

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061125\  
 Data File : BF142723.D  
 Acq On : 11 Jun 2025 09:24  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 11 10:43:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 11 05:56:09 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 78219    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 306828   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 172169   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 291189   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 151467   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 144700   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 356932   | 77.718 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 427800   | 79.151 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 438940   | 78.292 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 150317   | 79.661 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1000211  | 77.182 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 909882   | 82.504 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 70362    | 38.713 | ng    | 99       |
| 3) Pyridine                   | 3.434  | 79   | 181890   | 39.912 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.393  | 42   | 92221    | 39.551 | ng    | 99       |
| 6) Aniline                    | 6.557  | 93   | 286728   | 39.637 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 196912   | 39.234 | ng    | 100      |
| 9) Benzaldehyde               | 6.445  | 77   | 128021   | 38.249 | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 238989   | 39.780 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 177643   | 39.588 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 223632   | 39.044 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 226923   | 39.202 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 216495   | 39.017 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 165174   | 40.433 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 281441   | 39.836 | ng    | 99       |
| 17) 2-Methylphenol            | 7.145  | 107  | 154089   | 40.048 | ng    | 100      |
| 18) Hexachloroethane          | 7.410  | 117  | 79503    | 38.325 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 139102   | 40.427 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 194307   | 40.057 | ng    | 96       |
| 22) Acetophenone              | 7.304  | 105  | 264649   | 38.775 | ng    | 99       |
| 24) Nitrobenzene              | 7.481  | 77   | 196237   | 39.438 | ng    | 98       |
| 25) Isophorone                | 7.716  | 82   | 376632   | 39.677 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.792  | 139  | 111614   | 40.193 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 186898   | 39.530 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 233354   | 39.595 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 174063   | 39.892 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 188170   | 39.027 | ng    | 99       |
| 31) Naphthalene               | 8.204  | 128  | 598797   | 39.461 | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 107892   | 40.520 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 244917   | 40.198 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 121013   | 39.386 | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 48942    | 41.553 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 181270   | 39.954 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 379974   | 39.561 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 394920   | 39.691 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 195292   | 39.191 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 127080   | 39.734 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 131246   | 40.688 | ng    | 98       |

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 ALS Vial : 2 Sample Multiplier: 1

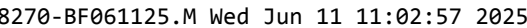
Instrument :  
 BNA\_F  
 ClientSampleId :

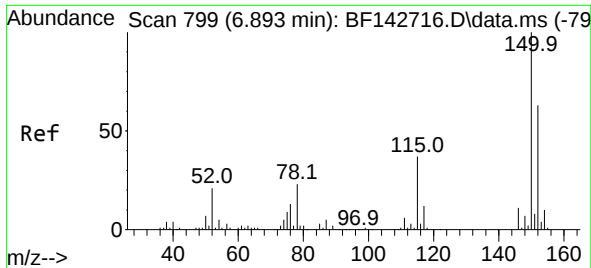
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 135988   | 39.033 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 522058   | 39.049 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.380  | 162  | 390352   | 39.632 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.480  | 65   | 112135   | 40.029 | ng    | 96       |
| 49) Acenaphthylene            | 9.798  | 152  | 651104   | 39.206 | ng    | 99       |
| 50) Dimethylphthalate         | 9.657  | 163  | 456082   | 39.669 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 98186    | 39.514 | ng    | 96       |
| 52) Acenaphthene              | 9.975  | 154  | 403723   | 39.208 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.892  | 138  | 106252   | 39.423 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 54702    | 40.188 | ng    | 90       |
| 55) Dibenzofuran              | 10.145 | 168  | 575927   | 39.278 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 73907    | 40.432 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 135035   | 41.102 | ng    | 99       |
| 58) Fluorene                  | 10.486 | 166  | 447860   | 38.679 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 115317   | 39.344 | ng    | 100      |
| 60) Diethylphthalate          | 10.357 | 149  | 454002   | 39.823 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 224135   | 39.637 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 99888    | 41.427 | ng    | 99       |
| 63) Azobenzene                | 10.639 | 77   | 400645   | 40.239 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 72521    | 39.770 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 388235   | 38.788 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 135412   | 39.397 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 148372   | 38.888 | ng    | 99       |
| 69) Atrazine                  | 11.122 | 200  | 111926   | 41.943 | ng    | 98       |
| 70) Pentachlorophenol         | 11.227 | 266  | 80252    | 40.127 | ng    | 96       |
| 71) Phenanthrene              | 11.451 | 178  | 607696   | 38.955 | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 622981   | 38.603 | ng    | 100      |
| 73) Carbazole                 | 11.657 | 167  | 536095   | 39.681 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 641208   | 42.505 | ng    | 99       |
| 75) Fluoranthene              | 12.639 | 202  | 592143   | 39.918 | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 252286   | 46.769 | ng    | 99       |
| 78) Pyrene                    | 12.868 | 202  | 576896   | 40.985 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 178350   | 42.848 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 402953   | 40.146 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 123235   | 38.074 | ng    | 99       |
| 83) Chrysene                  | 14.098 | 228  | 353764   | 38.175 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 248697   | 39.812 | ng #  | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 454287   | 37.906 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.086 | 276  | 434462   | 40.517 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 344883   | 40.478 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 327636   | 39.633 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 321736   | 39.716 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.104 | 278  | 358984   | 41.000 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 346114   | 39.753 | ng    | 98       |

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

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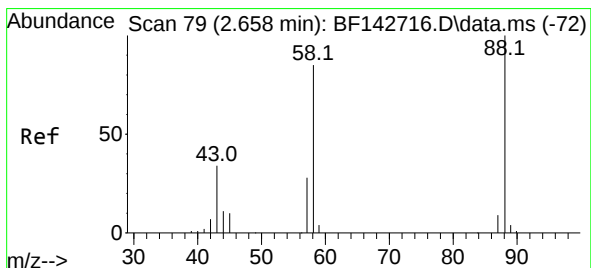
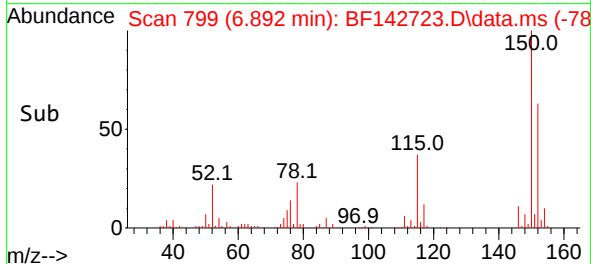
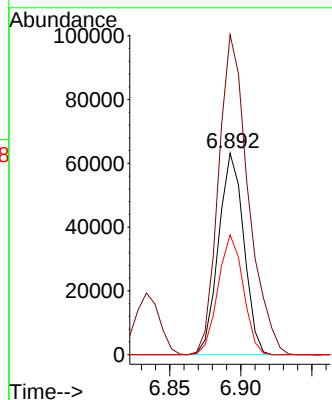
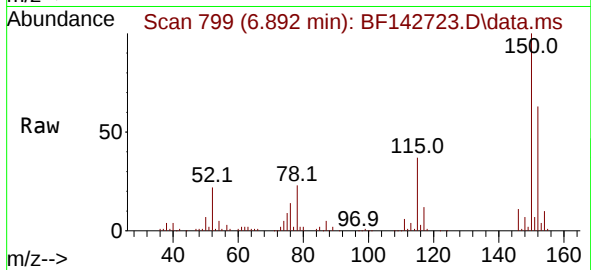




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 79  
 Delta R.T. -0.001 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24

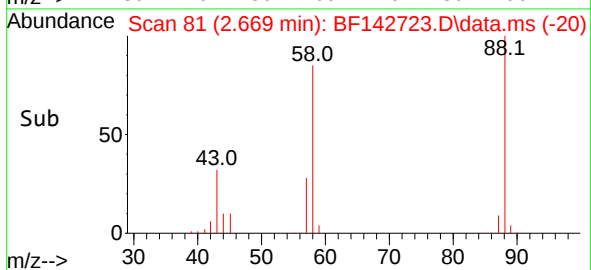
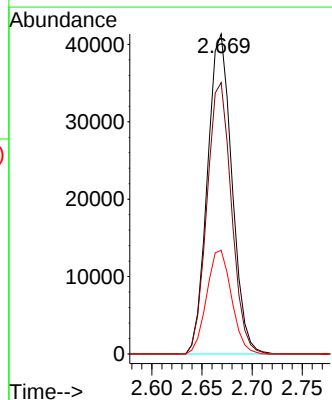
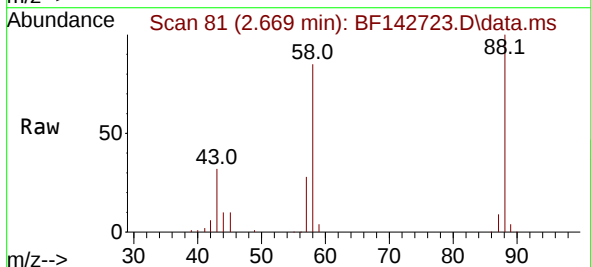
Instrument :  
 BNA\_F  
 ClientSampleId :

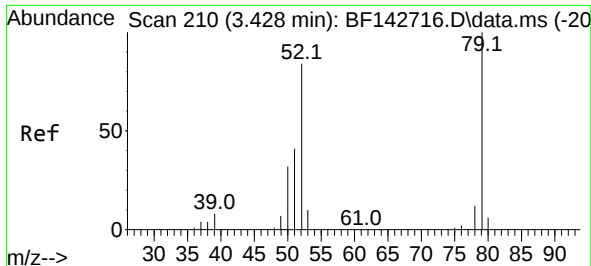
Tgt Ion:152 Resp: 78219  
 Ion Ratio Lower Upper  
 152 100  
 150 158.9 126.9 190.3  
 115 59.5 47.0 70.6



#2  
 1,4-Dioxane  
 Concen: 38.713 ng  
 RT: 2.669 min Scan# 81  
 Delta R.T. 0.012 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24

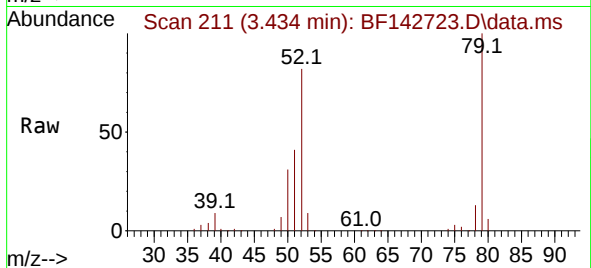
Tgt Ion: 88 Resp: 70362  
 Ion Ratio Lower Upper  
 88 100  
 58 84.7 68.4 102.6  
 43 32.9 27.0 40.6



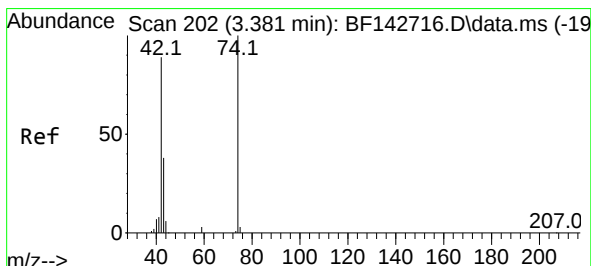
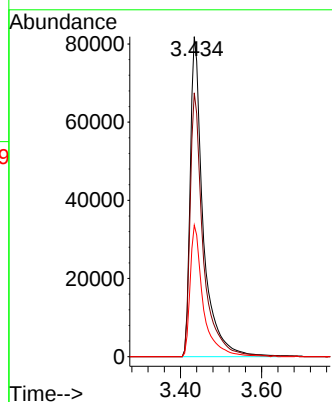
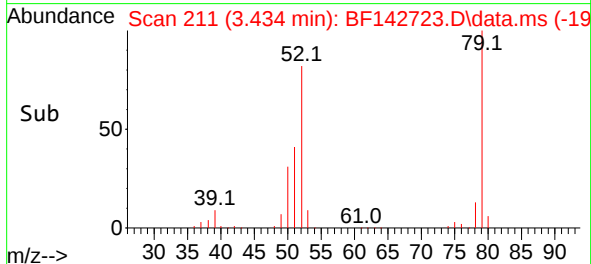


#3  
 Pyridine  
 Concen: 39.912 ng  
 RT: 3.434 min Scan# 210  
 Delta R.T. 0.006 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24

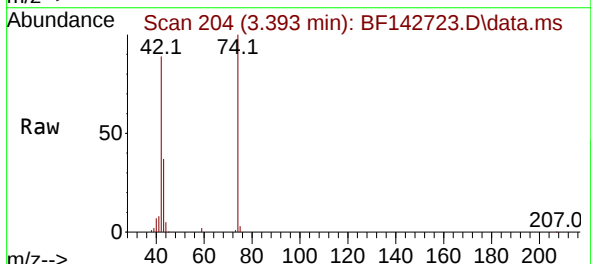
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 ClientSampleId :



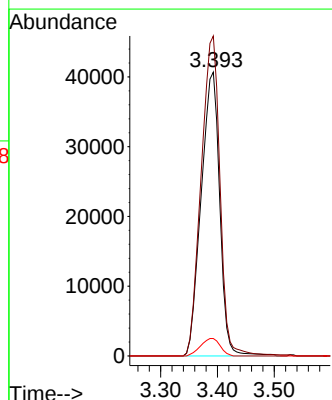
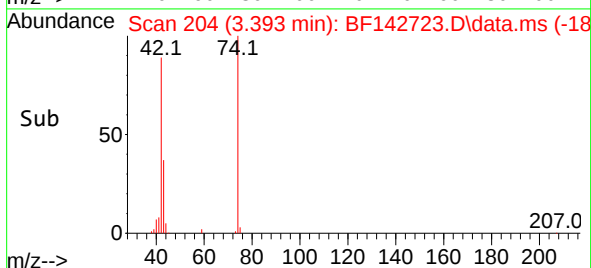
Tgt Ion: 79 Resp: 181890  
 Ion Ratio Lower Upper  
 79 100  
 52 82.4 67.1 100.7  
 51 41.1 32.6 48.8

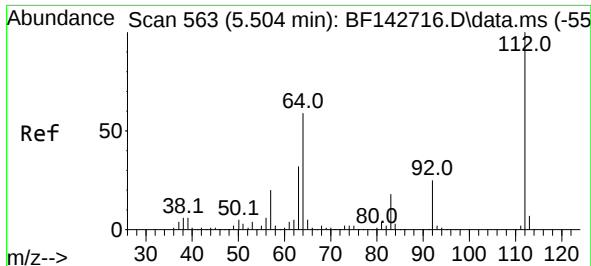


#4  
 n-Nitrosodimethylamine  
 Concen: 39.551 ng  
 RT: 3.393 min Scan# 204  
 Delta R.T. 0.012 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24



Tgt Ion: 42 Resp: 92221  
 Ion Ratio Lower Upper  
 42 100  
 74 112.7 89.6 134.4  
 44 6.2 5.4 8.2

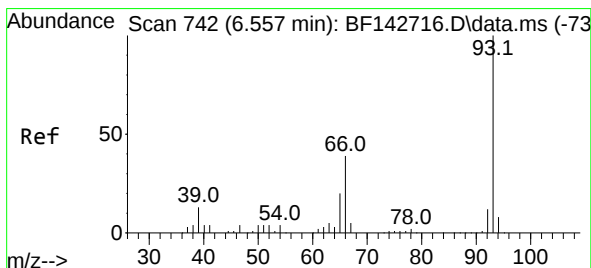
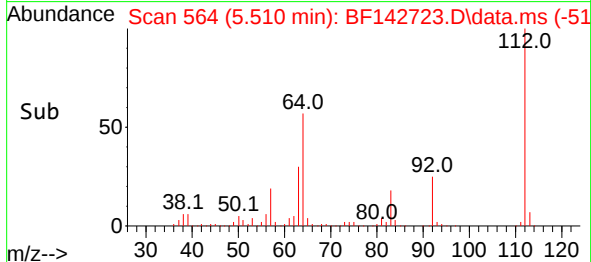
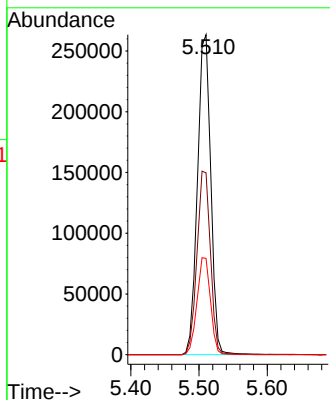
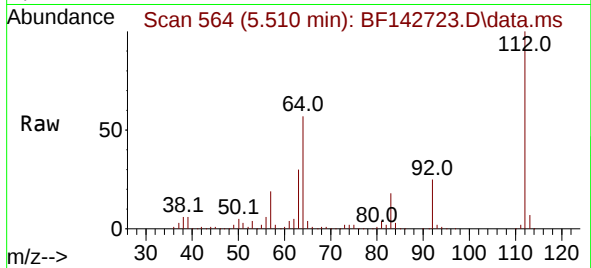




#5  
2-Fluorophenol  
Concen: 77.718 ng  
RT: 5.510 min Scan# 510  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

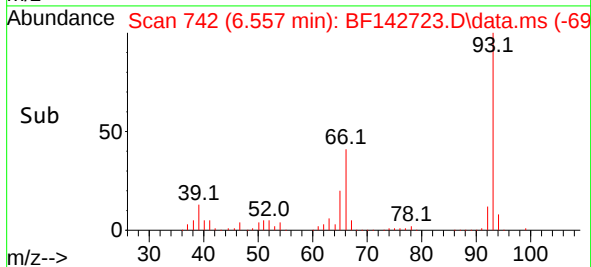
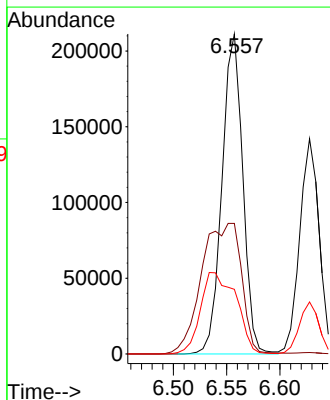
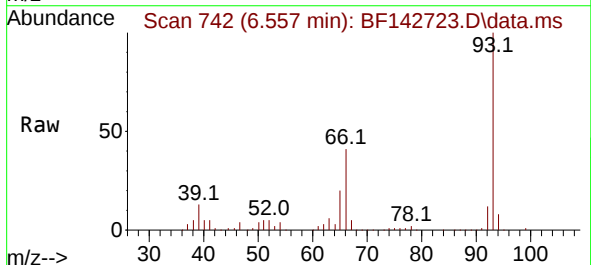
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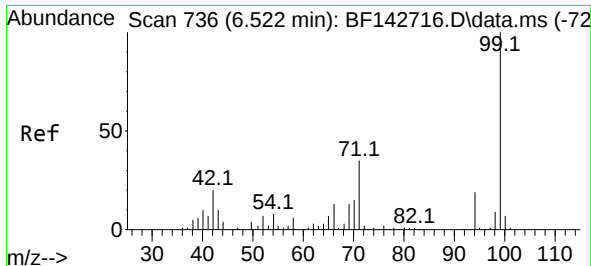
Tgt Ion:112 Resp: 356932  
Ion Ratio Lower Upper  
112 100  
64 56.9 47.4 71.2  
63 30.1 25.4 38.0



#6  
Aniline  
Concen: 39.637 ng  
RT: 6.557 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

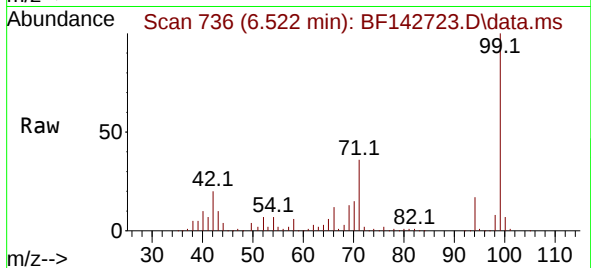
Tgt Ion: 93 Resp: 286728  
Ion Ratio Lower Upper  
93 100  
66 40.8 32.0 48.0  
65 20.2 16.1 24.1



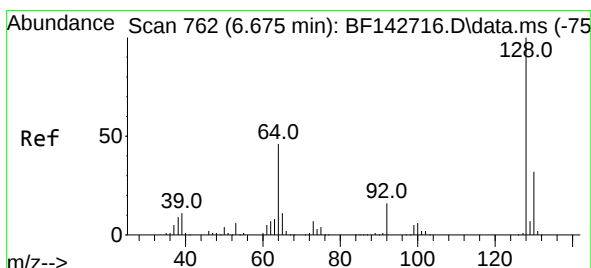
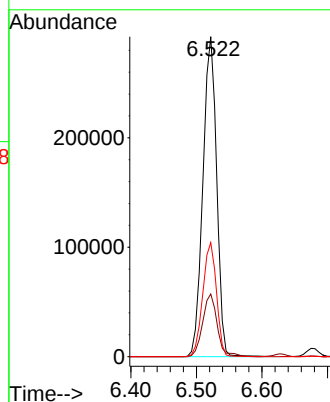
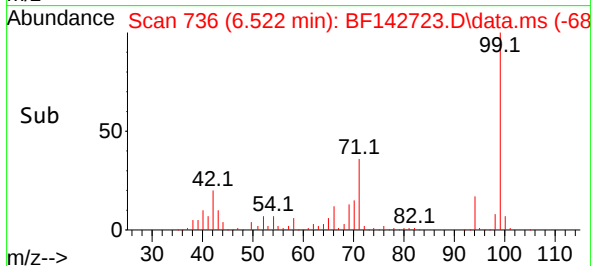


#7  
Phenol-d6  
Concen: 79.151 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

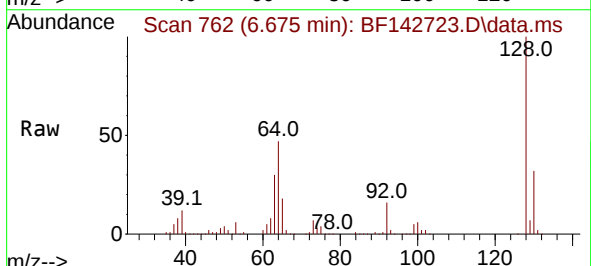
Instrument :  
BNA\_F  
ClientSampleId :



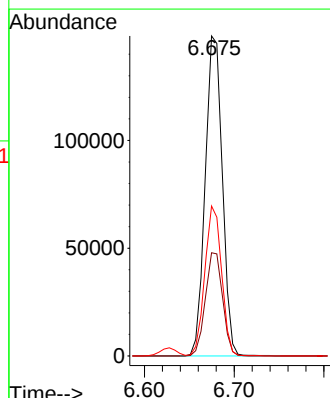
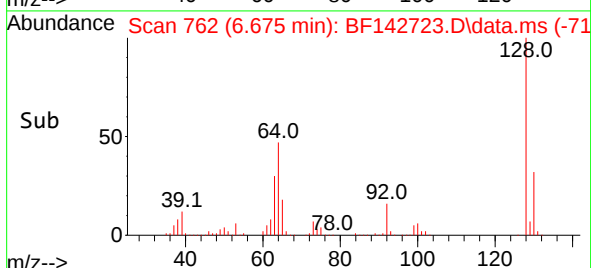
Tgt Ion: 99 Resp: 427800  
Ion Ratio Lower Upper  
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71 35.6 28.0 42.0

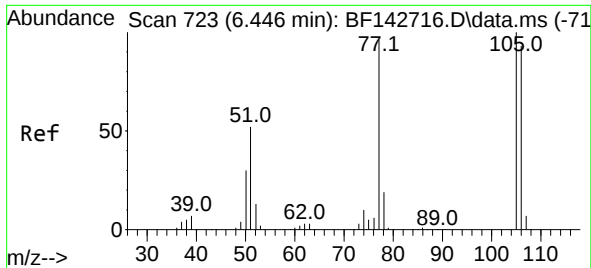


#8  
2-Chlorophenol  
Concen: 39.234 ng  
RT: 6.675 min Scan# 762  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24



Tgt Ion: 128 Resp: 196912  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.4 52.4  
64 46.9 26.5 66.5





#9

Benzaldehyde

Concen: 38.249 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.001 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

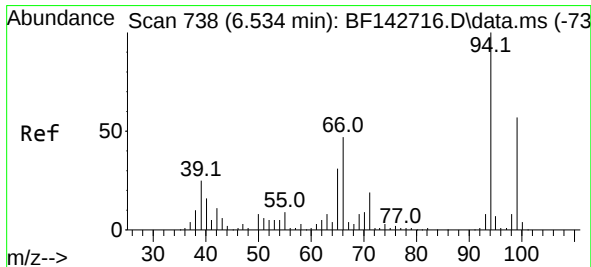
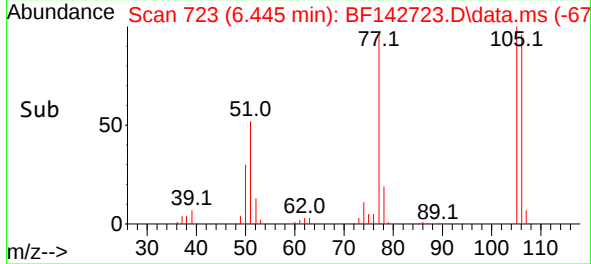
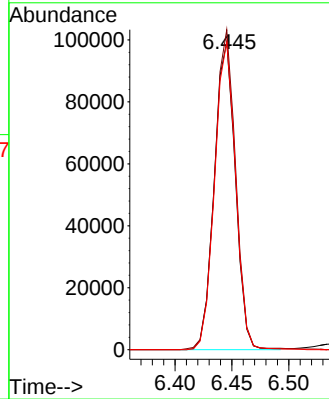
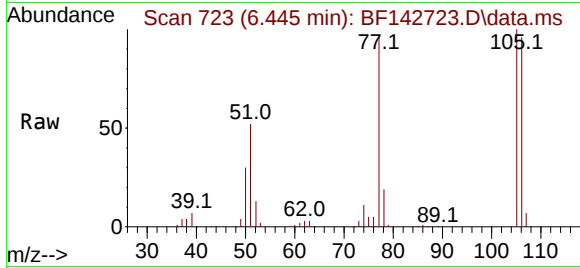
Tgt Ion: 77 Resp: 128021

Ion Ratio Lower Upper

77 100

105 103.9 84.1 124.1

106 100.0 77.2 117.2



#10

Phenol

Concen: 39.780 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

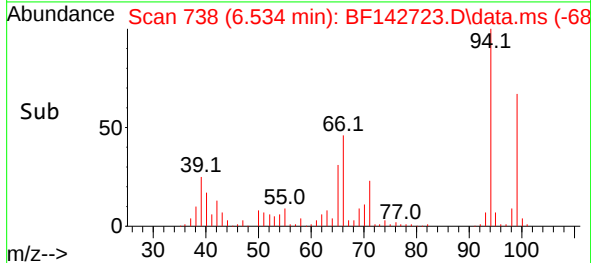
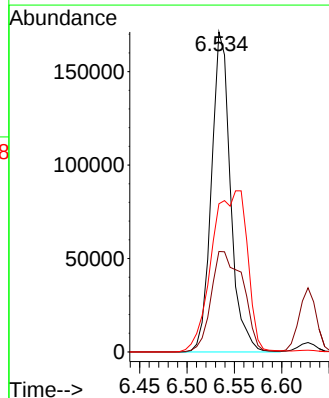
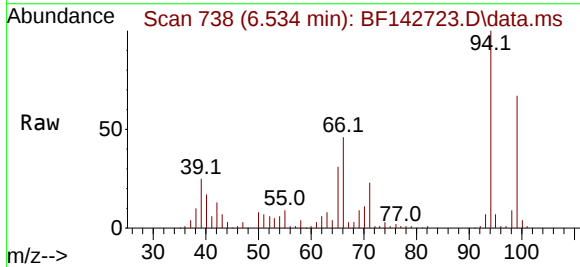
Tgt Ion: 94 Resp: 238989

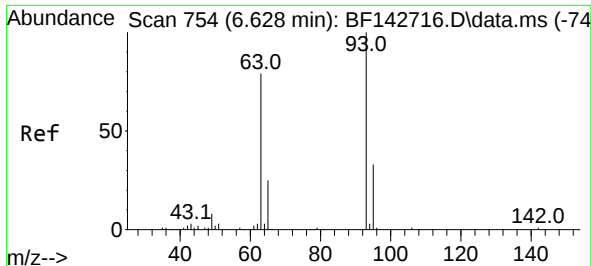
Ion Ratio Lower Upper

94 100

65 31.4 11.4 51.4

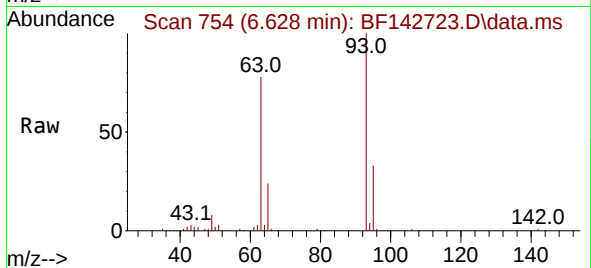
66 46.3 26.7 66.7



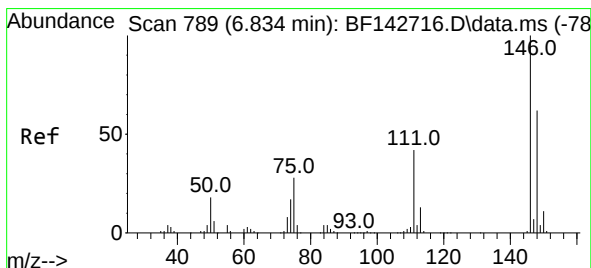
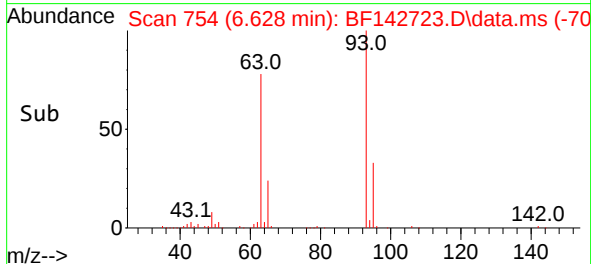
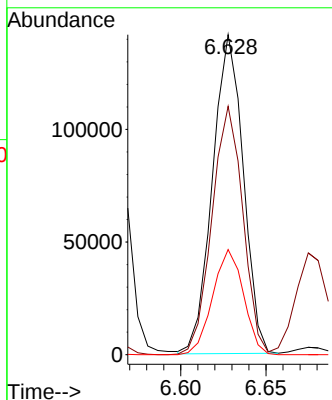


#11  
bis(2-Chloroethyl)ether  
Concen: 39.588 ng  
RT: 6.628 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Instrument :  
BNA\_F  
ClientSampleId :

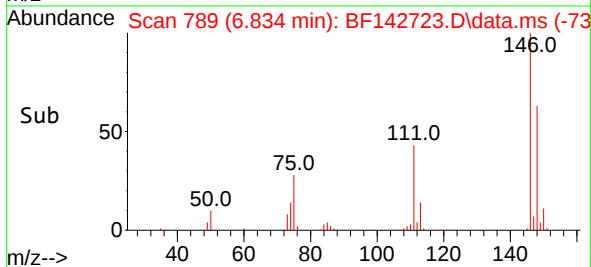
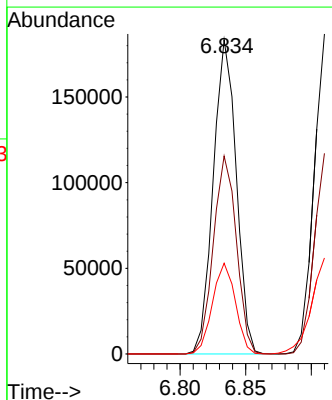
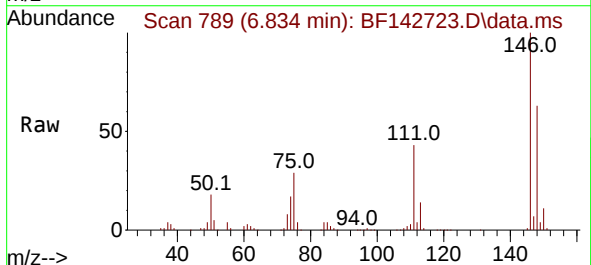


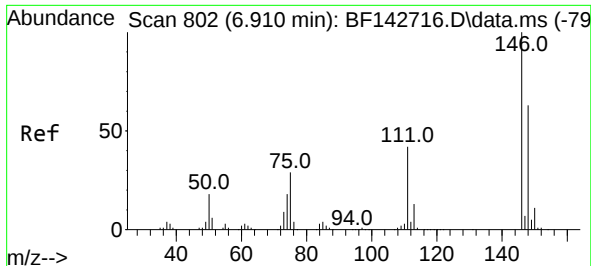
Tgt Ion: 93 Resp: 177643  
Ion Ratio Lower Upper  
93 100  
63 77.6 58.3 98.3  
95 32.8 13.1 53.1



#12  
1,3-Dichlorobenzene  
Concen: 39.044 ng  
RT: 6.834 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion: 146 Resp: 223632  
Ion Ratio Lower Upper  
146 100  
148 63.0 49.9 74.9  
75 28.9 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 39.202 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

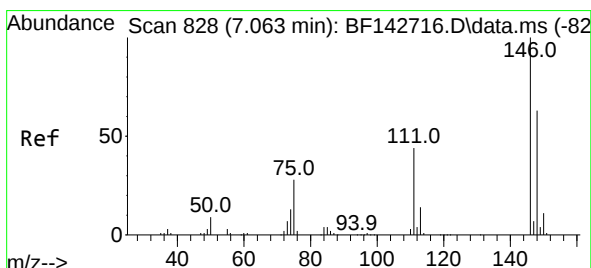
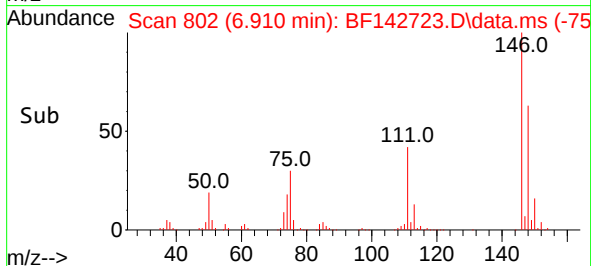
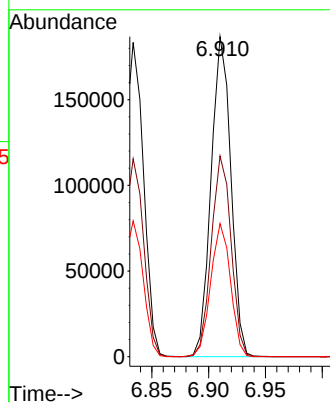
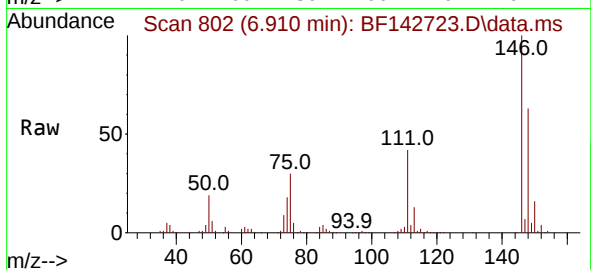
Tgt Ion:146 Resp: 226923

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 41.6 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 39.017 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

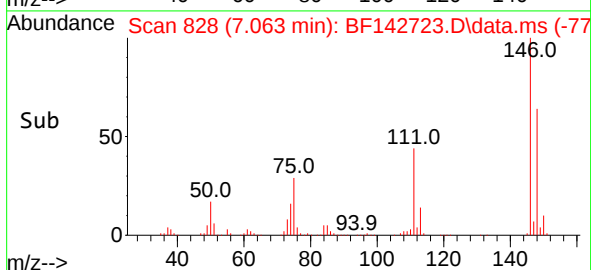
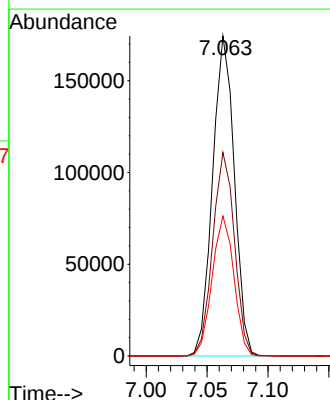
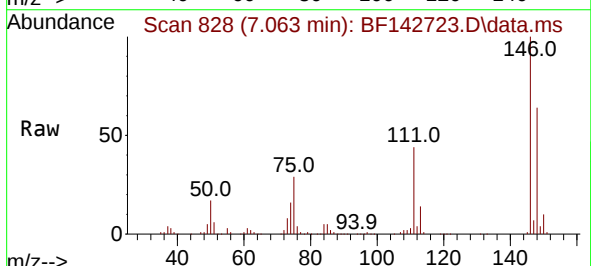
Tgt Ion:146 Resp: 216495

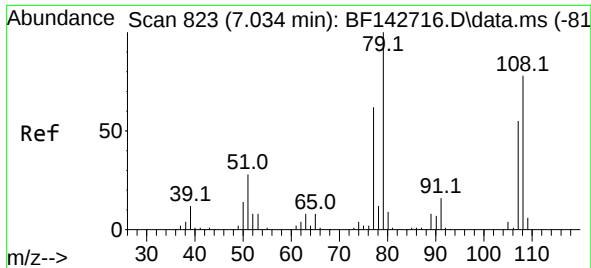
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 43.8 35.2 52.8

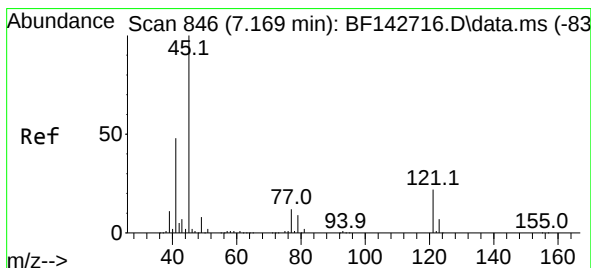
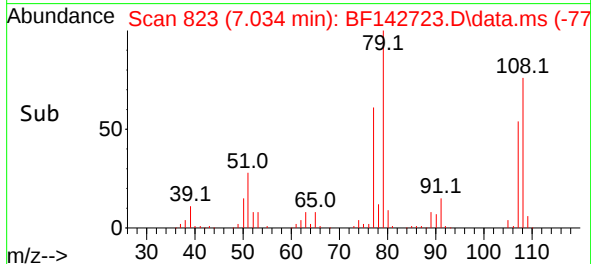
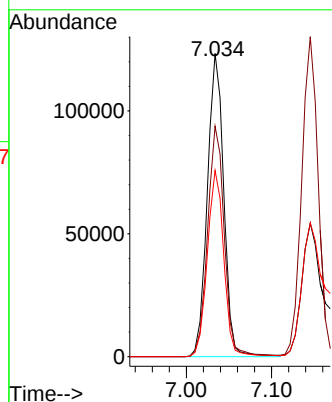
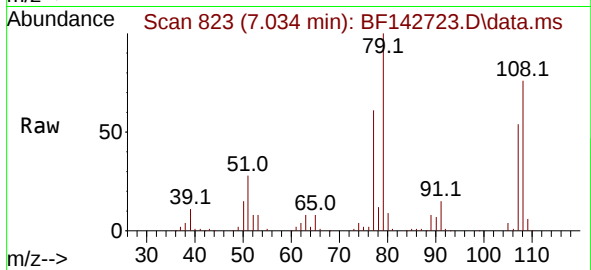




#15  
Benzyl Alcohol  
Concen: 40.433 ng  
RT: 7.034 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

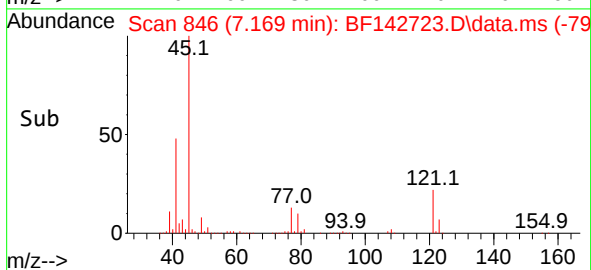
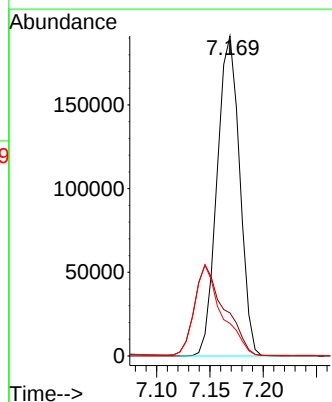
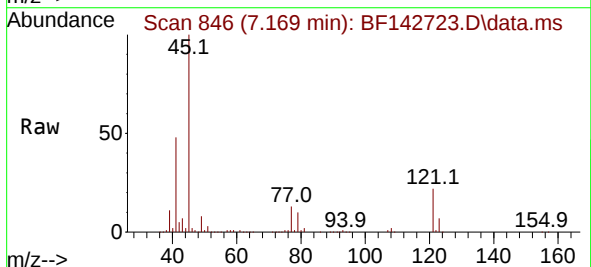
Instrument :  
BNA\_F  
ClientSampleId :

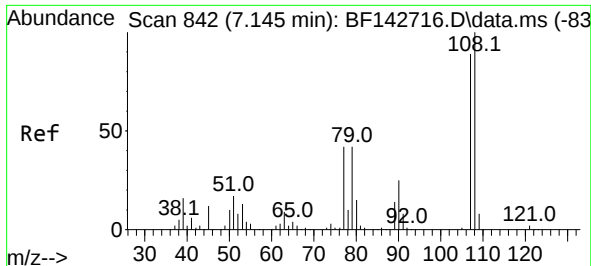
Tgt Ion: 79 Resp: 165174  
Ion Ratio Lower Upper  
79 100  
108 76.0 62.6 94.0  
77 61.4 49.8 74.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.836 ng  
RT: 7.169 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

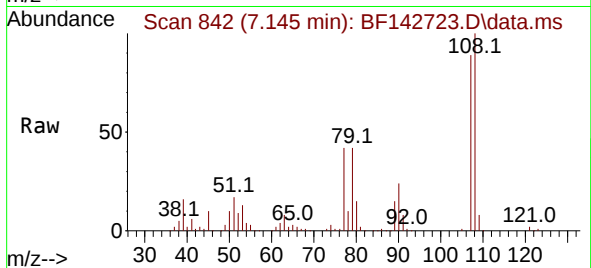
Tgt Ion: 45 Resp: 281441  
Ion Ratio Lower Upper  
45 100  
77 13.4 0.0 33.1  
79 10.2 0.0 30.5



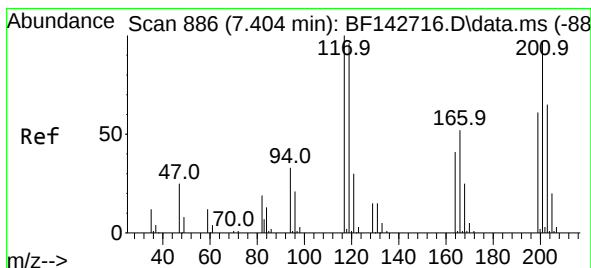
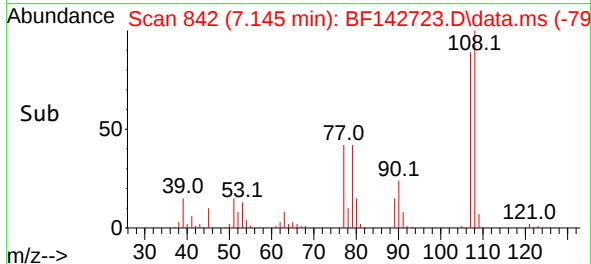
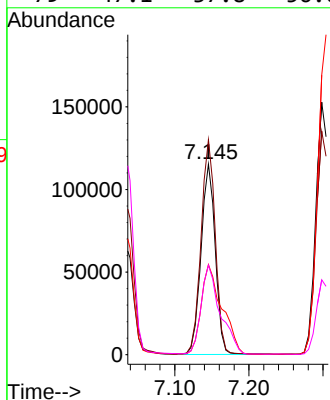


#17  
2-Methylphenol  
Concen: 40.048 ng  
RT: 7.145 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Instrument :  
BNA\_F  
ClientSampleId :

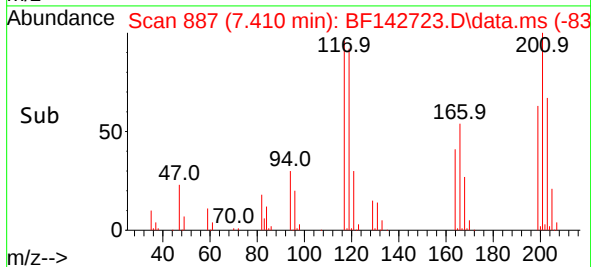
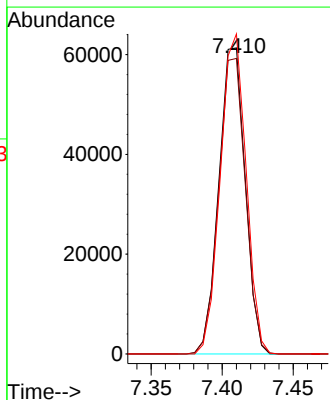
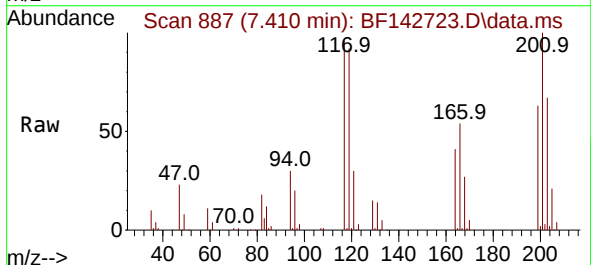


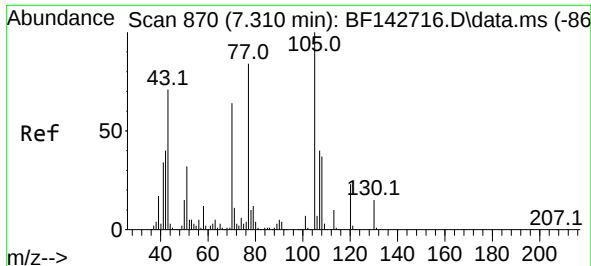
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 154089 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.9 | 90.0  | 135.0  |
| 77       | 47.3  | 38.2  | 57.2   |
| 79       | 47.1  | 37.8  | 56.6   |



#18  
Hexachloroethane  
Concen: 38.325 ng  
RT: 7.410 min Scan# 887  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

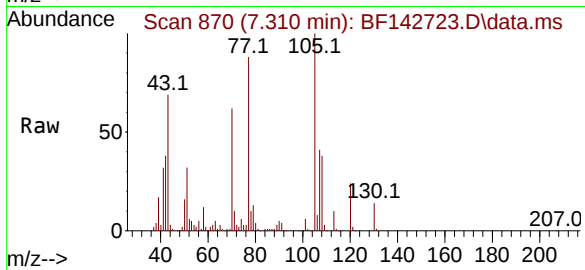
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 79503 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.5  | 76.4  | 114.6 |
| 201      | 104.5 | 77.8  | 116.6 |



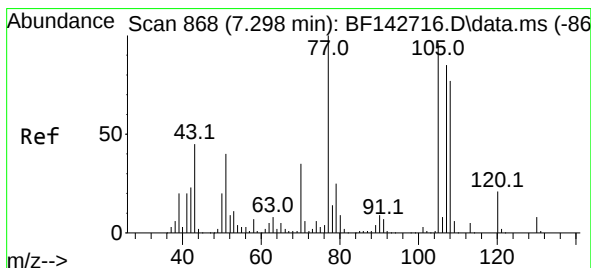
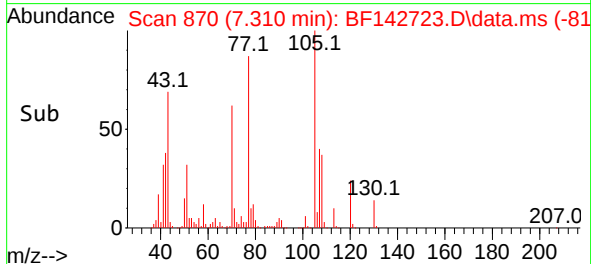
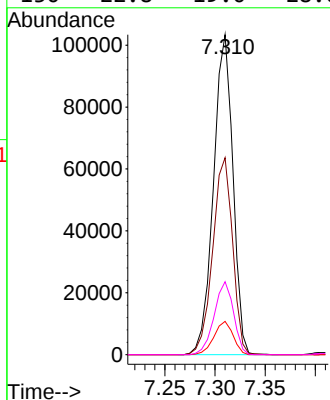


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.427 ng  
RT: 7.310 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Instrument :  
BNA\_F  
ClientSampleId :

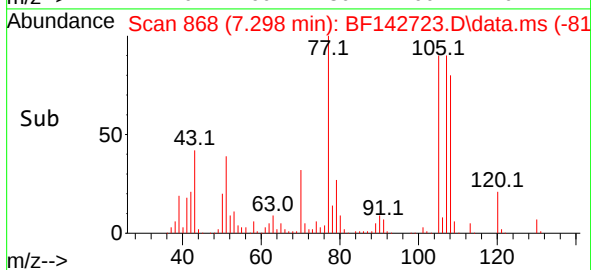
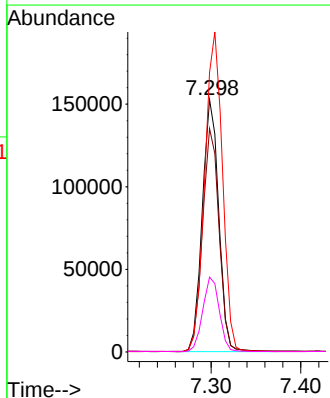
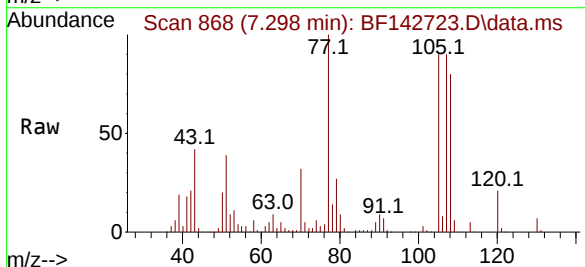


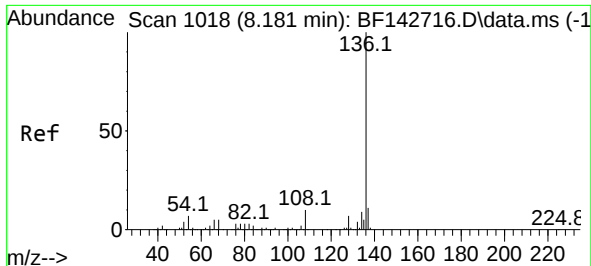
Tgt Ion: 70 Resp: 139102  
Ion Ratio Lower Upper  
70 100  
42 61.6 50.2 75.4  
101 10.4 8.3 12.5  
130 22.8 19.0 28.6



#20  
3+4-Methylphenols  
Concen: 40.057 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

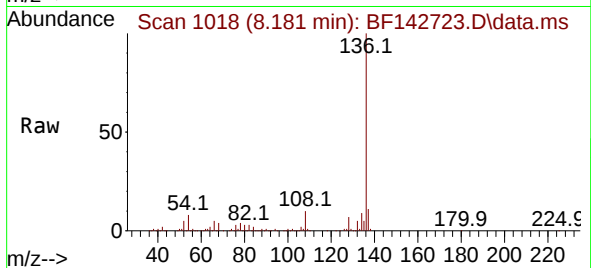
Tgt Ion: 107 Resp: 194307  
Ion Ratio Lower Upper  
107 100  
108 88.4 69.9 109.9  
77 110.7 97.4 137.4  
79 29.7 9.4 49.4





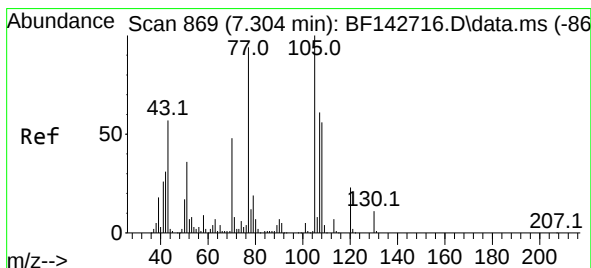
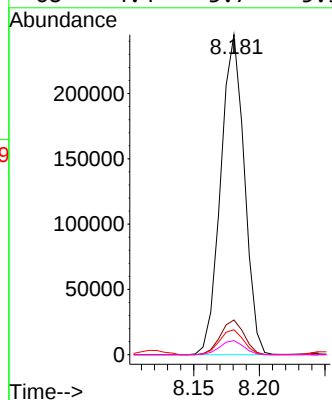
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:136 Resp: 306828

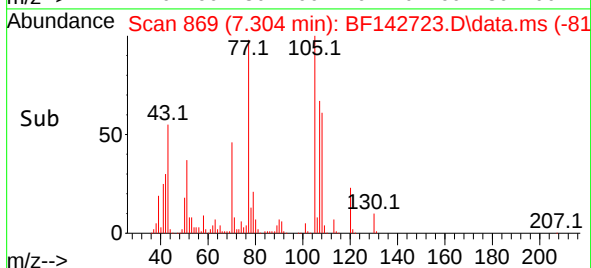
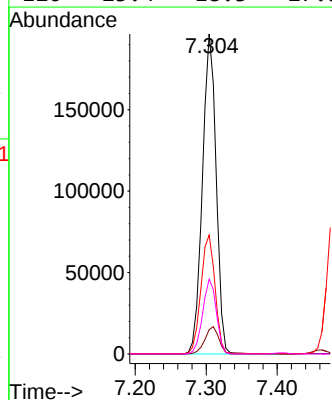
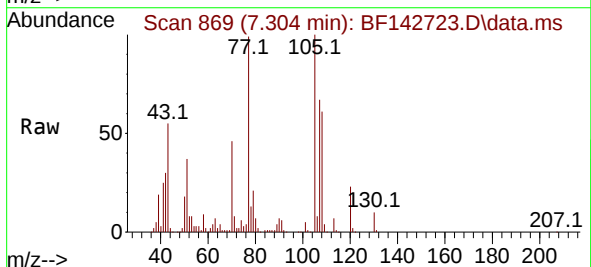
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 7.8   | 5.9   | 8.9   |
| 68  | 4.4   | 3.7   | 5.5   |

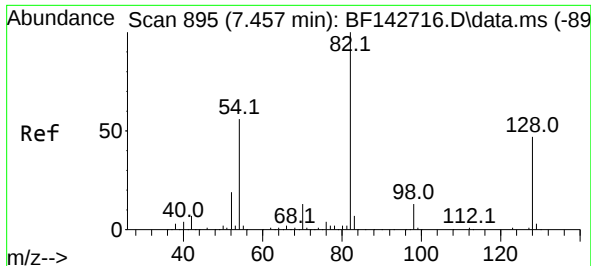


#22  
Acetophenone  
Concen: 38.775 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:105 Resp: 264649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.6   | 6.4   | 9.6   |
| 51  | 37.2  | 29.1  | 43.7  |
| 120 | 23.4  | 18.3  | 27.5  |





#23

Nitrobenzene-d5

Concen: 78.292 ng

RT: 7.463 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

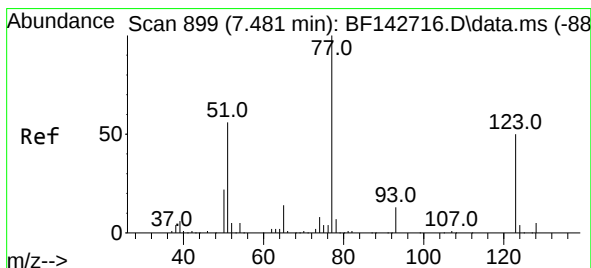
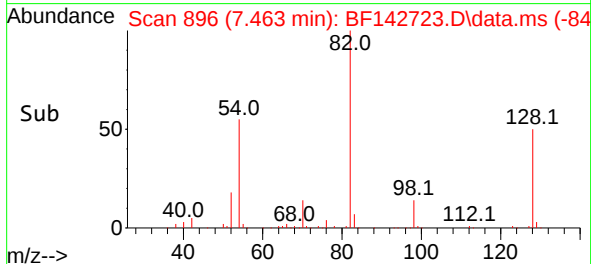
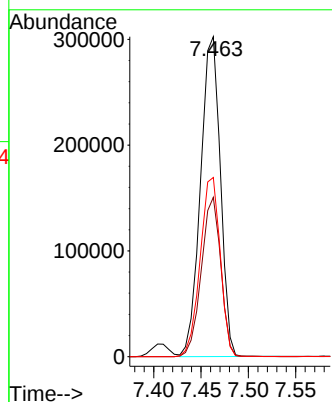
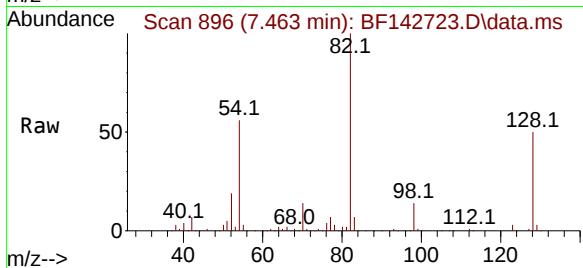
Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 82 Resp: 438940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.8  | 37.8  | 56.8  |
| 54  | 56.0  | 44.9  | 67.3  |



#24

Nitrobenzene

Concen: 39.438 ng

RT: 7.481 min Scan# 899

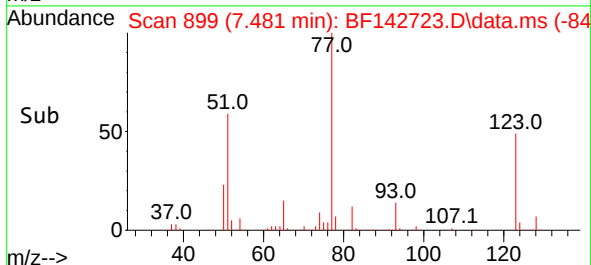
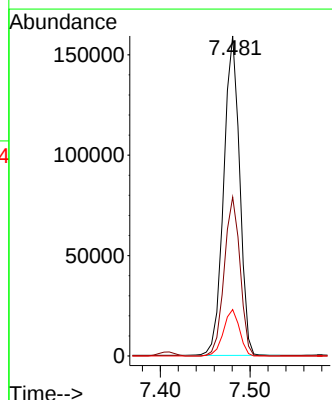
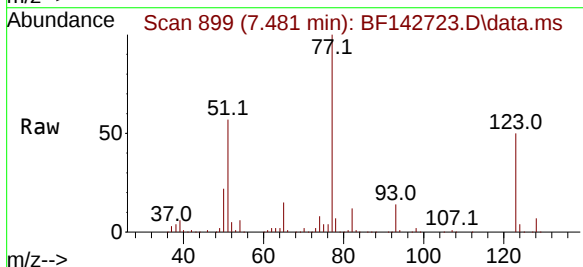
Delta R.T. -0.000 min

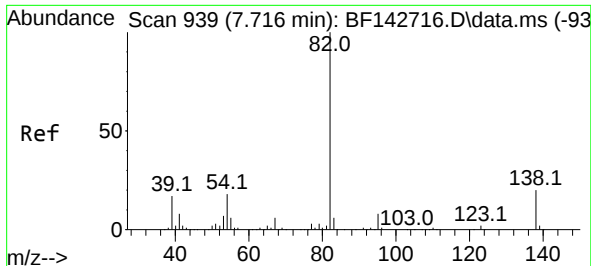
Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Tgt Ion: 77 Resp: 196237

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.7  | 40.8  | 61.2  |
| 65  | 14.5  | 11.5  | 17.3  |

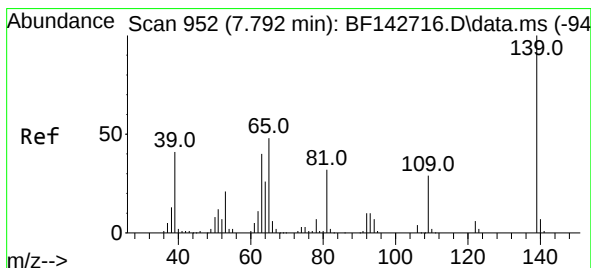
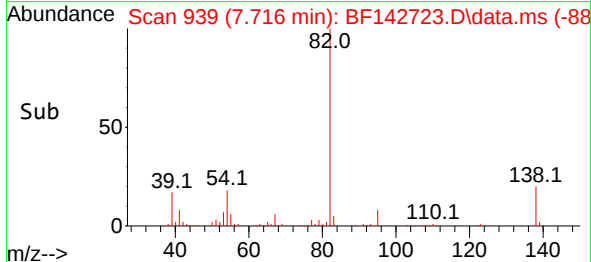
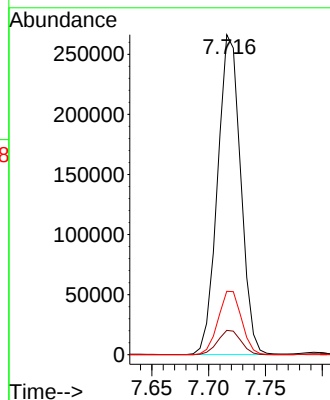
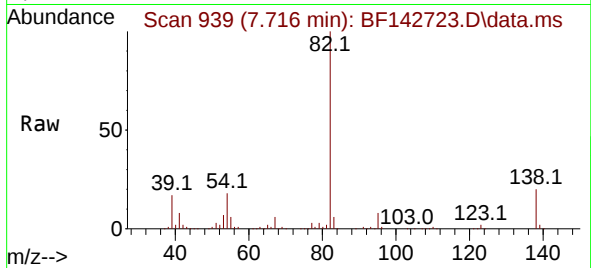




#25  
Isophorone  
Concen: 39.677 ng  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

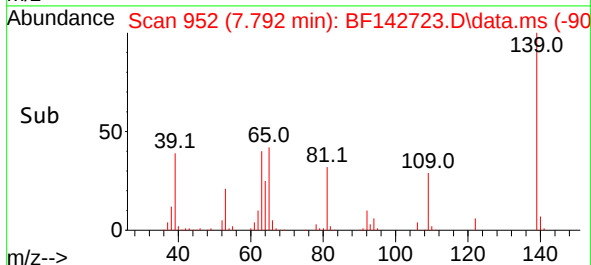
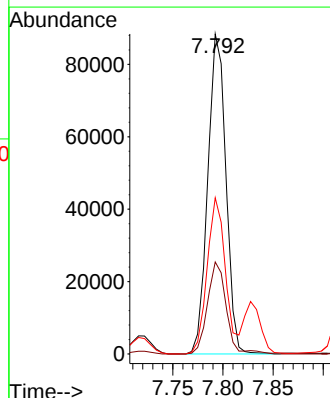
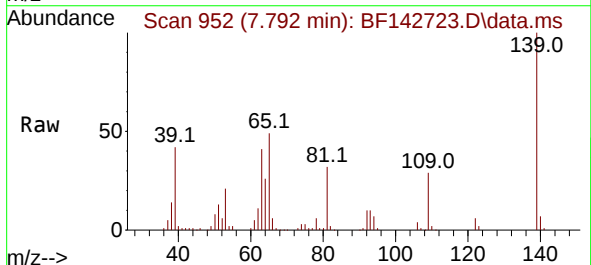
Instrument :  
BNA\_F  
ClientSampleId :

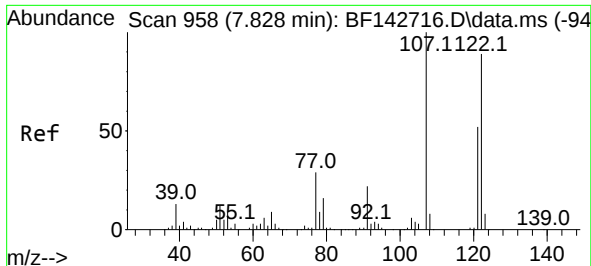
Tgt Ion: 82 Resp: 376632  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.0 9.0  
138 19.8 15.8 23.6



#26  
2-Nitrophenol  
Concen: 40.193 ng  
RT: 7.792 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:139 Resp: 111614  
Ion Ratio Lower Upper  
139 100  
109 28.8 23.4 35.2  
65 48.8 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 39.530 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

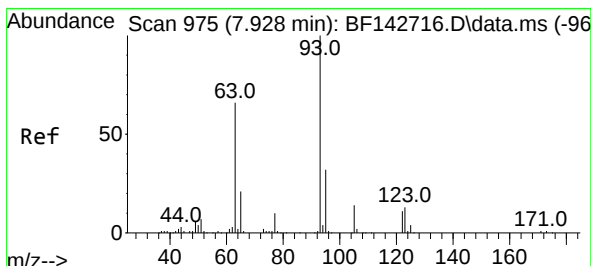
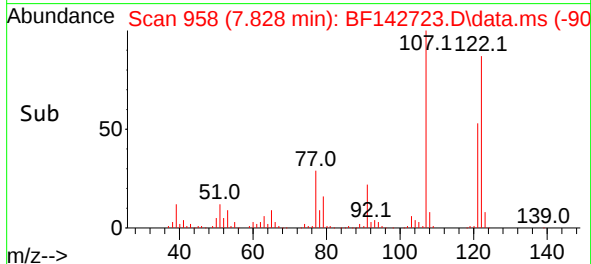
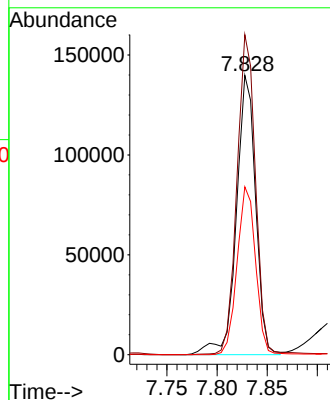
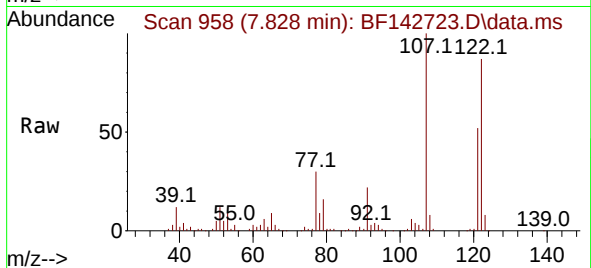
Tgt Ion:122 Resp: 186898

Ion Ratio Lower Upper

122 100

107 114.6 90.4 135.6

121 60.1 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.595 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

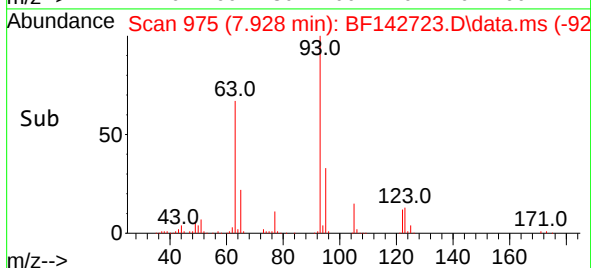
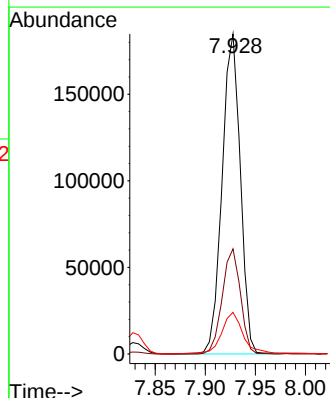
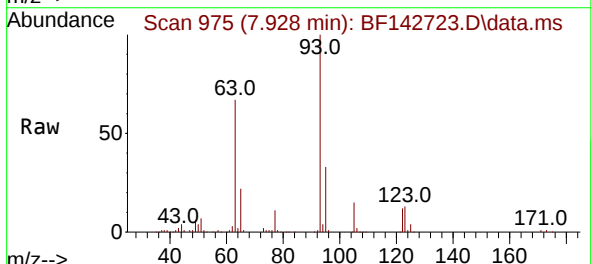
Tgt Ion: 93 Resp: 233354

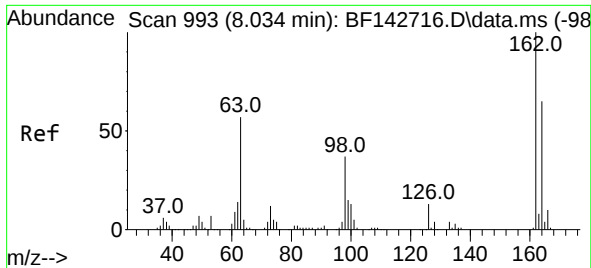
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 13.0 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 39.892 ng

RT: 8.039 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

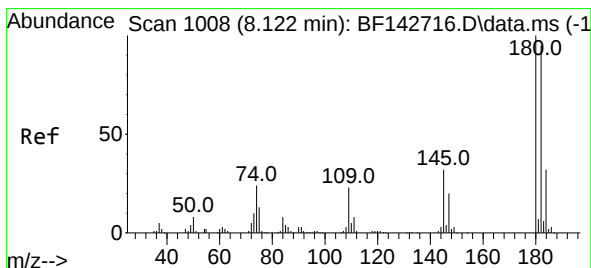
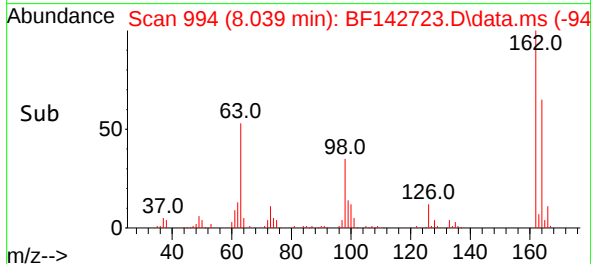
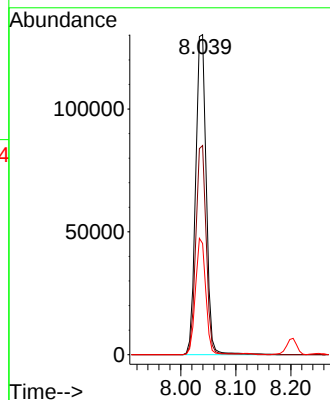
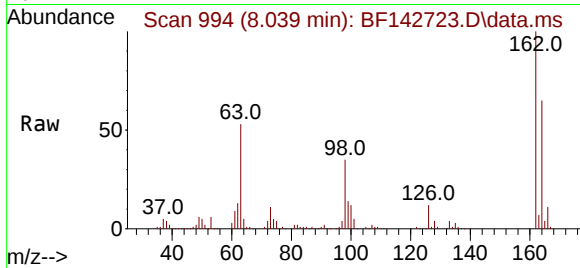
Tgt Ion:162 Resp: 174063

Ion Ratio Lower Upper

162 100

164 65.4 45.1 85.1

98 34.8 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 39.027 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

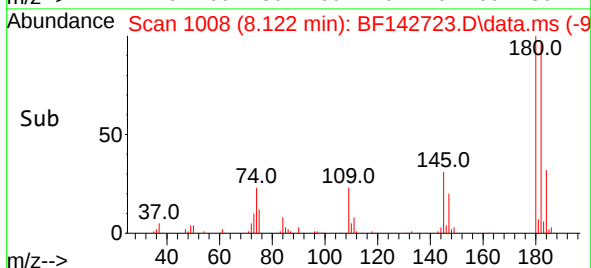
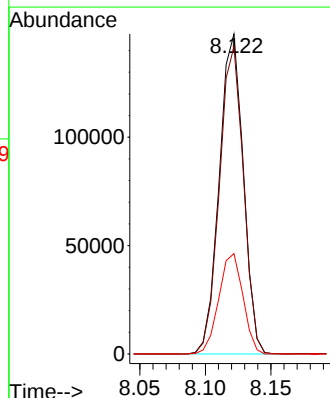
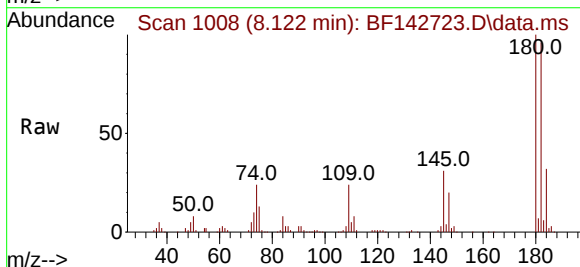
Tgt Ion:180 Resp: 188170

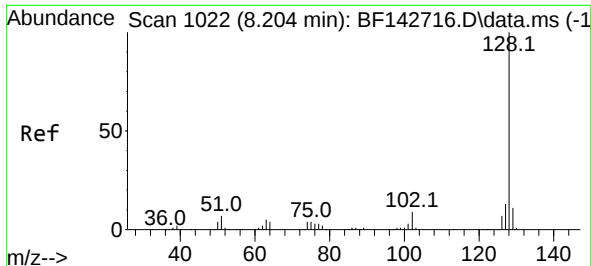
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

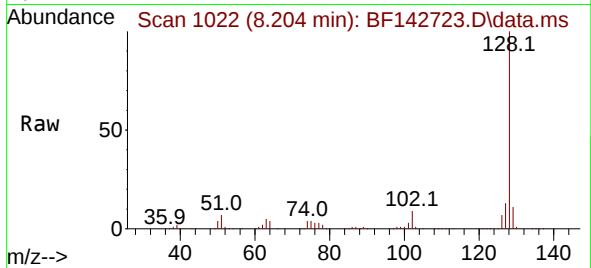
145 31.3 25.7 38.5



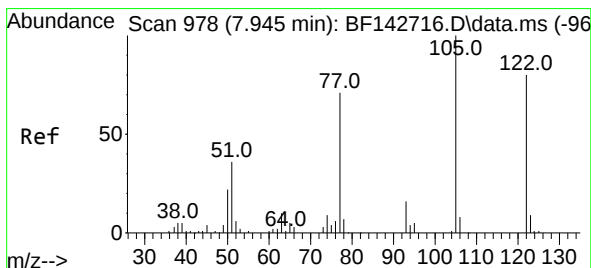
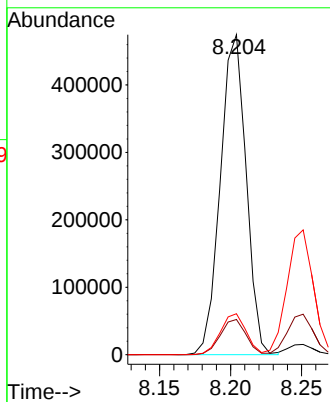
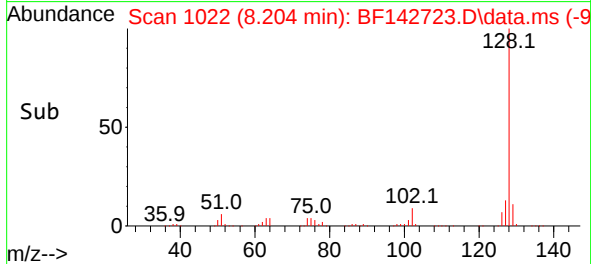


#31  
Naphthalene  
Concen: 39.461 ng  
RT: 8.204 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Instrument :  
BNA\_F  
ClientSampleId :

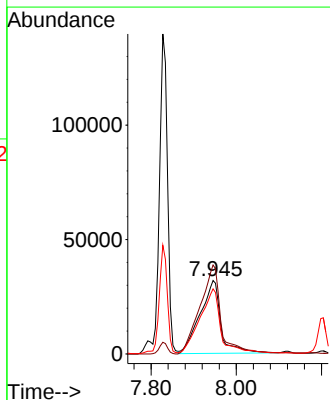
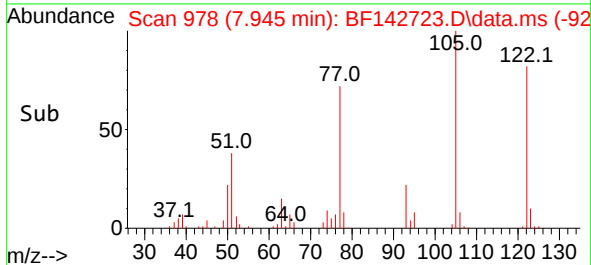
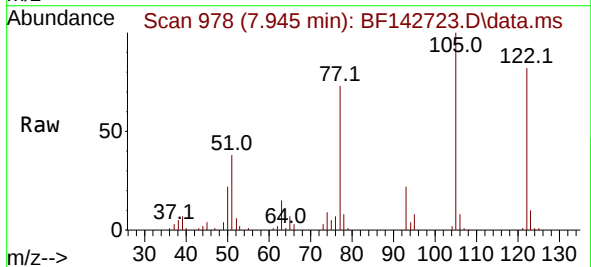


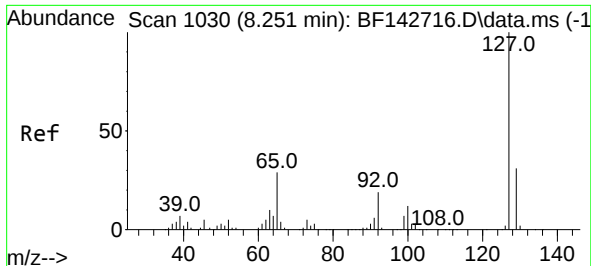
Tgt Ion:128 Resp: 598797  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.8 10.4 15.6



#32  
Benzoic acid  
Concen: 40.520 ng  
RT: 7.945 min Scan# 978  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:122 Resp: 107892  
Ion Ratio Lower Upper  
122 100  
105 121.2 102.6 142.6  
77 88.7 68.2 108.2

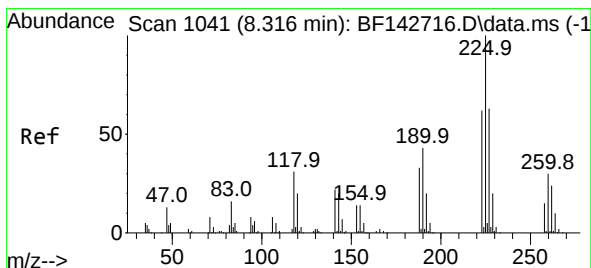
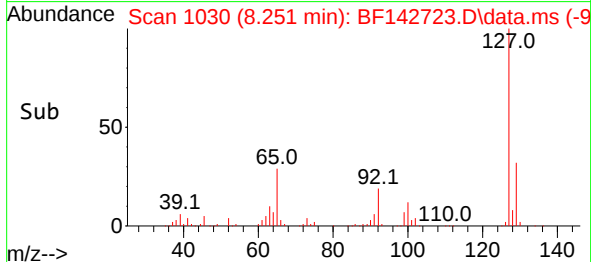
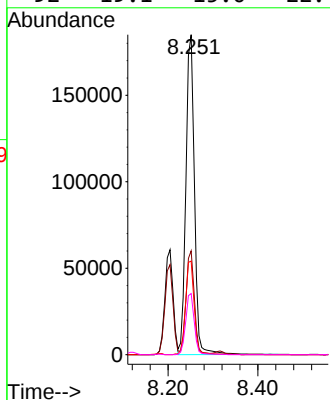
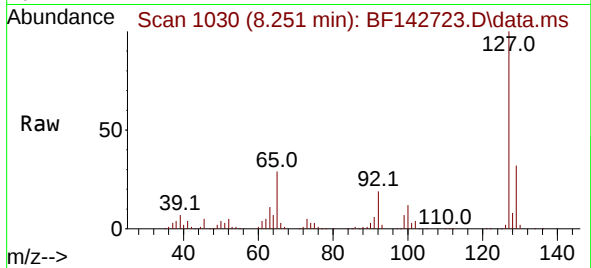




#33  
4-Chloroaniline  
Concen: 40.198 ng  
RT: 8.251 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

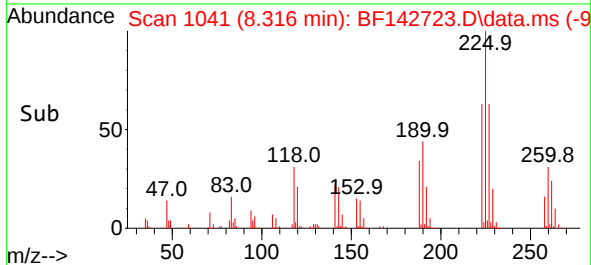
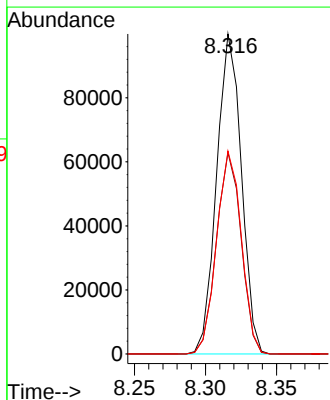
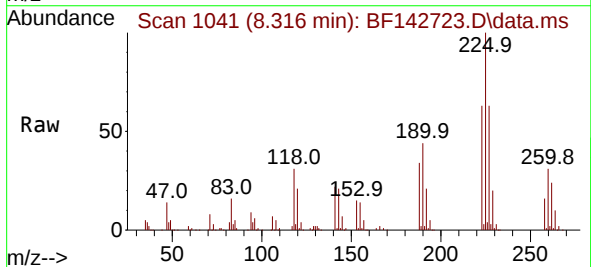
Instrument :  
BNA\_F  
ClientSampleId :

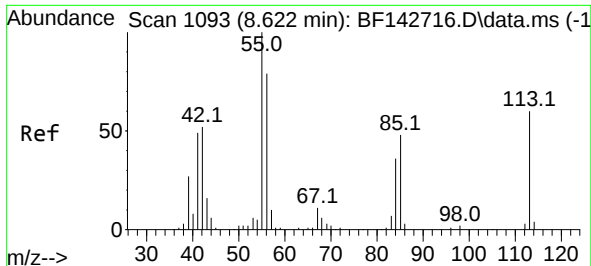
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 244917 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 25.6  | 38.4   |
| 65       | 29.3  | 23.0  | 34.4   |
| 92       | 19.1  | 15.0  | 22.4   |



#34  
Hexachlorobutadiene  
Concen: 39.386 ng  
RT: 8.316 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 121013 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 49.3  | 73.9   |
| 227      | 63.4  | 50.6  | 75.8   |

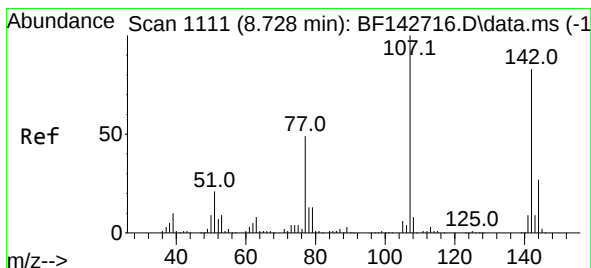
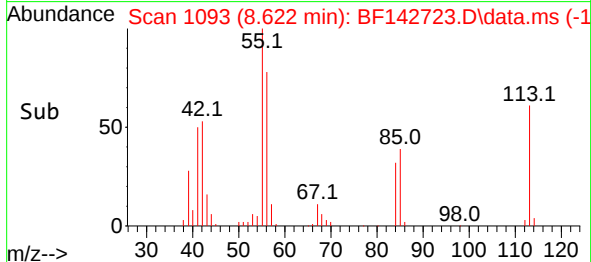
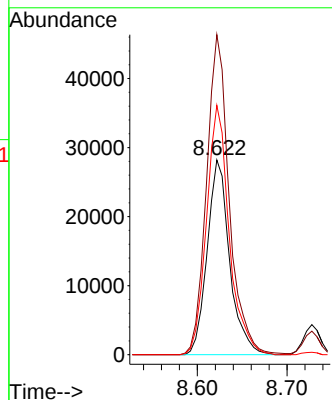
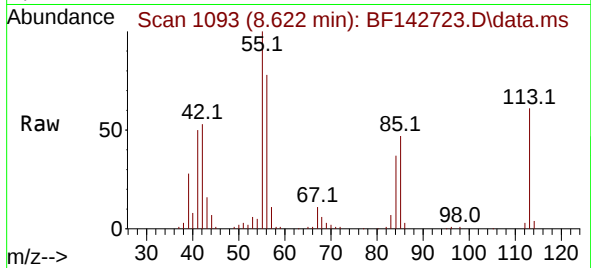




#35  
 Caprolactam  
 Concen: 41.553 ng  
 RT: 8.622 min Scan# 1093  
 Delta R.T. -0.000 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24

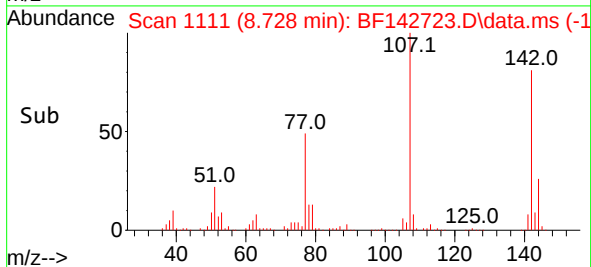
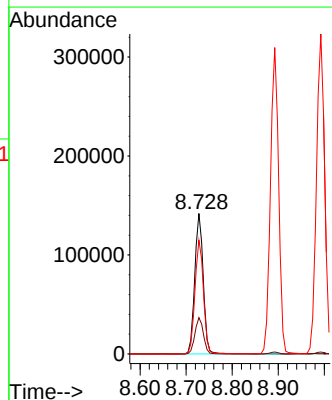
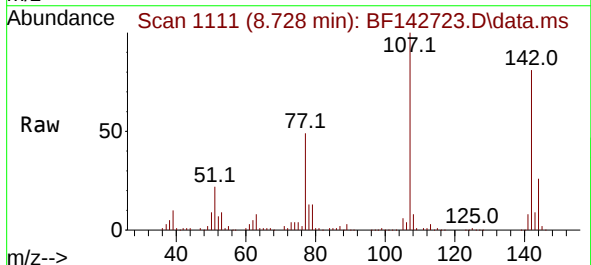
Instrument :  
 BNA\_F  
 ClientSampleId :

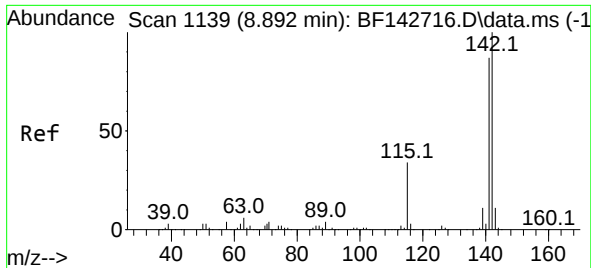
Tgt Ion:113 Resp: 48942  
 Ion Ratio Lower Upper  
 113 100  
 55 164.4 147.9 187.9  
 56 128.1 111.9 151.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.954 ng  
 RT: 8.728 min Scan# 1111  
 Delta R.T. -0.000 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24

Tgt Ion:107 Resp: 181270  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 21.3 31.9  
 142 81.0 66.2 99.2

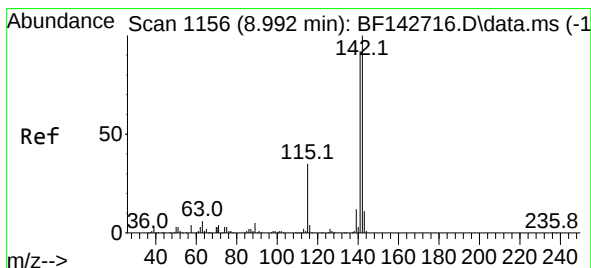
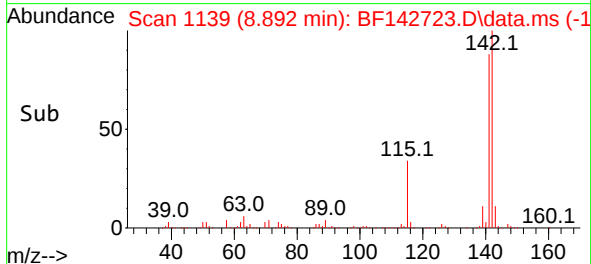
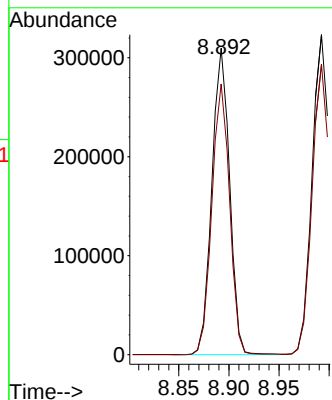
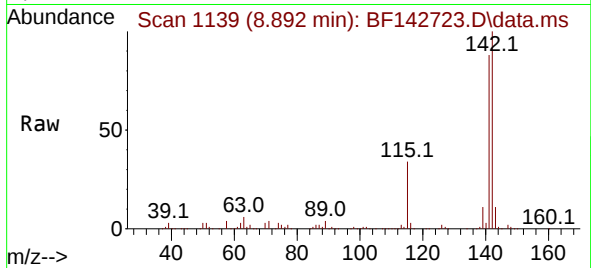




#37  
2-Methylnaphthalene  
Concen: 39.561 ng  
RT: 8.892 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

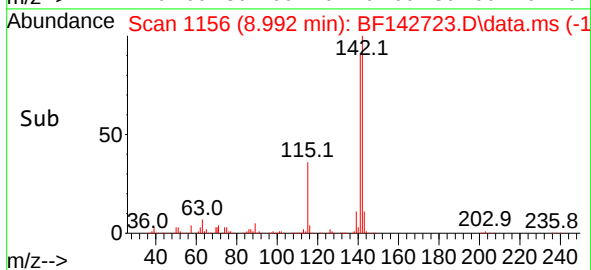
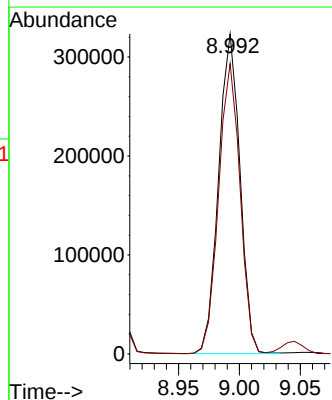
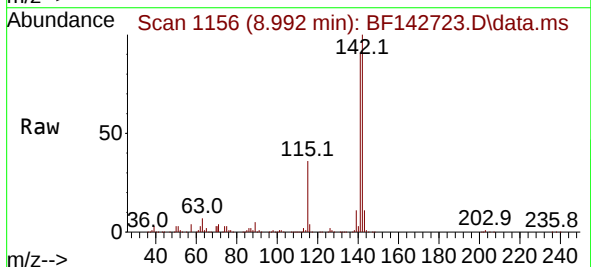
Instrument :  
BNA\_F  
ClientSampleId :

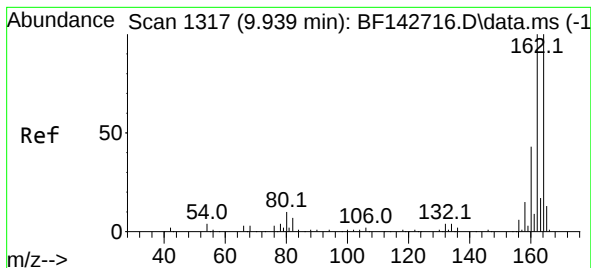
Tgt Ion:142 Resp: 379974  
Ion Ratio Lower Upper  
142 100  
141 88.4 69.9 104.9



#38  
1-Methylnaphthalene  
Concen: 39.691 ng  
RT: 8.992 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:142 Resp: 394920  
Ion Ratio Lower Upper  
142 100  
141 90.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.000 min

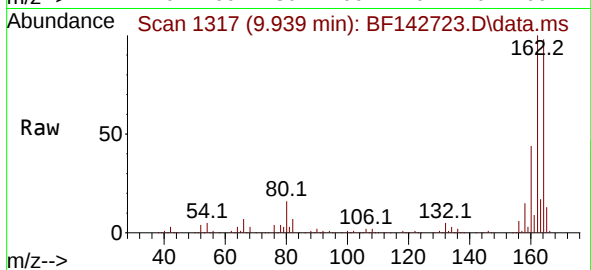
Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :



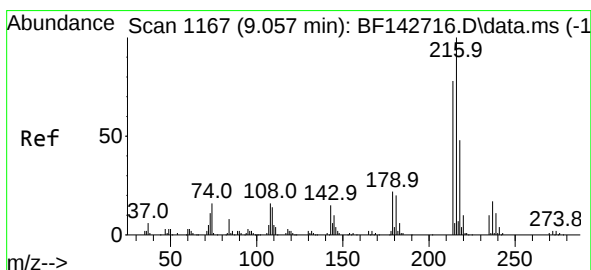
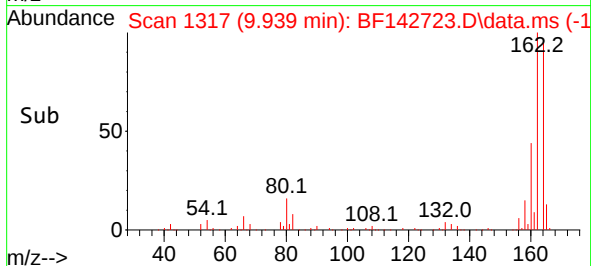
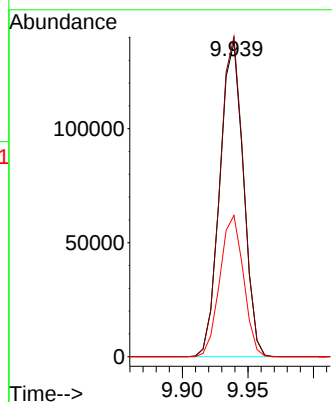
Tgt Ion:164 Resp: 172169

Ion Ratio Lower Upper

164 100

162 101.8 79.9 119.9

160 45.0 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.191 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Tgt Ion:216 Resp: 195292

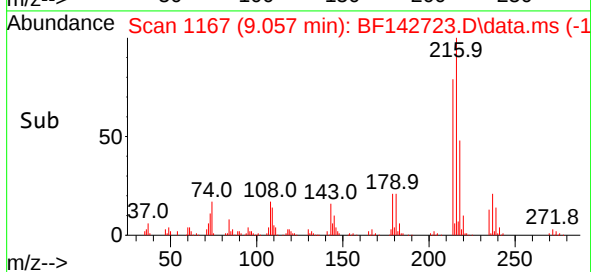
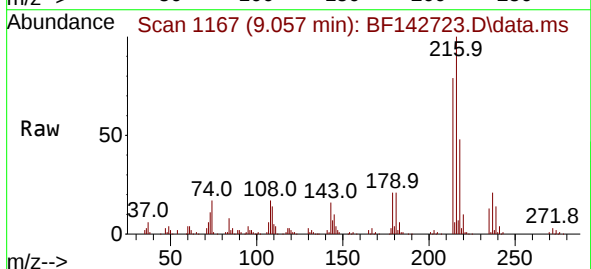
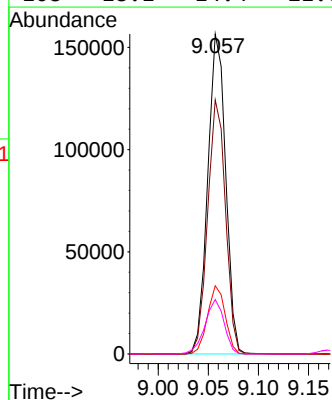
Ion Ratio Lower Upper

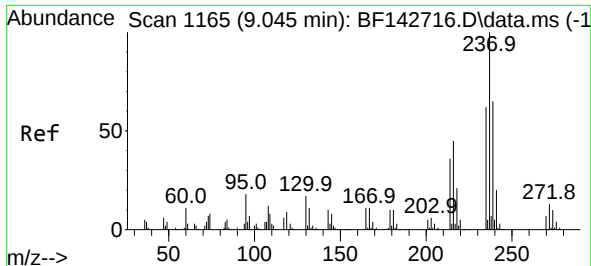
216 100

214 79.0 62.6 94.0

179 21.1 17.1 25.7

108 18.1 14.4 21.6

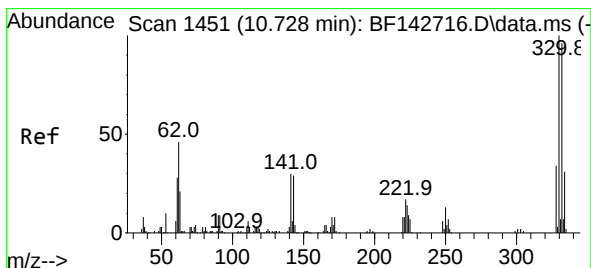
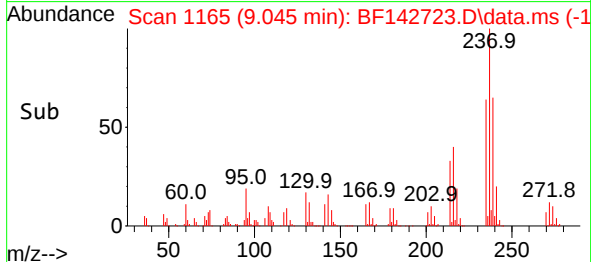
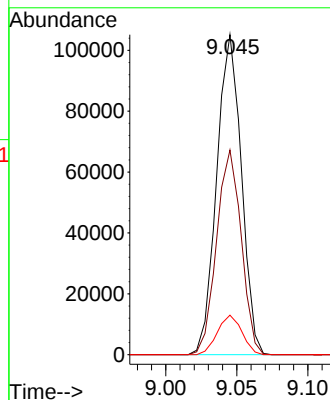
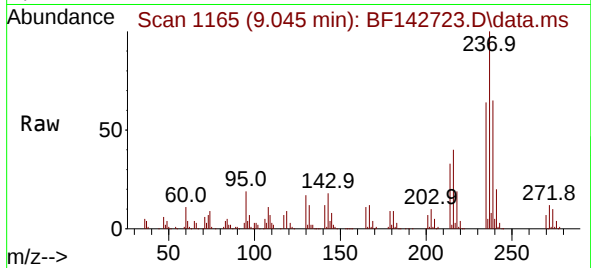




#41  
Hexachlorocyclopentadiene  
Concen: 39.734 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

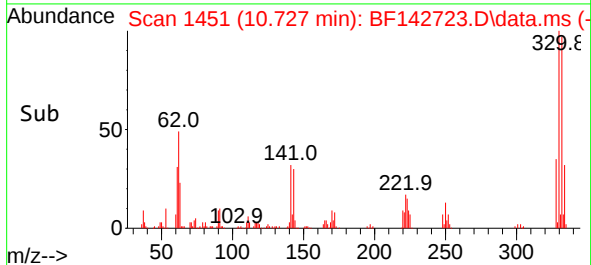
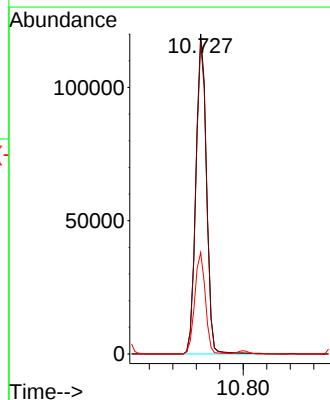
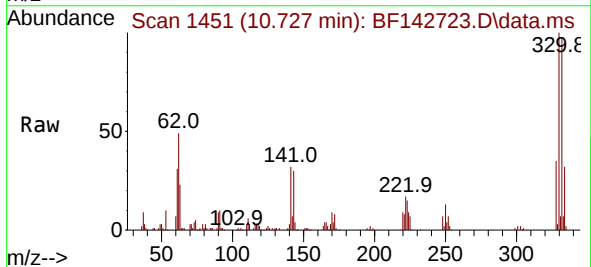
Instrument :  
BNA\_F  
ClientSampleId :

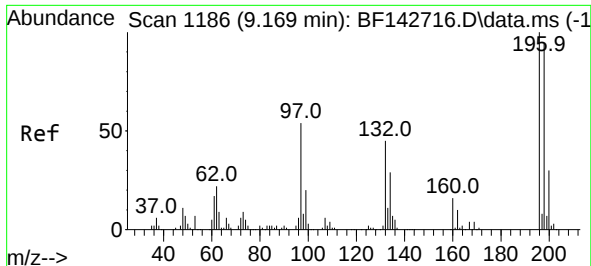
Tgt Ion:237 Resp: 127080  
Ion Ratio Lower Upper  
237 100  
235 64.0 41.9 81.9  
272 12.4 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 79.661 ng  
RT: 10.727 min Scan# 1451  
Delta R.T. -0.001 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

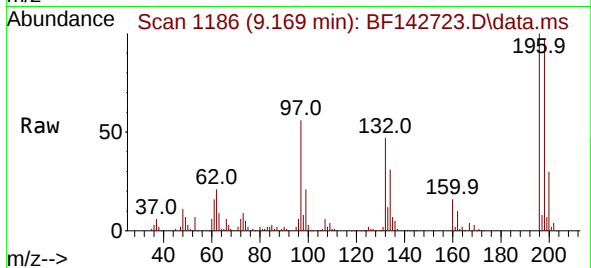
Tgt Ion:330 Resp: 150317  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.0 115.6  
141 31.6 25.4 38.0



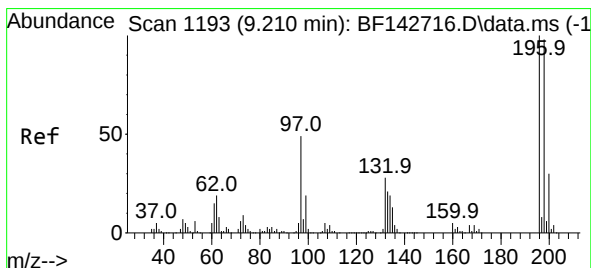
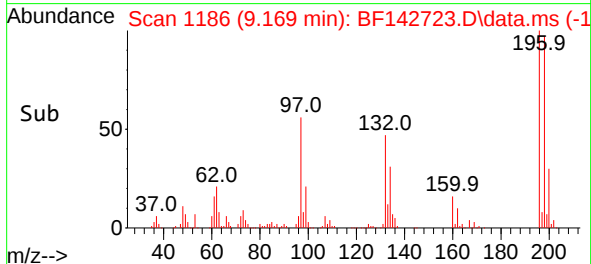
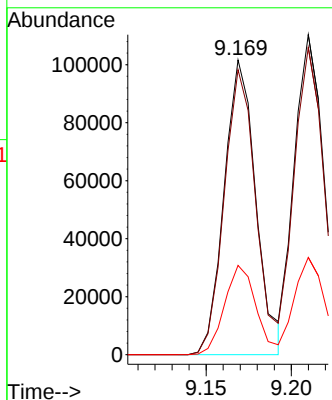


#43  
2,4,6-Trichlorophenol  
Concen: 40.688 ng  
RT: 9.169 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Instrument :  
BNA\_F  
ClientSampleId :

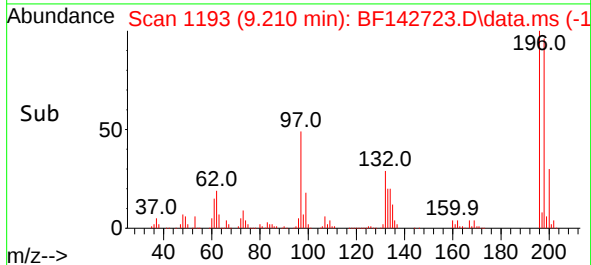
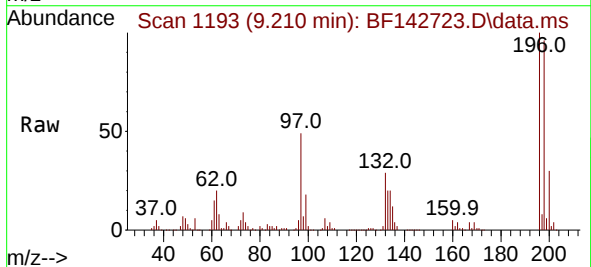
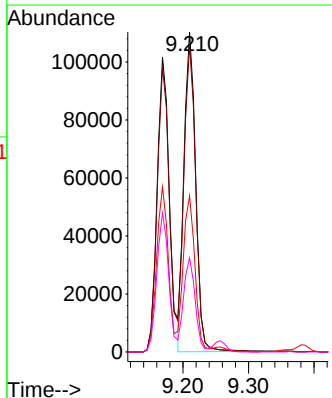


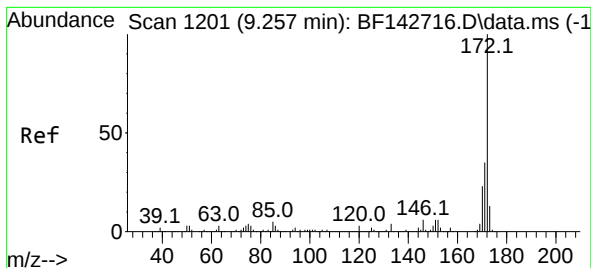
Tgt Ion:196 Resp: 131246  
Ion Ratio Lower Upper  
196 100  
198 96.7 75.5 113.3  
200 30.3 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 39.033 ng  
RT: 9.210 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:196 Resp: 135988  
Ion Ratio Lower Upper  
196 100  
198 96.0 78.2 117.2  
97 48.8 38.6 57.8  
132 29.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 77.182 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

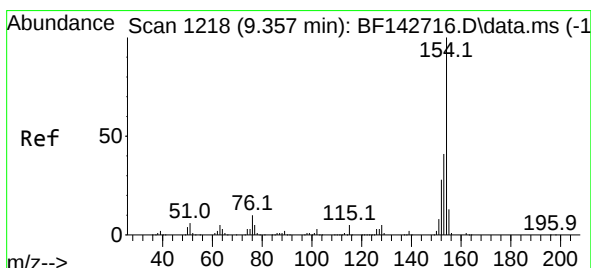
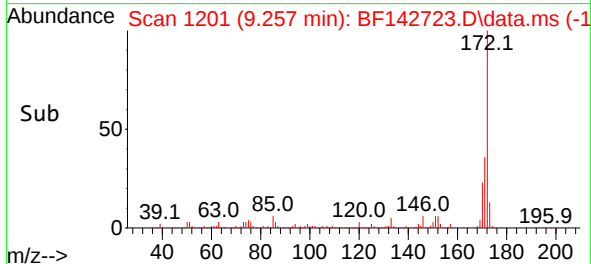
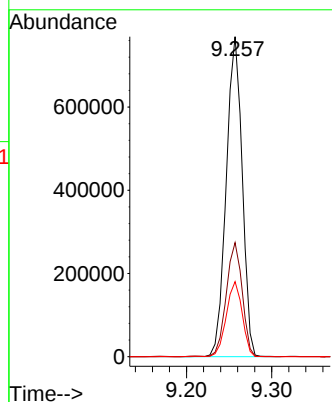
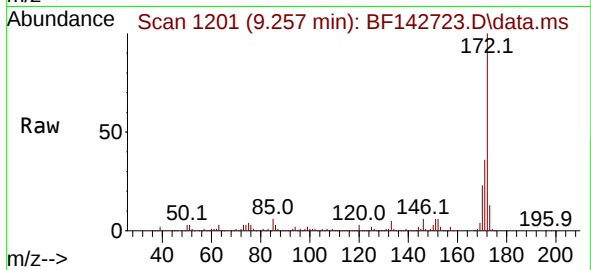
Tgt Ion:172 Resp: 1000211

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 39.049 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

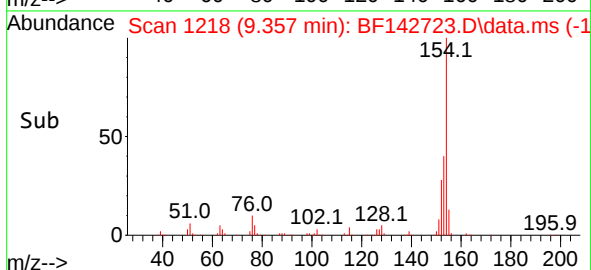
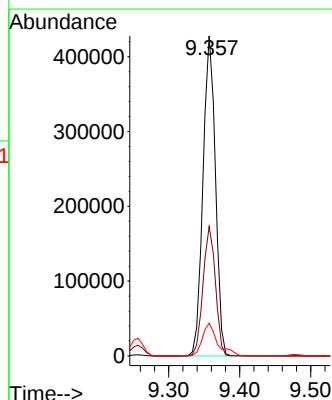
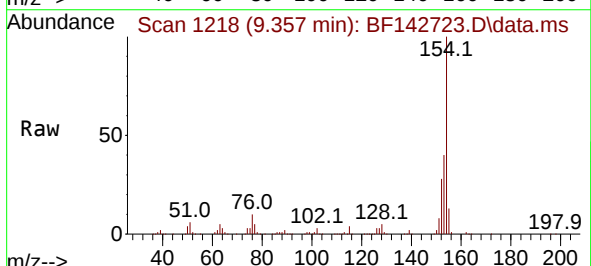
Tgt Ion:154 Resp: 522058

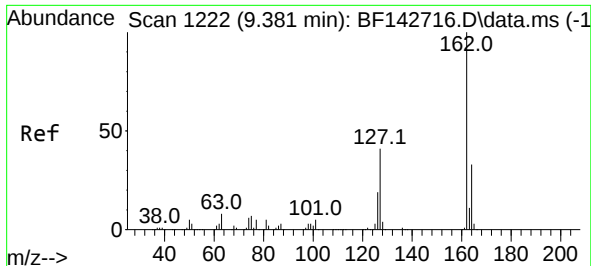
Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 10.2 0.0 30.2





#47

2-Chloronaphthalene

Concen: 39.632 ng

RT: 9.380 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

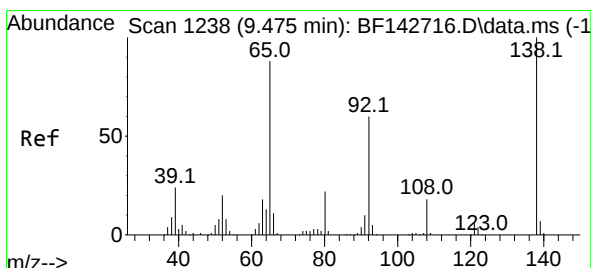
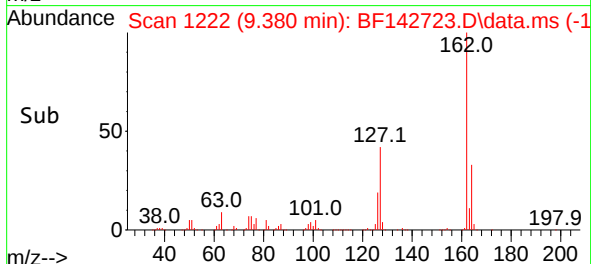
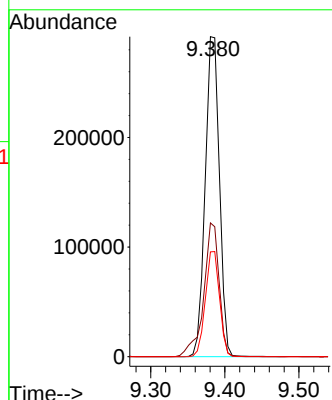
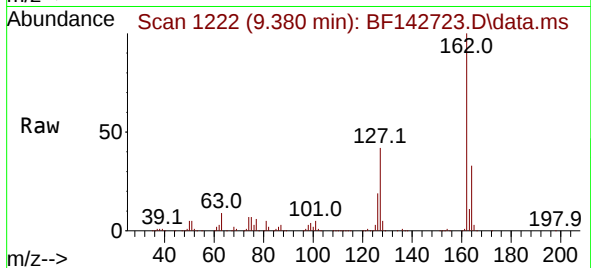
Tgt Ion:162 Resp: 390352

Ion Ratio Lower Upper

162 100

127 41.8 33.5 50.3

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 40.029 ng

RT: 9.480 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

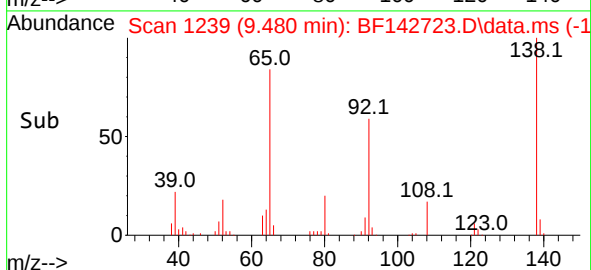
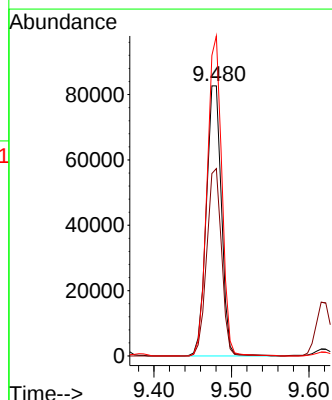
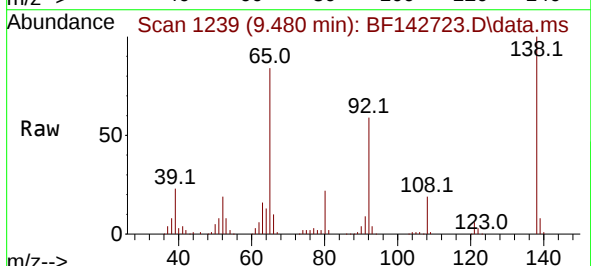
Tgt Ion: 65 Resp: 112135

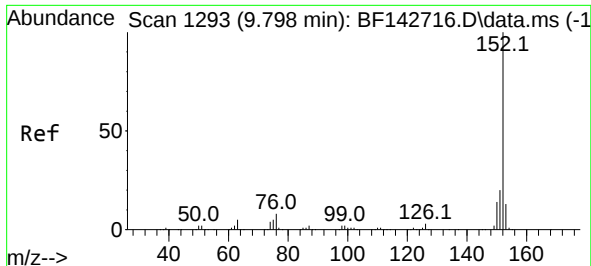
Ion Ratio Lower Upper

65 100

92 69.4 54.5 81.7

138 118.5 90.6 136.0





#49

Acenaphthylene

Concen: 39.206 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

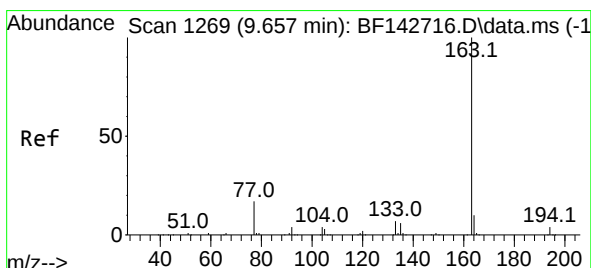
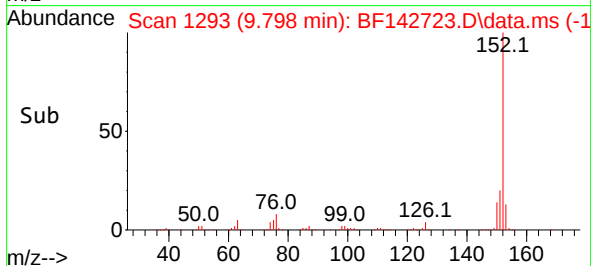
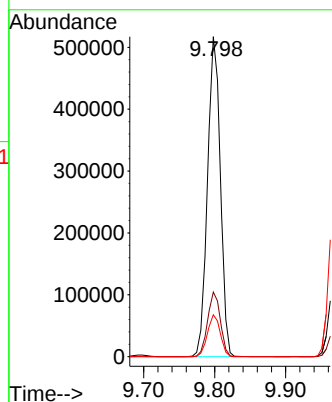
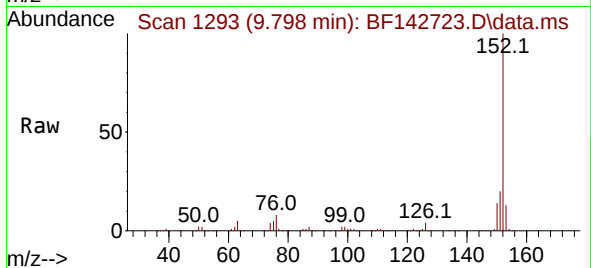
Tgt Ion:152 Resp: 651104

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 39.669 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

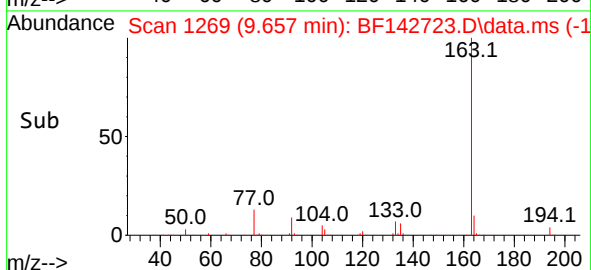
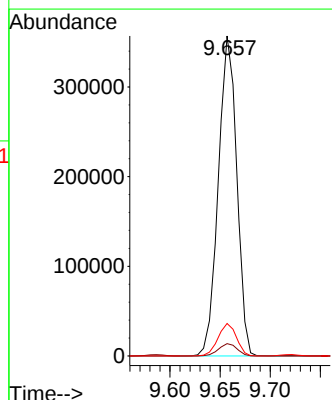
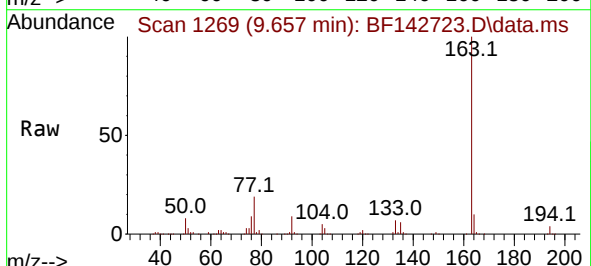
Tgt Ion:163 Resp: 456082

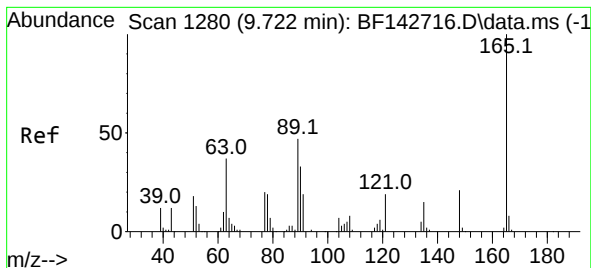
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 39.514 ng

RT: 9.722 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

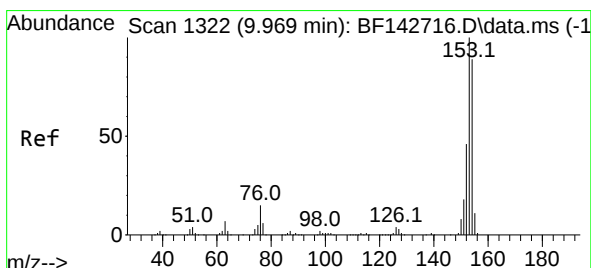
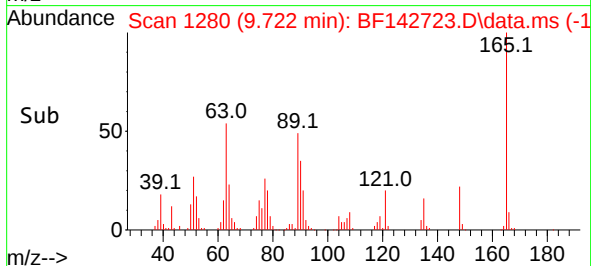
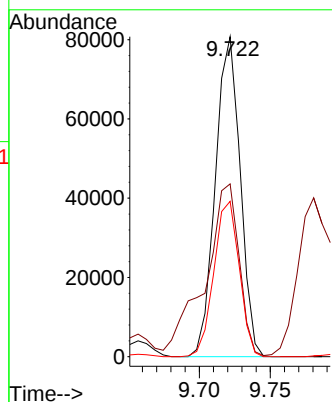
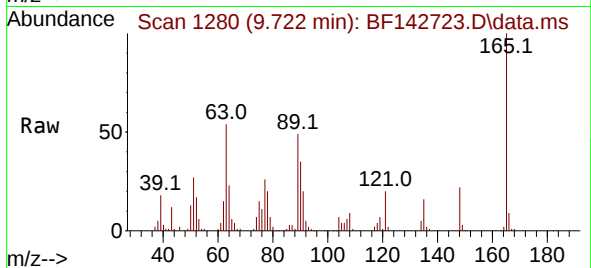
Tgt Ion:165 Resp: 98186

Ion Ratio Lower Upper

165 100

63 54.0 40.6 60.8

89 48.5 37.6 56.4



#52

Acenaphthene

Concen: 39.208 ng

RT: 9.975 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

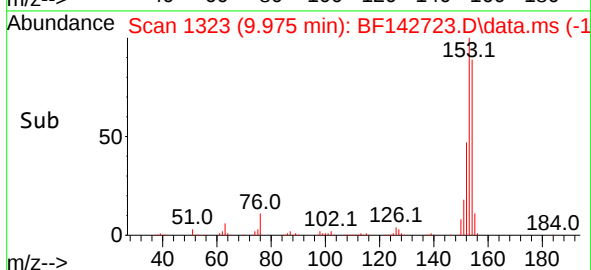
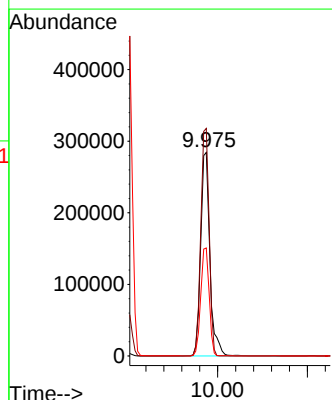
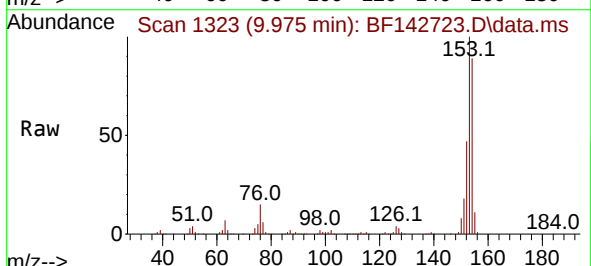
Tgt Ion:154 Resp: 403723

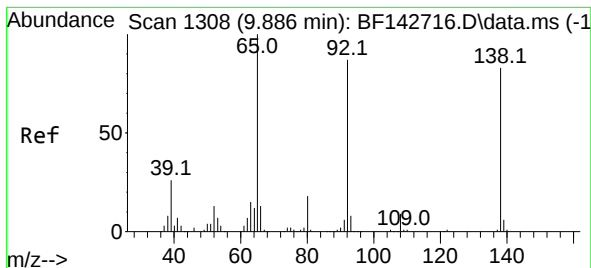
Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

152 53.1 41.9 62.9





#53

3-Nitroaniline

Concen: 39.423 ng

RT: 9.892 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

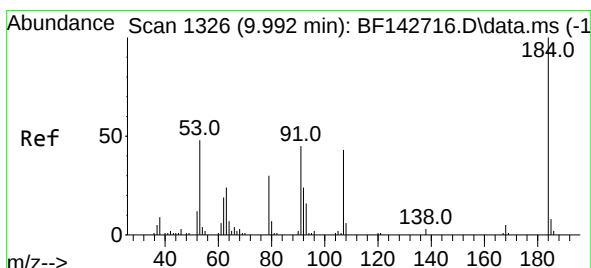
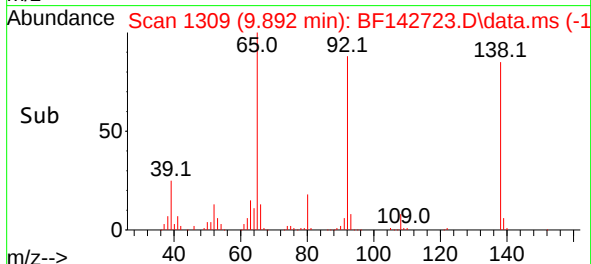
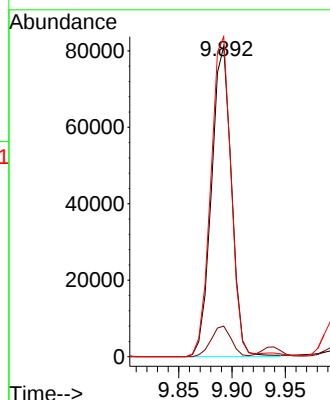
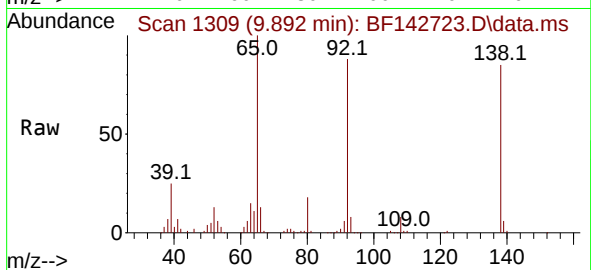
Tgt Ion:138 Resp: 106252

Ion Ratio Lower Upper

138 100

108 9.9 8.3 12.5

92 103.1 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 40.188 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

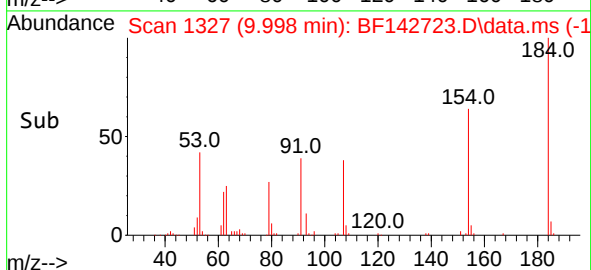
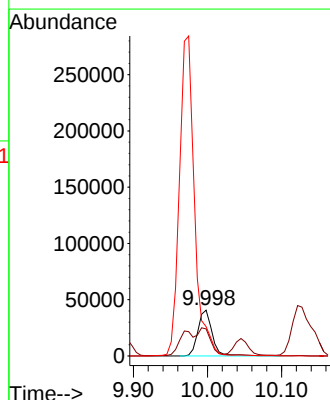
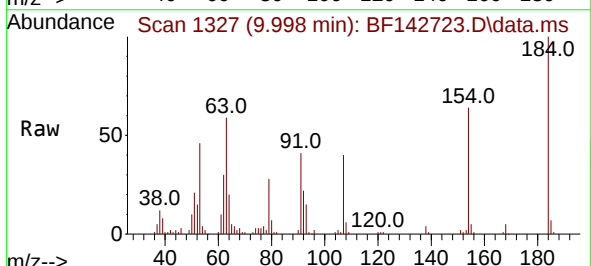
Tgt Ion:184 Resp: 54702

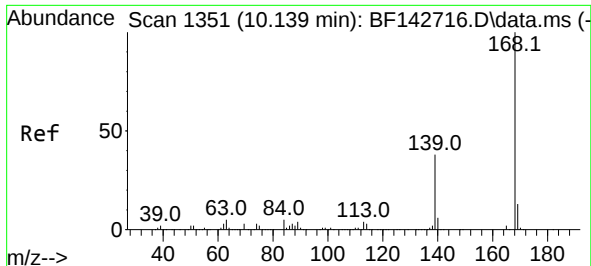
Ion Ratio Lower Upper

184 100

63 59.2 51.7 77.5

154 64.0 60.1 90.1

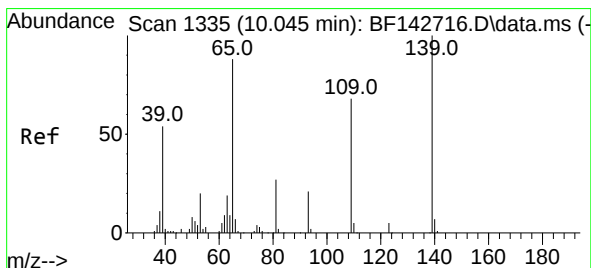
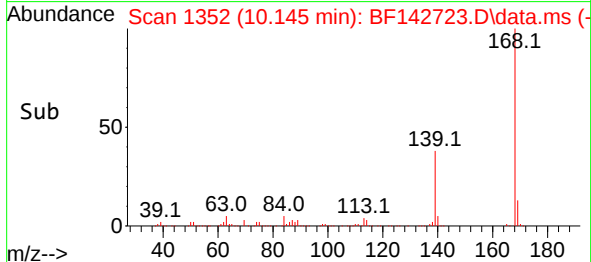
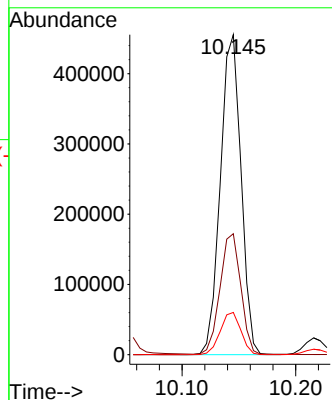
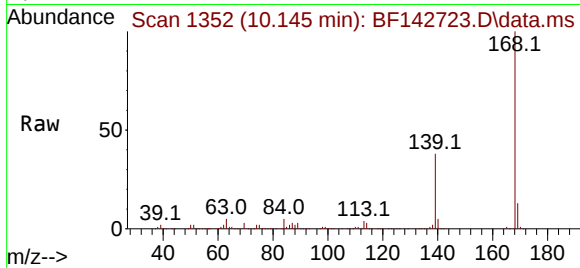




#55  
Dibenzofuran  
Concen: 39.278 ng  
RT: 10.145 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

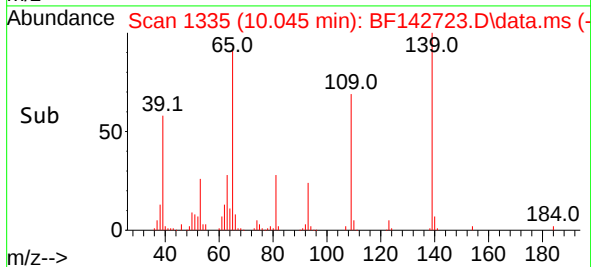
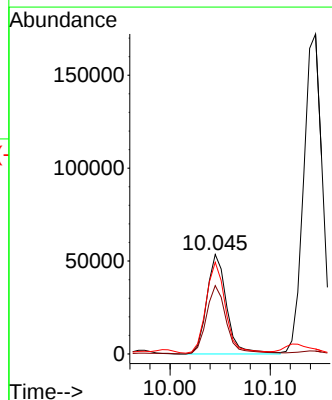
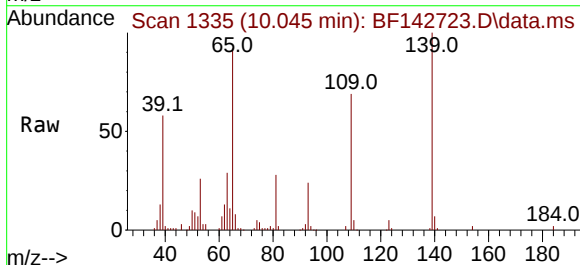
Instrument :  
BNA\_F  
ClientSampleId :

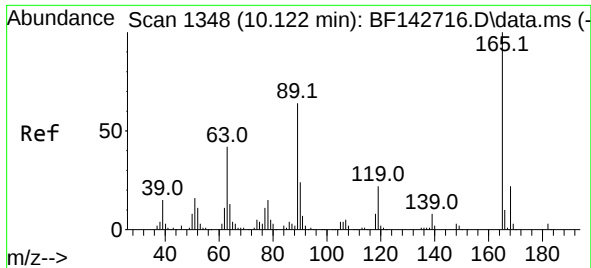
Tgt Ion:168 Resp: 575927  
Ion Ratio Lower Upper  
168 100  
139 37.8 30.9 46.3  
169 13.2 10.8 16.2



#56  
4-Nitrophenol  
Concen: 40.432 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

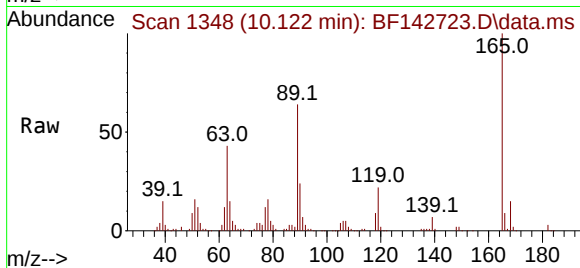
Tgt Ion:139 Resp: 73907  
Ion Ratio Lower Upper  
139 100  
109 68.7 47.5 87.5  
65 92.1 69.2 109.2



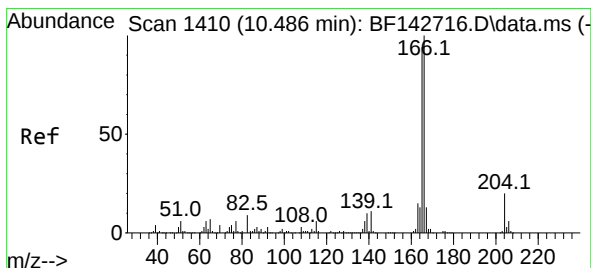
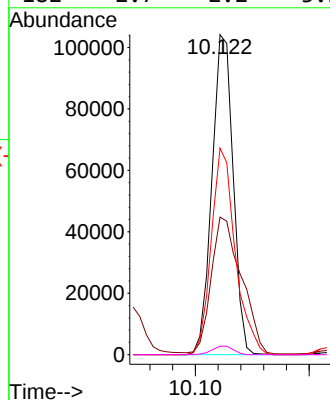
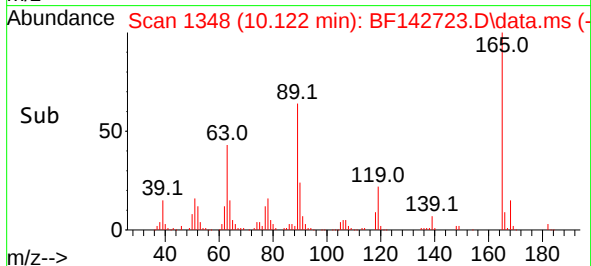


#57  
2,4-Dinitrotoluene  
Concen: 41.102 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

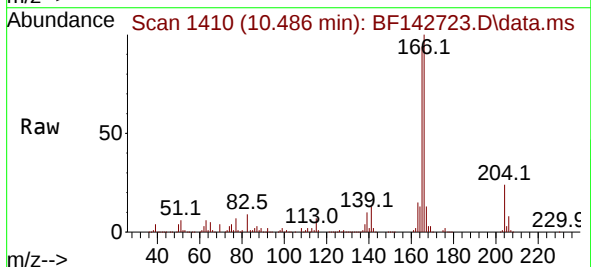
Instrument :  
BNA\_F  
ClientSampleId :



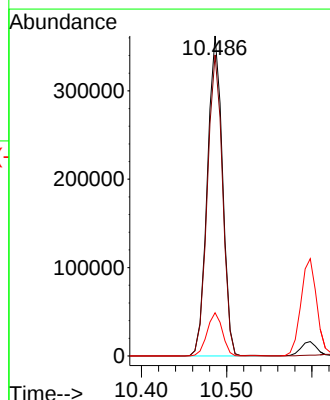
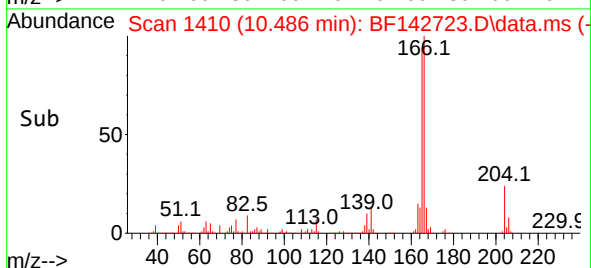
Tgt Ion:165 Resp: 135035  
Ion Ratio Lower Upper  
165 100  
63 43.0 34.1 51.1  
89 64.5 50.8 76.2  
182 2.7 2.2 3.2

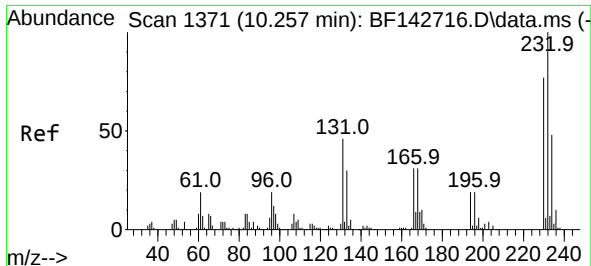


#58  
Fluorene  
Concen: 38.679 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24



Tgt Ion:166 Resp: 447860  
Ion Ratio Lower Upper  
166 100  
165 94.1 74.9 112.3  
167 13.5 10.7 16.1

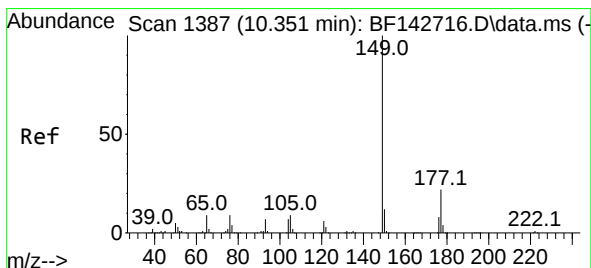
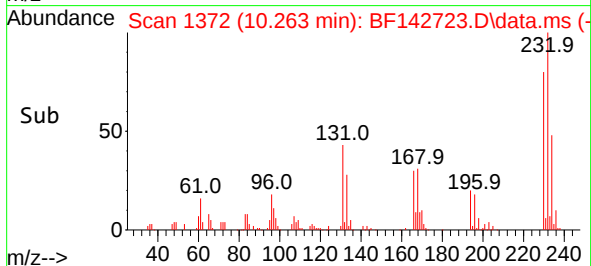
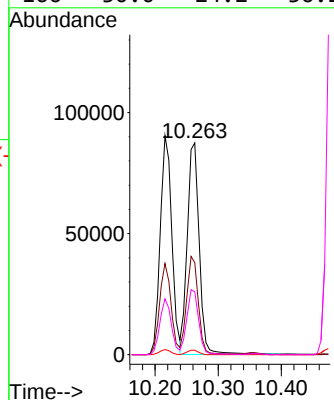
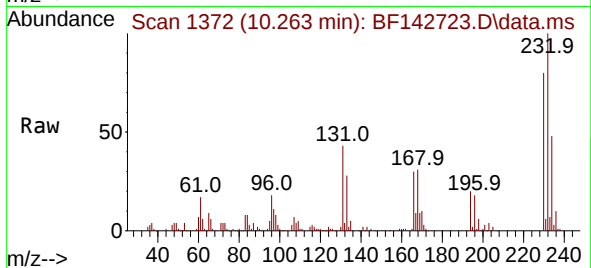




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.344 ng  
RT: 10.263 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

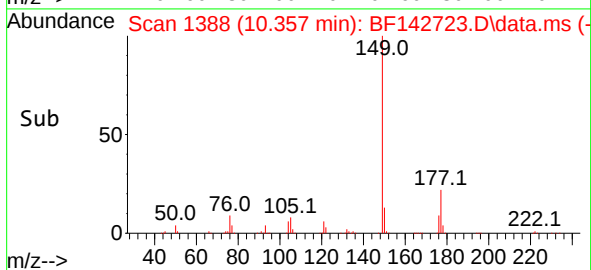
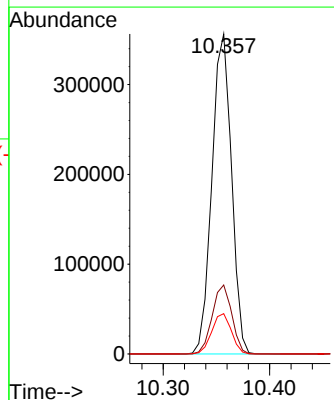
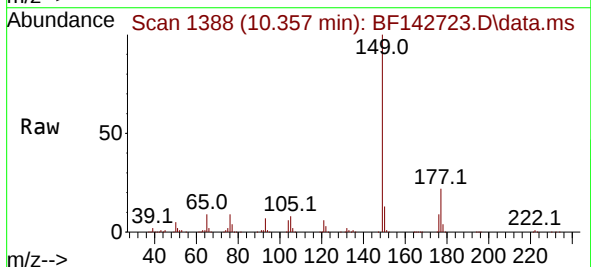
Instrument :  
BNA\_F  
ClientSampleId :

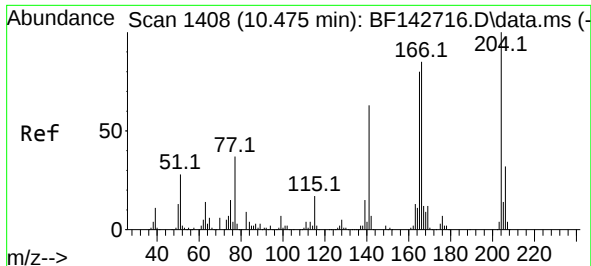
Tgt Ion:232 Resp: 115317  
Ion Ratio Lower Upper  
232 100  
131 45.1 35.8 53.8  
130 2.1 1.8 2.6  
166 30.0 24.2 36.2



#60  
Diethylphthalate  
Concen: 39.823 ng  
RT: 10.357 min Scan# 1388  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:149 Resp: 454002  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.4 26.0  
150 12.6 10.0 15.0

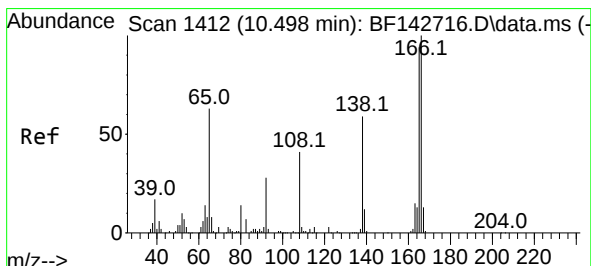
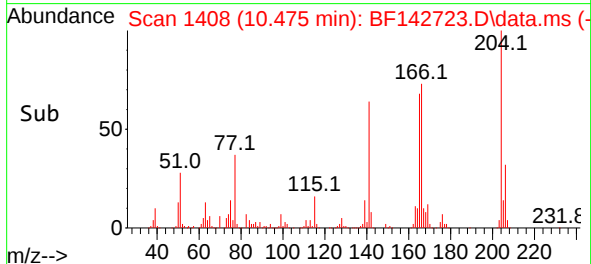
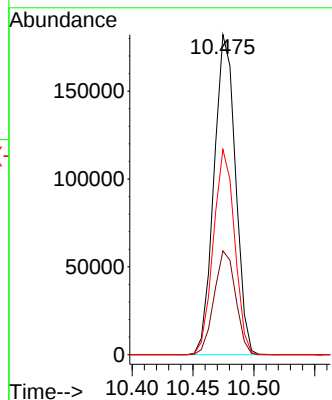
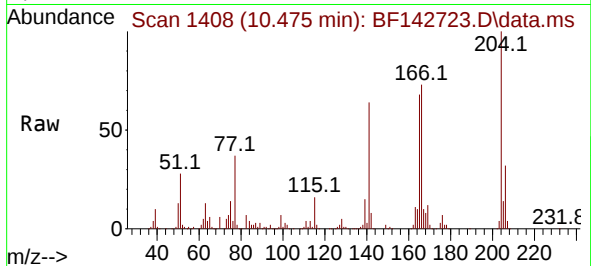




#61  
4-Chlorophenyl-phenylether  
Concen: 39.637 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

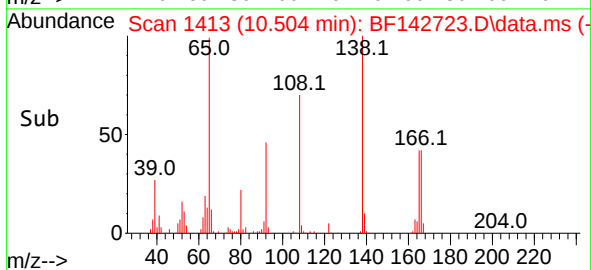
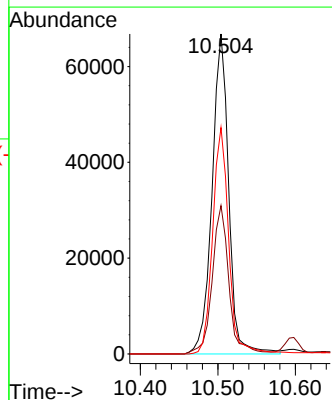
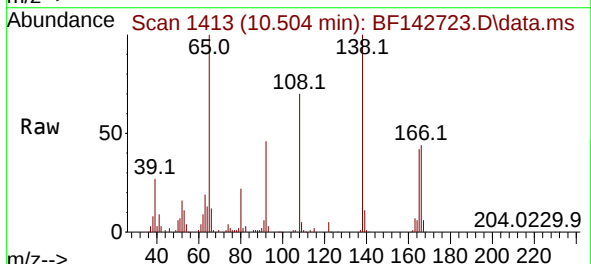
Instrument :  
BNA\_F  
ClientSampleId :

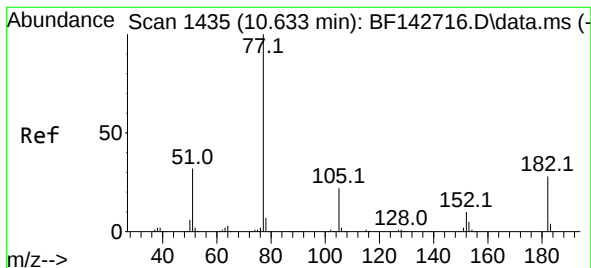
Tgt Ion:204 Resp: 224135  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.9 38.9  
141 64.1 50.2 75.4



#62  
4-Nitroaniline  
Concen: 41.427 ng  
RT: 10.504 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:138 Resp: 99888  
Ion Ratio Lower Upper  
138 100  
92 46.3 27.2 67.2  
108 70.7 49.9 89.9





#63

Azobenzene

Concen: 40.239 ng

RT: 10.639 min Scan# 1435

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 77 Resp: 400645

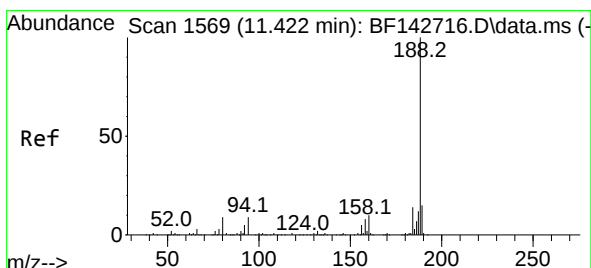
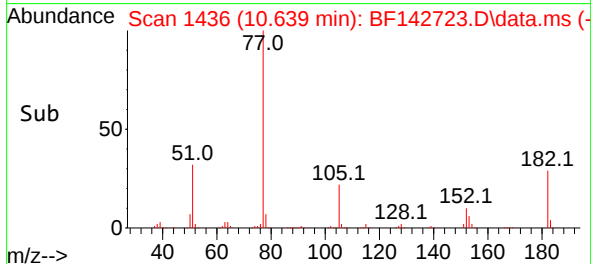
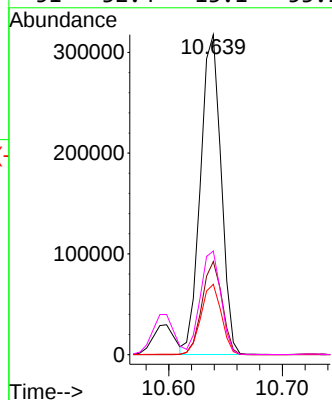
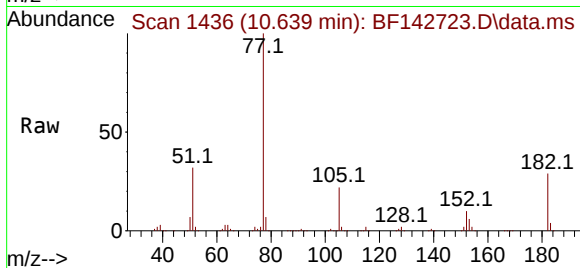
Ion Ratio Lower Upper

77 100

182 29.1 7.8 47.8

105 22.0 1.9 41.9

51 32.4 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

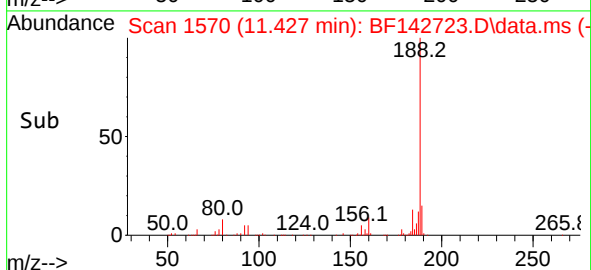
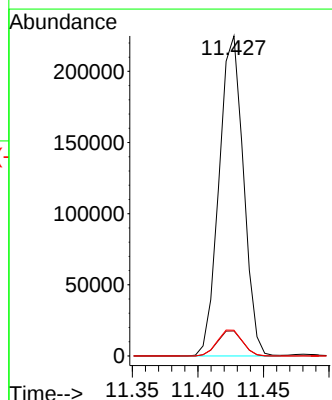
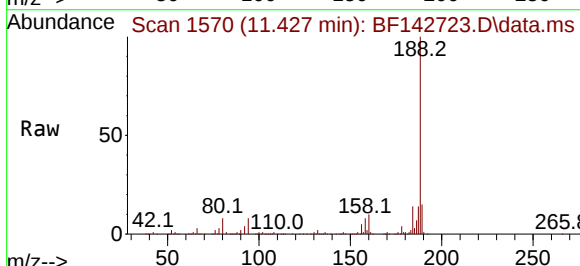
Tgt Ion:188 Resp: 291189

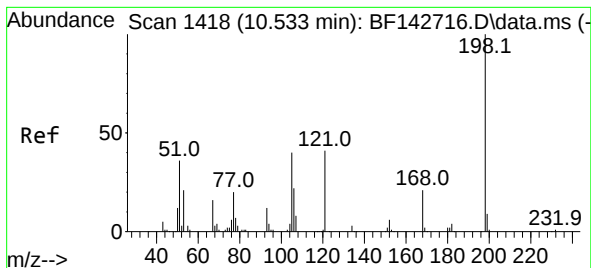
Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 8.0 7.1 10.7

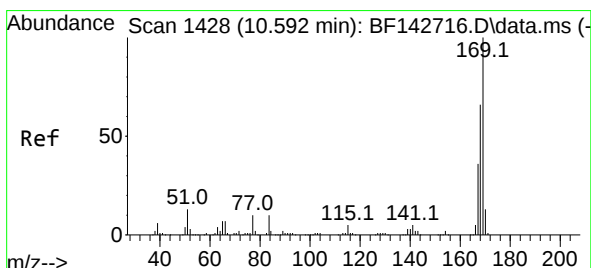
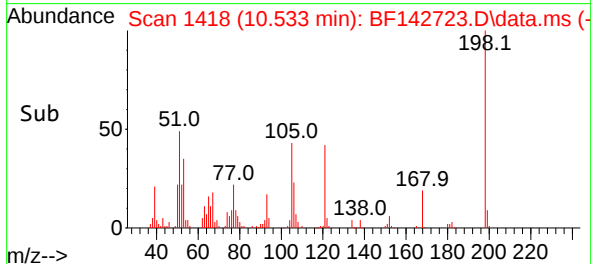
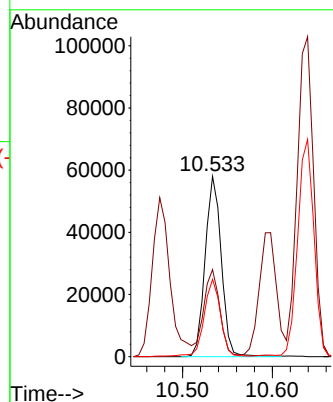
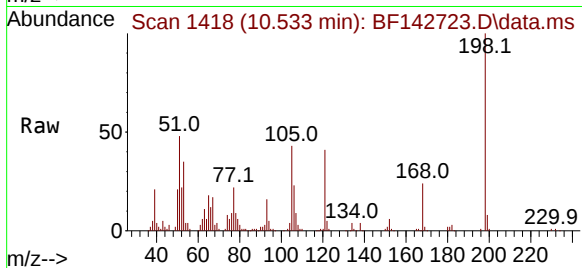




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.770 ng  
RT: 10.533 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

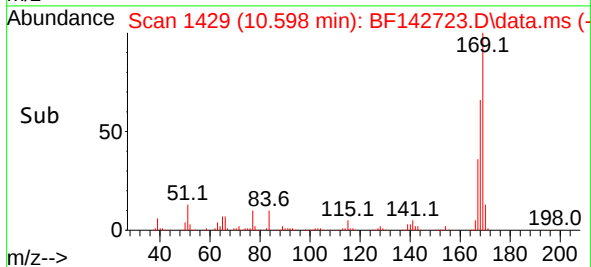
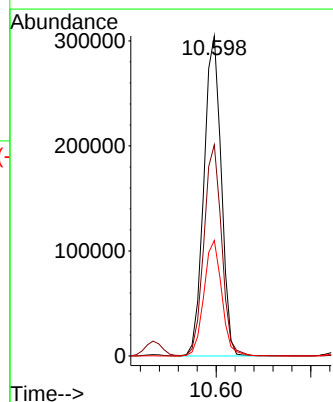
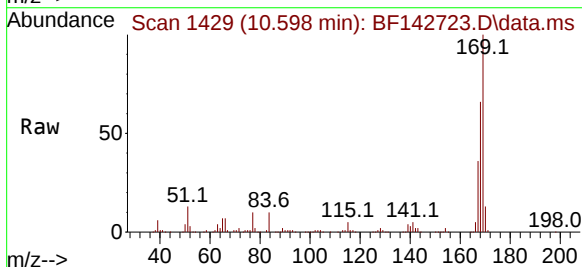
Instrument :  
BNA\_F  
ClientSampleId :

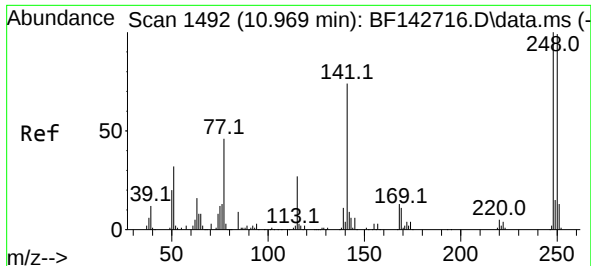
Tgt Ion:198 Resp: 72521  
Ion Ratio Lower Upper  
198 100  
51 48.2 25.5 65.5  
105 42.8 21.1 61.1



#66  
n-Nitrosodiphenylamine  
Concen: 38.788 ng  
RT: 10.598 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:169 Resp: 388235  
Ion Ratio Lower Upper  
169 100  
168 66.0 53.0 79.4  
167 36.1 28.7 43.1

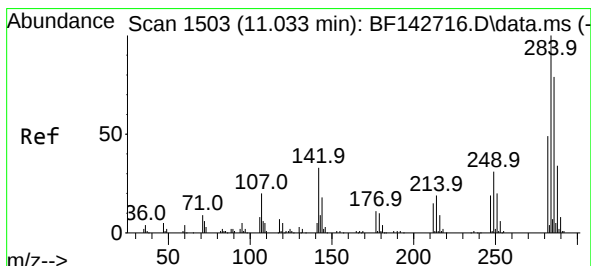
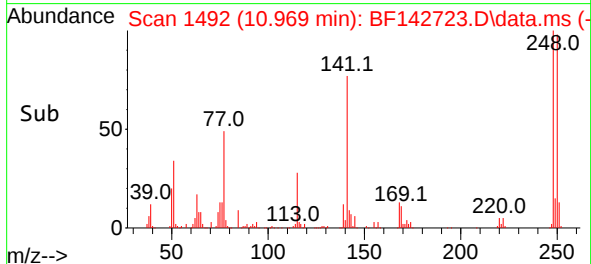
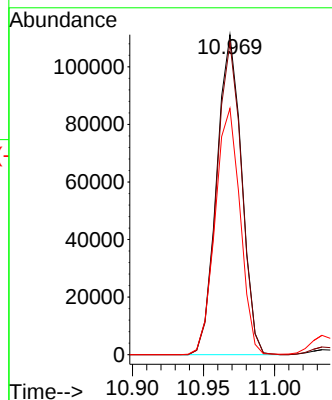
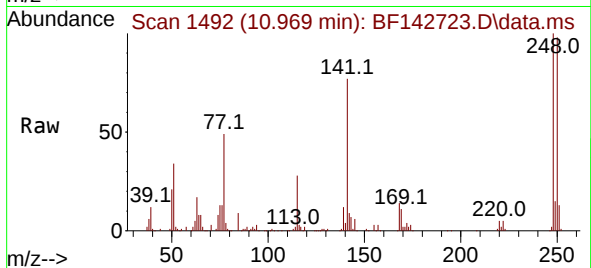




#67  
4-Bromophenyl-phenylether  
Concen: 39.397 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

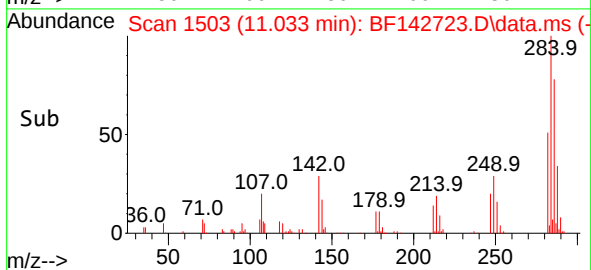
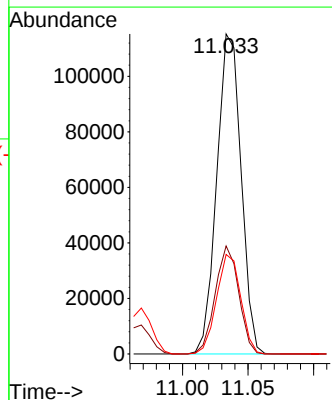
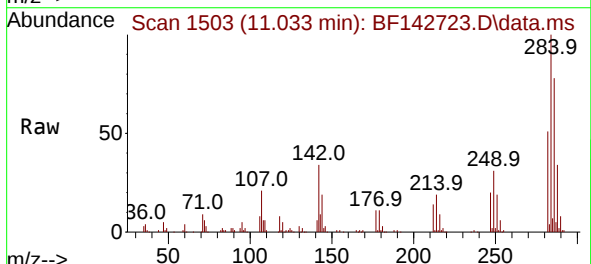
Instrument :  
BNA\_F  
ClientSampleId :

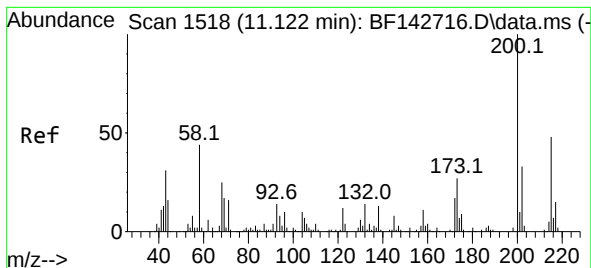
Tgt Ion:248 Resp: 135412  
Ion Ratio Lower Upper  
248 100  
250 97.5 79.2 118.8  
141 77.0 59.3 88.9



#68  
Hexachlorobenzene  
Concen: 38.888 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:284 Resp: 148372  
Ion Ratio Lower Upper  
284 100  
142 33.7 26.0 39.0  
249 31.1 24.6 37.0





#69

Atrazine

Concen: 41.943 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

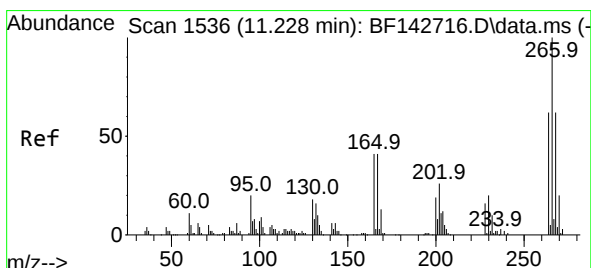
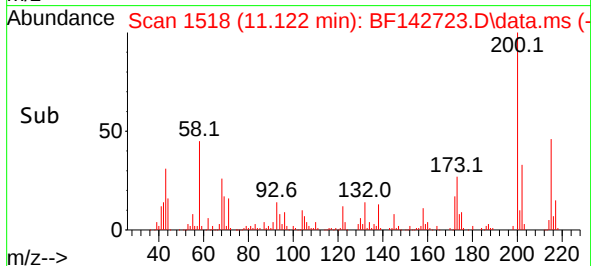
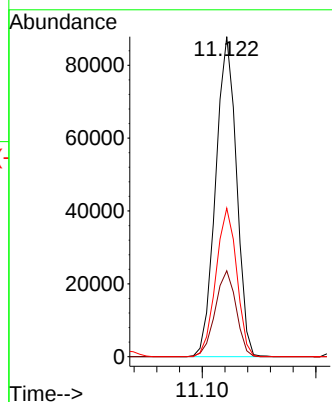
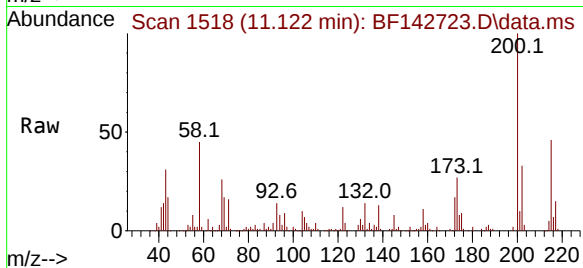
Tgt Ion:200 Resp: 111926

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

215 46.4 28.2 68.2



#70

Pentachlorophenol

Concen: 40.127 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

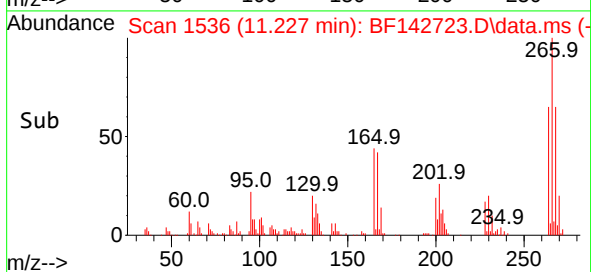
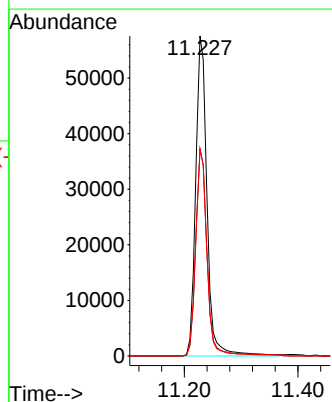
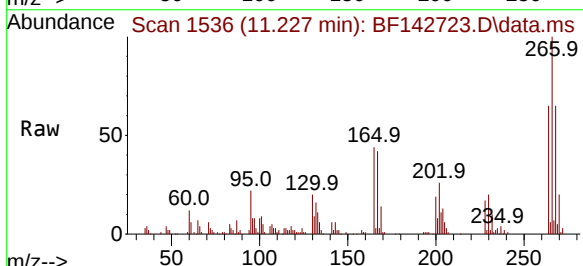
Tgt Ion:266 Resp: 80252

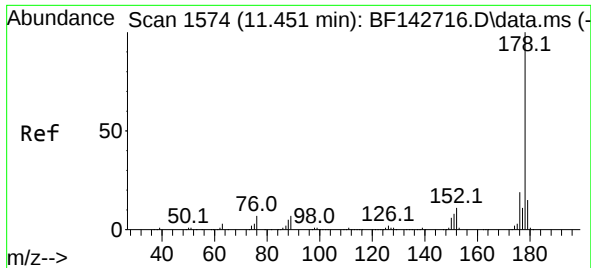
Ion Ratio Lower Upper

266 100

268 64.6 49.6 74.4

264 64.7 49.5 74.3

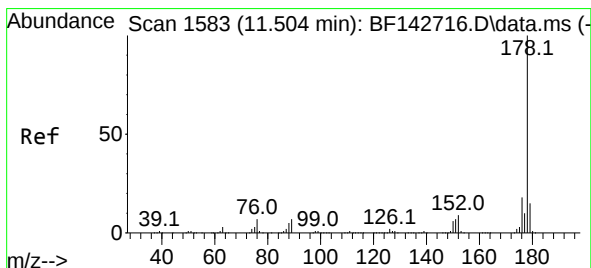
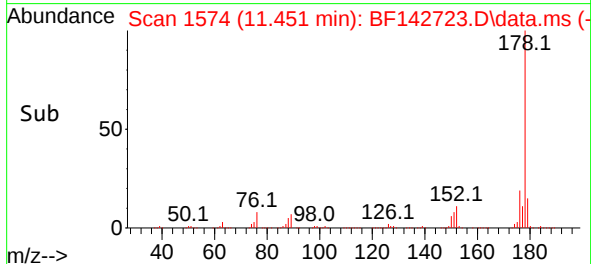
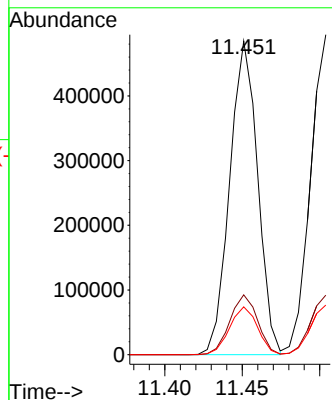
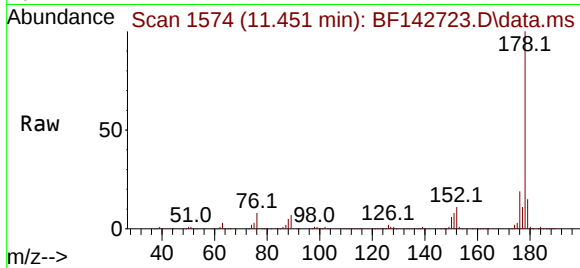




#71  
Phenanthrene  
Concen: 38.955 ng  
RT: 11.451 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

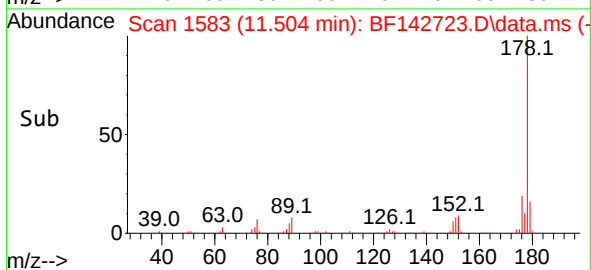
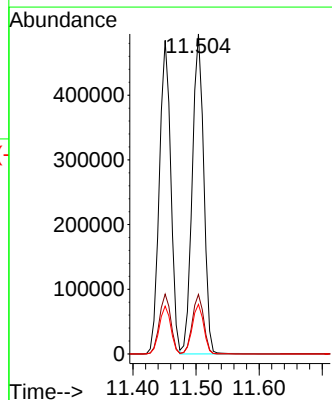
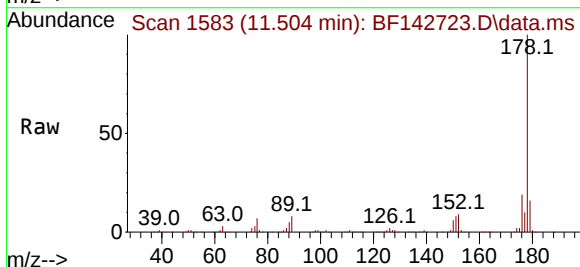
Instrument :  
BNA\_F  
ClientSampleId :

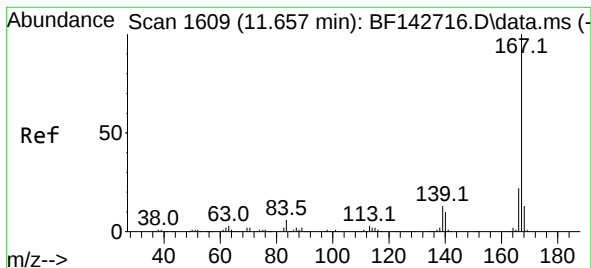
Tgt Ion:178 Resp: 607696  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 38.603 ng  
RT: 11.504 min Scan# 1583  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:178 Resp: 622981  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.8 22.2  
179 15.5 12.2 18.2





#73

Carbazole

Concen: 39.681 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

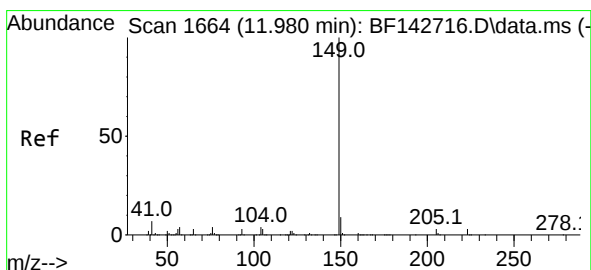
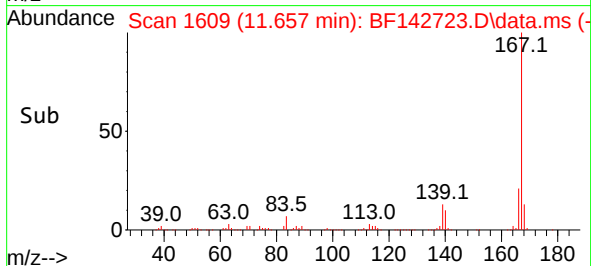
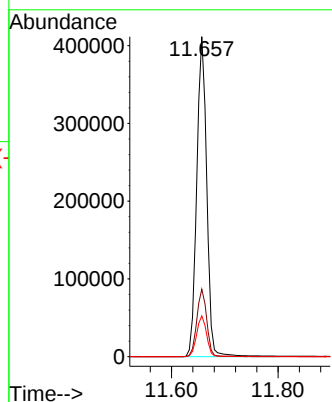
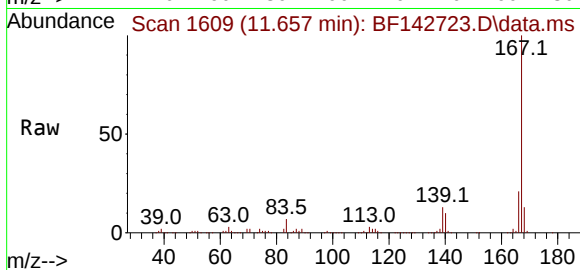
Tgt Ion:167 Resp: 536095

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 42.505 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

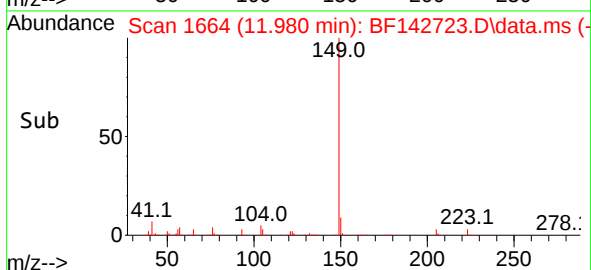
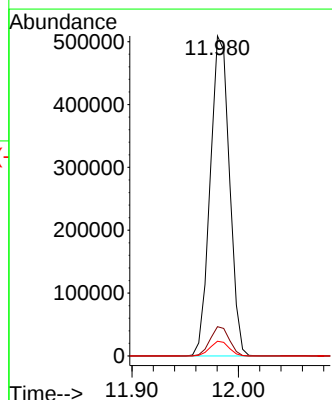
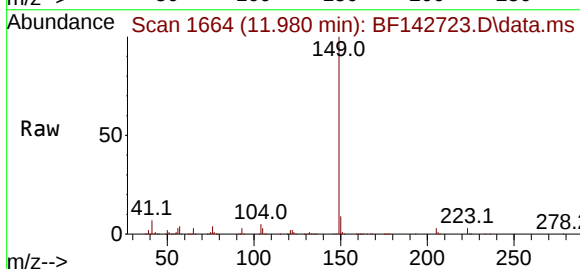
Tgt Ion:149 Resp: 641208

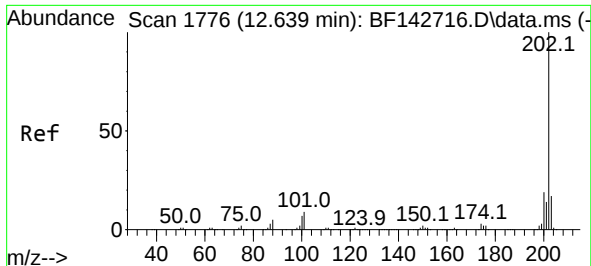
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 4.6 3.4 5.2

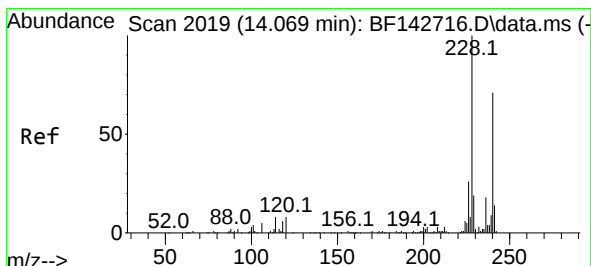
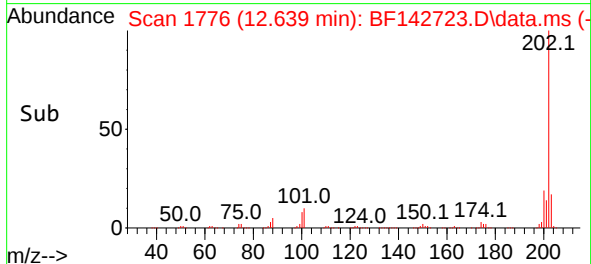
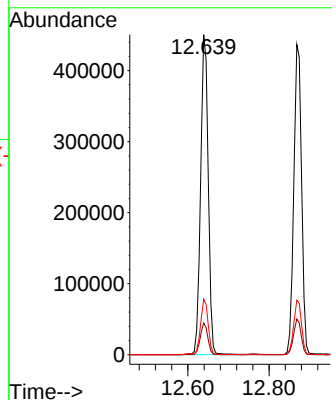
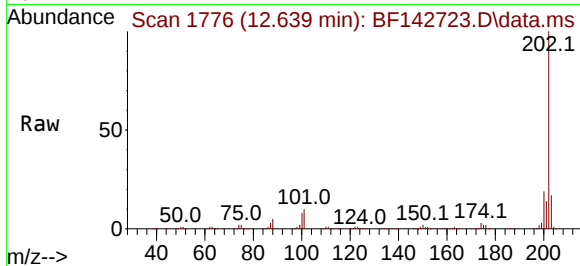




#75  
Fluoranthene  
Concen: 39.918 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

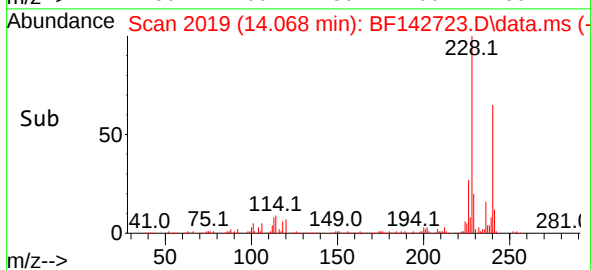
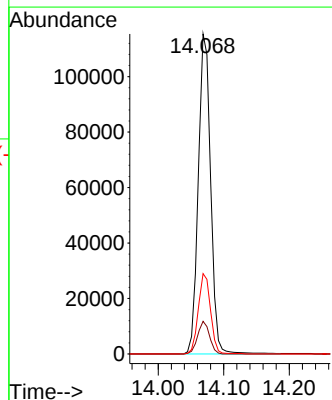
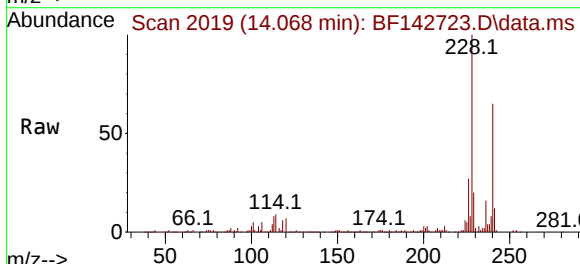
Instrument :  
BNA\_F  
ClientSampleId :

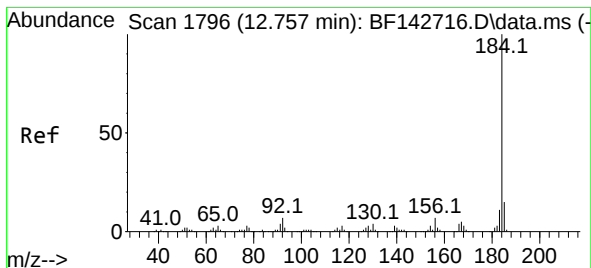
Tgt Ion:202 Resp: 592143  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 29.5  
203 17.3 0.0 37.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:240 Resp: 151467  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.5 12.7  
236 25.1 20.1 30.1





#77

Benzidine

Concen: 46.769 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

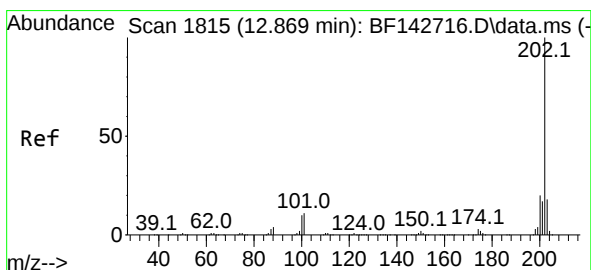
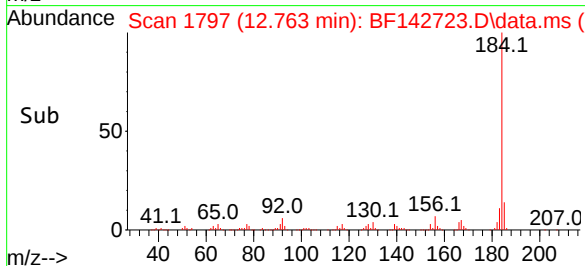
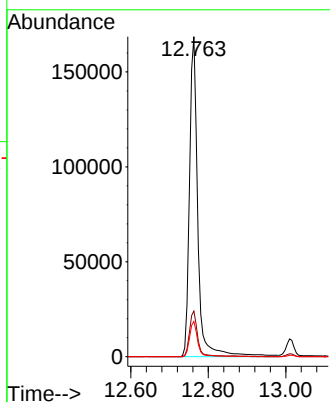
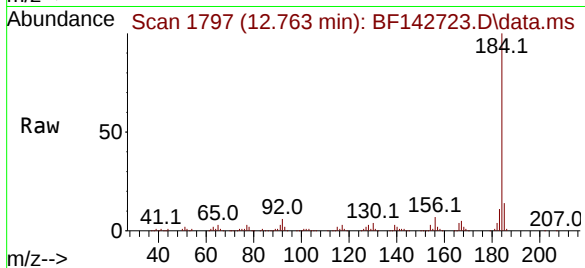
Tgt Ion:184 Resp: 252286

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.0 8.6 12.8



#78

Pyrene

Concen: 40.985 ng

RT: 12.868 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

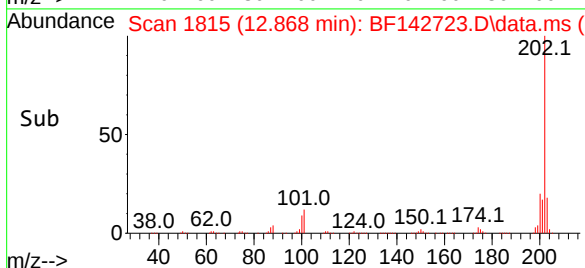
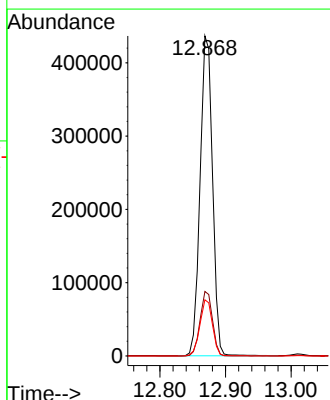
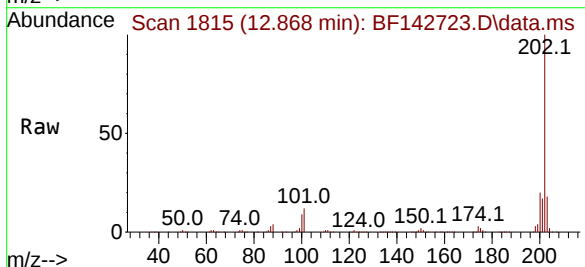
Tgt Ion:202 Resp: 576896

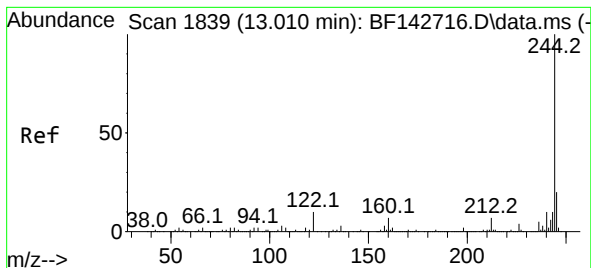
Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.8

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 82.504 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.000 min

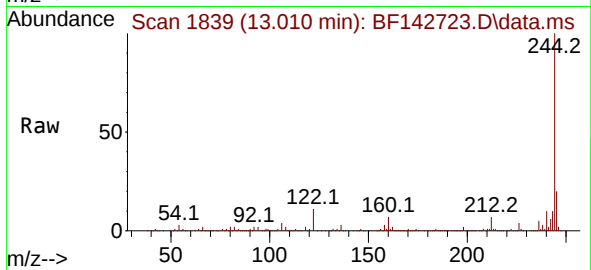
Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

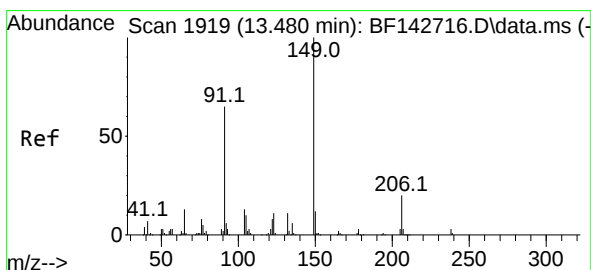
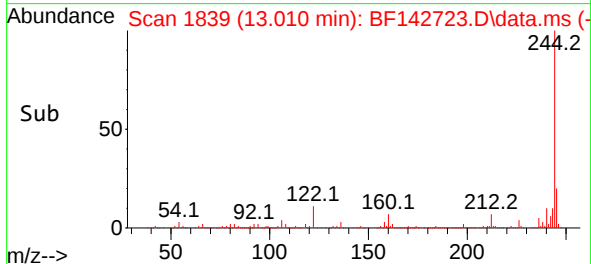
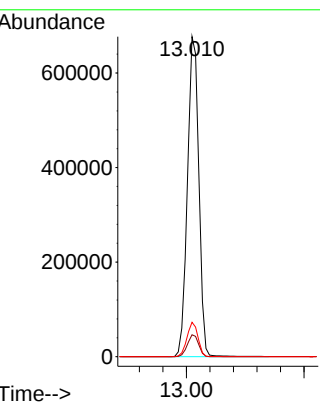
BNA\_F

ClientSampleId :



Tgt Ion:244 Resp: 909882

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.4   | 8.0   |
| 122 | 10.8  | 8.3   | 12.5  |



#80

Butylbenzylphthalate

Concen: 42.848 ng

RT: 13.486 min Scan# 1920

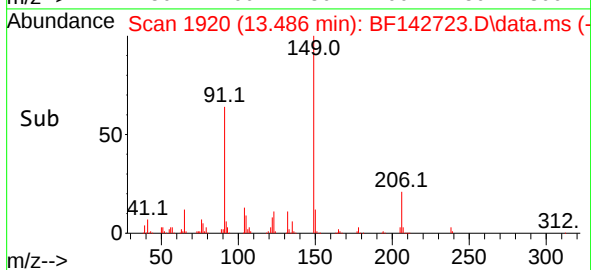
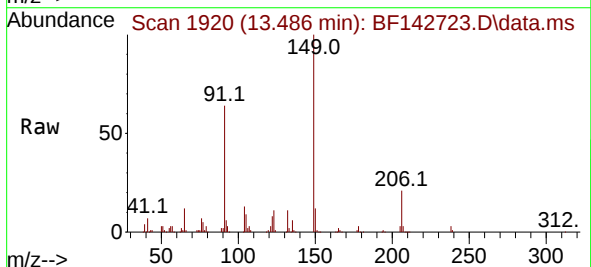
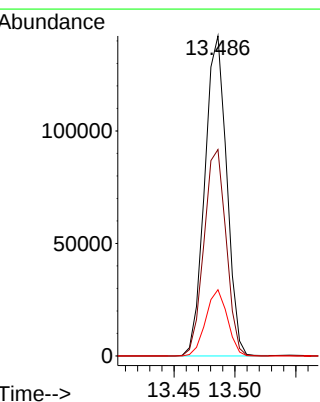
Delta R.T. 0.006 min

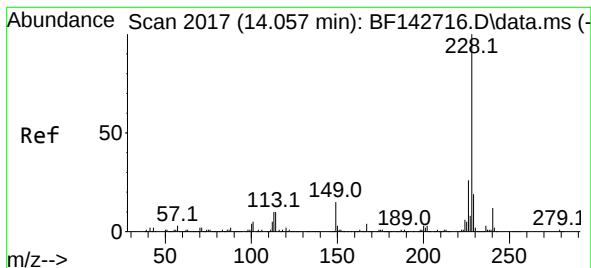
Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Tgt Ion:149 Resp: 178350

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 64.5  | 52.3  | 78.5  |
| 206 | 20.7  | 16.0  | 24.0  |





#81

Benzo(a)anthracene

Concen: 40.146 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

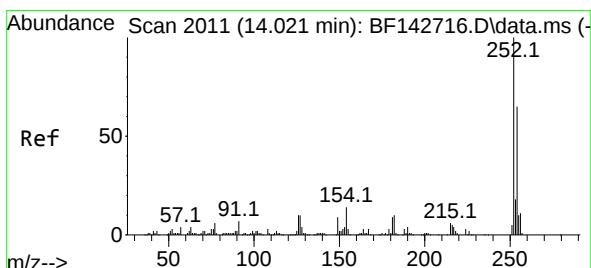
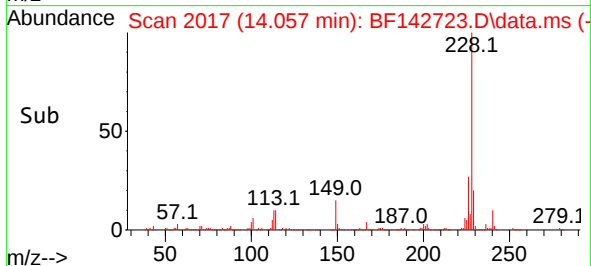
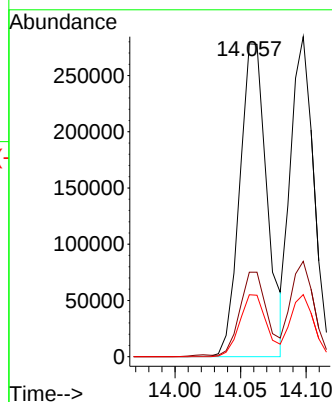
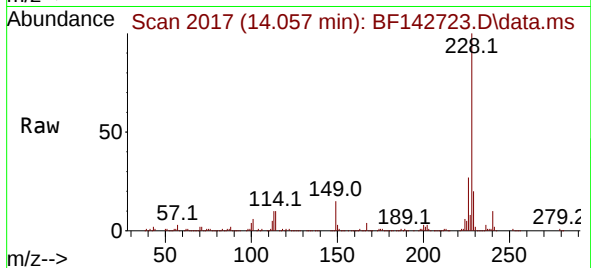
Tgt Ion:228 Resp: 402953

Ion Ratio Lower Upper

228 100

226 27.0 21.0 31.4

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 38.074 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

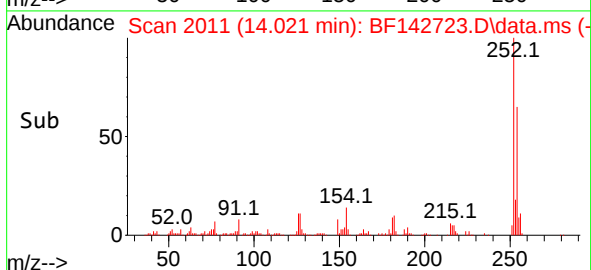
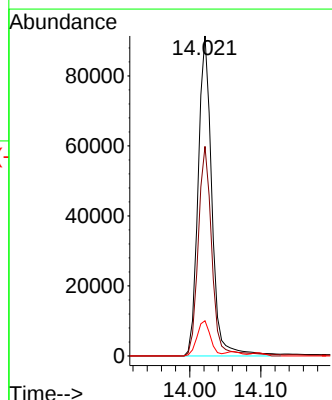
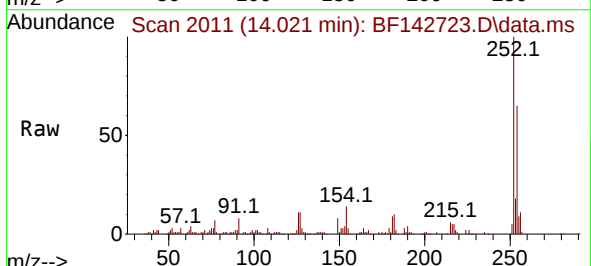
Tgt Ion:252 Resp: 123235

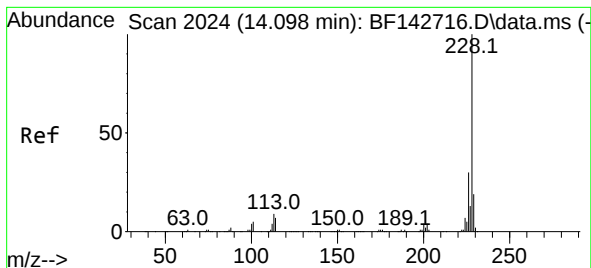
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 11.0 8.1 12.1





#83

Chrysene

Concen: 38.175 ng

RT: 14.098 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

Instrument :

BNA\_F

ClientSampleId :

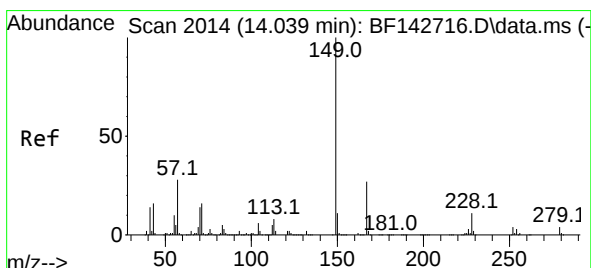
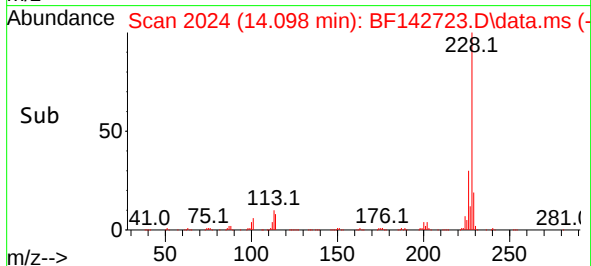
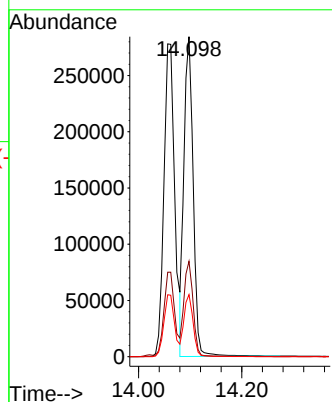
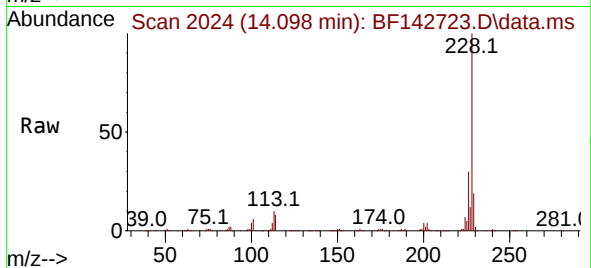
Tgt Ion:228 Resp: 353764

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.812 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF142723.D

Acq: 11 Jun 2025 09:24

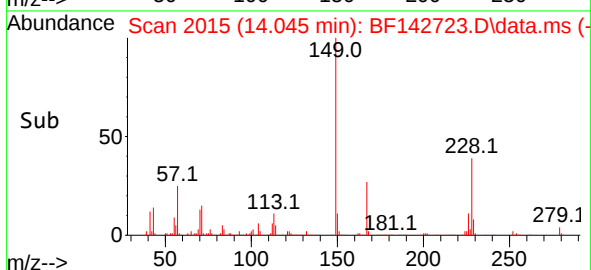
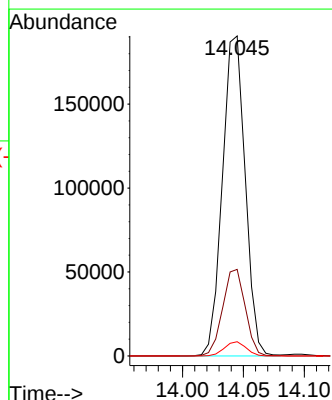
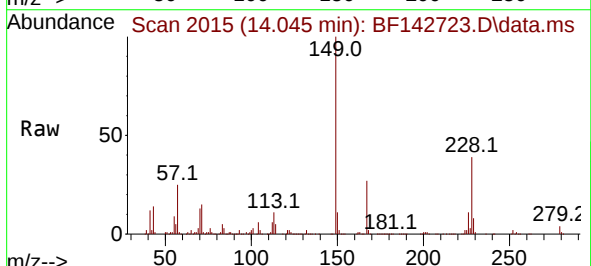
Tgt Ion:149 Resp: 248697

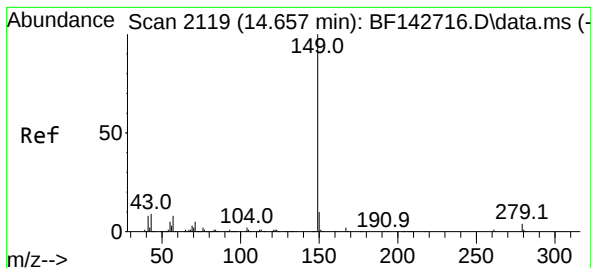
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

279 4.5 3.0 4.4#

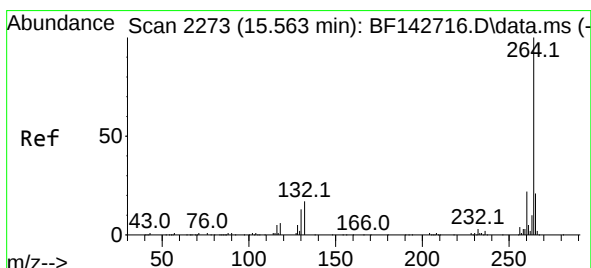
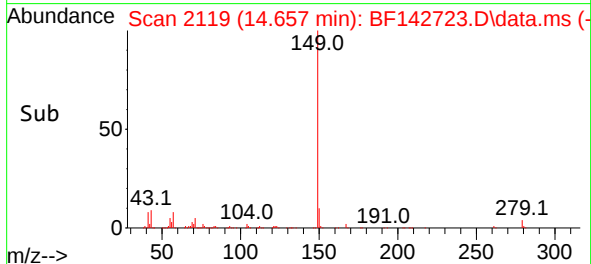
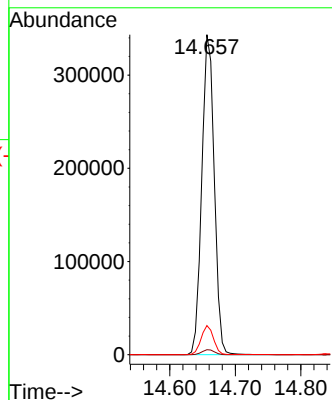
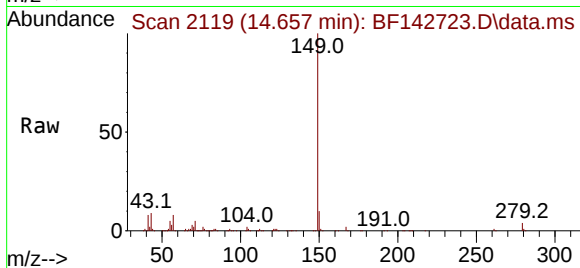




#85  
Di-n-octyl phthalate  
Concen: 37.906 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

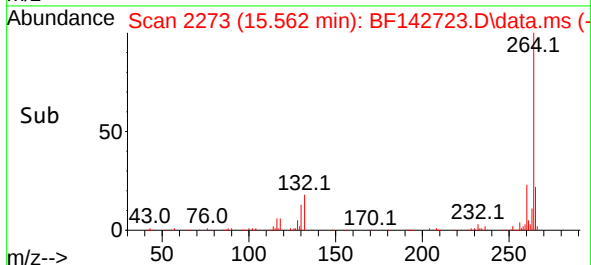
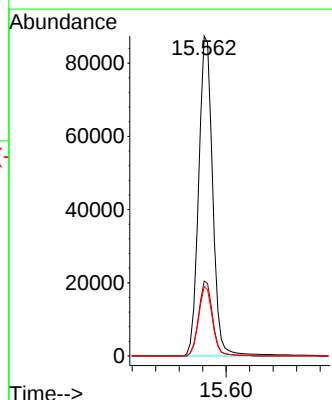
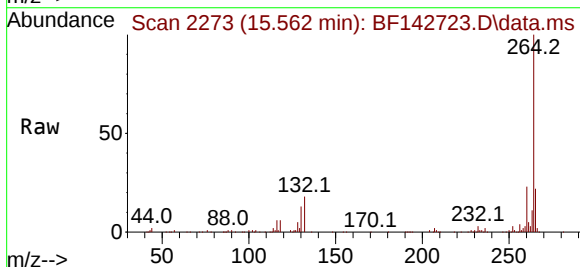
Instrument :  
BNA\_F  
ClientSampleId :

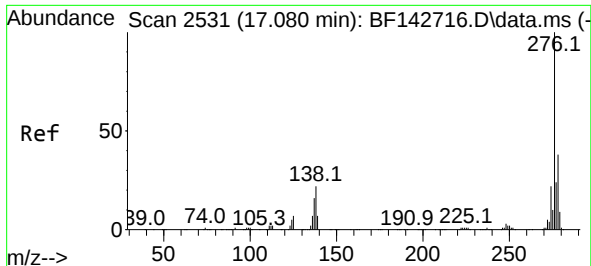
Tgt Ion:149 Resp: 454287  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.1 7.3 10.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.562 min Scan# 2273  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

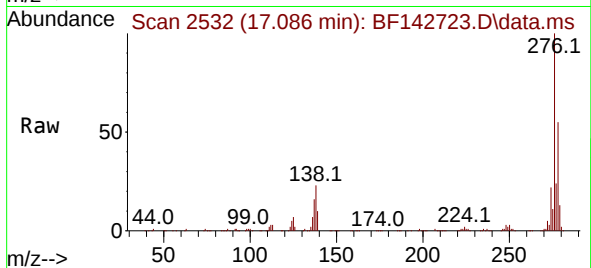
Tgt Ion:264 Resp: 144700  
Ion Ratio Lower Upper  
264 100  
260 23.4 17.8 26.6  
265 21.7 16.6 25.0



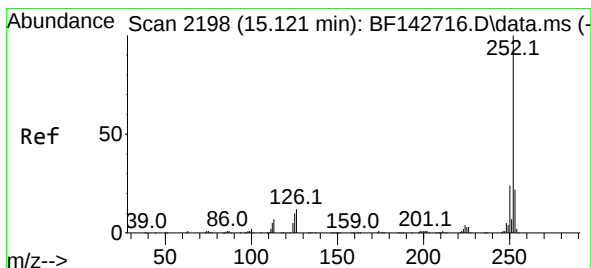
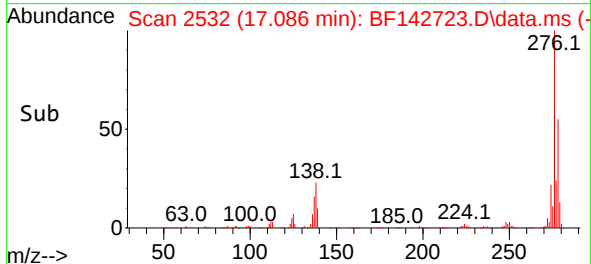
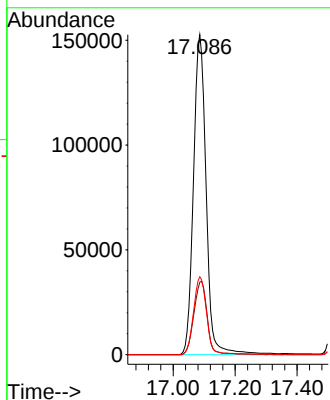


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.517 ng  
 RT: 17.086 min Scan# 2198  
 Delta R.T. 0.006 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24

Instrument :  
 BNA\_F  
 ClientSampleId :

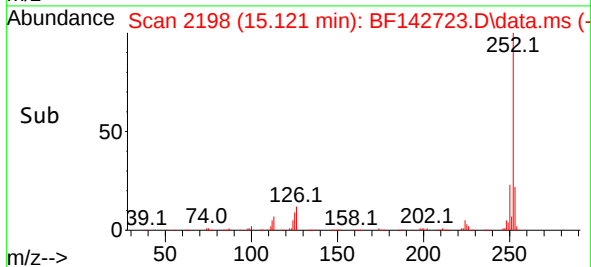
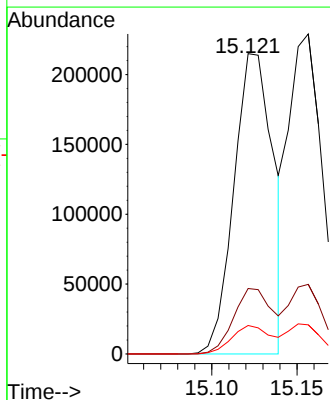
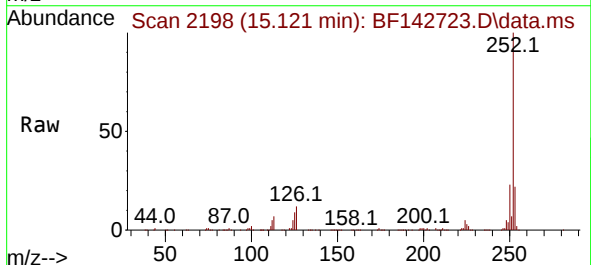


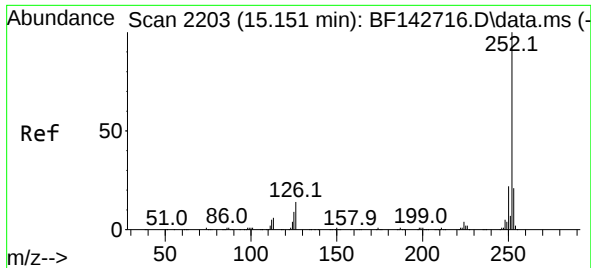
Tgt Ion:276 Resp: 434462  
 Ion Ratio Lower Upper  
 276 100  
 138 23.9 19.3 28.9  
 277 25.1 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 40.478 ng  
 RT: 15.121 min Scan# 2198  
 Delta R.T. -0.000 min  
 Lab File: BF142723.D  
 Acq: 11 Jun 2025 09:24

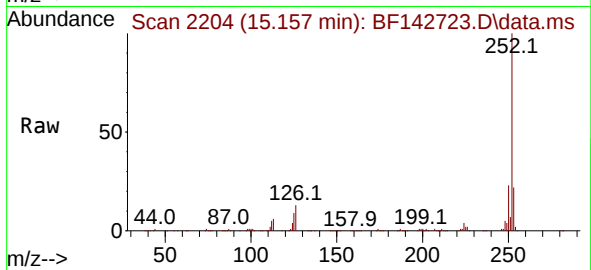
Tgt Ion:252 Resp: 344883  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.7 26.5  
 125 9.5 7.8 11.6



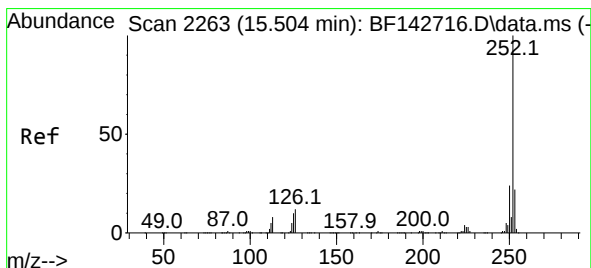
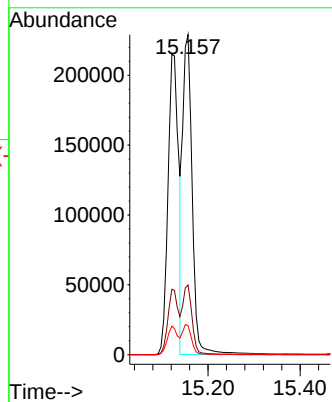
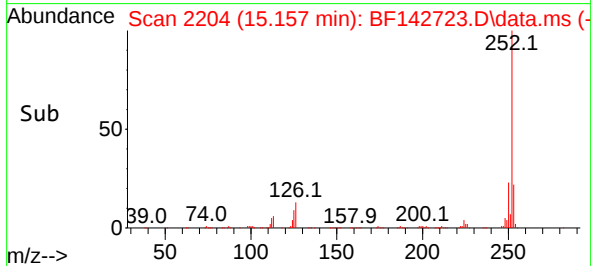


#89  
Benzo(k)fluoranthene  
Concen: 39.633 ng  
RT: 15.157 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

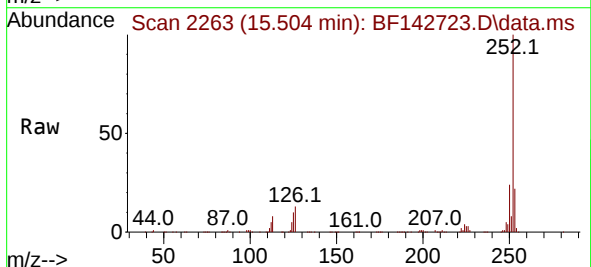
Instrument :  
BNA\_F  
ClientSampleId :



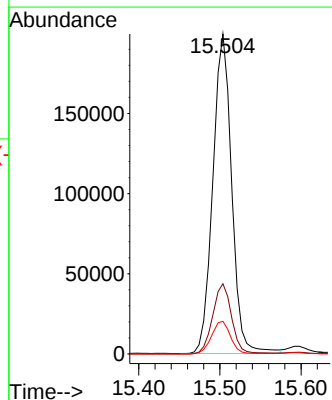
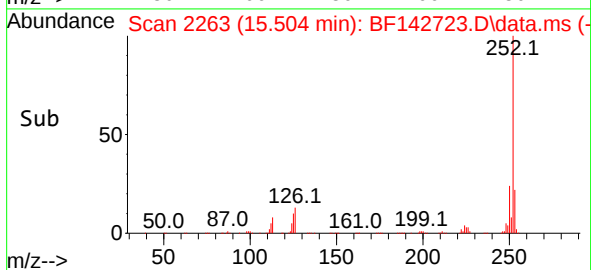
Tgt Ion:252 Resp: 327636  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.3 25.9  
125 9.1 7.5 11.3

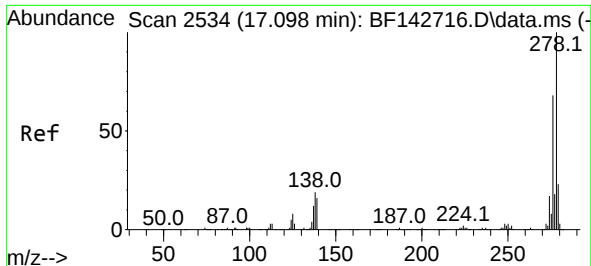


#90  
Benzo(a)pyrene  
Concen: 39.716 ng  
RT: 15.504 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24



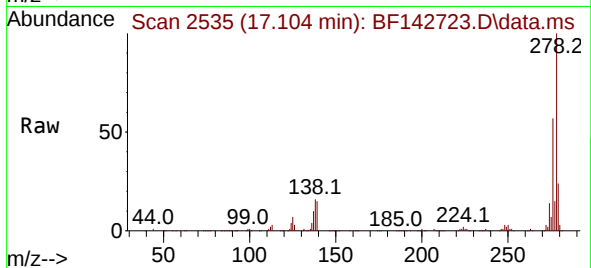
Tgt Ion:252 Resp: 321736  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 10.2 8.0 12.0



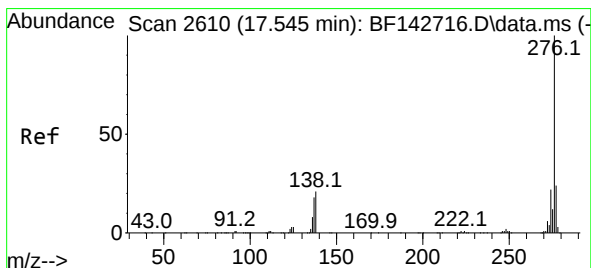
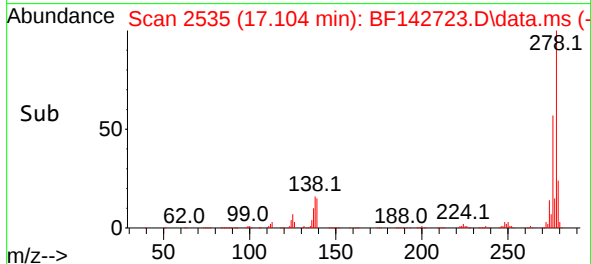
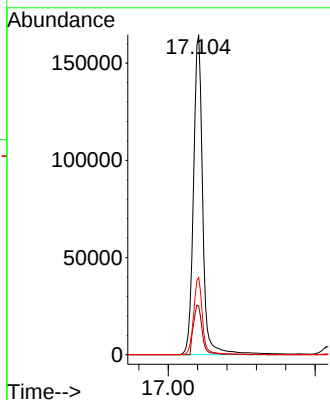


#91  
Dibenzo(a,h)anthracene  
Concen: 41.000 ng  
RT: 17.104 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 358984  
Ion Ratio Lower Upper  
278 100  
139 15.2 12.8 19.2  
279 24.1 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 39.753 ng  
RT: 17.545 min Scan# 2610  
Delta R.T. -0.000 min  
Lab File: BF142723.D  
Acq: 11 Jun 2025 09:24

Tgt Ion:276 Resp: 346114  
Ion Ratio Lower Upper  
276 100  
277 22.5 18.8 28.2  
138 21.0 16.4 24.6

