

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051925\  
 Data File : BF142443.D  
 Acq On : 19 May 2025 11:07  
 Operator : RC/JU  
 Sample : PB168017BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 19 11:58:00 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 152910   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.186  | 136  | 582180   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 309352   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 529488   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 280552   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 310677   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 1059909  | 118.328 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.528  | 99   | 1296365  | 117.670 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 793752   | 83.151  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 421365   | 141.079 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 1623844  | 74.847  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 1496317  | 78.941  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.787  | 88   | 129259   | 32.045  | ng    | 97       |
| 3) Pyridine                   | 3.540  | 79   | 353034   | 37.278  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 199674   | 36.277  | ng    | 95       |
| 6) Aniline                    | 6.563  | 93   | 481936   | 44.599  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 408481   | 42.675  | ng    | 97       |
| 9) Benzaldehyde               | 6.451  | 77   | 235221   | 36.480  | ng    | 99       |
| 10) Phenol                    | 6.545  | 94   | 496275   | 42.496  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.640  | 93   | 376108   | 32.659  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 432309   | 39.477  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 438518   | 39.883  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 424376   | 40.210  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.040  | 79   | 332978   | 46.676  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 613753   | 35.689  | ng    | 98       |
| 17) 2-Methylphenol            | 7.151  | 107  | 319498   | 41.228  | ng    | 99       |
| 18) Hexachloroethane          | 7.416  | 117  | 152014   | 41.553  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 266063   | 39.043  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 391239   | 40.452  | ng    | # 90     |
| 22) Acetophenone              | 7.310  | 105  | 517048   | 39.943  | ng    | 96       |
| 24) Nitrobenzene              | 7.487  | 77   | 397371   | 44.161  | ng    | 96       |
| 25) Isophorone                | 7.722  | 82   | 727698   | 40.256  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.798  | 139  | 218629   | 50.203  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 382880   | 42.128  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 453111   | 38.982  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 341291   | 44.170  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 362891   | 41.732  | ng    | 99       |
| 31) Naphthalene               | 8.210  | 128  | 1156707  | 40.995  | ng    | 99       |
| 32) Benzoic acid              | 7.951  | 122  | 255683   | 51.363  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 158390   | 13.757  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 221193   | 42.957  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 61345    | 27.241  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 8.734  | 107  | 344601   | 42.903  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 713490   | 40.695  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 743095   | 40.664  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 361173   | 41.803  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 497074   | 93.091  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 251107   | 46.077  | ng    | 99       |

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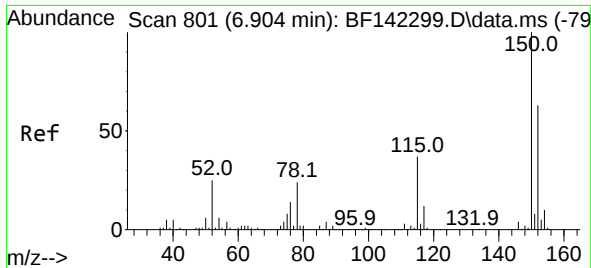
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 19 11:58:00 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 260483   | 44.922  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 974791   | 41.097  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 719820   | 40.807  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.481  | 65   | 218634   | 48.356  | ng    | 93       |
| 49) Acenaphthylene            | 9.804  | 152  | 1210762  | 41.031  | ng    | 100      |
| 50) Dimethylphthalate         | 9.663  | 163  | 831437   | 41.856  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 186265   | 50.095  | ng    | 90       |
| 52) Acenaphthene              | 9.975  | 154  | 820225   | 46.228  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.892  | 138  | 129619   | 29.724  | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 220391   | 110.107 | ng    | # 1      |
| 55) Dibenzofuran              | 10.145 | 168  | 1061748  | 40.547  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 320793   | 97.742  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.128 | 165  | 251924   | 52.820  | ng    | 94       |
| 58) Fluorene                  | 10.492 | 166  | 806873   | 40.377  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 223624   | 46.717  | ng    | 98       |
| 60) Diethylphthalate          | 10.363 | 149  | 805984   | 40.629  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 393737   | 40.839  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 190965   | 55.252  | ng    | 99       |
| 63) Azobenzene                | 10.639 | 77   | 731672   | 38.597  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 136625   | 54.253  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 714867   | 40.573  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 249947   | 41.652  | ng    | 100      |
| 68) Hexachlorobenzene         | 11.039 | 284  | 282994   | 42.873  | ng    | 95       |
| 69) Atrazine                  | 11.127 | 200  | 213084   | 45.879  | ng    | 99       |
| 70) Pentachlorophenol         | 11.233 | 266  | 342643   | 98.673  | ng    | 98       |
| 71) Phenanthrene              | 11.451 | 178  | 1145863  | 41.286  | ng    | 99       |
| 72) Anthracene                | 11.504 | 178  | 1165588  | 40.872  | ng    | 99       |
| 73) Carbazole                 | 11.657 | 167  | 1048242  | 40.971  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 1133741  | 42.141  | ng    | 99       |
| 75) Fluoranthene              | 12.639 | 202  | 1122434  | 40.457  | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 387170   | 75.939  | ng    | 98       |
| 78) Pyrene                    | 12.869 | 202  | 1100072  | 44.052  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 313200   | 43.360  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 773645   | 42.581  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 160108   | 37.894  | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 705990   | 41.740  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 423356   | 44.908  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 798349   | 46.876  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 948414   | 43.884  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 763845   | 40.595  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 705375   | 40.964  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 730625   | 43.331  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.086 | 278  | 766863   | 42.951  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.527 | 276  | 759540   | 42.862  | ng    | 96       |

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

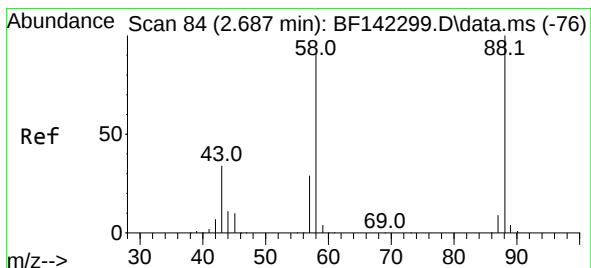
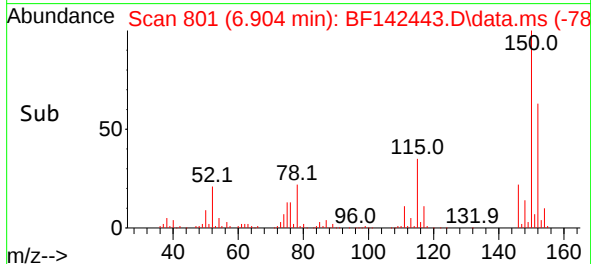
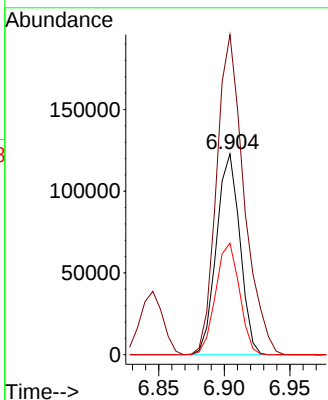
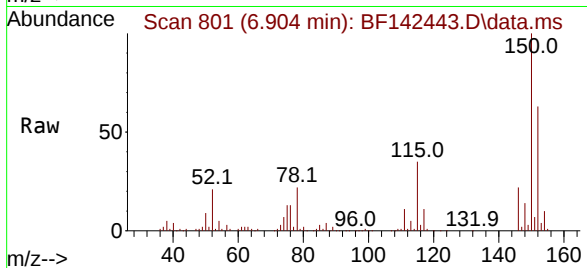




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

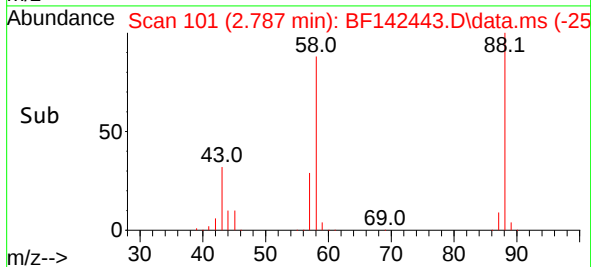
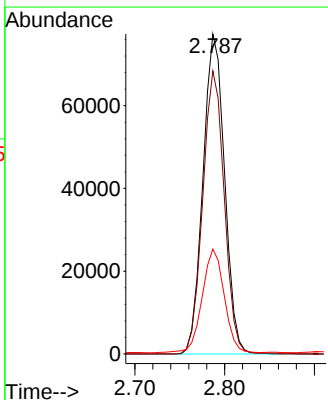
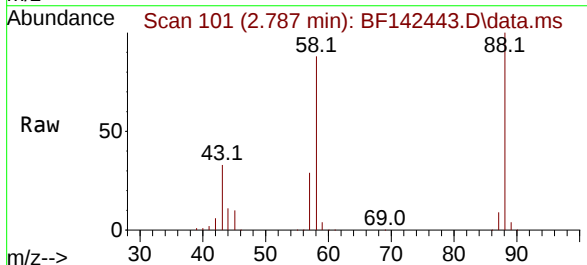
Instrument :  
 BNA\_F  
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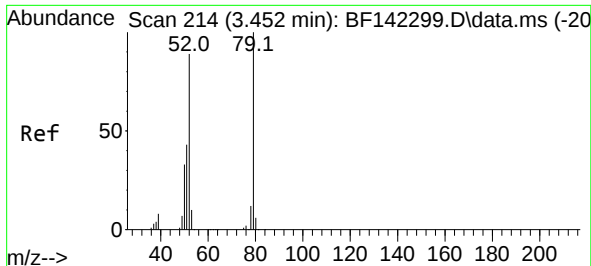
Tgt Ion:152 Resp: 152910  
 Ion Ratio Lower Upper  
 152 100  
 150 159.3 126.6 190.0  
 115 55.5 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 32.045 ng  
 RT: 2.787 min Scan# 101  
 Delta R.T. 0.100 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

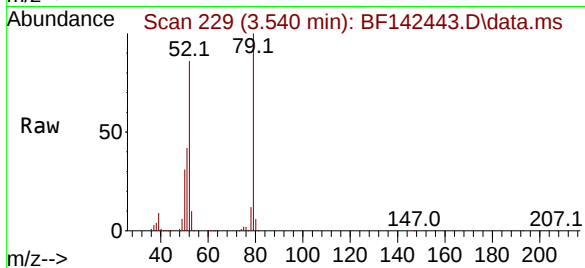
Tgt Ion: 88 Resp: 129259  
 Ion Ratio Lower Upper  
 88 100  
 58 87.7 73.0 109.4  
 43 33.1 27.8 41.6



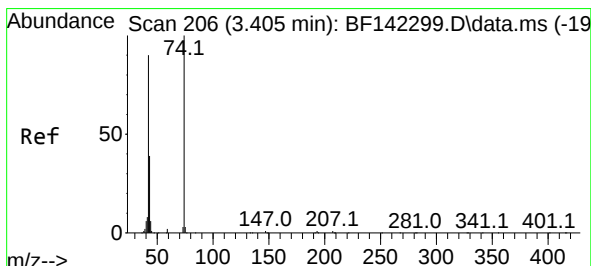
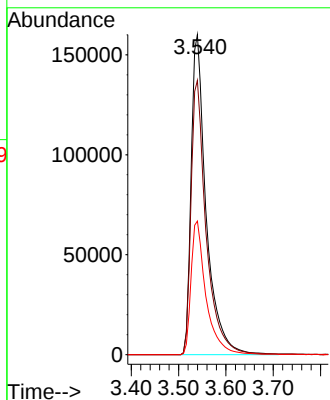
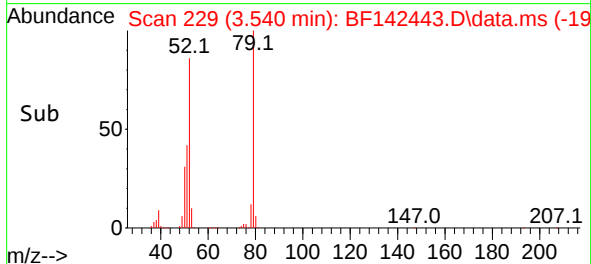


#3  
Pyridine  
Concen: 37.278 ng  
RT: 3.540 min Scan# 214  
Delta R.T. 0.088 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

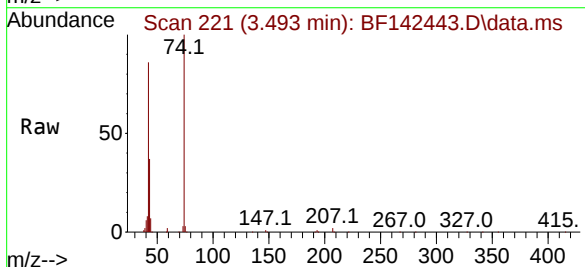
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BNA\_F  
ClientSampleId :



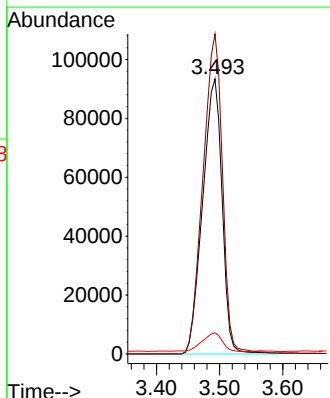
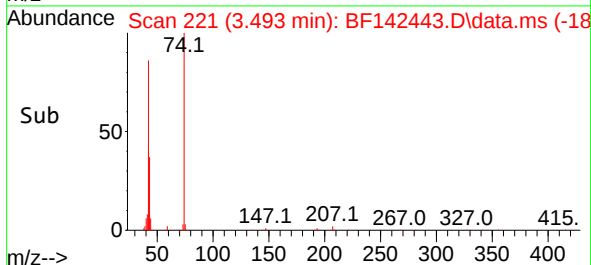
Tgt Ion: 79 Resp: 353034  
Ion Ratio Lower Upper  
79 100  
52 85.7 71.0 106.4  
51 41.7 34.9 52.3



#4  
n-Nitrosodimethylamine  
Concen: 36.277 ng  
RT: 3.493 min Scan# 221  
Delta R.T. 0.088 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



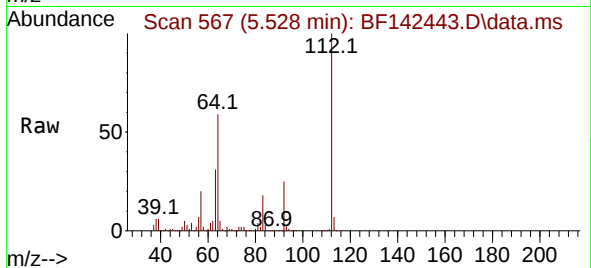
Tgt Ion: 42 Resp: 199674  
Ion Ratio Lower Upper  
42 100  
74 116.3 88.5 132.7  
44 7.7 5.8 8.8



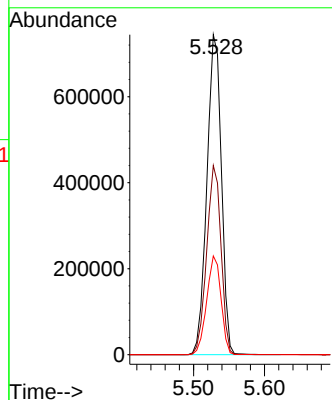
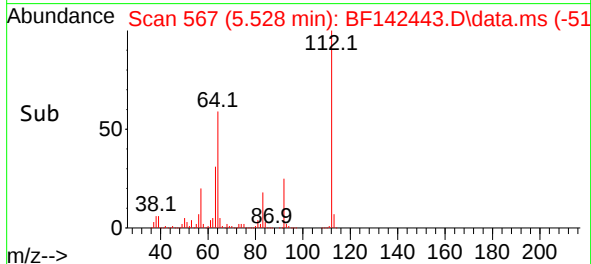


#5  
2-Fluorophenol  
Concen: 118.328 ng  
RT: 5.528 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

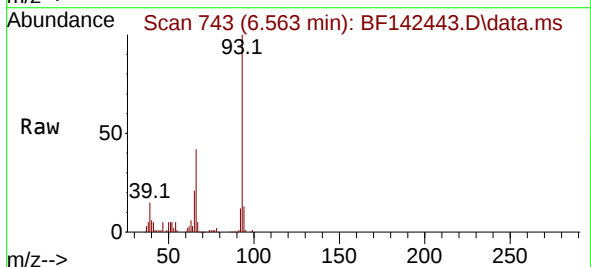
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BNA\_F  
ClientSampleId :



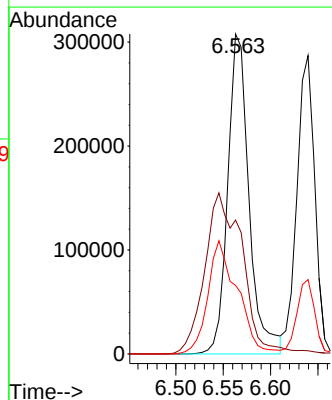
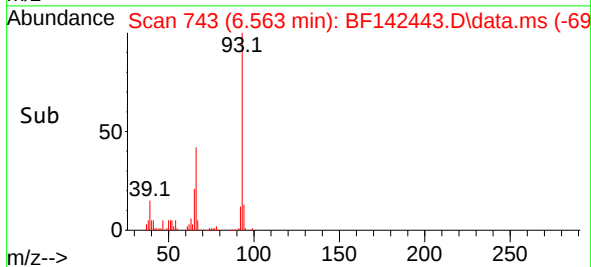
Tgt Ion:112 Resp: 1059909  
Ion Ratio Lower Upper  
112 100  
64 59.1 48.9 73.3  
63 30.9 25.6 38.4

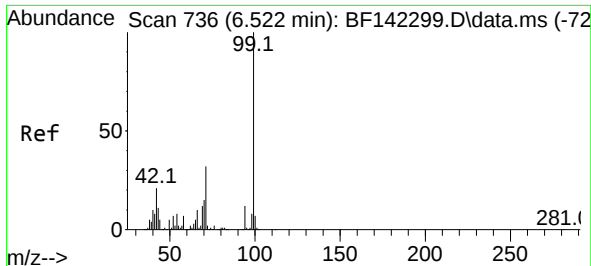


#6  
Aniline  
Concen: 44.599 ng  
RT: 6.563 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



Tgt Ion: 93 Resp: 481936  
Ion Ratio Lower Upper  
93 100  
66 41.9 32.2 48.4  
65 21.4 16.3 24.5





#7

Phenol-d6

Concen: 117.670 ng

RT: 6.528 min Scan# 736

Delta R.T. 0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

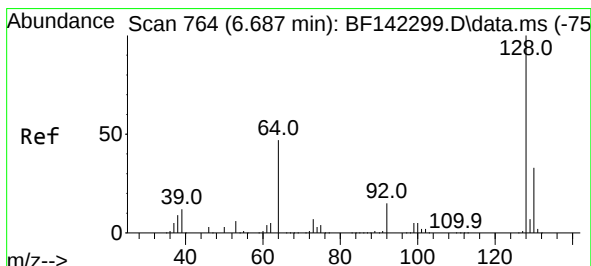
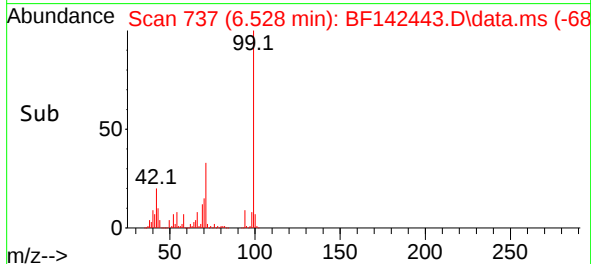
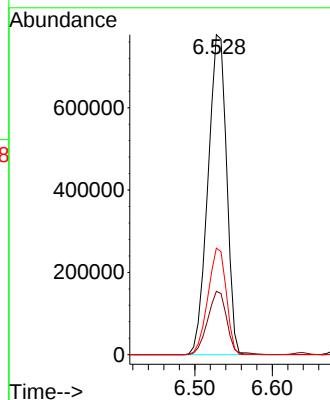
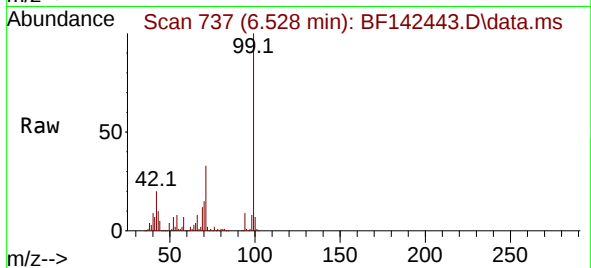
Tgt Ion: 99 Resp: 1296365

Ion Ratio Lower Upper

99 100

42 19.8 17.0 25.4

71 33.3 25.8 38.8



#8

2-Chlorophenol

Concen: 42.675 ng

RT: 6.687 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

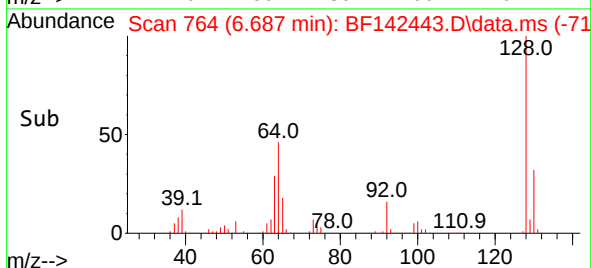
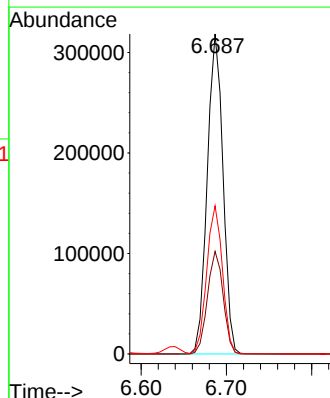
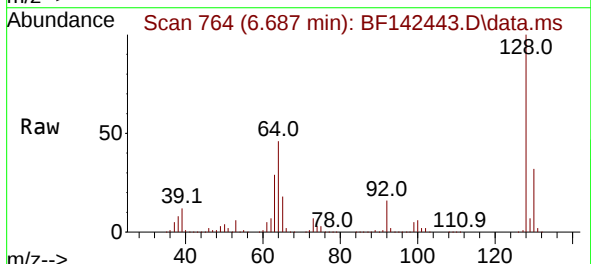
Tgt Ion:128 Resp: 408481

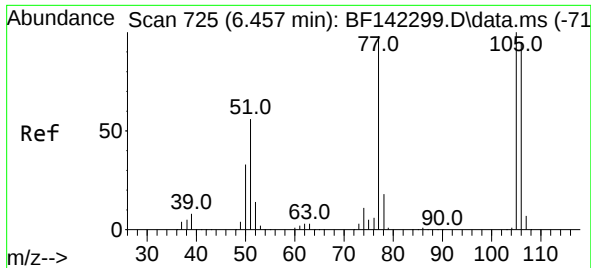
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

64 46.3 29.2 69.2





#9

Benzaldehyde

Concen: 36.480 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

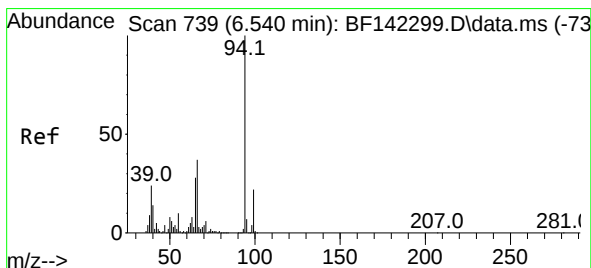
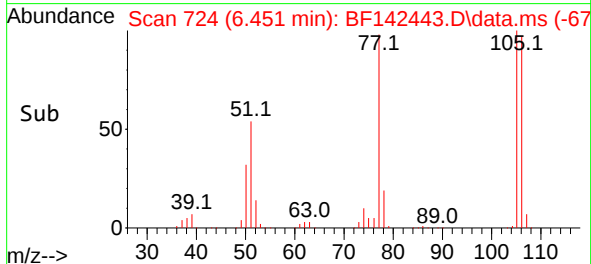
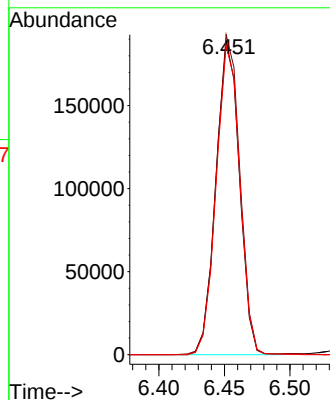
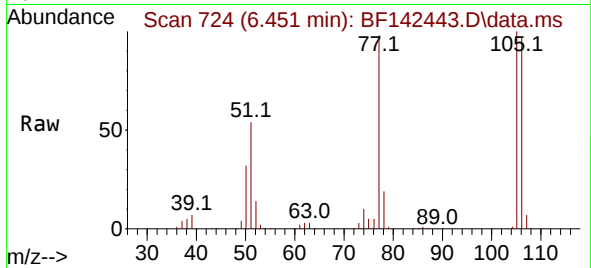
Tgt Ion: 77 Resp: 235221

Ion Ratio Lower Upper

77 100

105 101.9 82.0 122.0

106 98.4 77.2 117.2



#10

Phenol

Concen: 42.496 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

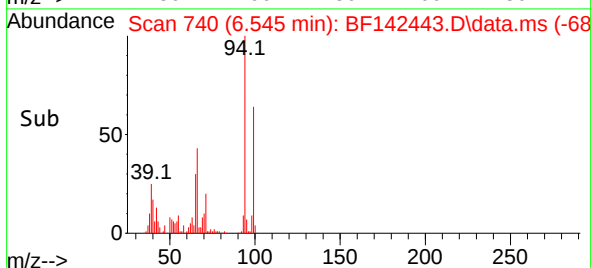
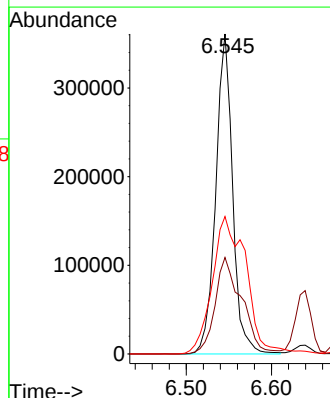
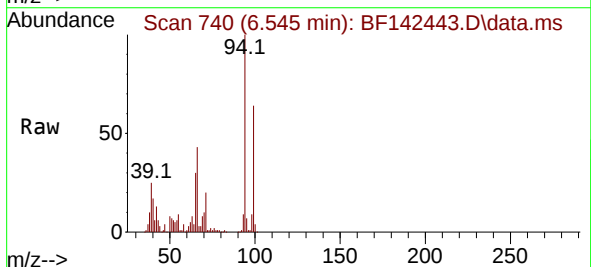
Tgt Ion: 94 Resp: 496275

Ion Ratio Lower Upper

94 100

65 30.2 8.5 48.5

66 43.0 17.3 57.3

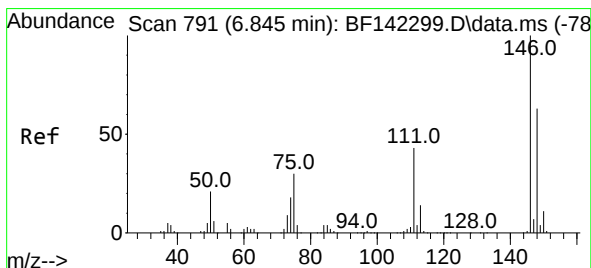
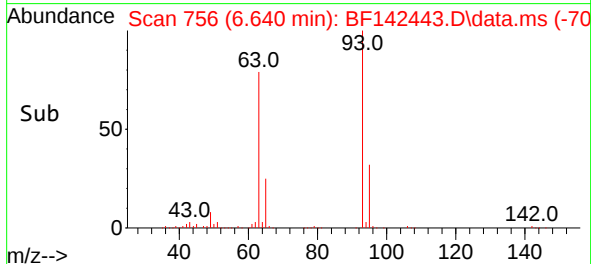
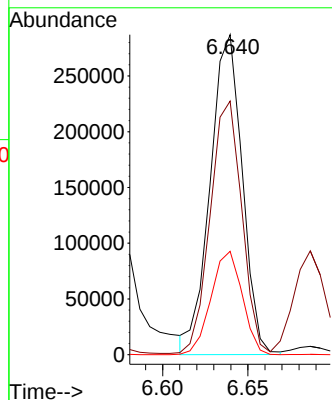
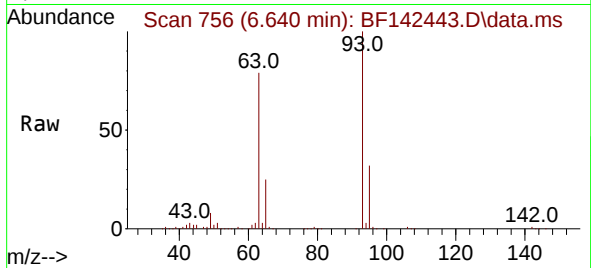




#11  
bis(2-Chloroethyl)ether  
Concen: 32.659 ng  
RT: 6.640 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

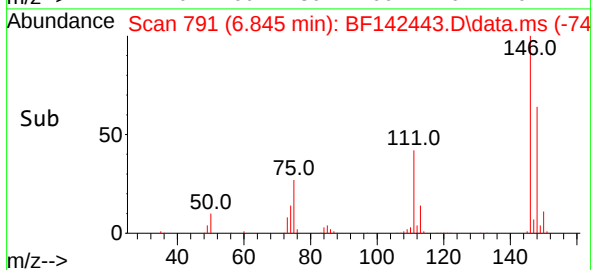
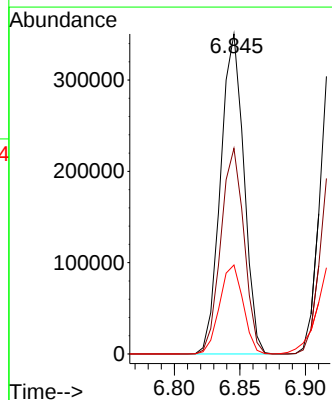
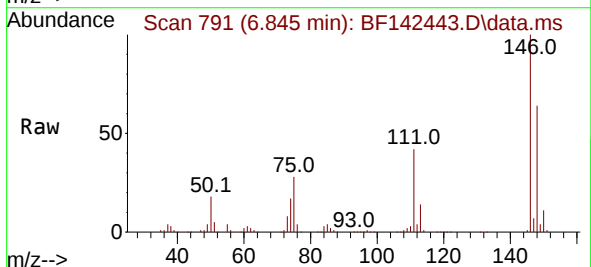
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 93 Resp: 376108  
Ion Ratio Lower Upper  
93 100  
63 79.3 58.4 98.4  
95 32.3 10.6 50.6



#12  
1,3-Dichlorobenzene  
Concen: 39.477 ng  
RT: 6.845 min Scan# 791  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:146 Resp: 432309  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.6 76.0  
75 27.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.883 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

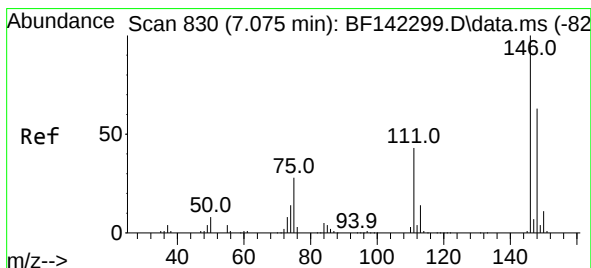
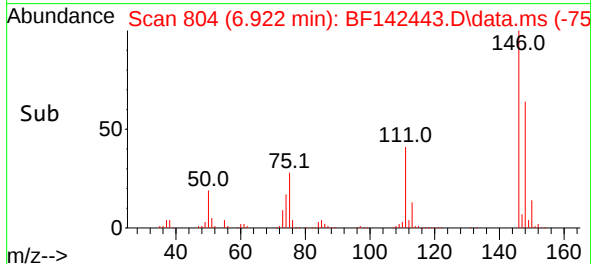
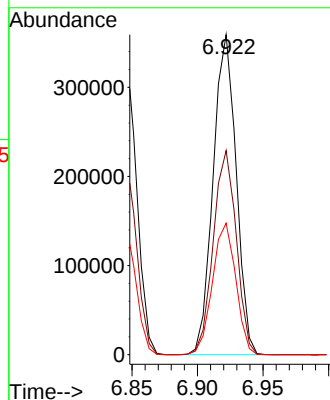
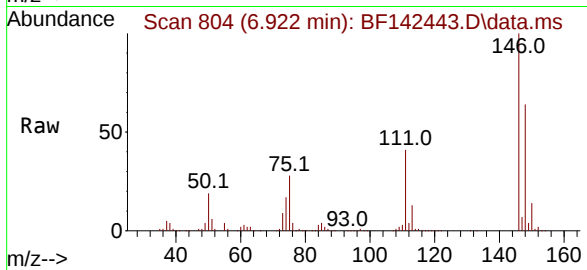
Tgt Ion:146 Resp: 438518

Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

111 41.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 40.210 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

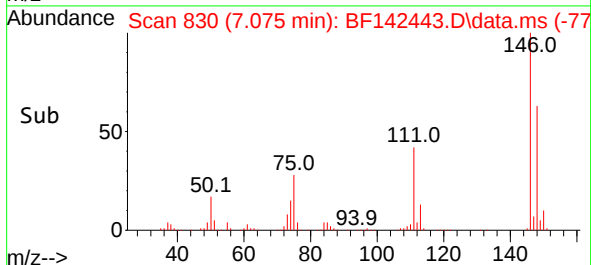
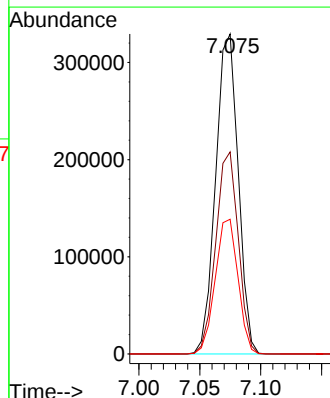
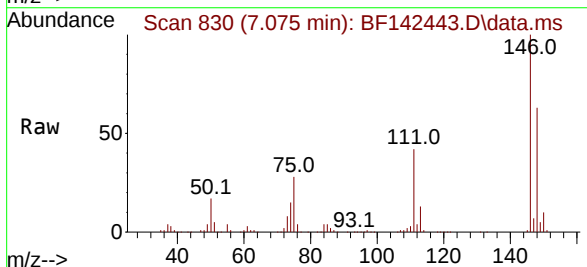
Tgt Ion:146 Resp: 424376

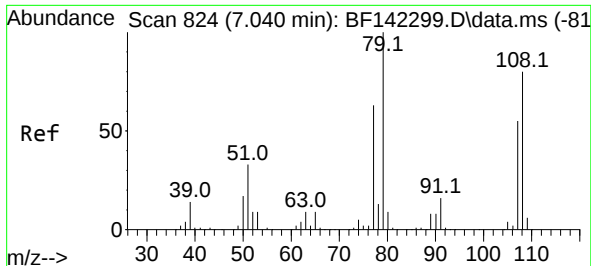
Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

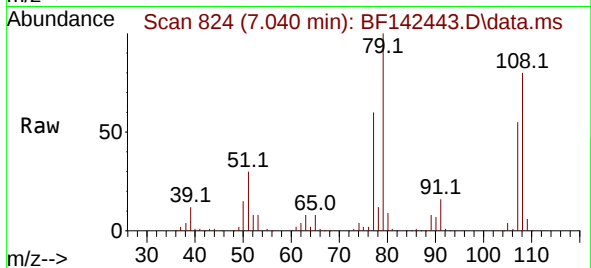
111 42.1 34.5 51.7



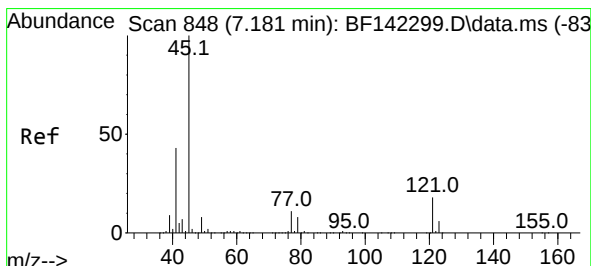
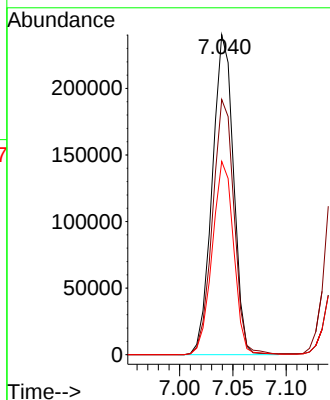
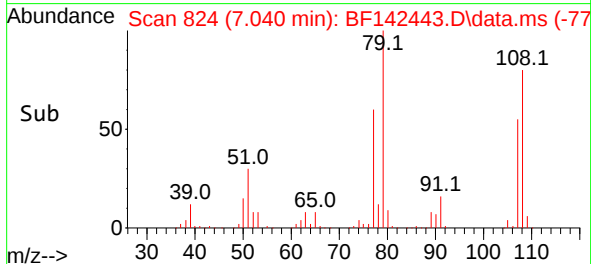


#15  
Benzyl Alcohol  
Concen: 46.676 ng  
RT: 7.040 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

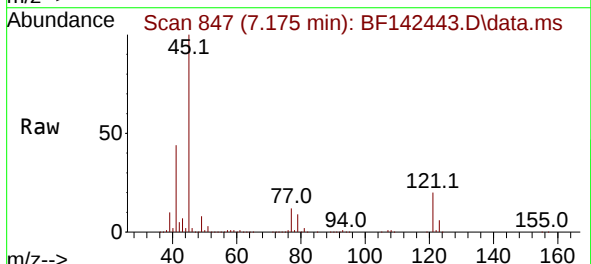
Instrument :  
BNA\_F  
ClientSampleId :



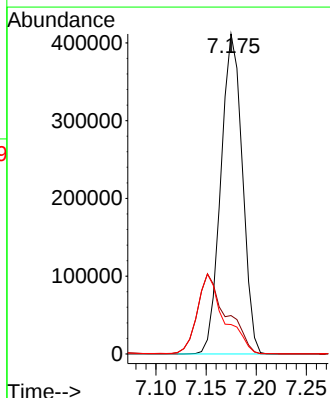
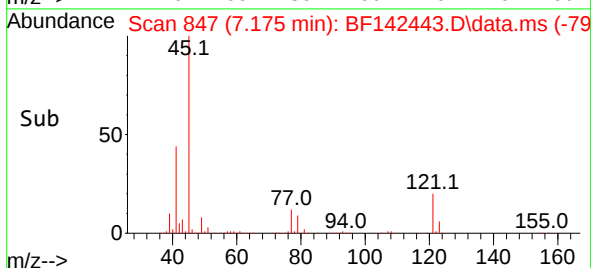
Tgt Ion: 79 Resp: 332978  
Ion Ratio Lower Upper  
79 100  
108 79.8 63.9 95.9  
77 60.4 50.7 76.1

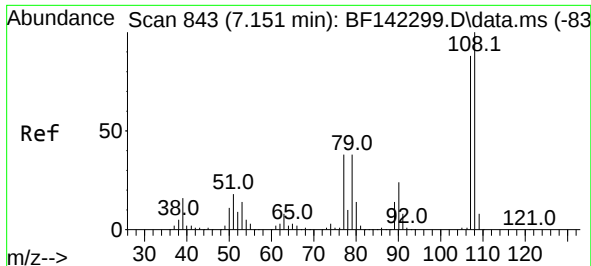


#16  
2,2'-oxybis(1-chloropropane)  
Concen: 35.689 ng  
RT: 7.175 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



Tgt Ion: 45 Resp: 613753  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 31.2  
79 9.2 0.0 28.5

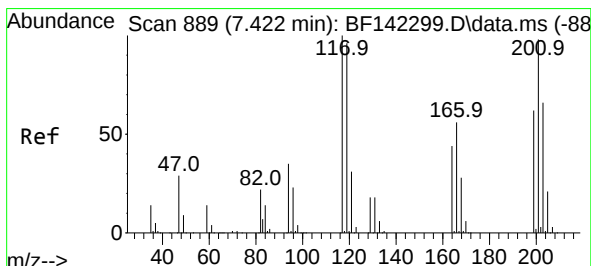
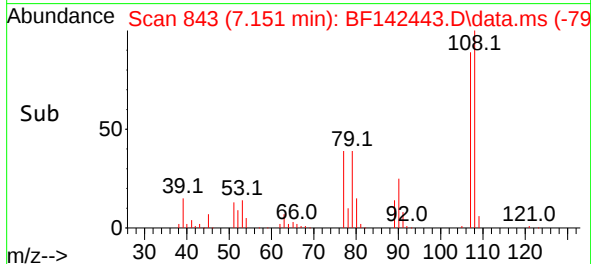
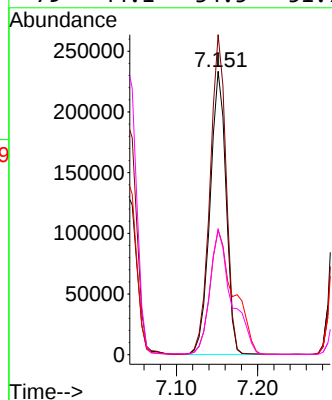
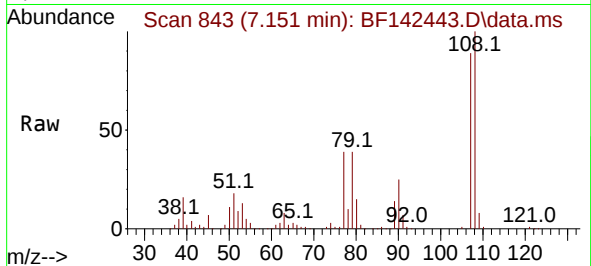




#17  
2-Methylphenol  
Concen: 41.228 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

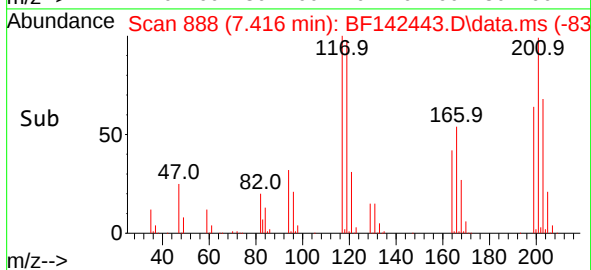
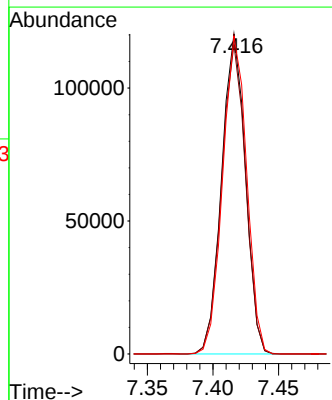
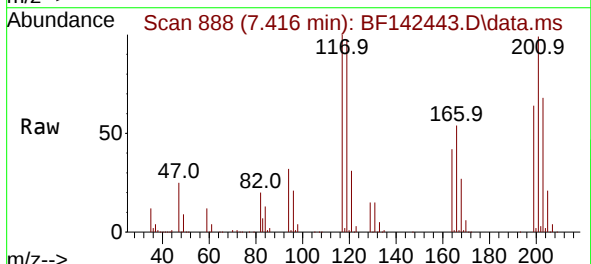
Instrument :  
BNA\_F  
ClientSampleId :

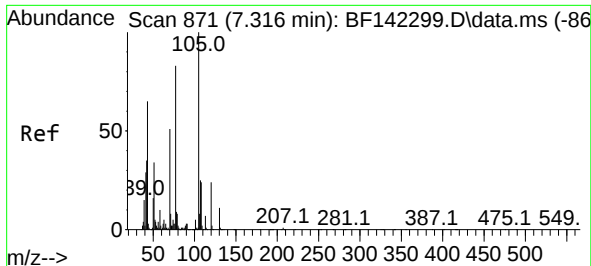
Tgt Ion:107 Resp: 319498  
Ion Ratio Lower Upper  
107 100  
108 112.9 91.1 136.7  
77 44.1 34.7 52.1  
79 44.1 34.5 51.7



#18  
Hexachloroethane  
Concen: 41.553 ng  
RT: 7.416 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

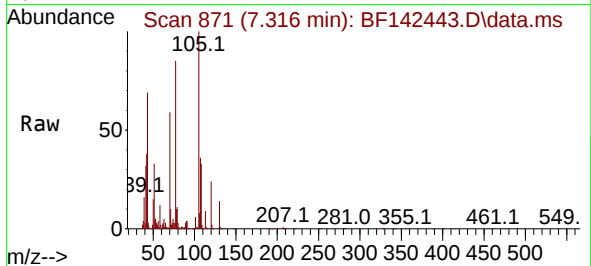
Tgt Ion:117 Resp: 152014  
Ion Ratio Lower Upper  
117 100  
119 96.8 76.9 115.3  
201 99.3 78.0 117.0



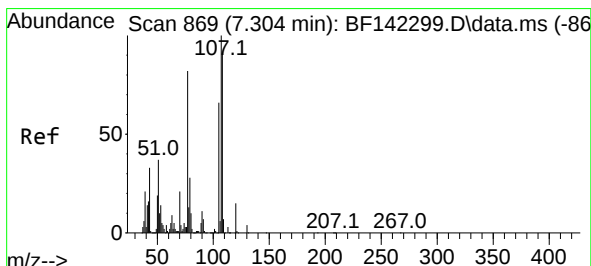
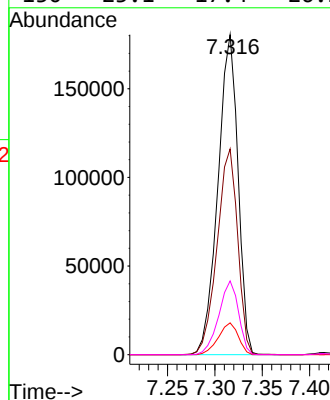
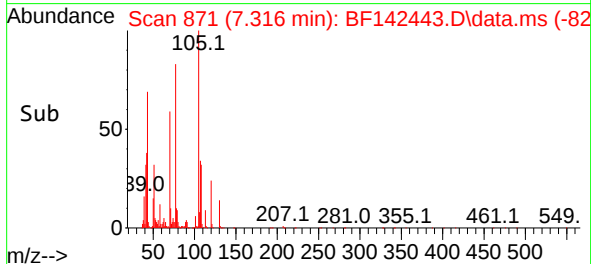


#19  
n-Nitroso-di-n-propylamine  
Concen: 39.043 ng  
RT: 7.316 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

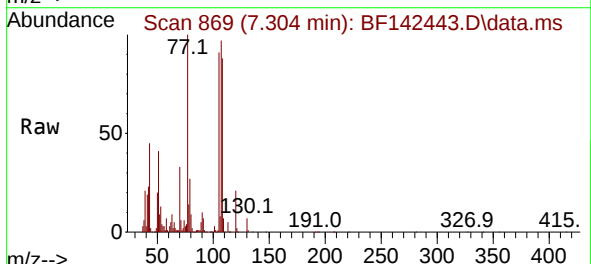
Instrument :  
BNA\_F  
ClientSampleId :



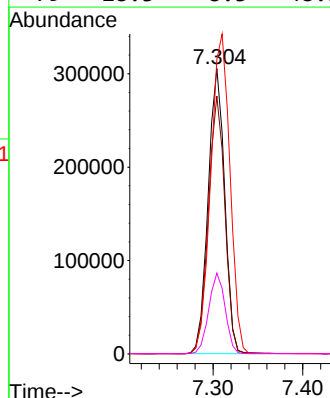
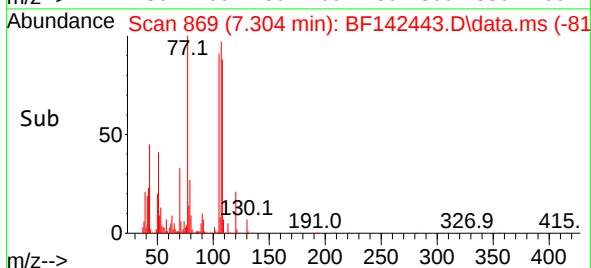
Tgt Ion: 70 Resp: 266063  
Ion Ratio Lower Upper  
70 100  
42 64.3 54.8 82.2  
101 10.0 7.7 11.5  
130 23.1 17.4 26.2

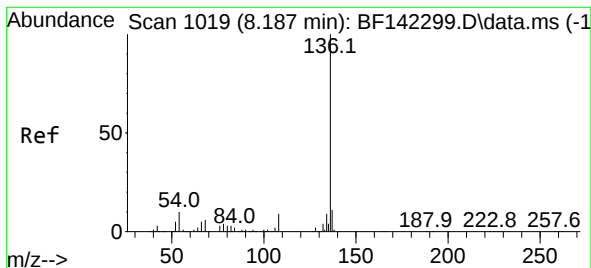


#20  
3+4-Methylphenols  
Concen: 40.452 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



Tgt Ion: 107 Resp: 391239  
Ion Ratio Lower Upper  
107 100  
108 90.3 71.5 111.5  
77 103.1 61.6 101.6#  
79 28.3 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:136 Resp: 582180

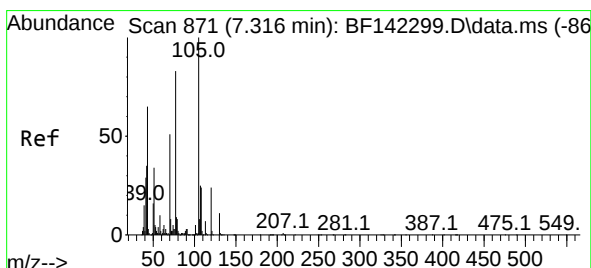
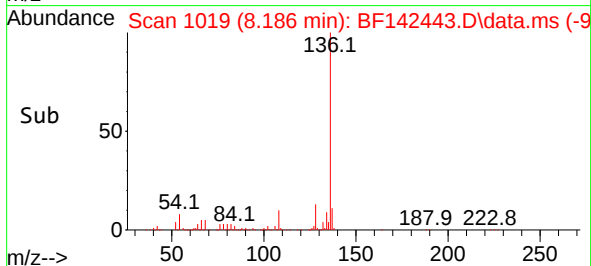
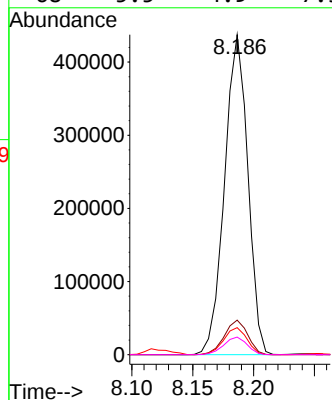
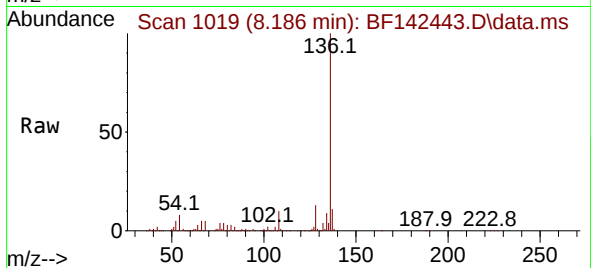
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.5 7.7 11.5

68 5.5 4.9 7.3



#22

Acetophenone

Concen: 39.943 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Tgt Ion:105 Resp: 517048

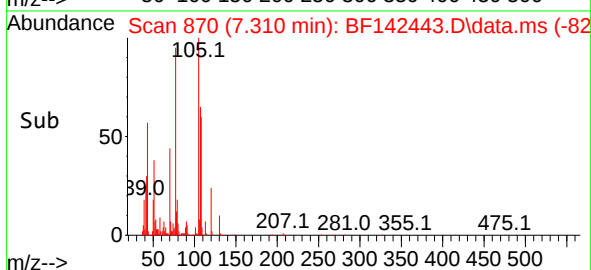
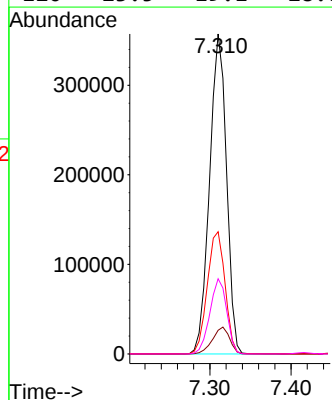
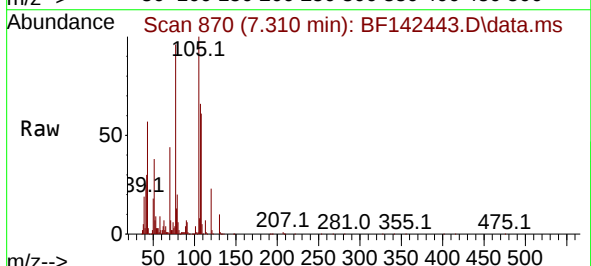
Ion Ratio Lower Upper

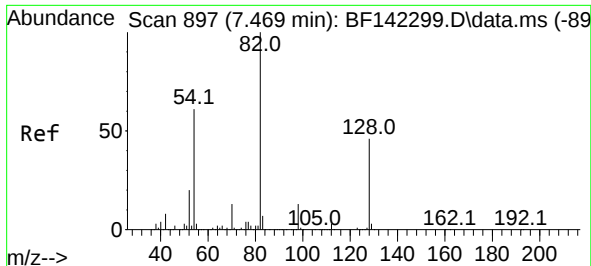
105 100

71 7.4 6.7 10.1

51 38.2 27.6 41.4

120 23.5 19.1 28.7





#23

Nitrobenzene-d5

Concen: 83.151 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

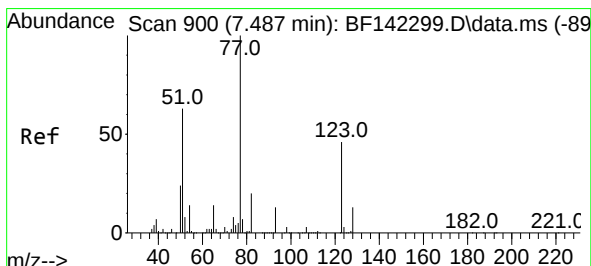
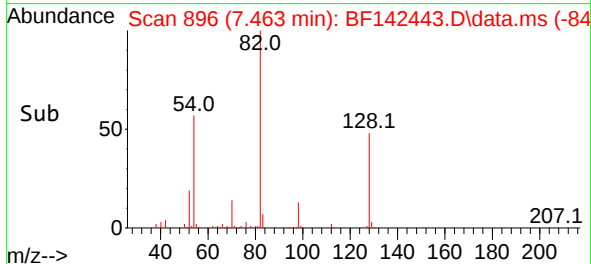
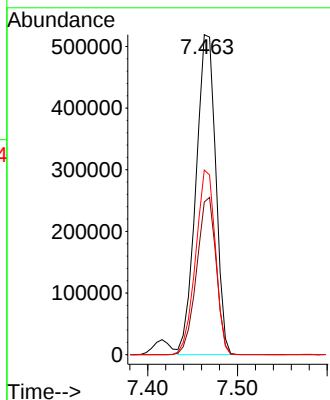
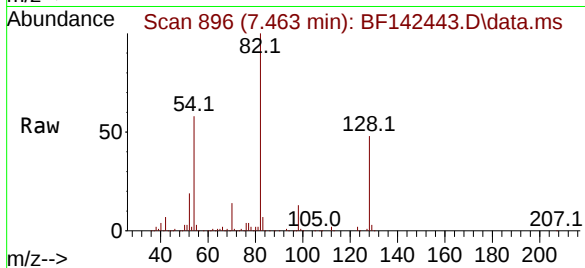
Tgt Ion: 82 Resp: 793752

Ion Ratio Lower Upper

82 100

128 47.7 37.0 55.6

54 57.7 48.6 73.0



#24

Nitrobenzene

Concen: 44.161 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

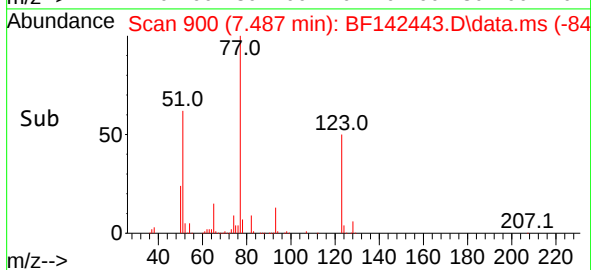
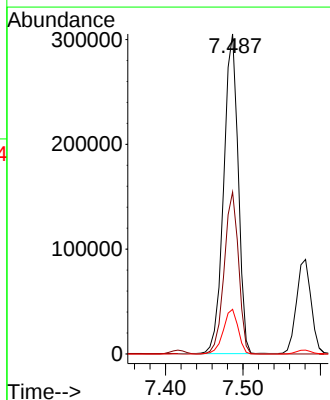
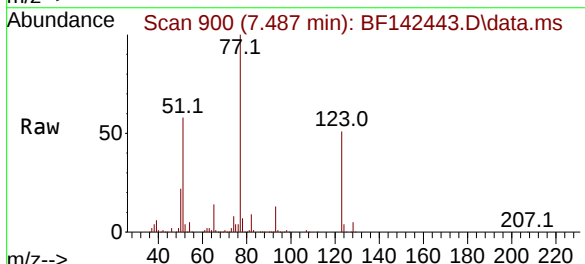
Tgt Ion: 77 Resp: 397371

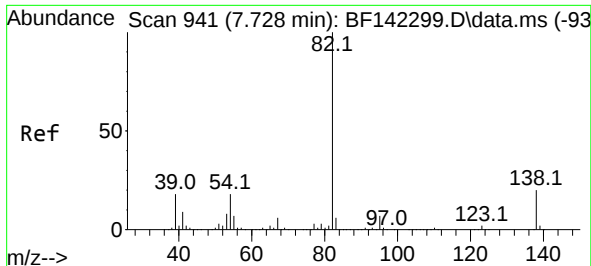
Ion Ratio Lower Upper

77 100

123 50.6 37.8 56.8

65 13.9 11.4 17.0

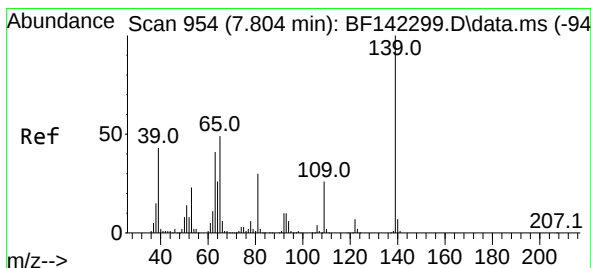
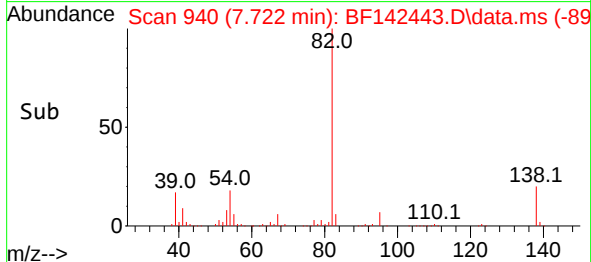
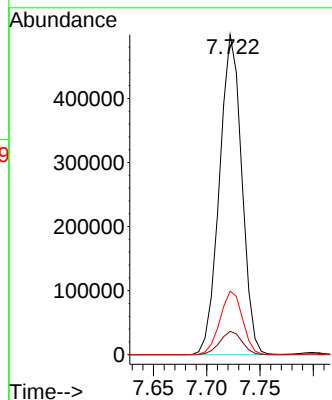
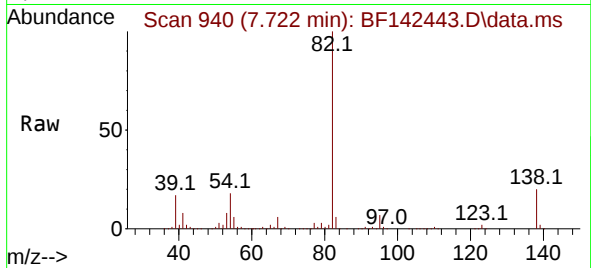




#25  
Isophorone  
Concen: 40.256 ng  
RT: 7.722 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

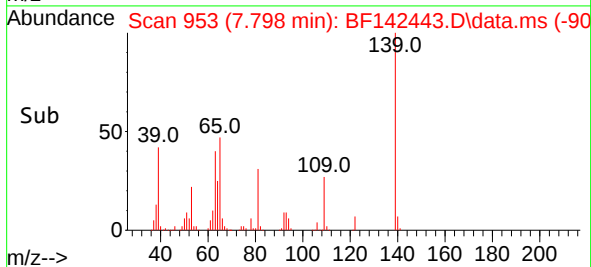
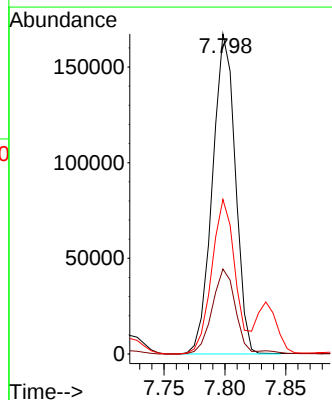
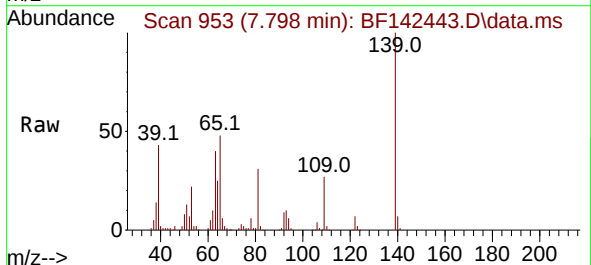
Instrument :  
BNA\_F  
ClientSampleId :

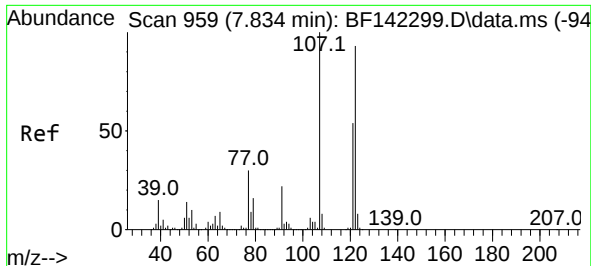
Tgt Ion: 82 Resp: 727698  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 19.9 16.1 24.1



#26  
2-Nitrophenol  
Concen: 50.203 ng  
RT: 7.798 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:139 Resp: 218629  
Ion Ratio Lower Upper  
139 100  
109 26.5 20.8 31.2  
65 48.3 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 42.128 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

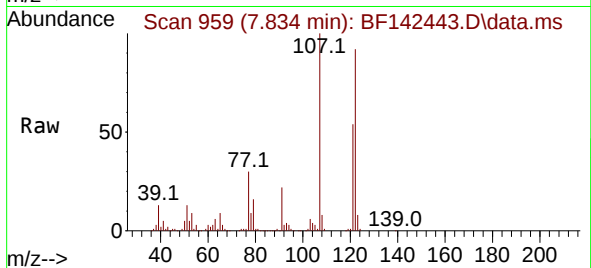
Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :



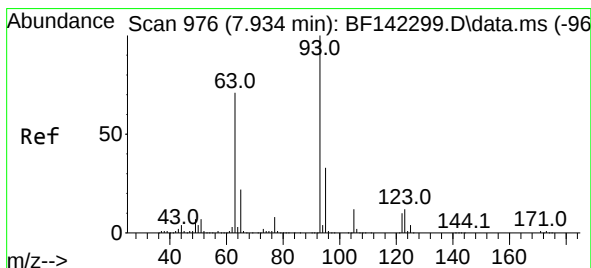
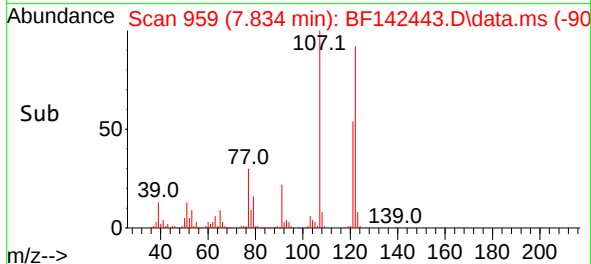
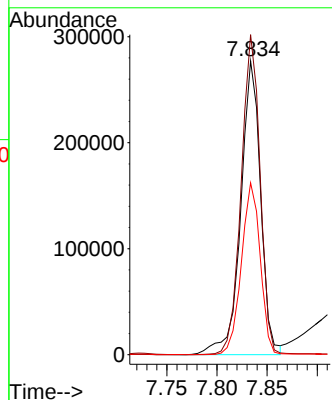
Tgt Ion:122 Resp: 382880

Ion Ratio Lower Upper

122 100

107 108.9 86.0 129.0

121 58.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.982 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

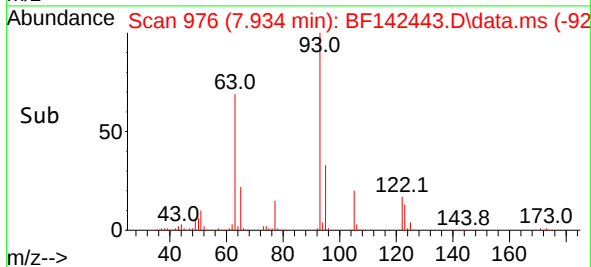
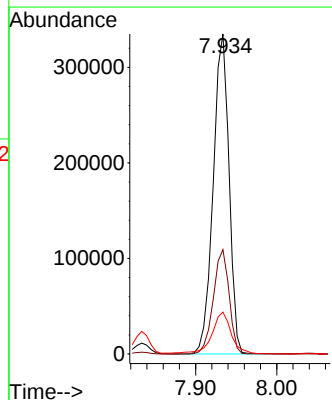
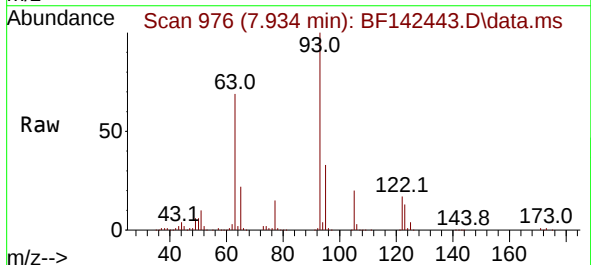
Tgt Ion: 93 Resp: 453111

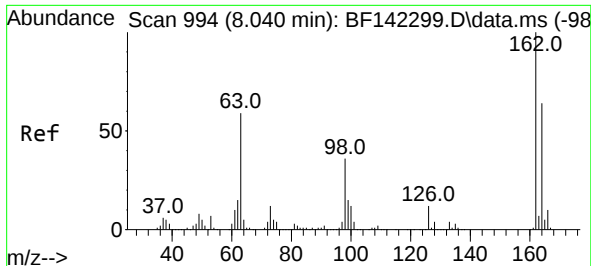
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.170 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

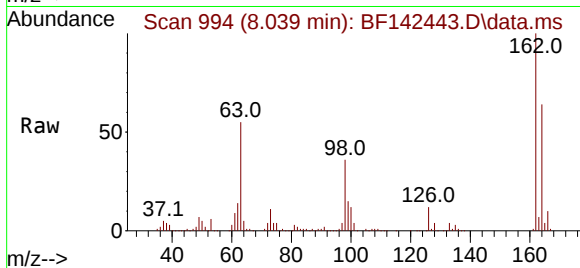
Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :



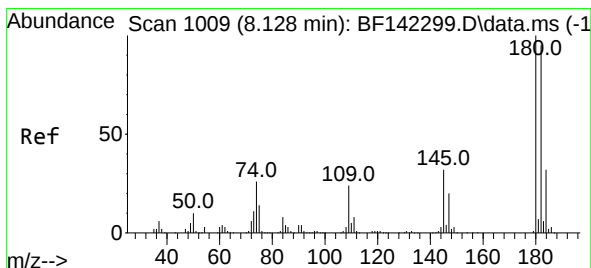
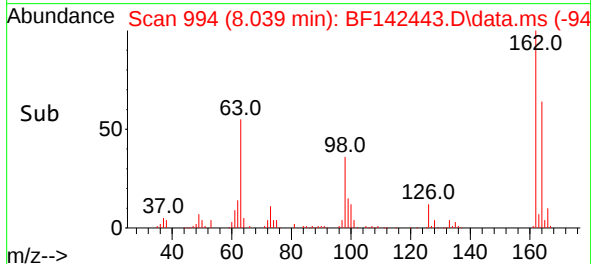
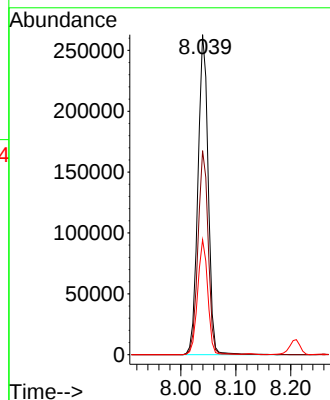
Tgt Ion:162 Resp: 341291

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

98 35.9 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 41.732 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

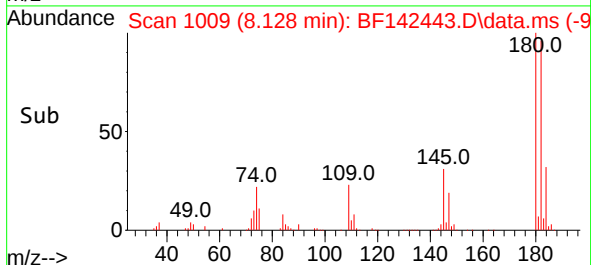
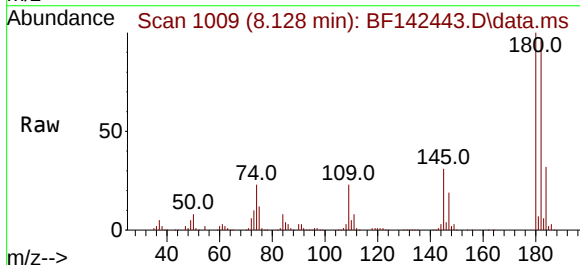
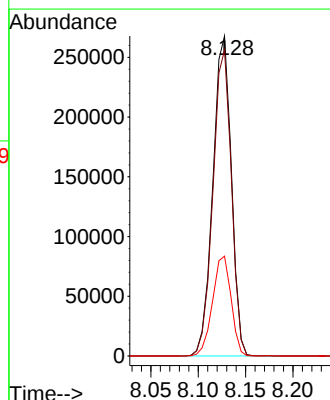
Tgt Ion:180 Resp: 362891

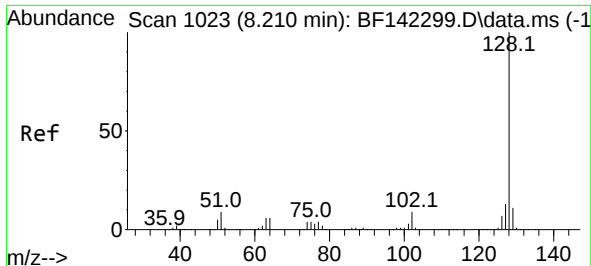
Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

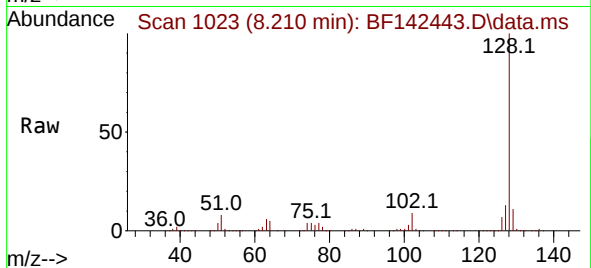
145 31.2 25.8 38.6



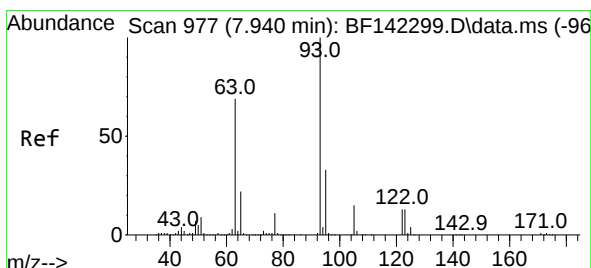
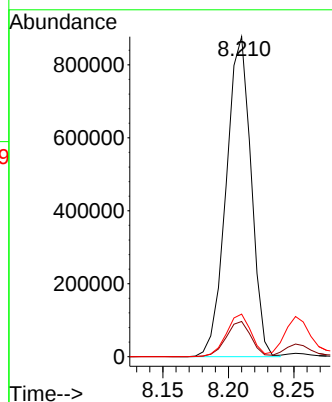
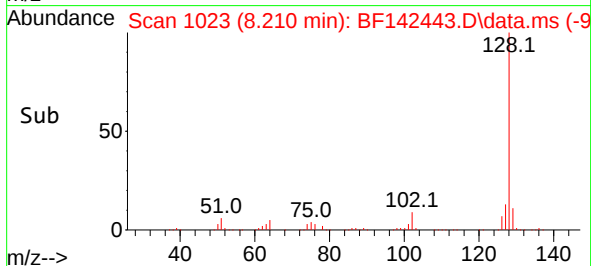


#31  
Naphthalene  
Concen: 40.995 ng  
RT: 8.210 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Instrument :  
BNA\_F  
ClientSampleId :

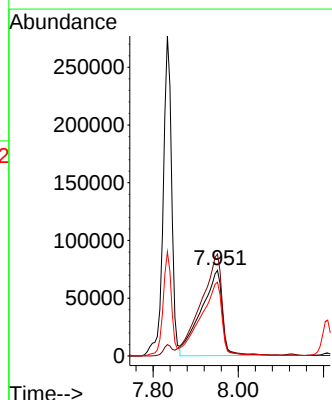
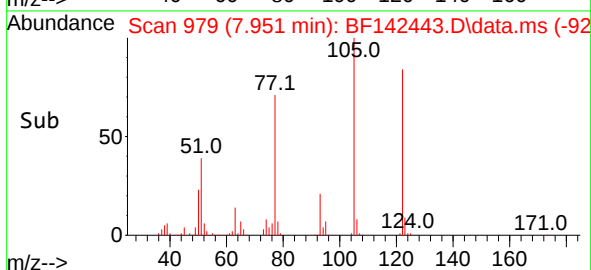
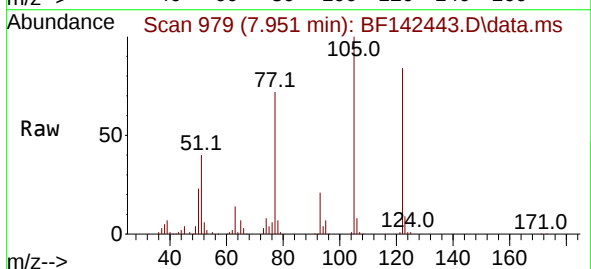


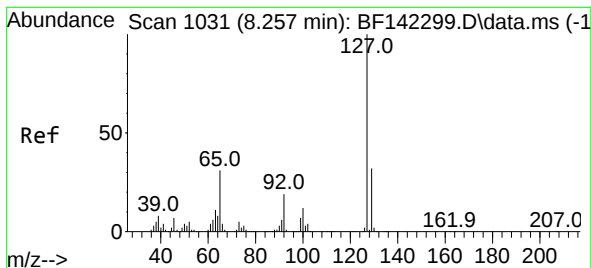
Tgt Ion:128 Resp: 1156707  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.1 13.7  
127 13.3 10.5 15.7



#32  
Benzoic acid  
Concen: 51.363 ng  
RT: 7.951 min Scan# 979  
Delta R.T. 0.011 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:122 Resp: 255683  
Ion Ratio Lower Upper  
122 100  
105 119.1 97.9 137.9  
77 86.0 67.7 107.7





#33

4-Chloroaniline

Concen: 13.757 ng

RT: 8.251 min Scan# 1

Delta R.T. -0.016 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 158390

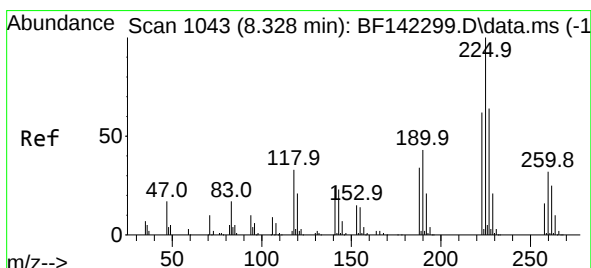
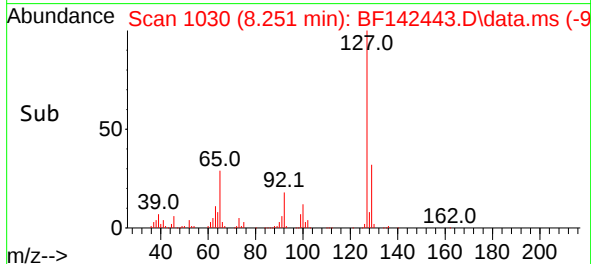
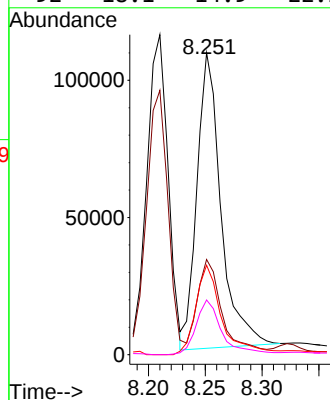
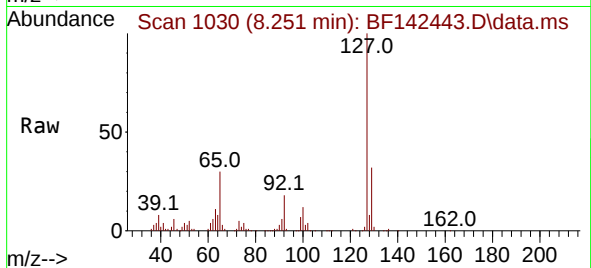
Ion Ratio Lower Upper

127 100

129 31.5 25.7 38.5

65 29.6 24.9 37.3

92 18.1 14.9 22.3



#34

Hexachlorobutadiene

Concen: 42.957 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

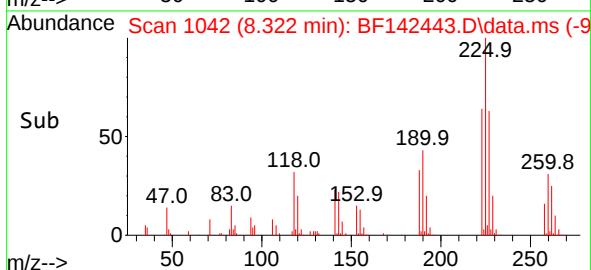
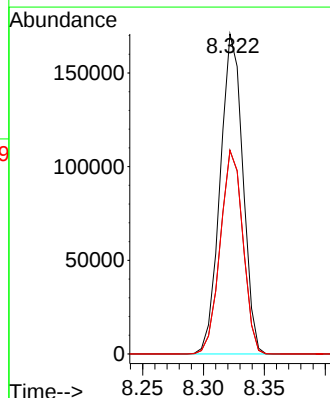
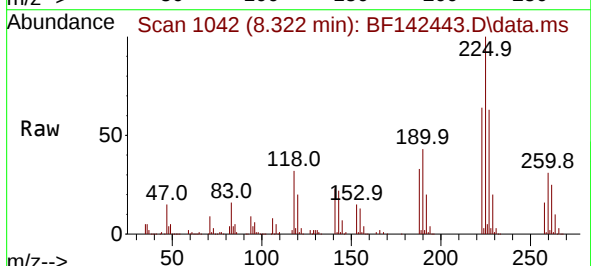
Tgt Ion:225 Resp: 221193

Ion Ratio Lower Upper

225 100

223 63.6 49.8 74.6

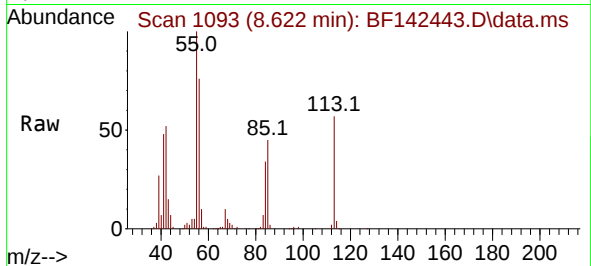
227 63.5 50.9 76.3



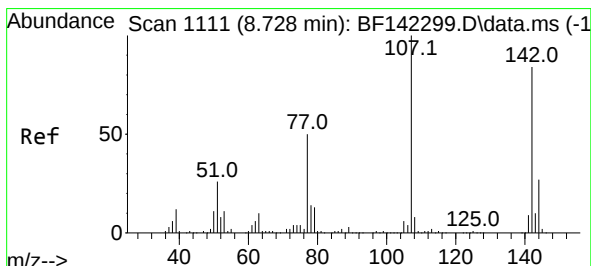
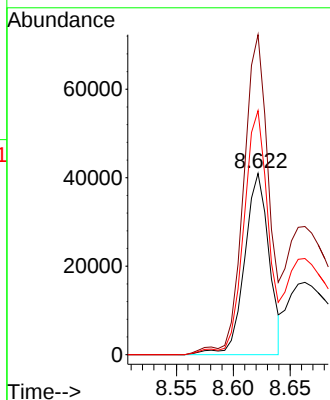
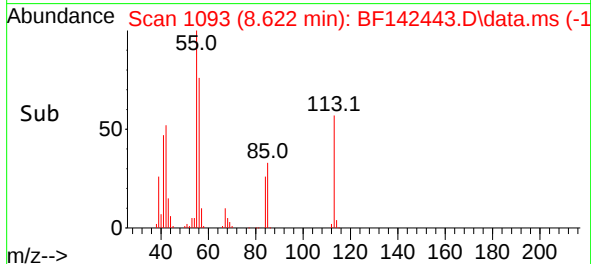


#35  
 Caprolactam  
 Concen: 27.241 ng  
 RT: 8.622 min Scan# 1109  
 Delta R.T. -0.000 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

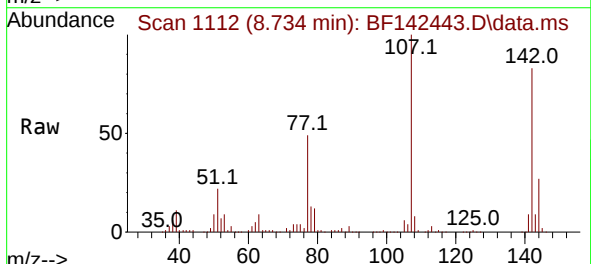
Instrument :  
 BNA\_F  
 ClientSampleId :



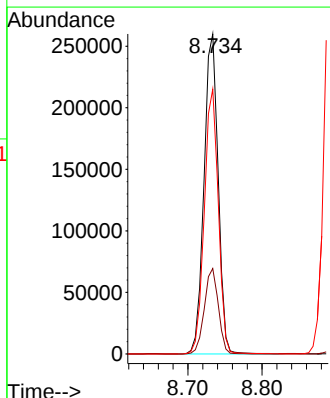
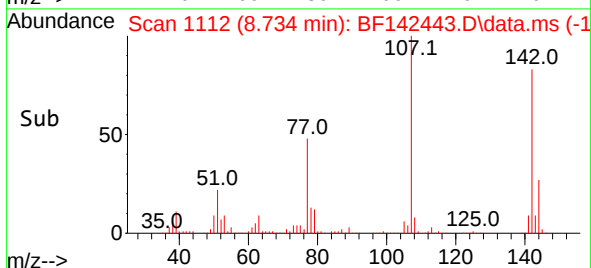
Tgt Ion:113 Resp: 61345  
 Ion Ratio Lower Upper  
 113 100  
 55 176.5 176.4 216.4  
 56 134.6 120.3 160.3

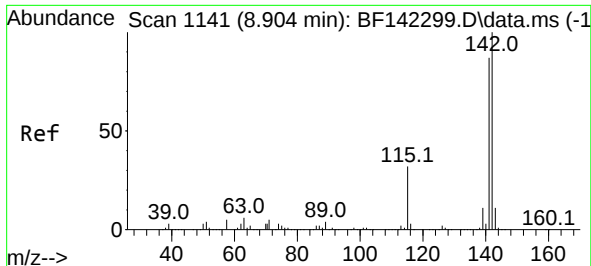


#36  
 4-Chloro-3-methylphenol  
 Concen: 42.903 ng  
 RT: 8.734 min Scan# 1112  
 Delta R.T. 0.006 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07



Tgt Ion:107 Resp: 344601  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 21.3 31.9  
 142 82.7 66.9 100.3

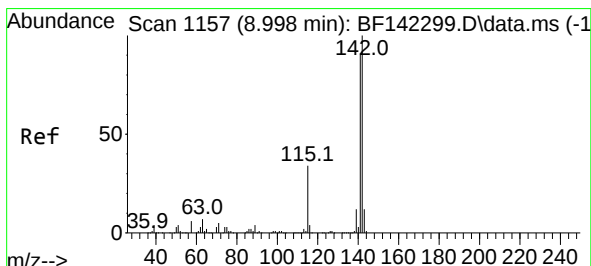
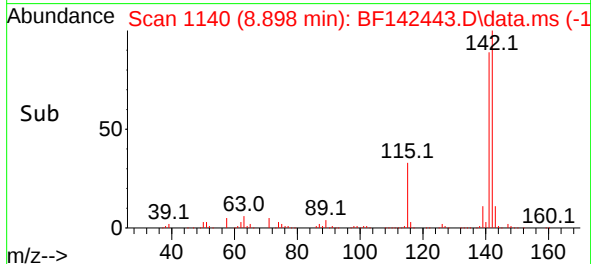
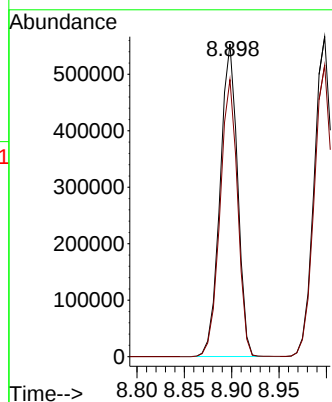
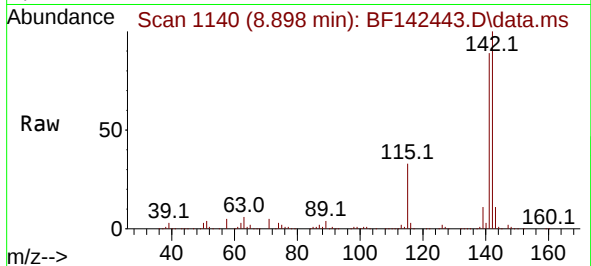




#37  
2-Methylnaphthalene  
Concen: 40.695 ng  
RT: 8.898 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

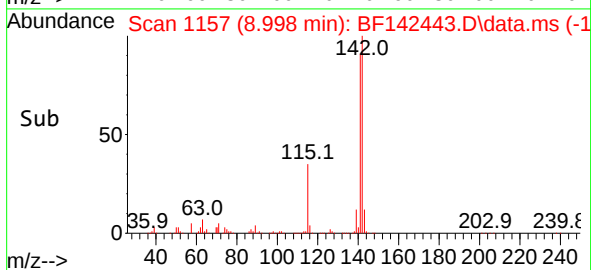
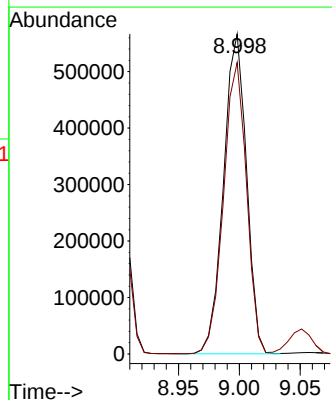
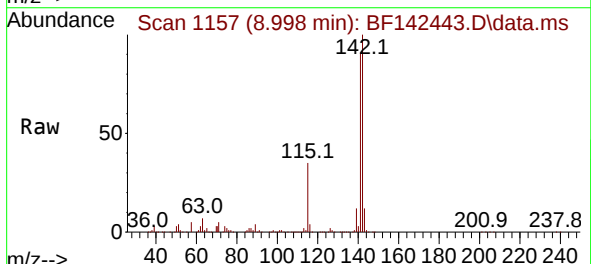
Instrument :  
BNA\_F  
ClientSampleId :

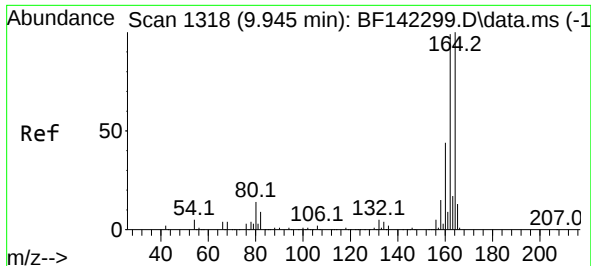
Tgt Ion:142 Resp: 713490  
Ion Ratio Lower Upper  
142 100  
141 88.6 69.4 104.2



#38  
1-Methylnaphthalene  
Concen: 40.664 ng  
RT: 8.998 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:142 Resp: 743095  
Ion Ratio Lower Upper  
142 100  
141 91.1 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

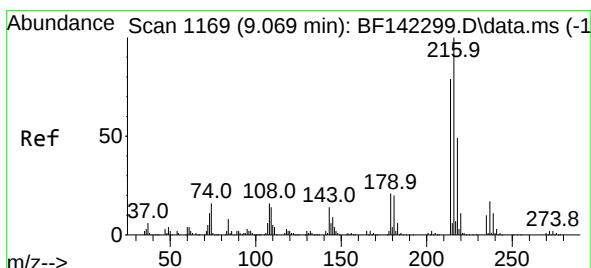
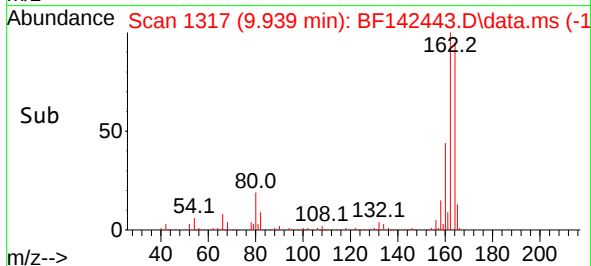
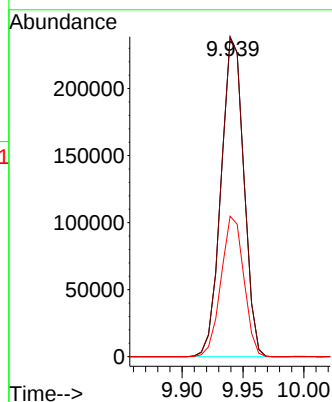
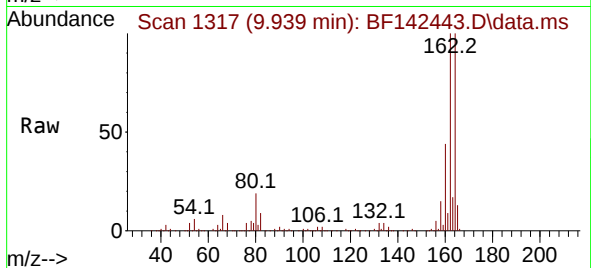
Tgt Ion:164 Resp: 309352

Ion Ratio Lower Upper

164 100

162 100.2 79.2 118.8

160 44.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.803 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Tgt Ion:216 Resp: 361173

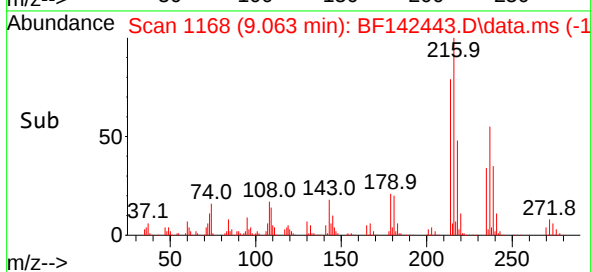
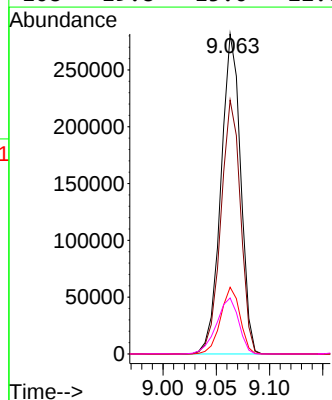
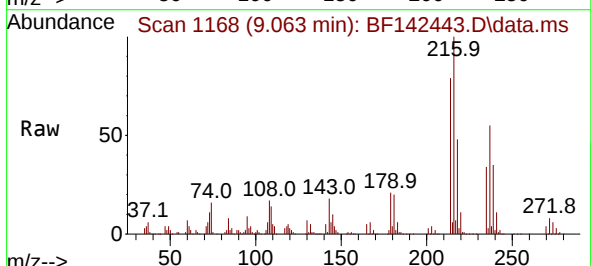
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.5 17.0 25.6

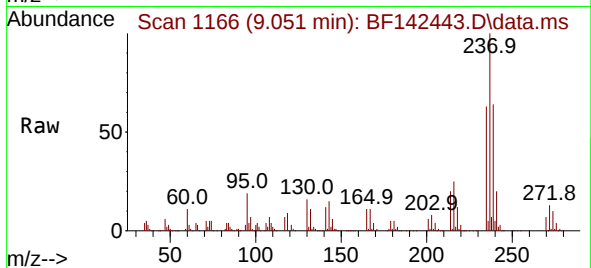
108 19.8 15.0 22.6



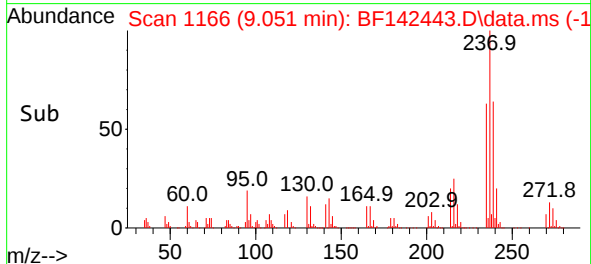
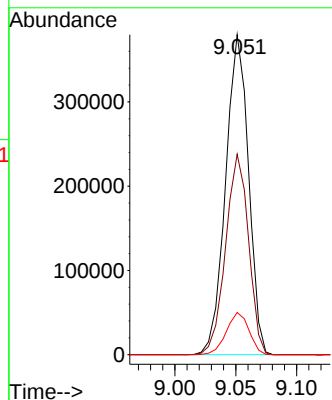


#41  
Hexachlorocyclopentadiene  
Concen: 93.091 ng  
RT: 9.051 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Instrument :  
BNA\_F  
ClientSampleId :

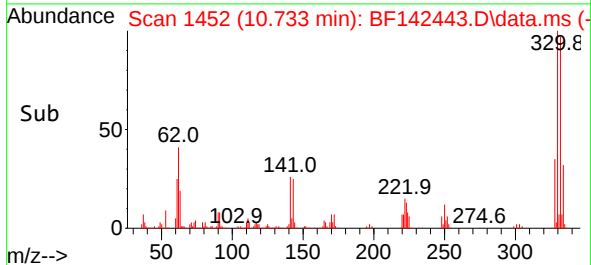
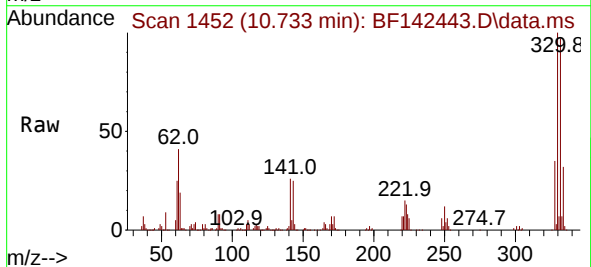
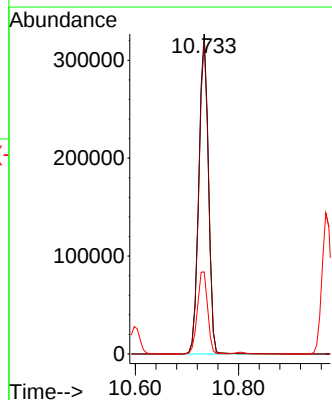


Tgt Ion:237 Resp: 497074  
Ion Ratio Lower Upper  
237 100  
235 62.6 42.8 82.8  
272 13.2 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 141.079 ng  
RT: 10.733 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:330 Resp: 421365  
Ion Ratio Lower Upper  
330 100  
332 97.2 76.8 115.2  
141 27.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 46.077 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

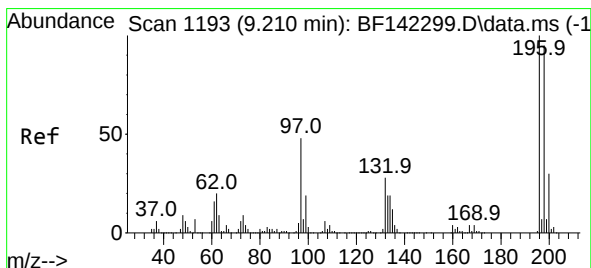
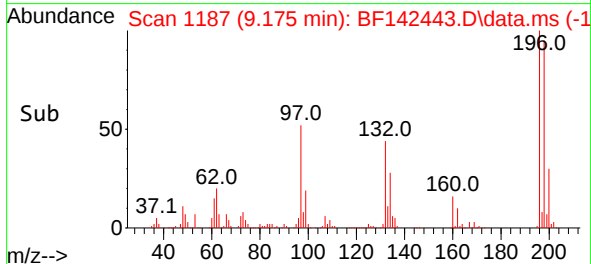
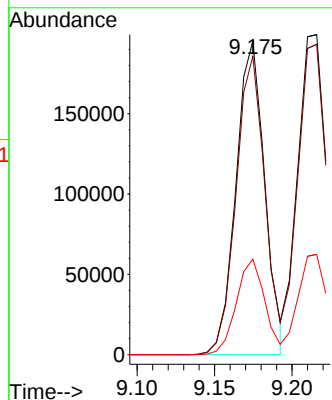
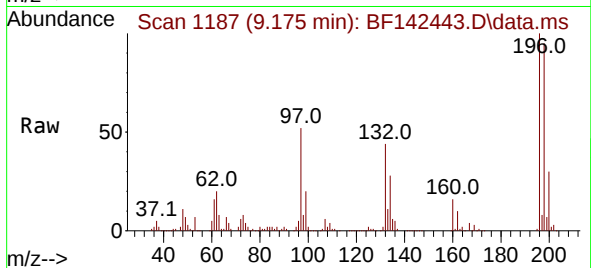
Tgt Ion:196 Resp: 251107

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

200 30.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 44.922 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Tgt Ion:196 Resp: 260483

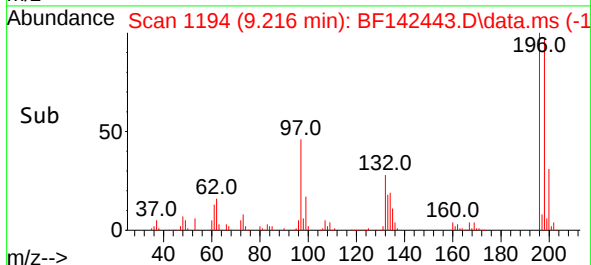
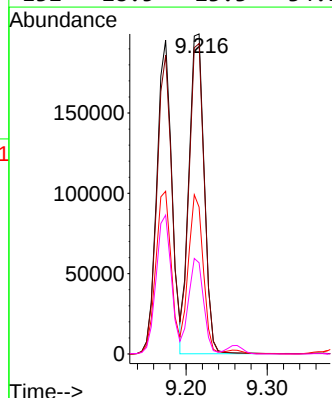
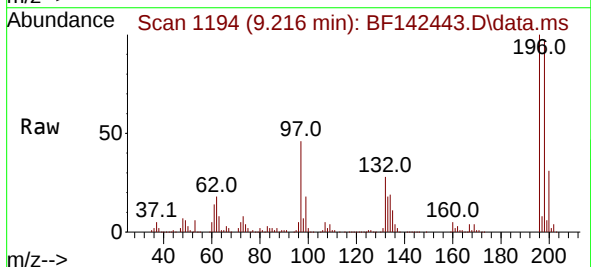
Ion Ratio Lower Upper

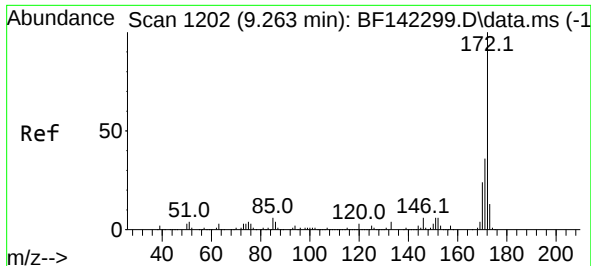
196 100

198 97.0 76.1 114.1

97 45.9 39.0 58.4

132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.847 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

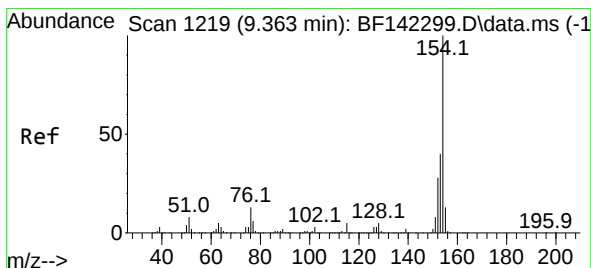
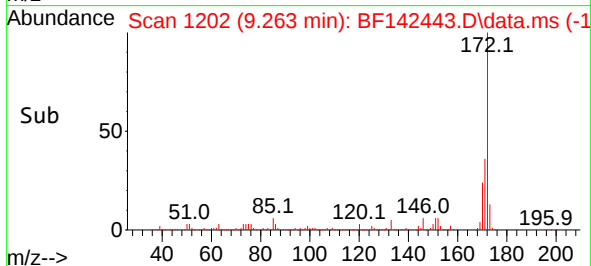
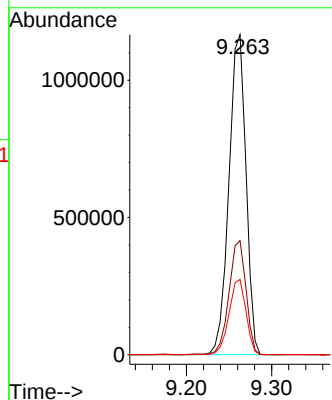
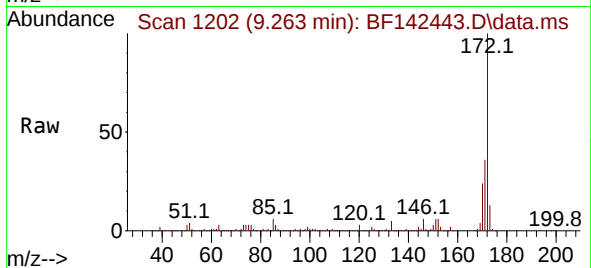
Tgt Ion:172 Resp: 1623844

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.097 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

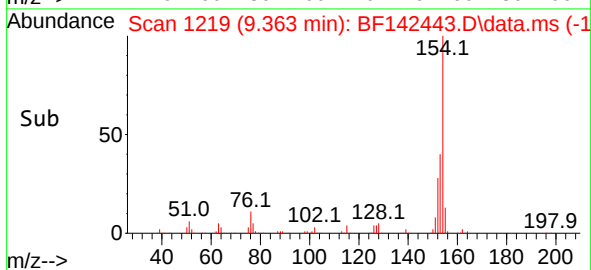
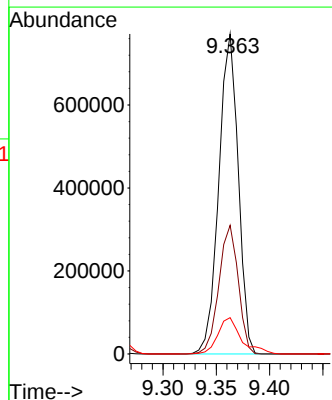
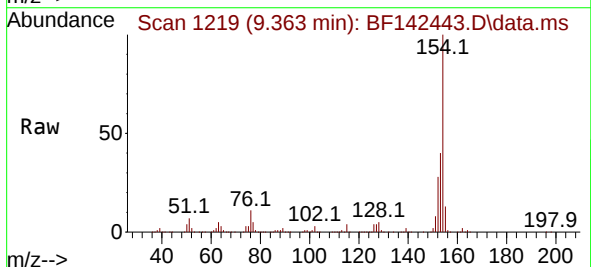
Tgt Ion:154 Resp: 974791

Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

76 11.4 0.0 32.8

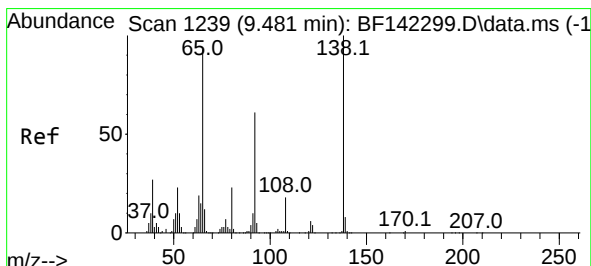
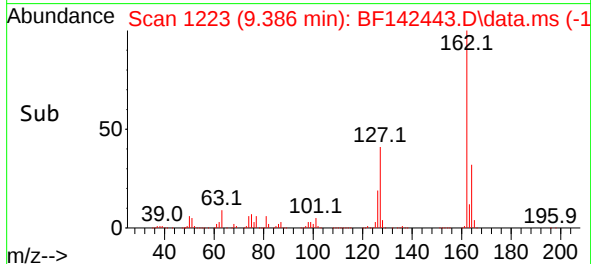
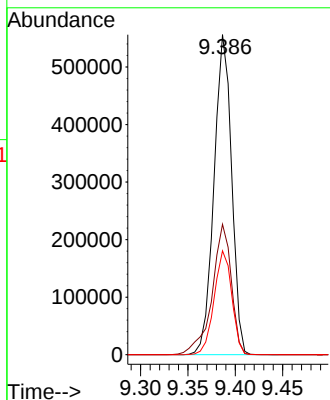
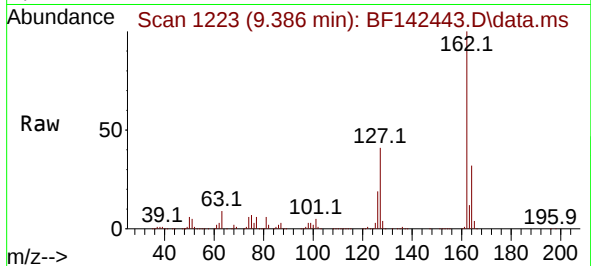




#47  
2-Chloronaphthalene  
Concen: 40.807 ng  
RT: 9.386 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

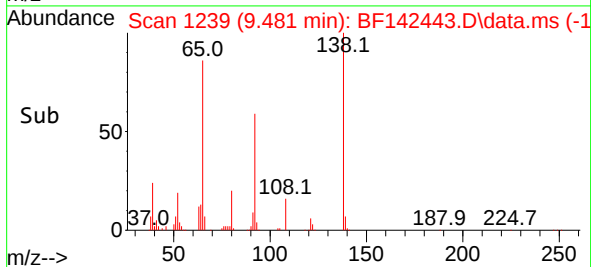
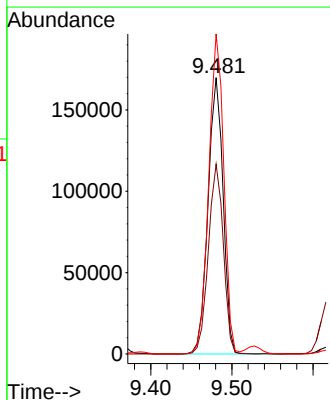
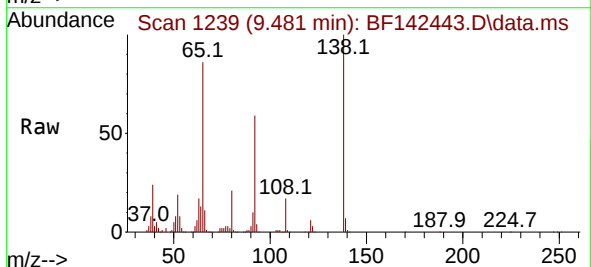
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:162 Resp: 719820  
Ion Ratio Lower Upper  
162 100  
127 40.7 32.3 48.5  
164 32.5 26.6 40.0



#48  
2-Nitroaniline  
Concen: 48.356 ng  
RT: 9.481 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

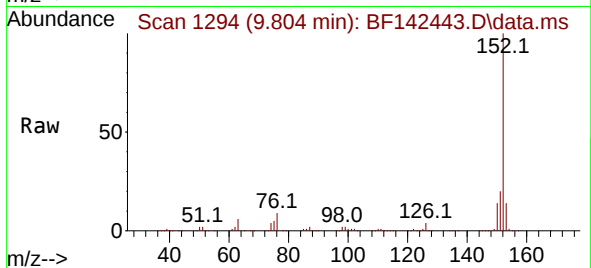
Tgt Ion: 65 Resp: 218634  
Ion Ratio Lower Upper  
65 100  
92 68.7 52.3 78.5  
138 115.8 85.6 128.4



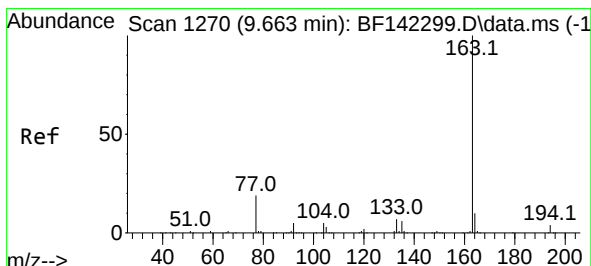
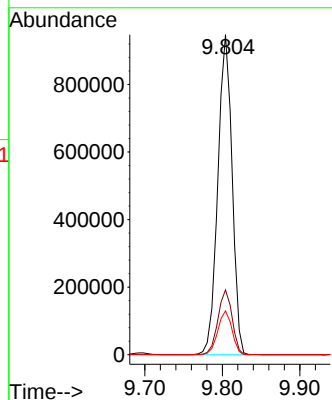
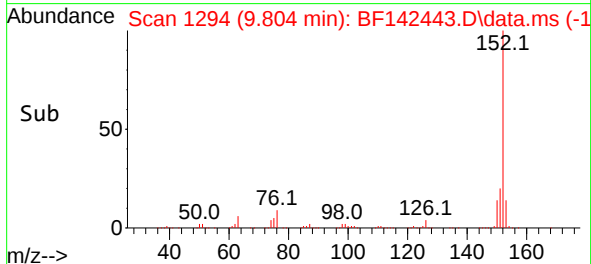


#49  
Acenaphthylene  
Concen: 41.031 ng  
RT: 9.804 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

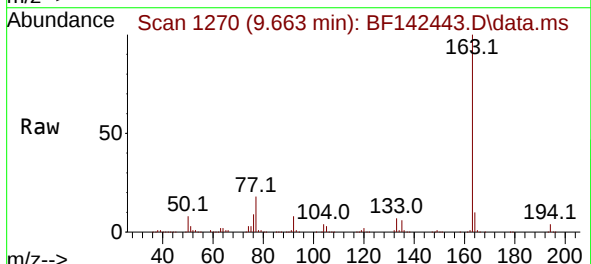
Instrument :  
BNA\_F  
ClientSampleId :



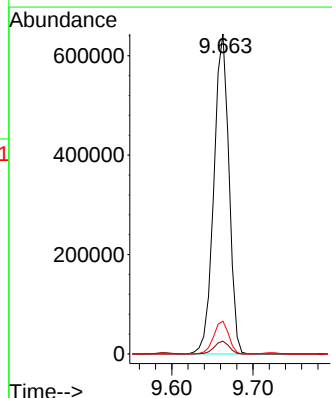
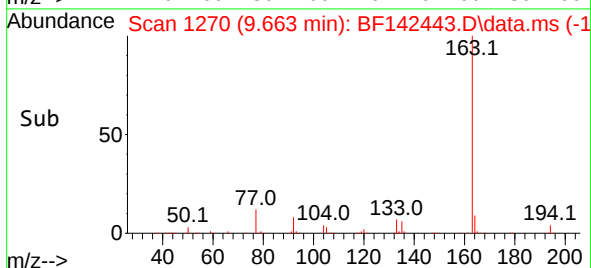
Tgt Ion:152 Resp: 1210762  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.0 24.0  
153 13.7 10.8 16.2

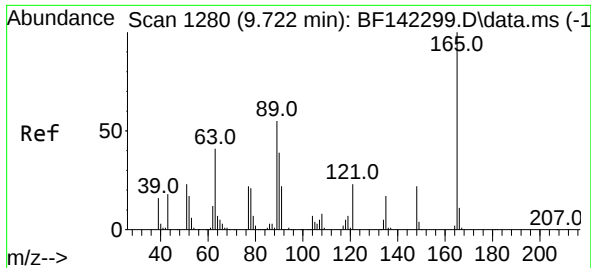


#50  
Dimethylphthalate  
Concen: 41.856 ng  
RT: 9.663 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



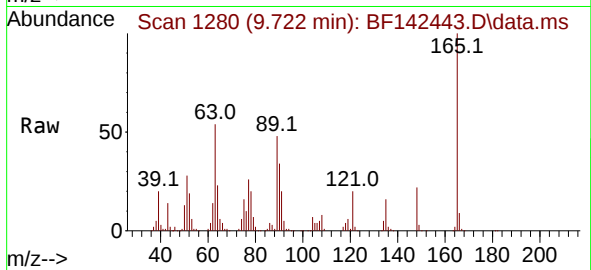
Tgt Ion:163 Resp: 831437  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.3 8.3 12.5



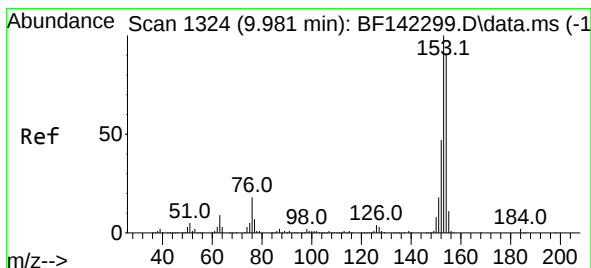
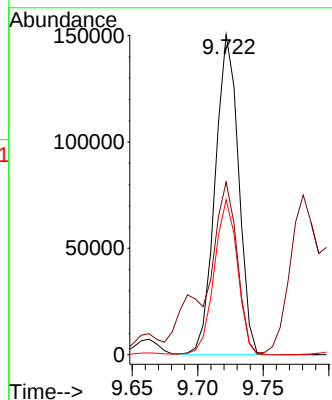
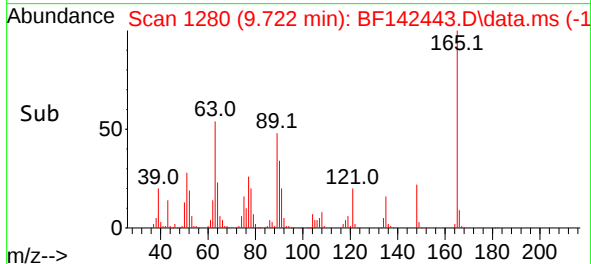


#51  
2,6-Dinitrotoluene  
Concen: 50.095 ng  
RT: 9.722 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

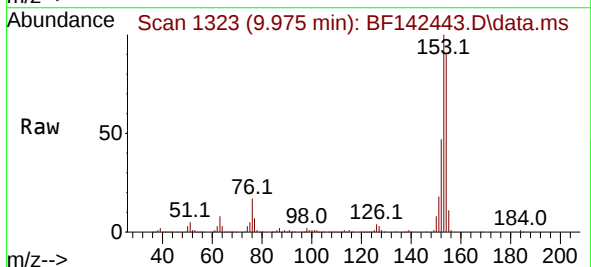
Instrument :  
BNA\_F  
ClientSampleId :



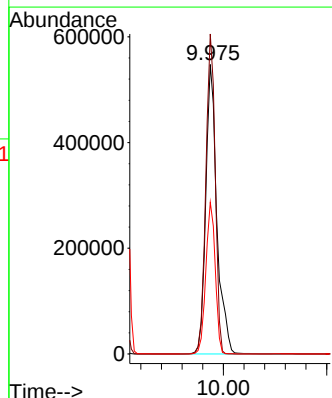
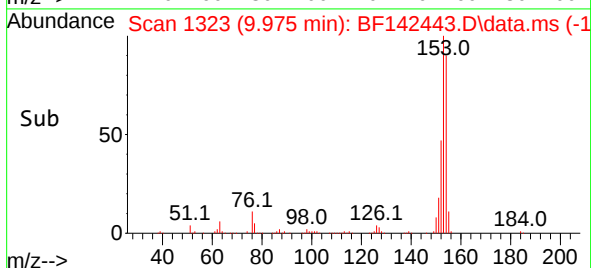
Tgt Ion:165 Resp: 186265  
Ion Ratio Lower Upper  
165 100  
63 53.9 49.5 74.3  
89 48.4 44.6 66.8

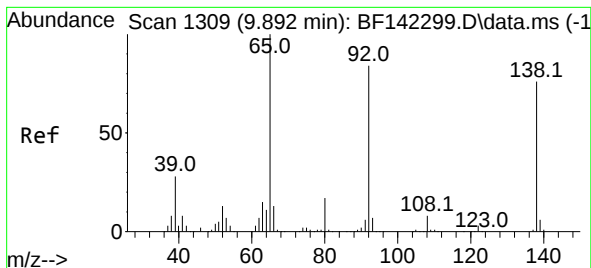


#52  
Acenaphthene  
Concen: 46.228 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



Tgt Ion:154 Resp: 820225  
Ion Ratio Lower Upper  
154 100  
153 110.6 88.0 132.0  
152 52.4 41.6 62.4





#53

3-Nitroaniline

Concen: 29.724 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.000 min

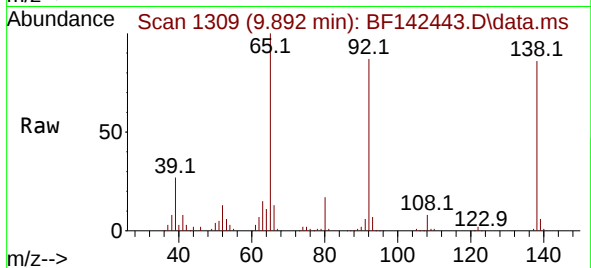
Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :



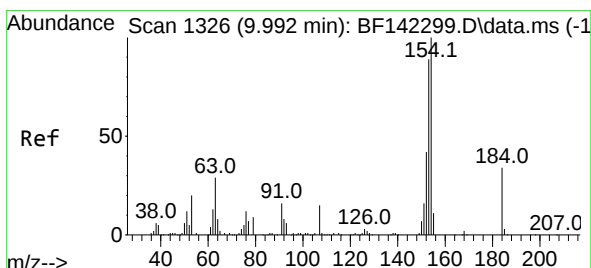
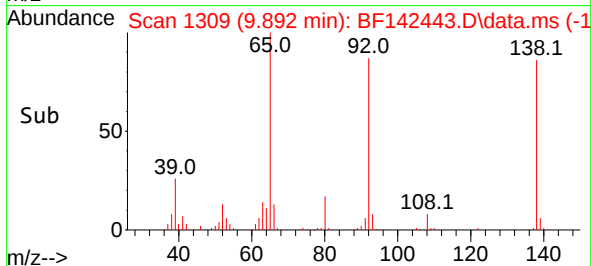
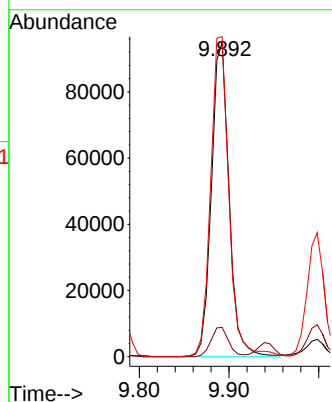
Tgt Ion:138 Resp: 129619

Ion Ratio Lower Upper

138 100

108 9.3 8.7 13.1

92 101.9 89.5 134.3



#54

2,4-Dinitrophenol

Concen: 110.107 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

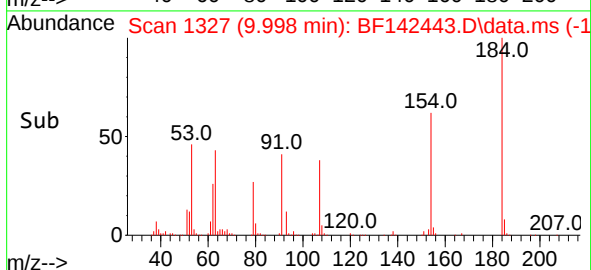
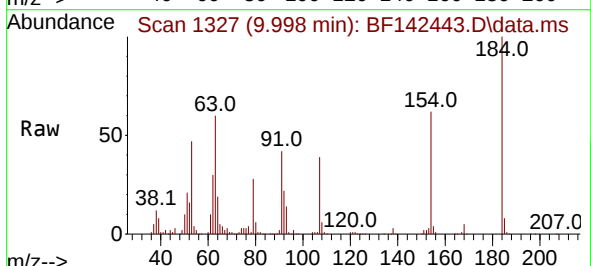
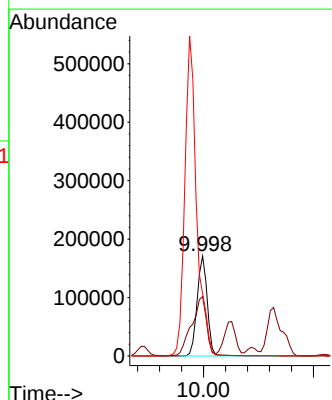
Tgt Ion:184 Resp: 220391

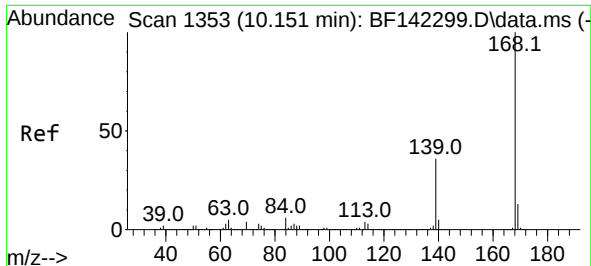
Ion Ratio Lower Upper

184 100

63 59.6 70.6 105.8#

154 62.4 257.2 385.8#

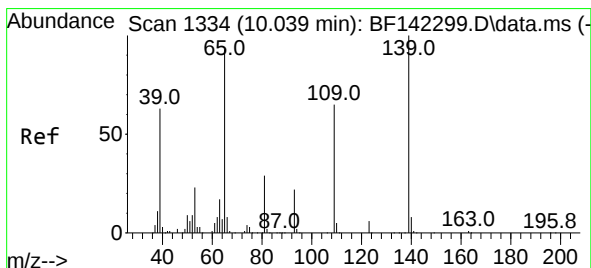
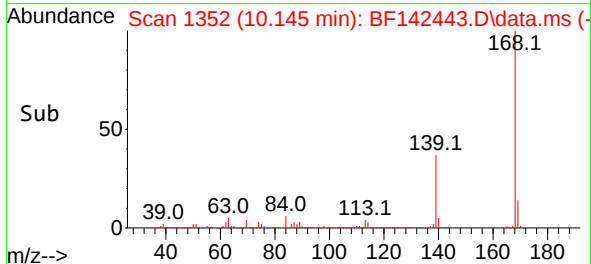
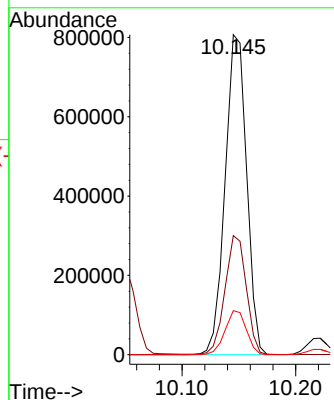
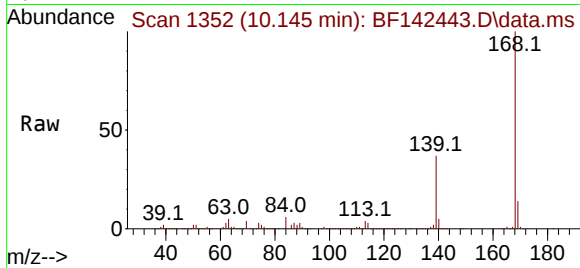




#55  
Dibenzofuran  
Concen: 40.547 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

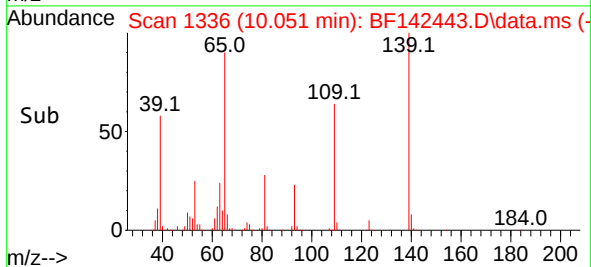
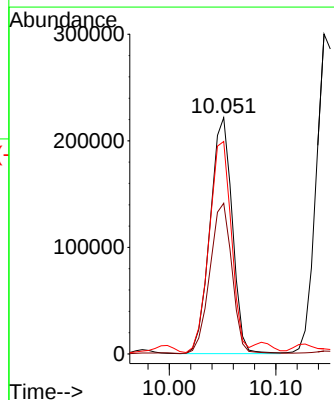
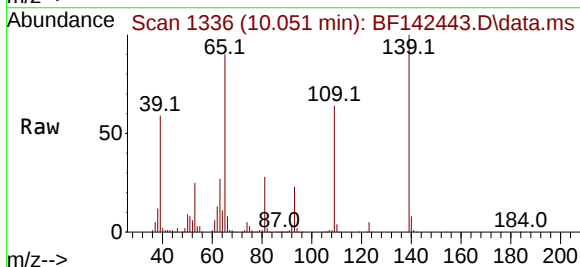
Instrument :  
BNA\_F  
ClientSampleId :

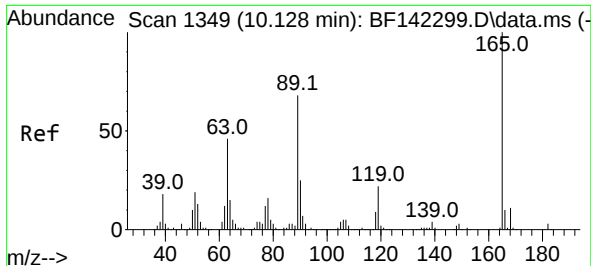
Tgt Ion:168 Resp: 1061748  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.0 43.4  
169 13.7 10.7 16.1



#56  
4-Nitrophenol  
Concen: 97.742 ng  
RT: 10.051 min Scan# 1336  
Delta R.T. 0.012 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

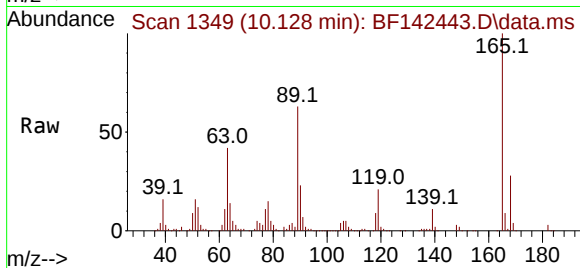
Tgt Ion:139 Resp: 320793  
Ion Ratio Lower Upper  
139 100  
109 63.7 45.3 85.3  
65 89.9 73.9 113.9



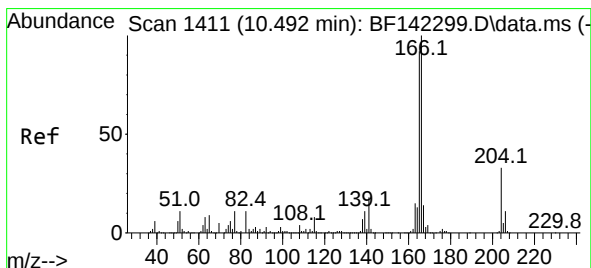
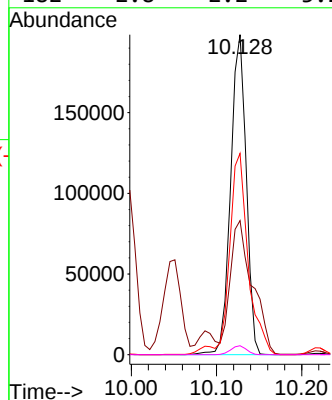
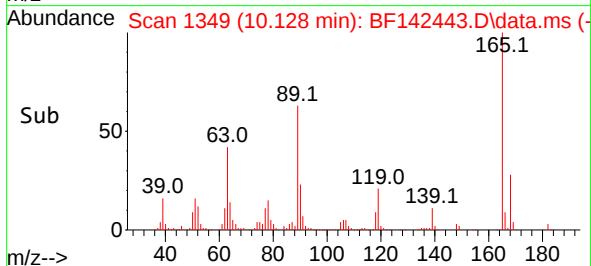


#57  
2,4-Dinitrotoluene  
Concen: 52.820 ng  
RT: 10.128 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

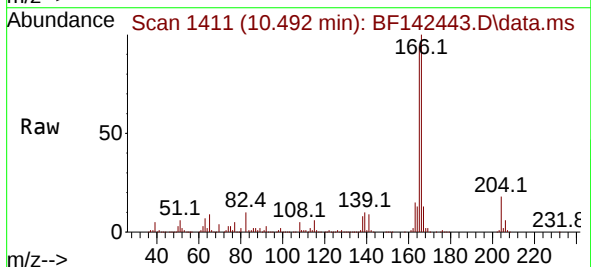
Instrument :  
BNA\_F  
ClientSampleId :



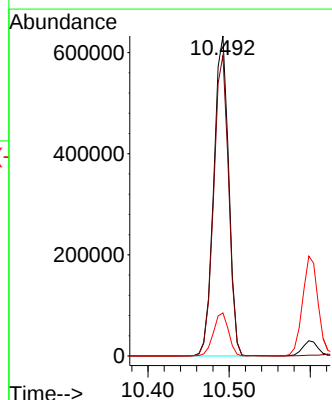
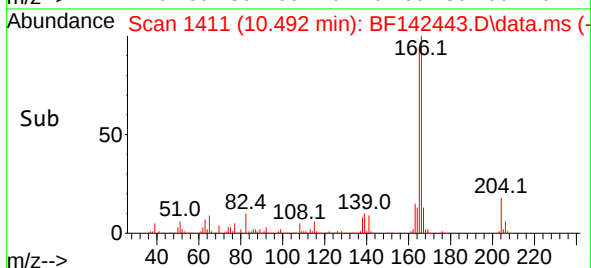
Tgt Ion:165 Resp: 251924  
Ion Ratio Lower Upper  
165 100  
63 41.9 37.1 55.7  
89 62.9 54.4 81.6  
182 2.8 2.2 3.2

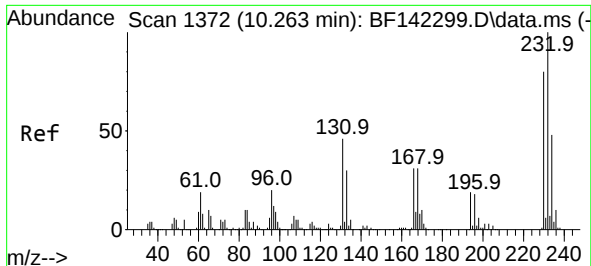


#58  
Fluorene  
Concen: 40.377 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



Tgt Ion:166 Resp: 806873  
Ion Ratio Lower Upper  
166 100  
165 93.9 74.0 111.0  
167 13.5 10.9 16.3

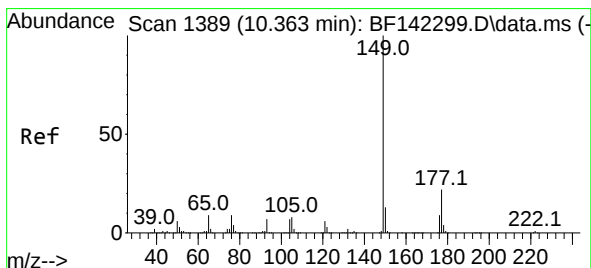
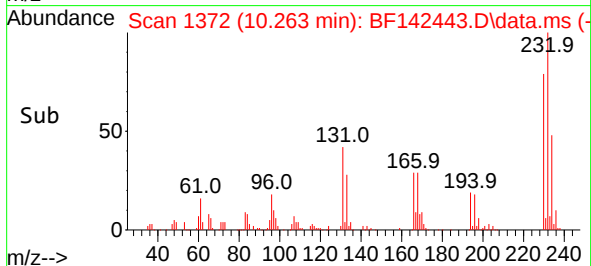
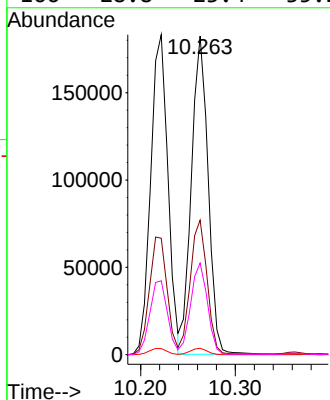
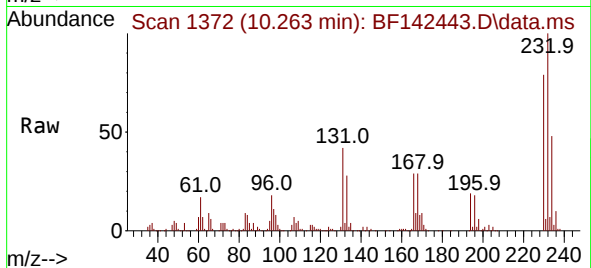




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.717 ng  
RT: 10.263 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

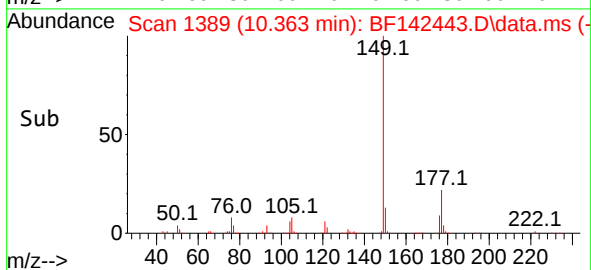
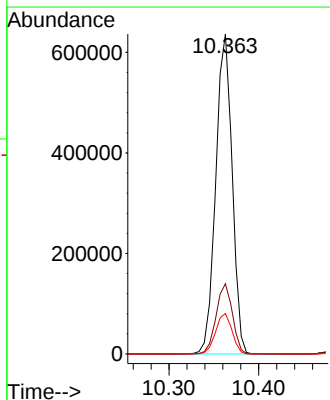
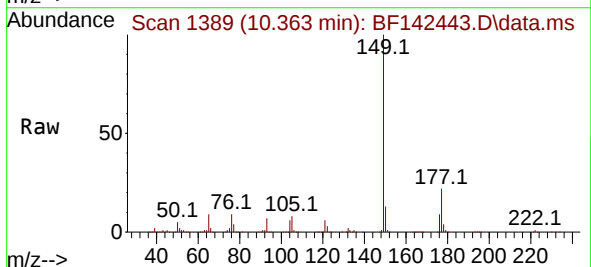
Instrument :  
BNA\_F  
ClientSampleId :

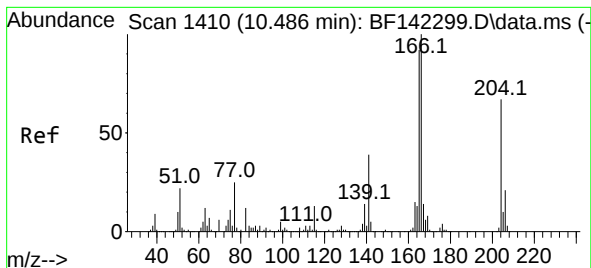
Tgt Ion:232 Resp: 223624  
Ion Ratio Lower Upper  
232 100  
131 43.1 36.0 54.0  
130 2.0 1.8 2.6  
166 28.8 23.4 35.2



#60  
Diethylphthalate  
Concen: 40.629 ng  
RT: 10.363 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:149 Resp: 805984  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.6 26.4  
150 12.6 10.1 15.1

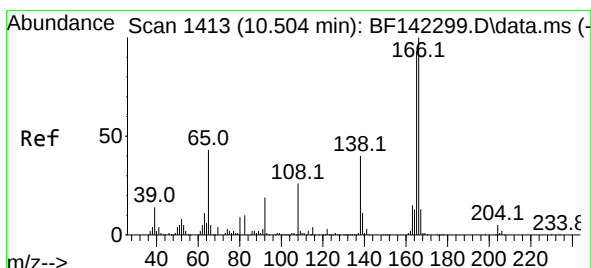
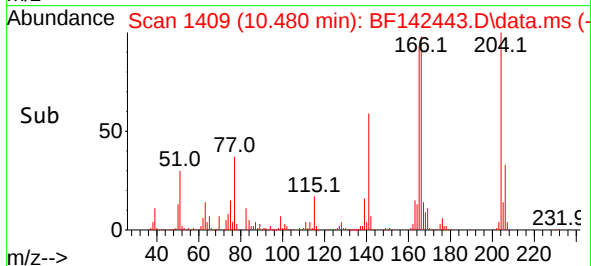
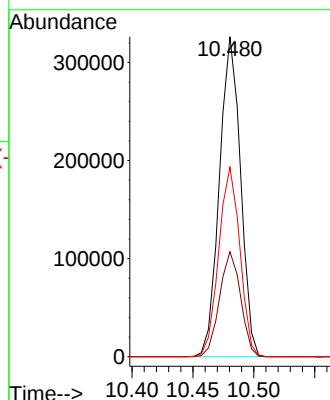
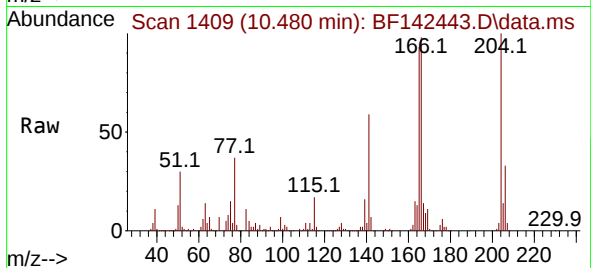




#61  
4-Chlorophenyl-phenylether  
Concen: 40.839 ng  
RT: 10.480 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

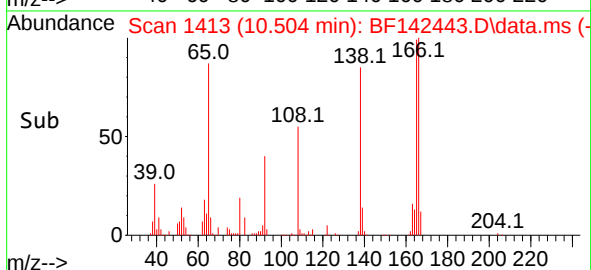
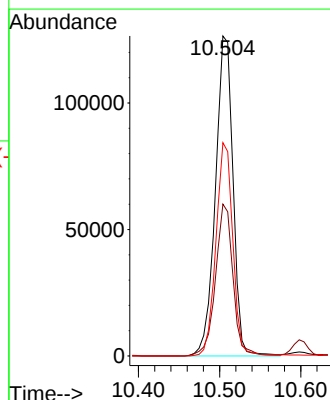
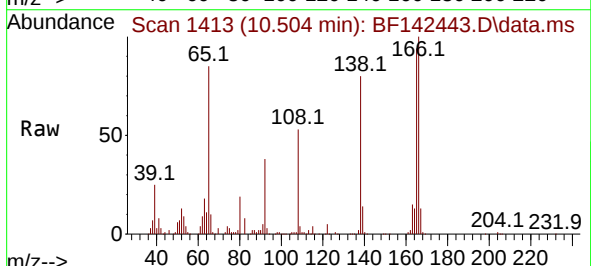
Instrument :  
BNA\_F  
ClientSampleId :

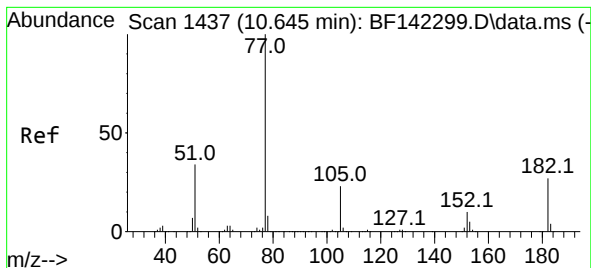
Tgt Ion:204 Resp: 393737  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.5 38.3  
141 59.2 46.4 69.6



#62  
4-Nitroaniline  
Concen: 55.252 ng  
RT: 10.504 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:138 Resp: 190965  
Ion Ratio Lower Upper  
138 100  
92 47.4 27.3 67.3  
108 66.7 45.1 85.1

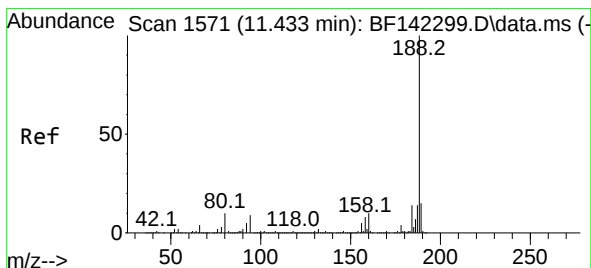
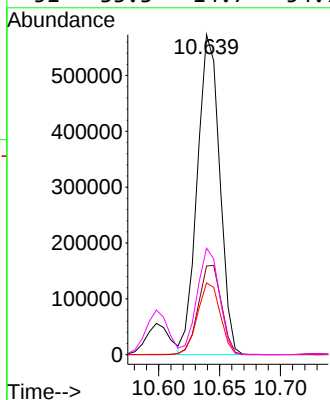
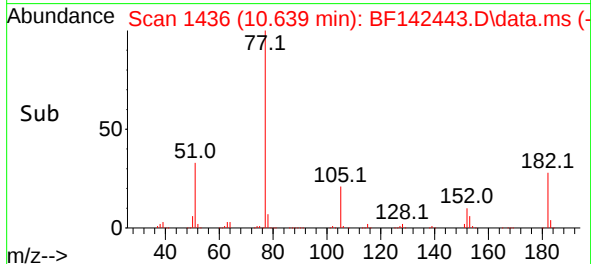
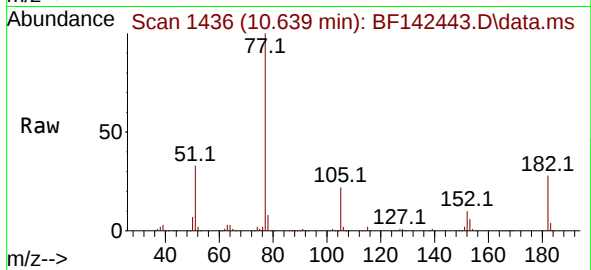




#63  
 Azobenzene  
 Concen: 38.597 ng  
 RT: 10.639 min Scan# 1436  
 Delta R.T. -0.006 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

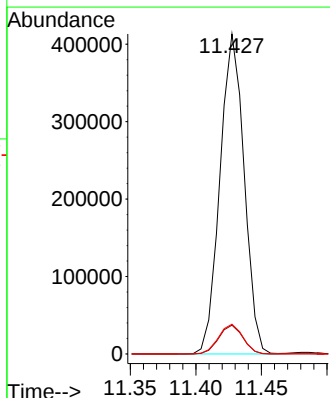
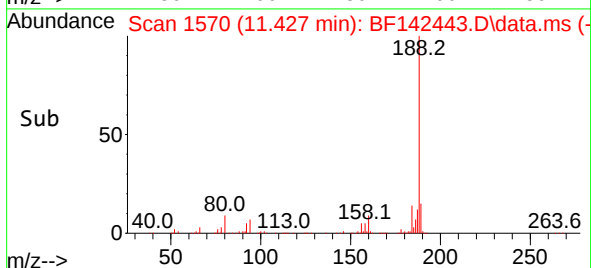
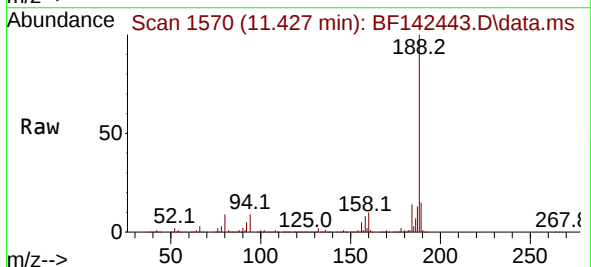
Instrument :  
 BNA\_F  
 ClientSampleId :

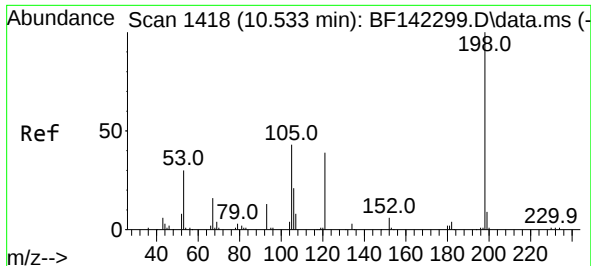
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 731672 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.7    | 6.9 46.9     |
| 105 22.4    | 2.7 42.7     |
| 51 33.3     | 14.7 54.7    |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.427 min Scan# 1570  
 Delta R.T. -0.006 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 529488 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.0      | 7.5 11.3     |
| 80 9.3      | 7.9 11.9     |

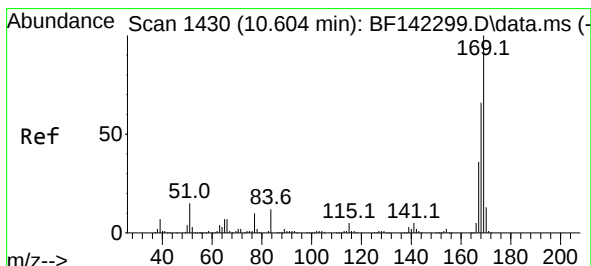
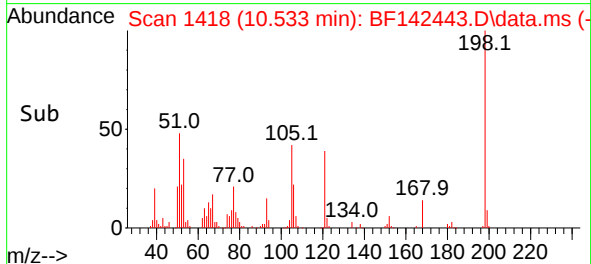
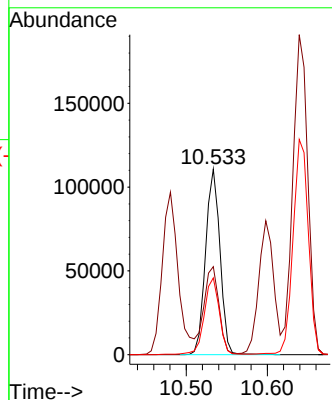
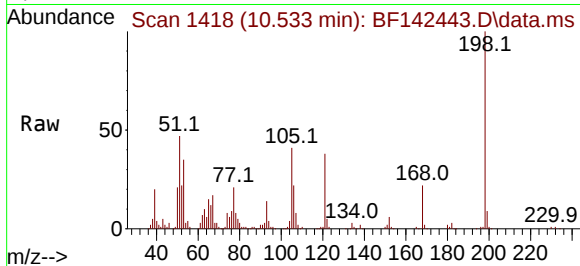




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.253 ng  
RT: 10.533 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

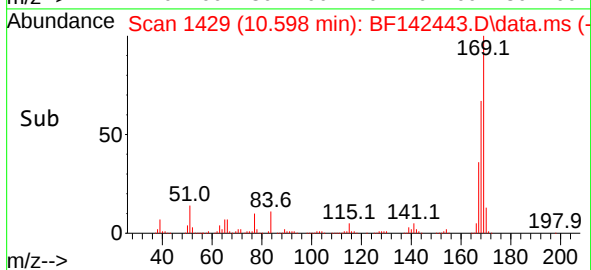
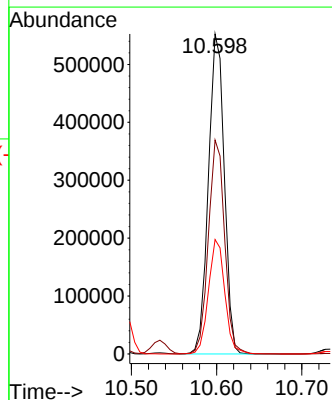
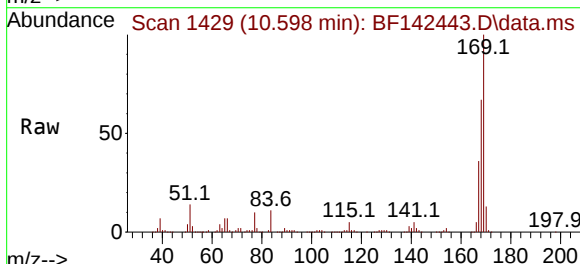
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:198 Resp: 136625  
Ion Ratio Lower Upper  
198 100  
51 47.4 32.9 72.9  
105 41.4 23.7 63.7



#66  
n-Nitrosodiphenylamine  
Concen: 40.573 ng  
RT: 10.598 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

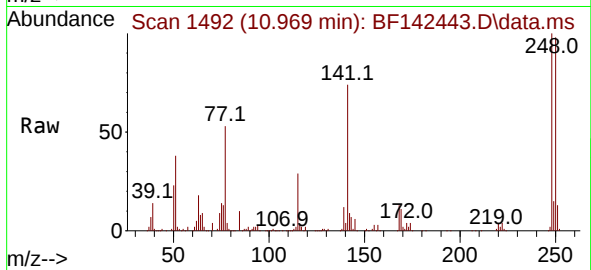
Tgt Ion:169 Resp: 714867  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.2 79.8  
167 35.7 28.9 43.3



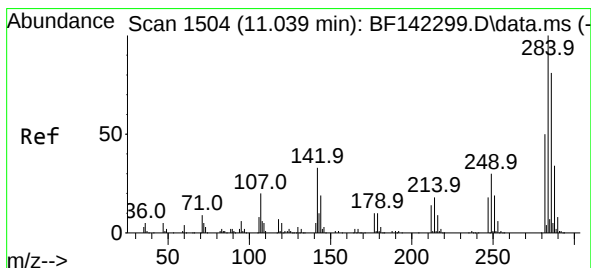
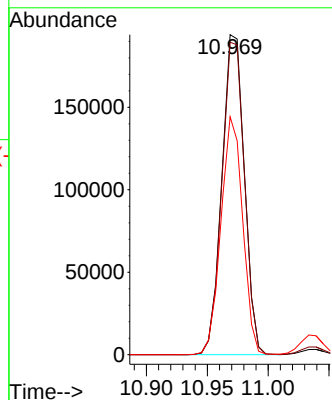
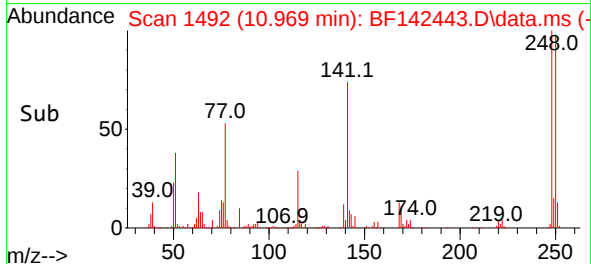


#67  
4-Bromophenyl-phenylether  
Concen: 41.652 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

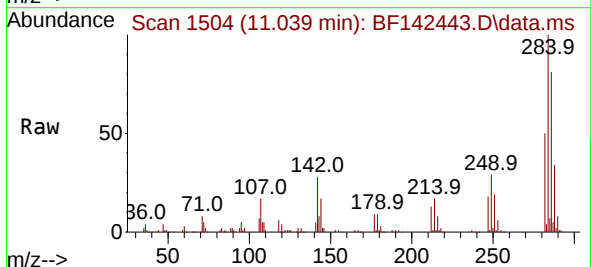
Instrument :  
BNA\_F  
ClientSampleId :



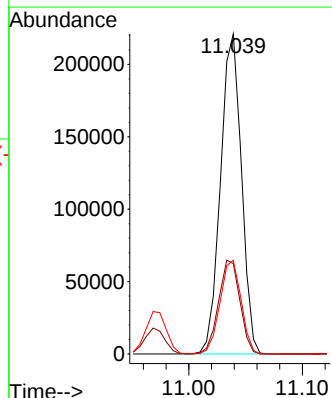
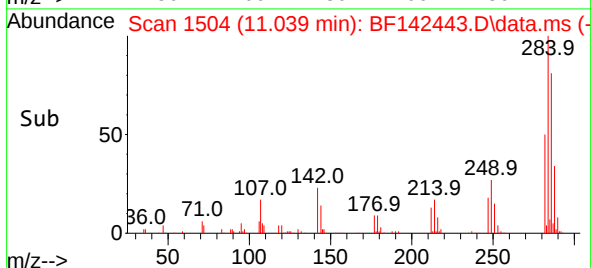
Tgt Ion:248 Resp: 249947  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.9 116.9  
141 74.3 59.8 89.8

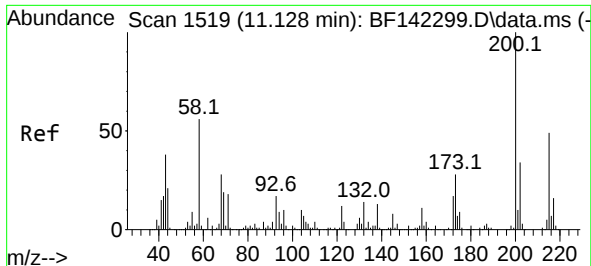


#68  
Hexachlorobenzene  
Concen: 42.873 ng  
RT: 11.039 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



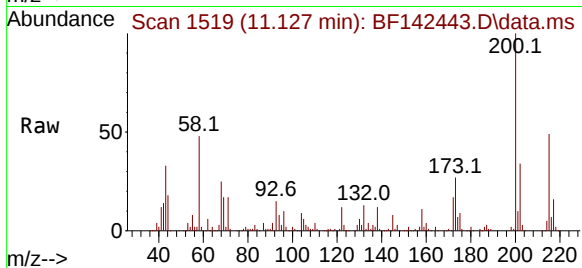
Tgt Ion:284 Resp: 282994  
Ion Ratio Lower Upper  
284 100  
142 28.3 26.6 39.8  
249 29.2 24.1 36.1



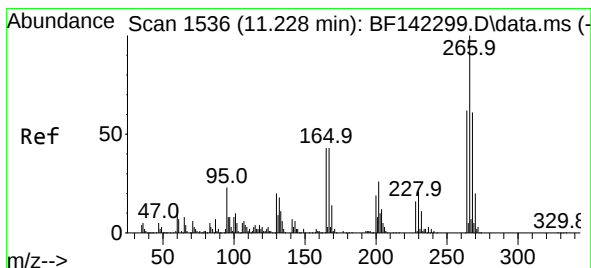
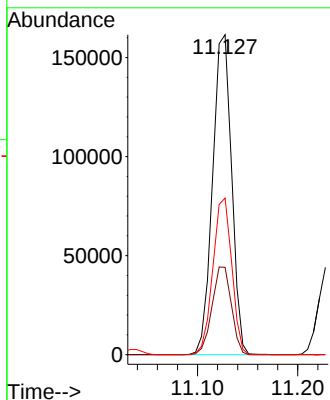
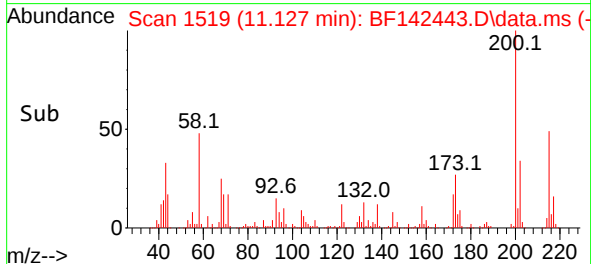


#69  
Atrazine  
Concen: 45.879 ng  
RT: 11.127 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

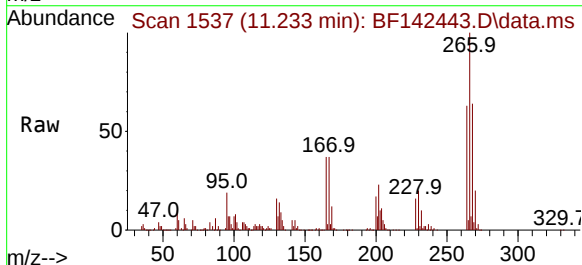
Instrument :  
BNA\_F  
ClientSampleId :



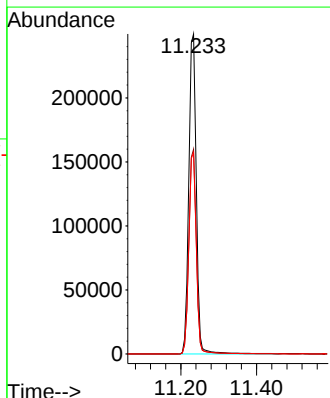
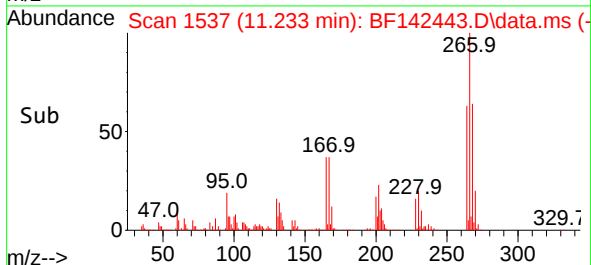
Tgt Ion:200 Resp: 213084  
Ion Ratio Lower Upper  
200 100  
173 27.3 8.1 48.1  
215 49.0 28.8 68.8

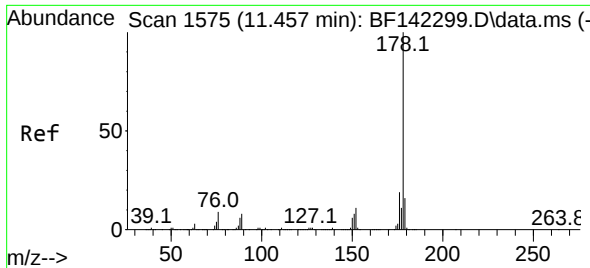


#70  
Pentachlorophenol  
Concen: 98.673 ng  
RT: 11.233 min Scan# 1537  
Delta R.T. 0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07



Tgt Ion:266 Resp: 342643  
Ion Ratio Lower Upper  
266 100  
268 64.0 48.7 73.1  
264 62.9 49.8 74.6



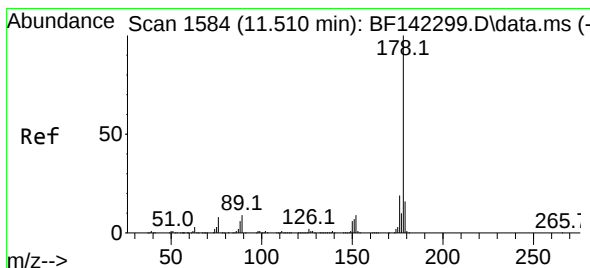
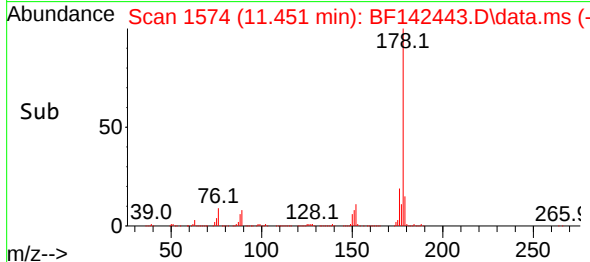
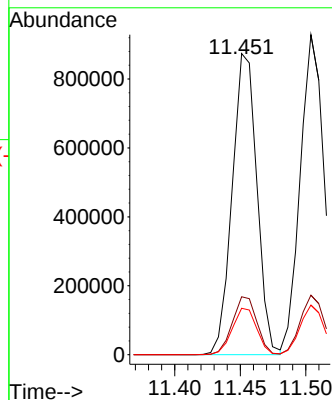
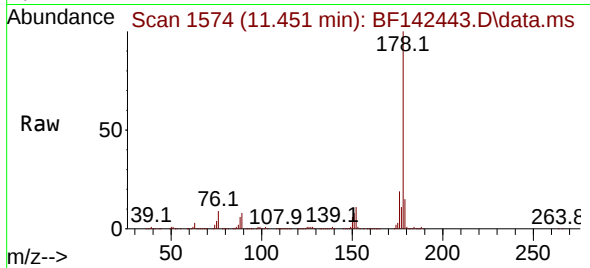


#71  
 Phenanthrene  
 Concen: 41.286 ng  
 RT: 11.451 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:178 Resp: 1145863  

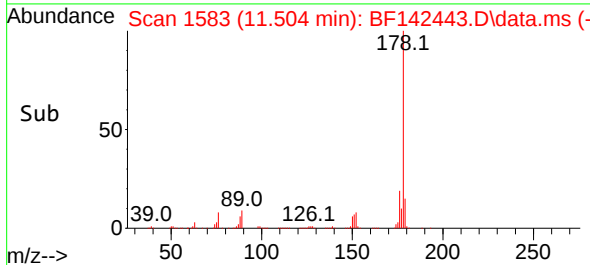
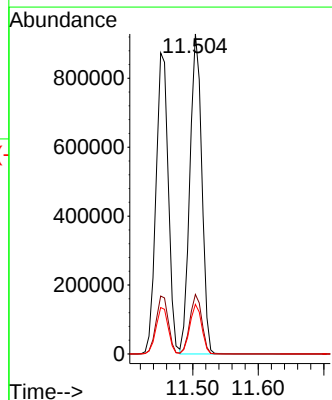
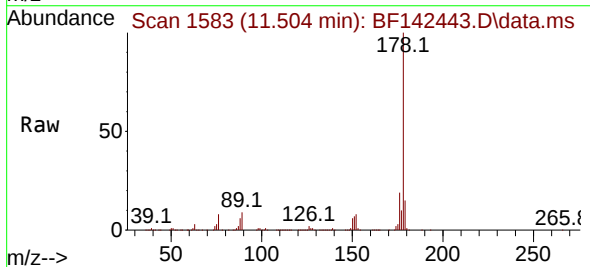
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.2  | 15.5  | 23.3  |
| 179 | 15.4  | 12.6  | 18.8  |

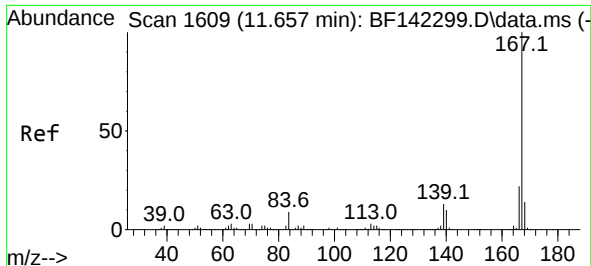


#72  
 Anthracene  
 Concen: 40.872 ng  
 RT: 11.504 min Scan# 1583  
 Delta R.T. -0.006 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

Tgt Ion:178 Resp: 1165588  

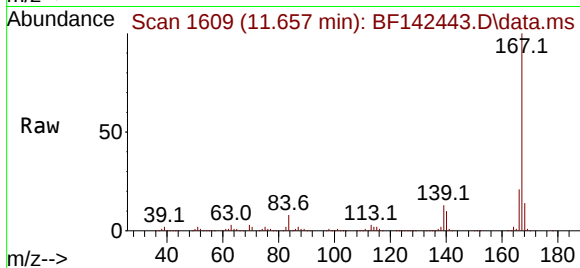
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 15.3  | 22.9  |
| 179 | 15.5  | 12.6  | 18.8  |





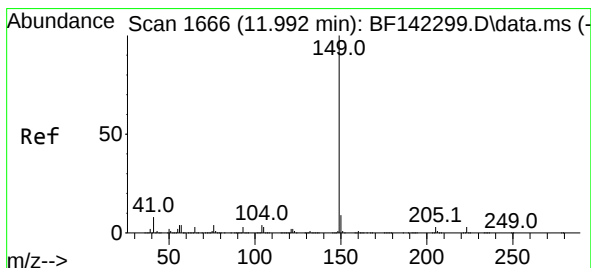
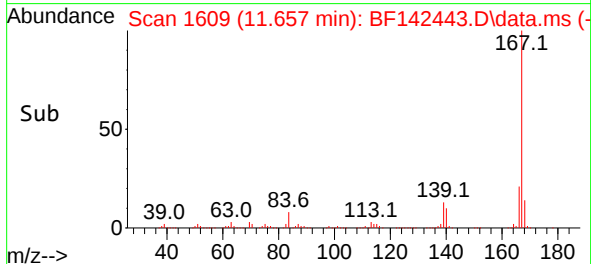
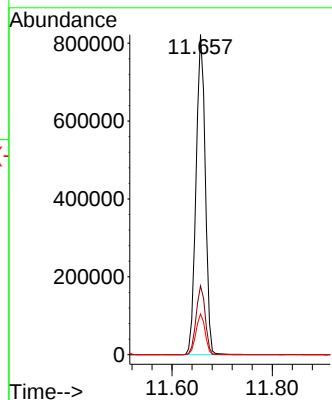
#73  
 Carbazole  
 Concen: 40.971 ng  
 RT: 11.657 min Scan# 1609  
 Delta R.T. -0.000 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:167 Resp: 1048242  

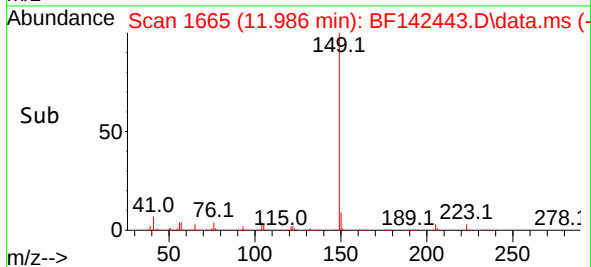
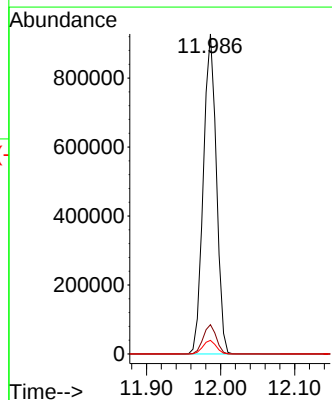
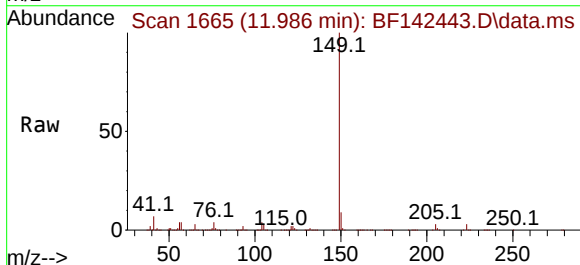
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.2  | 25.8  |
| 139 | 12.7  | 10.3  | 15.5  |

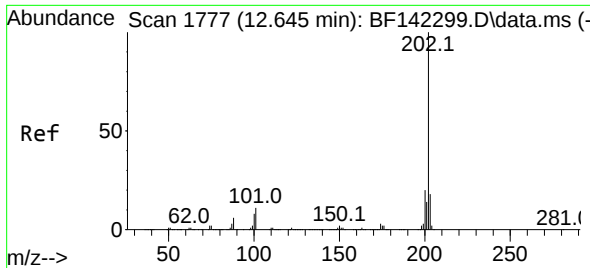


#74  
 Di-n-butylphthalate  
 Concen: 42.141 ng  
 RT: 11.986 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: BF142443.D  
 Acq: 19 May 2025 11:07

Tgt Ion:149 Resp: 1133741  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.5   | 11.3  |
| 104 | 4.3   | 3.6   | 5.4   |

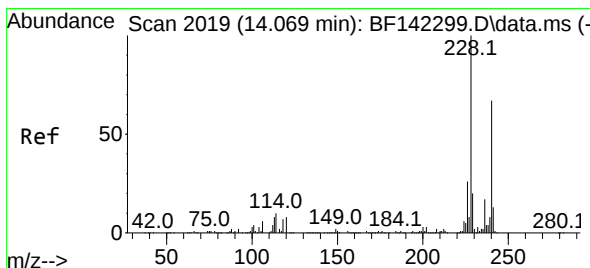
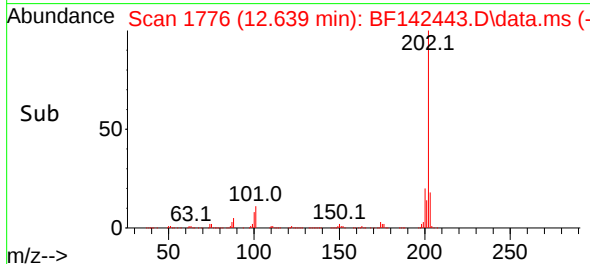
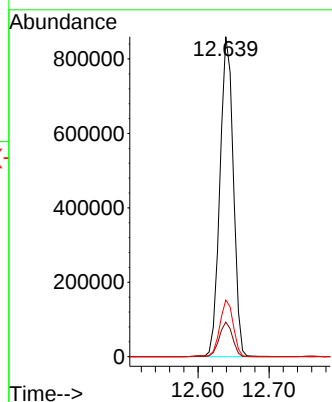
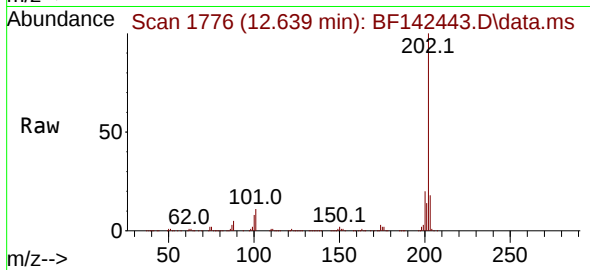




#75  
Fluoranthene  
Concen: 40.457 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

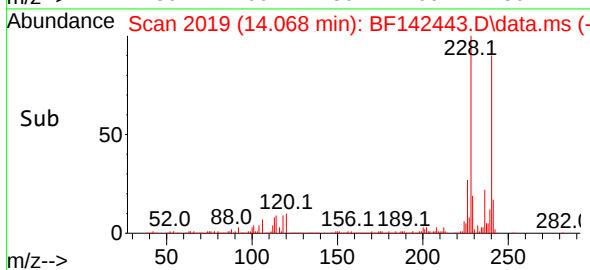
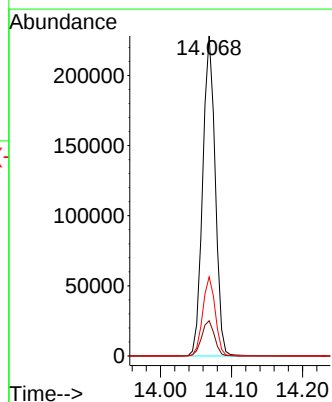
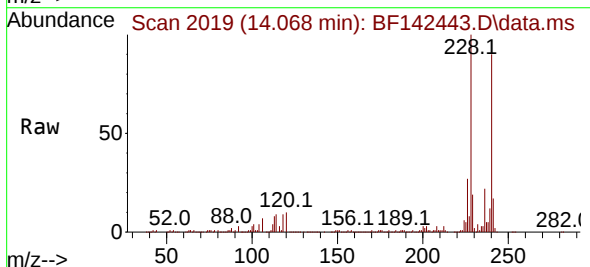
Instrument :  
BNA\_F  
ClientSampleId :

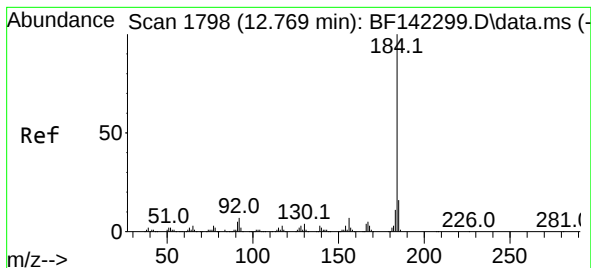
Tgt Ion:202 Resp: 1122434  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 31.4  
203 17.7 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:240 Resp: 280552  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.7 14.5  
236 24.7 20.0 30.0





#77

Benzidine

Concen: 75.939 ng

RT: 12.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

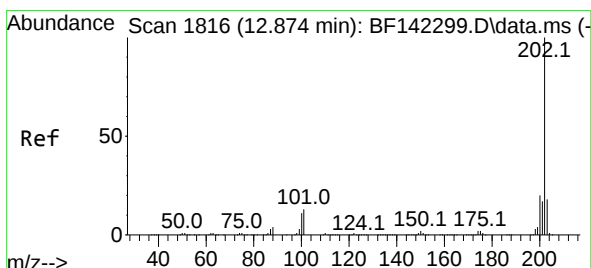
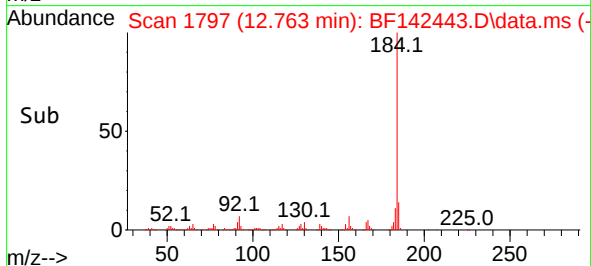
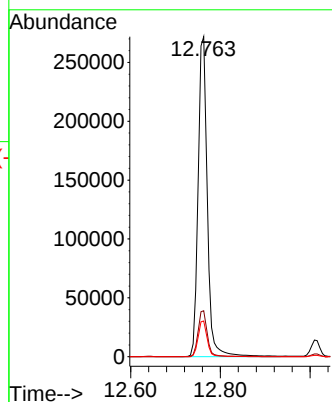
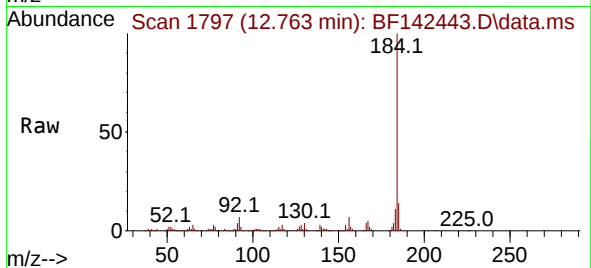
Tgt Ion:184 Resp: 387170

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

183 11.1 8.6 12.8



#78

Pyrene

Concen: 44.052 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

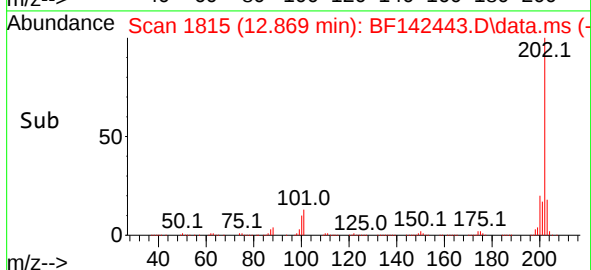
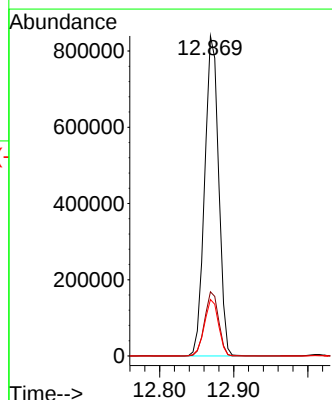
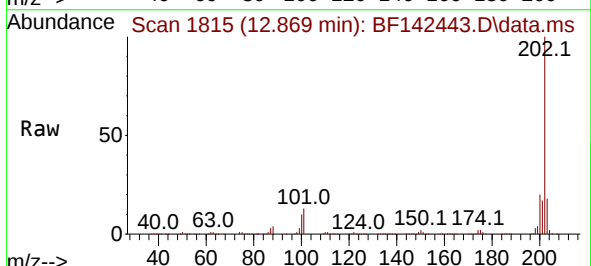
Tgt Ion:202 Resp: 1100072

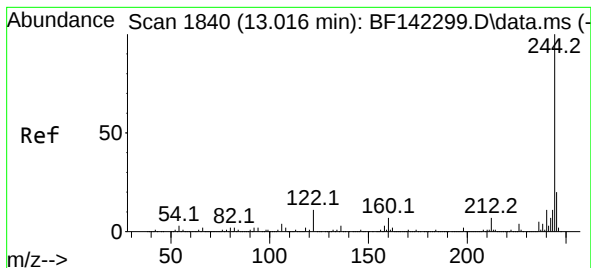
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 78.941 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

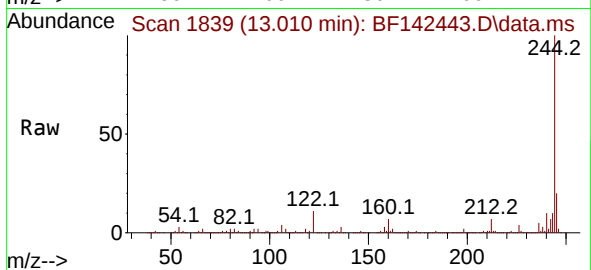
Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :



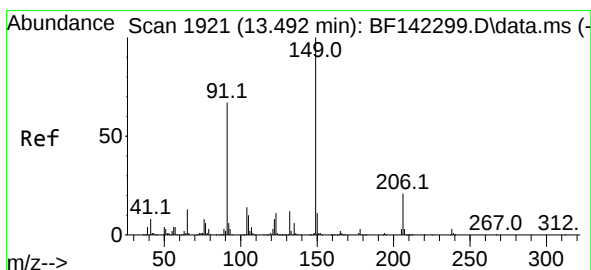
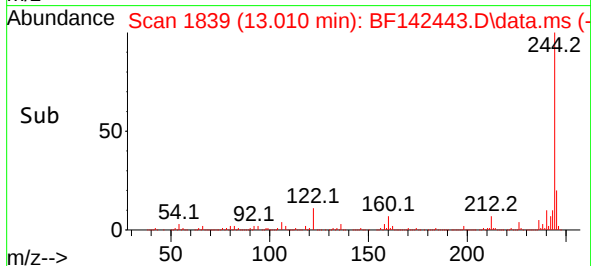
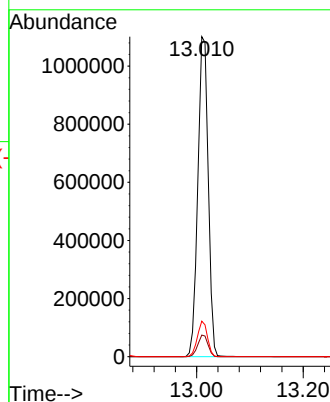
Tgt Ion:244 Resp: 1496317

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.360 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

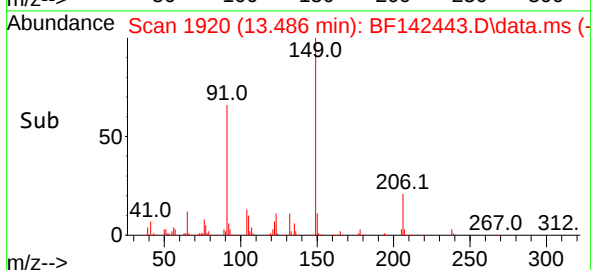
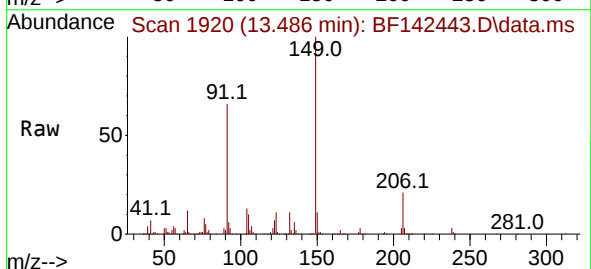
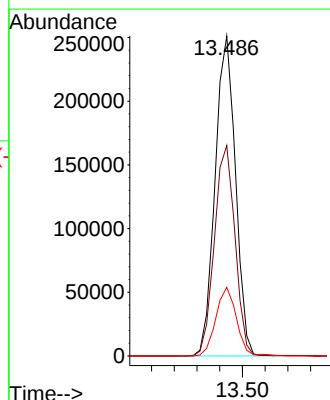
Tgt Ion:149 Resp: 313200

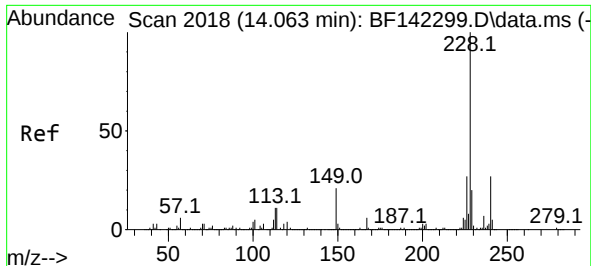
Ion Ratio Lower Upper

149 100

91 65.7 53.8 80.6

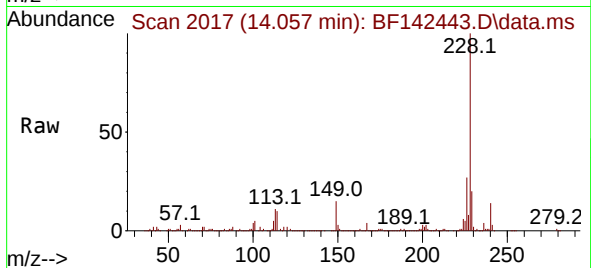
206 21.5 16.6 24.8



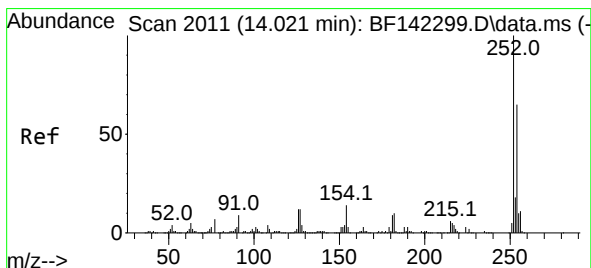
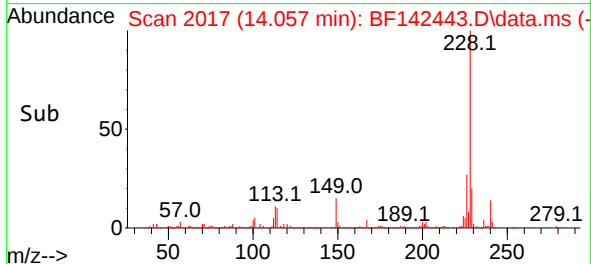
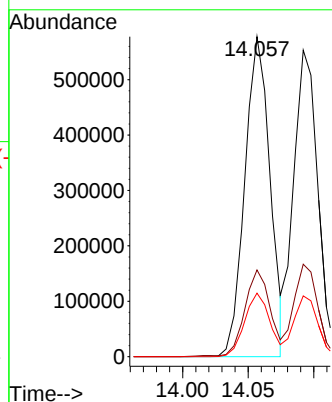


#81  
Benzo(a)anthracene  
Concen: 42.581 ng  
RT: 14.057 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Instrument :  
BNA\_F  
ClientSampleId :

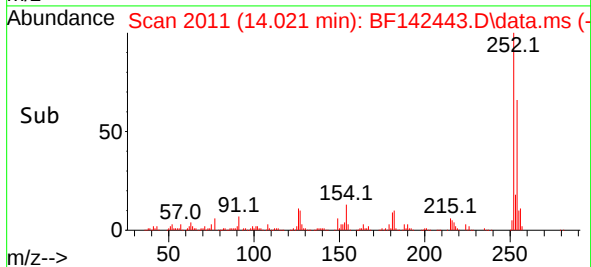
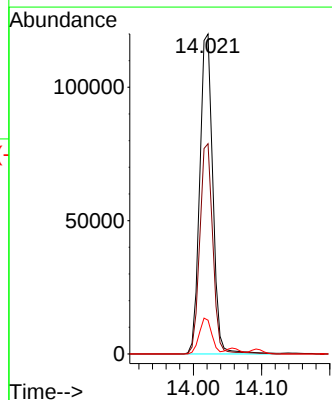
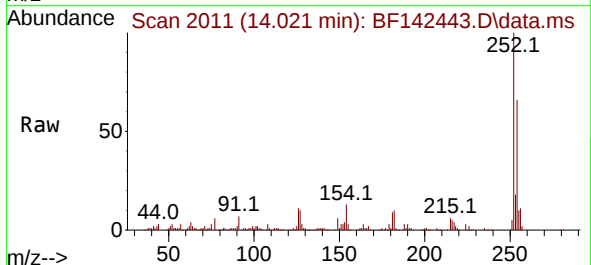


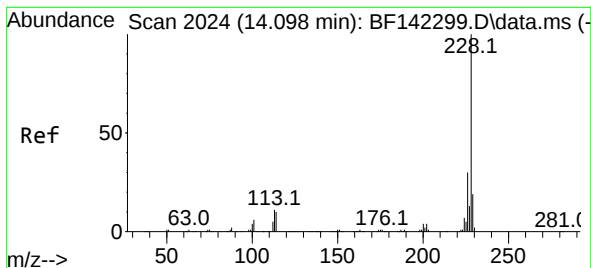
Tgt Ion:228 Resp: 773645  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.5 32.3  
229 19.9 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 37.894 ng  
RT: 14.021 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:252 Resp: 160108  
Ion Ratio Lower Upper  
252 100  
254 65.7 52.0 78.0  
126 10.6 9.7 14.5





#83

Chrysene

Concen: 41.740 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

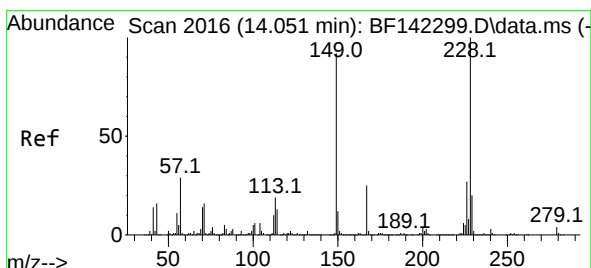
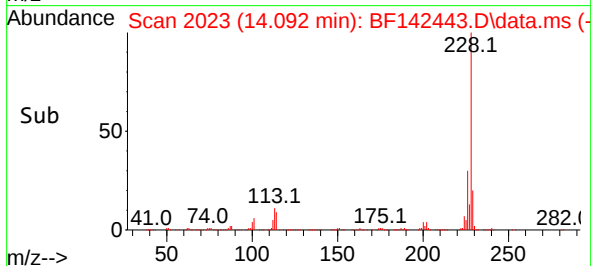
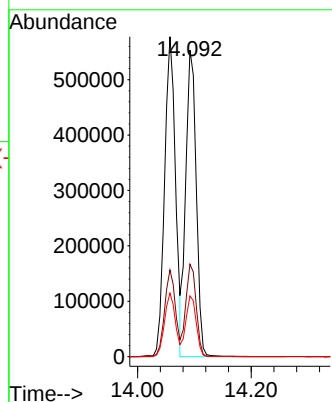
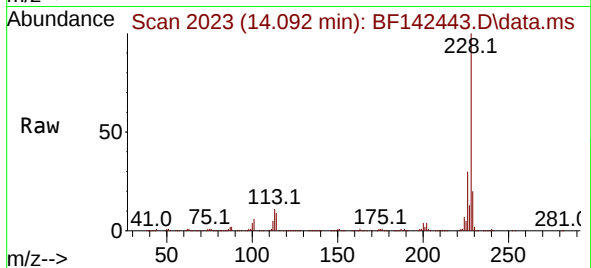
Tgt Ion:228 Resp: 705990

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.908 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

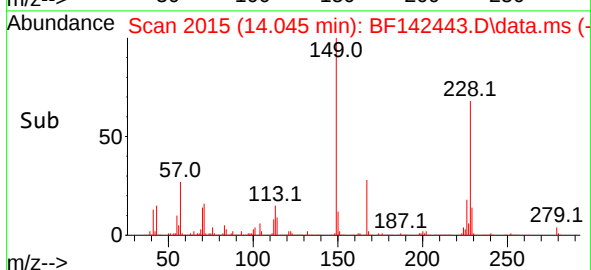
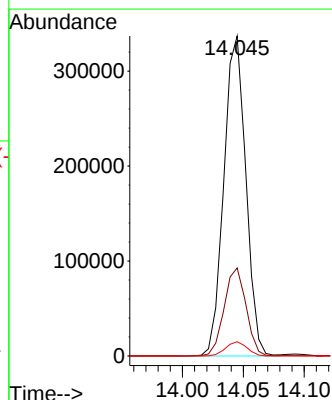
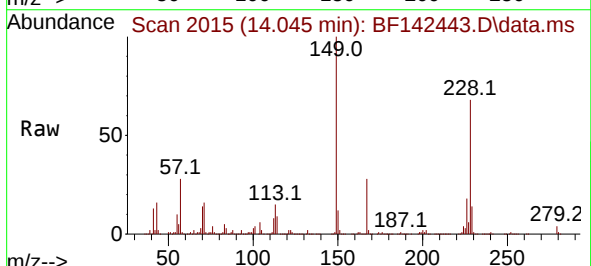
Tgt Ion:149 Resp: 423356

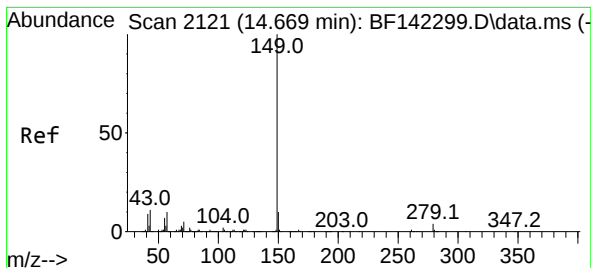
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.876 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

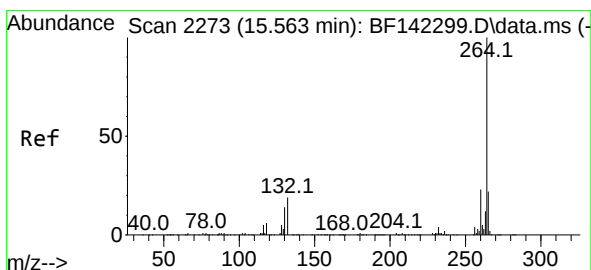
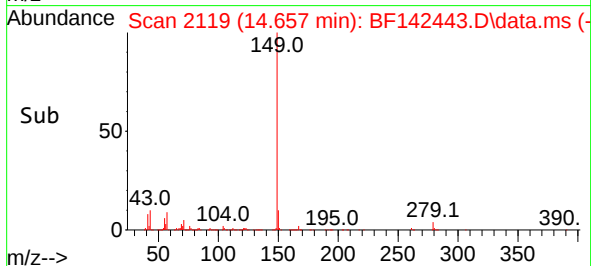
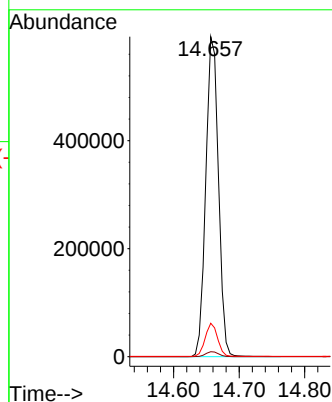
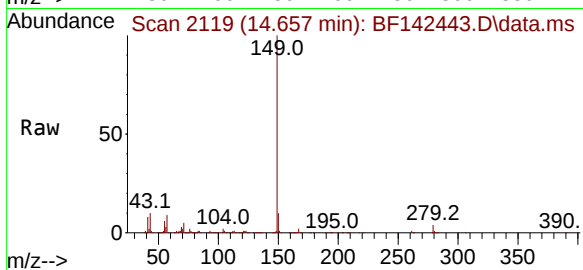
Tgt Ion:149 Resp: 798349

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

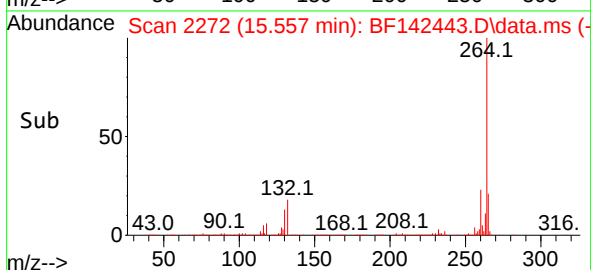
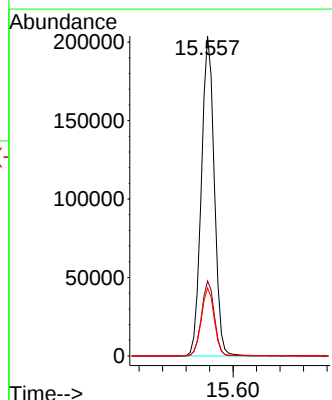
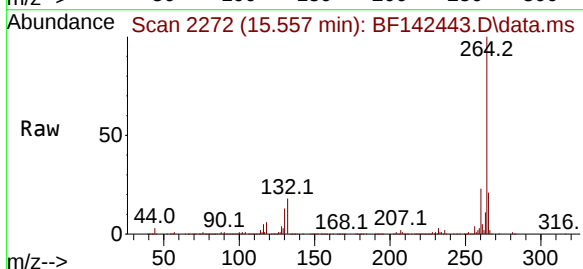
Tgt Ion:264 Resp: 310677

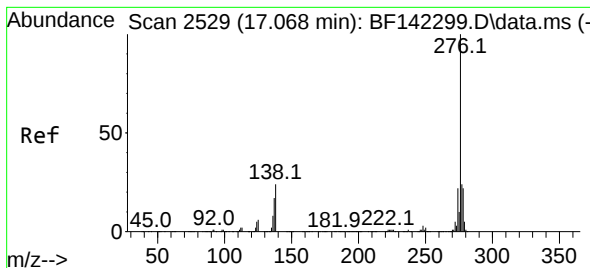
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.884 ng

RT: 17.068 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA\_F

ClientSampleId :

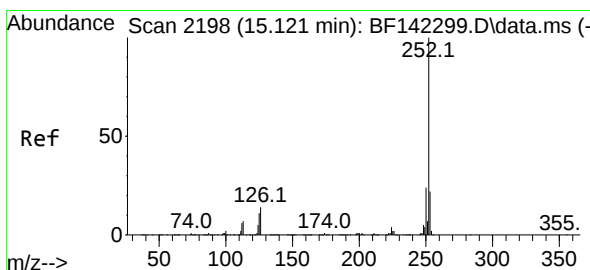
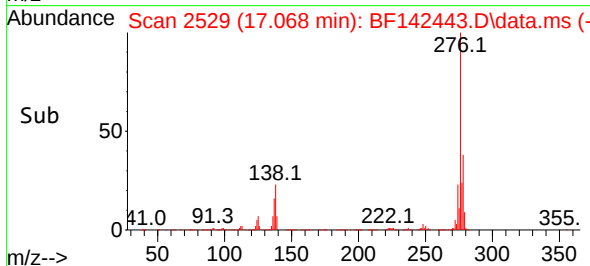
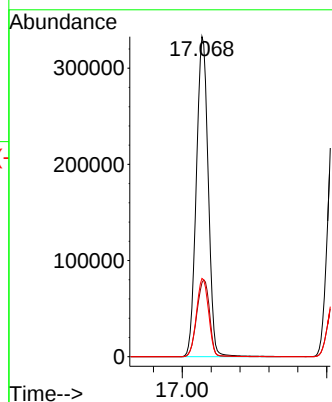
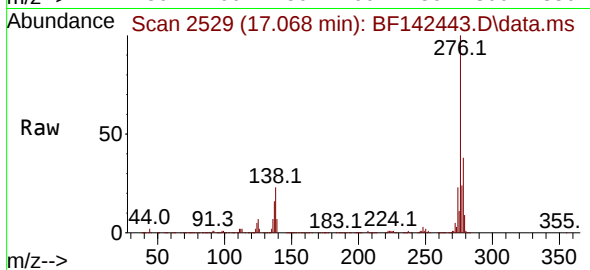
Tgt Ion:276 Resp: 948414

Ion Ratio Lower Upper

276 100

138 25.5 22.0 33.0

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.595 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

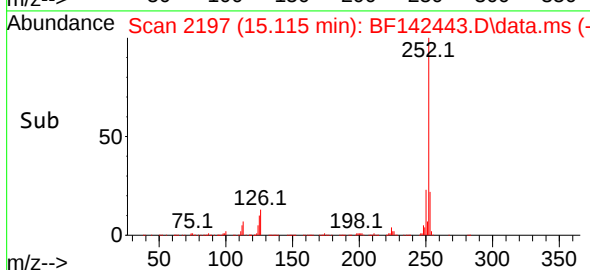
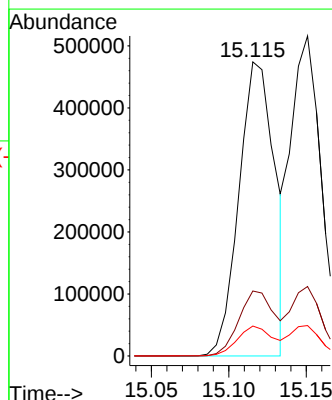
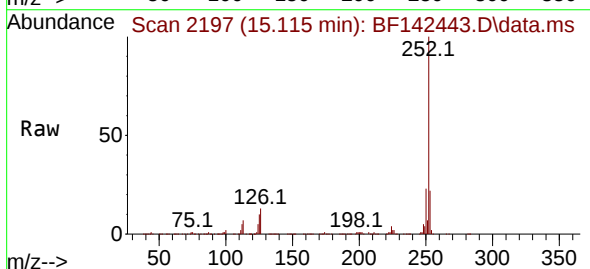
Tgt Ion:252 Resp: 763845

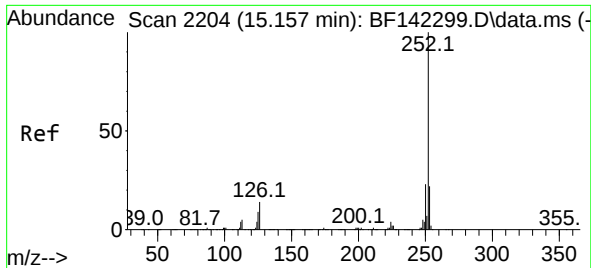
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 8.7 13.1

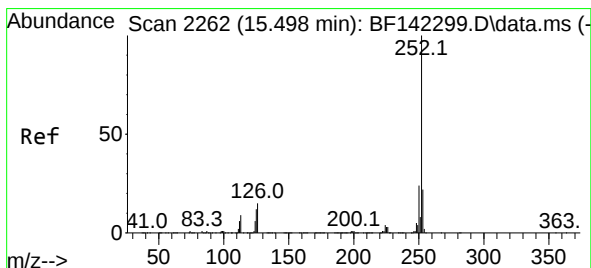
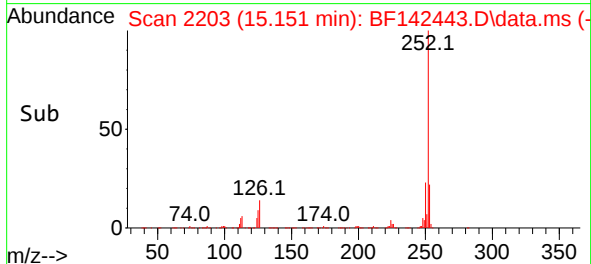
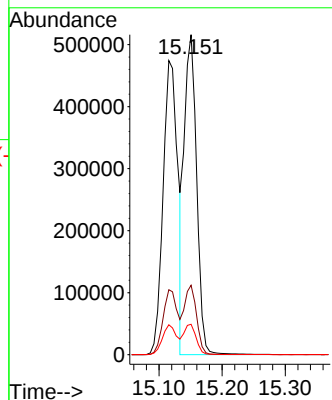
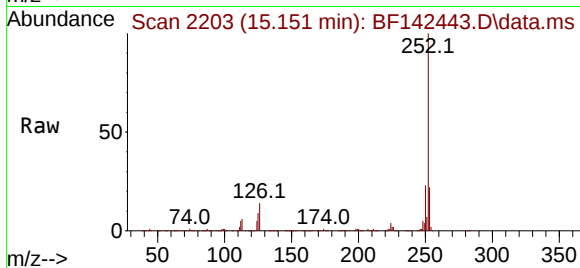




#89  
Benzo(k)fluoranthene  
Concen: 40.964 ng  
RT: 15.151 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

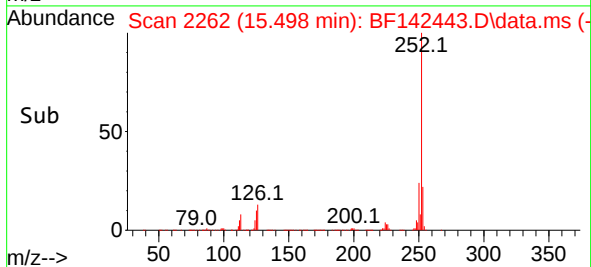
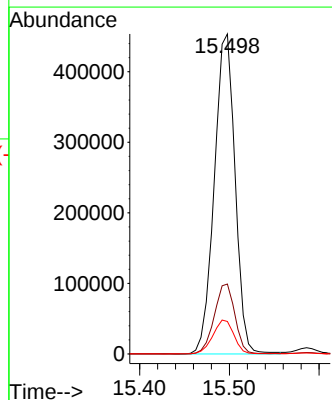
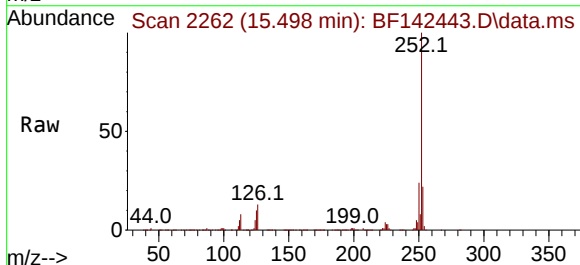
Instrument :  
BNA\_F  
ClientSampleId :

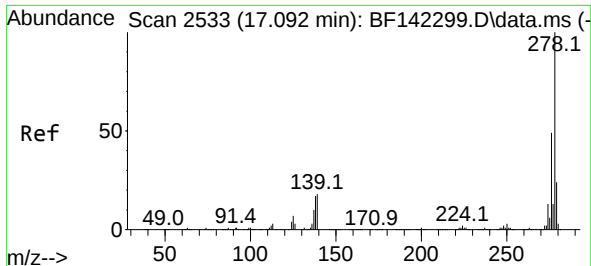
Tgt Ion:252 Resp: 705375  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 9.5 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 43.331 ng  
RT: 15.498 min Scan# 2262  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

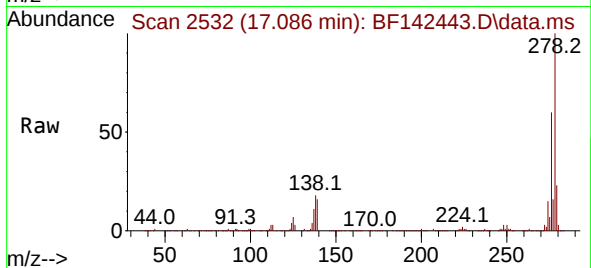
Tgt Ion:252 Resp: 730625  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 10.2 9.4 14.0



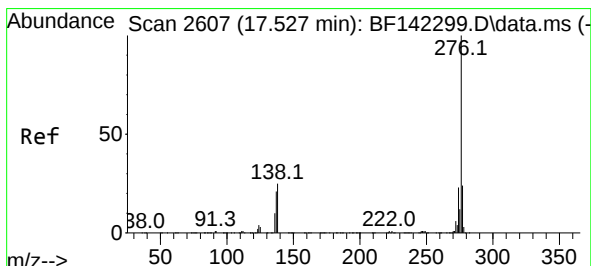
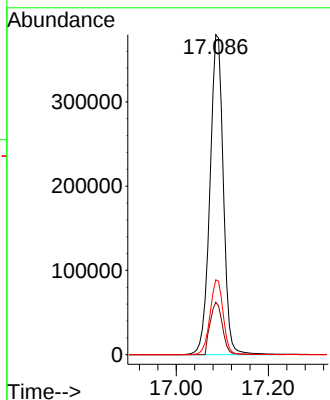
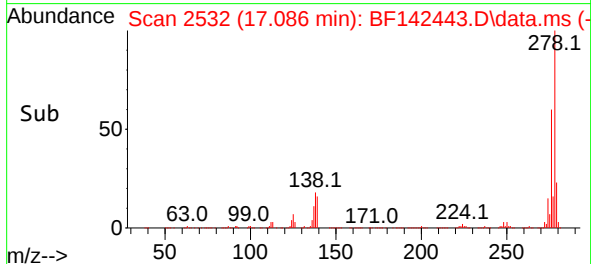


#91  
Dibenzo(a,h)anthracene  
Concen: 42.951 ng  
RT: 17.086 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 766863  
Ion Ratio Lower Upper  
278 100  
139 16.4 14.5 21.7  
279 23.4 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 42.862 ng  
RT: 17.527 min Scan# 2607  
Delta R.T. -0.000 min  
Lab File: BF142443.D  
Acq: 19 May 2025 11:07

Tgt Ion:276 Resp: 759540  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.6  
138 21.2 19.8 29.6

