151  | 128  | 718593   | 45.650  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 119256   | 39.841  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 97796    | 18.706  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 141949   | 42.238  | ng    | 100      |
| 35) Caprolactam               | 8.592  | 113  | 64351m   | 49.607  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 222440   | 45.356  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 462320   | 44.399  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 438214   | 42.553  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 229788   | 46.792  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 85058    | 59.006  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.133  | 196  | 141737   | 47.136  | ng    | 99       |

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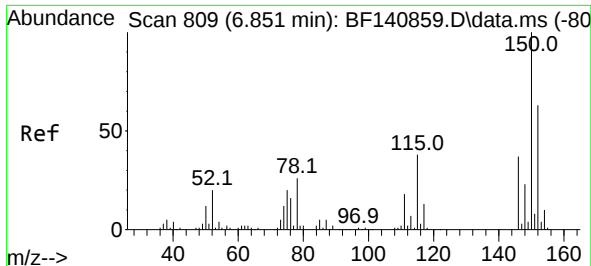
Quant Time: Dec 18 18:05:21 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 152471   | 46.132 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 604700   | 47.596 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 454352   | 46.747 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 145755   | 49.655 | ng    | 97       |
| 49) Acenaphthylene            | 9.751  | 152  | 729343   | 51.063 | ng    | 100      |
| 50) Dimethylphthalate         | 9.604  | 163  | 550494   | 48.871 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.681  | 165  | 120943   | 46.966 | ng    | 95       |
| 52) Acenaphthene              | 9.922  | 154  | 435991   | 47.786 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.851  | 138  | 71643    | 28.035 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 106643   | 84.477 | ng    | 96       |
| 55) Dibenzofuran              | 10.092 | 168  | 664321   | 46.988 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.039 | 139  | 114518   | 83.125 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 156673   | 46.241 | ng    | 99       |
| 58) Fluorene                  | 10.439 | 166  | 549228   | 47.089 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 134641   | 49.994 | ng    | 95       |
| 60) Diethylphthalate          | 10.304 | 149  | 542825   | 46.472 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 275805   | 47.074 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 121870   | 45.636 | ng    | 95       |
| 63) Azobenzene                | 10.586 | 77   | 571243   | 52.020 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 85133    | 50.482 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 480286   | 52.490 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 152167   | 45.704 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 171984   | 45.561 | ng    | 98       |
| 69) Atrazine                  | 11.075 | 200  | 151118   | 59.135 | ng    | 99       |
| 70) Pentachlorophenol         | 11.192 | 266  | 121877   | 88.310 | ng    | 98       |
| 71) Phenanthrene              | 11.404 | 178  | 767681   | 50.162 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 794007   | 52.683 | ng    | 99       |
| 73) Carbazole                 | 11.616 | 167  | 693535   | 46.980 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 849944   | 49.058 | ng    | 100      |
| 75) Fluoranthene              | 12.592 | 202  | 800765   | 45.433 | ng    | 99       |
| 77) Benzidine                 | 12.716 | 184  | 211228   | 59.309 | ng    | 100      |
| 78) Pyrene                    | 12.827 | 202  | 809838   | 52.188 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 276908   | 48.498 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.016 | 228  | 613436   | 49.601 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 107611   | 28.840 | ng    | 99       |
| 83) Chrysene                  | 14.057 | 228  | 507901   | 45.162 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 398277   | 54.097 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.604 | 149  | 668869   | 60.051 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.021 | 276  | 526943   | 55.974 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 555365   | 53.035 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 502785   | 55.973 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 425179   | 51.853 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 443997   | 56.930 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 341863   | 43.069 | ng    | 100      |

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

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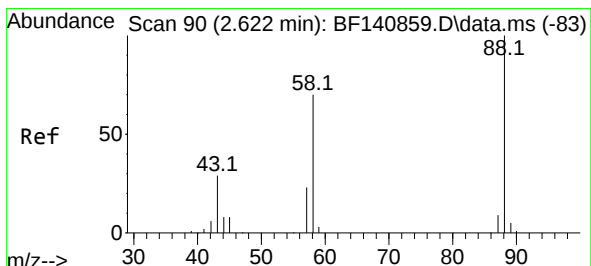
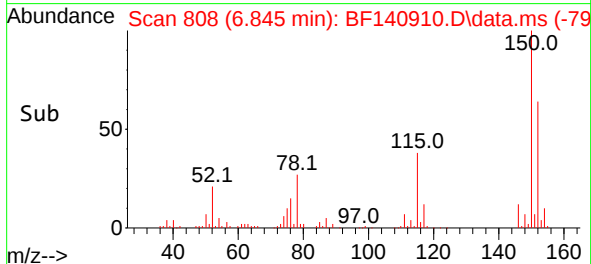
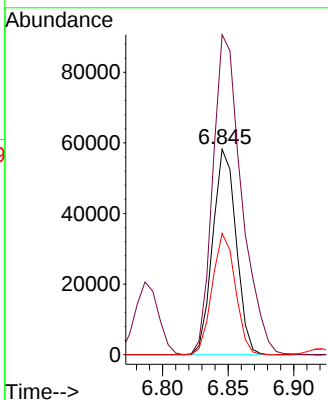
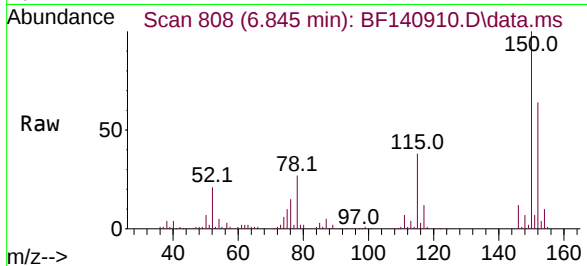




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.845 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

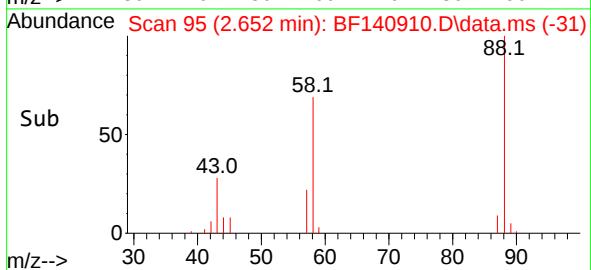
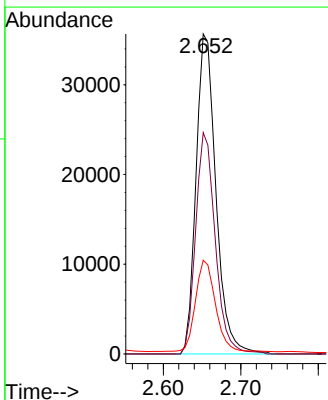
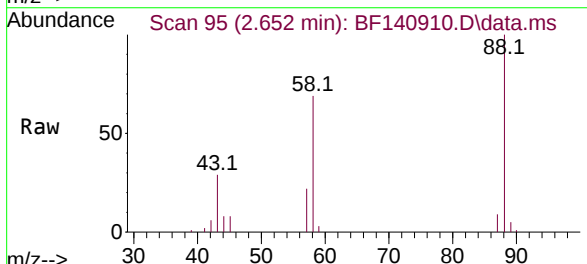
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1AMSD

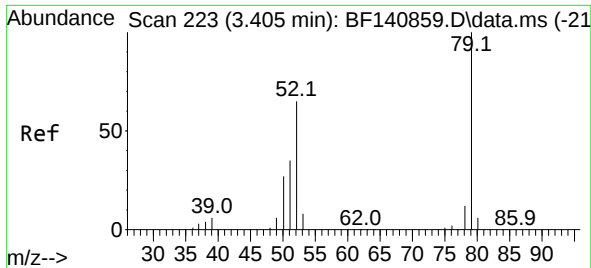
Tgt Ion:152 Resp: 72196  
 Ion Ratio Lower Upper  
 152 100  
 150 155.8 127.9 191.9  
 115 59.0 48.0 72.0



#2  
 1,4-Dioxane  
 Concen: 33.650 ng  
 RT: 2.652 min Scan# 95  
 Delta R.T. 0.029 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

Tgt Ion: 88 Resp: 63566  
 Ion Ratio Lower Upper  
 88 100  
 58 68.2 55.8 83.8  
 43 28.8 22.7 34.1





#3

Pyridine

Concen: 37.907 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

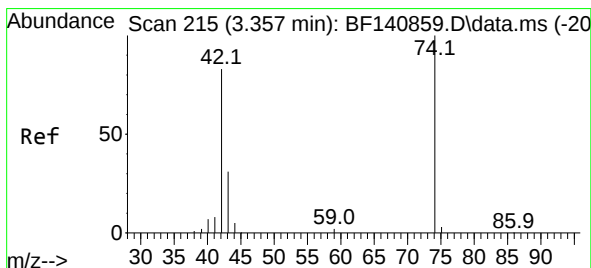
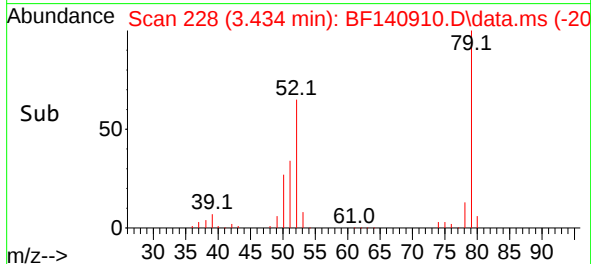
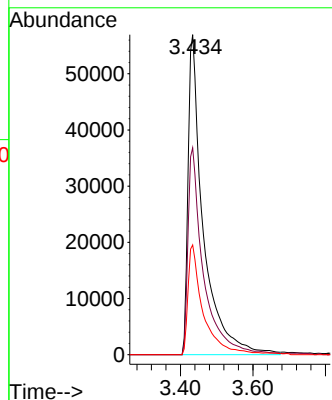
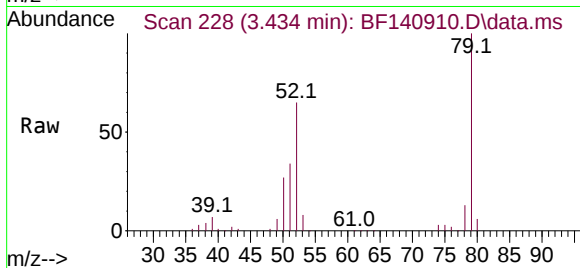
Tgt Ion: 79 Resp: 165834

Ion Ratio Lower Upper

79 100

52 64.6 51.7 77.5

51 34.3 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 37.116 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.023 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

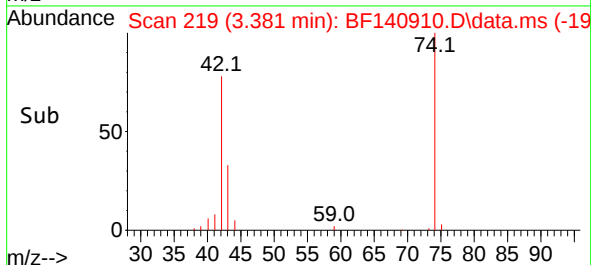
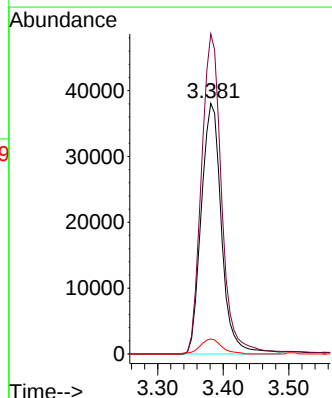
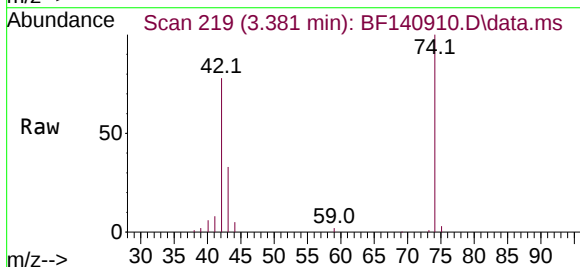
Tgt Ion: 42 Resp: 81857

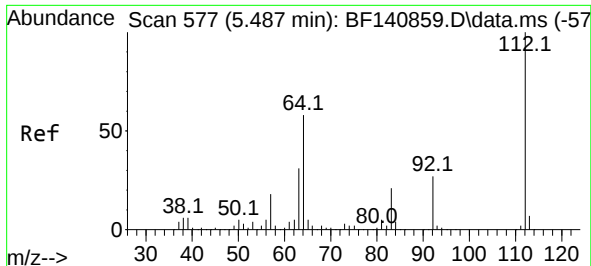
Ion Ratio Lower Upper

42 100

74 127.7 96.9 145.3

44 6.0 4.4 6.6

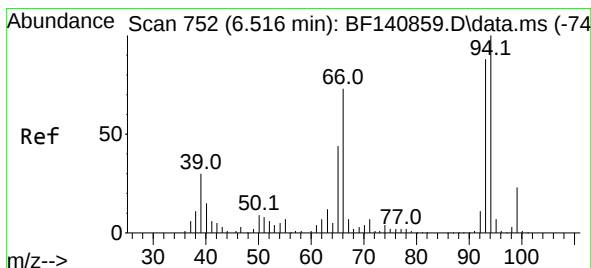
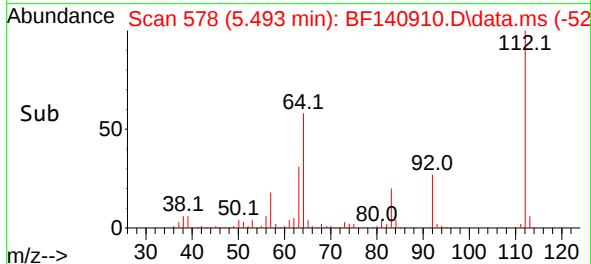
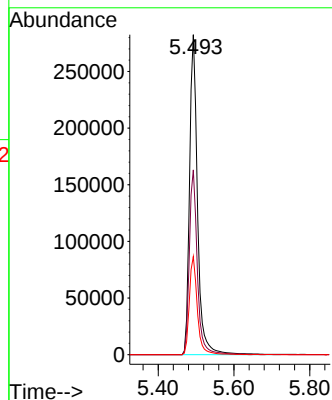
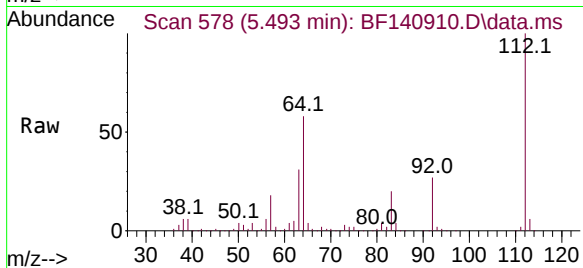




#5  
2-Fluorophenol  
Concen: 94.125 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

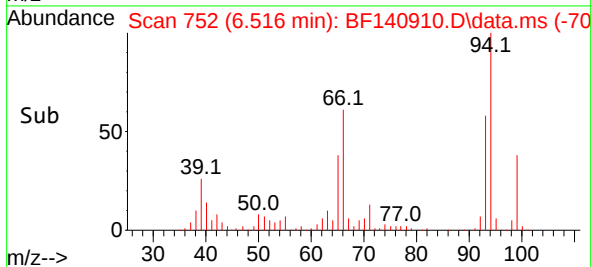
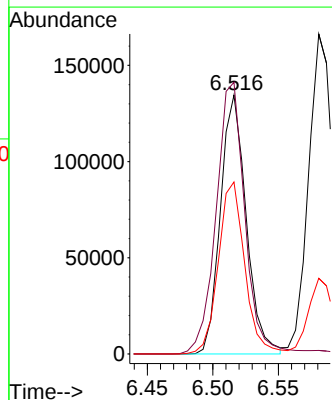
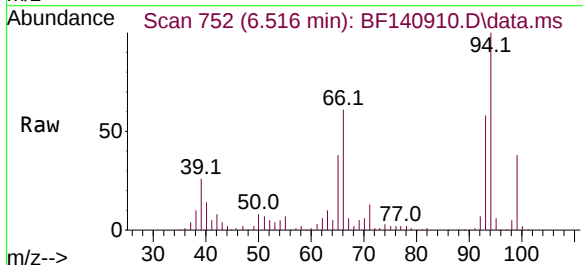
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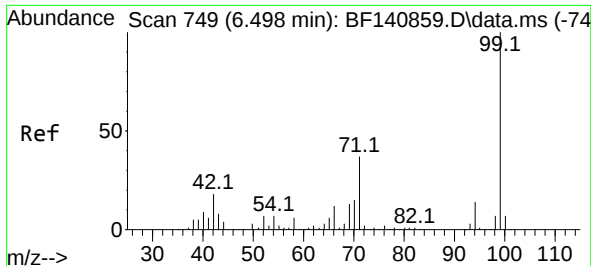
Tgt Ion:112 Resp: 412800  
Ion Ratio Lower Upper  
112 100  
64 57.7 46.1 69.1  
63 30.7 24.9 37.3



#6  
Aniline  
Concen: 37.022 ng  
RT: 6.516 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
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Tgt Ion: 93 Resp: 183874  
Ion Ratio Lower Upper  
93 100  
66 104.9 67.0 100.4#  
65 66.4 40.4 60.6#

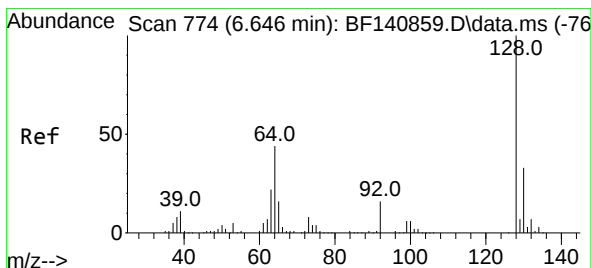
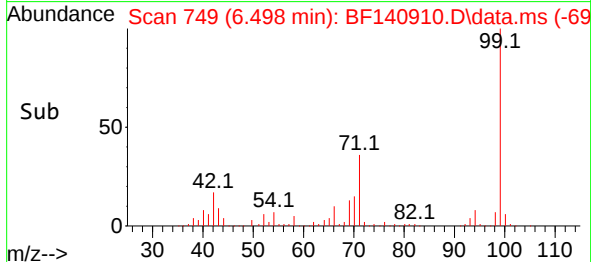
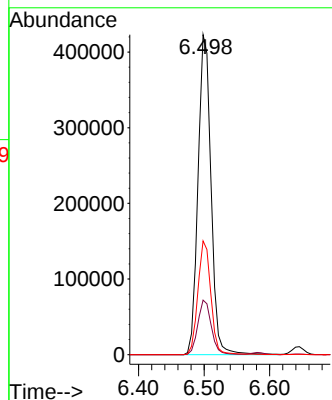
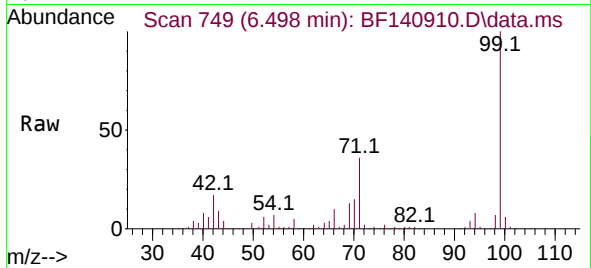




#7  
Phenol-d6  
Concen: 100.609 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

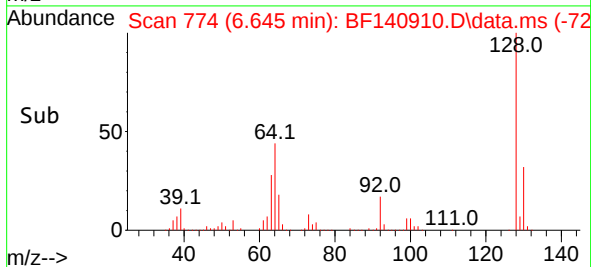
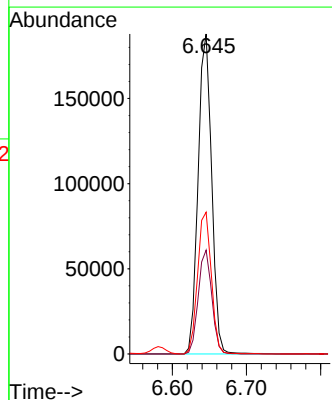
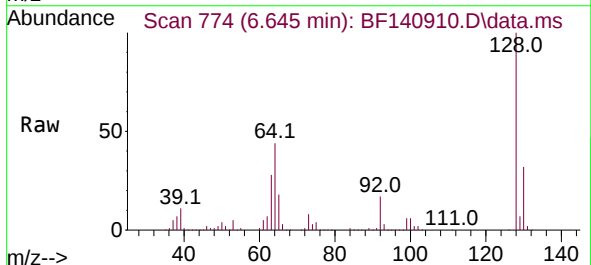
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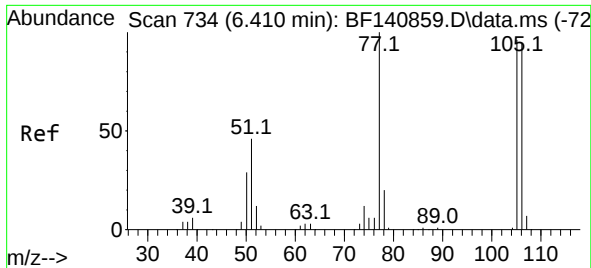
Tgt Ion: 99 Resp: 584421  
Ion Ratio Lower Upper  
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42 17.1 14.3 21.5  
71 35.6 29.9 44.9



#8  
2-Chlorophenol  
Concen: 49.740 ng  
RT: 6.645 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
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Tgt Ion:128 Resp: 237885  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.9 52.9  
64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 15.569 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

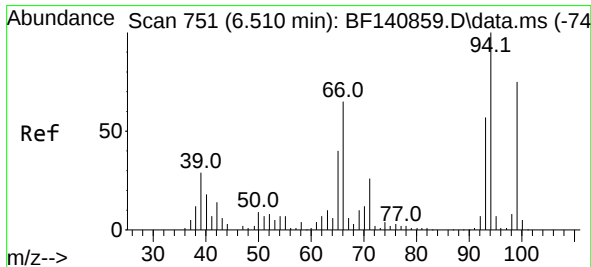
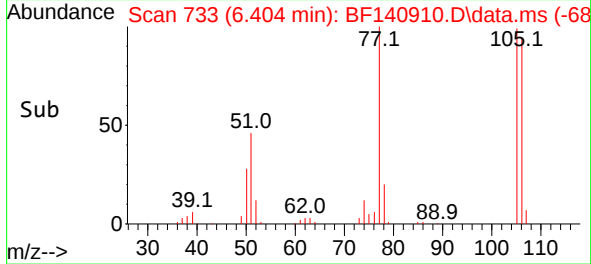
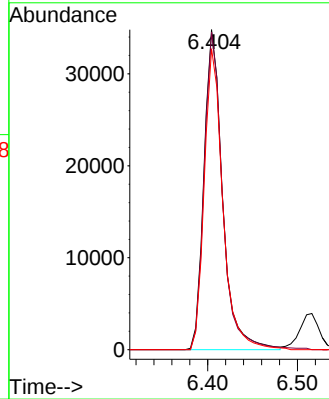
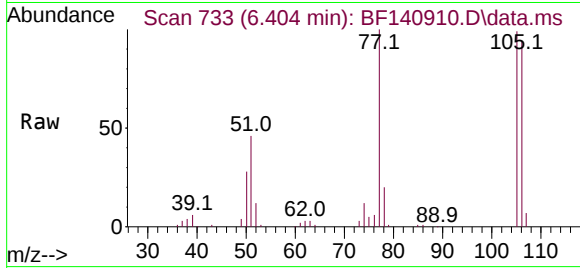
Tgt Ion: 77 Resp: 50112

Ion Ratio Lower Upper

77 100

105 99.3 75.8 115.8

106 94.0 74.1 114.1



#10

Phenol

Concen: 51.811 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

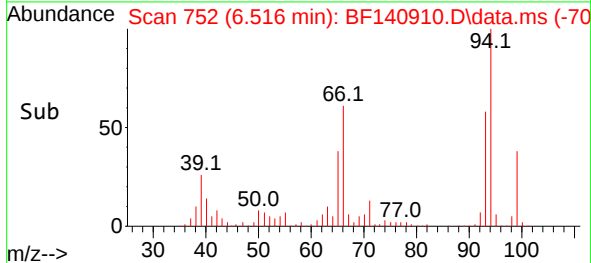
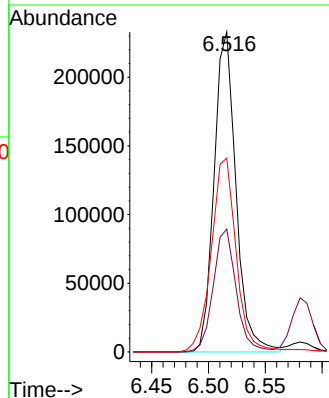
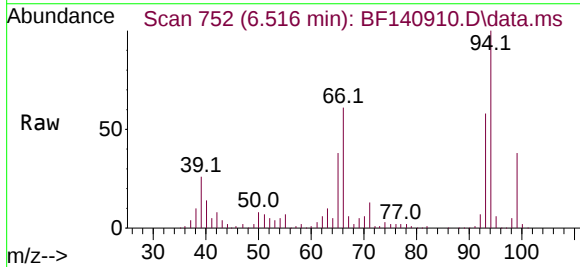
Tgt Ion: 94 Resp: 311927

Ion Ratio Lower Upper

94 100

65 38.4 19.9 59.9

66 60.6 45.6 85.6

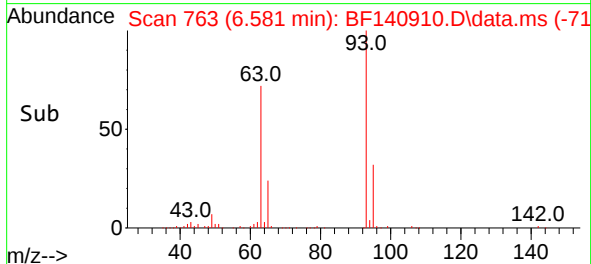
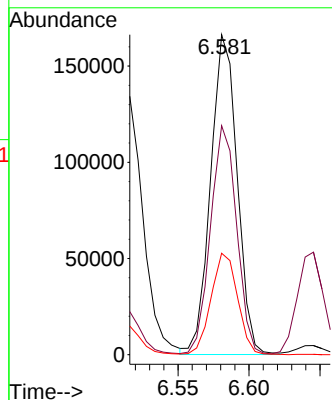
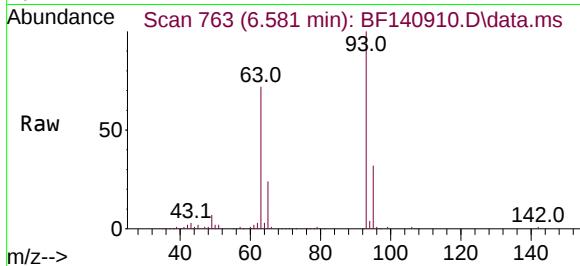




#11  
bis(2-Chloroethyl)ether  
Concen: 48.160 ng  
RT: 6.581 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

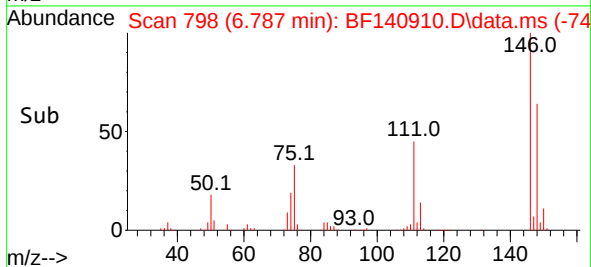
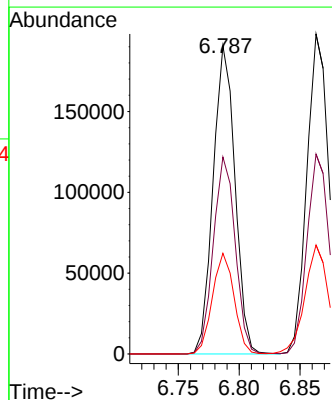
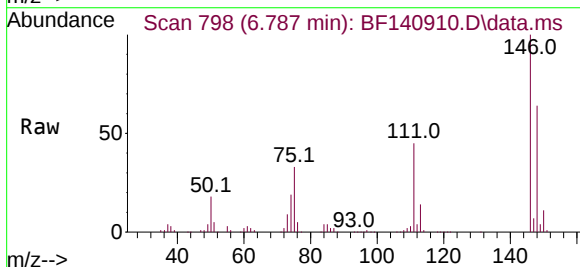
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

Tgt Ion: 93 Resp: 216229  
Ion Ratio Lower Upper  
93 100  
63 71.6 51.0 91.0  
95 31.7 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 43.725 ng  
RT: 6.787 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:146 Resp: 238285  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.0 76.6  
75 32.7 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 45.283 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140910.D

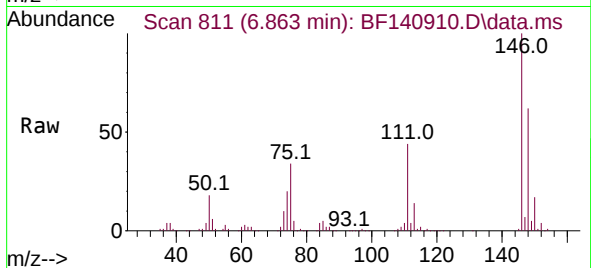
Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD



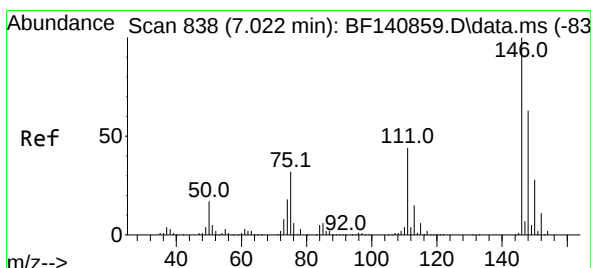
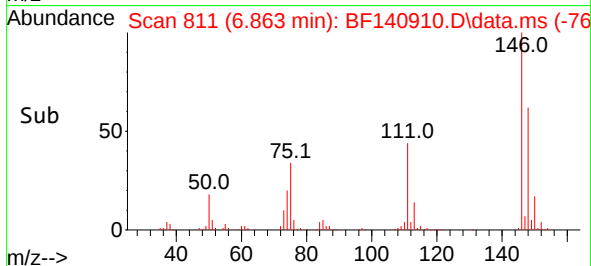
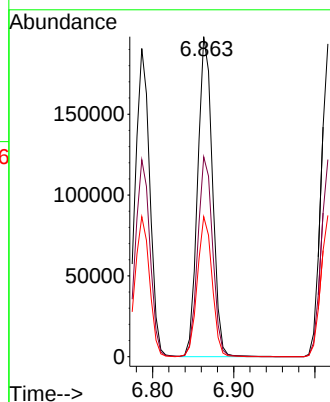
Tgt Ion:146 Resp: 250496

Ion Ratio Lower Upper

146 100

148 62.5 51.3 76.9

111 43.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 46.619 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

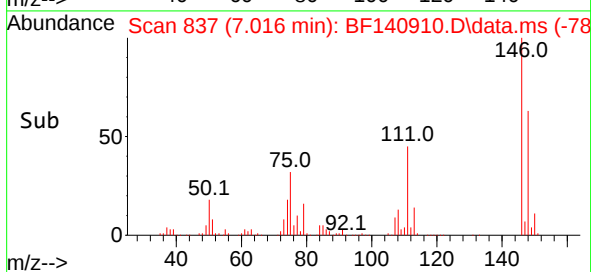
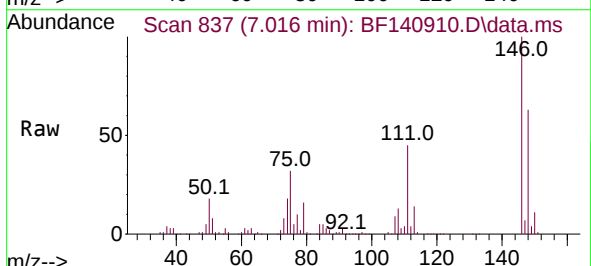
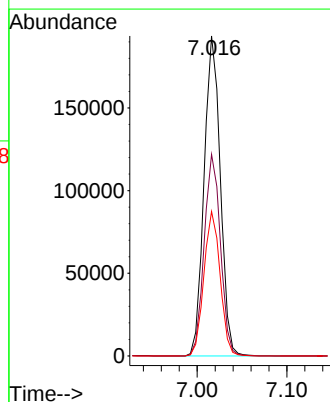
Tgt Ion:146 Resp: 243317

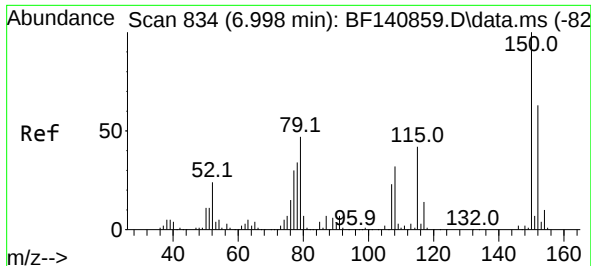
Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 45.2 35.6 53.4

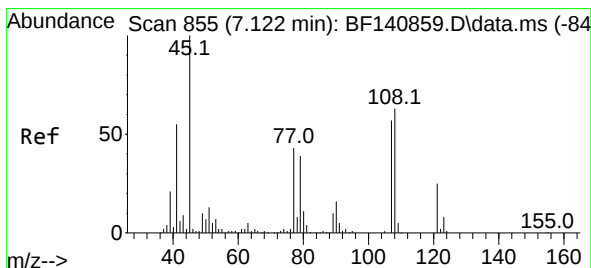
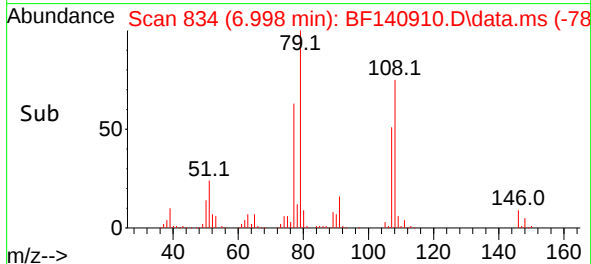
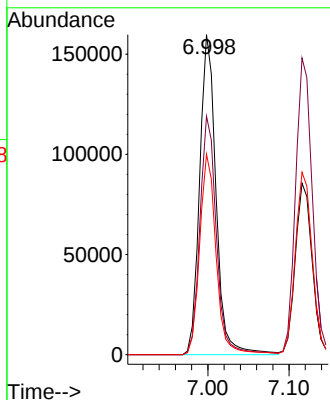
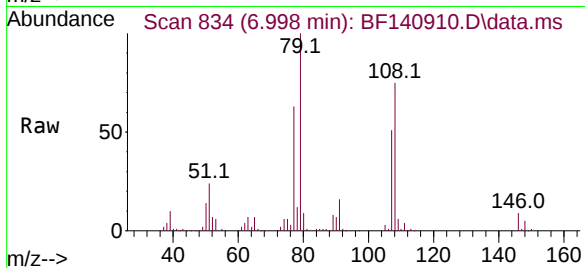




#15  
Benzyl Alcohol  
Concen: 54.026 ng  
RT: 6.998 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

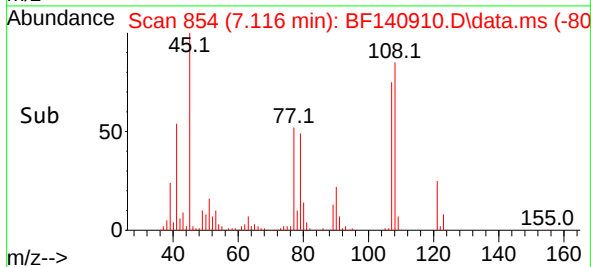
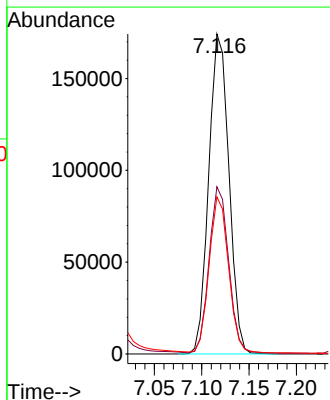
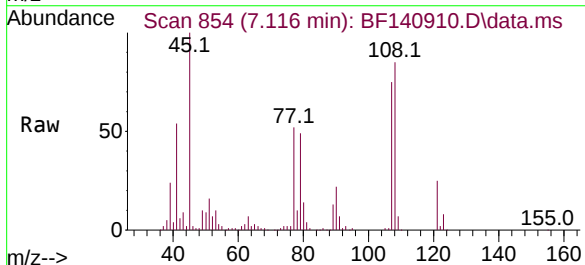
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

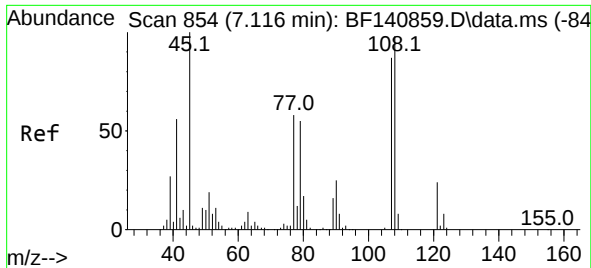
Tgt Ion: 79 Resp: 224390  
Ion Ratio Lower Upper  
79 100  
108 74.6 55.1 82.7  
77 62.7 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.813 ng  
RT: 7.116 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion: 45 Resp: 258176  
Ion Ratio Lower Upper  
45 100  
77 52.3 23.3 63.3  
79 49.1 20.0 60.0

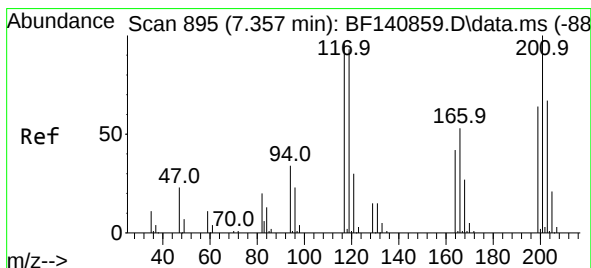
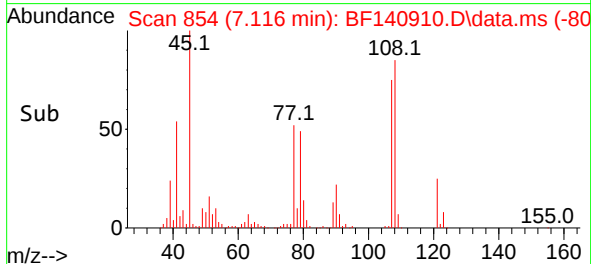
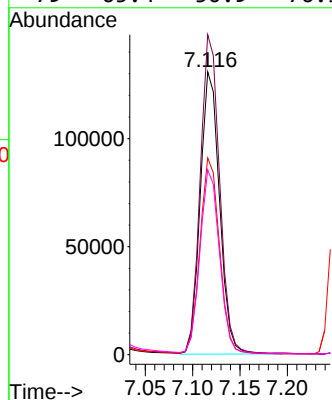
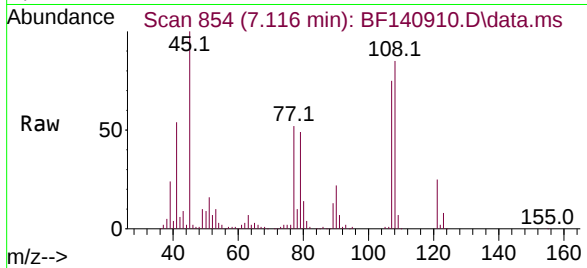




#17  
2-Methylphenol  
Concen: 48.580 ng  
RT: 7.116 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

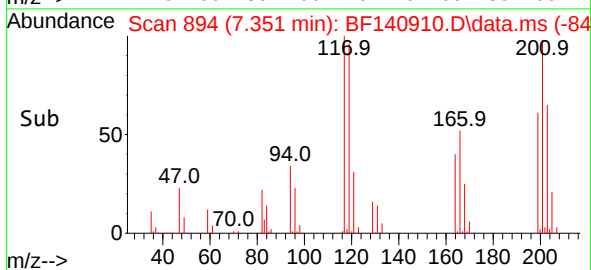
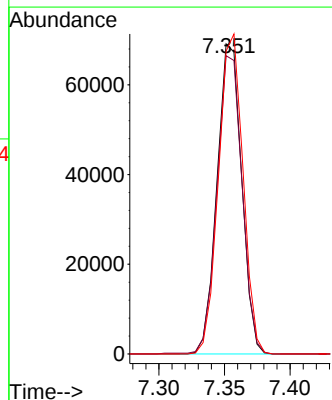
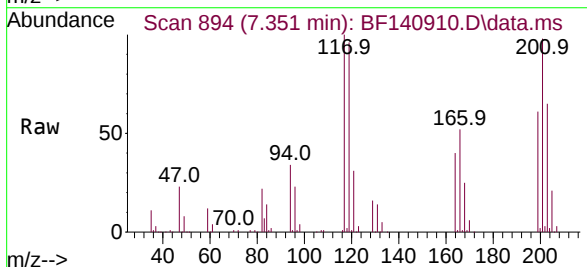
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

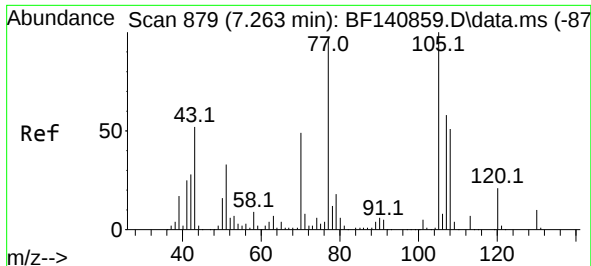
|             |                  |
|-------------|------------------|
| Tgt Ion:107 | Resp: 185495     |
| Ion Ratio   | Lower Upper      |
| 107         | 100              |
| 108         | 113.1 90.2 135.4 |
| 77          | 69.6 53.8 80.6   |
| 79          | 65.4 50.9 76.3   |



#18  
Hexachloroethane  
Concen: 43.782 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

|             |                 |
|-------------|-----------------|
| Tgt Ion:117 | Resp: 90163     |
| Ion Ratio   | Lower Upper     |
| 117         | 100             |
| 119         | 96.2 77.4 116.0 |
| 201         | 97.7 83.4 125.0 |





#19

n-Nitroso-di-n-propylamine

Concen: 49.835 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

Tgt Ion: 70 Resp: 173646

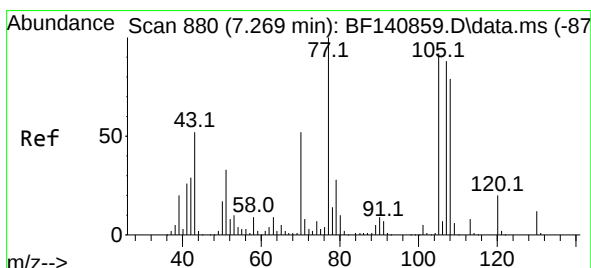
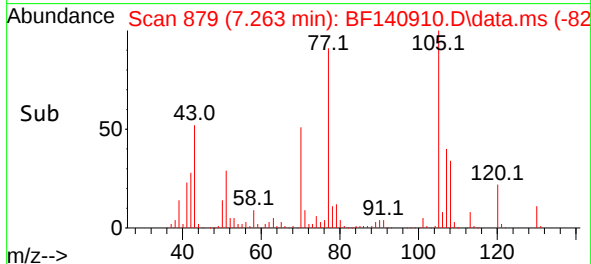
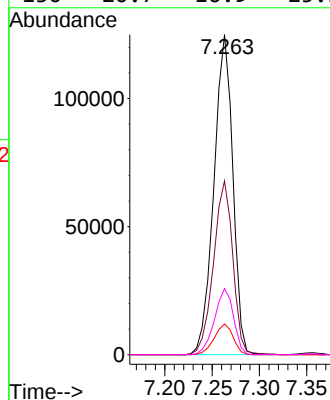
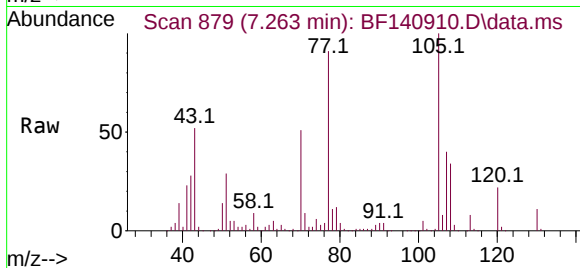
Ion Ratio Lower Upper

70 100

42 54.3 45.3 67.9

101 9.6 8.0 12.0

130 20.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 51.583 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Tgt Ion: 107 Resp: 261175

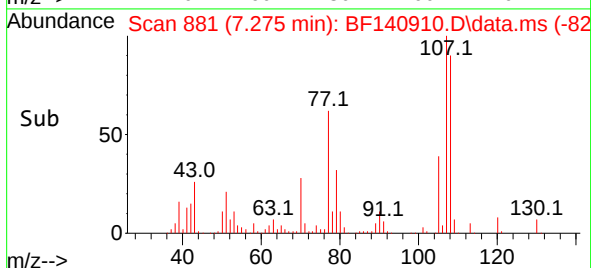
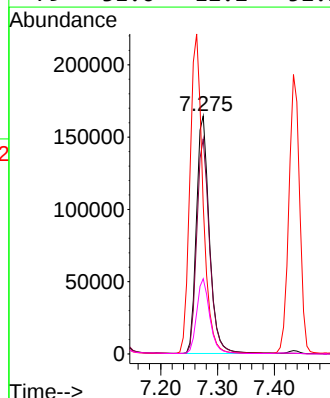
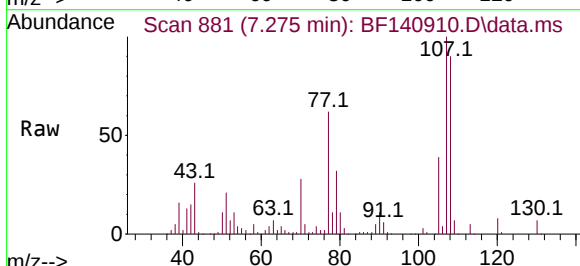
Ion Ratio Lower Upper

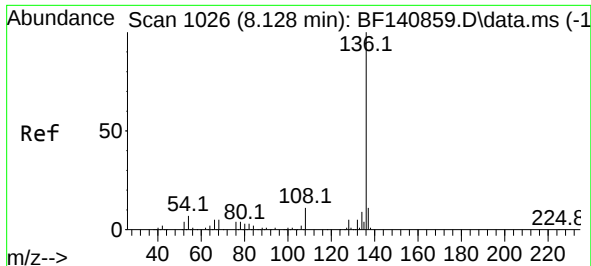
107 100

108 90.4 70.1 110.1

77 62.4 94.4 134.4#

79 31.6 12.2 52.2

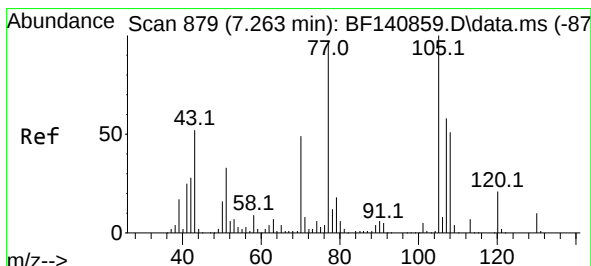
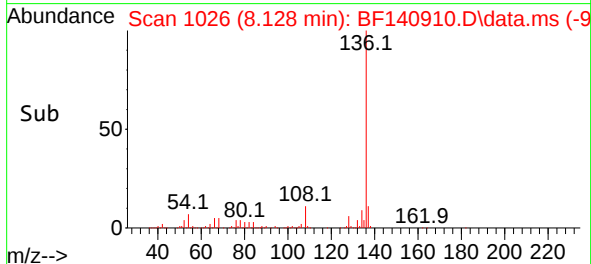
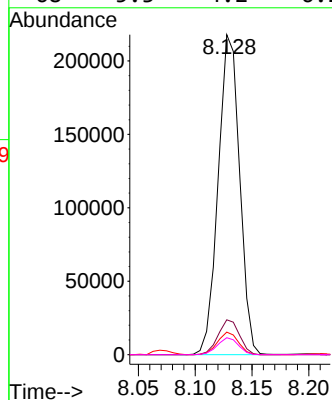
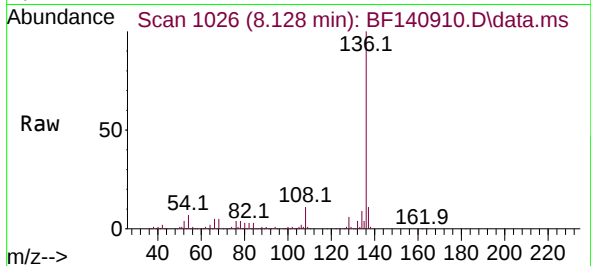




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

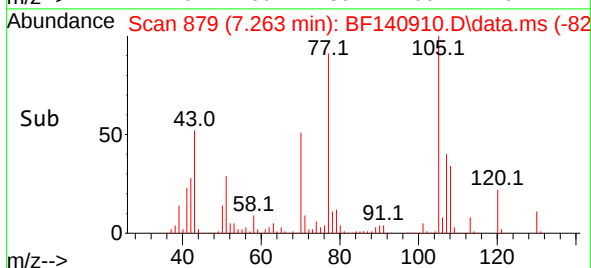
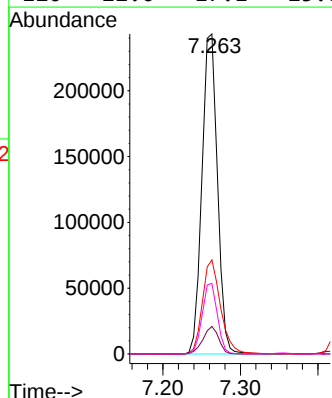
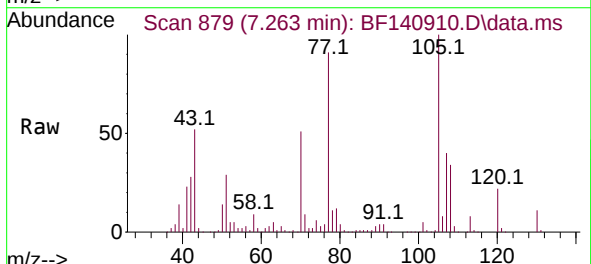
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

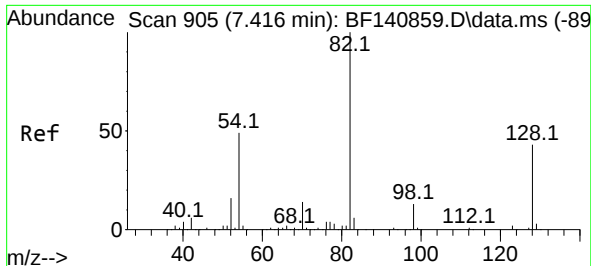
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 286565 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.0   | 13.4   |
| 54       | 7.0   | 5.6   | 8.4    |
| 68       | 5.3   | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 47.164 ng  
RT: 7.263 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 338097 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.6   | 6.2   | 9.4    |
| 51       | 29.4  | 26.3  | 39.5   |
| 120      | 22.0  | 17.1  | 25.7   |





#23

Nitrobenzene-d5

Concen: 63.578 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

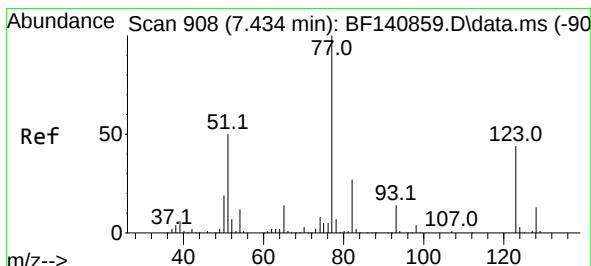
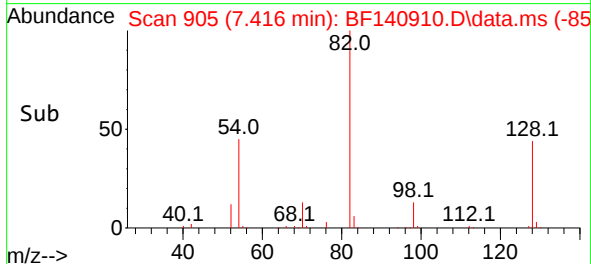
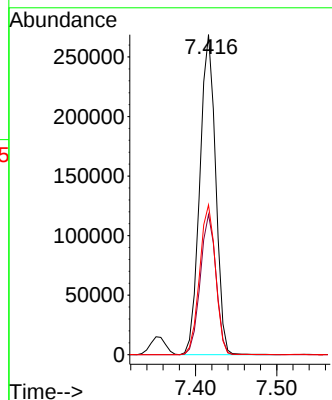
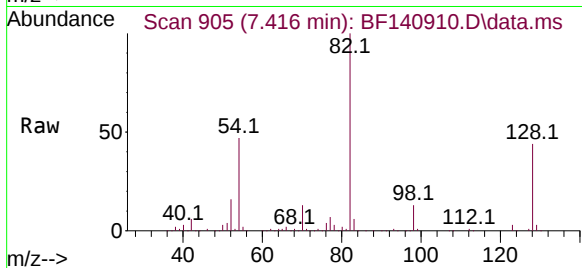
Tgt Ion: 82 Resp: 364156

Ion Ratio Lower Upper

82 100

128 43.8 34.4 51.6

54 46.8 38.8 58.2



#24

Nitrobenzene

Concen: 43.186 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

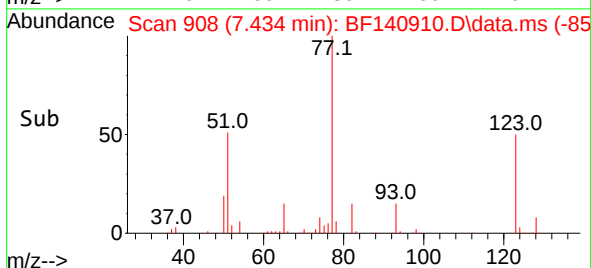
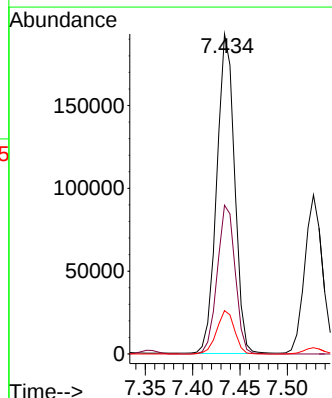
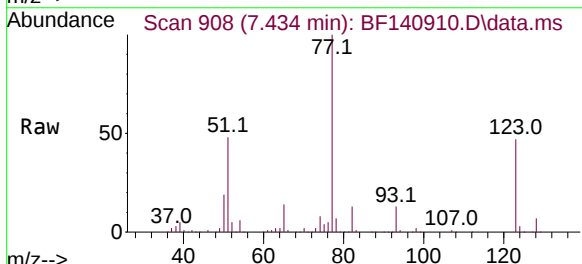
Tgt Ion: 77 Resp: 253408

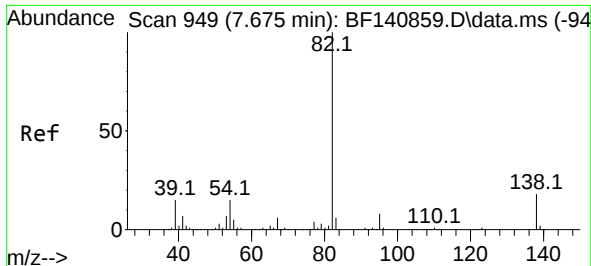
Ion Ratio Lower Upper

77 100

123 46.5 35.0 52.4

65 13.5 11.4 17.0

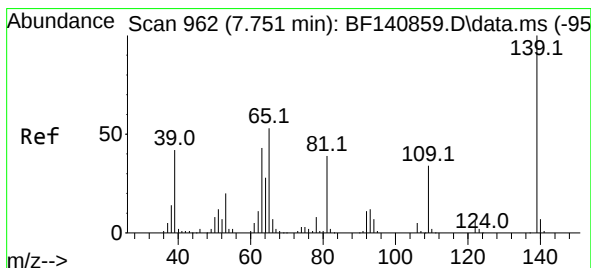
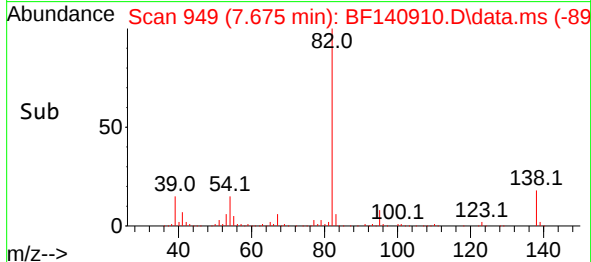
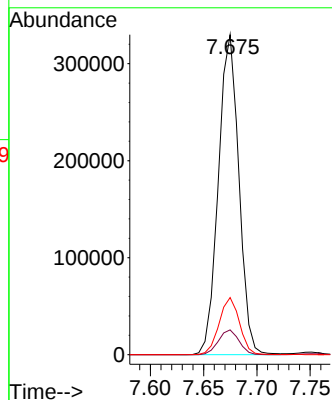
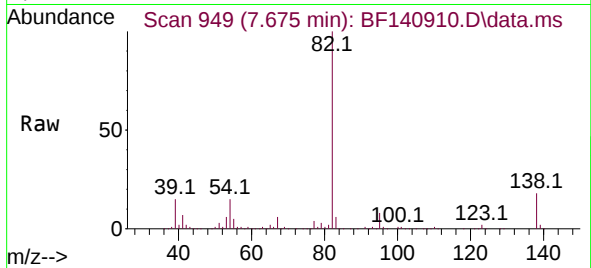




#25  
Isophorone  
Concen: 45.982 ng  
RT: 7.675 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

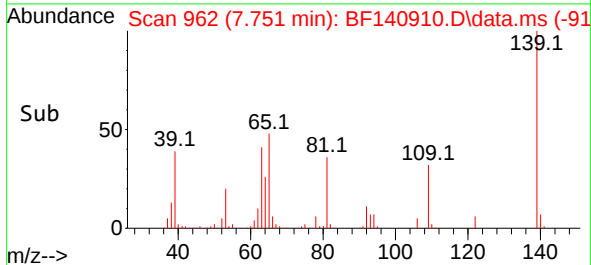
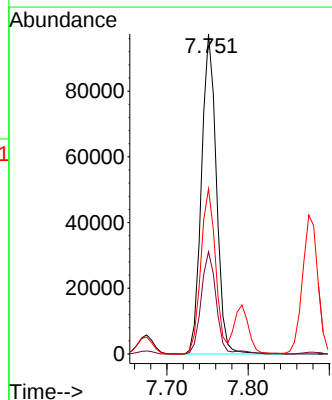
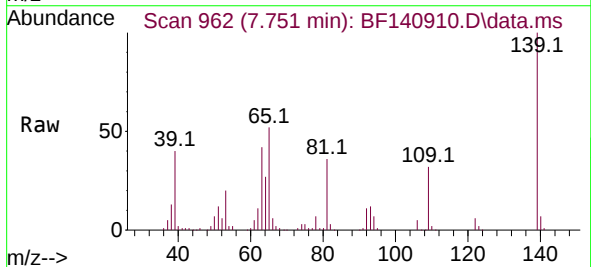
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

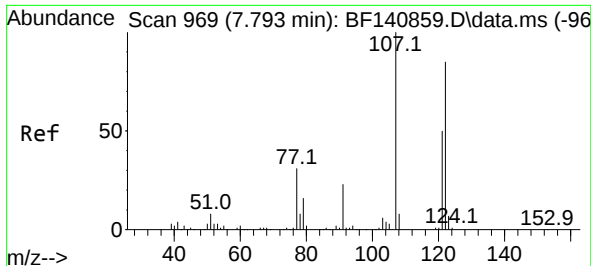
Tgt Ion: 82 Resp: 441297  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.3 9.5  
138 17.8 14.1 21.1



#26  
2-Nitrophenol  
Concen: 45.916 ng  
RT: 7.751 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion: 139 Resp: 124090  
Ion Ratio Lower Upper  
139 100  
109 32.0 26.9 40.3  
65 51.6 42.6 64.0

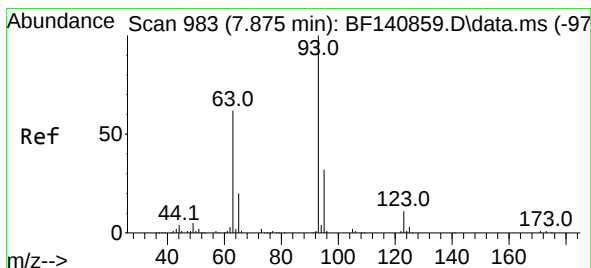
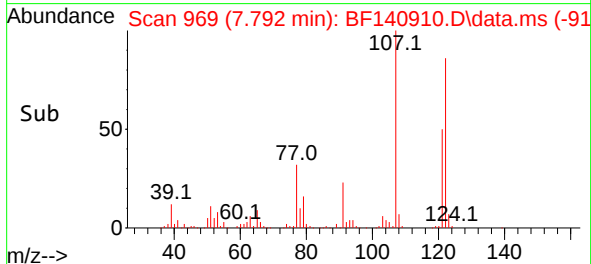
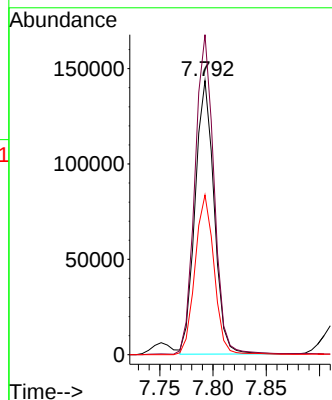
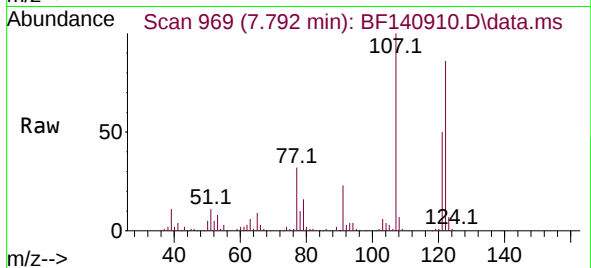




#27  
2,4-Dimethylphenol  
Concen: 56.446 ng  
RT: 7.792 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

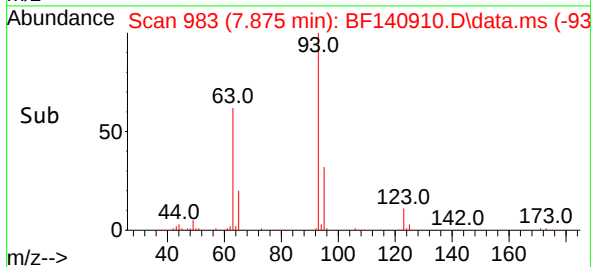
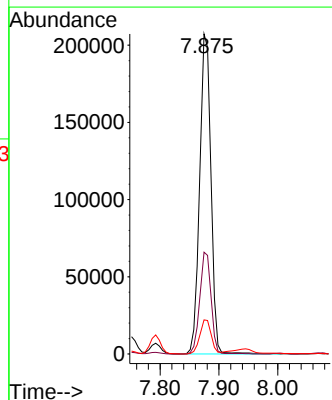
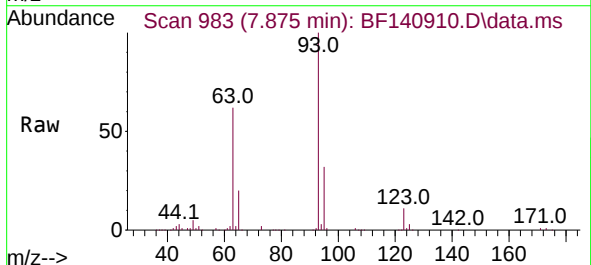
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

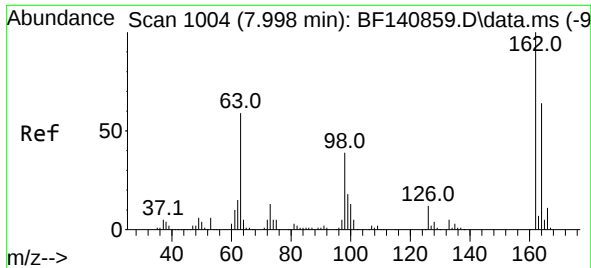
Tgt Ion:122 Resp: 178152  
Ion Ratio Lower Upper  
122 100  
107 116.7 92.6 139.0  
121 58.3 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.049 ng  
RT: 7.875 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion: 93 Resp: 276025  
Ion Ratio Lower Upper  
93 100  
95 31.8 25.3 37.9  
123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 47.407 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

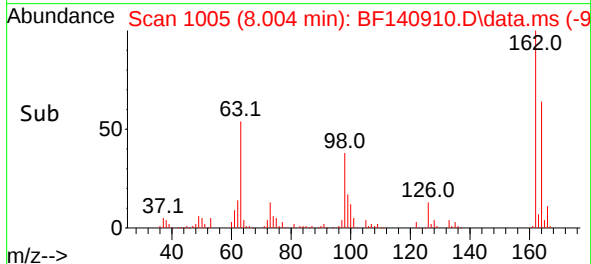
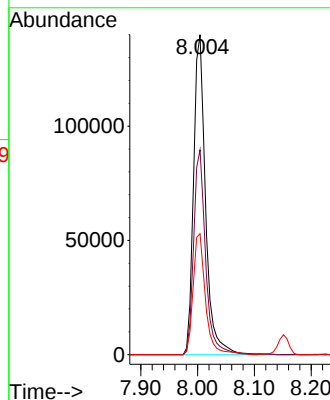
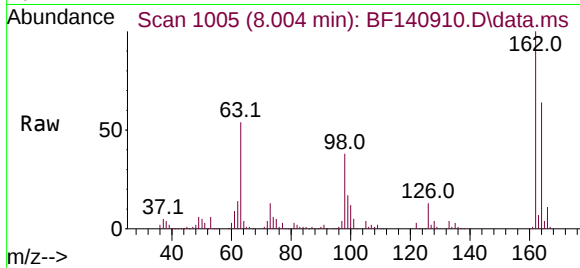
Tgt Ion:162 Resp: 206572

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 37.8 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 41.929 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

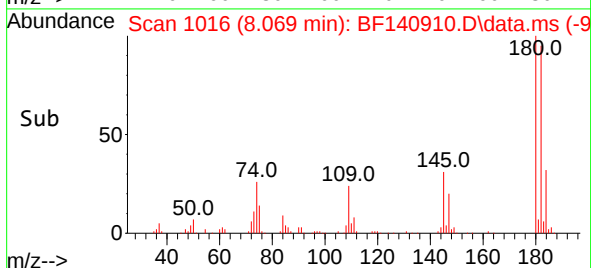
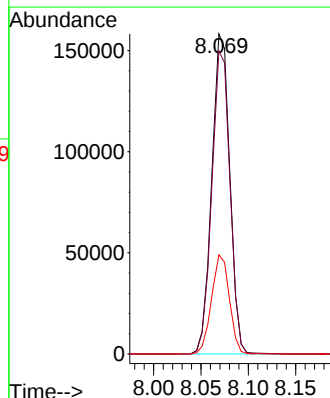
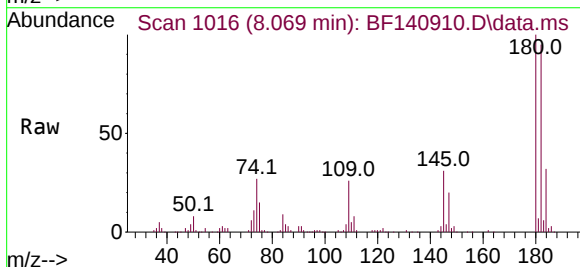
Tgt Ion:180 Resp: 209439

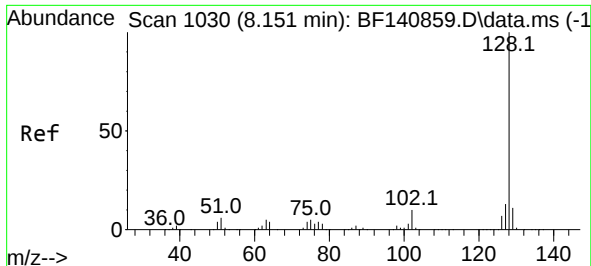
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.0 25.2 37.8

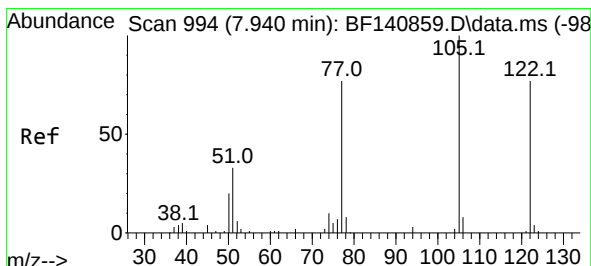
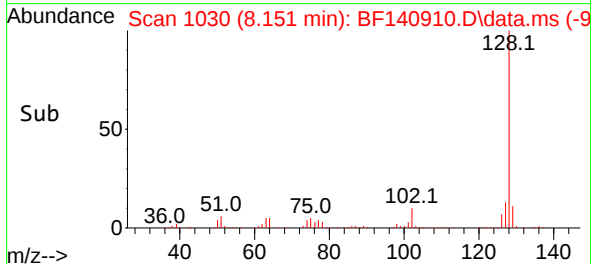
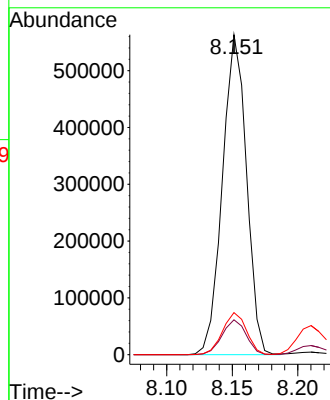
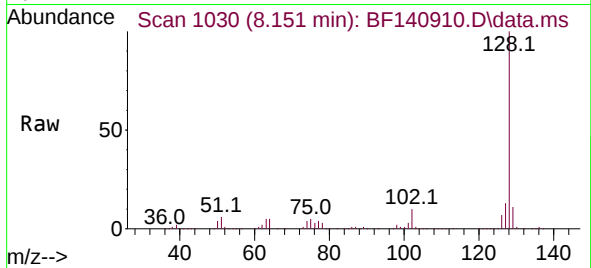




#31  
Naphthalene  
Concen: 45.650 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

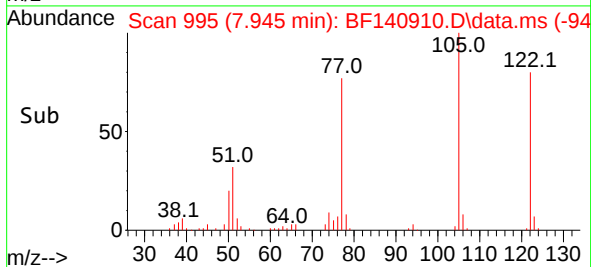
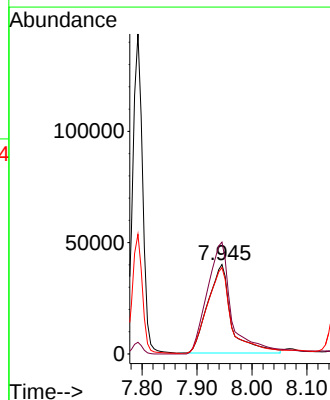
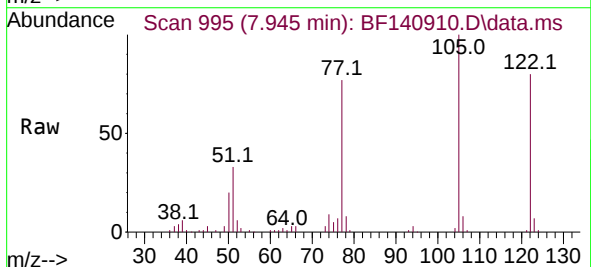
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

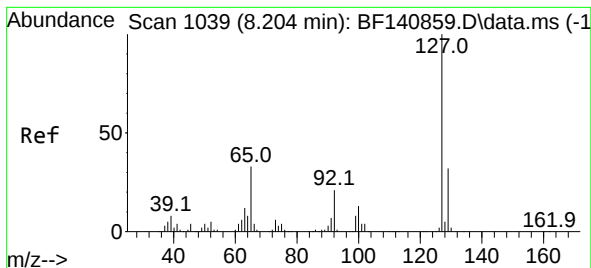
Tgt Ion:128 Resp: 718593  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 39.841 ng  
RT: 7.945 min Scan# 995  
Delta R.T. 0.005 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:122 Resp: 119256  
Ion Ratio Lower Upper  
122 100  
105 125.0 108.3 148.3  
77 96.6 78.8 118.8





#33

4-Chloroaniline

Concen: 18.706 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

Tgt Ion:127 Resp: 97796

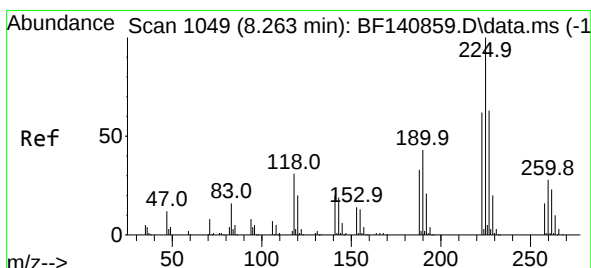
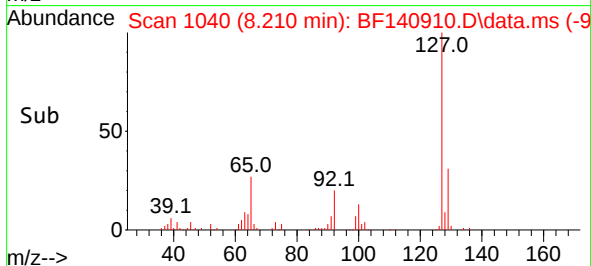
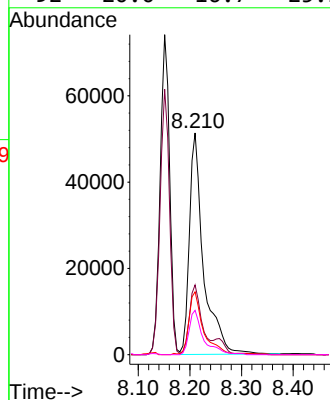
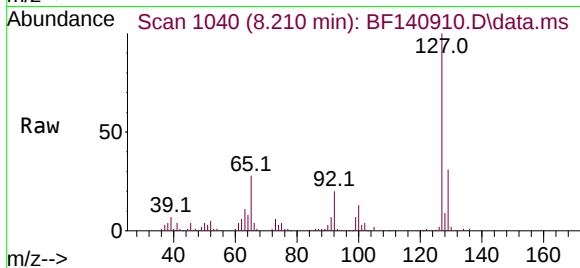
Ion Ratio Lower Upper

127 100

129 31.5 26.0 39.0

65 28.3 26.0 39.0

92 20.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 42.238 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

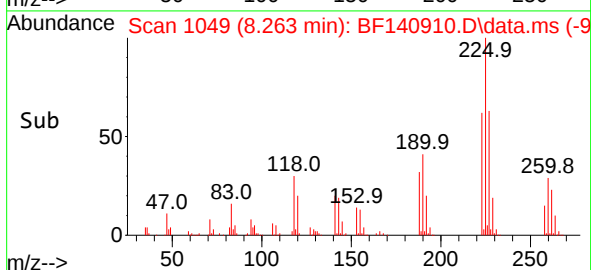
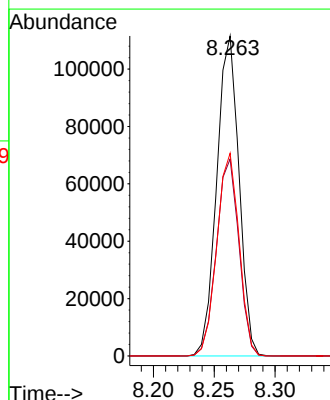
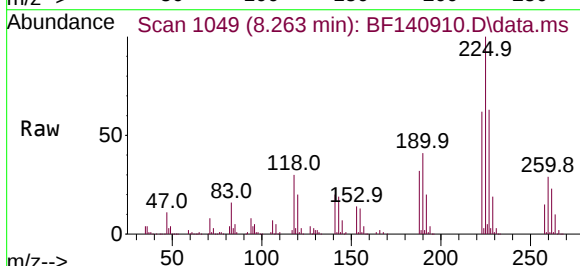
Tgt Ion:225 Resp: 141949

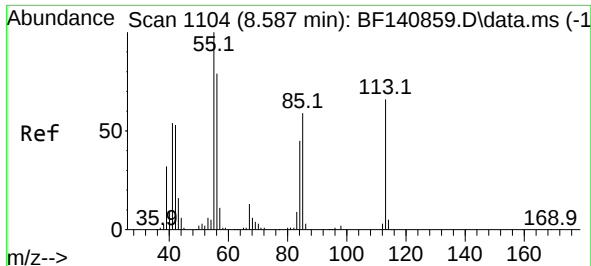
Ion Ratio Lower Upper

225 100

223 61.5 49.6 74.4

227 63.3 50.7 76.1

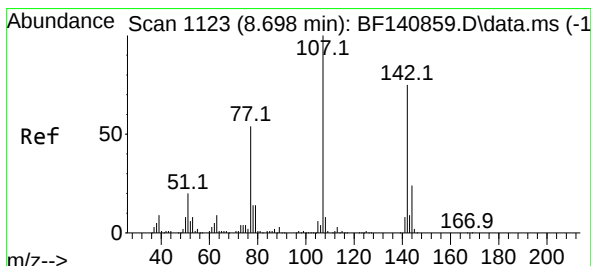
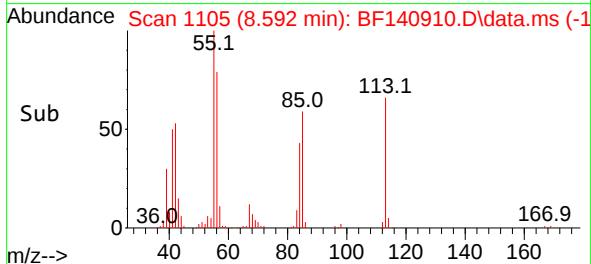
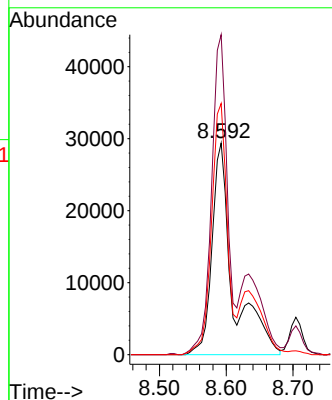
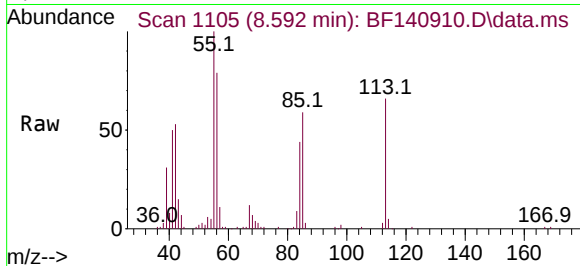




#35  
 Caprolactam  
 Concen: 49.607 ng m  
 RT: 8.592 min Scan# 1105  
 Delta R.T. 0.006 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

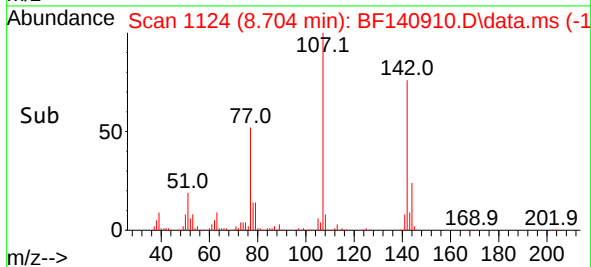
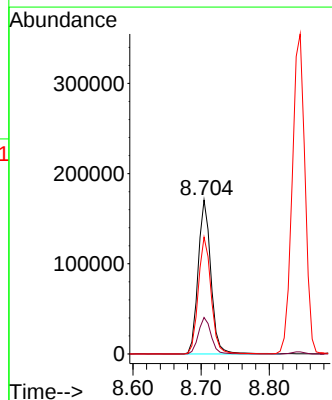
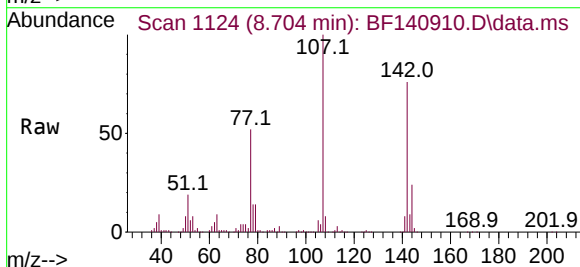
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1AMSD

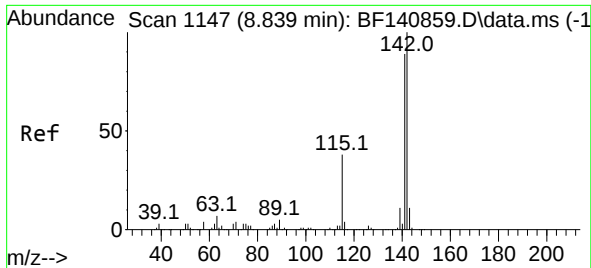
Tgt Ion:113 Resp: 64351  
 Ion Ratio Lower Upper  
 113 100  
 55 151.2 132.3 172.3  
 56 118.7 100.3 140.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.356 ng  
 RT: 8.704 min Scan# 1124  
 Delta R.T. 0.006 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

Tgt Ion:107 Resp: 222440  
 Ion Ratio Lower Upper  
 107 100  
 144 23.7 19.4 29.2  
 142 75.9 60.3 90.5

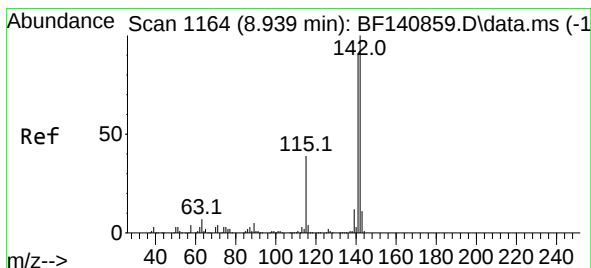
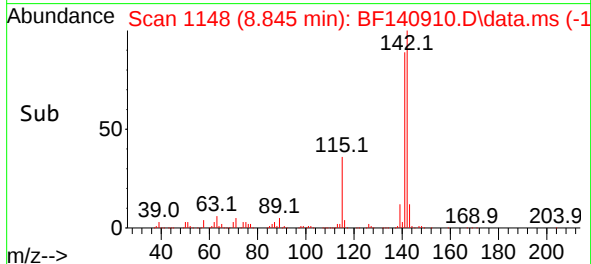
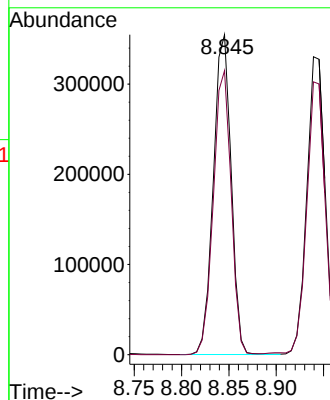
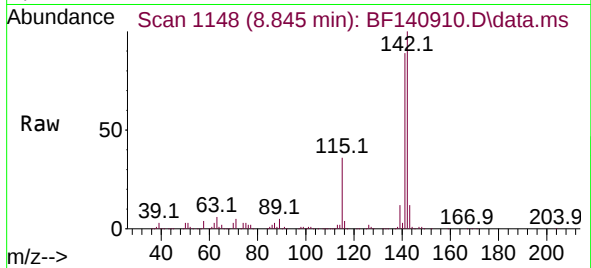




#37  
2-Methylnaphthalene  
Concen: 44.399 ng  
RT: 8.845 min Scan# 1147  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

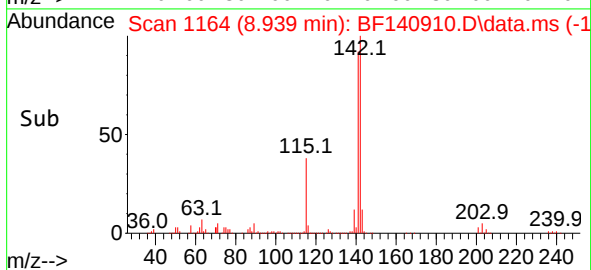
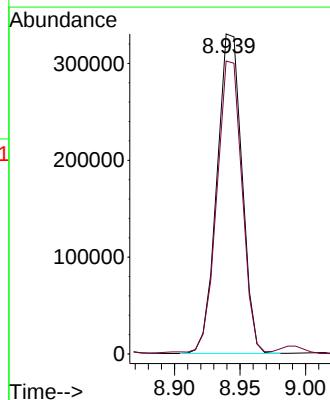
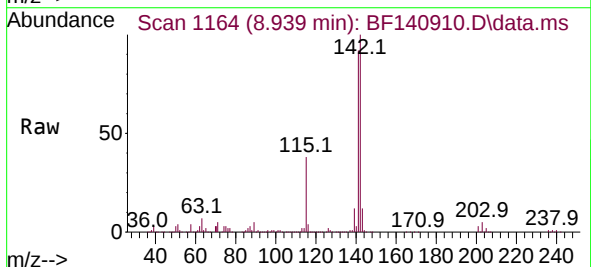
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

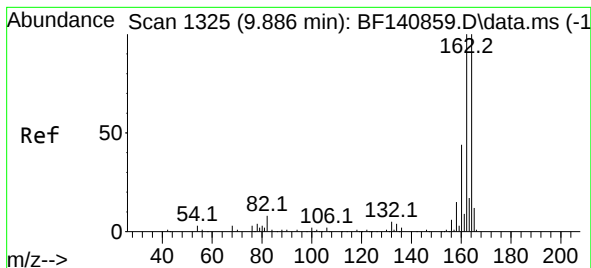
Tgt Ion:142 Resp: 462320  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.0 106.6



#38  
1-Methylnaphthalene  
Concen: 42.553 ng  
RT: 8.939 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:142 Resp: 438214  
Ion Ratio Lower Upper  
142 100  
141 91.5 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: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

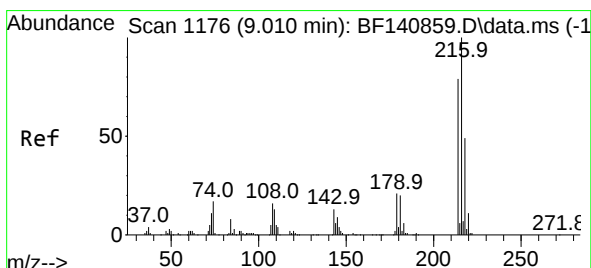
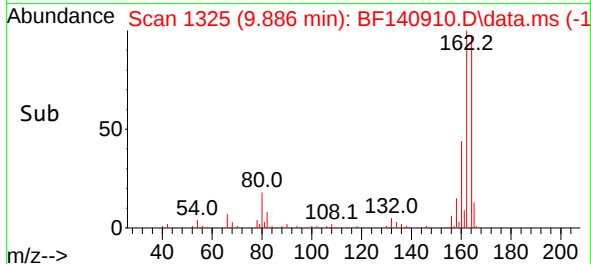
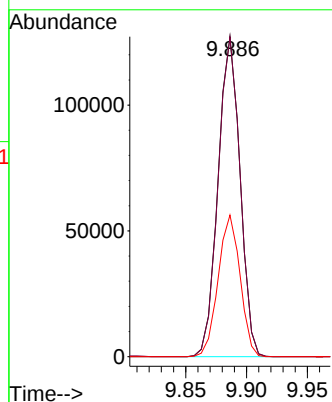
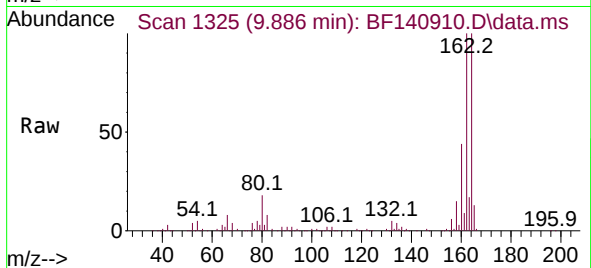
Tgt Ion:164 Resp: 159772

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

160 44.3 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.792 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Tgt Ion:216 Resp: 229788

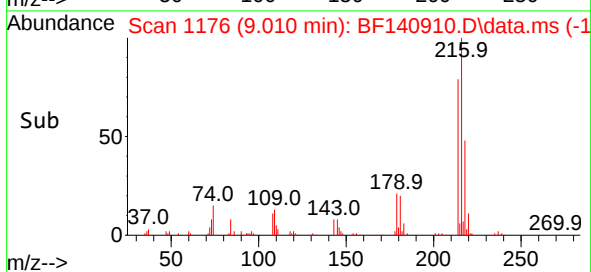
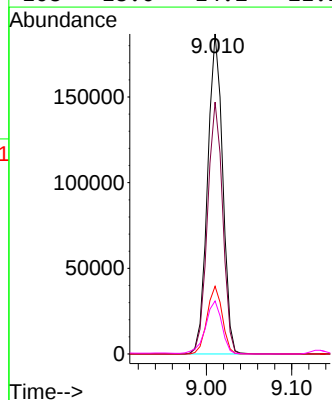
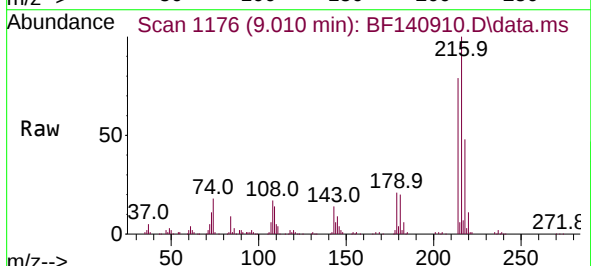
Ion Ratio Lower Upper

216 100

214 78.9 63.6 95.4

179 21.2 17.0 25.4

108 18.0 14.2 21.2

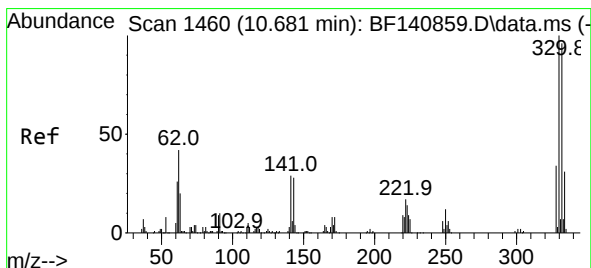
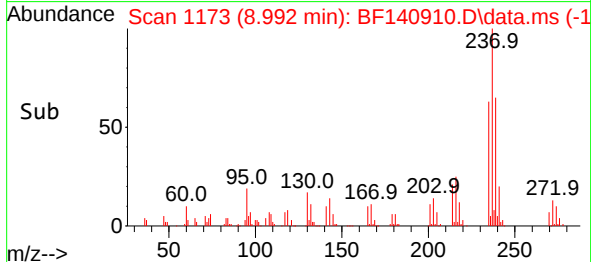
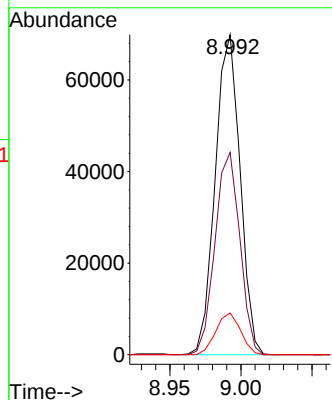
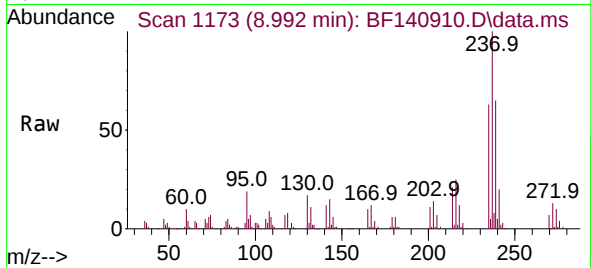




#41  
Hexachlorocyclopentadiene  
Concen: 59.006 ng  
RT: 8.992 min Scan# 1173  
Delta R.T. 0.005 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

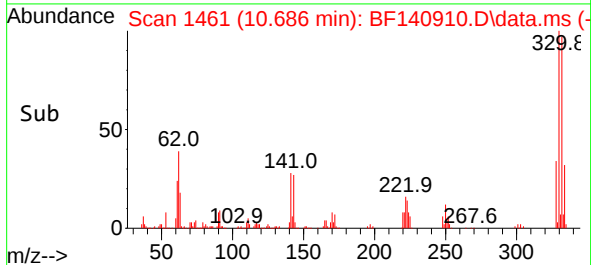
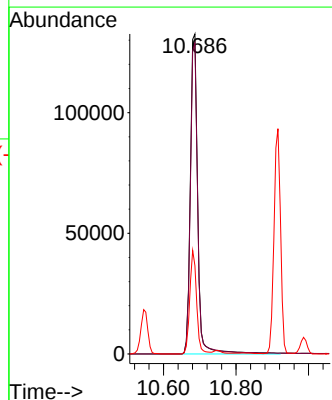
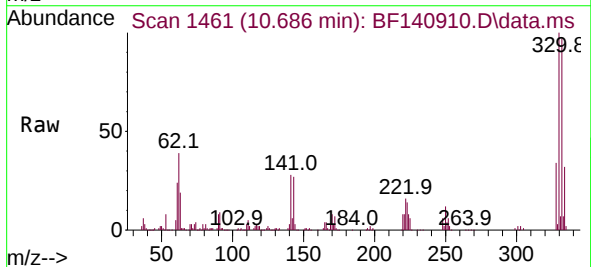
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

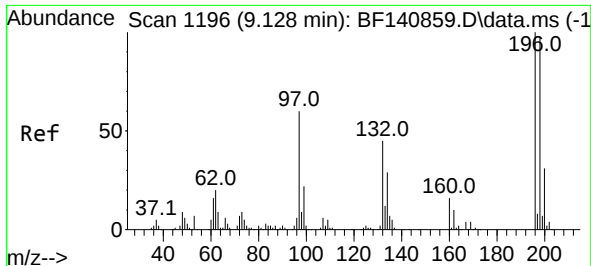
Tgt Ion:237 Resp: 85058  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.7 83.7  
272 13.0 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 99.475 ng  
RT: 10.686 min Scan# 1461  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:330 Resp: 187973  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.2 114.4  
141 29.7 24.9 37.3

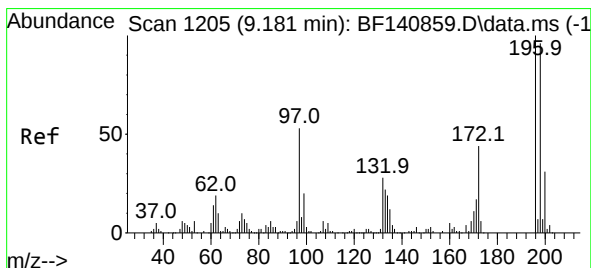
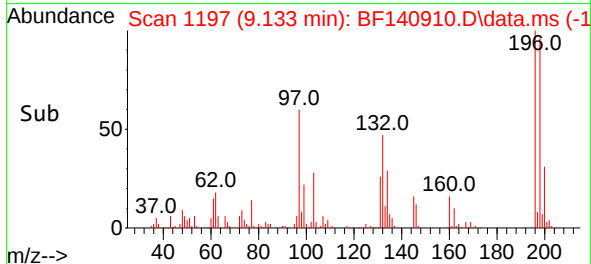
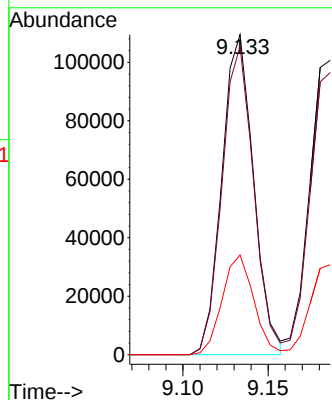
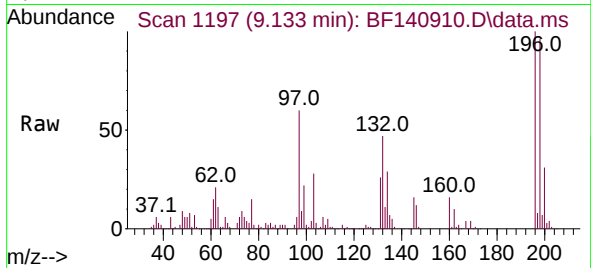




#43  
2,4,6-Trichlorophenol  
Concen: 47.136 ng  
RT: 9.133 min Scan# 1196  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

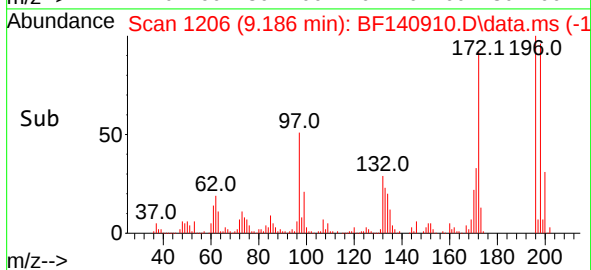
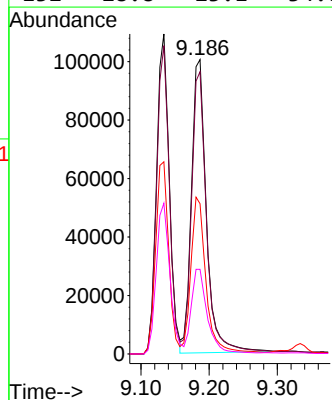
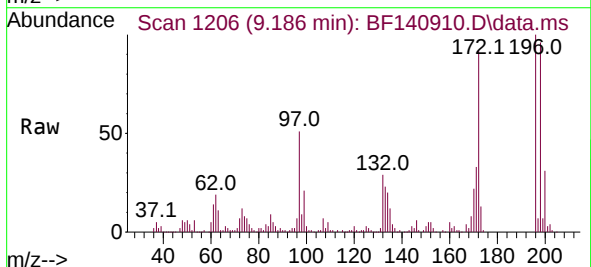
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

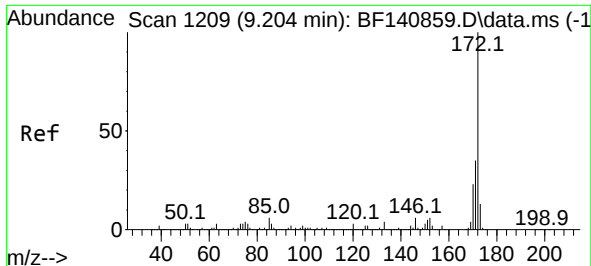
Tgt Ion:196 Resp: 141737  
Ion Ratio Lower Upper  
196 100  
198 96.3 77.4 116.0  
200 31.1 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 46.132 ng  
RT: 9.186 min Scan# 1206  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:196 Resp: 152471  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.2 115.8  
97 51.0 42.2 63.4  
132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 65.064 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

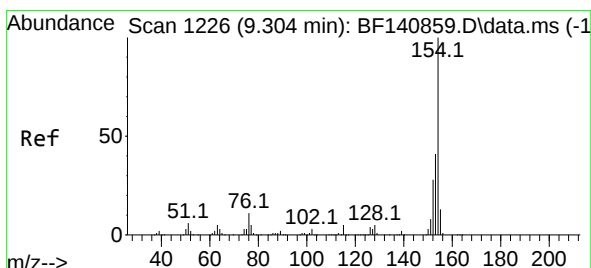
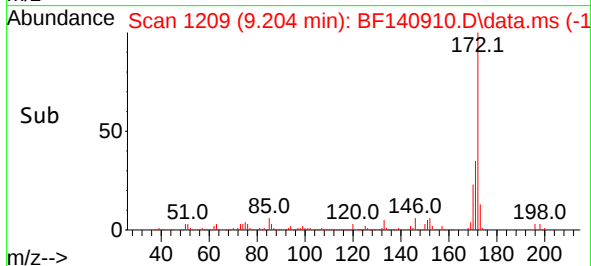
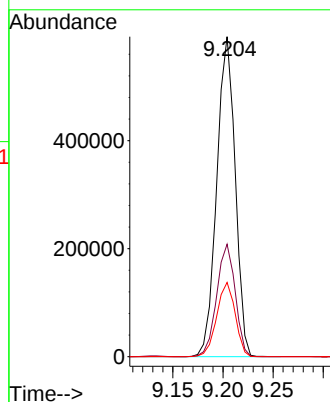
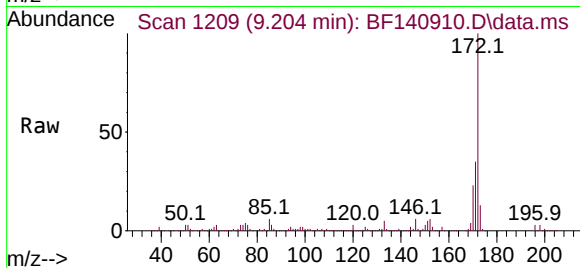
Tgt Ion:172 Resp: 756115

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.596 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

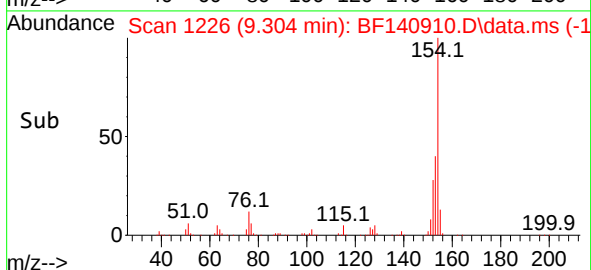
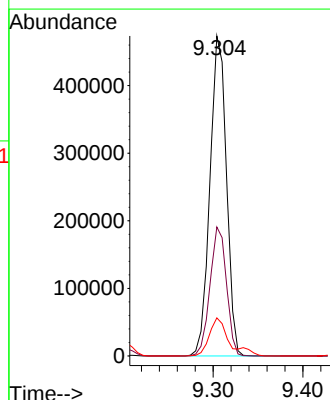
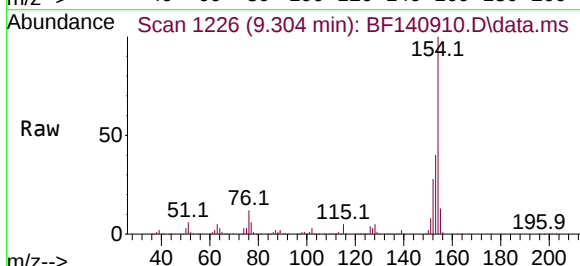
Tgt Ion:154 Resp: 604700

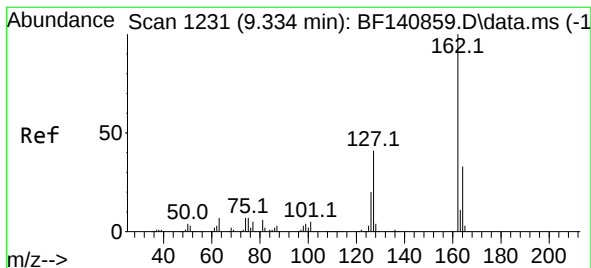
Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.747 ng

RT: 9.333 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

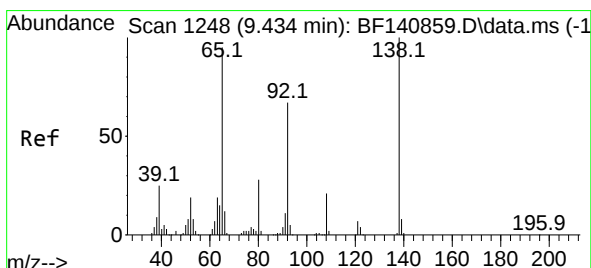
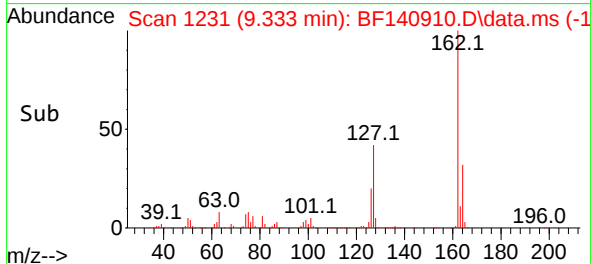
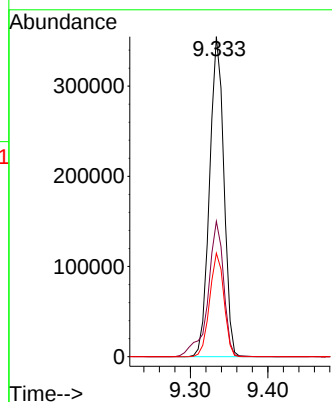
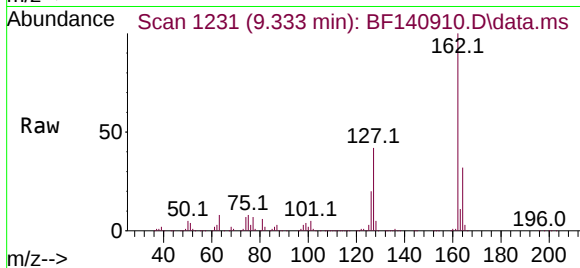
Tgt Ion:162 Resp: 454352

Ion Ratio Lower Upper

162 100

127 42.3 33.5 50.3

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 49.655 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

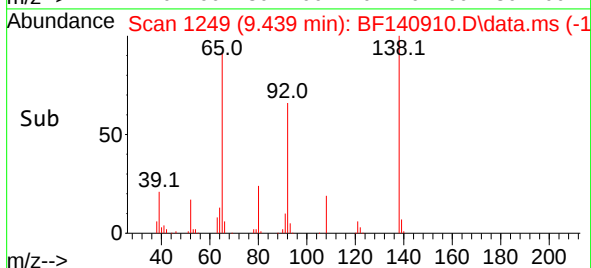
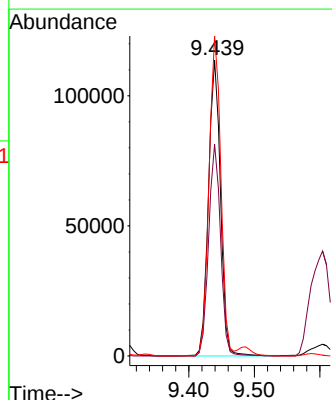
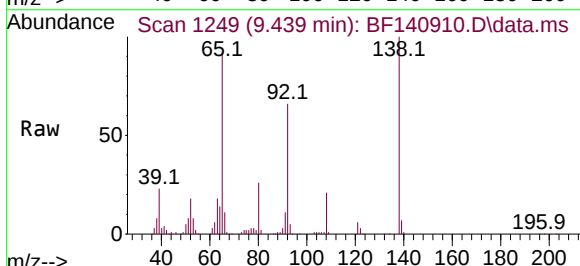
Tgt Ion: 65 Resp: 145755

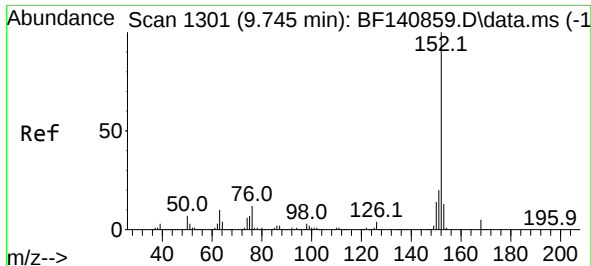
Ion Ratio Lower Upper

65 100

92 71.5 56.3 84.5

138 108.1 83.8 125.6





#49

Acenaphthylene

Concen: 51.063 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

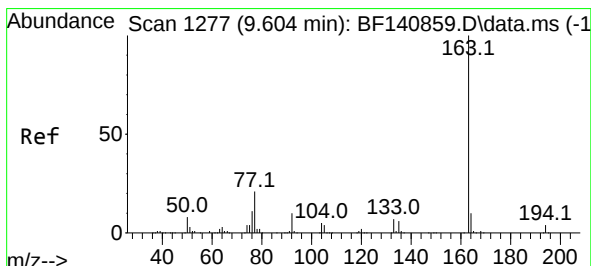
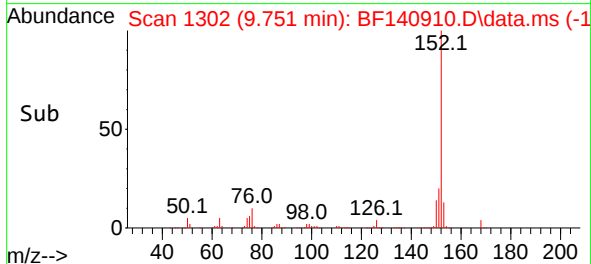
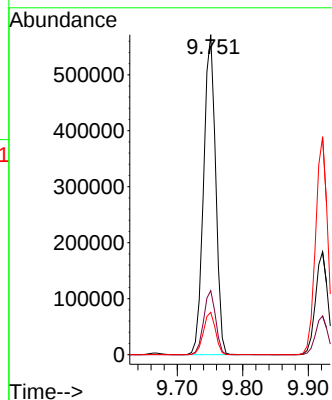
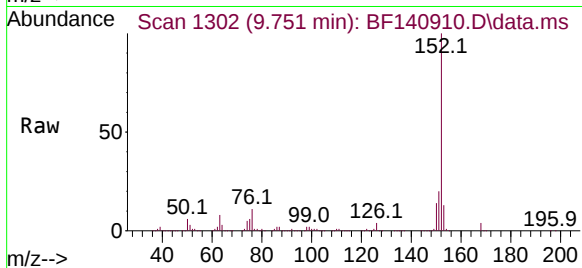
Tgt Ion:152 Resp: 729343

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 48.871 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

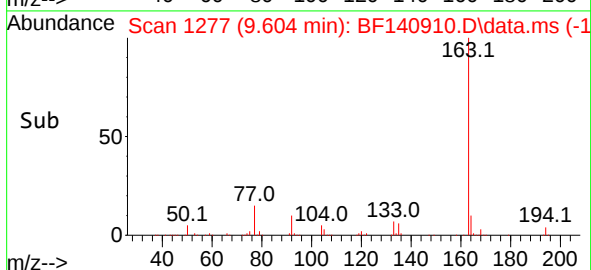
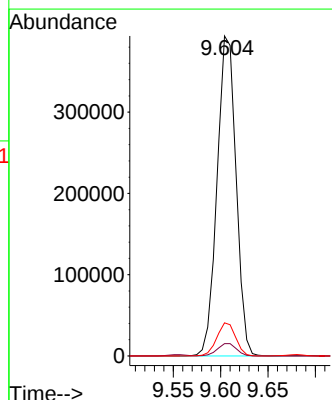
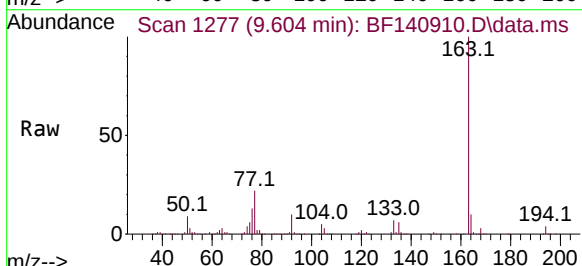
Tgt Ion:163 Resp: 550494

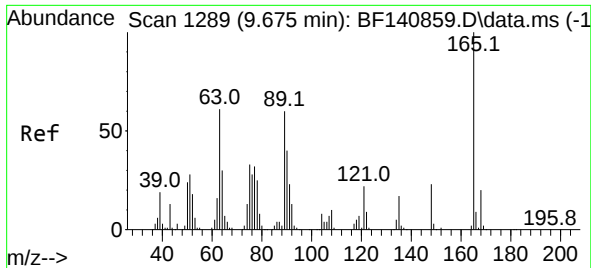
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.1 12.1

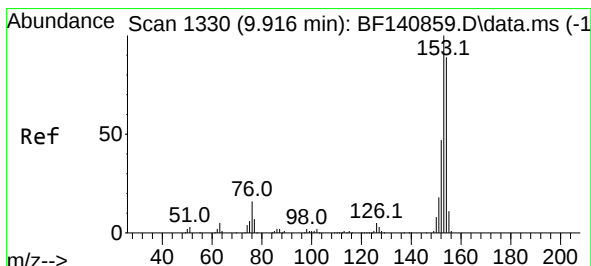
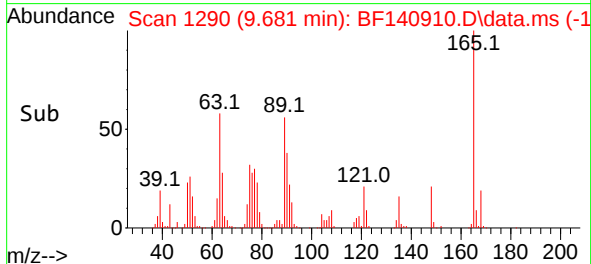
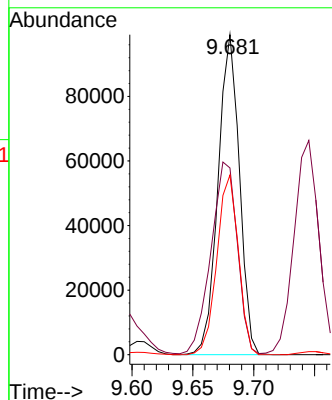
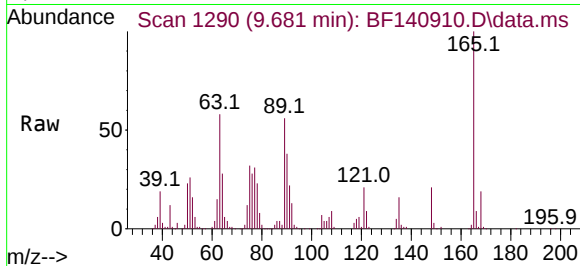




#51  
2,6-Dinitrotoluene  
Concen: 46.966 ng  
RT: 9.681 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

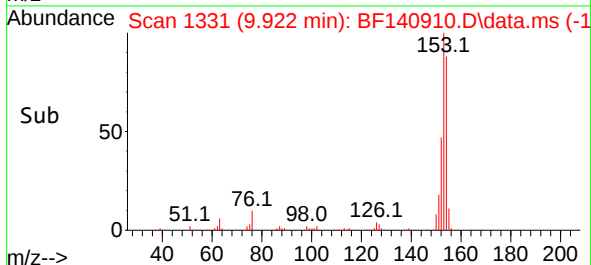
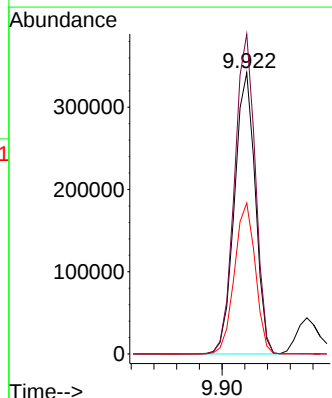
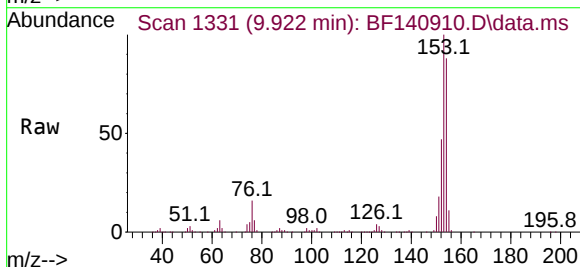
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

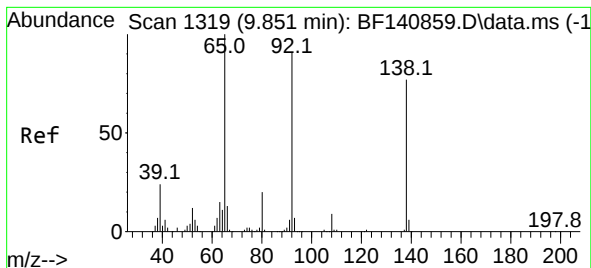
Tgt Ion:165 Resp: 120943  
Ion Ratio Lower Upper  
165 100  
63 58.4 49.7 74.5  
89 56.2 48.2 72.4



#52  
Acenaphthene  
Concen: 47.786 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:154 Resp: 435991  
Ion Ratio Lower Upper  
154 100  
153 113.8 89.9 134.9  
152 53.7 42.6 63.8





#53

3-Nitroaniline

Concen: 28.035 ng

RT: 9.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

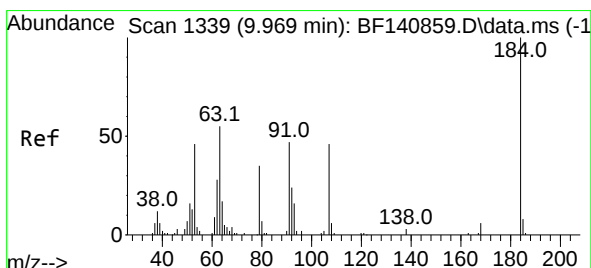
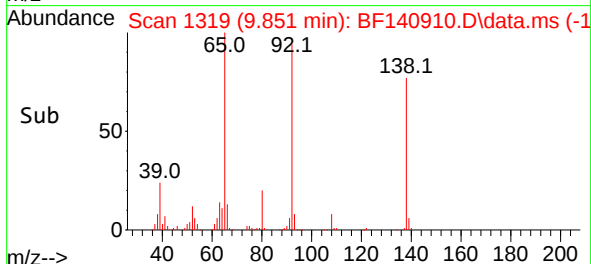
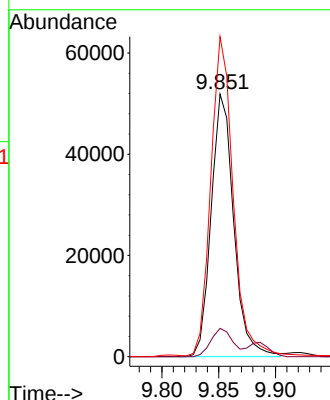
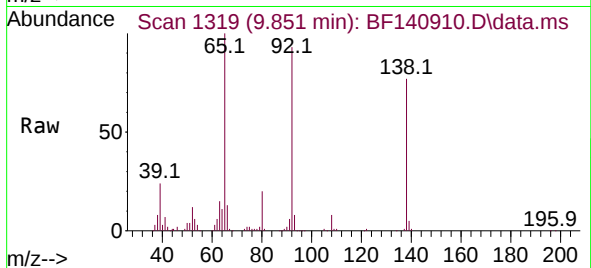
Tgt Ion:138 Resp: 71643

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.4

92 121.9 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 84.477 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

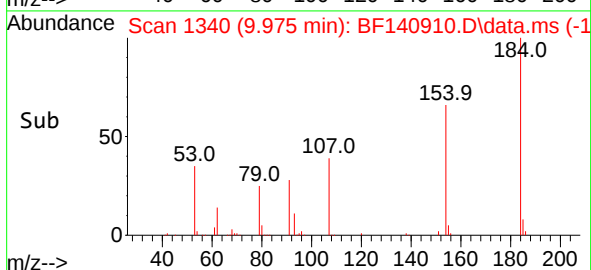
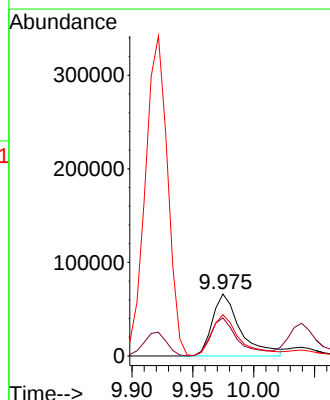
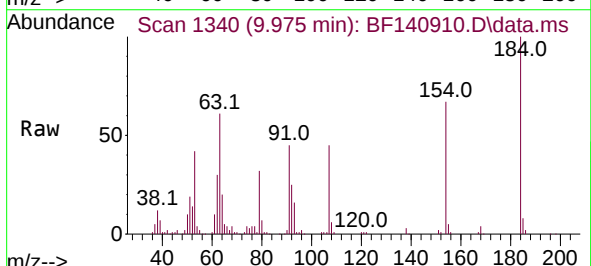
Tgt Ion:184 Resp: 106643

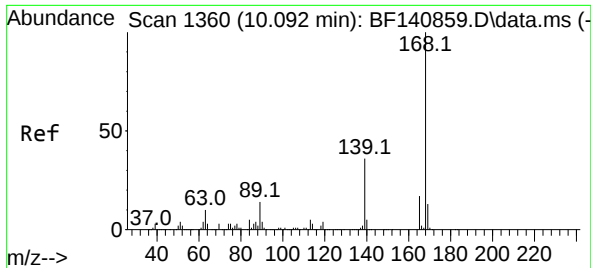
Ion Ratio Lower Upper

184 100

63 61.3 51.6 77.4

154 66.5 56.1 84.1

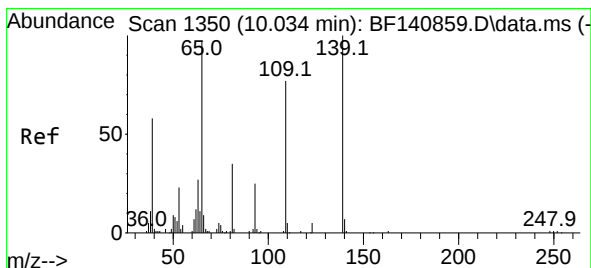
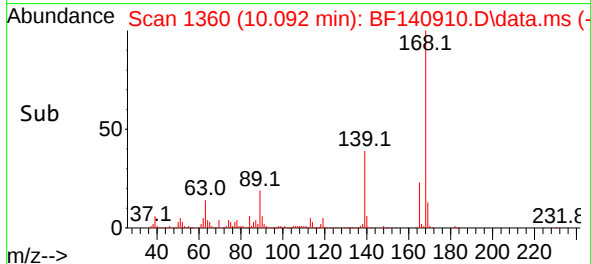
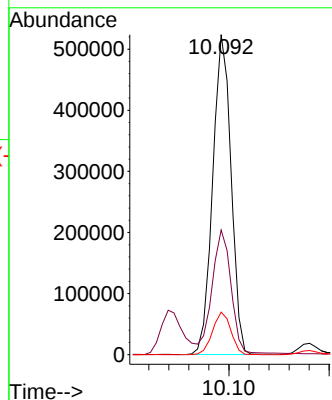
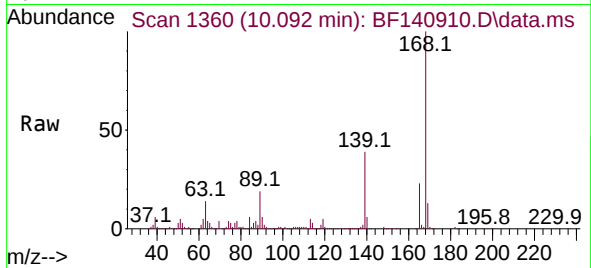




#55  
Dibenzenofuran  
Concen: 46.988 ng  
RT: 10.092 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

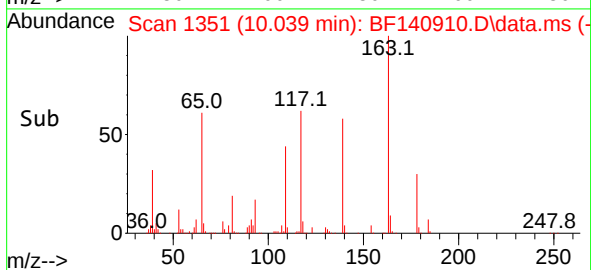
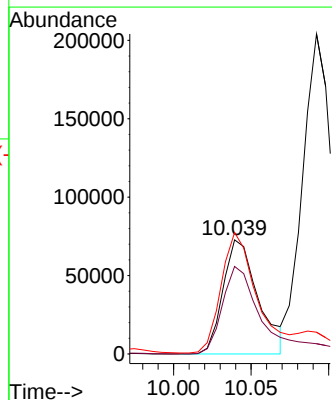
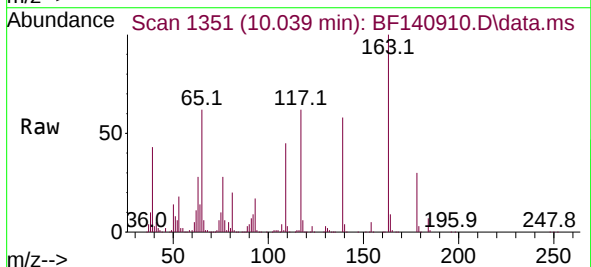
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

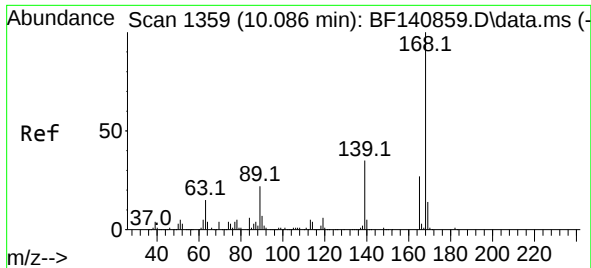
Tgt Ion:168 Resp: 664321  
Ion Ratio Lower Upper  
168 100  
139 39.0 31.1 46.7  
169 13.3 10.6 16.0



#56  
4-Nitrophenol  
Concen: 83.125 ng  
RT: 10.039 min Scan# 1351  
Delta R.T. 0.005 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:139 Resp: 114518  
Ion Ratio Lower Upper  
139 100  
109 76.6 56.7 96.7  
65 106.4 78.1 118.1

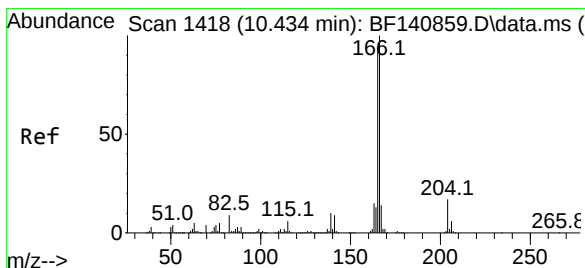
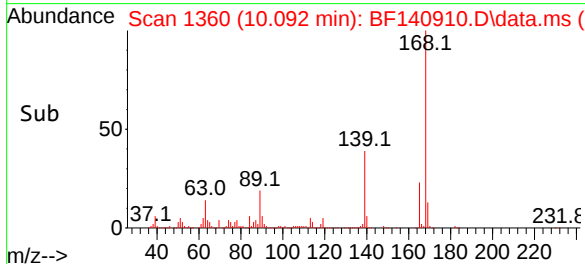
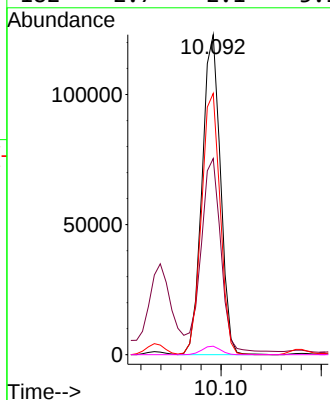
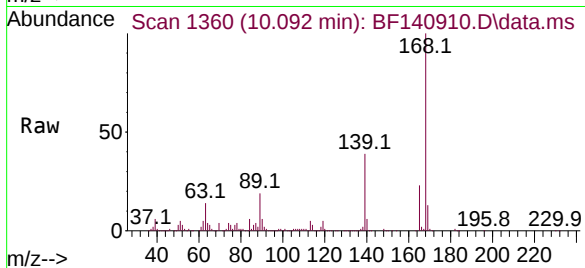




#57  
2,4-Dinitrotoluene  
Concen: 46.241 ng  
RT: 10.092 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

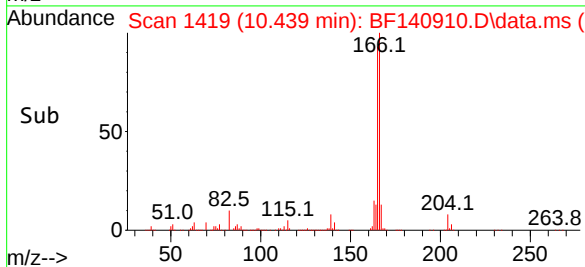
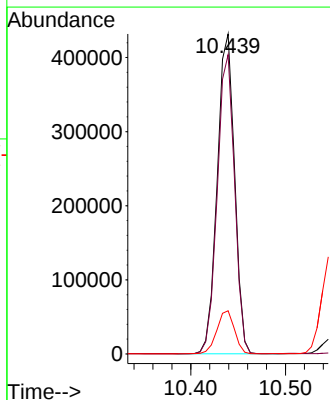
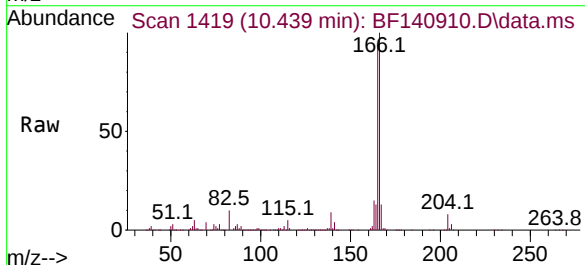
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

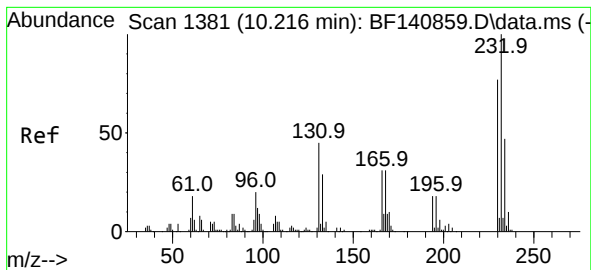
Tgt Ion:165 Resp: 156673  
Ion Ratio Lower Upper  
165 100  
63 61.3 49.3 73.9  
89 81.7 66.2 99.4  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 47.089 ng  
RT: 10.439 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

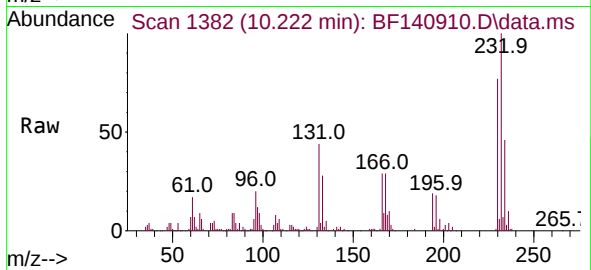
Tgt Ion:166 Resp: 549228  
Ion Ratio Lower Upper  
166 100  
165 93.5 75.1 112.7  
167 13.5 11.1 16.7



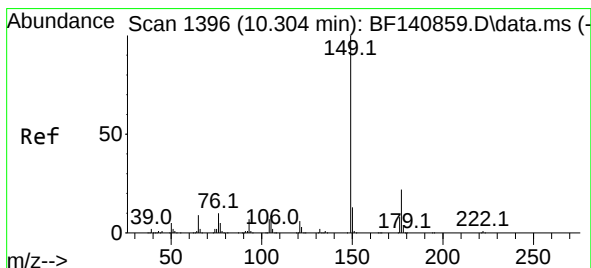
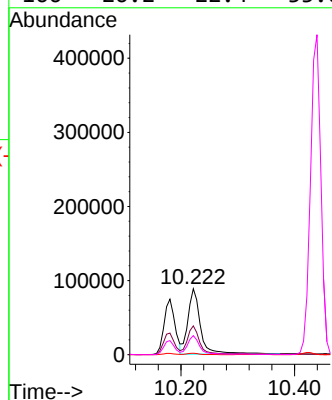
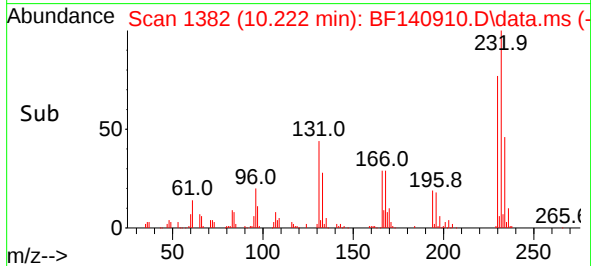


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.994 ng  
RT: 10.222 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

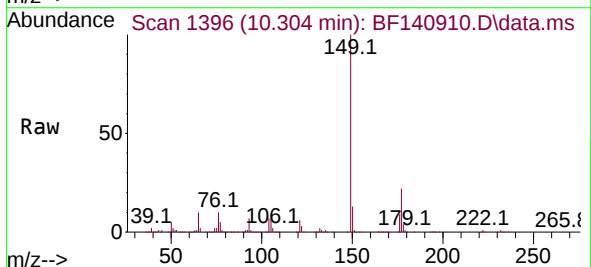
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD



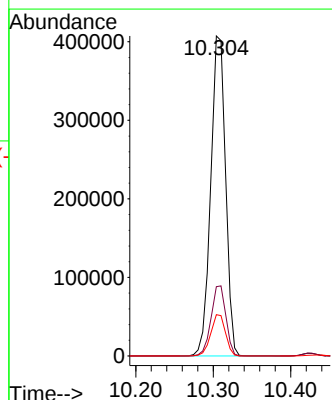
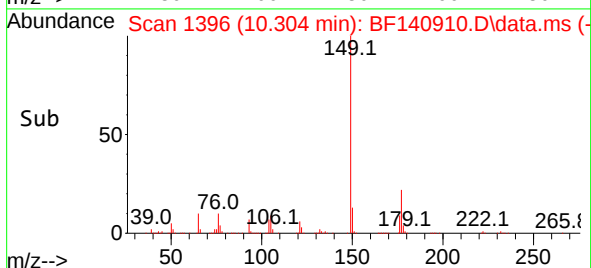
Tgt Ion:232 Resp: 134641  
Ion Ratio Lower Upper  
232 100  
131 39.6 35.1 52.7  
130 2.2 1.8 2.8  
166 26.2 22.4 33.6

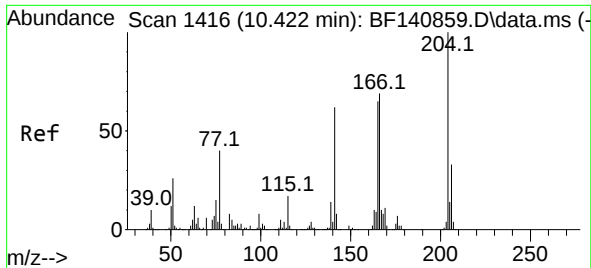


#60  
Diethylphthalate  
Concen: 46.472 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12



Tgt Ion:149 Resp: 542825  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.2 25.8  
150 12.9 10.1 15.1

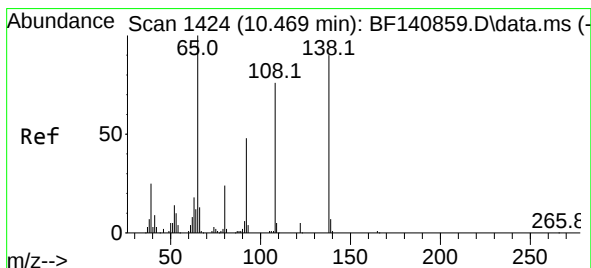
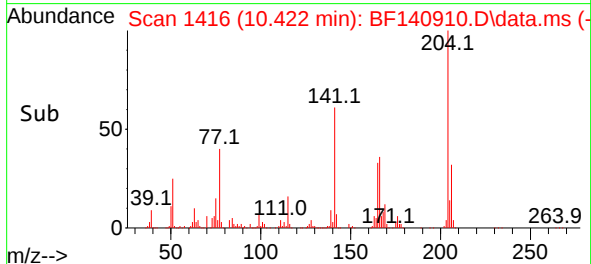
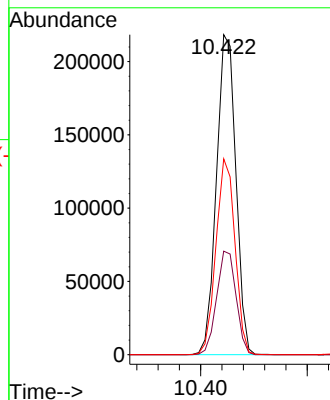
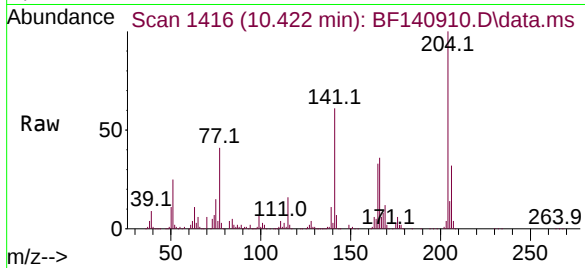




#61  
4-Chlorophenyl-phenylether  
Concen: 47.074 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

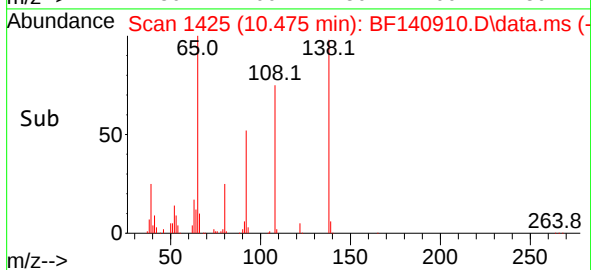
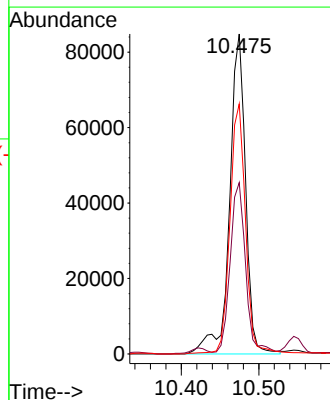
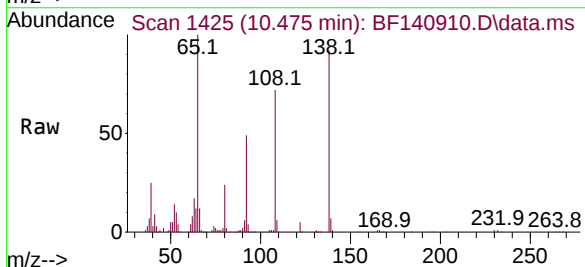
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

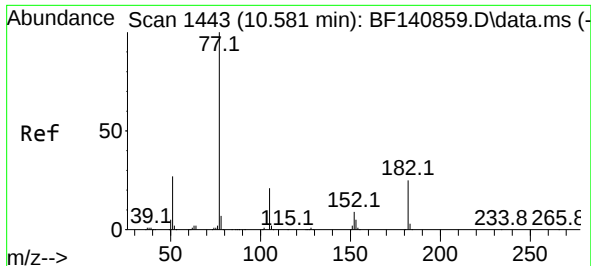
Tgt Ion:204 Resp: 275805  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.5 39.7  
141 61.2 50.0 75.0



#62  
4-Nitroaniline  
Concen: 45.636 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:138 Resp: 121870  
Ion Ratio Lower Upper  
138 100  
92 53.6 32.6 72.6  
108 78.2 64.1 104.1

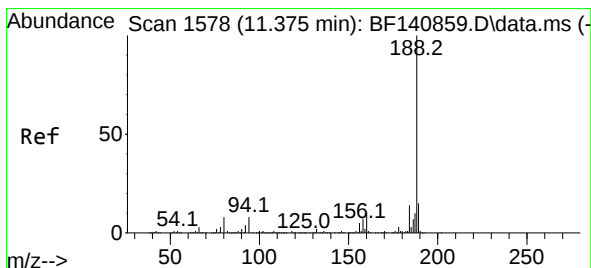
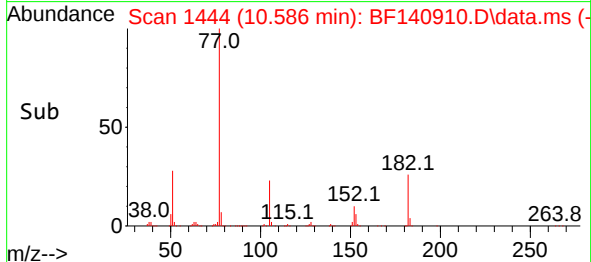
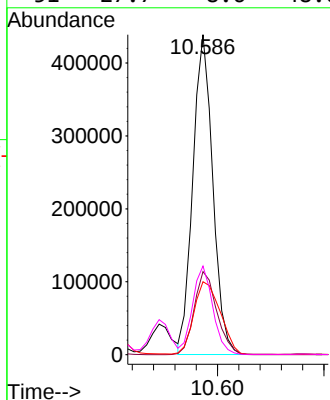
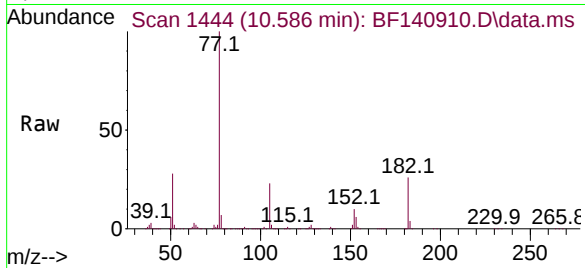




#63  
Azobenzene  
Concen: 52.020 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

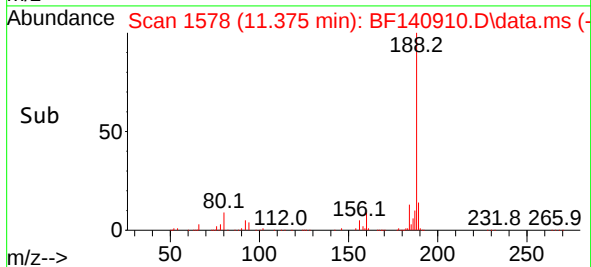
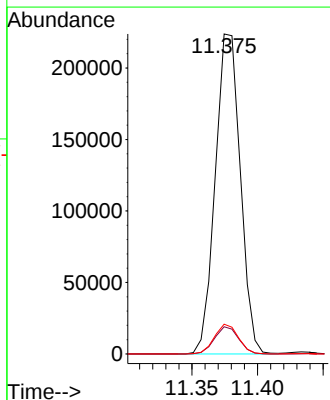
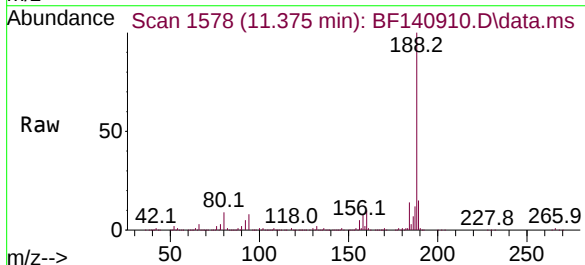
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

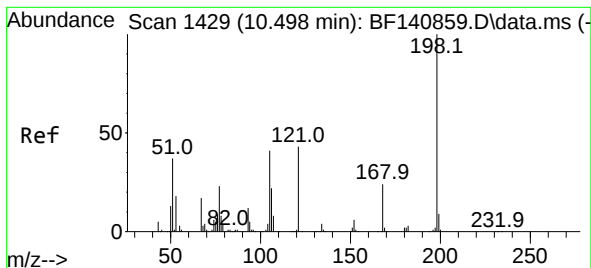
Tgt Ion: 77 Resp: 571243  
Ion Ratio Lower Upper  
77 100  
182 26.0 4.5 44.5  
105 22.8 0.9 40.9  
51 27.7 8.6 48.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion: 188 Resp: 297605  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.4 9.6  
80 9.3 6.8 10.2

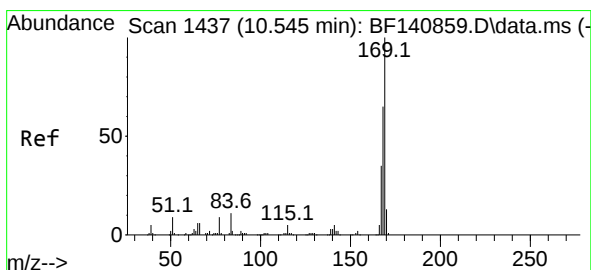
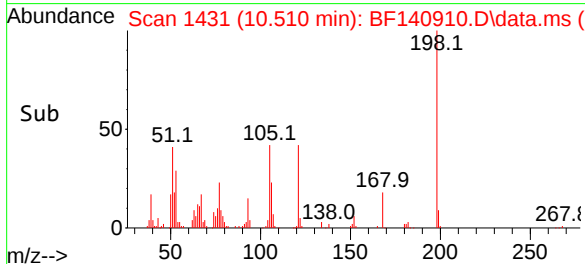
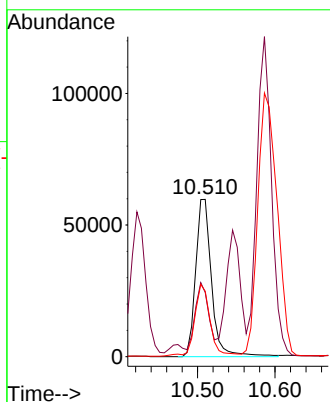
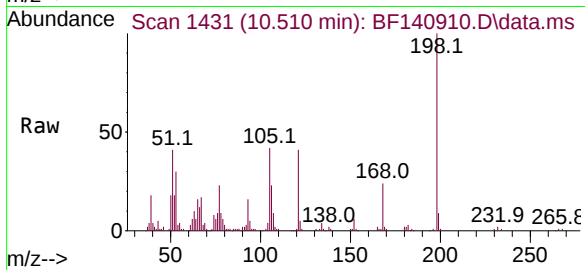




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.482 ng  
RT: 10.510 min Scan# 1429  
Delta R.T. 0.012 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

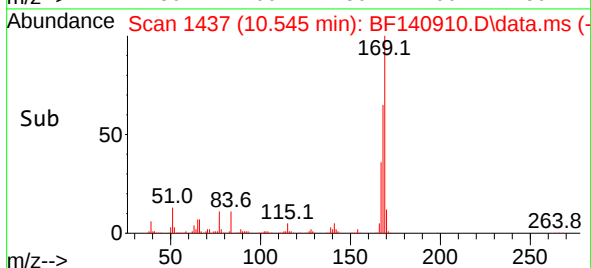
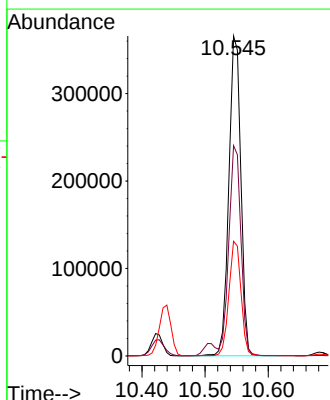
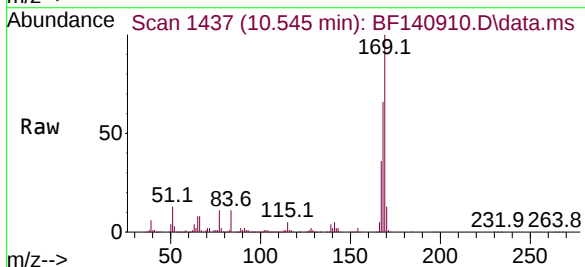
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

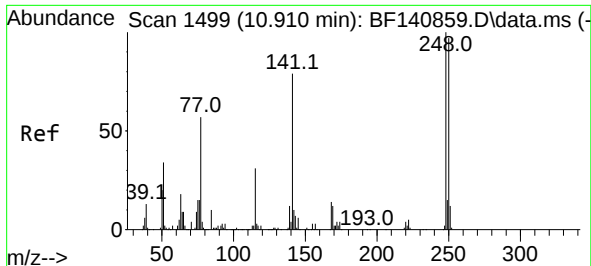
Tgt Ion:198 Resp: 85133  
Ion Ratio Lower Upper  
198 100  
51 40.8 24.4 64.4  
105 41.6 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 52.490 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:169 Resp: 480286  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.4 80.0  
167 35.8 28.3 42.5

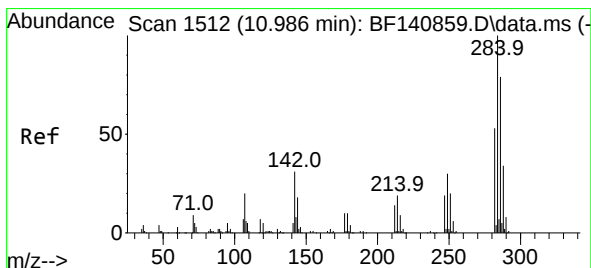
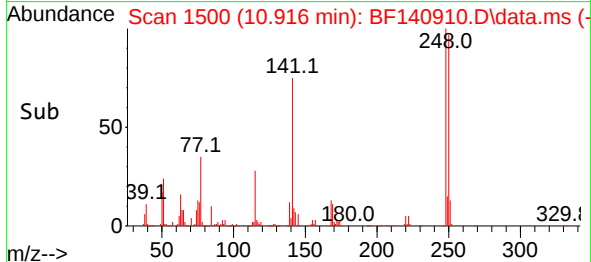
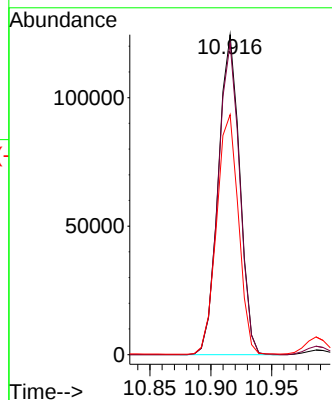
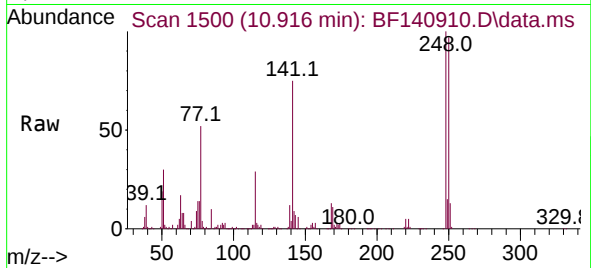




#67  
4-Bromophenyl-phenylether  
Concen: 45.704 ng  
RT: 10.916 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

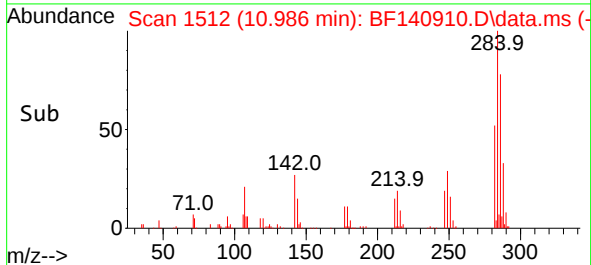
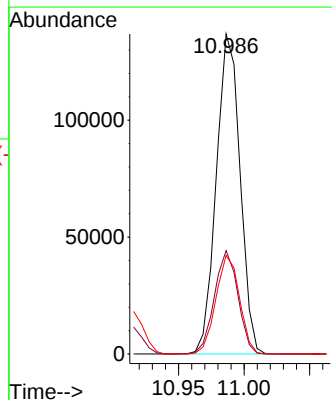
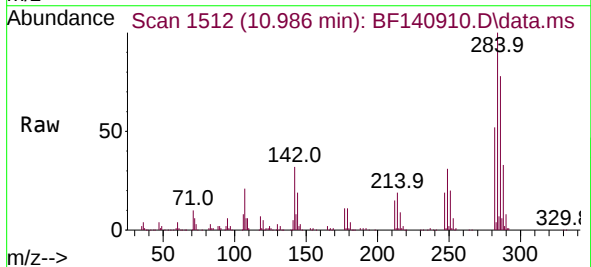
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

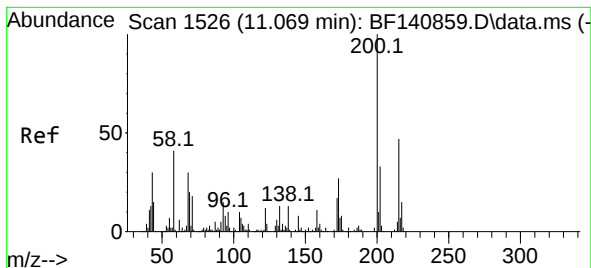
Tgt Ion:248 Resp: 152167  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.4 116.2  
141 75.0 62.9 94.3



#68  
Hexachlorobenzene  
Concen: 45.561 ng  
RT: 10.986 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:284 Resp: 171984  
Ion Ratio Lower Upper  
284 100  
142 32.3 24.6 36.8  
249 30.8 24.3 36.5





#69

Atrazine

Concen: 59.135 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

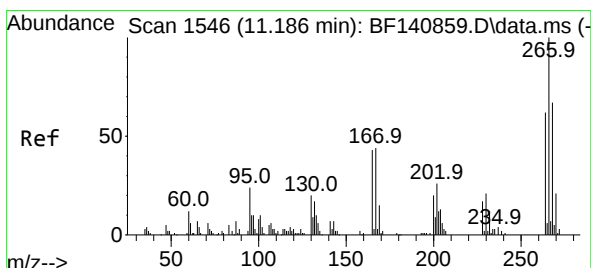
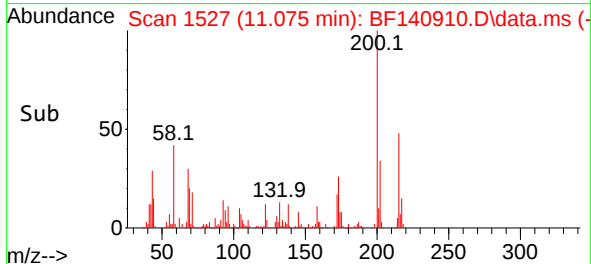
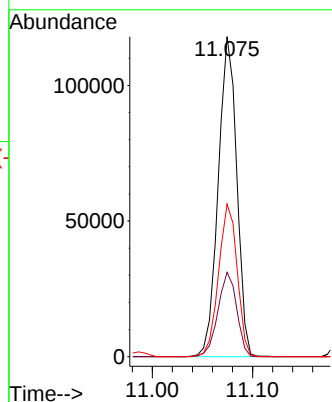
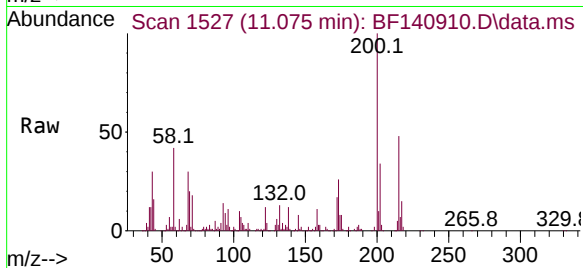
Tgt Ion:200 Resp: 151118

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 88.310 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

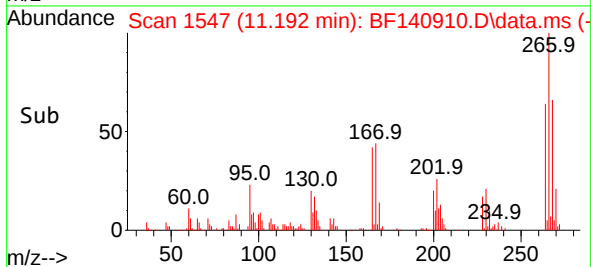
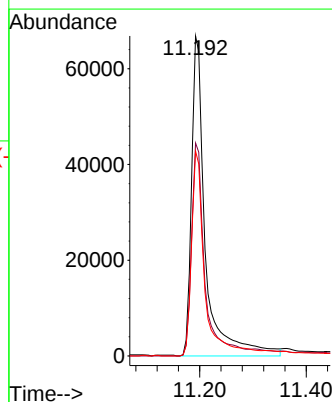
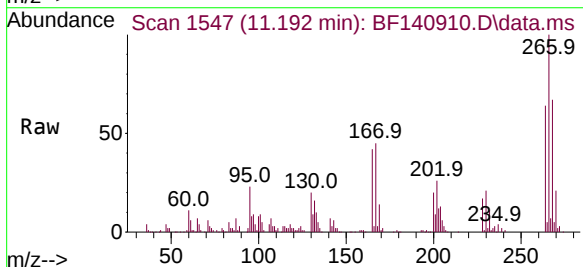
Tgt Ion:266 Resp: 121877

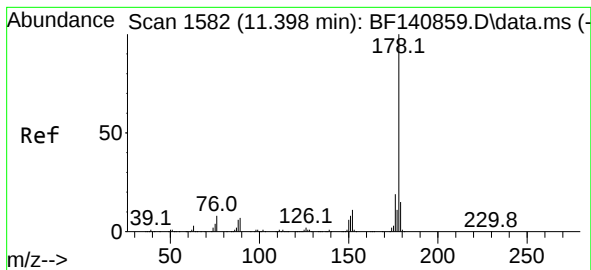
Ion Ratio Lower Upper

266 100

268 66.6 54.0 81.0

264 64.0 49.4 74.2





#71

Phenanthrene

Concen: 50.162 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

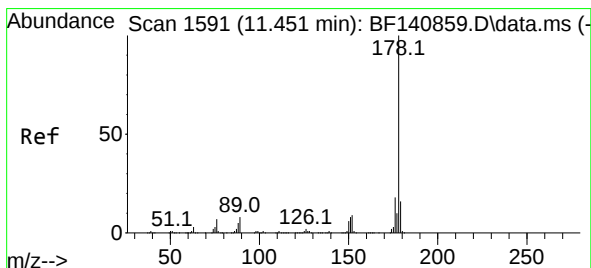
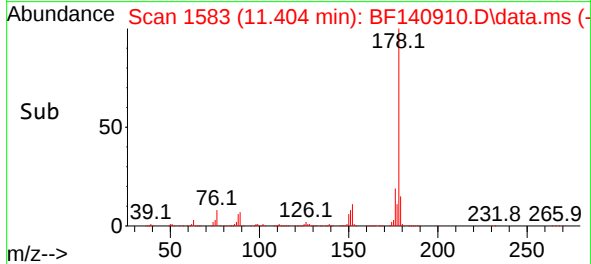
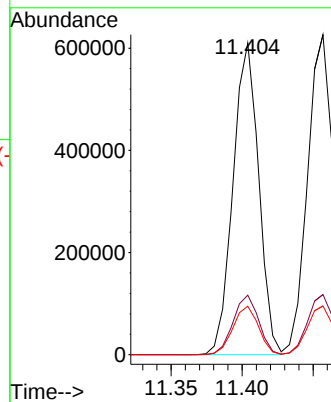
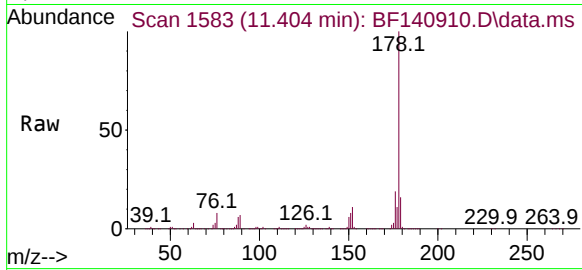
Tgt Ion:178 Resp: 767681

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.6 12.1 18.1



#72

Anthracene

Concen: 52.683 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

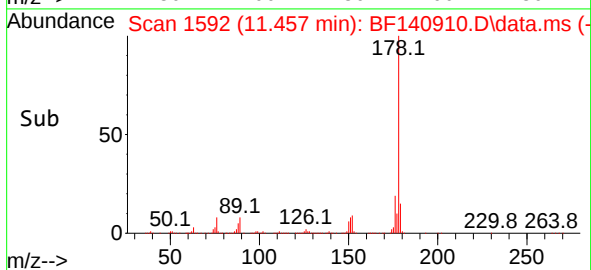
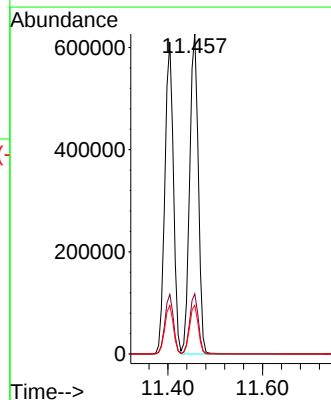
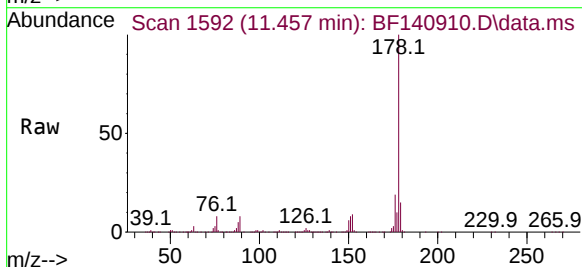
Tgt Ion:178 Resp: 794007

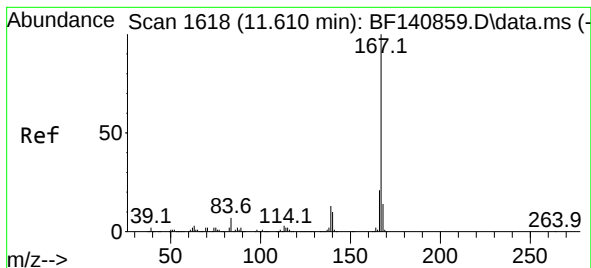
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.2 12.6 18.8





#73

Carbazole

Concen: 46.980 ng

RT: 11.616 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF140910.D

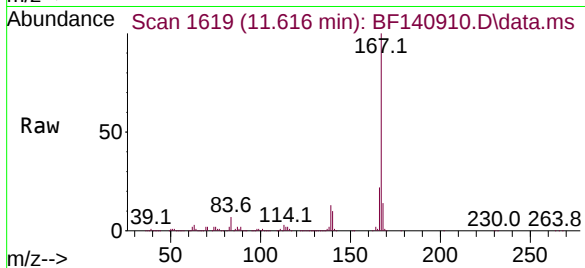
Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD



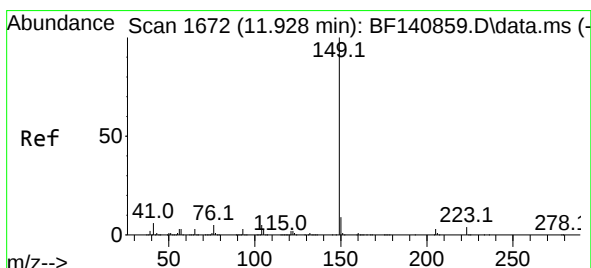
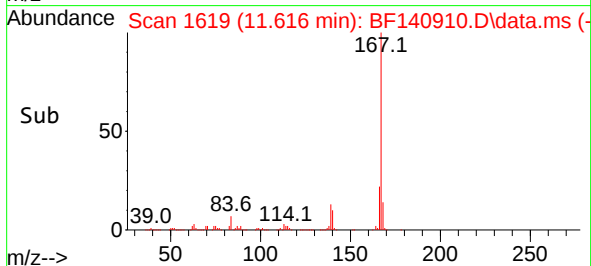
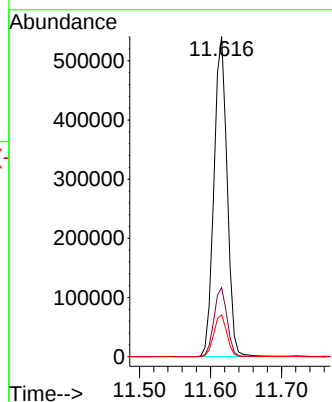
Tgt Ion:167 Resp: 693535

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 167 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 166 | 21.5 | 17.0 | 25.6 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 139 | 13.1 | 10.2 | 15.2 |
|-----|------|------|------|



#74

Di-n-butylphthalate

Concen: 49.058 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

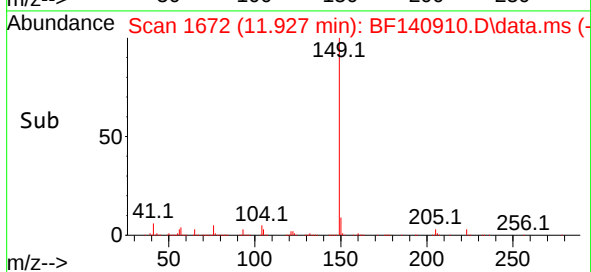
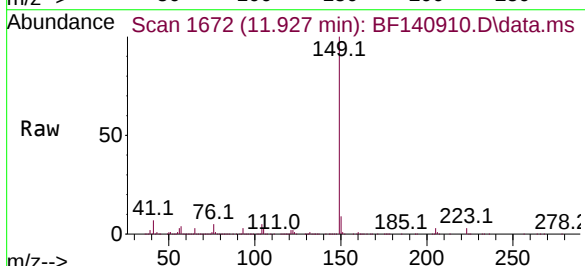
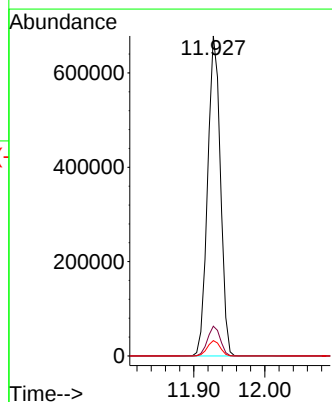
Tgt Ion:149 Resp: 849944

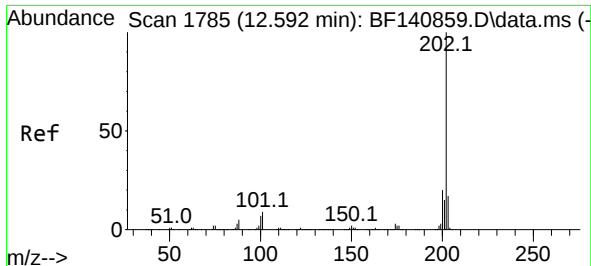
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 149 | 100 |  |  |
|-----|-----|--|--|

|     |     |     |      |
|-----|-----|-----|------|
| 150 | 9.3 | 7.5 | 11.3 |
|-----|-----|-----|------|

|     |     |     |     |
|-----|-----|-----|-----|
| 104 | 4.8 | 3.8 | 5.8 |
|-----|-----|-----|-----|

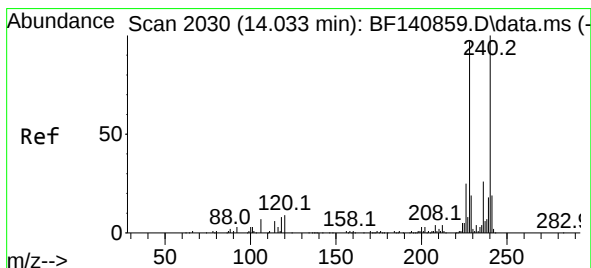
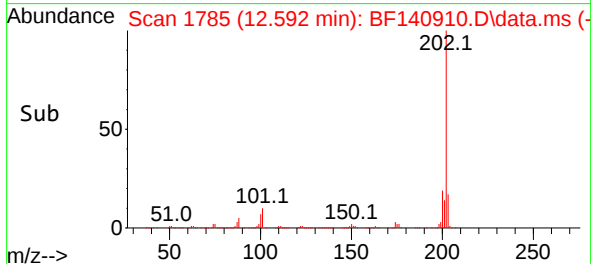
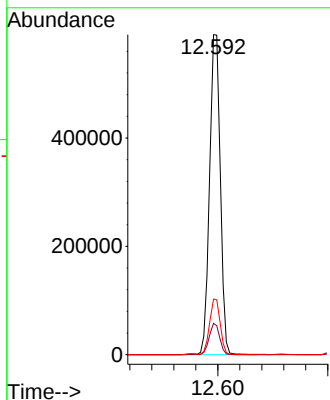
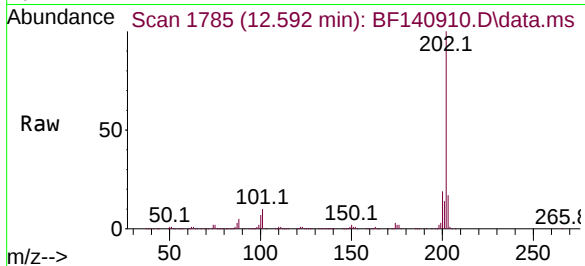




#75  
Fluoranthene  
Concen: 45.433 ng  
RT: 12.592 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

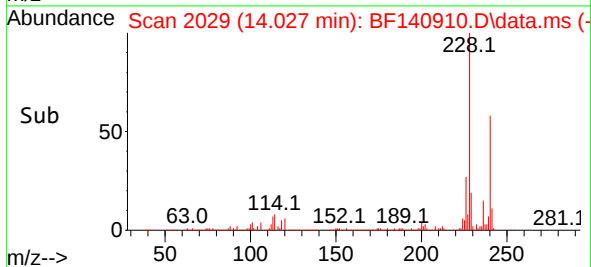
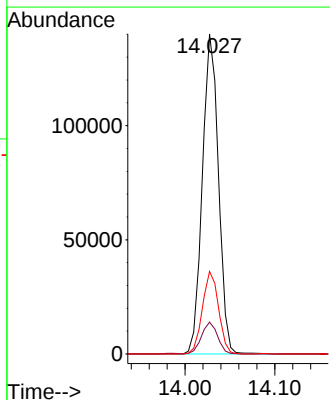
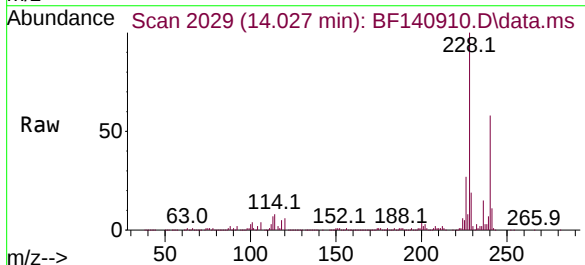
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

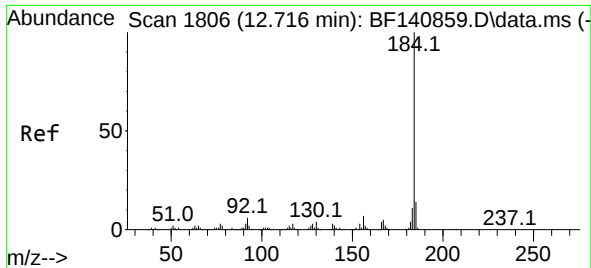
Tgt Ion:202 Resp: 800765  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 29.3  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2029  
Delta R.T. -0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:240 Resp: 174501  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.6 11.4  
236 25.8 20.5 30.7

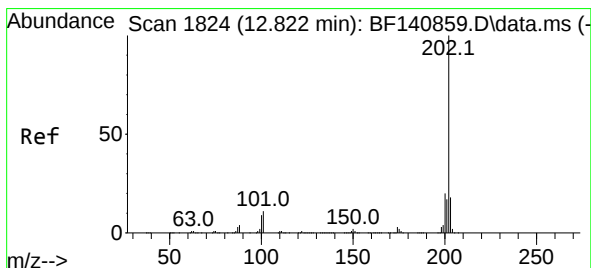
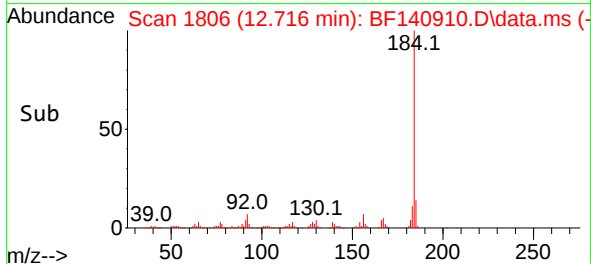
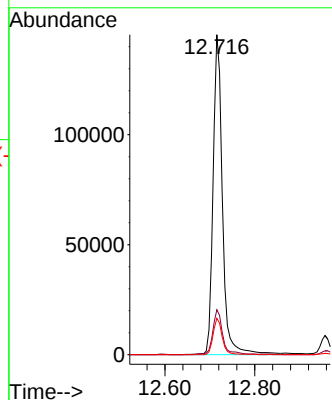
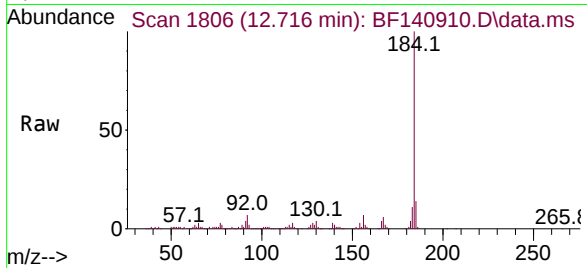




#77  
Benzidine  
Concen: 59.309 ng  
RT: 12.716 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

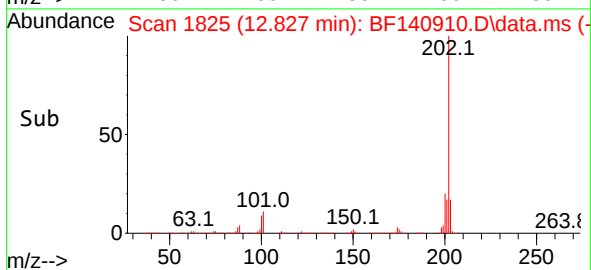
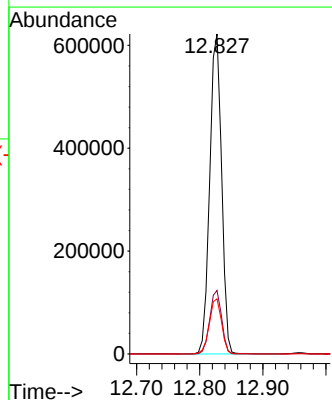
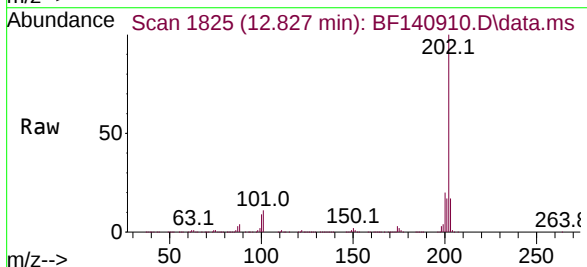
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

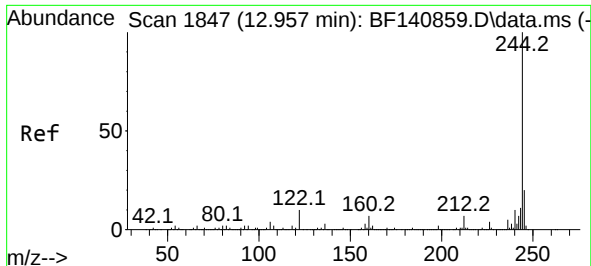
Tgt Ion:184 Resp: 211228  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.1 16.7  
183 11.3 9.0 13.4



#78  
Pyrene  
Concen: 52.188 ng  
RT: 12.827 min Scan# 1825  
Delta R.T. 0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

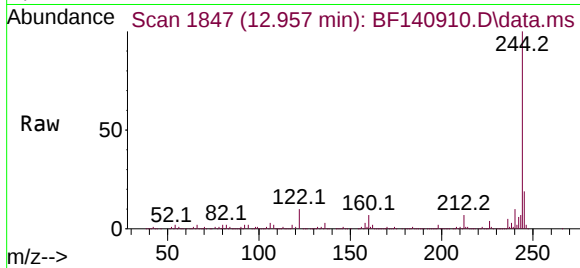
Tgt Ion:202 Resp: 809838  
Ion Ratio Lower Upper  
202 100  
200 19.9 16.1 24.1  
203 17.3 14.2 21.4





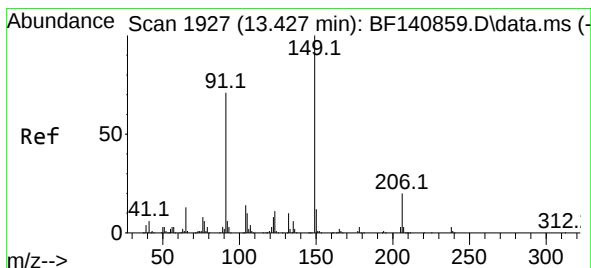
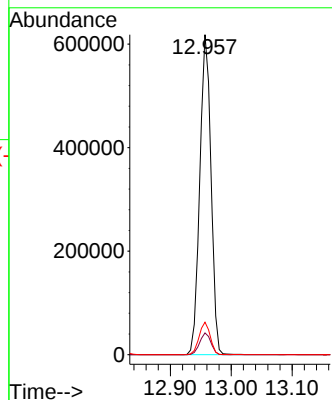
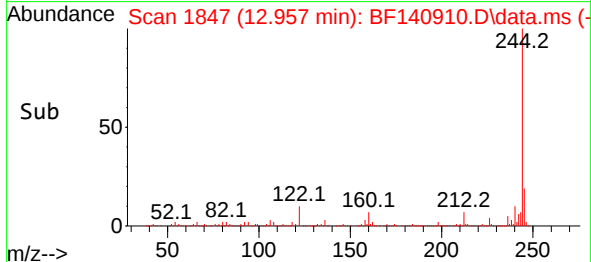
#79  
 Terphenyl-d14  
 Concen: 71.529 ng  
 RT: 12.957 min Scan# 1847  
 Delta R.T. -0.000 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1AMSD



Tgt Ion:244 Resp: 791563  

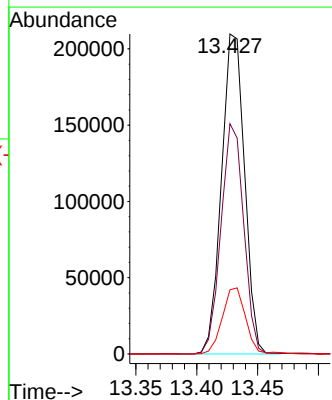
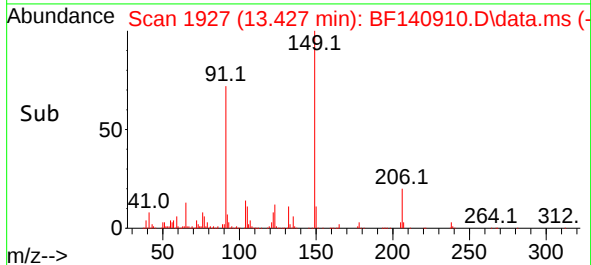
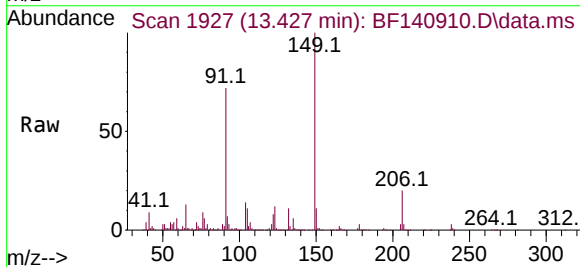
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.6   | 8.4   |
| 122 | 10.2  | 8.2   | 12.2  |

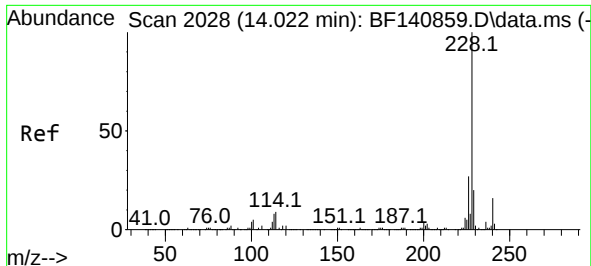


#80  
 Butylbenzylphthalate  
 Concen: 48.498 ng  
 RT: 13.427 min Scan# 1927  
 Delta R.T. -0.000 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

Tgt Ion:149 Resp: 276908  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 72.0  | 56.7  | 85.1  |
| 206 | 20.0  | 16.4  | 24.6  |

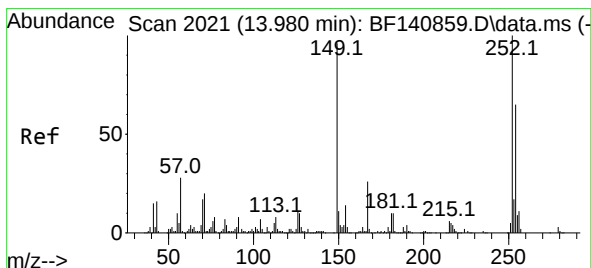
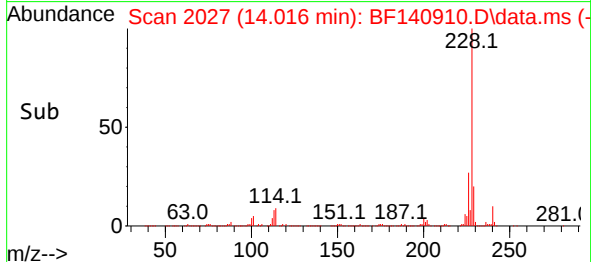
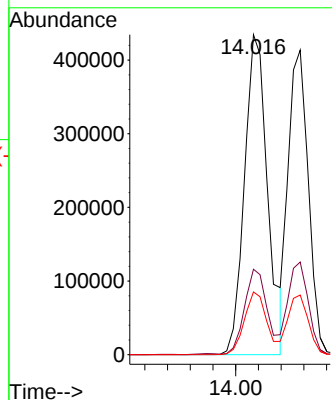
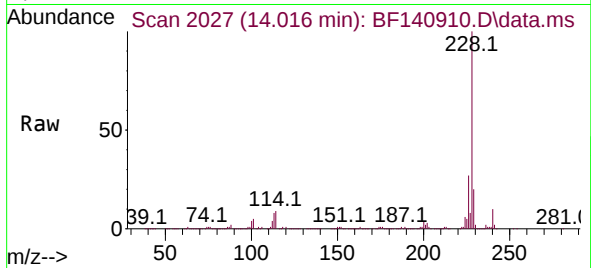




#81  
Benzo(a)anthracene  
Concen: 49.601 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

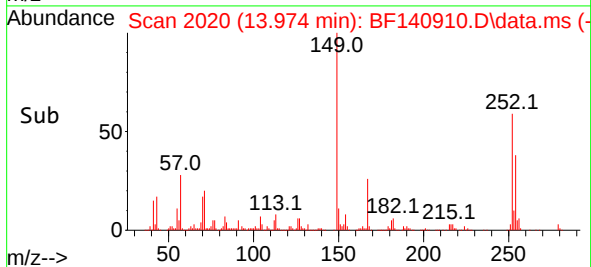
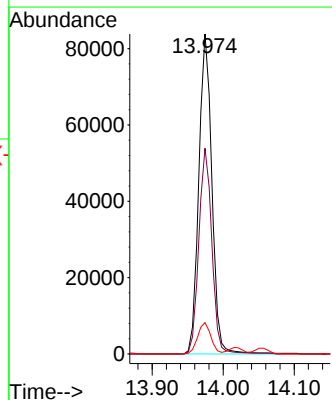
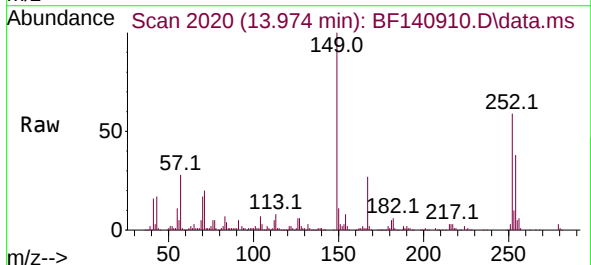
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1AMSD

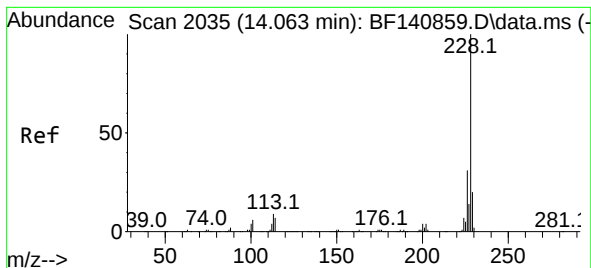
Tgt Ion:228 Resp: 613436  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.8 32.8  
229 19.6 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 28.840 ng  
RT: 13.974 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BF140910.D  
Acq: 18 Dec 2024 17:12

Tgt Ion:252 Resp: 107611  
Ion Ratio Lower Upper  
252 100  
254 64.3 52.3 78.5  
126 9.8 8.4 12.6





#83

Chrysene

Concen: 45.162 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

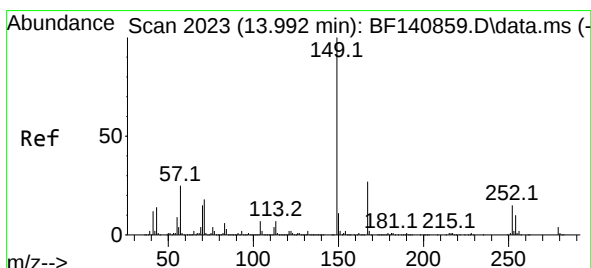
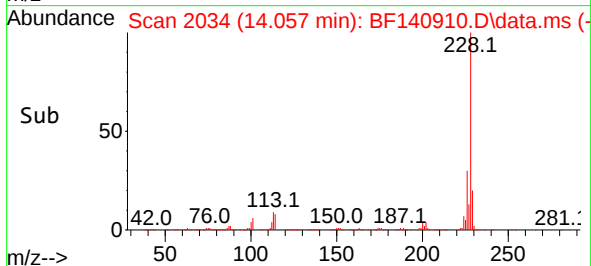
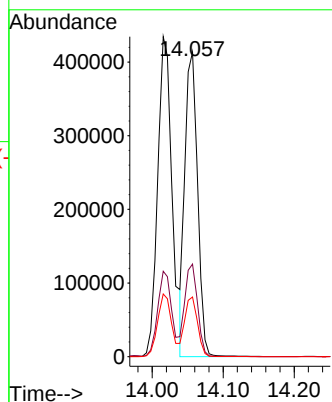
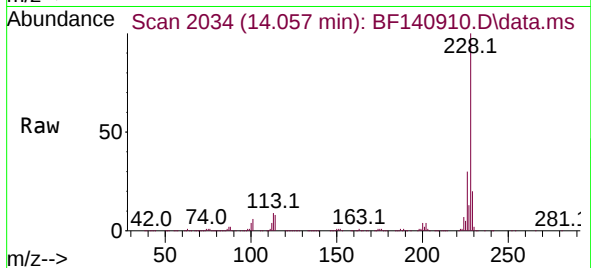
Tgt Ion:228 Resp: 507901

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.097 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

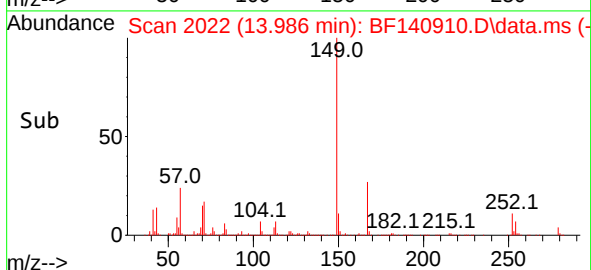
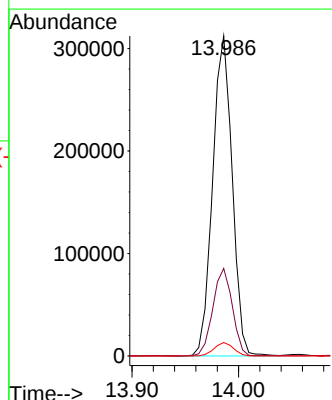
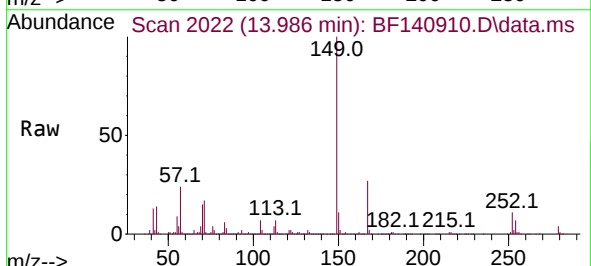
Tgt Ion:149 Resp: 398277

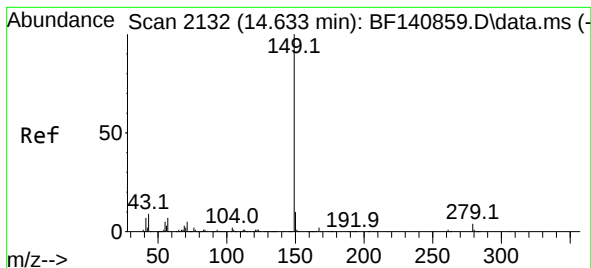
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 60.051 ng

RT: 14.604 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

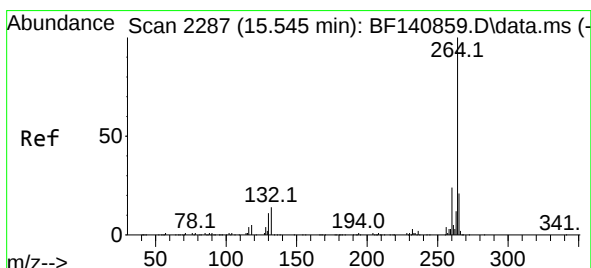
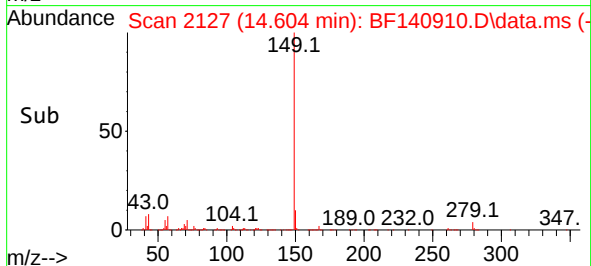
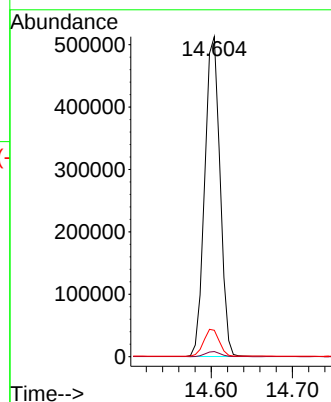
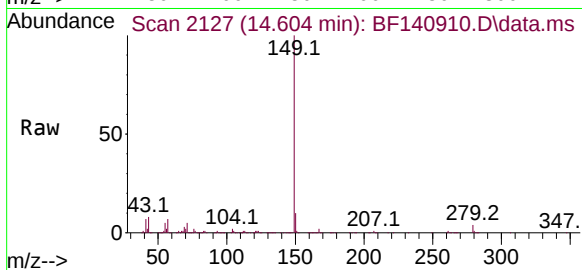
Tgt Ion:149 Resp: 668869

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.035 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

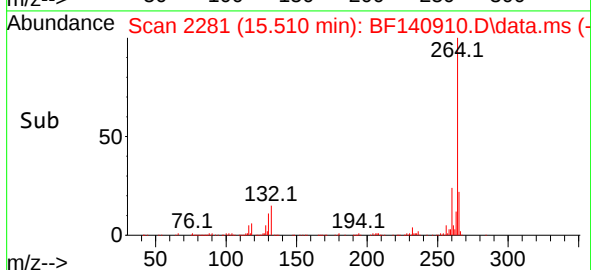
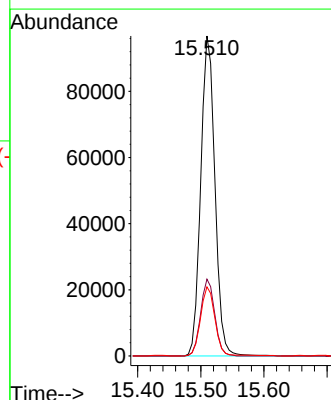
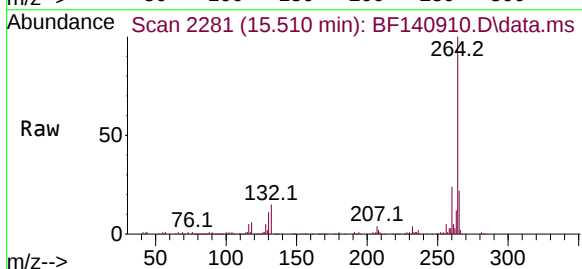
Tgt Ion:264 Resp: 150856

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.974 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

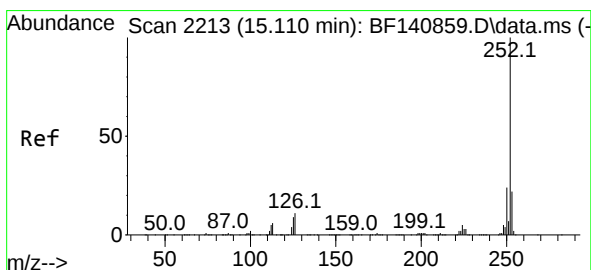
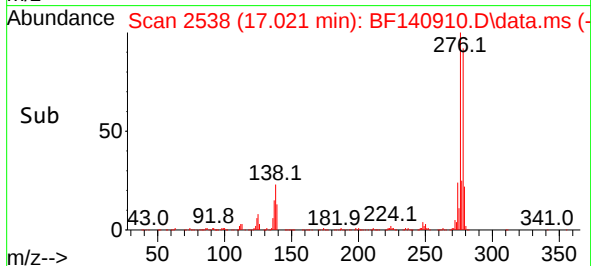
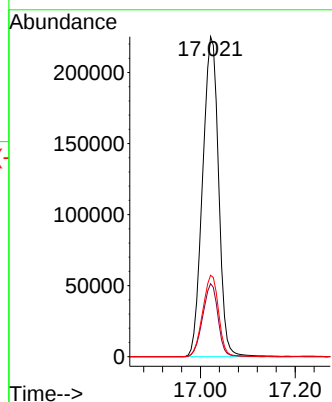
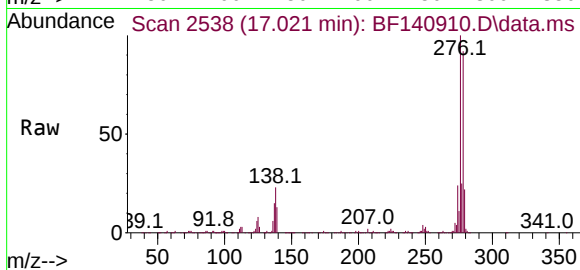
Tgt Ion:276 Resp: 526943

Ion Ratio Lower Upper

276 100

138 21.9 16.9 25.3

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.035 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.030 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

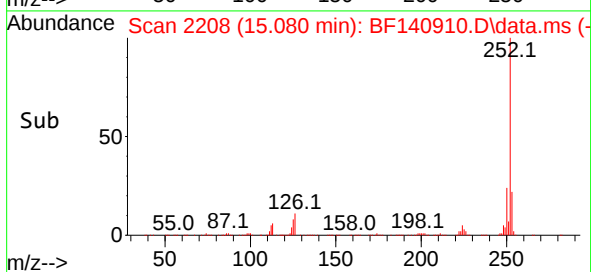
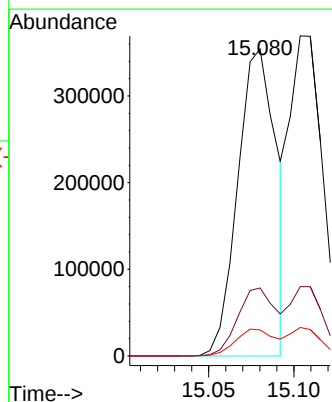
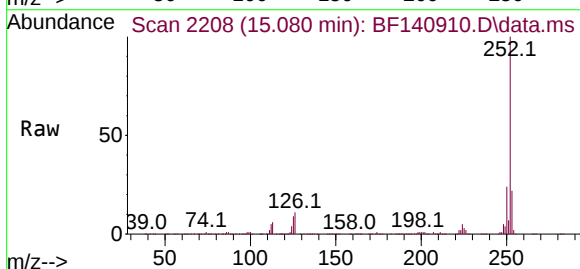
Tgt Ion:252 Resp: 555365

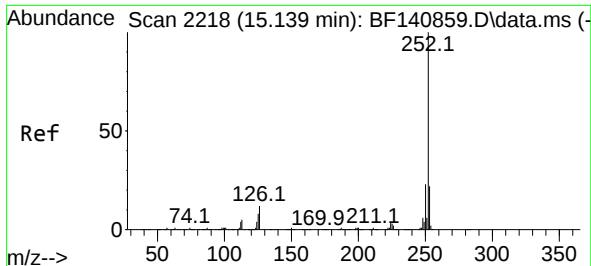
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 55.973 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA\_F

ClientSampleId :

COMP-1AMSD

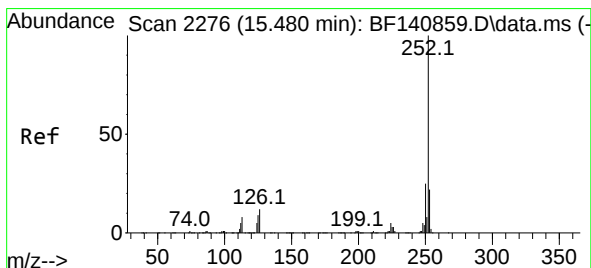
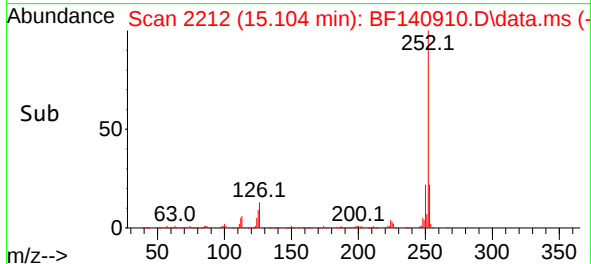
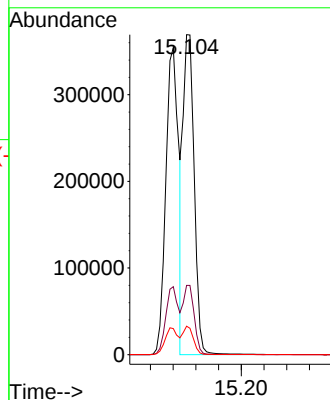
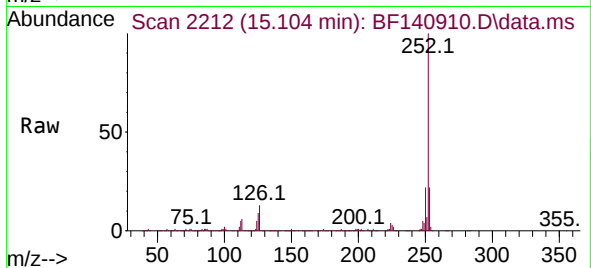
Tgt Ion:252 Resp: 502785

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.9 6.8 10.2



#90

Benzo(a)pyrene

Concen: 51.853 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.029 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

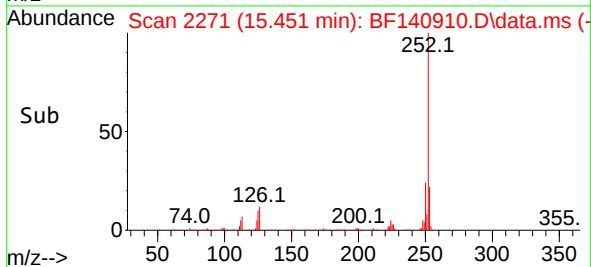
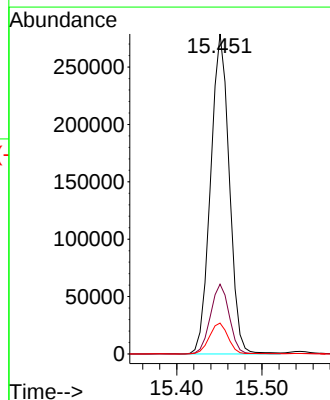
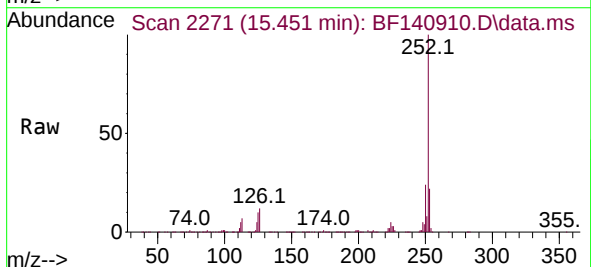
Tgt Ion:252 Resp: 425179

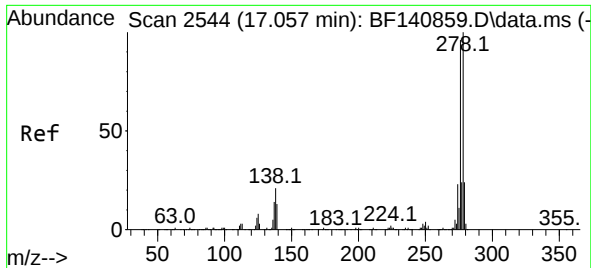
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.7 7.5 11.3

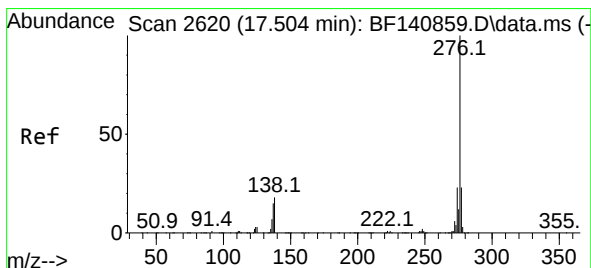
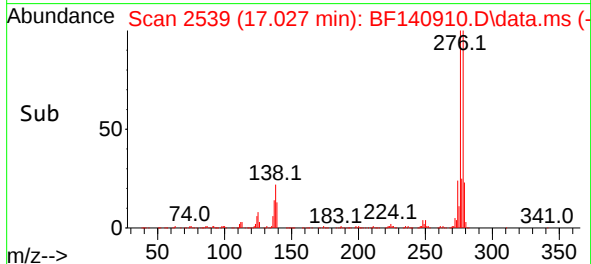
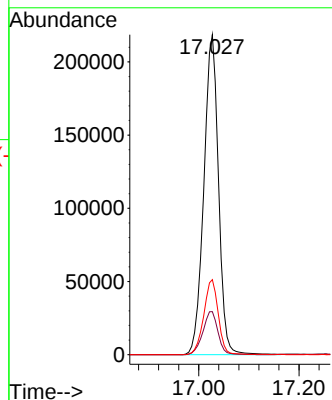
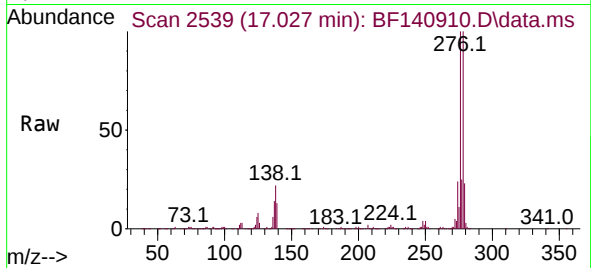




#91  
 Dibenzo(a,h)anthracene  
 Concen: 56.930 ng  
 RT: 17.027 min Scan# 21  
 Delta R.T. -0.029 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1AMSD

Tgt Ion:278 Resp: 443997  
 Ion Ratio Lower Upper  
 278 100  
 139 13.4 10.6 16.0  
 279 23.4 19.2 28.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 43.069 ng  
 RT: 17.474 min Scan# 2615  
 Delta R.T. -0.029 min  
 Lab File: BF140910.D  
 Acq: 18 Dec 2024 17:12

Tgt Ion:276 Resp: 341863  
 Ion Ratio Lower Upper  
 276 100  
 277 23.5 18.7 28.1  
 138 17.6 14.2 21.2

