

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051525\  
 Data File : BF142393.D  
 Acq On : 15 May 2025 15:41  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 15 16:19:04 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  | 168883   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.187  | 136  | 623039   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 317544   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 516450   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 271993   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 340967   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 838165   | 84.722 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.528  | 99   | 1002877  | 82.421 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 949216   | 92.915 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 284360   | 92.751 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 1792070  | 80.470 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 1361597  | 74.094 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 180160   | 40.439 | ng    | 97       |
| 3) Pyridine                   | 3.446  | 79   | 456467   | 43.641 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.399  | 42   | 238548   | 39.241 | ng    | 96       |
| 6) Aniline                    | 6.563  | 93   | 660334   | 55.328 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 454199   | 42.963 | ng    | 97       |
| 9) Benzaldehyde               | 6.451  | 77   | 275724   | 38.717 | ng    | 99       |
| 10) Phenol                    | 6.540  | 94   | 572545   | 44.390 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.640  | 93   | 416306   | 32.730 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 496437   | 41.046 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 496988   | 40.925 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 477620   | 40.975 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.040  | 79   | 358435   | 45.492 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 696666   | 36.678 | ng    | 99       |
| 17) 2-Methylphenol            | 7.151  | 107  | 350468   | 40.947 | ng    | 100      |
| 18) Hexachloroethane          | 7.416  | 117  | 171631   | 42.478 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 283363   | 37.649 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 429618   | 40.219 | ng    | 93       |
| 22) Acetophenone              | 7.310  | 105  | 560415   | 40.454 | ng    | 96       |
| 24) Nitrobenzene              | 7.487  | 77   | 433793   | 45.047 | ng    | 97       |
| 25) Isophorone                | 7.722  | 82   | 760467   | 39.310 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.798  | 139  | 238415   | 51.078 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 415588   | 42.728 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 480449   | 38.623 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 367397   | 44.430 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 393359   | 42.269 | ng    | 99       |
| 31) Naphthalene               | 8.210  | 128  | 1246638  | 41.285 | ng    | 99       |
| 32) Benzoic acid              | 7.934  | 122  | 245696   | 47.313 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 510900   | 41.464 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 235267   | 42.694 | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 110032   | 45.657 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 360205   | 41.905 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 756282   | 40.307 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 776467   | 39.704 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 379167   | 42.753 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 254231   | 46.384 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 263704   | 47.140 | ng    | 99       |

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 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

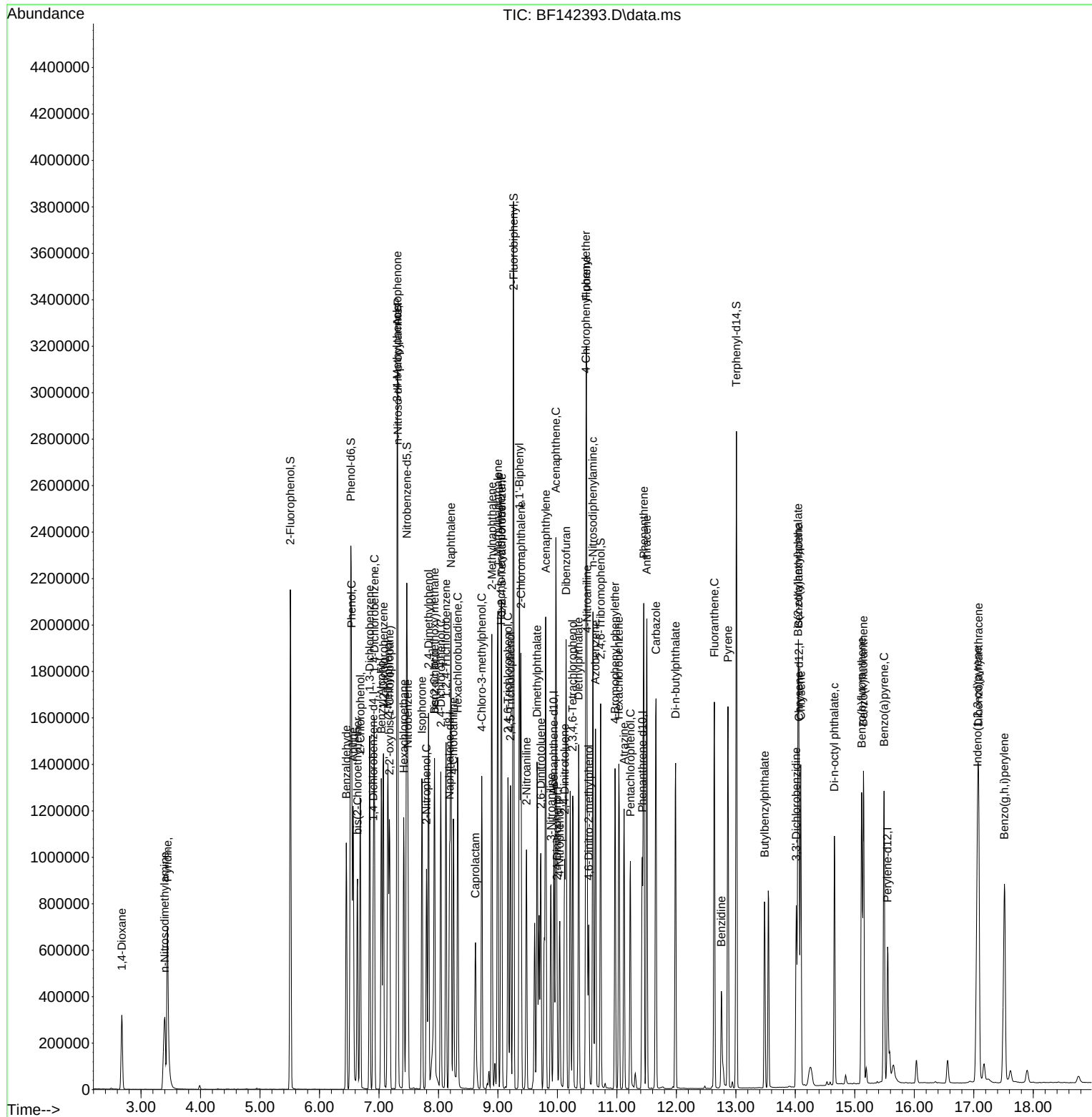
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 266454   | 44.766 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 1008454  | 41.419 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 746336   | 41.219 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.481  | 65   | 232479   | 50.091 | ng    | 93       |
| 49) Acenaphthylene            | 9.804  | 152  | 1247085  | 41.172 | ng    | 100      |
| 50) Dimethylphthalate         | 9.657  | 163  | 840051   | 41.198 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 187890   | 49.228 | ng    | 89       |
| 52) Acenaphthene              | 9.975  | 154  | 766625   | 42.093 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.892  | 138  | 216325   | 48.327 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 102104   | 53.899 | ng    | # 13     |
| 55) Dibenzofuran              | 10.145 | 168  | 1096260  | 40.785 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.039 | 139  | 166517   | 49.427 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 252920   | 51.661 | ng    | 93       |
| 58) Fluorene                  | 10.486 | 166  | 820037   | 39.977 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 224852   | 45.761 | ng    | 98       |
| 60) Diethylphthalate          | 10.357 | 149  | 801067   | 39.339 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 401230   | 40.543 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 183571   | 51.743 | ng    | 98       |
| 63) Azobenzene                | 10.639 | 77   | 743979   | 38.234 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 129683   | 52.989 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 730456   | 42.504 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 244539   | 41.779 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 274798   | 42.682 | ng    | 98       |
| 69) Atrazine                  | 11.122 | 200  | 199603   | 44.061 | ng    | 99       |
| 70) Pentachlorophenol         | 11.227 | 266  | 165787   | 48.948 | ng    | 97       |
| 71) Phenanthrene              | 11.451 | 178  | 1115558  | 41.209 | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 1132817  | 40.726 | ng    | 100      |
| 73) Carbazole                 | 11.657 | 167  | 992323   | 39.764 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 1006116  | 38.341 | ng    | 100      |
| 75) Fluoranthene              | 12.639 | 202  | 973939   | 35.991 | ng    | 99       |
| 77) Benzidine                 | 12.757 | 184  | 286571   | 57.977 | ng    | 98       |
| 78) Pyrene                    | 12.869 | 202  | 951146   | 39.287 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 275909   | 39.733 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 748759   | 42.508 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 246699   | 60.226 | ng    | 98       |
| 83) Chrysene                  | 14.092 | 228  | 657195   | 40.078 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 360103   | 39.920 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 727339   | 44.523 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 1009986  | 42.582 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 853236   | 41.317 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 701372   | 37.113 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 784416   | 42.388 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 814409   | 41.561 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 818684   | 42.095 | ng    | 98       |

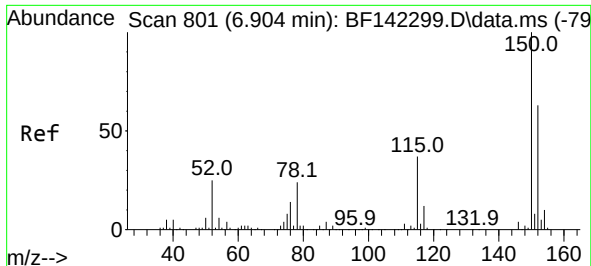
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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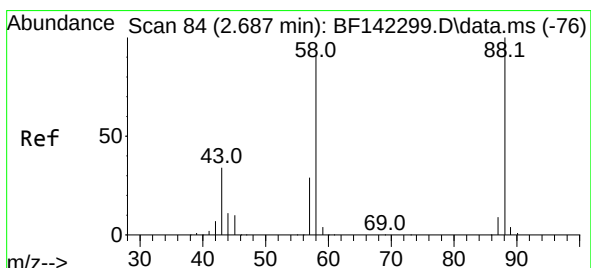
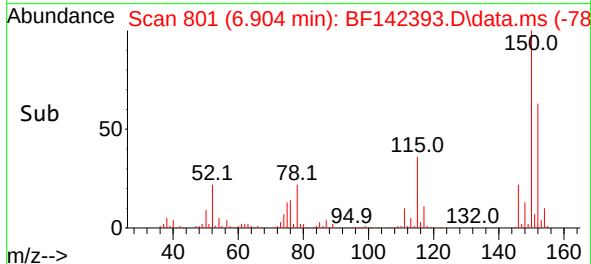
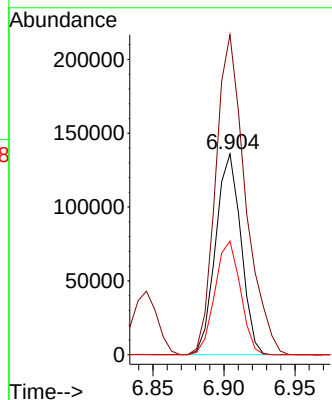
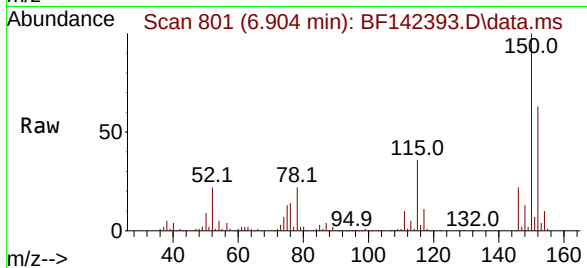




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

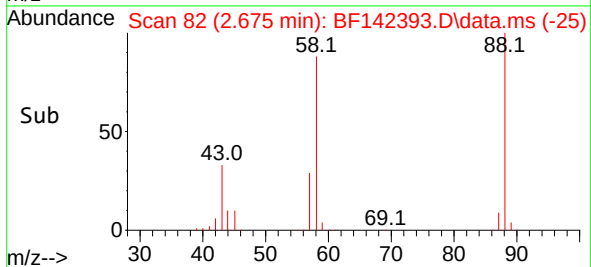
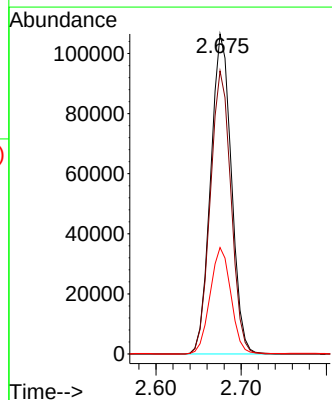
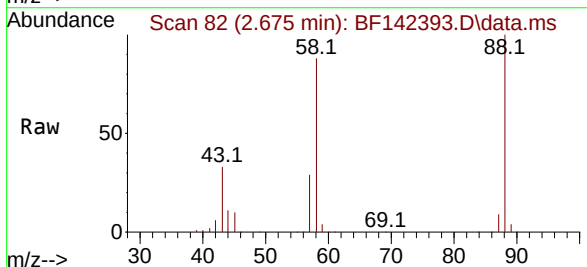
Instrument :  
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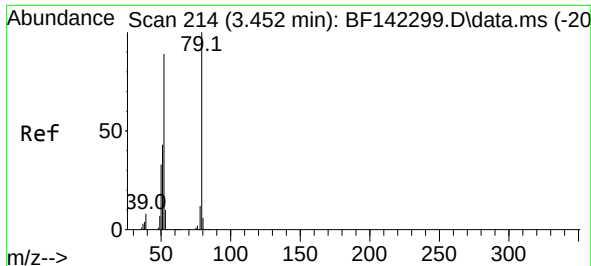
Tgt Ion:152 Resp: 168883  
 Ion Ratio Lower Upper  
 152 100  
 150 159.3 126.6 190.0  
 115 56.6 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 40.439 ng  
 RT: 2.675 min Scan# 82  
 Delta R.T. -0.012 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

Tgt Ion: 88 Resp: 180160  
 Ion Ratio Lower Upper  
 88 100  
 58 87.9 73.0 109.4  
 43 33.6 27.8 41.6

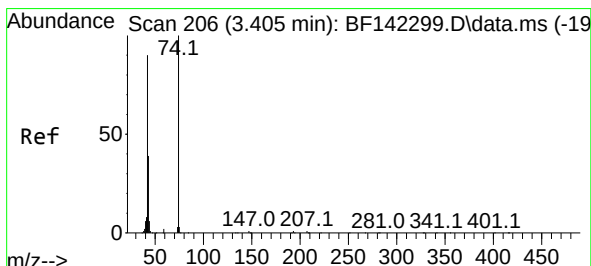
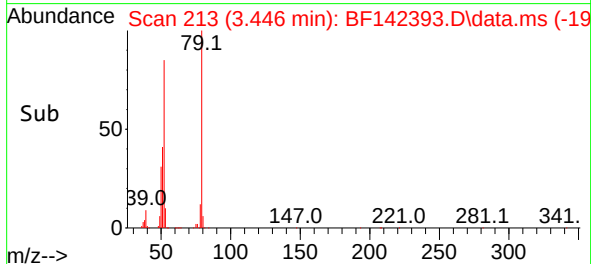
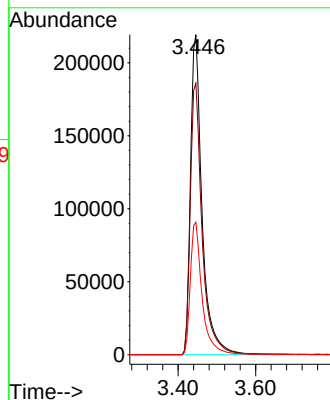
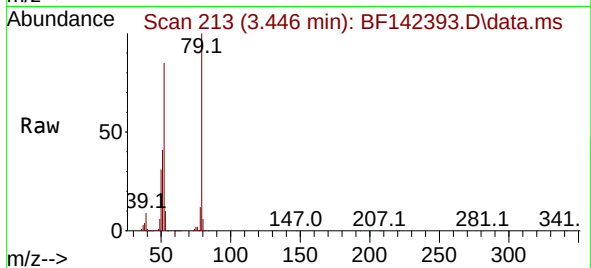




#3  
Pyridine  
Concen: 43.641 ng  
RT: 3.446 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

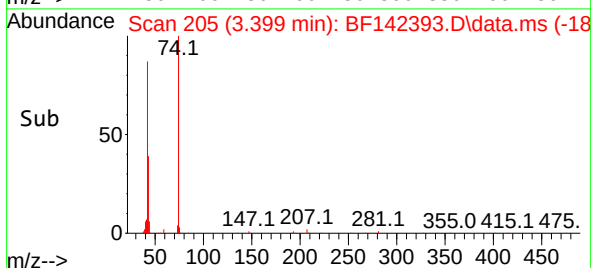
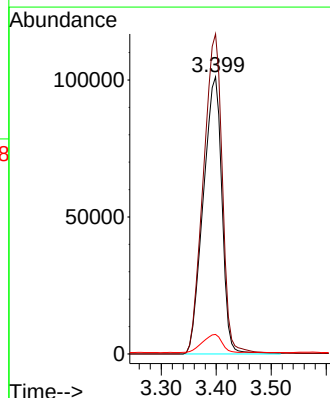
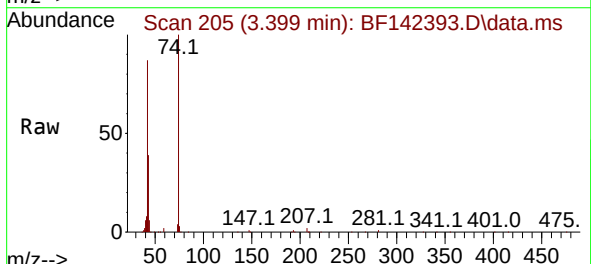
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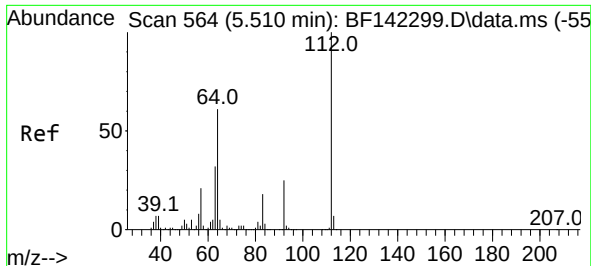
Tgt Ion: 79 Resp: 456467  
Ion Ratio Lower Upper  
79 100  
52 84.8 71.0 106.4  
51 41.4 34.9 52.3



#4  
n-Nitrosodimethylamine  
Concen: 39.241 ng  
RT: 3.399 min Scan# 205  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion: 42 Resp: 238548  
Ion Ratio Lower Upper  
42 100  
74 115.5 88.5 132.7  
44 7.0 5.8 8.8

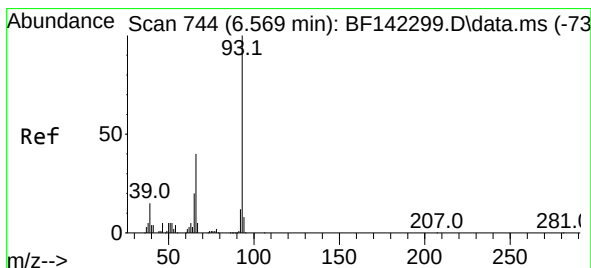
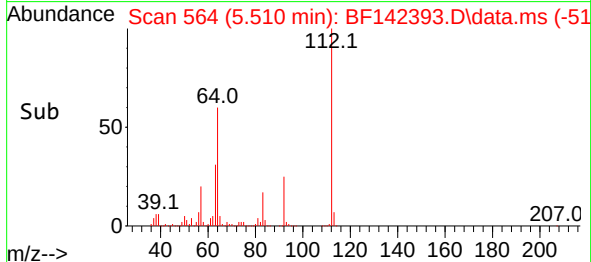
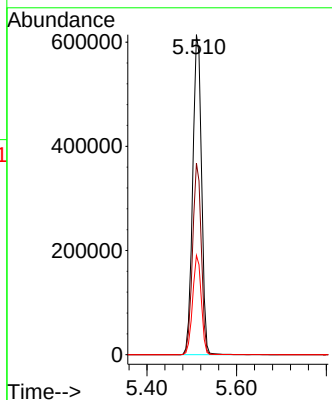
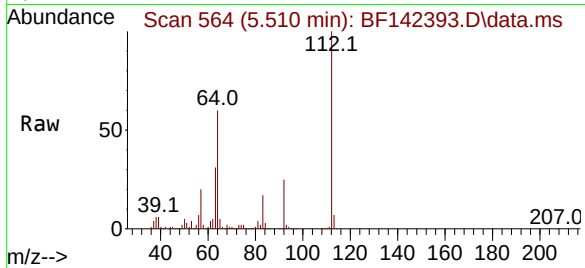




#5  
2-Fluorophenol  
Concen: 84.722 ng  
RT: 5.510 min Scan# 501  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

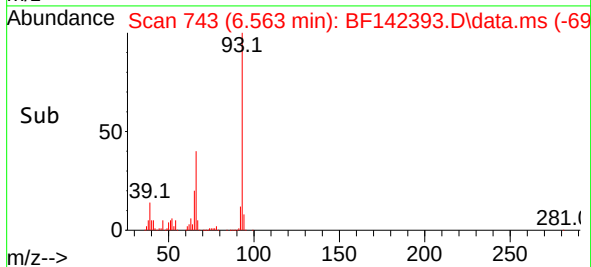
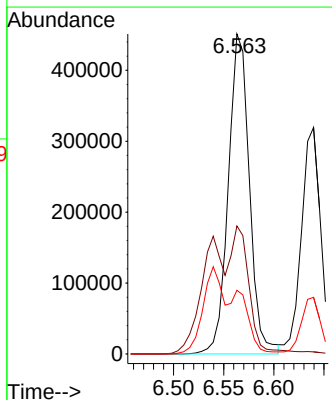
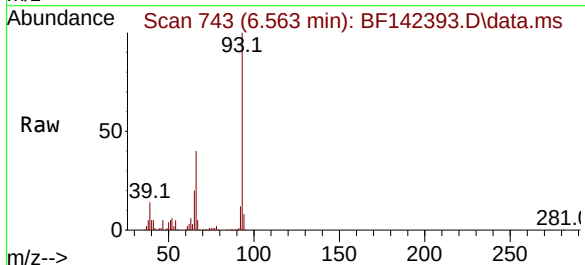
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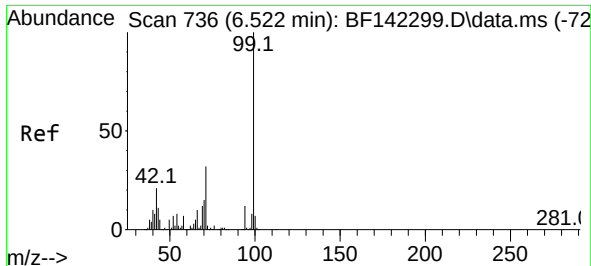
Tgt Ion:112 Resp: 838165  
Ion Ratio Lower Upper  
112 100  
64 59.8 48.9 73.3  
63 31.0 25.6 38.4



#6  
Aniline  
Concen: 55.328 ng  
RT: 6.563 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion: 93 Resp: 660334  
Ion Ratio Lower Upper  
93 100  
66 40.0 32.2 48.4  
65 19.9 16.3 24.5

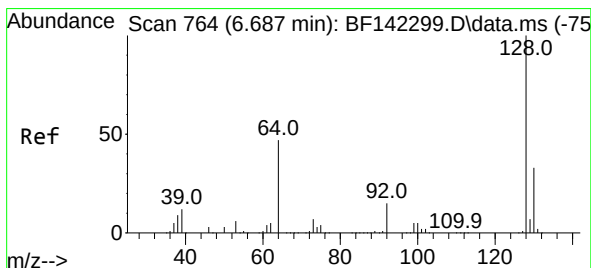
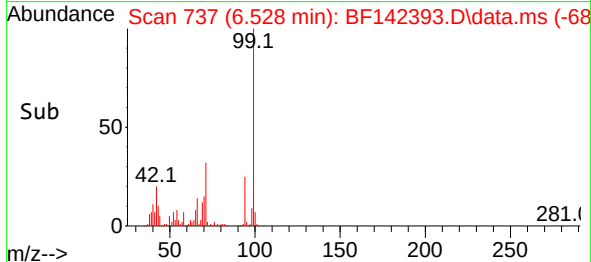
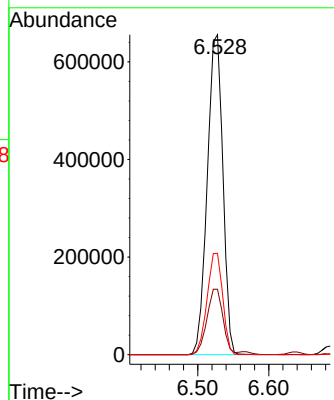
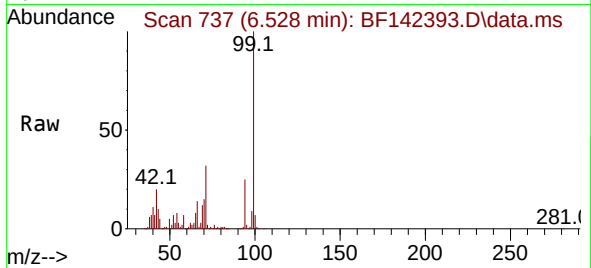




#7  
Phenol-d6  
Concen: 82.421 ng  
RT: 6.528 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

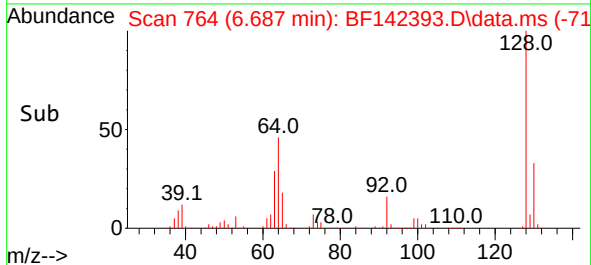
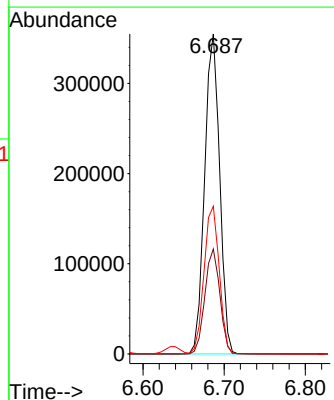
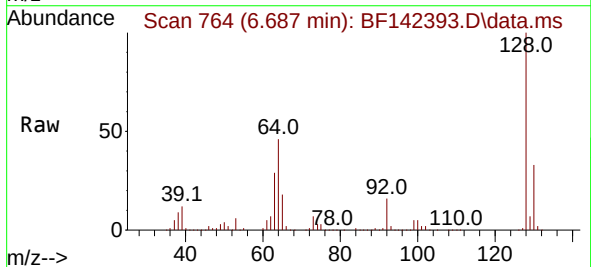
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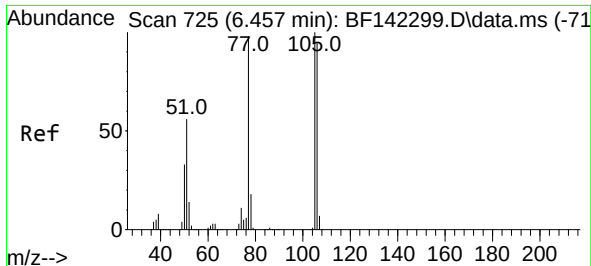
Tgt Ion: 99 Resp: 1002877  
Ion Ratio Lower Upper  
99 100  
42 20.5 17.0 25.4  
71 31.7 25.8 38.8



#8  
2-Chlorophenol  
Concen: 42.963 ng  
RT: 6.687 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
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Tgt Ion:128 Resp: 454199  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.7 52.7  
64 46.2 29.2 69.2

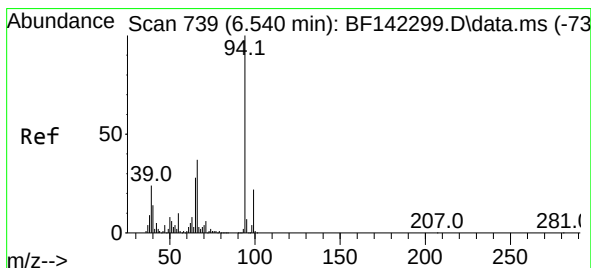
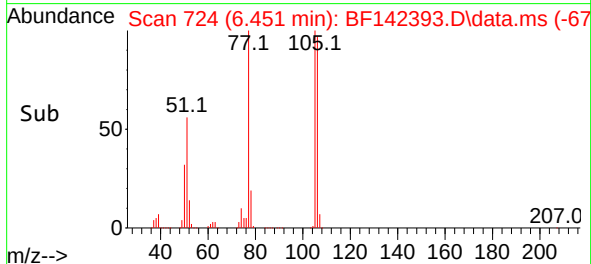
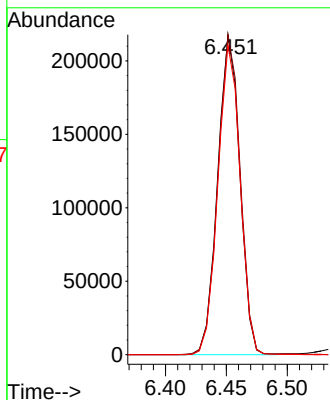
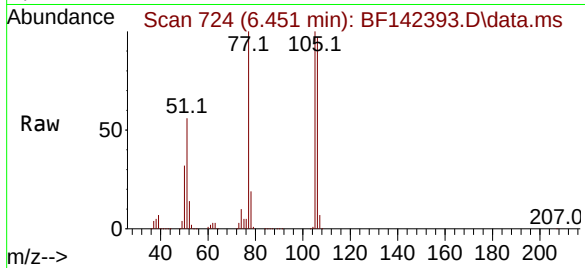




#9  
Benzaldehyde  
Concen: 38.717 ng  
RT: 6.451 min Scan# 724  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

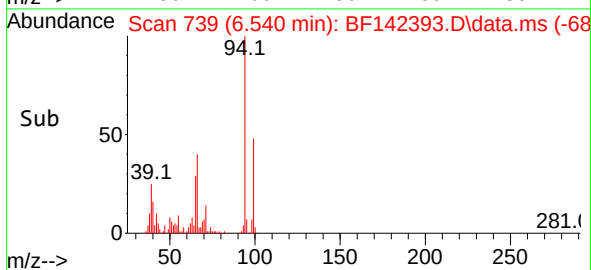
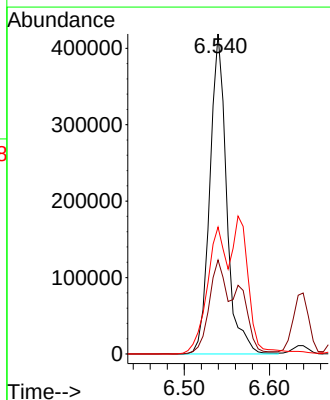
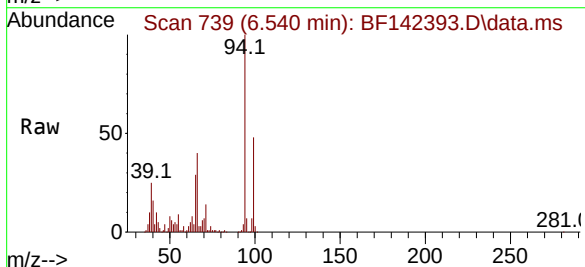
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 275724  
Ion Ratio Lower Upper  
77 100  
105 100.1 82.0 122.0  
106 96.7 77.2 117.2

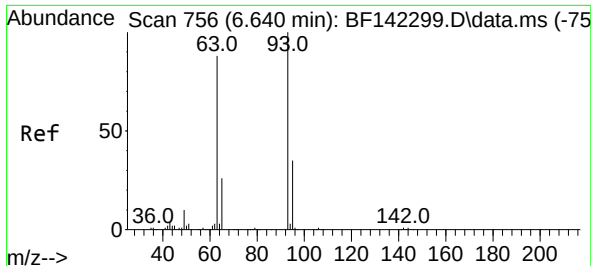


#10  
Phenol  
Concen: 44.390 ng  
RT: 6.540 min Scan# 739  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion: 94 Resp: 572545  
Ion Ratio Lower Upper  
94 100  
65 29.4 8.5 48.5  
66 39.6 17.3 57.3







#11

bis(2-Chloroethyl)ether

Concen: 32.730 ng

RT: 6.640 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

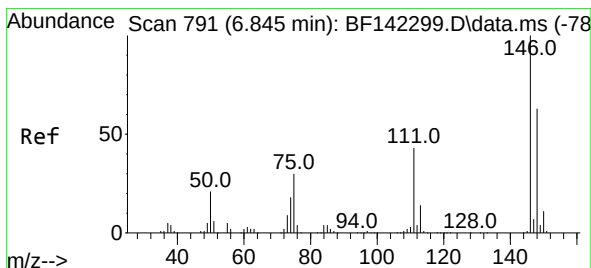
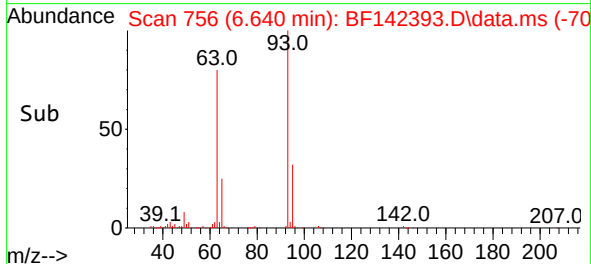
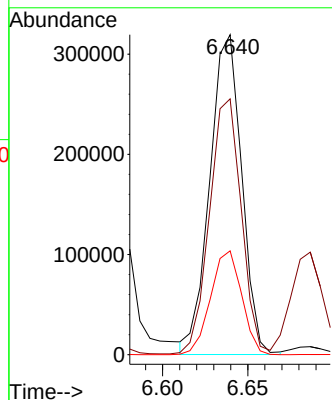
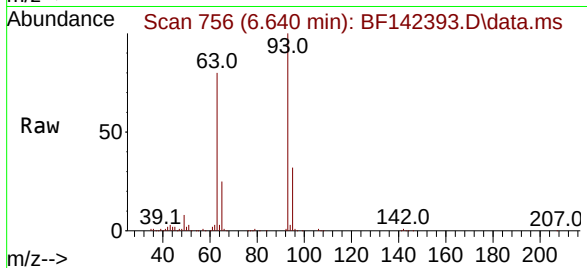
Tgt Ion: 93 Resp: 416306

Ion Ratio Lower Upper

93 100

63 79.9 58.4 98.4

95 32.5 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 41.046 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

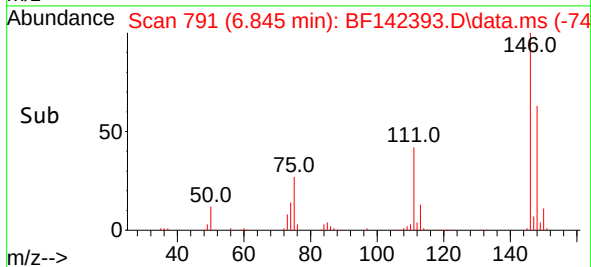
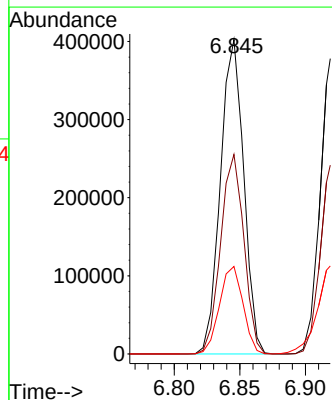
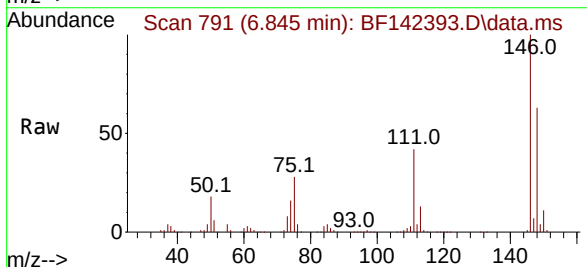
Tgt Ion:146 Resp: 496437

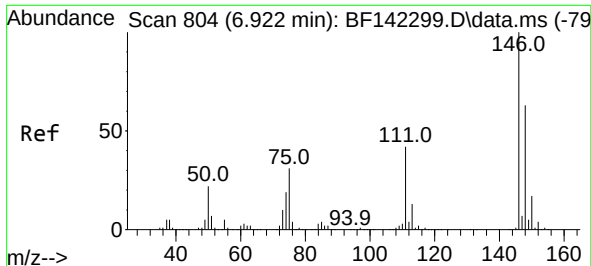
Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

75 27.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.925 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

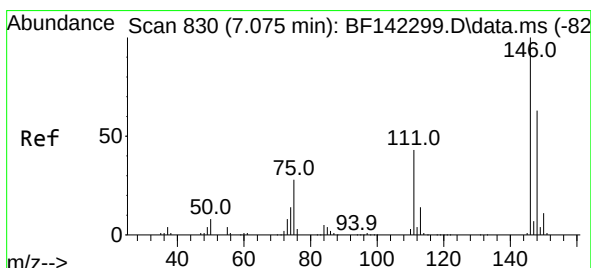
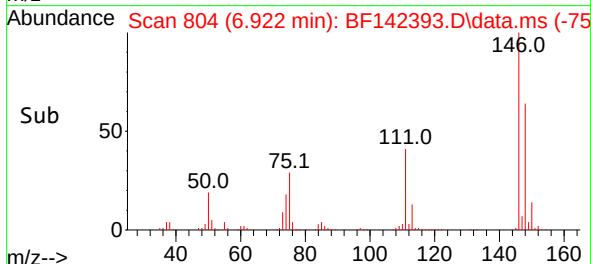
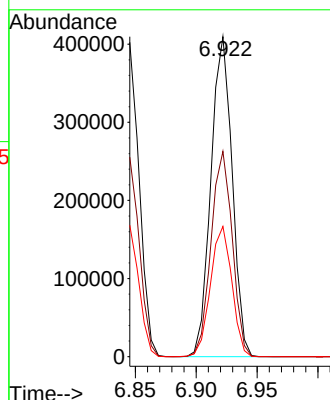
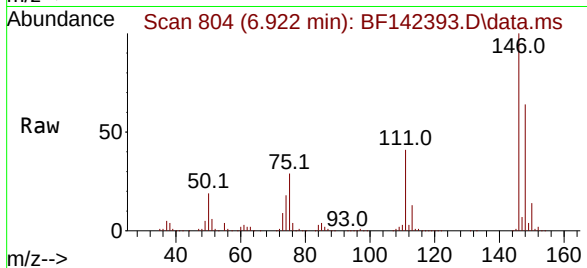
Tgt Ion:146 Resp: 496988

Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

111 40.7 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 40.975 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

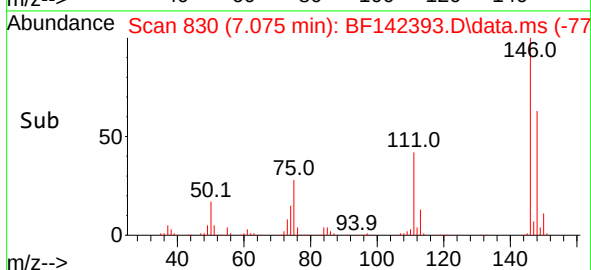
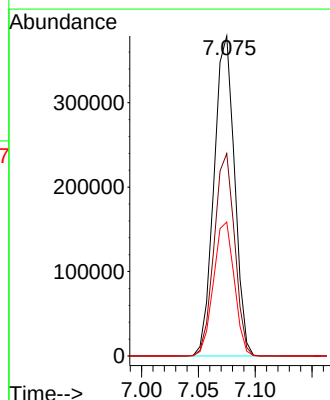
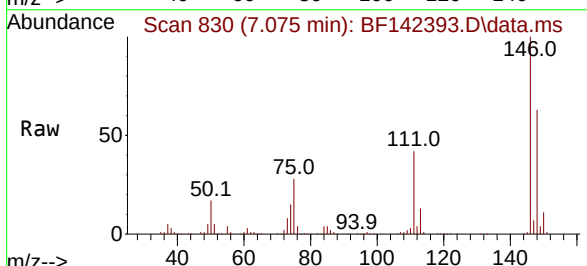
Tgt Ion:146 Resp: 477620

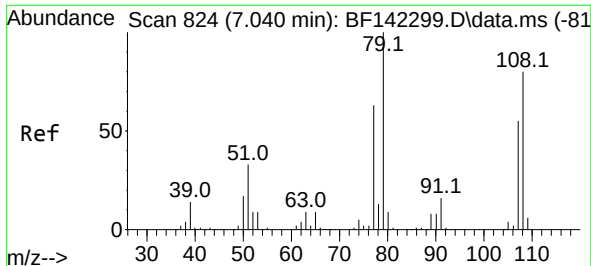
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 41.9 34.5 51.7

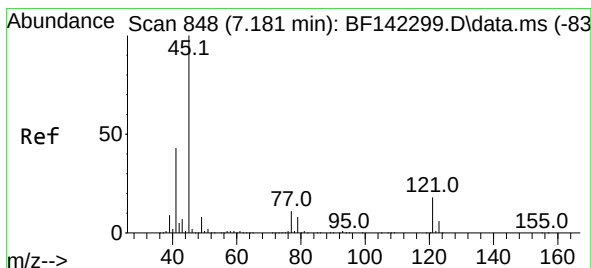
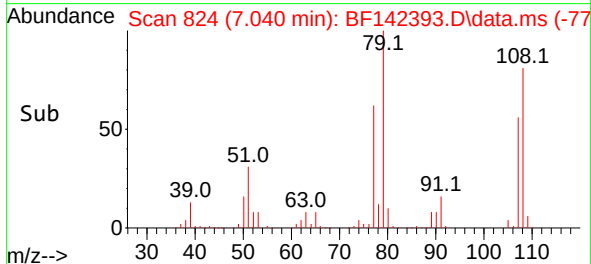
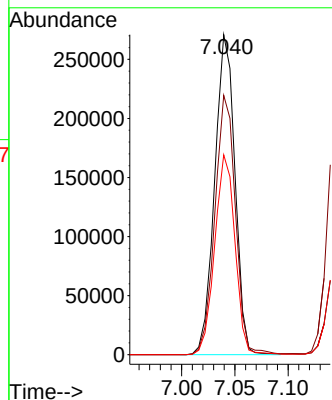
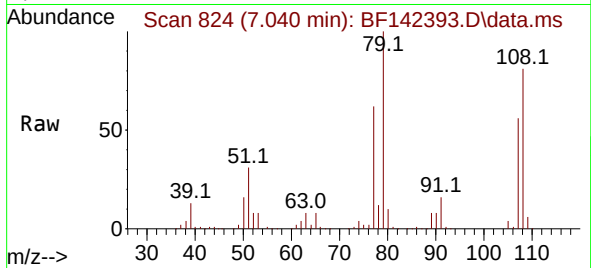




#15  
Benzyl Alcohol  
Concen: 45.492 ng  
RT: 7.040 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

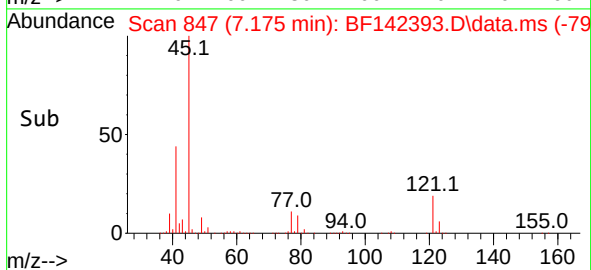
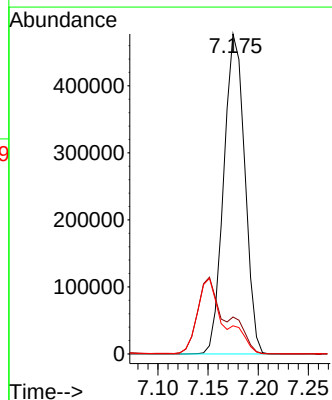
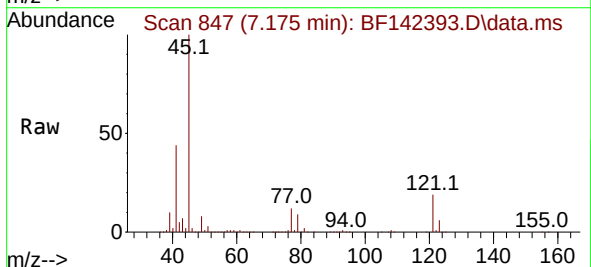
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

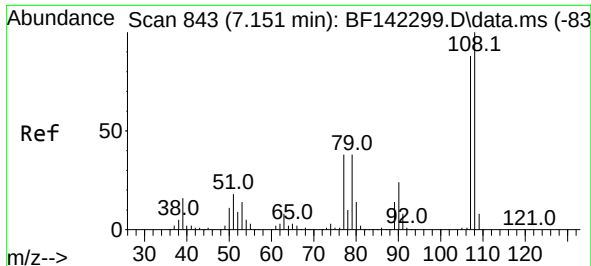
Tgt Ion: 79 Resp: 358435  
Ion Ratio Lower Upper  
79 100  
108 81.0 63.9 95.9  
77 62.5 50.7 76.1



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.678 ng  
RT: 7.175 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion: 45 Resp: 696666  
Ion Ratio Lower Upper  
45 100  
77 11.5 0.0 31.2  
79 8.8 0.0 28.5

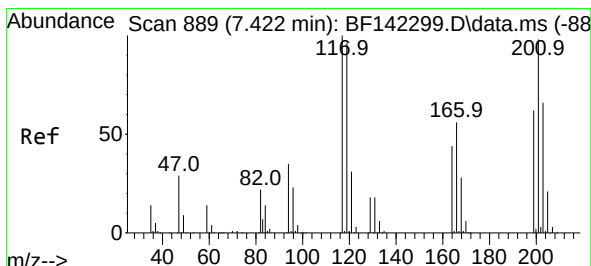
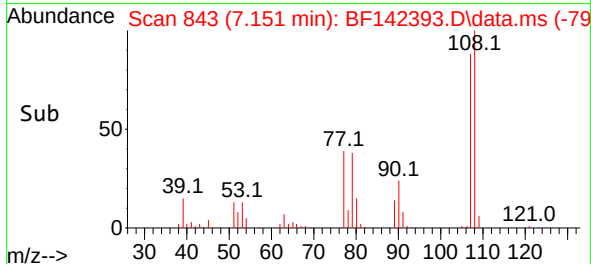
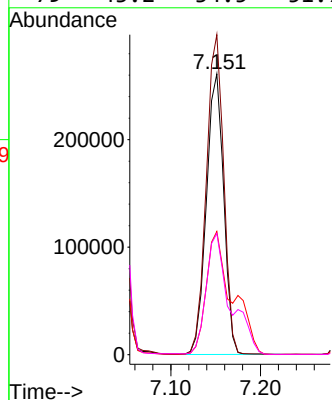
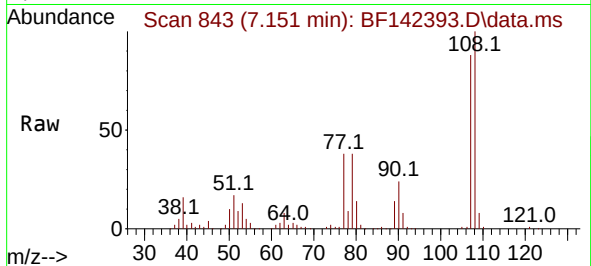




#17  
2-Methylphenol  
Concen: 40.947 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

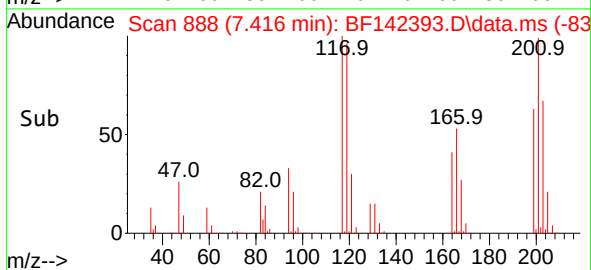
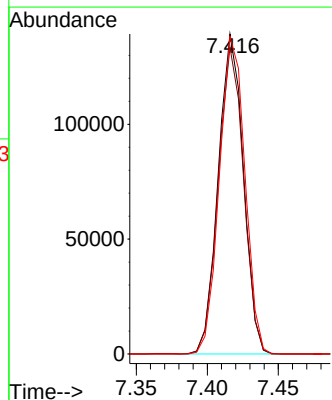
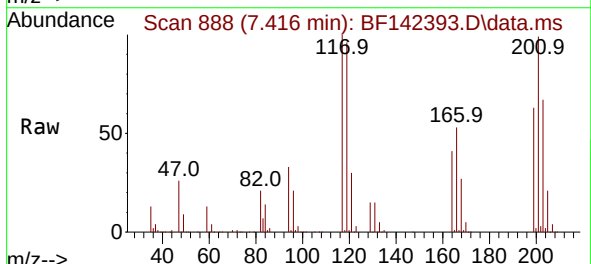
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

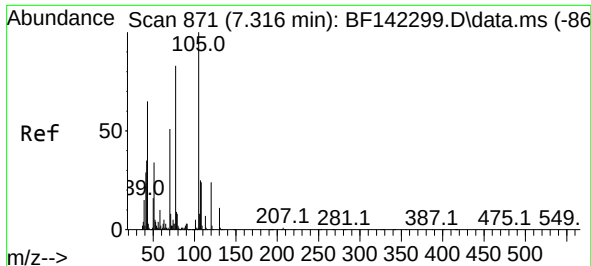
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 350468 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.0 | 91.1  | 136.7  |
| 77       | 43.9  | 34.7  | 52.1   |
| 79       | 43.2  | 34.5  | 51.7   |



#18  
Hexachloroethane  
Concen: 42.478 ng  
RT: 7.416 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 171631 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.9  | 76.9  | 115.3  |
| 201      | 99.3  | 78.0  | 117.0  |

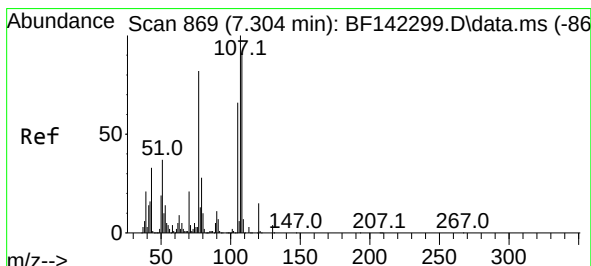
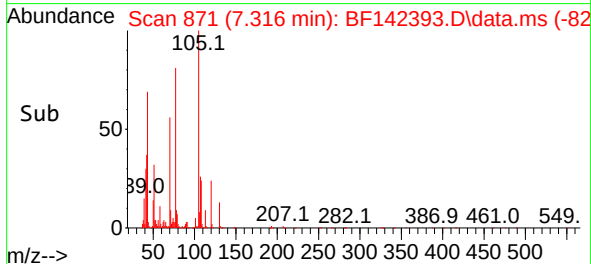
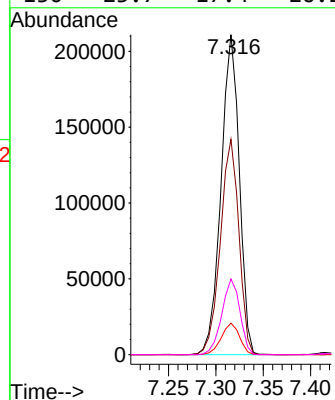
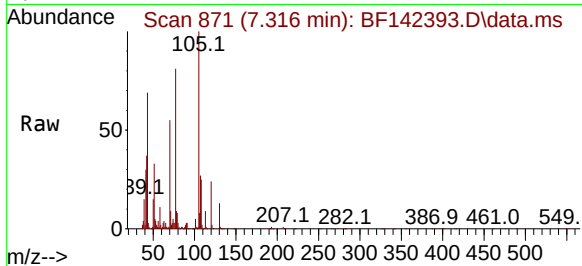




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.649 ng  
RT: 7.316 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

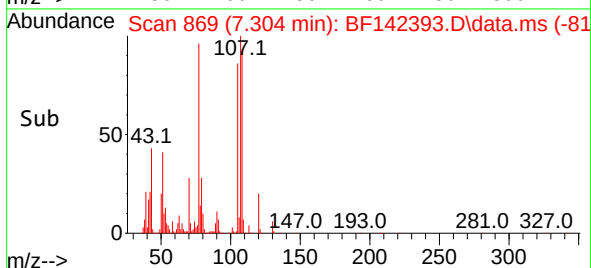
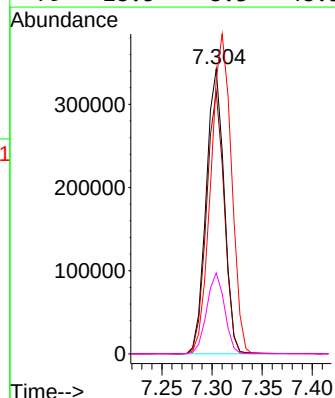
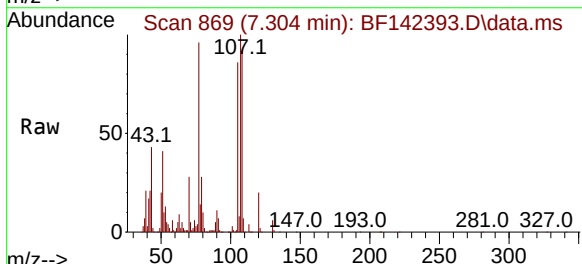
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

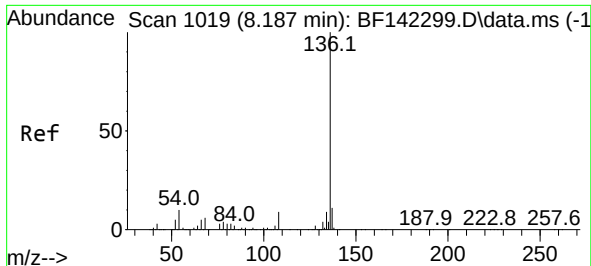
Tgt Ion: 70 Resp: 283363  
Ion Ratio Lower Upper  
70 100  
42 67.3 54.8 82.2  
101 9.9 7.7 11.5  
130 23.7 17.4 26.2



#20  
3+4-Methylphenols  
Concen: 40.219 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion: 107 Resp: 429618  
Ion Ratio Lower Upper  
107 100  
108 92.0 71.5 111.5  
77 96.4 61.6 101.6  
79 28.5 8.3 48.3



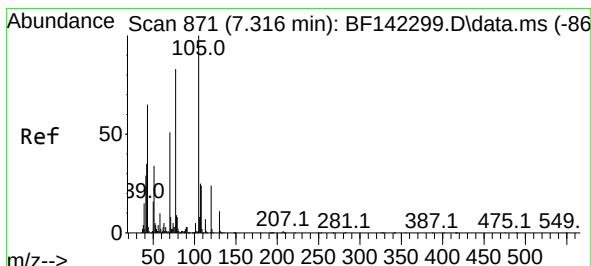
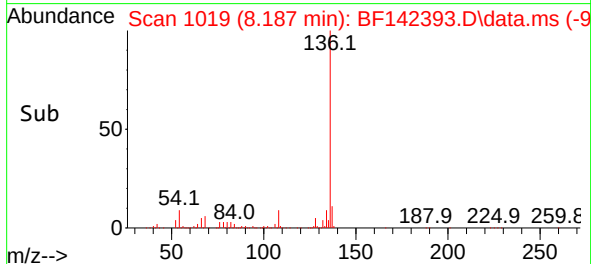
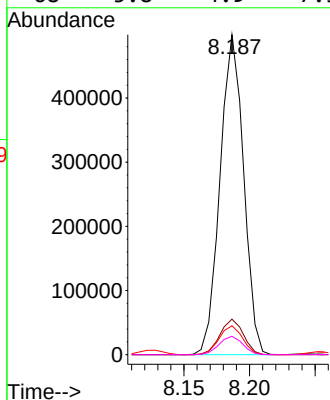
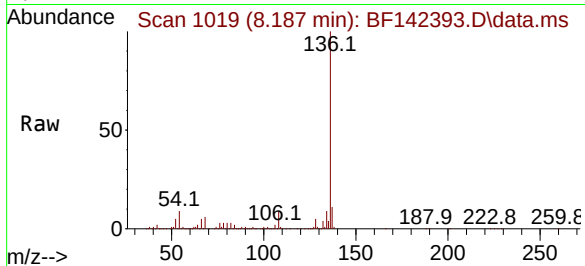


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 623039

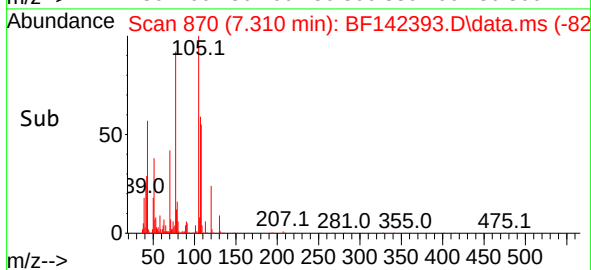
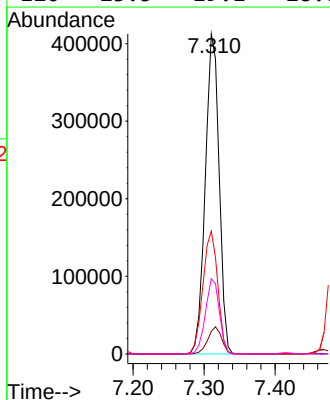
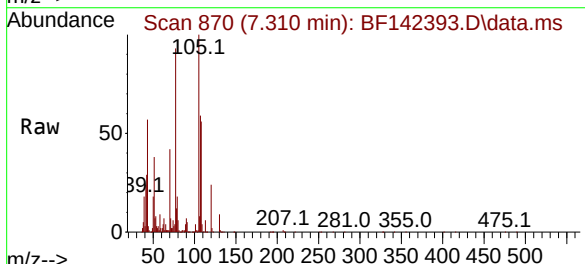
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.9   | 13.3  |
| 54  | 9.0   | 7.7   | 11.5  |
| 68  | 5.8   | 4.9   | 7.3   |

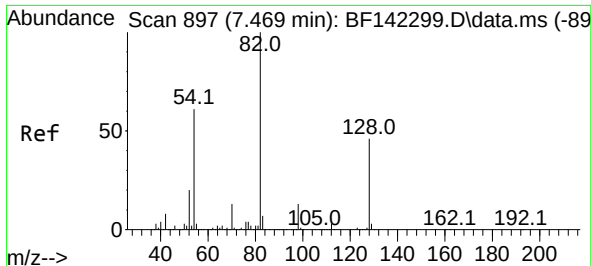


#22  
Acetophenone  
Concen: 40.454 ng  
RT: 7.310 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:105 Resp: 560415

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.0   | 6.7   | 10.1  |
| 51  | 38.4  | 27.6  | 41.4  |
| 120 | 23.5  | 19.1  | 28.7  |





#23

Nitrobenzene-d5

Concen: 92.915 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

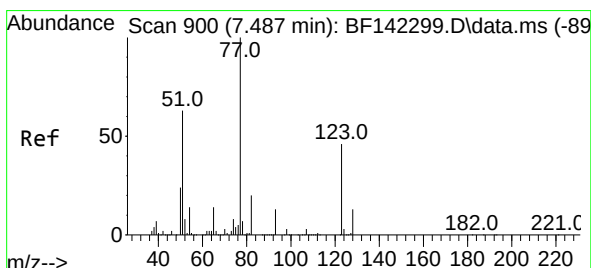
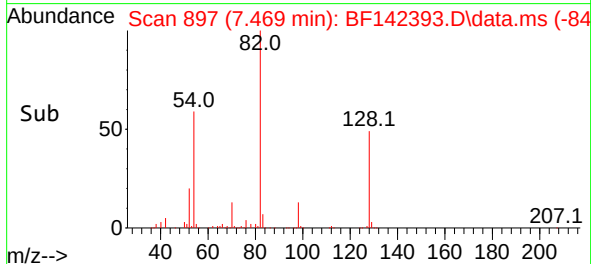
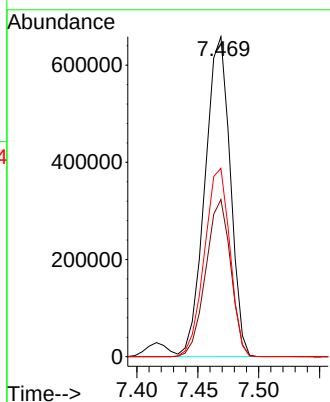
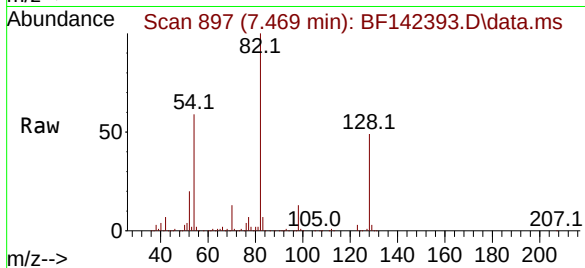
Tgt Ion: 82 Resp: 949216

Ion Ratio Lower Upper

82 100

128 49.1 37.0 55.6

54 58.8 48.6 73.0



#24

Nitrobenzene

Concen: 45.047 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

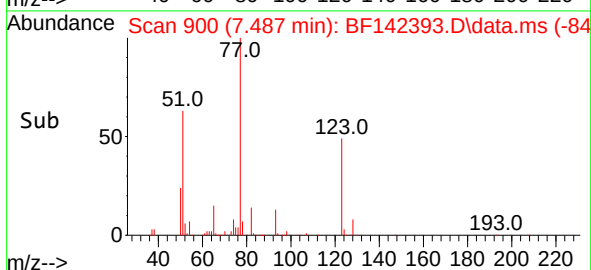
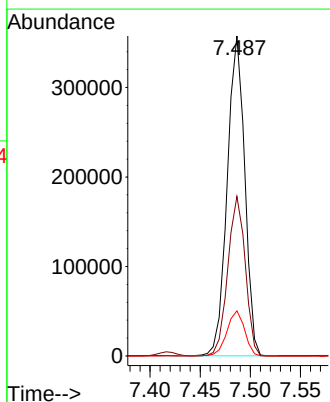
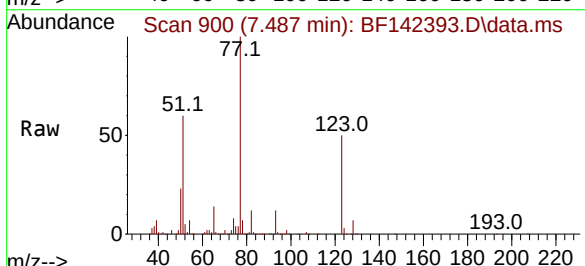
Tgt Ion: 77 Resp: 433793

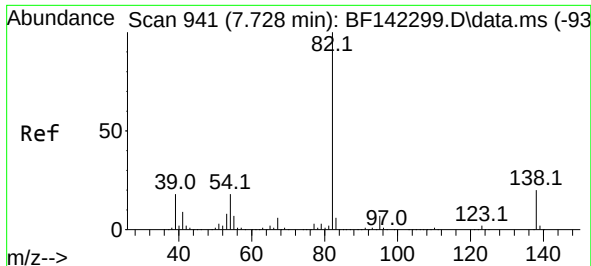
Ion Ratio Lower Upper

77 100

123 49.9 37.8 56.8

65 14.1 11.4 17.0

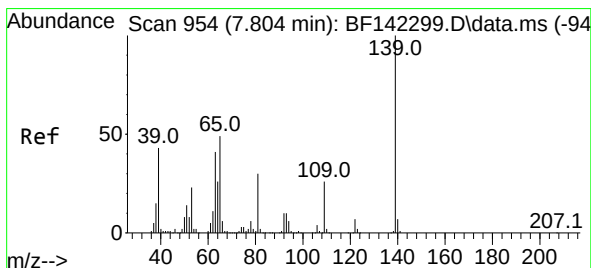
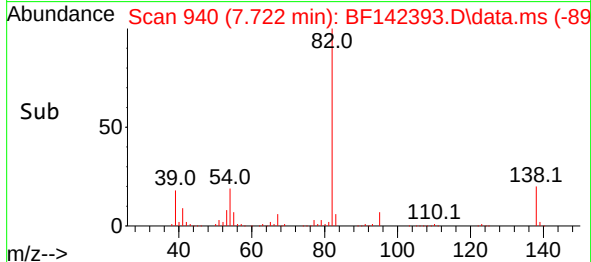
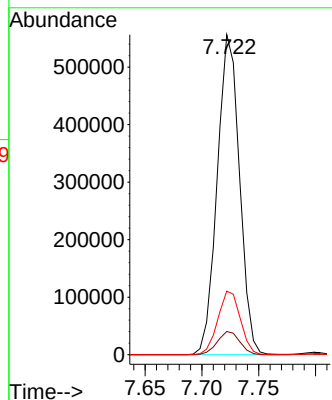
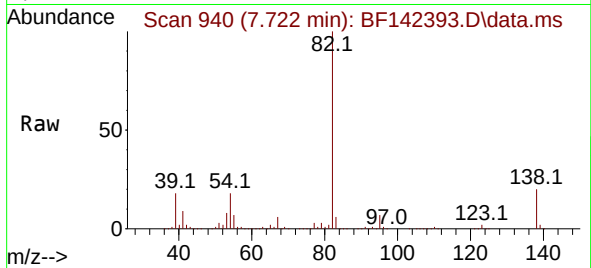




#25  
Isophorone  
Concen: 39.310 ng  
RT: 7.722 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

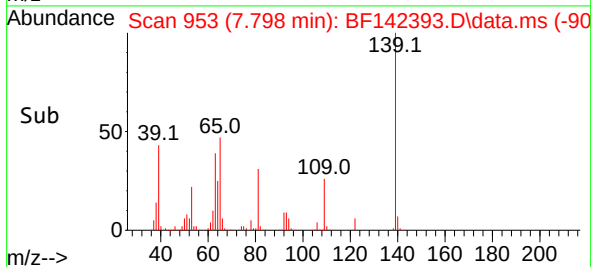
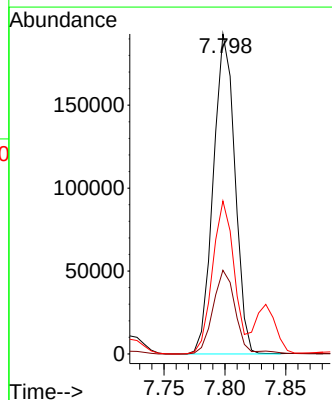
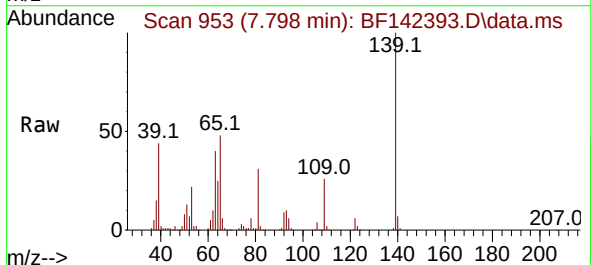
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 760467  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 19.9 16.1 24.1

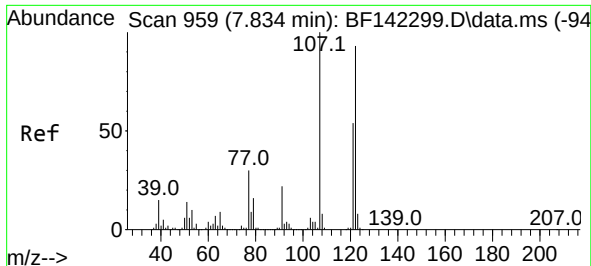


#26  
2-Nitrophenol  
Concen: 51.078 ng  
RT: 7.798 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:139 Resp: 238415  
Ion Ratio Lower Upper  
139 100  
109 26.1 20.8 31.2  
65 47.8 38.9 58.3







#27

2,4-Dimethylphenol

Concen: 42.728 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

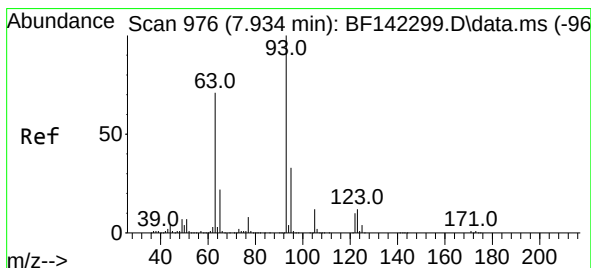
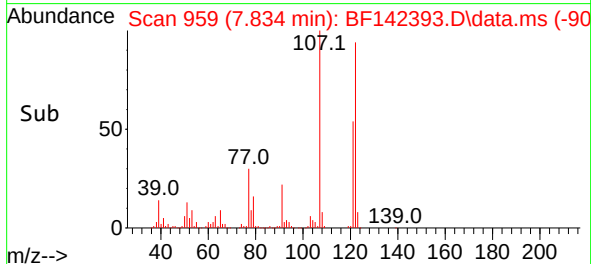
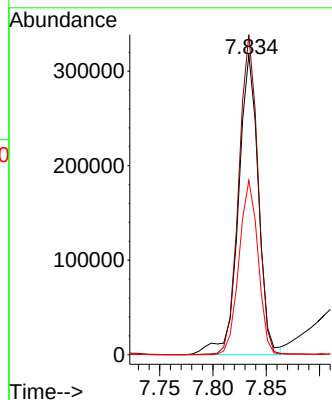
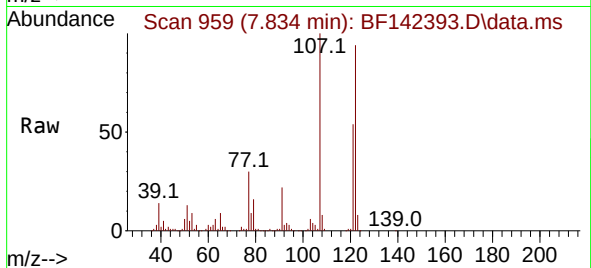
Tgt Ion:122 Resp: 415588

Ion Ratio Lower Upper

122 100

107 106.6 86.0 129.0

121 58.1 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.623 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

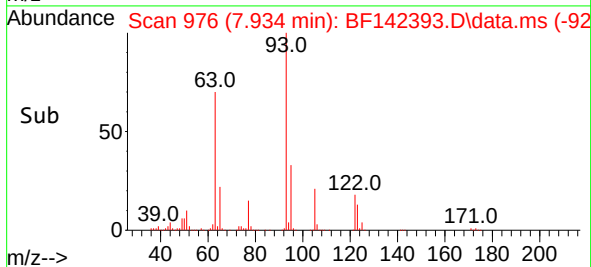
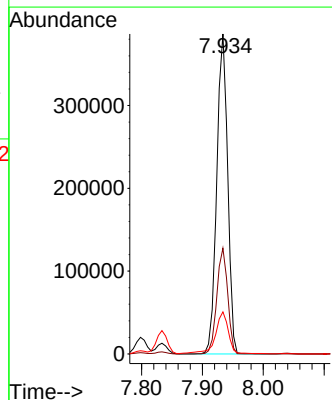
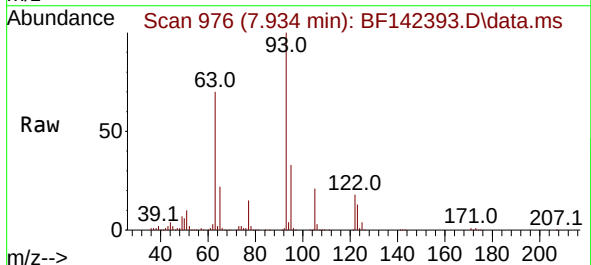
Tgt Ion: 93 Resp: 480449

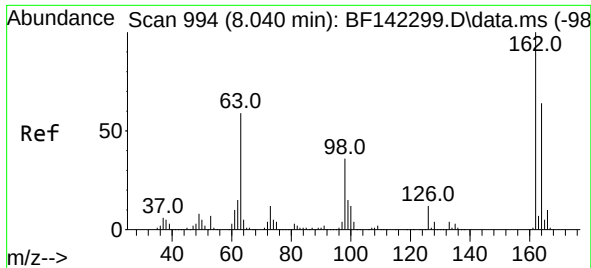
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.430 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

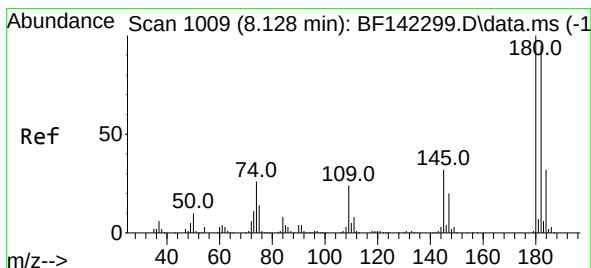
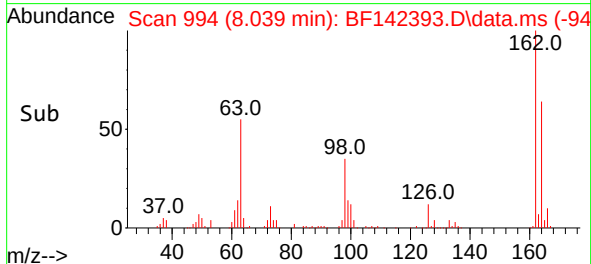
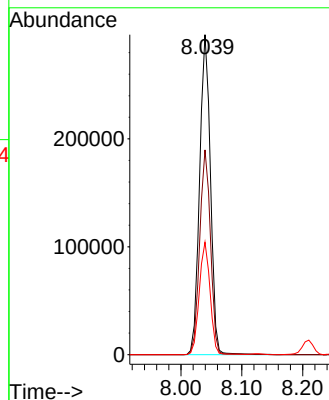
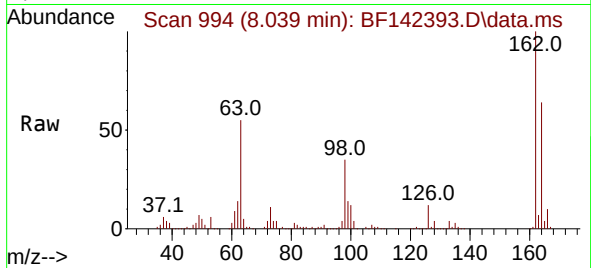
Tgt Ion:162 Resp: 367397

Ion Ratio Lower Upper

162 100

164 64.0 43.6 83.6

98 35.2 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.269 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

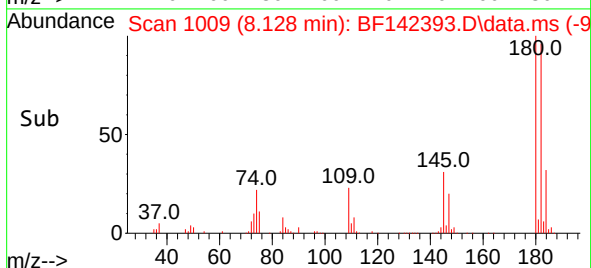
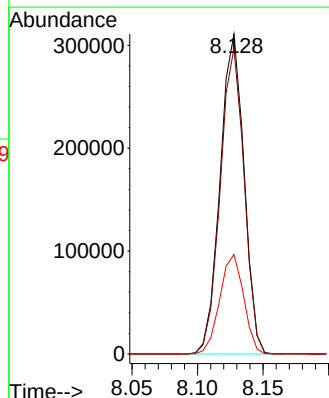
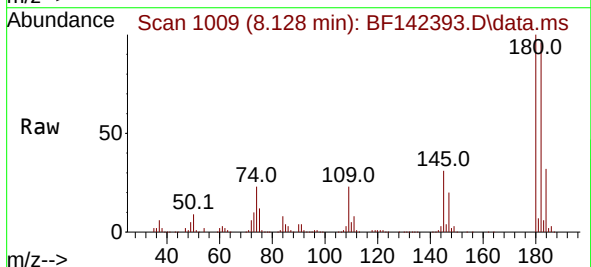
Tgt Ion:180 Resp: 393359

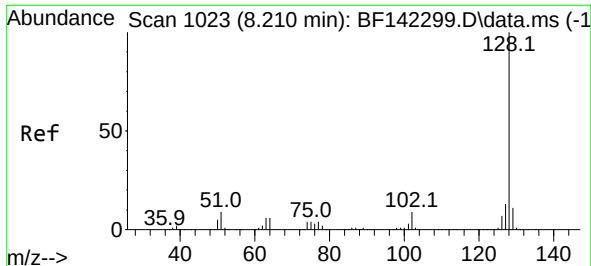
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

145 31.1 25.8 38.6

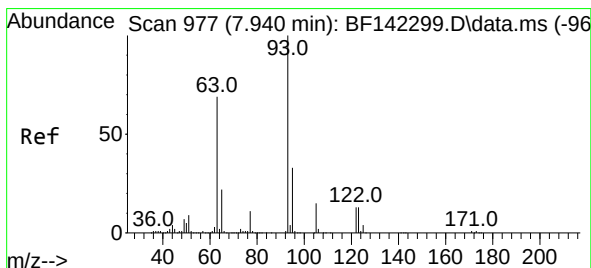
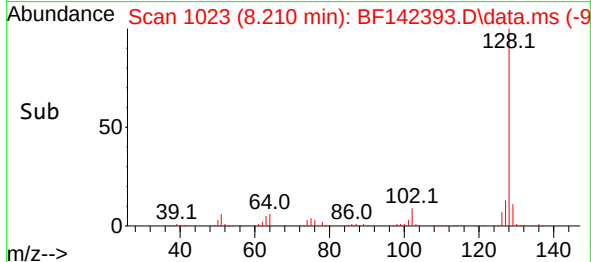
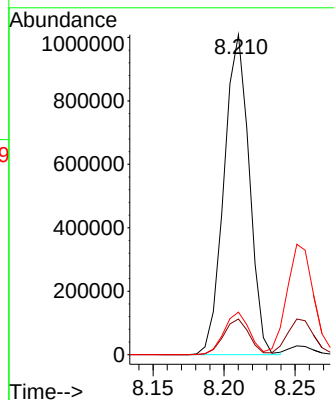
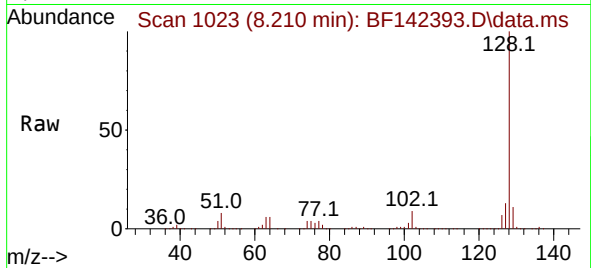




#31  
Naphthalene  
Concen: 41.285 ng  
RT: 8.210 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

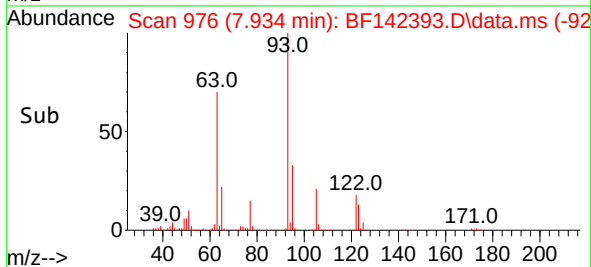
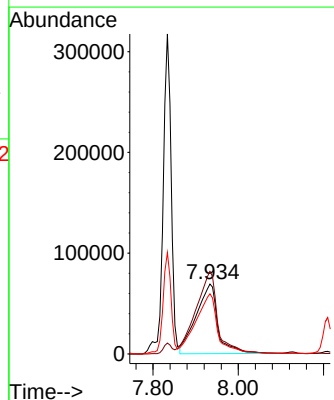
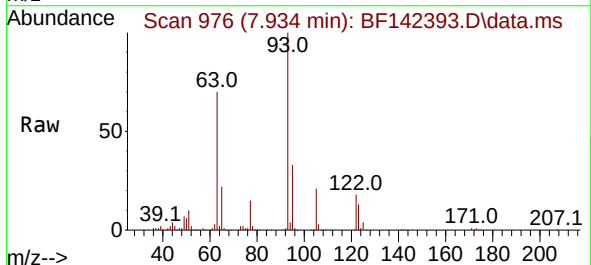
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

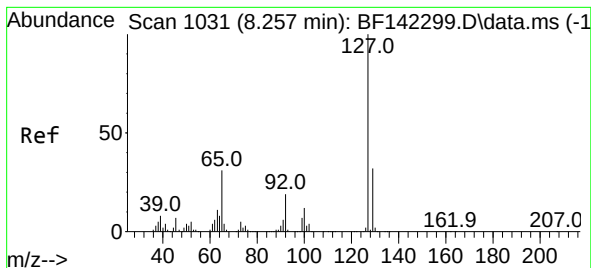
Tgt Ion:128 Resp: 1246638  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.1 13.7  
127 13.3 10.5 15.7



#32  
Benzoic acid  
Concen: 47.313 ng  
RT: 7.934 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:122 Resp: 245696  
Ion Ratio Lower Upper  
122 100  
105 118.1 97.9 137.9  
77 86.1 67.7 107.7

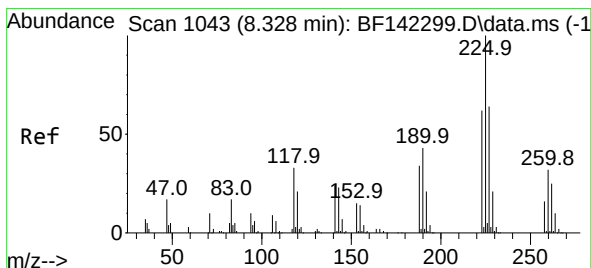
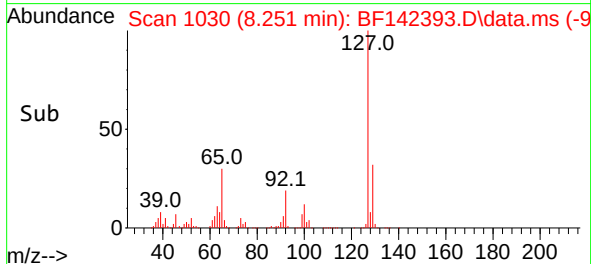
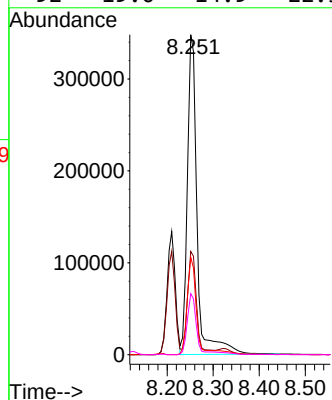
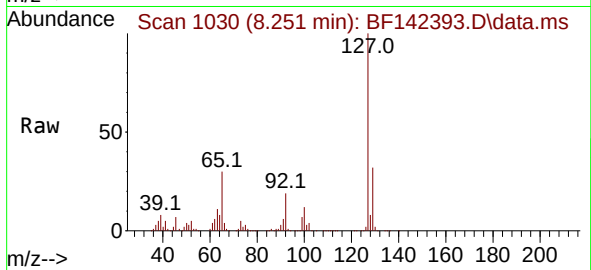




#33  
4-Chloroaniline  
Concen: 41.464 ng  
RT: 8.251 min Scan# 1030  
Delta R.T. -0.016 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

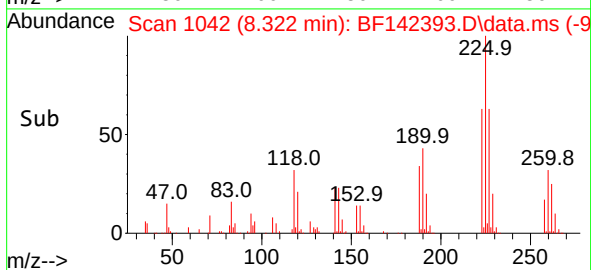
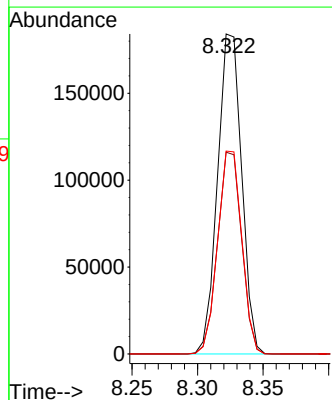
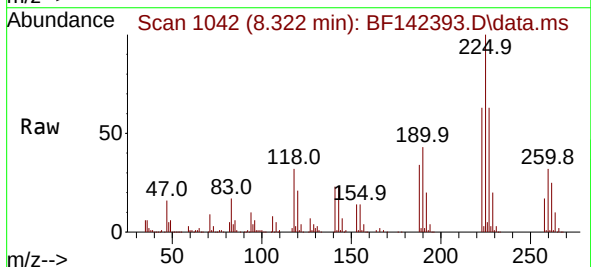
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

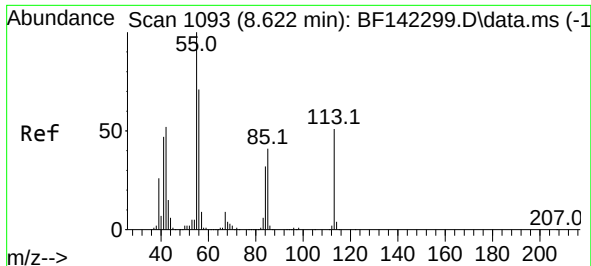
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 510900 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.7  | 38.5   |
| 65       | 30.4  | 24.9  | 37.3   |
| 92       | 19.0  | 14.9  | 22.3   |



#34  
Hexachlorobutadiene  
Concen: 42.694 ng  
RT: 8.322 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 235267 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 49.8  | 74.6   |
| 227      | 63.4  | 50.9  | 76.3   |

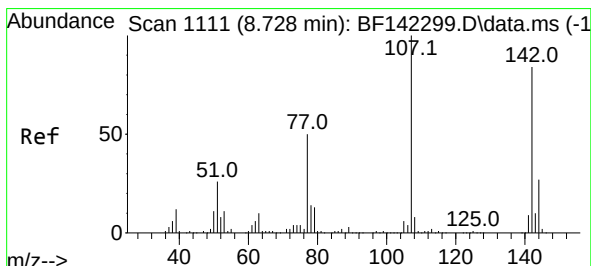
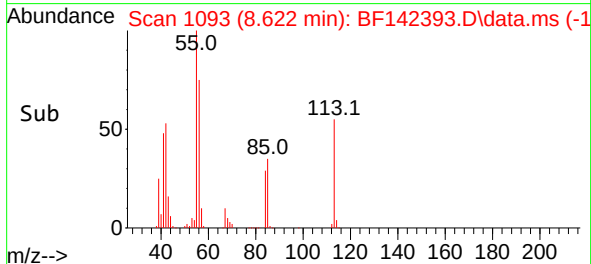
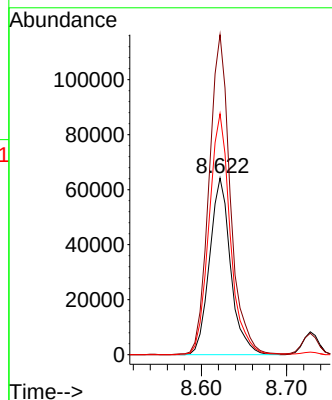
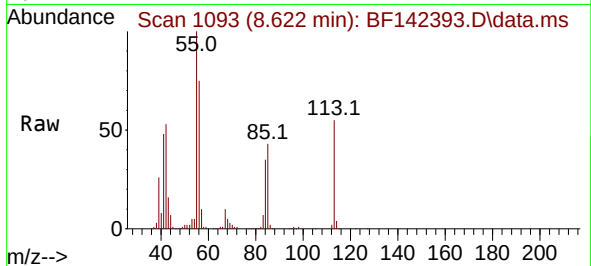




#35  
 Caprolactam  
 Concen: 45.657 ng  
 RT: 8.622 min Scan# 11032  
 Delta R.T. -0.000 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

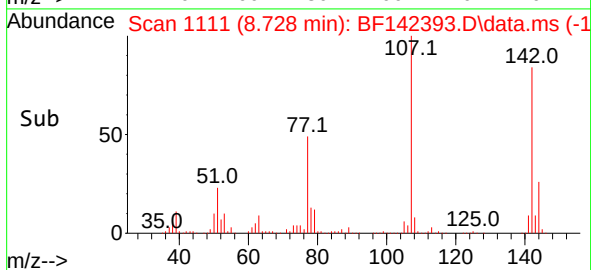
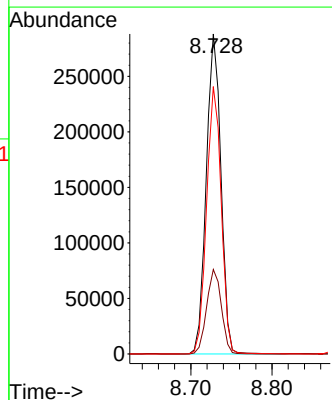
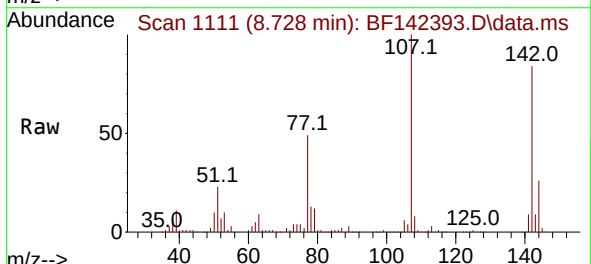
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

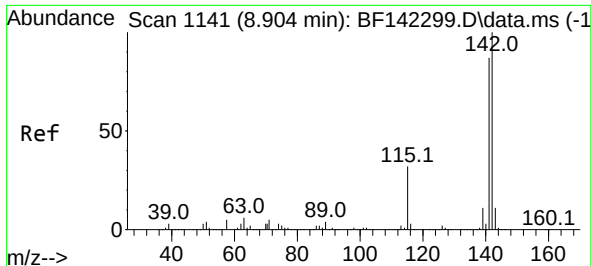
Tgt Ion:113 Resp: 110032  
 Ion Ratio Lower Upper  
 113 100  
 55 181.2 176.4 216.4  
 56 136.4 120.3 160.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.905 ng  
 RT: 8.728 min Scan# 1111  
 Delta R.T. -0.000 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

Tgt Ion:107 Resp: 360205  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 21.3 31.9  
 142 83.5 66.9 100.3





#37

2-Methylnaphthalene

Concen: 40.307 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

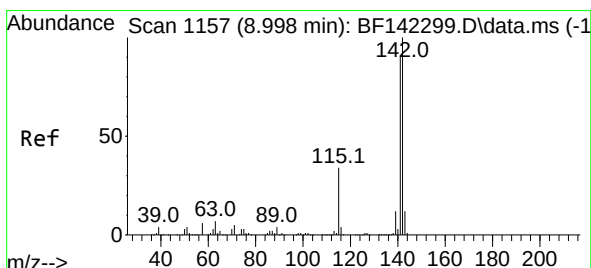
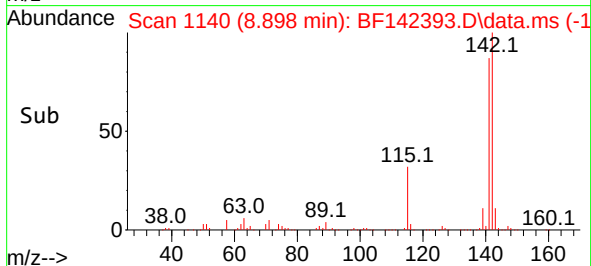
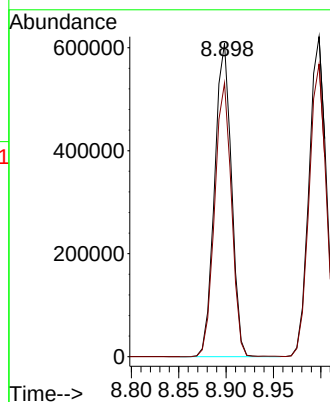
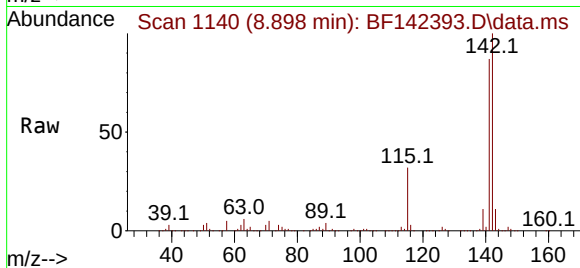
SSTDCCC040

Tgt Ion:142 Resp: 756282

Ion Ratio Lower Upper

142 100

141 87.3 69.4 104.2



#38

1-Methylnaphthalene

Concen: 39.704 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142393.D

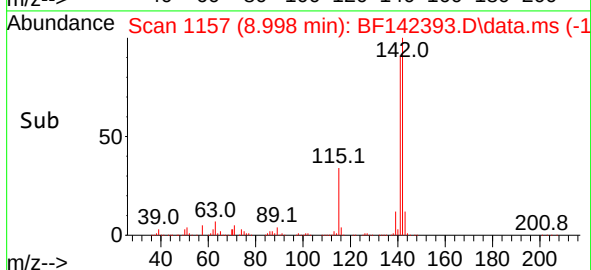
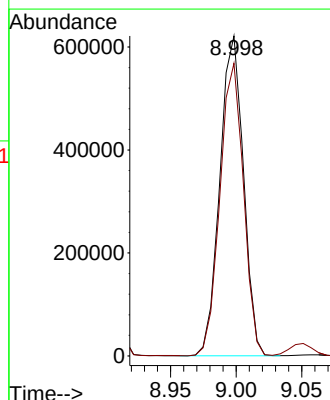
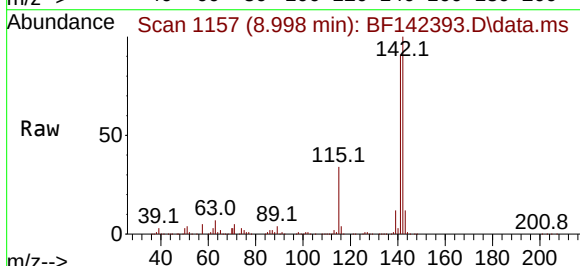
Acq: 15 May 2025 15:41

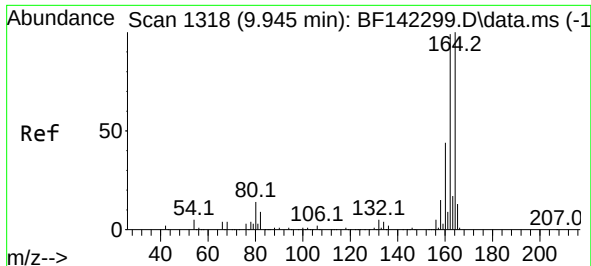
Tgt Ion:142 Resp: 776467

Ion Ratio Lower Upper

142 100

141 91.5 72.5 108.7

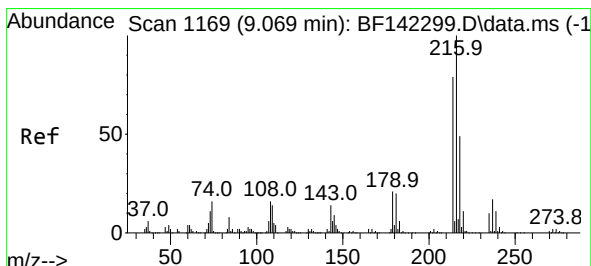
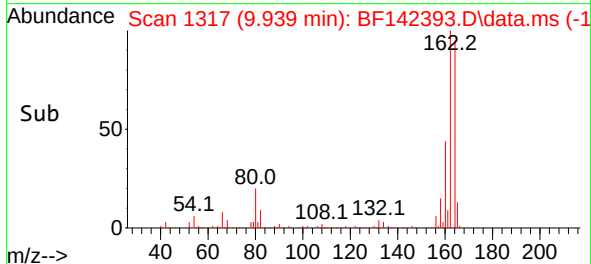
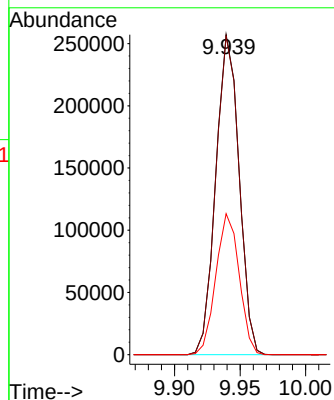
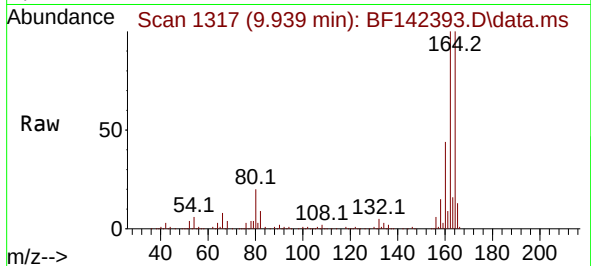




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1117  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

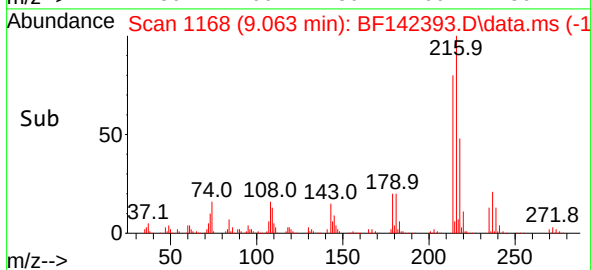
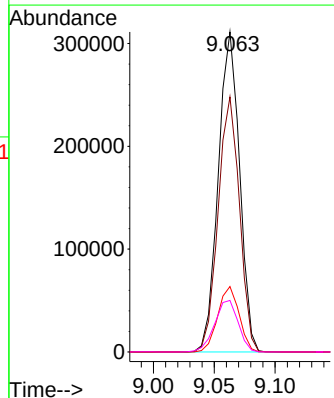
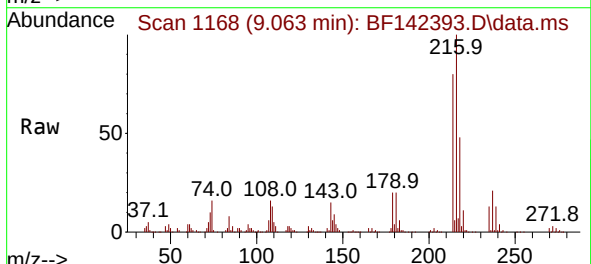
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

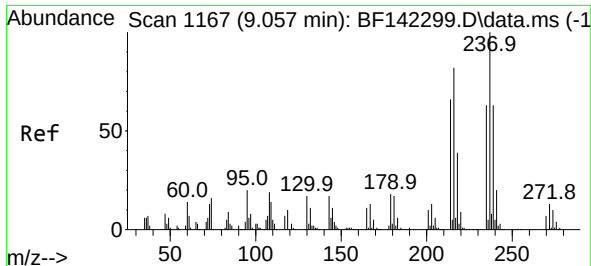
Tgt Ion:164 Resp: 317544  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.2 118.8  
160 44.1 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.753 ng  
RT: 9.063 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:216 Resp: 379167  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.8 95.6  
179 20.5 17.0 25.6  
108 17.8 15.0 22.6

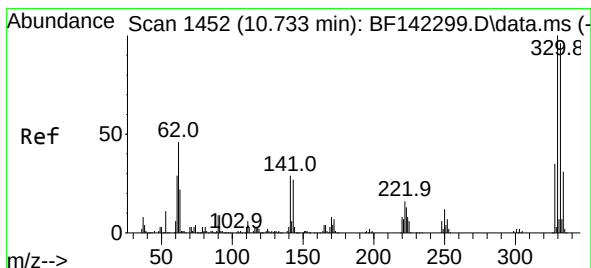
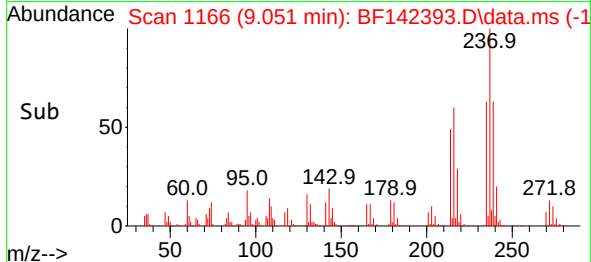
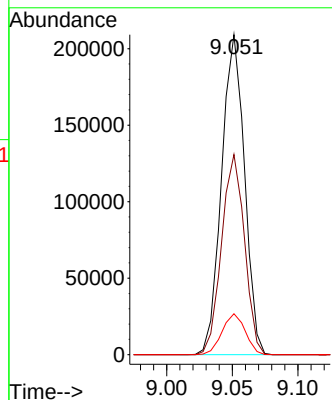
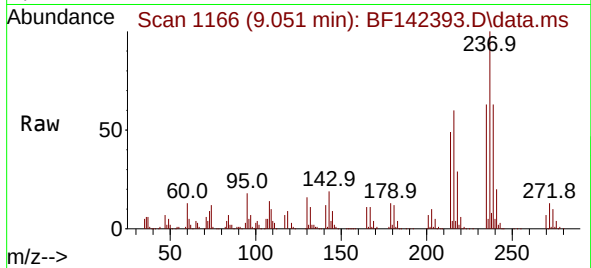




#41  
Hexachlorocyclopentadiene  
Concen: 46.384 ng  
RT: 9.051 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

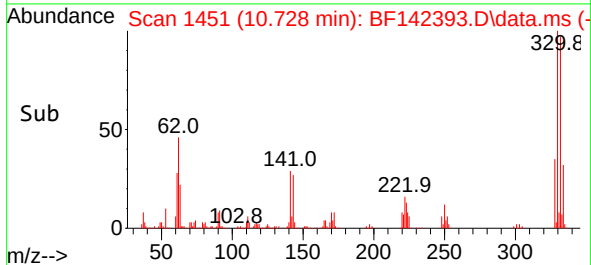
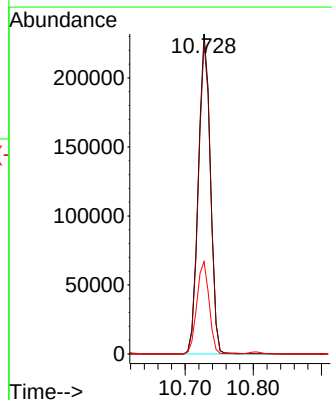
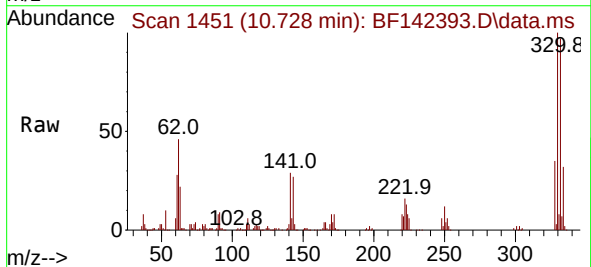
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 254231  
Ion Ratio Lower Upper  
237 100  
235 62.6 42.8 82.8  
272 12.8 0.0 33.0

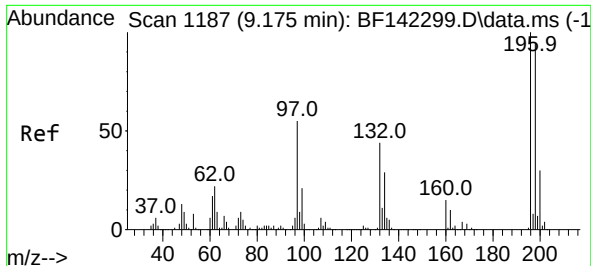


#42  
2,4,6-Tribromophenol  
Concen: 92.751 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:330 Resp: 284360  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.8 115.2  
141 29.1 24.9 37.3







#43

2,4,6-Trichlorophenol

Concen: 47.140 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

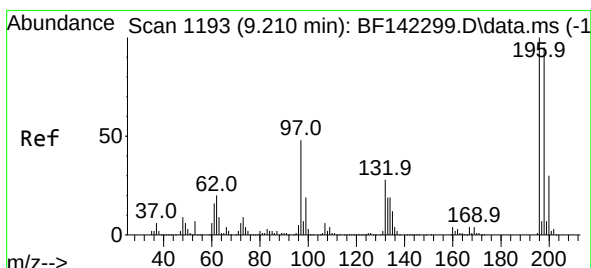
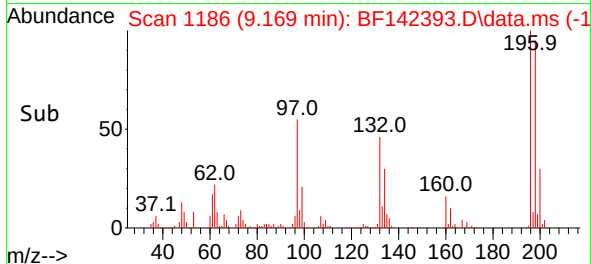
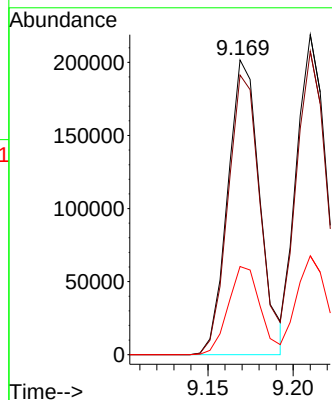
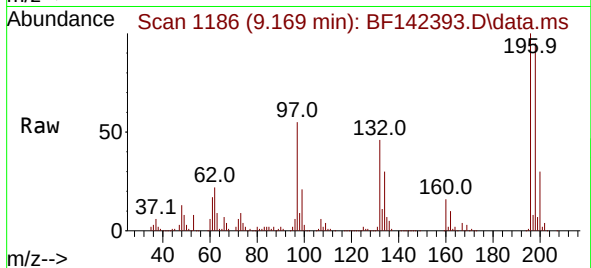
Tgt Ion:196 Resp: 263704

Ion Ratio Lower Upper

196 100

198 94.9 75.4 113.0

200 29.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 44.766 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Tgt Ion:196 Resp: 266454

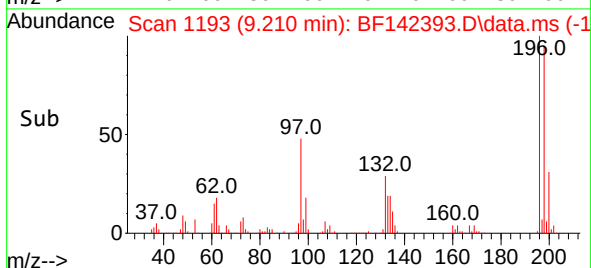
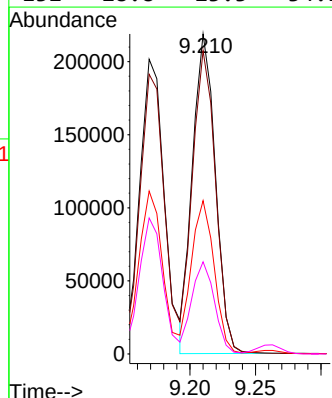
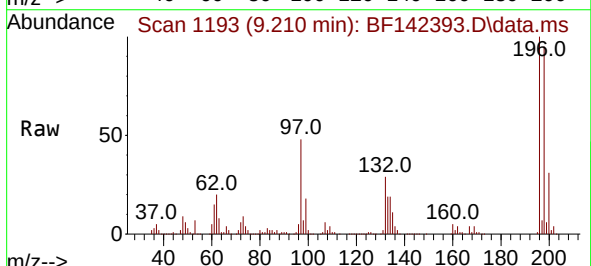
Ion Ratio Lower Upper

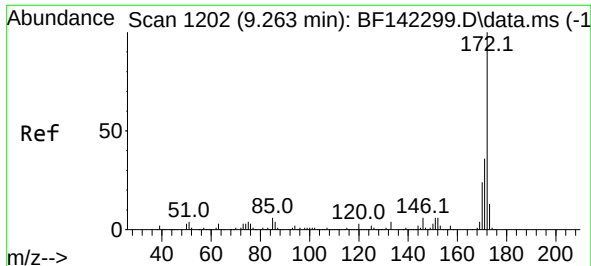
196 100

198 94.8 76.1 114.1

97 47.9 39.0 58.4

132 28.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.470 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

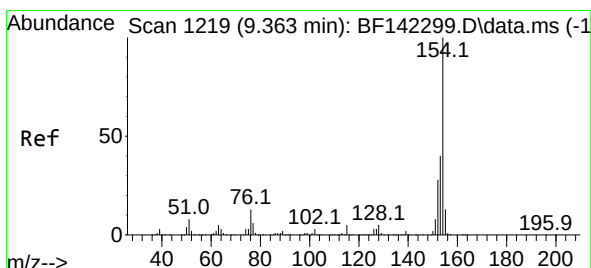
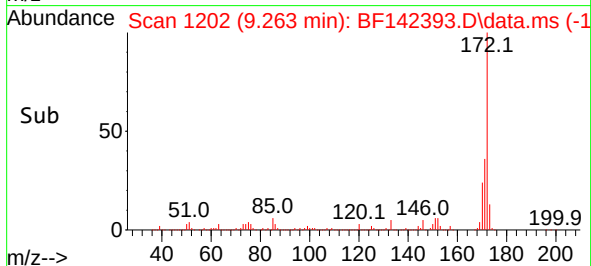
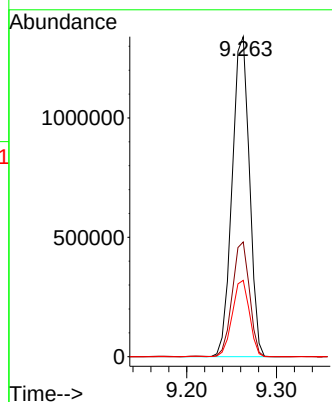
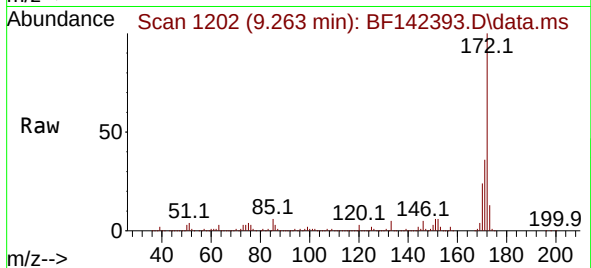
Tgt Ion:172 Resp: 1792070

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.419 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

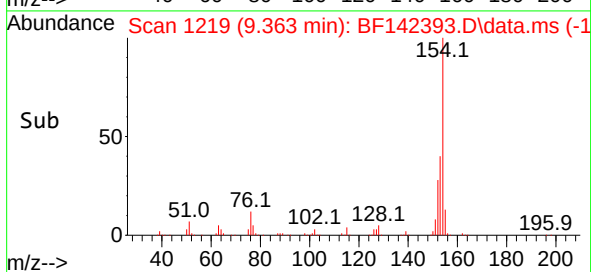
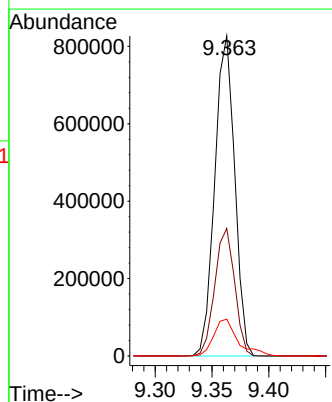
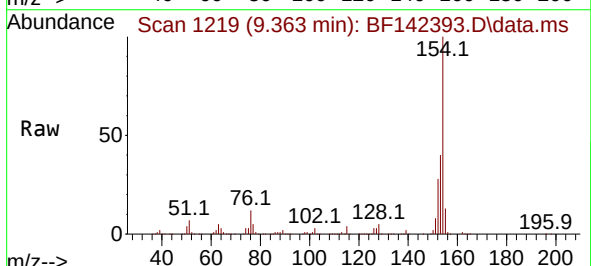
Tgt Ion:154 Resp: 1008454

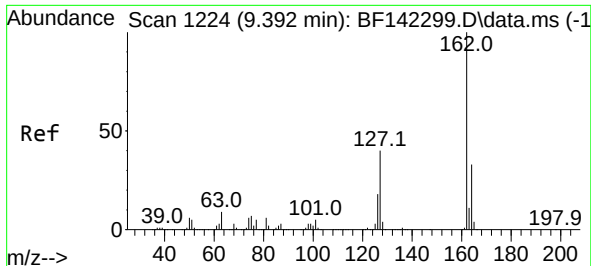
Ion Ratio Lower Upper

154 100

153 39.8 20.5 60.5

76 11.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.219 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

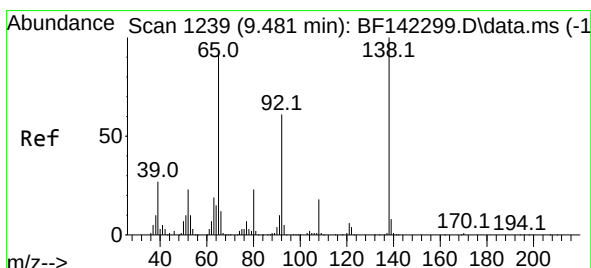
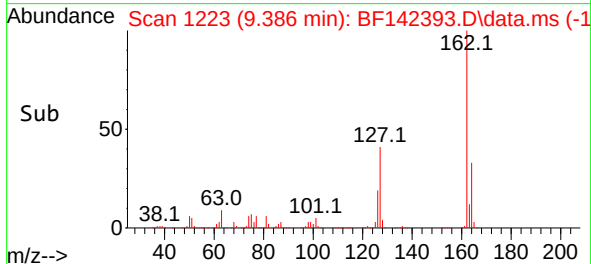
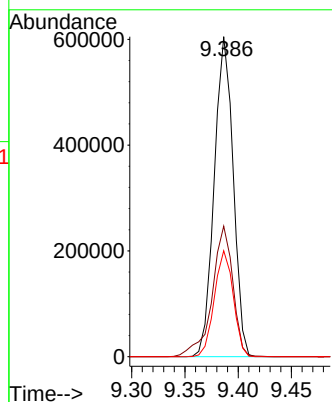
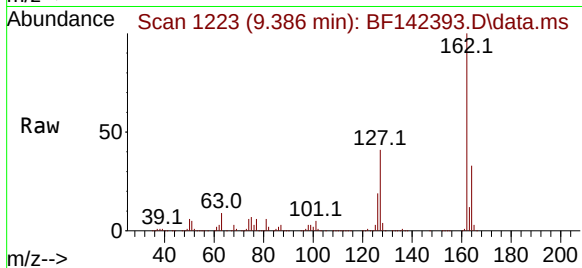
Tgt Ion:162 Resp: 746336

Ion Ratio Lower Upper

162 100

127 40.8 32.3 48.5

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 50.091 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

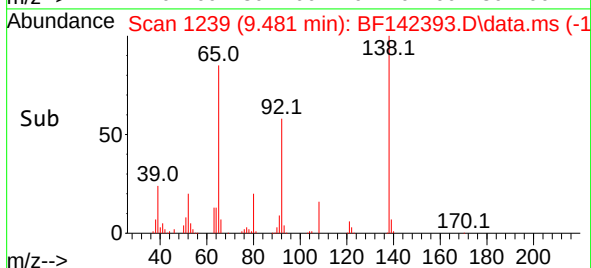
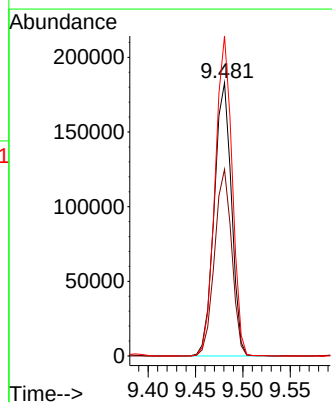
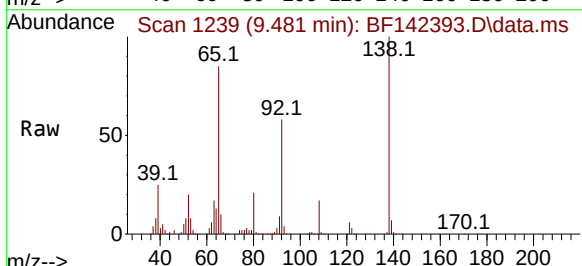
Tgt Ion: 65 Resp: 232479

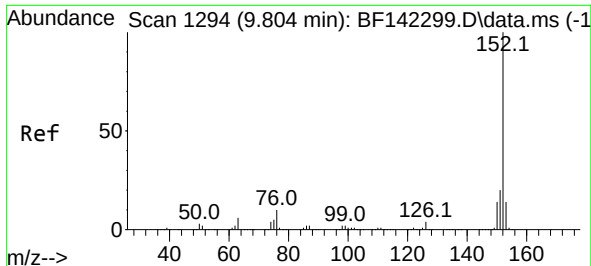
Ion Ratio Lower Upper

65 100

92 68.3 52.3 78.5

138 117.2 85.6 128.4

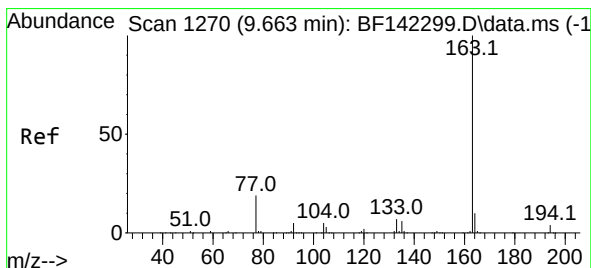
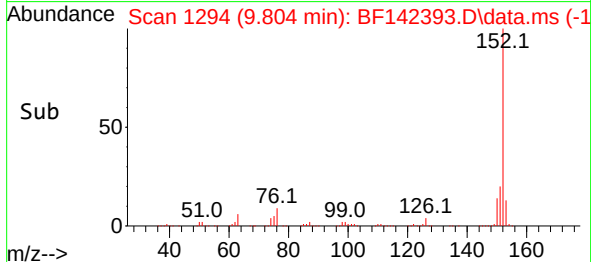
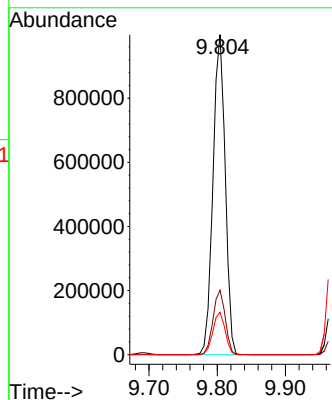
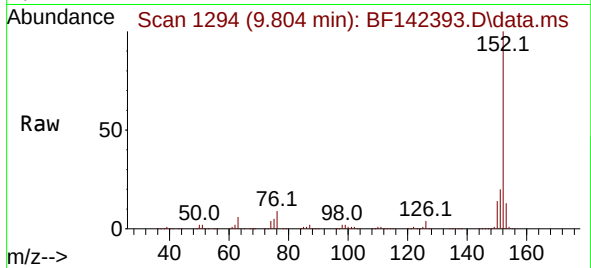




#49  
Acenaphthylene  
Concen: 41.172 ng  
RT: 9.804 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

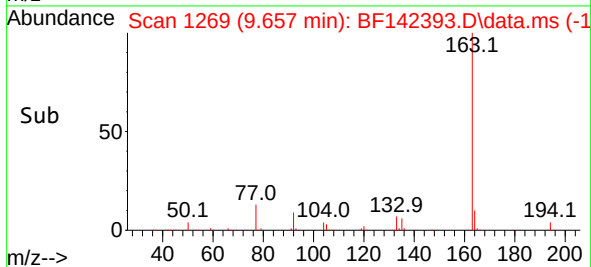
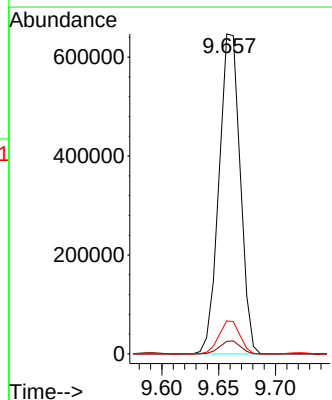
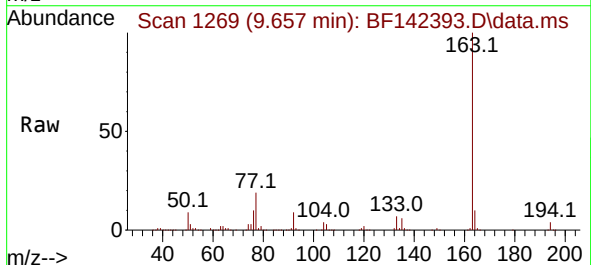
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

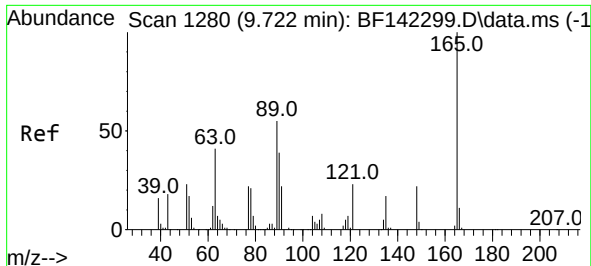
Tgt Ion:152 Resp: 1247085  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 13.3 10.8 16.2



#50  
Dimethylphthalate  
Concen: 41.198 ng  
RT: 9.657 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:163 Resp: 840051  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.4 8.3 12.5

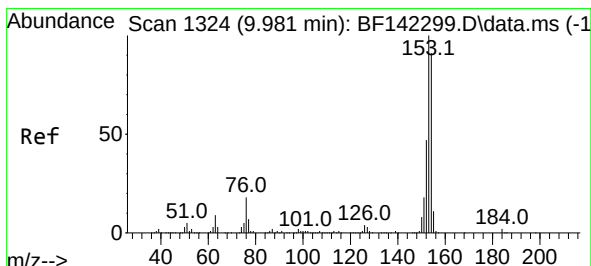
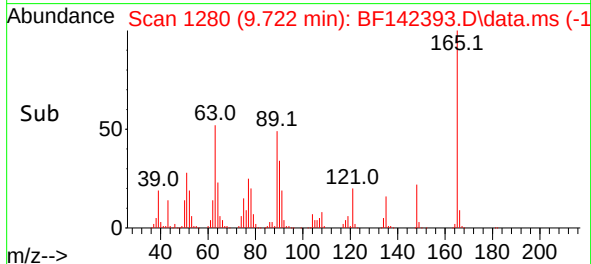
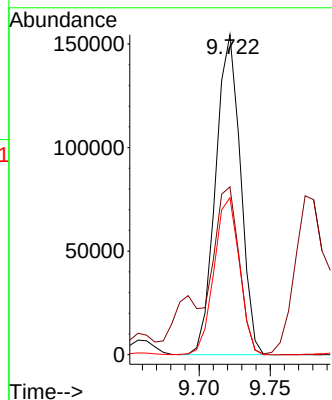
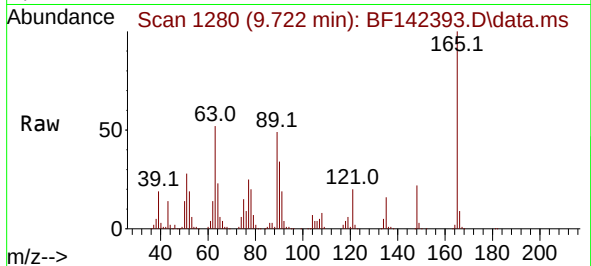




#51  
2,6-Dinitrotoluene  
Concen: 49.228 ng  
RT: 9.722 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

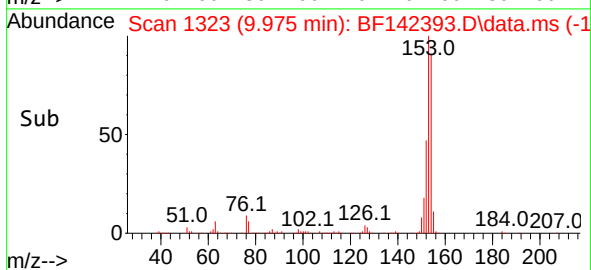
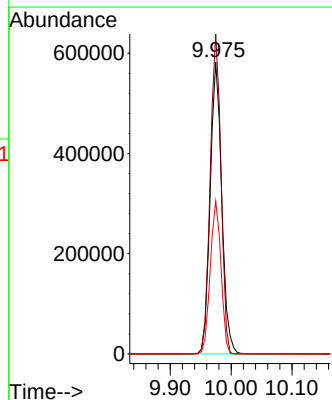
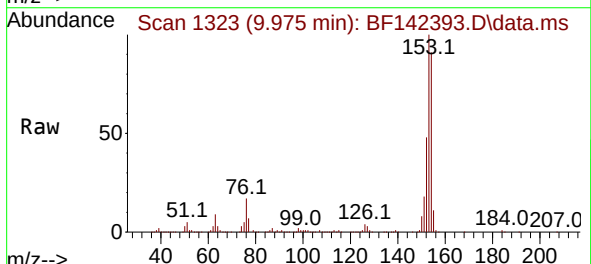
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

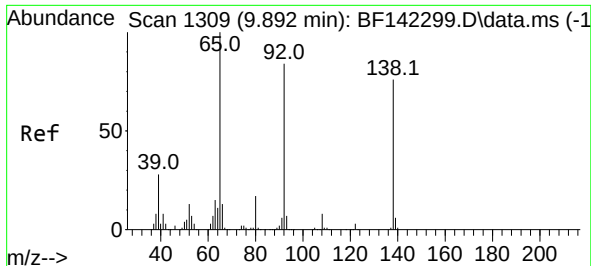
Tgt Ion:165 Resp: 187890  
Ion Ratio Lower Upper  
165 100  
63 52.5 49.5 74.3  
89 49.0 44.6 66.8



#52  
Acenaphthene  
Concen: 42.093 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:154 Resp: 766625  
Ion Ratio Lower Upper  
154 100  
153 109.6 88.0 132.0  
152 52.3 41.6 62.4

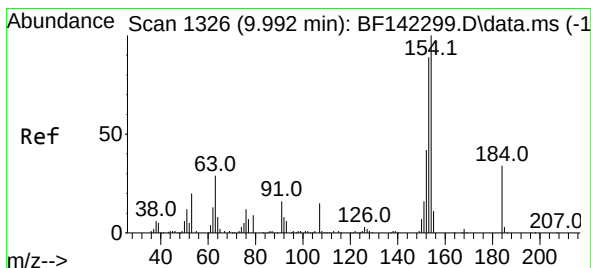
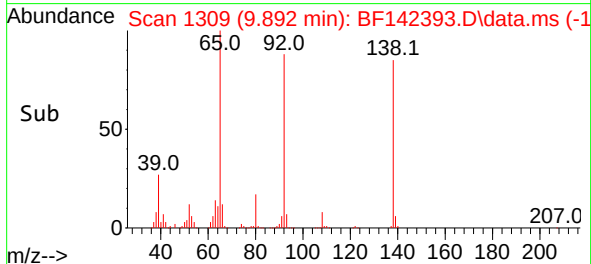
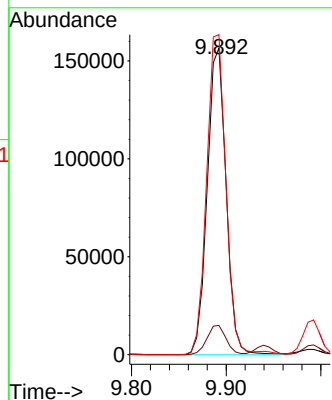
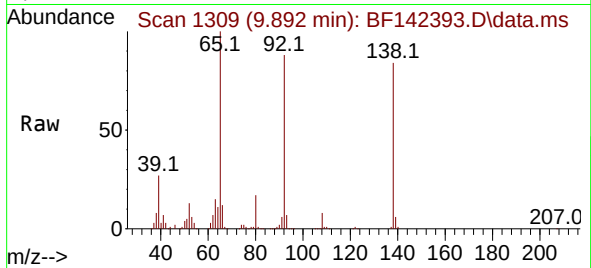




#53  
3-Nitroaniline  
Concen: 48.327 ng  
RT: 9.892 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

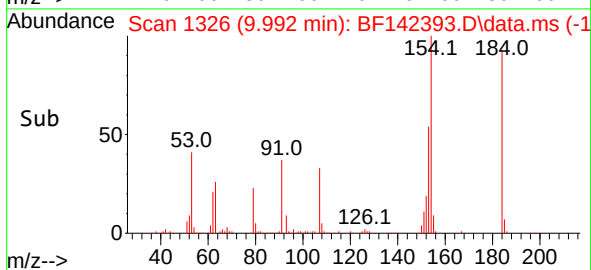
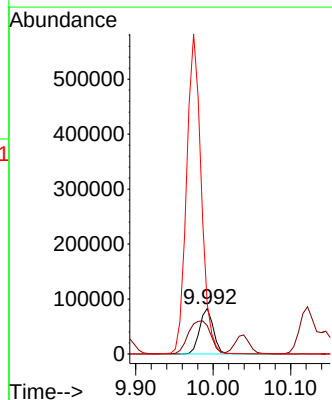
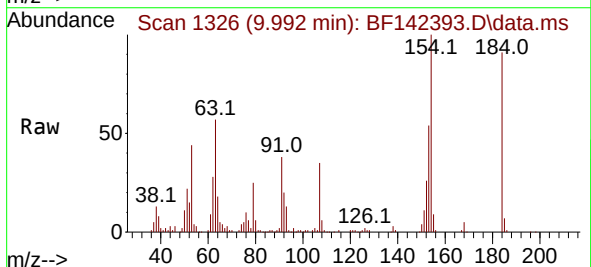
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BNA\_F  
ClientSampleId :  
SSTDCCC040

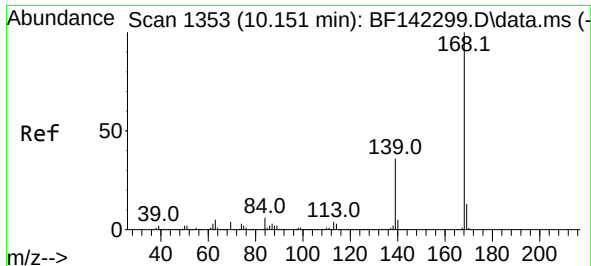
Tgt Ion:138 Resp: 216325  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.7 13.1  
92 104.3 89.5 134.3



#54  
2,4-Dinitrophenol  
Concen: 53.899 ng  
RT: 9.992 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:184 Resp: 102104  
Ion Ratio Lower Upper  
184 100  
63 62.4 70.6 105.8#  
154 109.4 257.2 385.8#

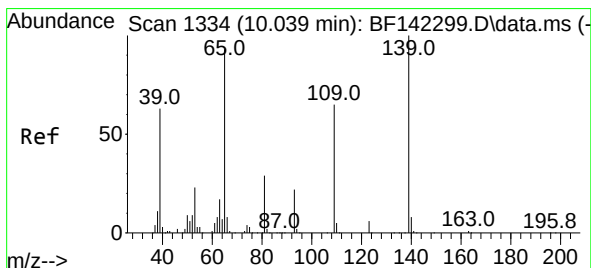
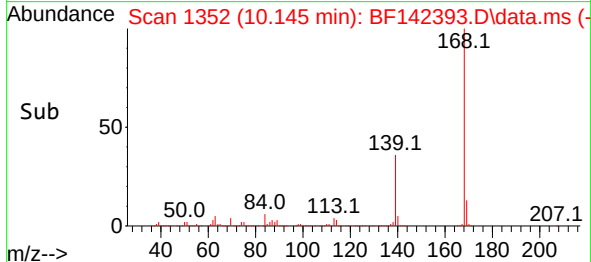
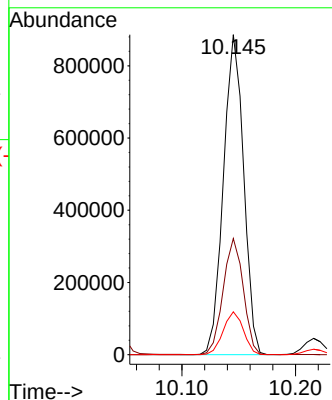
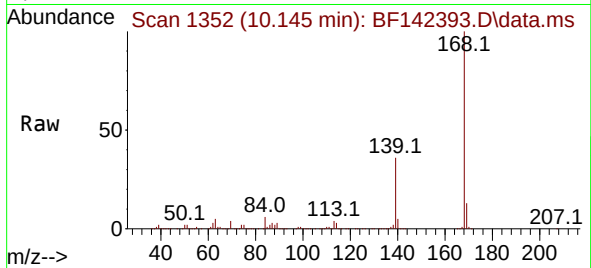




#55  
Dibenzenofuran  
Concen: 40.785 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

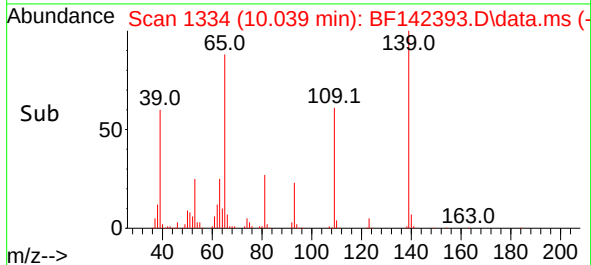
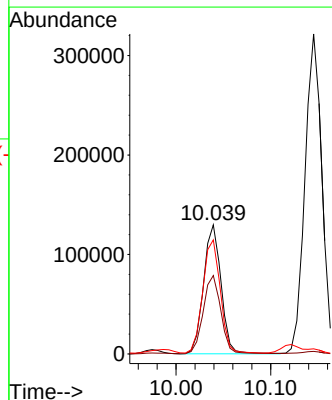
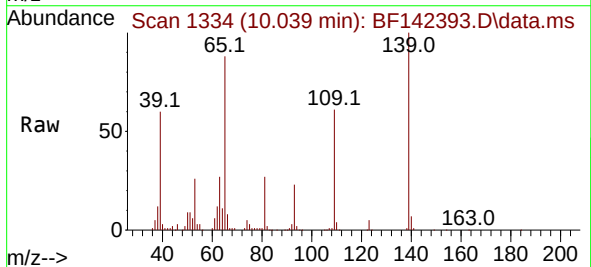
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

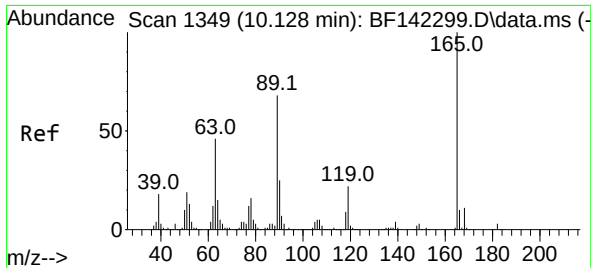
Tgt Ion:168 Resp: 1096260  
Ion Ratio Lower Upper  
168 100  
139 36.3 29.0 43.4  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 49.427 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. -0.000 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:139 Resp: 166517  
Ion Ratio Lower Upper  
139 100  
109 60.8 45.3 85.3  
65 88.4 73.9 113.9

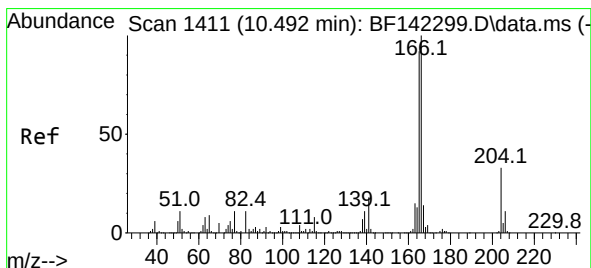
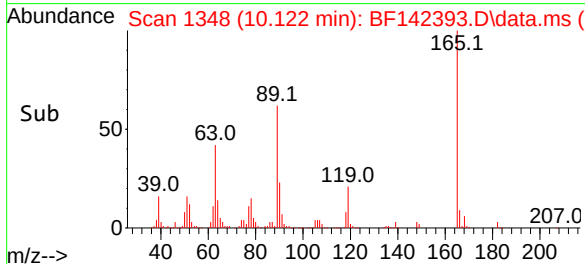
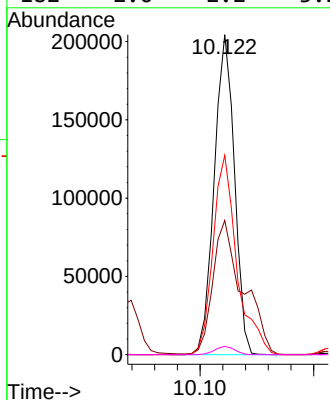
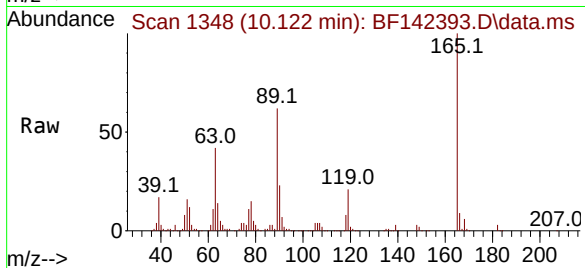




#57  
2,4-Dinitrotoluene  
Concen: 51.661 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

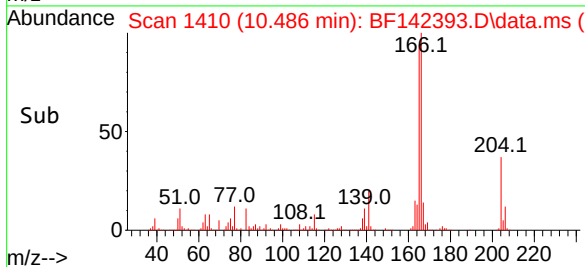
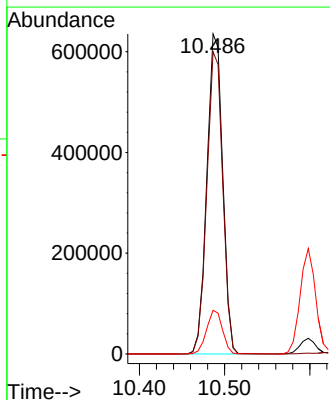
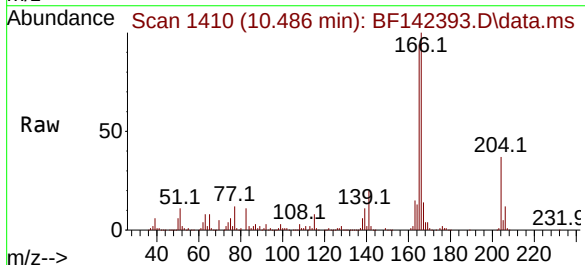
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 252920  
Ion Ratio Lower Upper  
165 100  
63 42.0 37.1 55.7  
89 62.3 54.4 81.6  
182 2.6 2.2 3.2

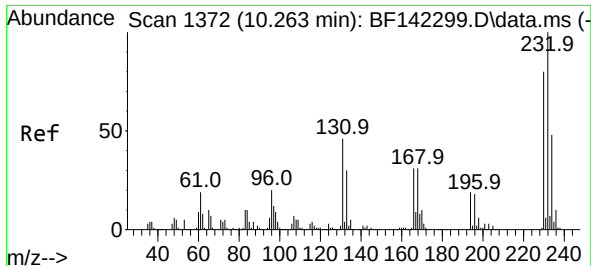


#58  
Fluorene  
Concen: 39.977 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:166 Resp: 820037  
Ion Ratio Lower Upper  
166 100  
165 94.4 74.0 111.0  
167 13.7 10.9 16.3



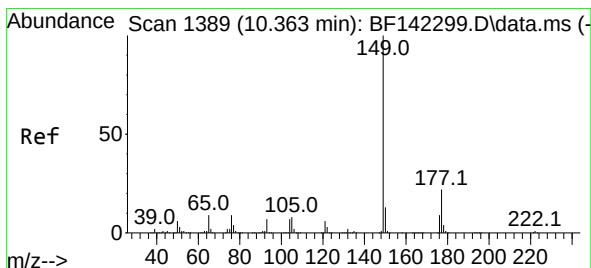
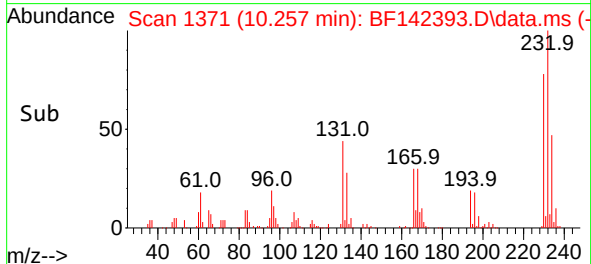
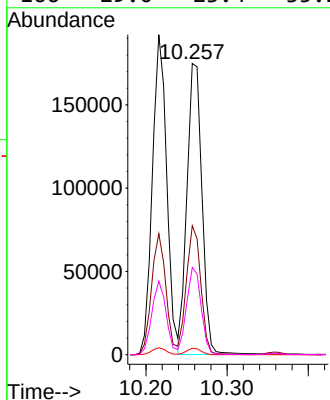
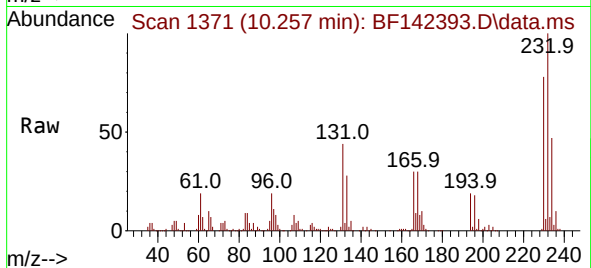




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.761 ng  
RT: 10.257 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

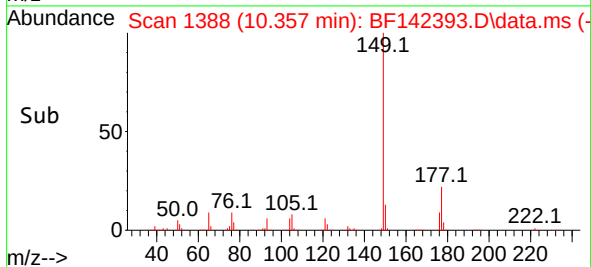
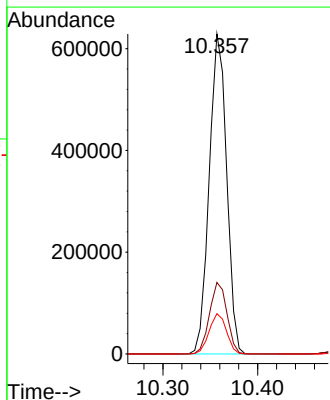
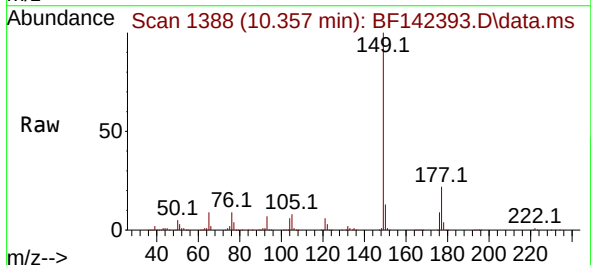
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

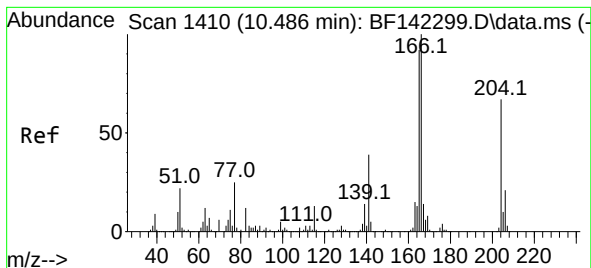
Tgt Ion:232 Resp: 224852  
Ion Ratio Lower Upper  
232 100  
131 42.6 36.0 54.0  
130 2.1 1.8 2.6  
166 29.0 23.4 35.2



#60  
Diethylphthalate  
Concen: 39.339 ng  
RT: 10.357 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:149 Resp: 801067  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.6 26.4  
150 12.6 10.1 15.1

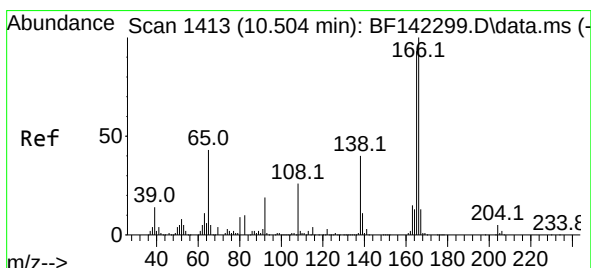
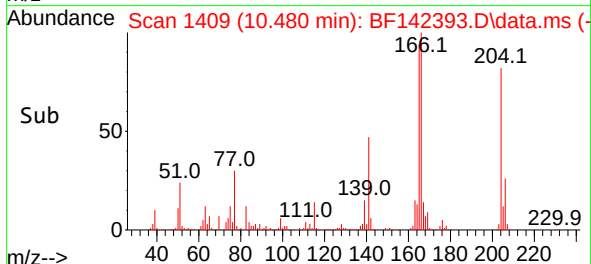
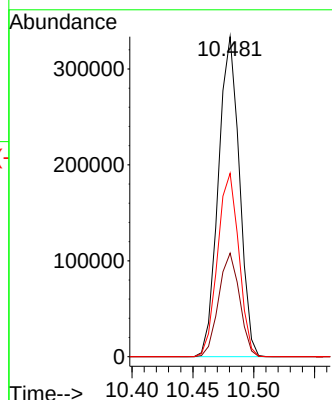
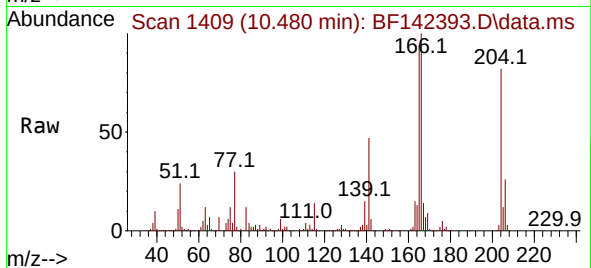




#61  
4-Chlorophenyl-phenylether  
Concen: 40.543 ng  
RT: 10.480 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

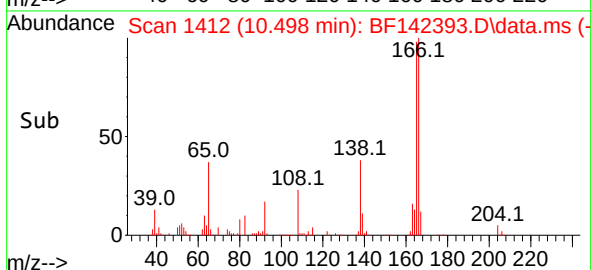
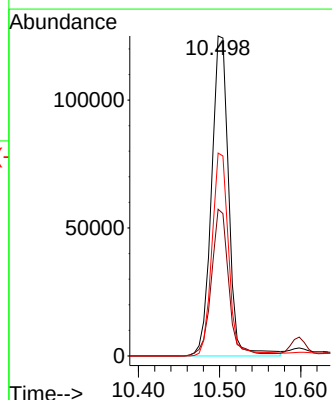
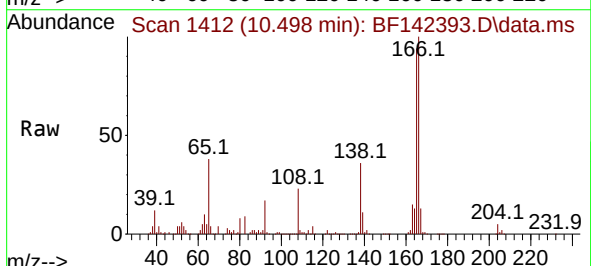
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

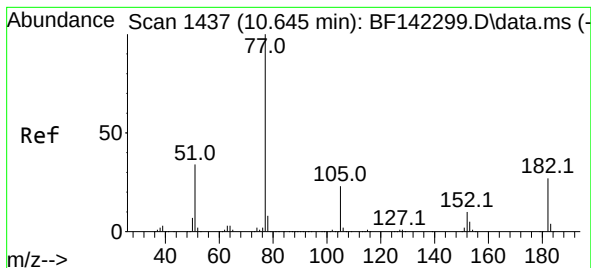
Tgt Ion:204 Resp: 401230  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.5 38.3  
141 57.3 46.4 69.6



#62  
4-Nitroaniline  
Concen: 51.743 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:138 Resp: 183571  
Ion Ratio Lower Upper  
138 100  
92 45.9 27.3 67.3  
108 63.4 45.1 85.1

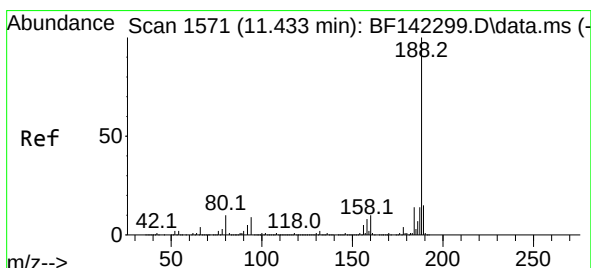
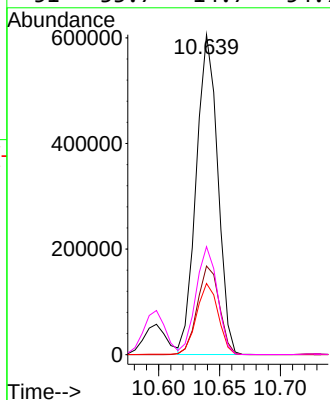
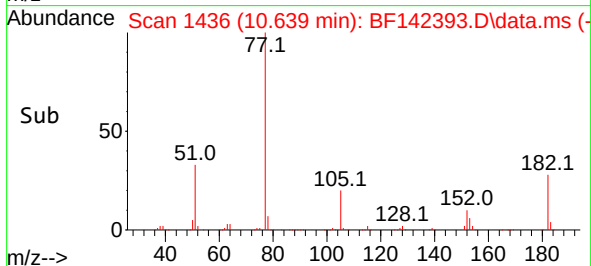
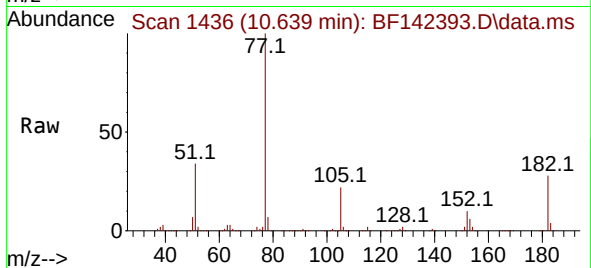




#63  
Azobenzene  
Concen: 38.234 ng  
RT: 10.639 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

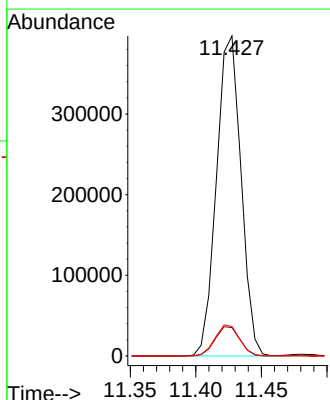
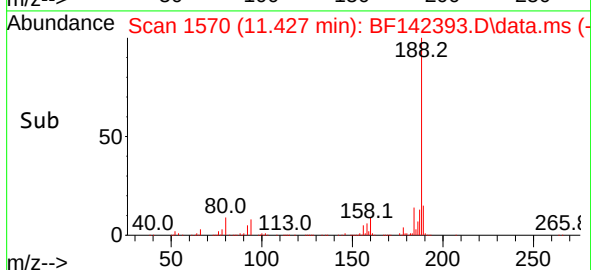
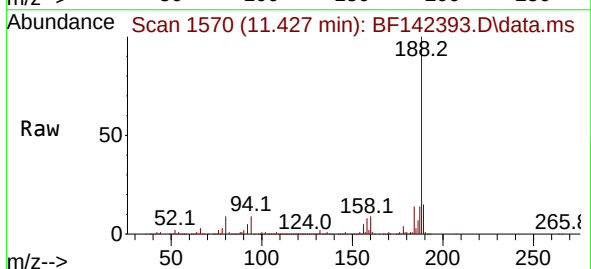
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

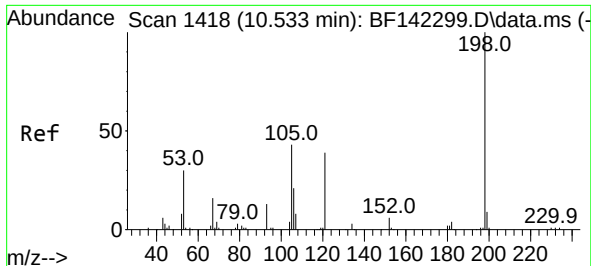
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 743979 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.7    | 6.9 46.9     |
| 105 22.2    | 2.7 42.7     |
| 51 33.7     | 14.7 54.7    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 516450 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.8      | 7.5 11.3     |
| 80 9.2      | 7.9 11.9     |

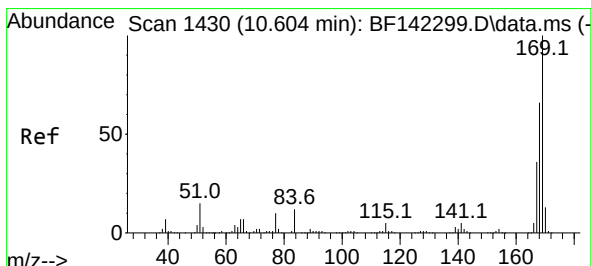
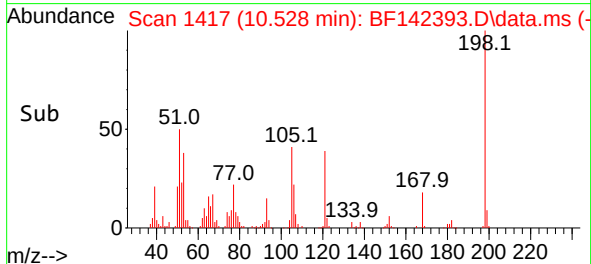
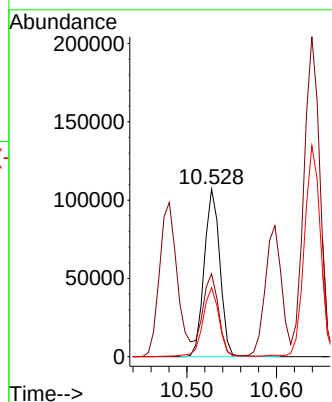
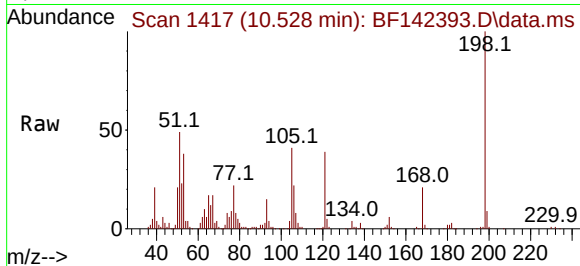




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.989 ng  
RT: 10.528 min Scan# 1417  
Delta R.T. -0.005 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

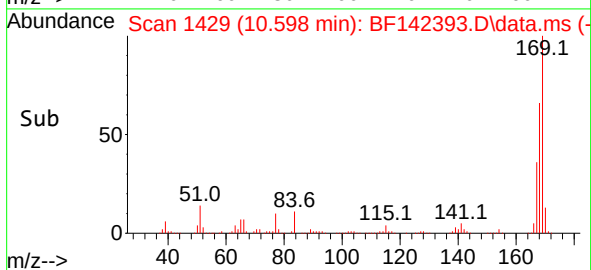
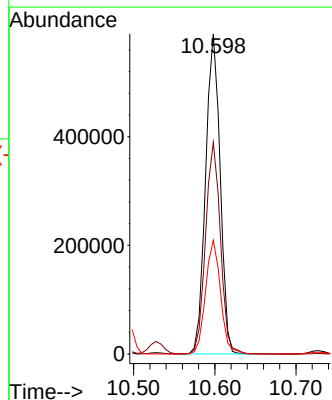
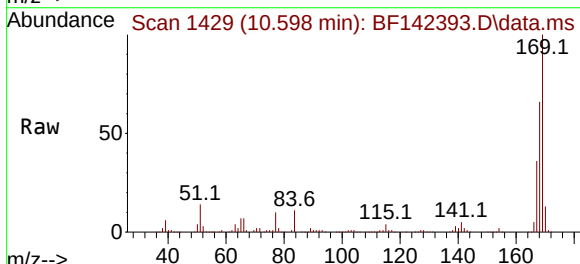
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

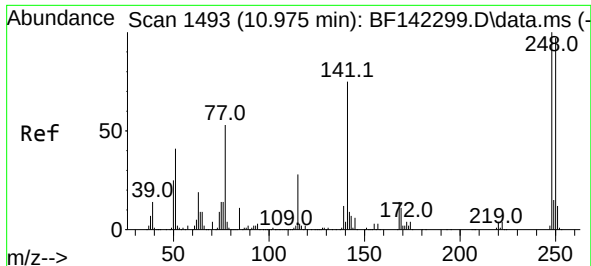
Tgt Ion:198 Resp: 129683  
Ion Ratio Lower Upper  
198 100  
51 49.5 32.9 72.9  
105 41.1 23.7 63.7



#66  
n-Nitrosodiphenylamine  
Concen: 42.504 ng  
RT: 10.598 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:169 Resp: 730456  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.2 79.8  
167 35.5 28.9 43.3

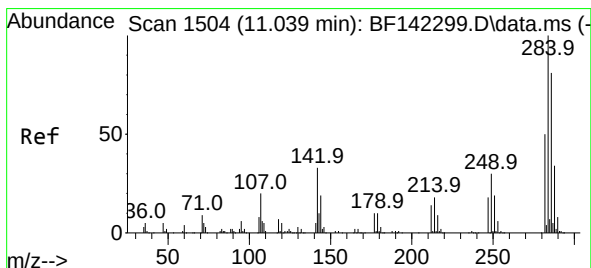
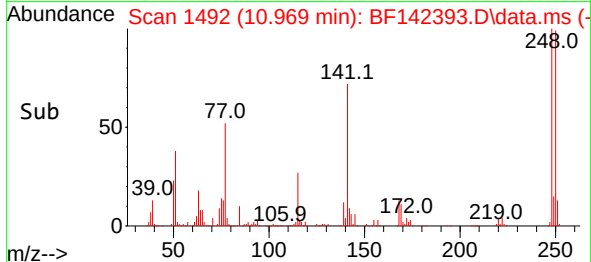
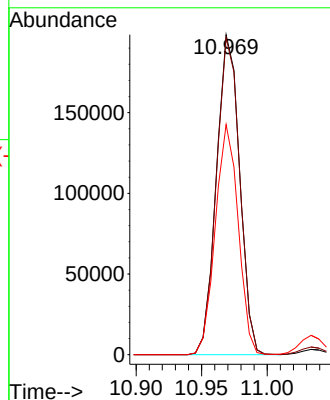
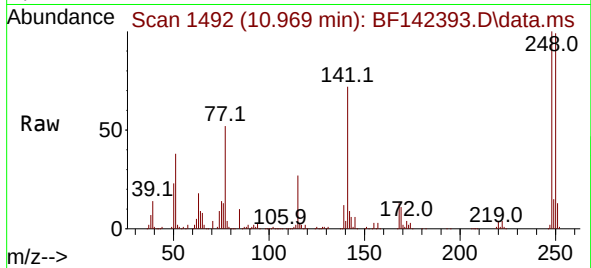




#67  
4-Bromophenyl-phenylether  
Concen: 41.779 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

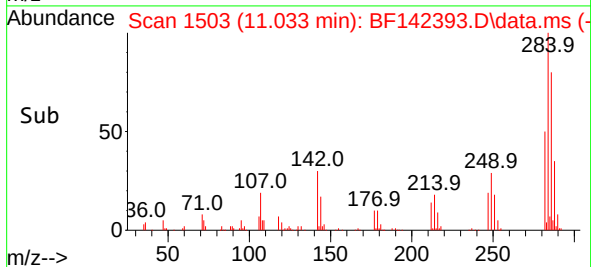
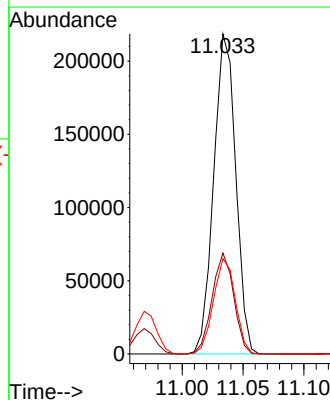
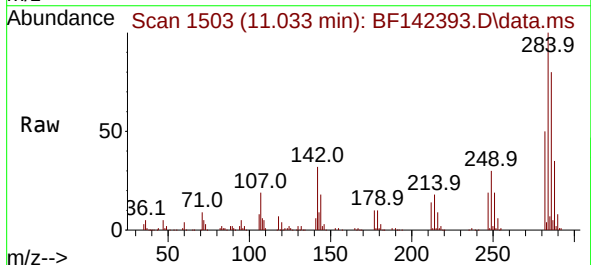
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

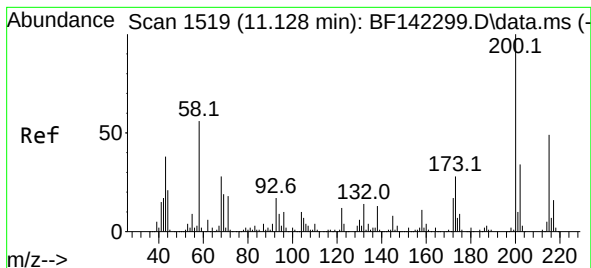
Tgt Ion:248 Resp: 244539  
Ion Ratio Lower Upper  
248 100  
250 99.0 77.9 116.9  
141 71.9 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 42.682 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:284 Resp: 274798  
Ion Ratio Lower Upper  
284 100  
142 31.5 26.6 39.8  
249 29.8 24.1 36.1





#69

Atrazine

Concen: 44.061 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

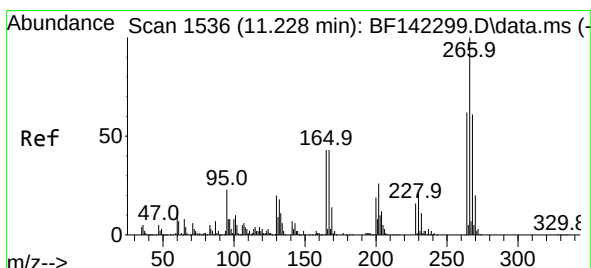
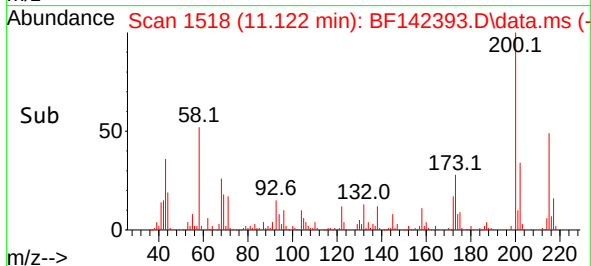
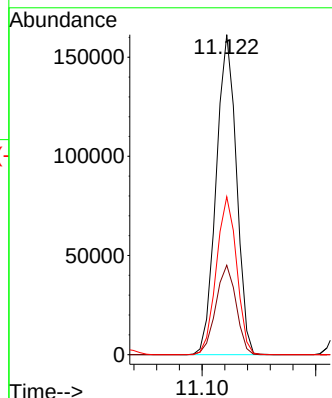
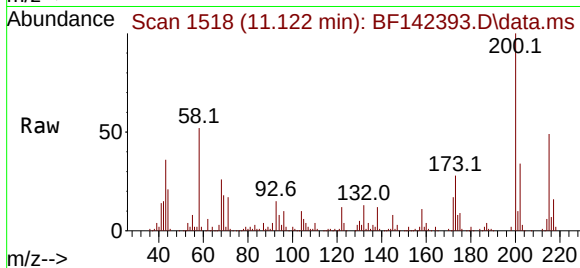
Tgt Ion:200 Resp: 199603

Ion Ratio Lower Upper

200 100

173 28.0 8.1 48.1

215 49.4 28.8 68.8



#70

Pentachlorophenol

Concen: 48.948 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

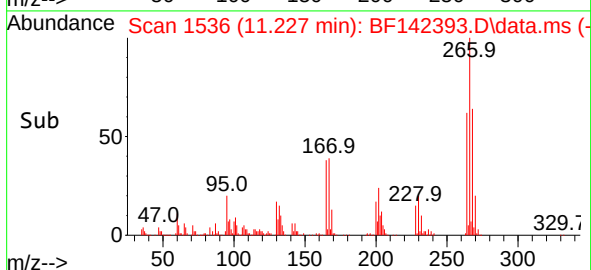
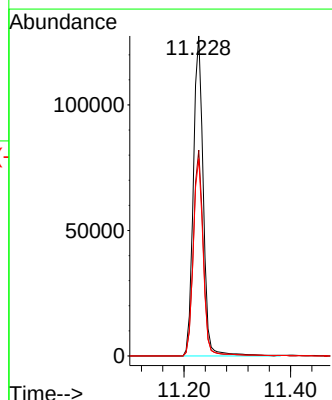
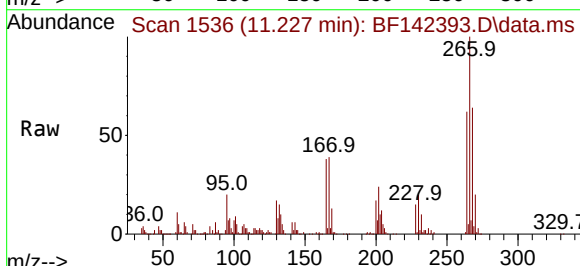
Tgt Ion:266 Resp: 165787

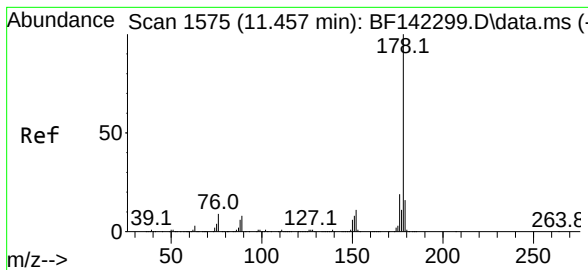
Ion Ratio Lower Upper

266 100

268 64.4 48.7 73.1

264 61.6 49.8 74.6

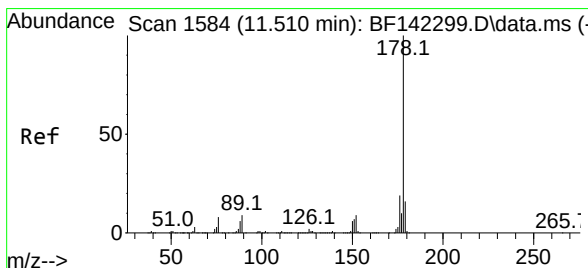
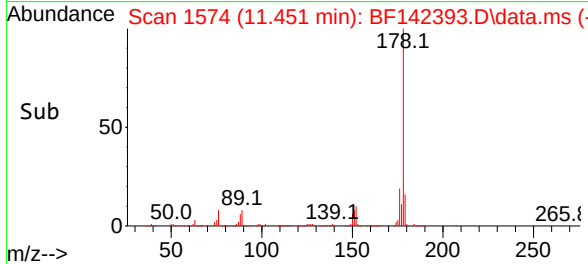
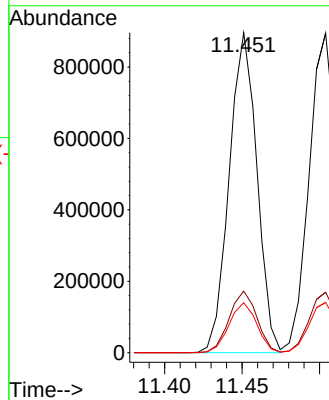
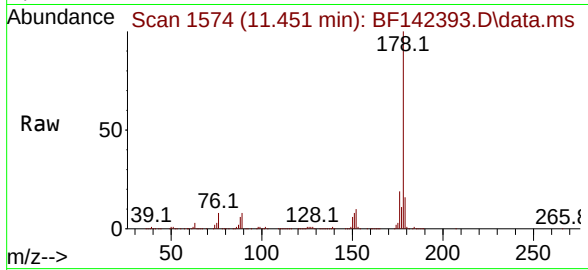




#71  
Phenanthrene  
Concen: 41.209 ng  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

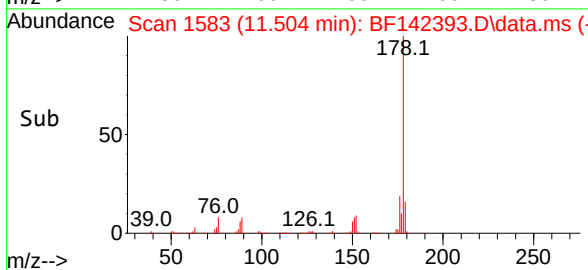
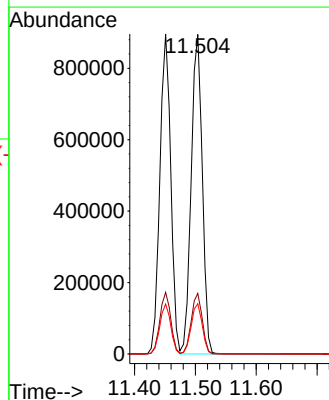
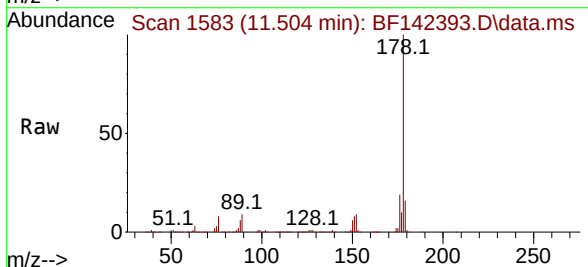
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

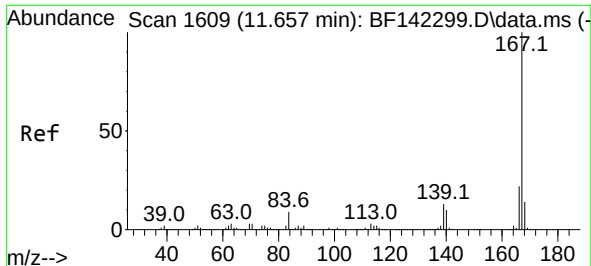
Tgt Ion:178 Resp: 1115558  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 15.6 12.6 18.8



#72  
Anthracene  
Concen: 40.726 ng  
RT: 11.504 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:178 Resp: 1132817  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.7 12.6 18.8

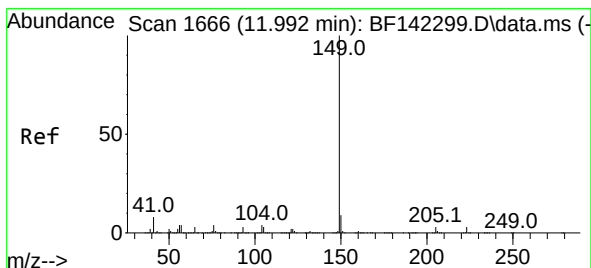
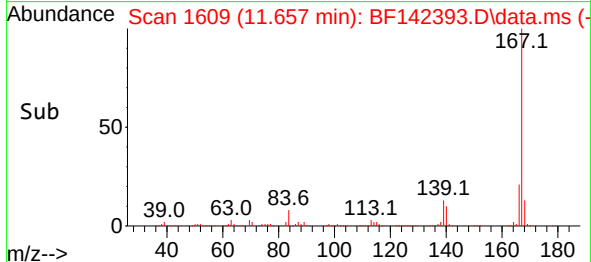
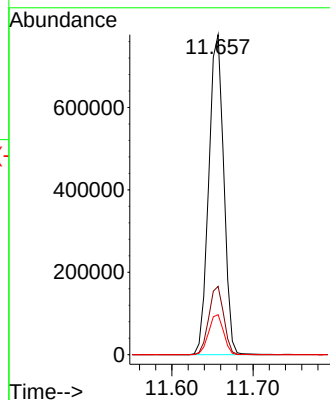
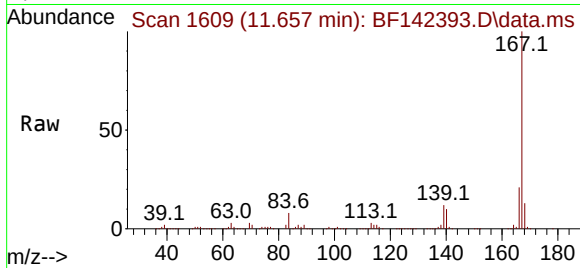




#73  
 Carbazole  
 Concen: 39.764 ng  
 RT: 11.657 min Scan# 1609  
 Delta R.T. -0.000 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

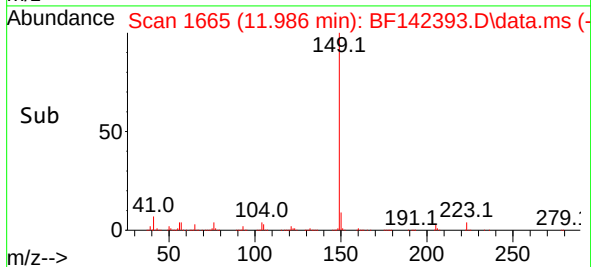
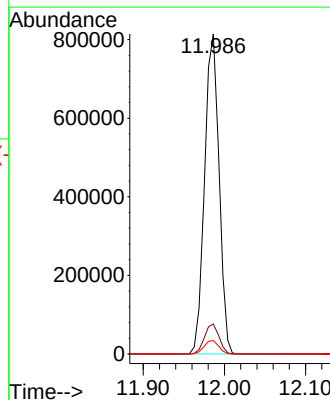
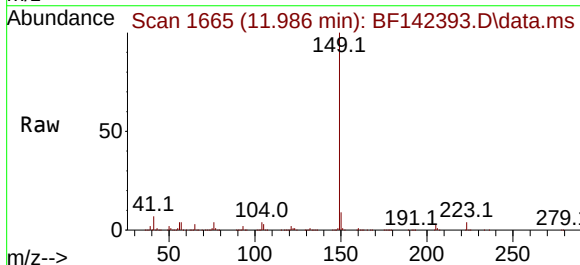
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:167 Resp: 992323  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.2 25.8  
 139 12.5 10.3 15.5

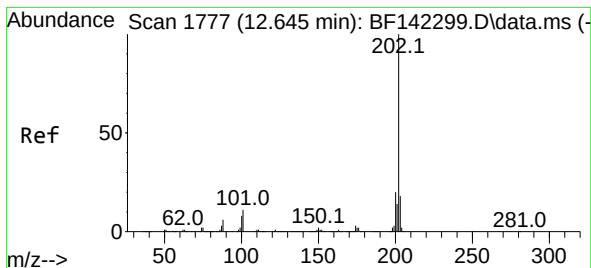


#74  
 Di-n-butylphthalate  
 Concen: 38.341 ng  
 RT: 11.986 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

Tgt Ion:149 Resp: 1006116  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.5 11.3  
 104 4.2 3.6 5.4







#75

Fluoranthene

Concen: 35.991 ng

RT: 12.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

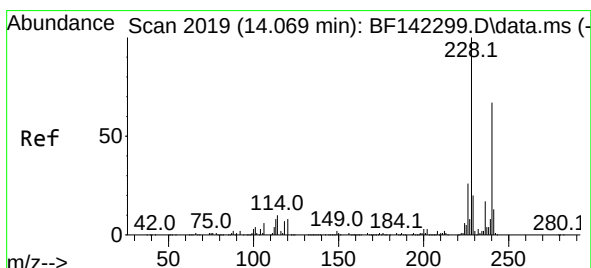
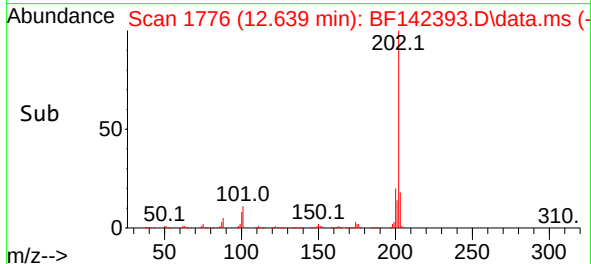
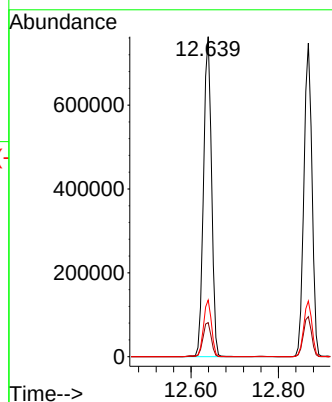
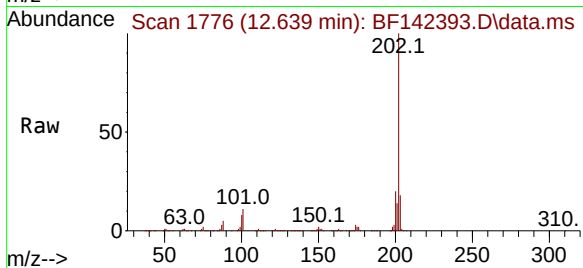
Tgt Ion:202 Resp: 973939

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

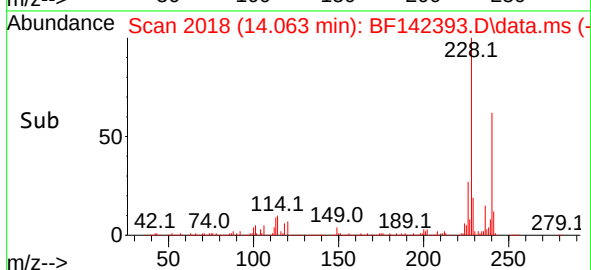
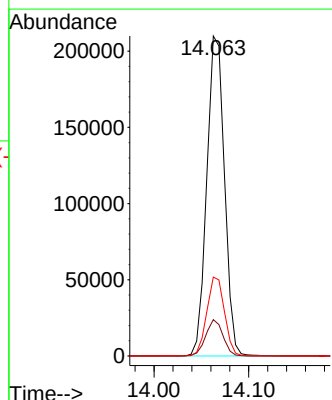
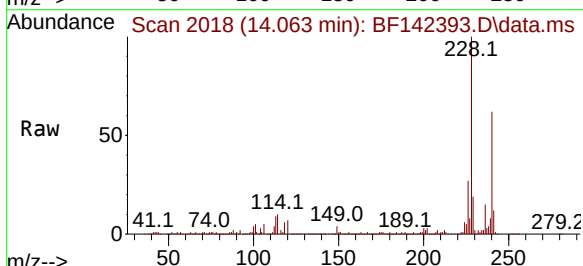
Tgt Ion:240 Resp: 271993

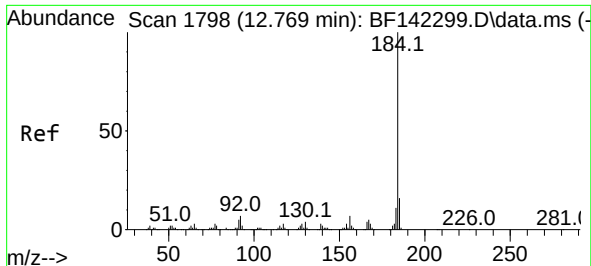
Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

236 24.6 20.0 30.0

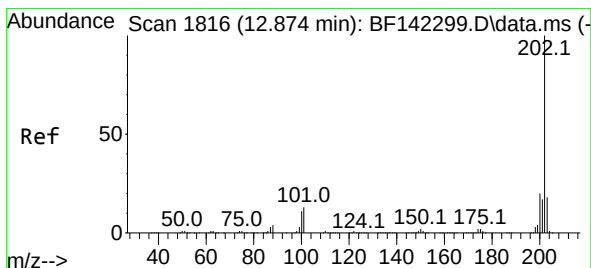
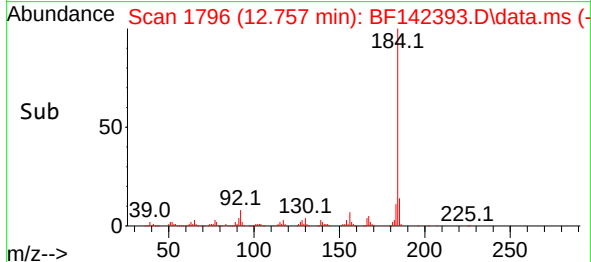
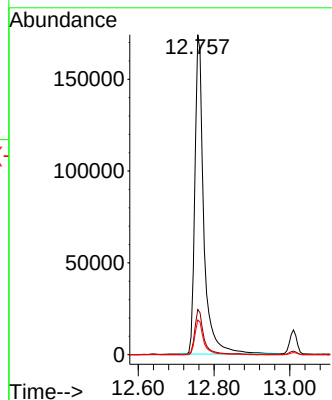
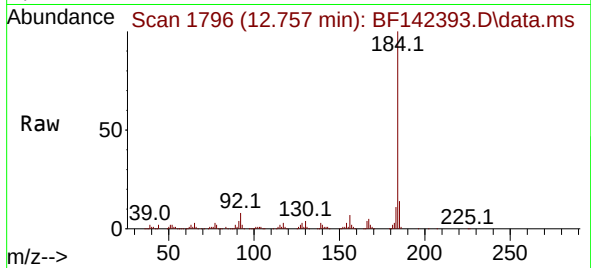




#77  
Benzidine  
Concen: 57.977 ng  
RT: 12.757 min Scan# 1796  
Delta R.T. -0.012 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

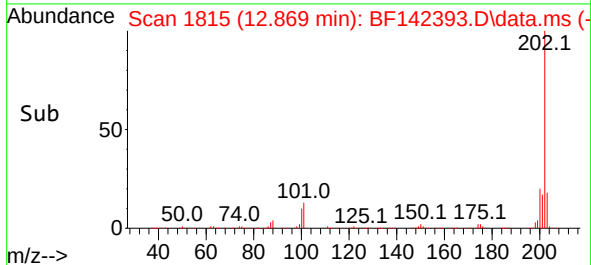
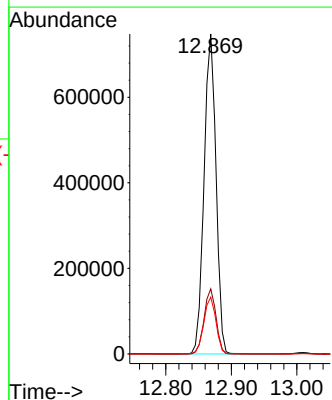
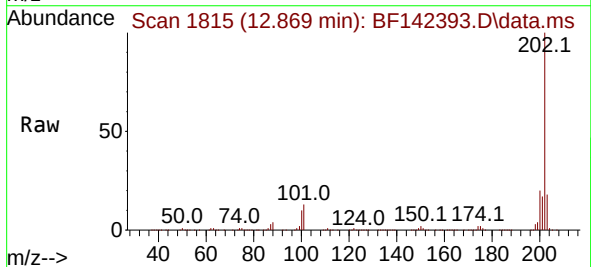
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

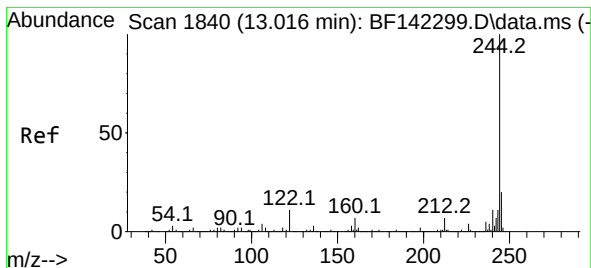
Tgt Ion:184 Resp: 286571  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.6 18.8  
183 10.9 8.6 12.8



#78  
Pyrene  
Concen: 39.287 ng  
RT: 12.869 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:202 Resp: 951146  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.2 24.4  
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 74.094 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

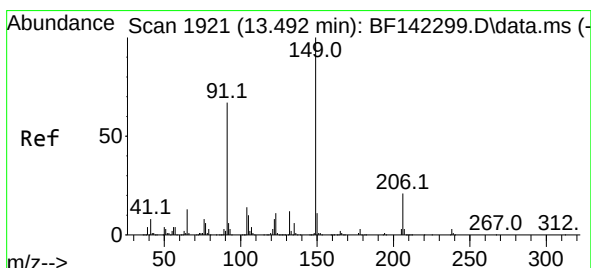
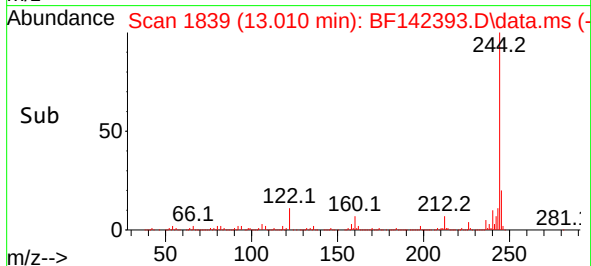
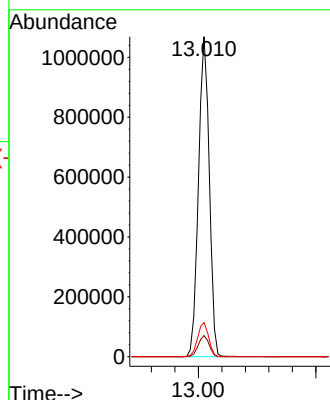
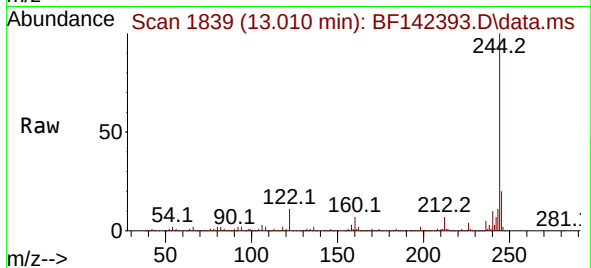
Tgt Ion:244 Resp: 1361597

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 39.733 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

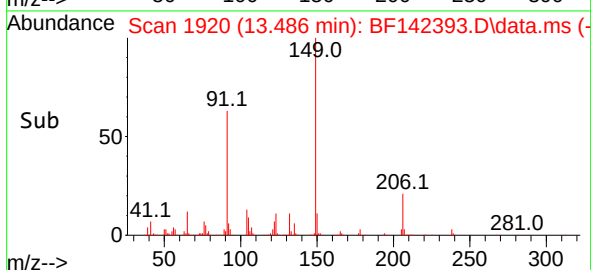
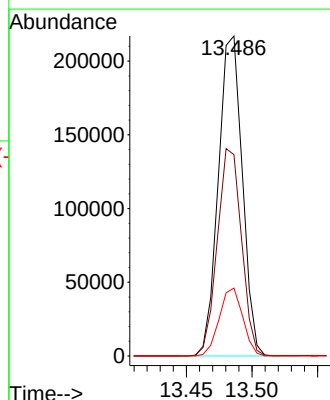
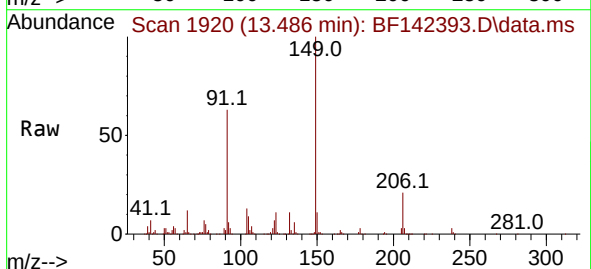
Tgt Ion:149 Resp: 275909

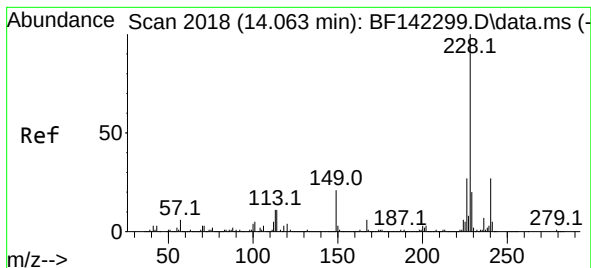
Ion Ratio Lower Upper

149 100

91 62.9 53.8 80.6

206 21.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 42.508 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

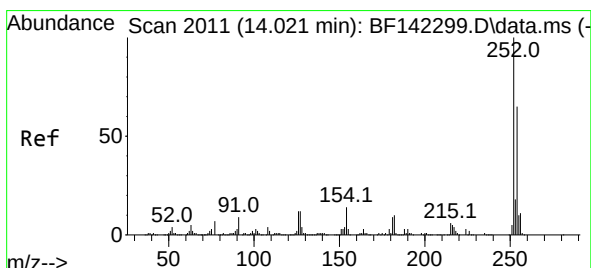
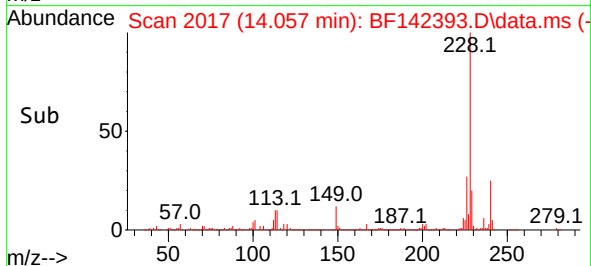
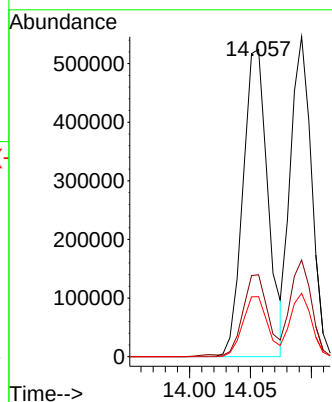
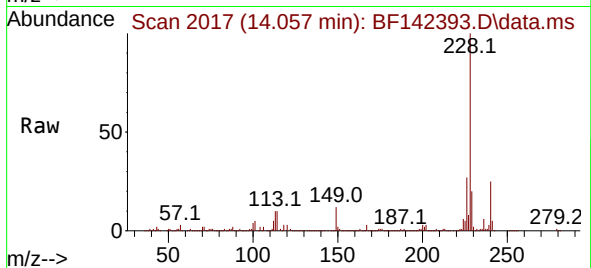
Tgt Ion:228 Resp: 748759

Ion Ratio Lower Upper

228 100

226 26.7 21.5 32.3

229 19.5 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 60.226 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.005 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

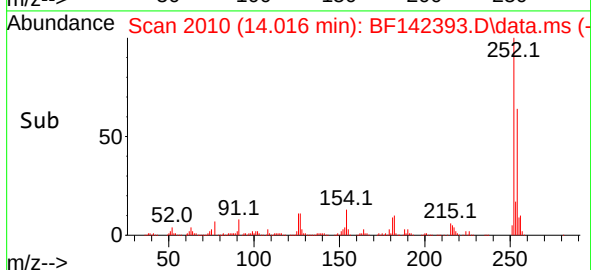
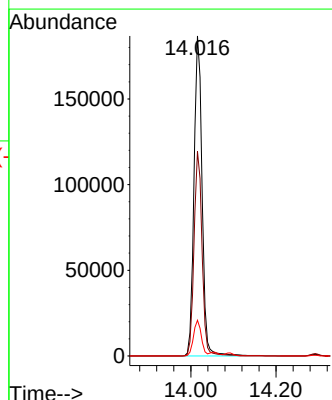
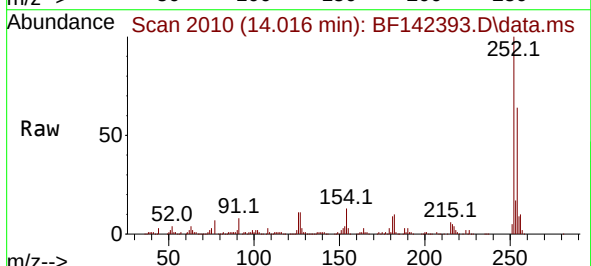
Tgt Ion:252 Resp: 246699

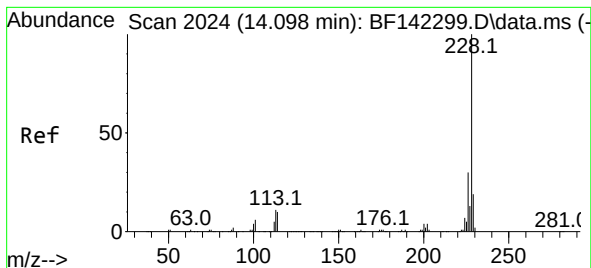
Ion Ratio Lower Upper

252 100

254 63.9 52.0 78.0

126 11.2 9.7 14.5





#83

Chrysene

Concen: 40.078 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

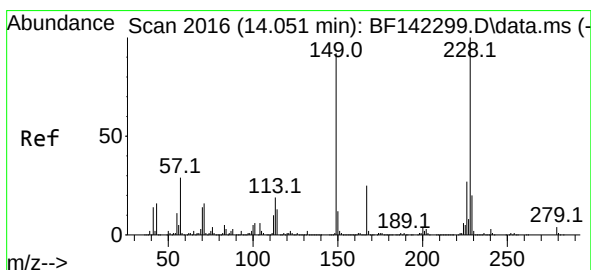
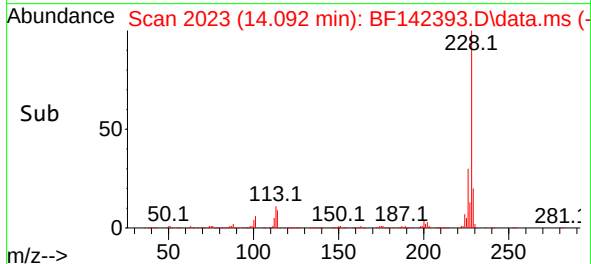
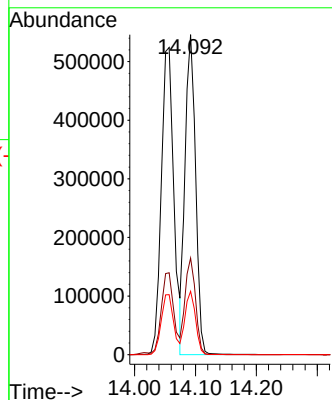
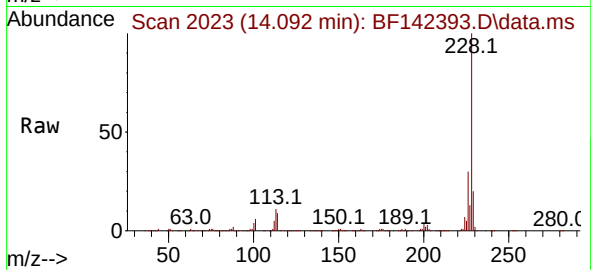
Tgt Ion:228 Resp: 657195

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: 39.920 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

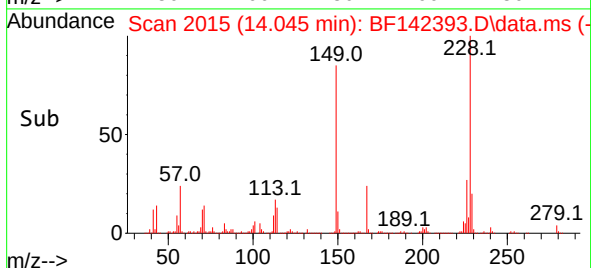
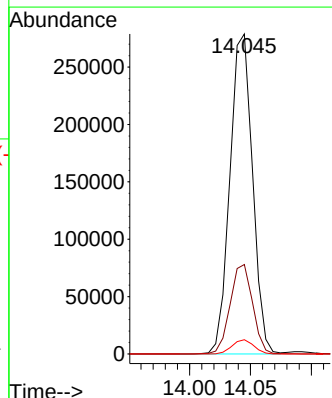
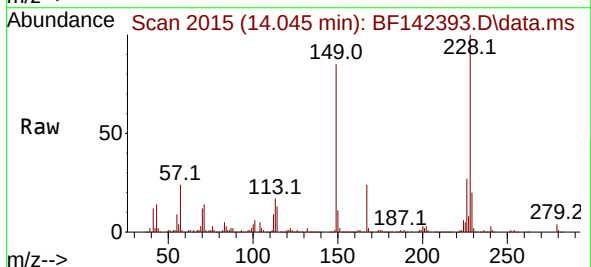
Tgt Ion:149 Resp: 360103

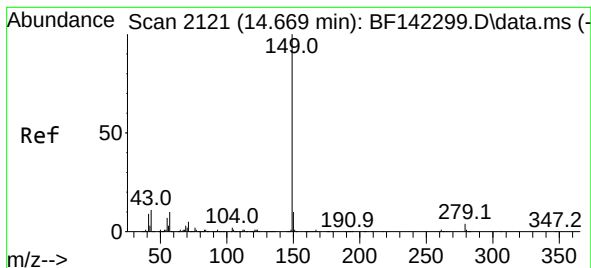
Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.523 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

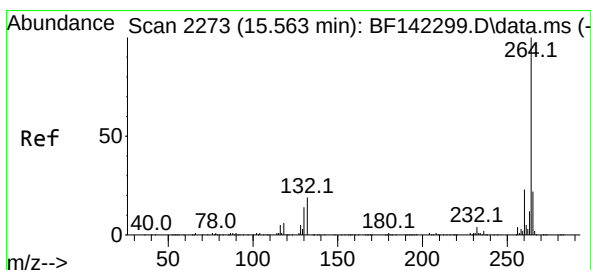
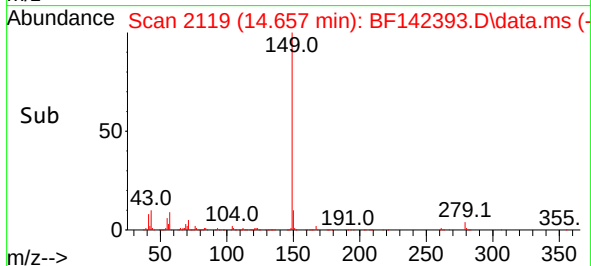
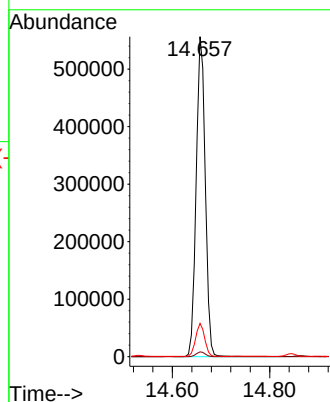
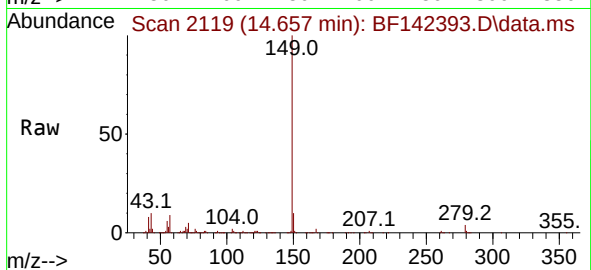
Tgt Ion:149 Resp: 727339

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.2 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142393.D

Acq: 15 May 2025 15:41

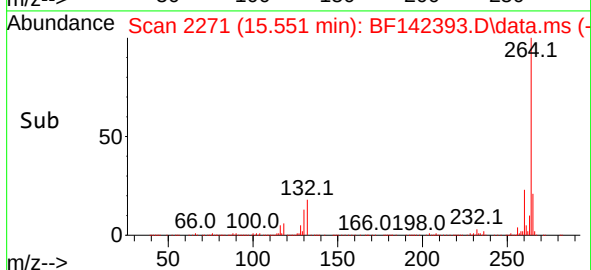
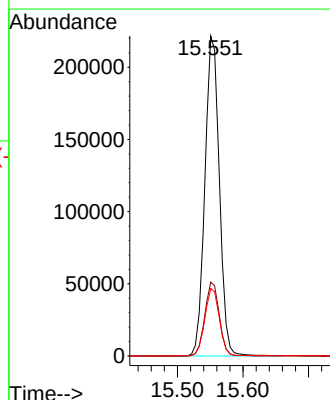
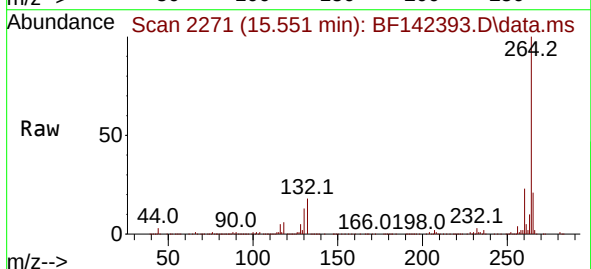
Tgt Ion:264 Resp: 340967

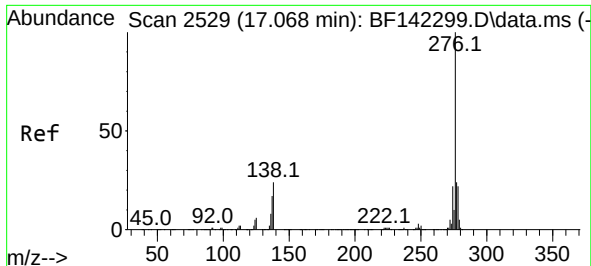
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.1 17.5 26.3

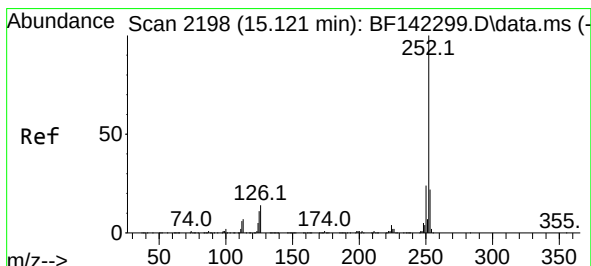
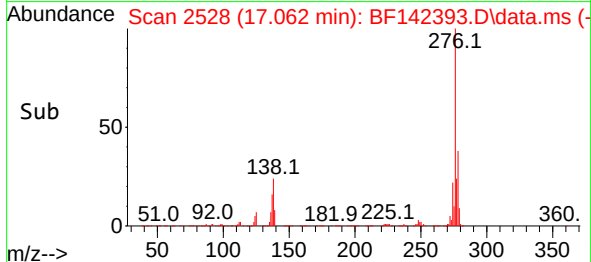
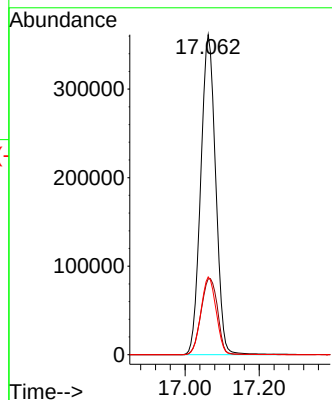
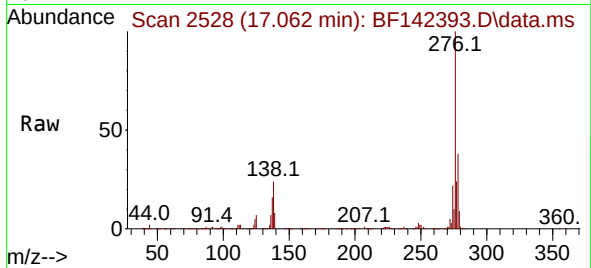




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.582 ng  
 RT: 17.062 min Scan# 2197  
 Delta R.T. -0.006 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

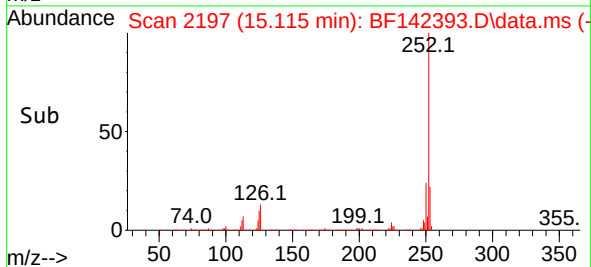
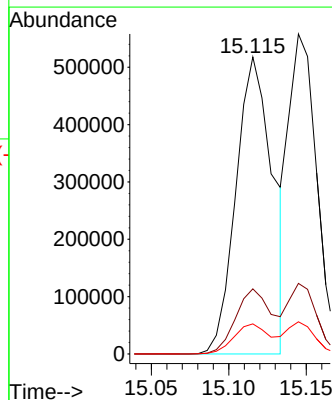
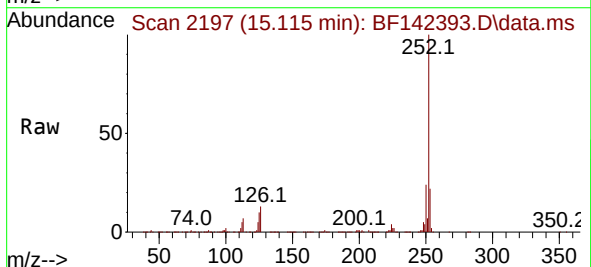
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

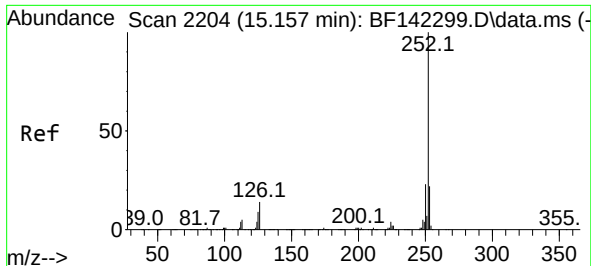
Tgt Ion:276 Resp: 1009986  
 Ion Ratio Lower Upper  
 276 100  
 138 26.3 22.0 33.0  
 277 24.9 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 41.317 ng  
 RT: 15.115 min Scan# 2197  
 Delta R.T. -0.006 min  
 Lab File: BF142393.D  
 Acq: 15 May 2025 15:41

Tgt Ion:252 Resp: 853236  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.7 26.5  
 125 10.1 8.7 13.1

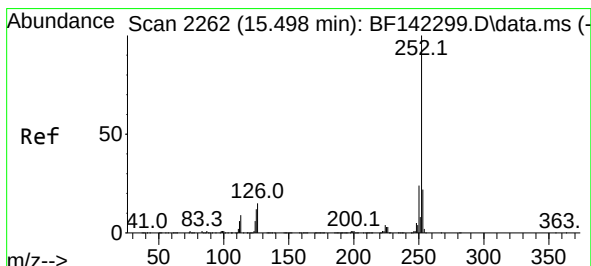
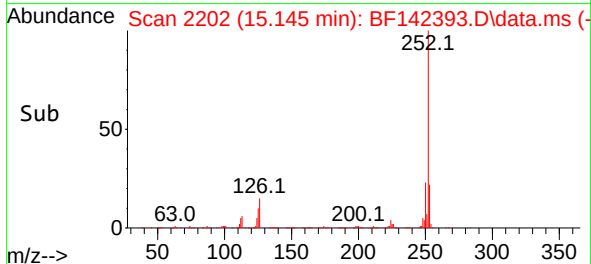
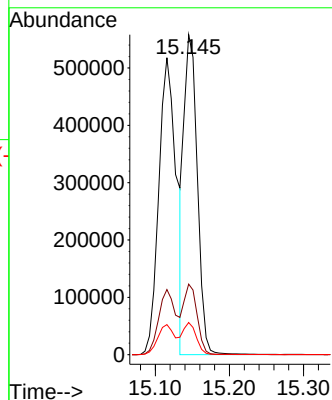
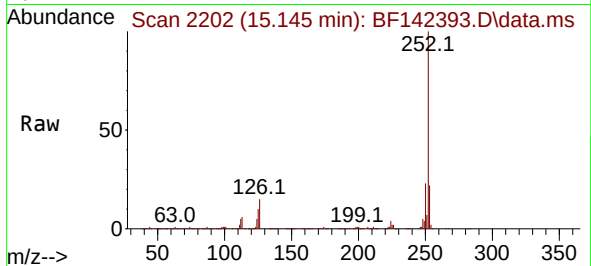




#89  
Benzo(k)fluoranthene  
Concen: 37.113 ng  
RT: 15.145 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

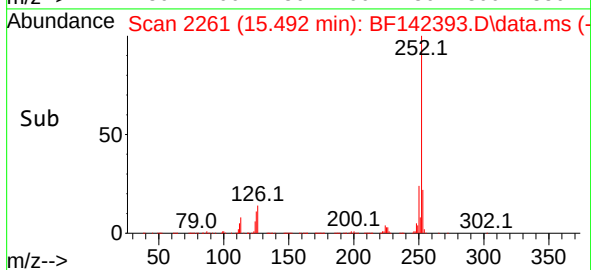
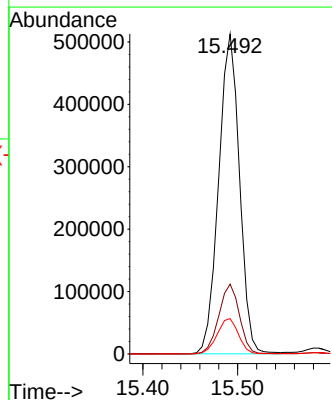
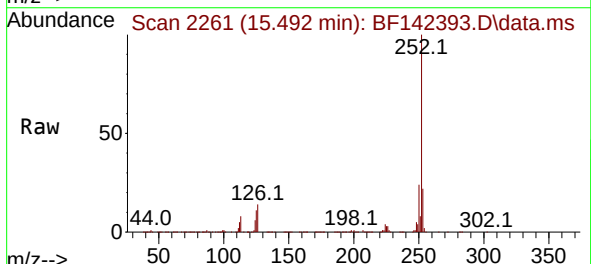
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 701372  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 10.1 8.1 12.1

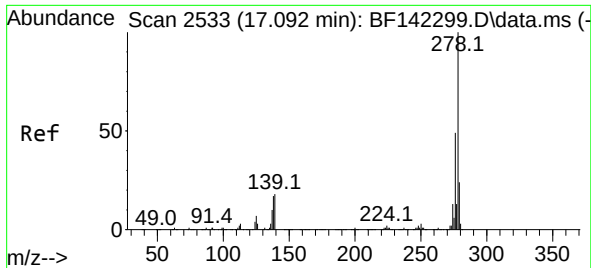


#90  
Benzo(a)pyrene  
Concen: 42.388 ng  
RT: 15.492 min Scan# 2261  
Delta R.T. -0.006 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:252 Resp: 784416  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 11.1 9.4 14.0



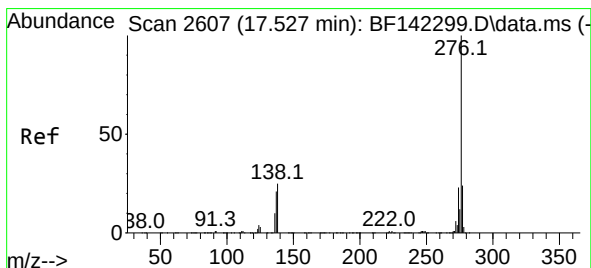
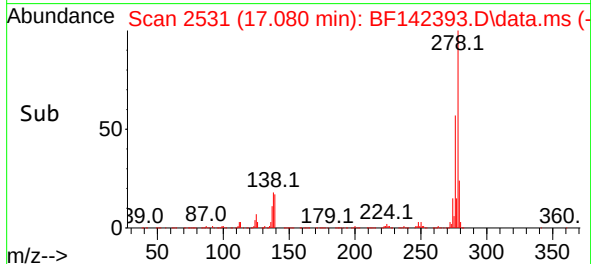
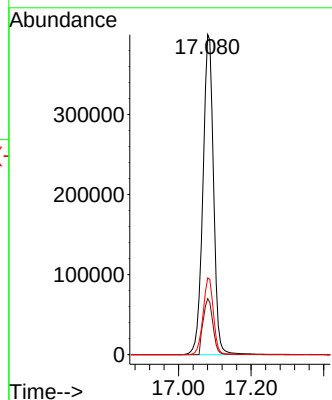
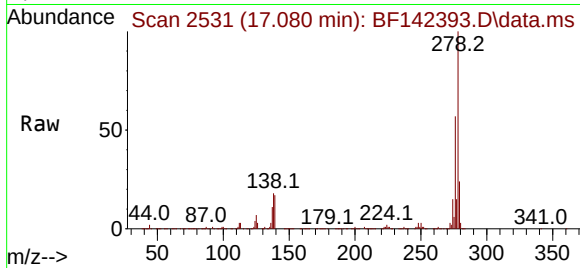




#91  
Dibenzo(a,h)anthracene  
Concen: 41.561 ng  
RT: 17.080 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 814409  
Ion Ratio Lower Upper  
278 100  
139 17.5 14.5 21.7  
279 24.0 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 42.095 ng  
RT: 17.515 min Scan# 2605  
Delta R.T. -0.012 min  
Lab File: BF142393.D  
Acq: 15 May 2025 15:41

Tgt Ion:276 Resp: 818684  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.0 28.6  
138 22.9 19.8 29.6

