

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022525\  
 Data File : BF141755.D  
 Acq On : 25 Feb 2025 10:34  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 25 11:03:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 83876    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 333850   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 179797   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 280239   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 13.939 | 240  | 152344   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 15.386 | 264  | 167961   | 20.000 | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 462555   | 86.457 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 561086   | 82.975 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 513035   | 80.153 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 137629   | 76.201 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 966496   | 82.817 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.886 | 244  | 817377   | 90.576 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.457  | 88   | 87358    | 40.569 | ng    | 98       |
| 3) Pyridine                   | 3.187  | 79   | 217499   | 42.447 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.146  | 42   | 123127   | 36.290 | ng    | 91       |
| 6) Aniline                    | 6.445  | 93   | 257077   | 40.528 | ng    | 88       |
| 8) 2-Chlorophenol             | 6.575  | 128  | 245401   | 42.450 | ng    | 99       |
| 9) Benzaldehyde               | 6.334  | 77   | 157405   | 43.804 | ng    | 98       |
| 10) Phenol                    | 6.445  | 94   | 292725   | 41.592 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 219867   | 41.592 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 263327   | 43.146 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 266619   | 42.757 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 250123   | 43.218 | ng    | 100      |
| 15) Benzyl Alcohol            | 6.934  | 79   | 205915   | 39.710 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 347691   | 38.422 | ng    | 60       |
| 17) 2-Methylphenol            | 7.051  | 107  | 186964   | 41.327 | ng    | 95       |
| 18) Hexachloroethane          | 7.292  | 117  | 97445    | 42.225 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 166444   | 41.150 | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 241843   | 42.065 | ng    | # 80     |
| 22) Acetophenone              | 7.192  | 105  | 337823   | 40.679 | ng    | 92       |
| 24) Nitrobenzene              | 7.369  | 77   | 251798   | 40.343 | ng    | 98       |
| 25) Isophorone                | 7.604  | 82   | 412929   | 40.460 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.687  | 139  | 132793   | 42.764 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 152449   | 42.025 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 273434   | 41.812 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 205263   | 41.878 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 222891   | 41.760 | ng    | 100      |
| 31) Naphthalene               | 8.086  | 128  | 716264   | 41.216 | ng    | 100      |
| 32) Benzoic acid              | 7.863  | 122  | 121186   | 32.162 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.139  | 127  | 253211   | 41.733 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 133921   | 41.794 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 57557    | 38.568 | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 216842   | 39.939 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 467144   | 41.309 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 442044   | 40.360 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 223056   | 42.881 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.928  | 237  | 71295    | 41.208 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 137576   | 40.921 | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

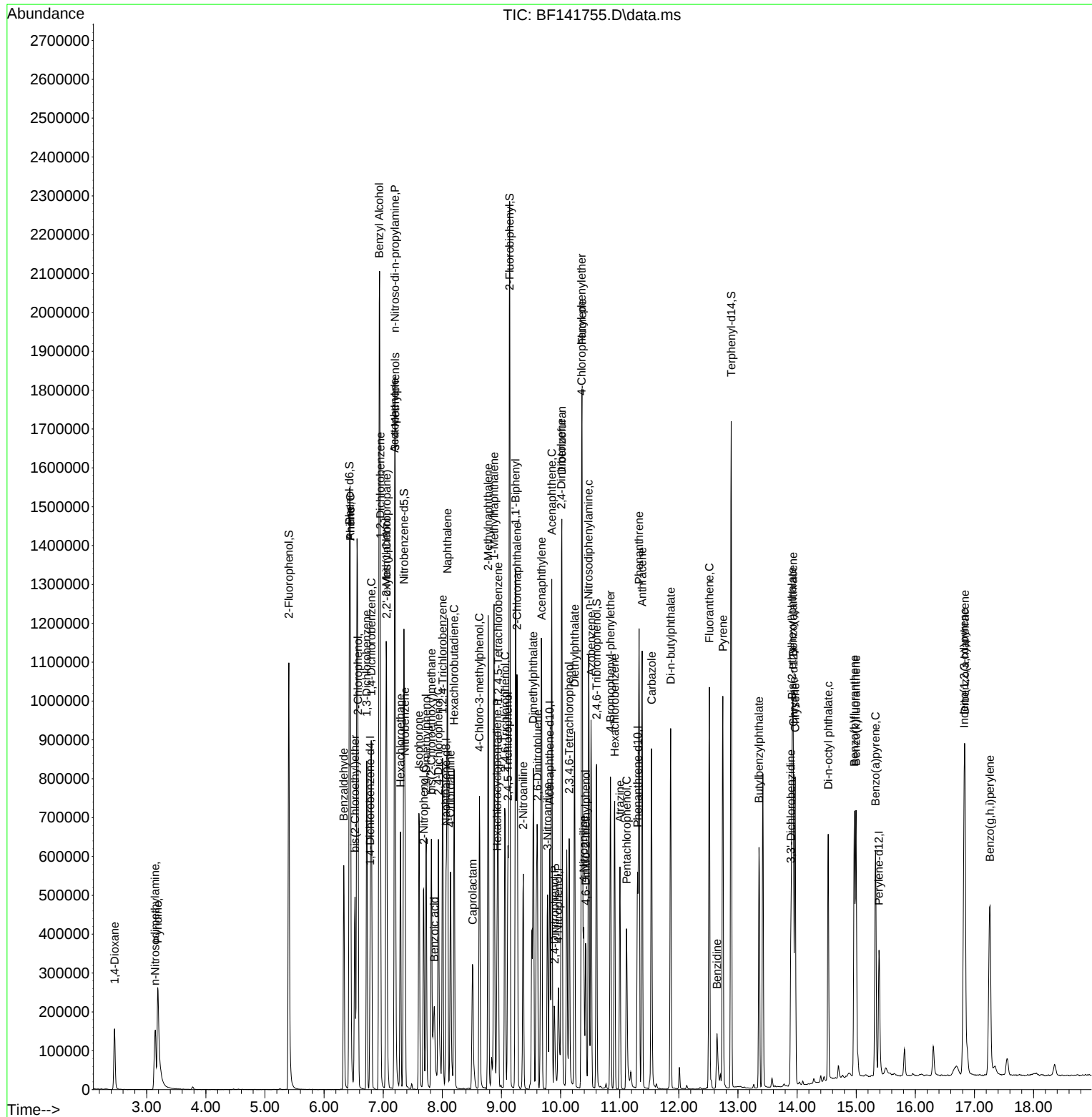
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 145193   | 39.849 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 579898   | 41.602 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.263  | 162  | 432433   | 41.952 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.369  | 65   | 130023   | 37.587 | ng    | 93       |
| 49) Acenaphthylene            | 9.681  | 152  | 624325   | 40.722 | ng    | 100      |
| 50) Dimethylphthalate         | 9.539  | 163  | 497613   | 40.768 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.610  | 165  | 105812   | 39.655 | ng    | 95       |
| 52) Acenaphthene              | 9.851  | 154  | 405354   | 39.327 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.781  | 138  | 109691   | 38.195 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 55724    | 35.138 | ng    | 90       |
| 55) Dibenzofuran              | 10.022 | 168  | 601113   | 39.732 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 74346    | 34.873 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 135376   | 38.111 | ng    | 95       |
| 58) Fluorene                  | 10.363 | 166  | 462911   | 39.572 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232  | 119131   | 37.977 | ng    | 96       |
| 60) Diethylphthalate          | 10.239 | 149  | 475797   | 39.619 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.357 | 204  | 231758   | 41.182 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 102774   | 35.243 | ng    | 96       |
| 63) Azobenzene                | 10.516 | 77   | 459724   | 38.507 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.428 | 198  | 76253    | 39.171 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.475 | 169  | 389832   | 43.456 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.845 | 248  | 138581   | 44.246 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.916 | 284  | 141111   | 43.753 | ng    | 98       |
| 69) Atrazine                  | 11.004 | 200  | 96315    | 35.789 | ng    | 99       |
| 70) Pentachlorophenol         | 11.116 | 266  | 81715    | 39.625 | ng    | 100      |
| 71) Phenanthrene              | 11.327 | 178  | 631134   | 40.914 | ng    | 100      |
| 72) Anthracene                | 11.380 | 178  | 643431   | 41.494 | ng    | 100      |
| 73) Carbazole                 | 11.539 | 167  | 535192   | 38.357 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.863 | 149  | 655095   | 40.662 | ng    | 99       |
| 75) Fluoranthene              | 12.516 | 202  | 600259   | 36.703 | ng    | 100      |
| 77) Benzidine                 | 12.645 | 184  | 123930   | 36.886 | ng    | 100      |
| 78) Pyrene                    | 12.745 | 202  | 591308   | 45.595 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.357 | 149  | 198892   | 44.277 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 424696   | 41.938 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 128425   | 44.271 | ng    | 98       |
| 83) Chrysene                  | 13.968 | 228  | 387162   | 41.405 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.916 | 149  | 251728   | 49.688 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.527 | 149  | 408656   | 56.543 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.827 | 276  | 502156   | 48.386 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.968 | 252  | 393427   | 34.885 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.998 | 252  | 333990   | 34.682 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.327 | 252  | 369170   | 40.454 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.839 | 278  | 412131   | 49.009 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.262 | 276  | 427677   | 48.600 | ng    | 100      |

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

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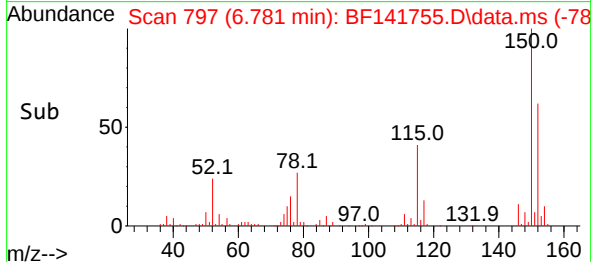
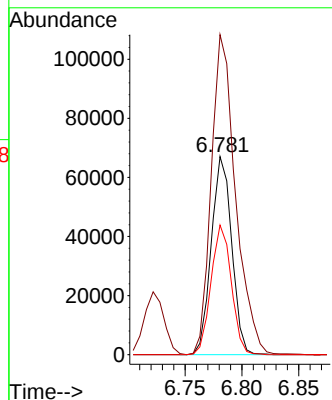
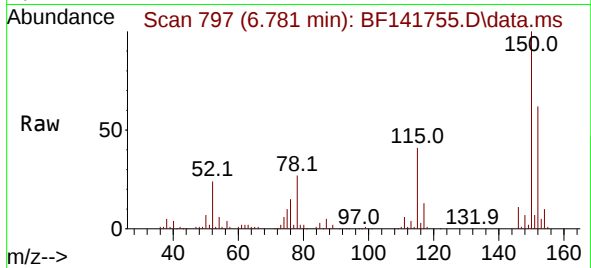




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF141755.D  
 Acq: 25 Feb 2025 10:34

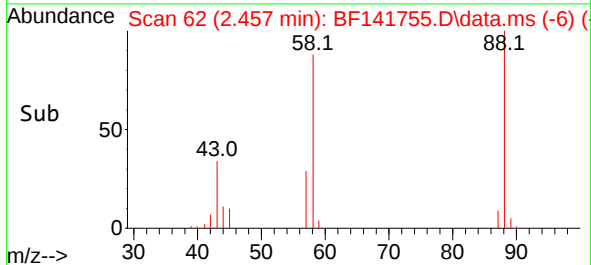
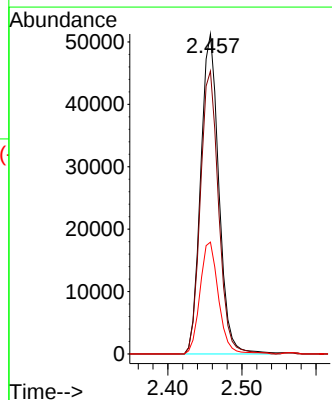
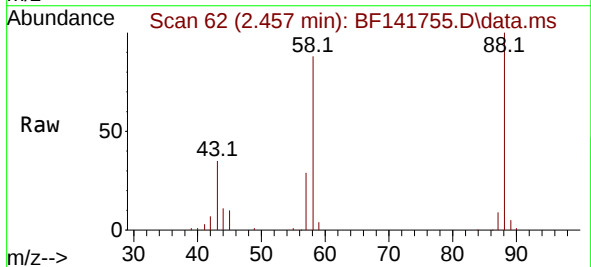
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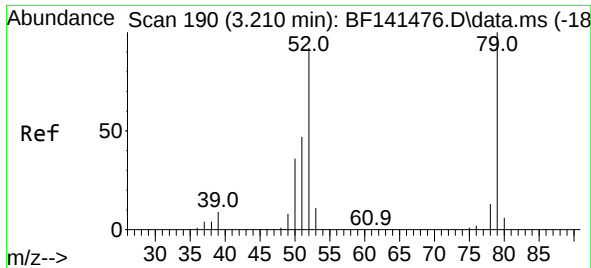
Tgt Ion:152 Resp: 83876  
 Ion Ratio Lower Upper  
 152 100  
 150 161.5 125.0 187.4  
 115 65.4 53.6 80.4



#2  
 1,4-Dioxane  
 Concen: 40.569 ng  
 RT: 2.457 min Scan# 62  
 Delta R.T. -0.023 min  
 Lab File: BF141755.D  
 Acq: 25 Feb 2025 10:34

Tgt Ion: 88 Resp: 87358  
 Ion Ratio Lower Upper  
 88 100  
 58 88.3 71.1 106.7  
 43 35.6 30.6 46.0





#3

Pyridine

Concen: 42.447 ng

RT: 3.187 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

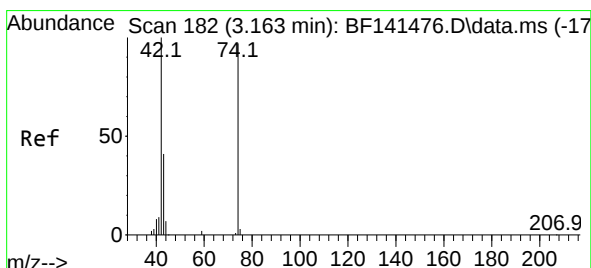
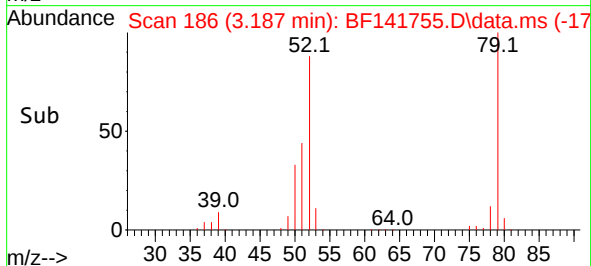
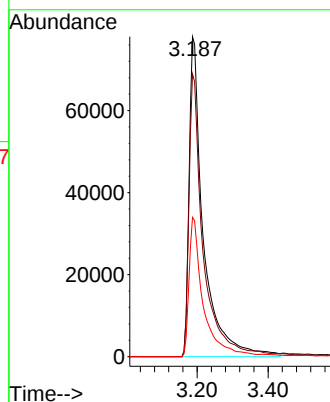
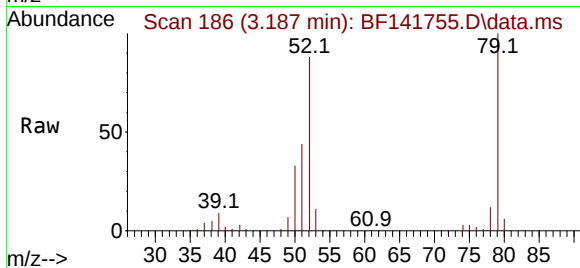
Tgt Ion: 79 Resp: 217499

Ion Ratio Lower Upper

79 100

52 88.4 73.7 110.5

51 43.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.290 ng

RT: 3.146 min Scan# 179

Delta R.T. -0.041 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

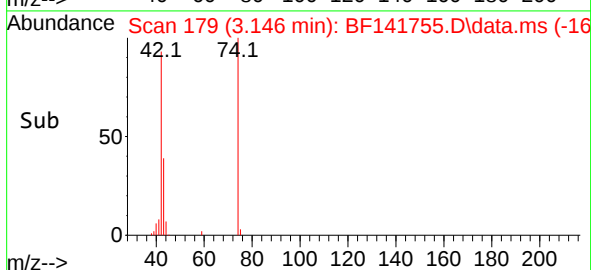
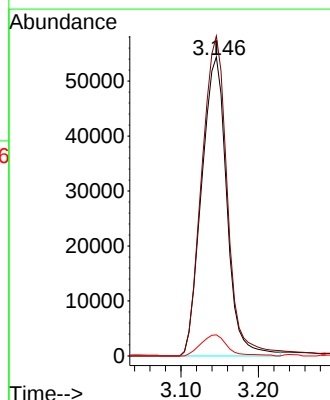
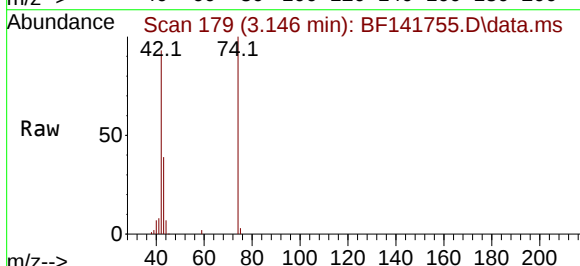
Tgt Ion: 42 Resp: 123127

Ion Ratio Lower Upper

42 100

74 107.0 78.0 117.0

44 7.1 5.4 8.2

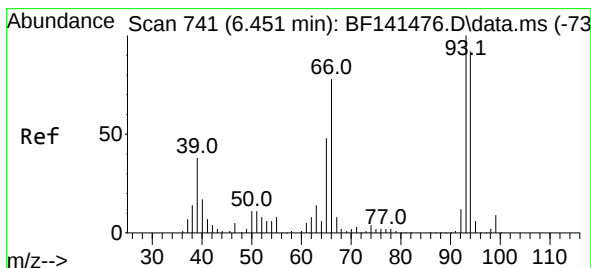
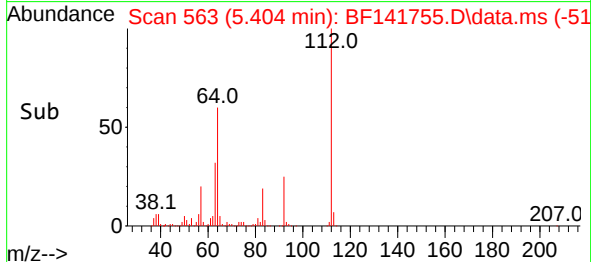
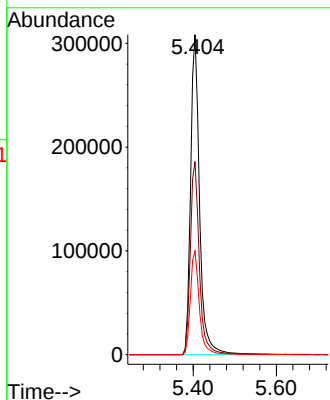
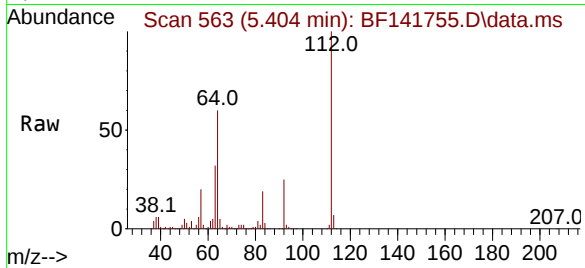




#5  
2-Fluorophenol  
Concen: 86.457 ng  
RT: 5.404 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

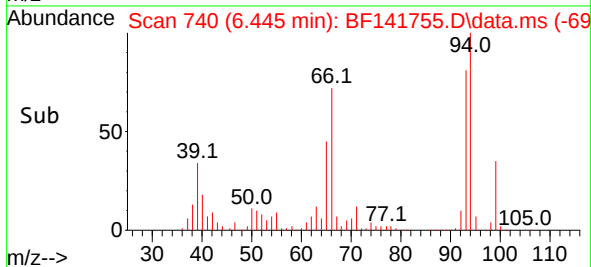
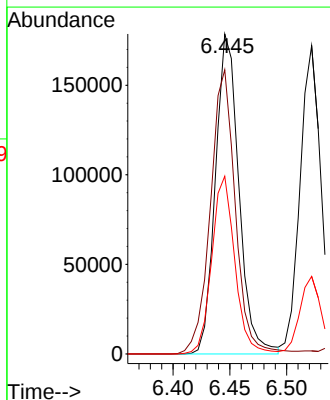
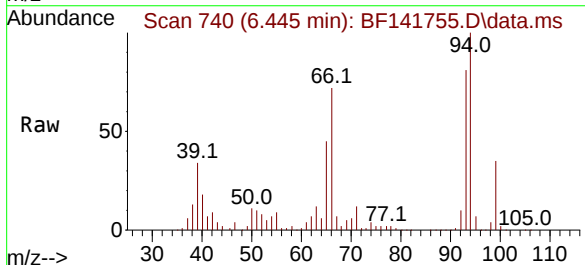
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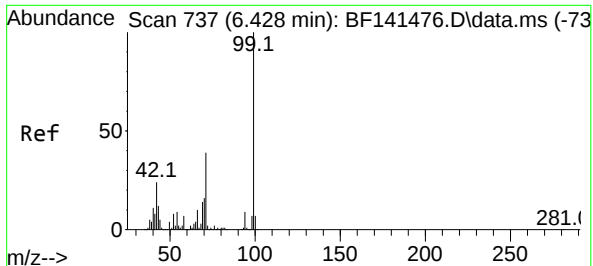
Tgt Ion:112 Resp: 462555  
Ion Ratio Lower Upper  
112 100  
64 60.3 51.1 76.7  
63 32.4 28.4 42.6



#6  
Aniline  
Concen: 40.528 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
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Tgt Ion: 93 Resp: 257077  
Ion Ratio Lower Upper  
93 100  
66 88.8 62.6 94.0  
65 55.6 38.3 57.5

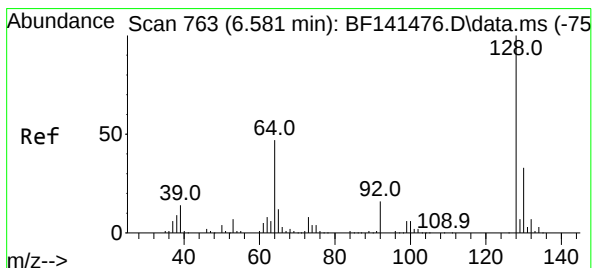
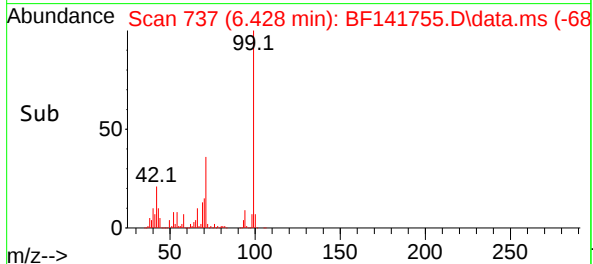
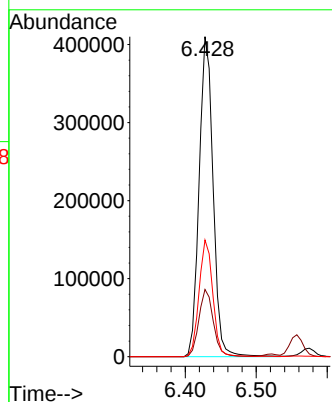
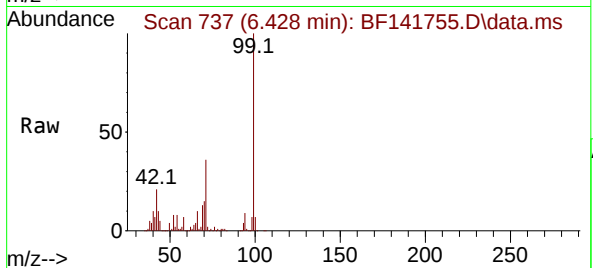




#7  
Phenol-d6  
Concen: 82.975 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

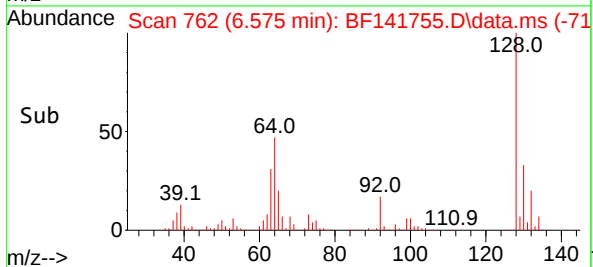
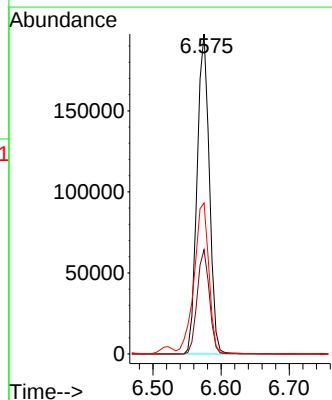
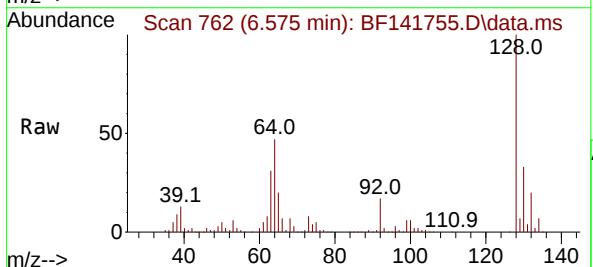
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Tgt Ion: 99 Resp: 561086  
Ion Ratio Lower Upper  
99 100  
42 21.0 19.1 28.7  
71 36.4 31.1 46.7



#8  
2-Chlorophenol  
Concen: 42.450 ng  
RT: 6.575 min Scan# 762  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
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Tgt Ion:128 Resp: 245401  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.7 52.7  
64 47.2 28.3 68.3

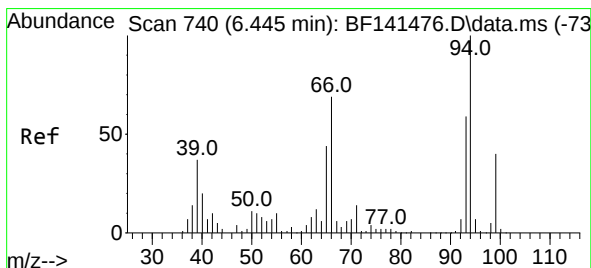
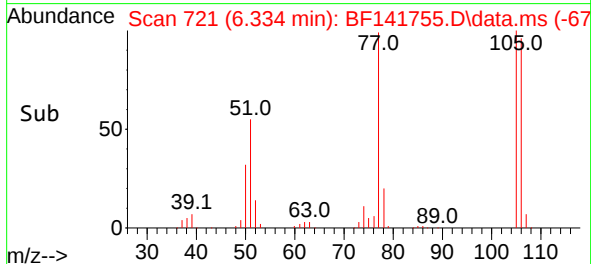
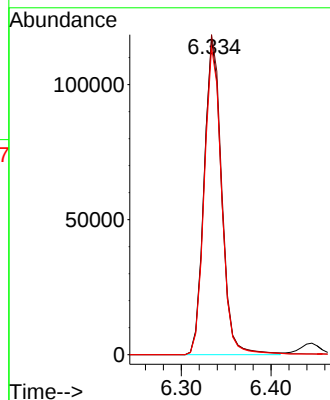
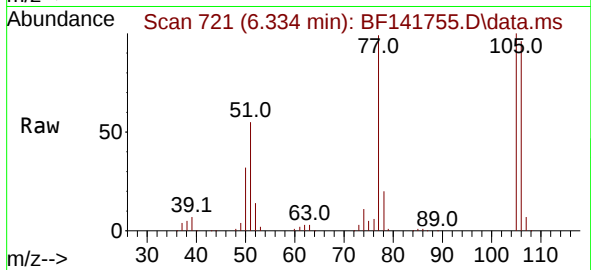




#9  
Benzaldehyde  
Concen: 43.804 ng  
RT: 6.334 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

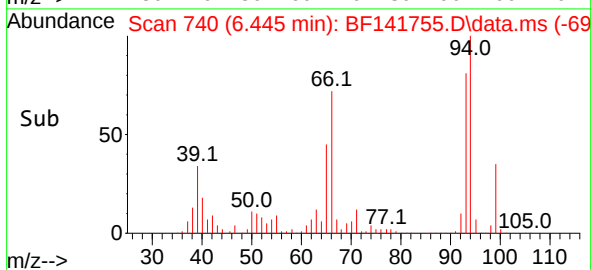
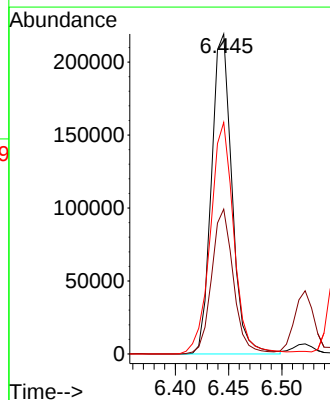
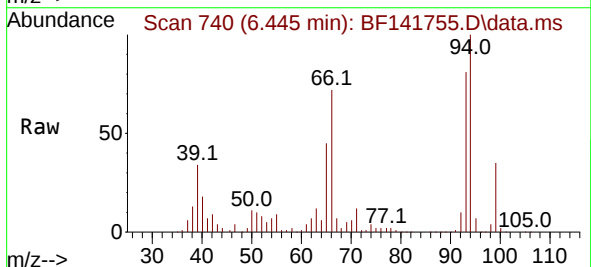
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 157405  
Ion Ratio Lower Upper  
77 100  
105 101.4 79.4 119.4  
106 97.4 75.1 115.1



#10  
Phenol  
Concen: 41.592 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion: 94 Resp: 292725  
Ion Ratio Lower Upper  
94 100  
65 45.3 23.7 63.7  
66 72.3 49.3 89.3

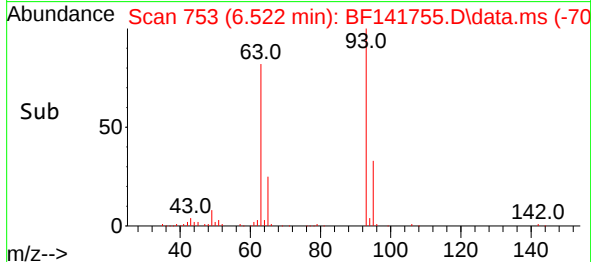
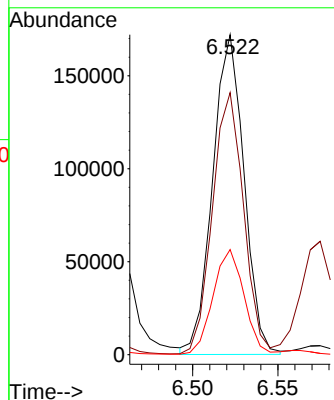
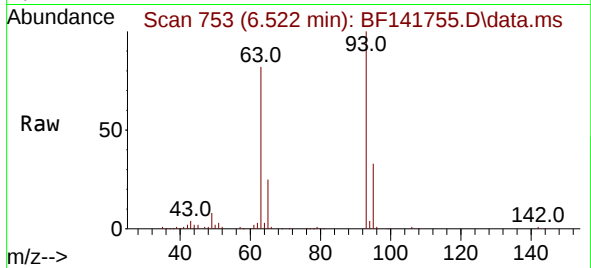




#11  
bis(2-Chloroethyl)ether  
Concen: 41.592 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

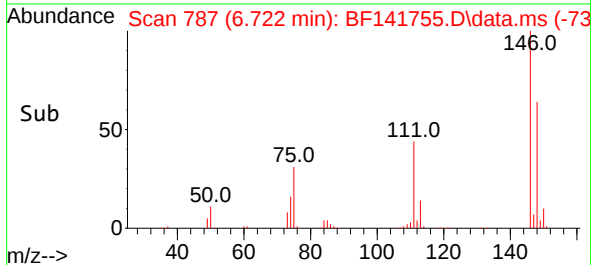
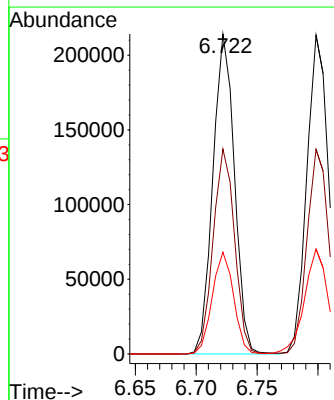
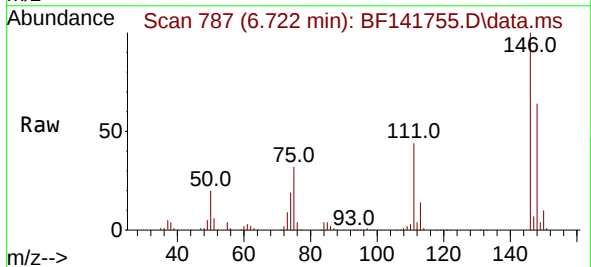
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 219867  
Ion Ratio Lower Upper  
93 100  
63 81.9 62.0 102.0  
95 32.8 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 43.146 ng  
RT: 6.722 min Scan# 787  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:146 Resp: 263327  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.9 77.9  
75 31.8 28.2 42.2

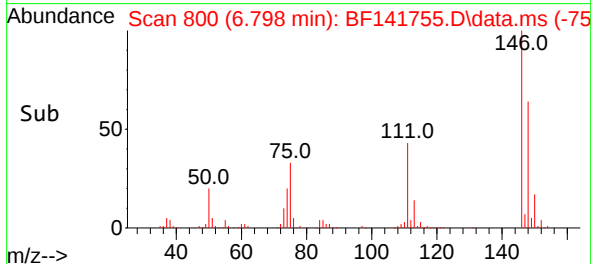
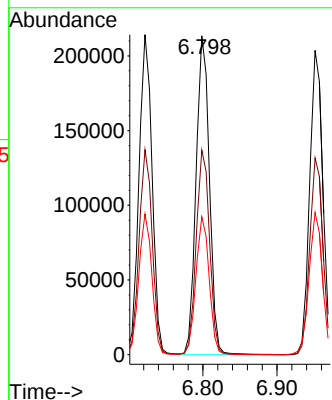
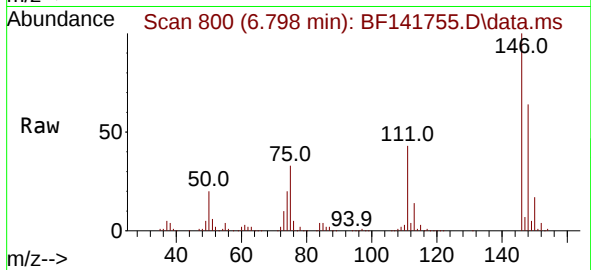




#13  
1,4-Dichlorobenzene  
Concen: 42.757 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

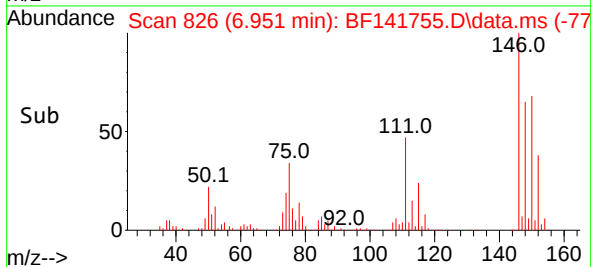
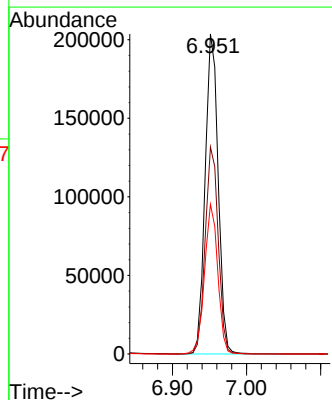
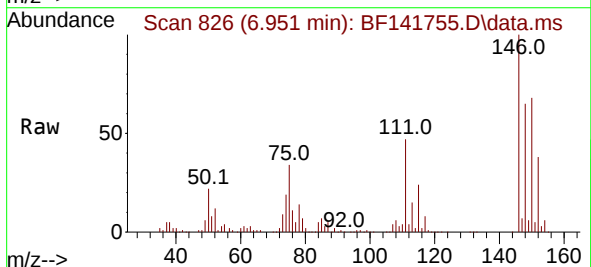
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

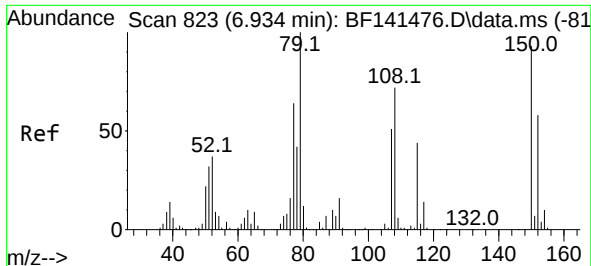
Tgt Ion:146 Resp: 266619  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.9 76.3  
111 43.2 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 43.218 ng  
RT: 6.951 min Scan# 826  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:146 Resp: 250123  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.8 77.6  
111 46.7 37.0 55.4

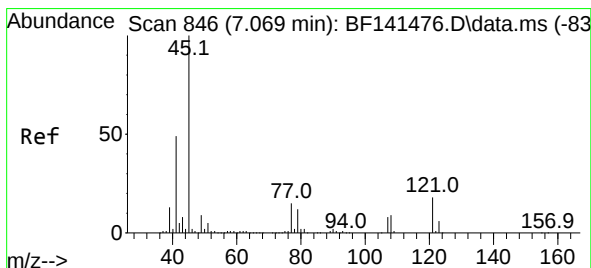
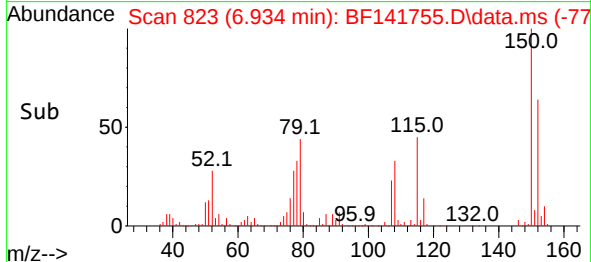
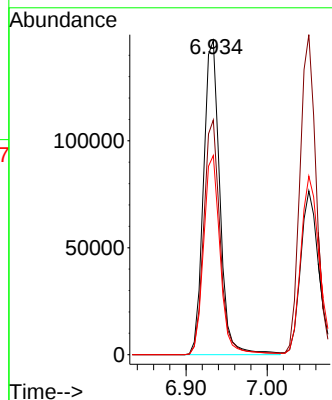
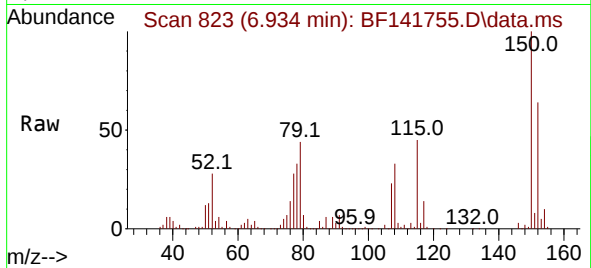




#15  
Benzyl Alcohol  
Concen: 39.710 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

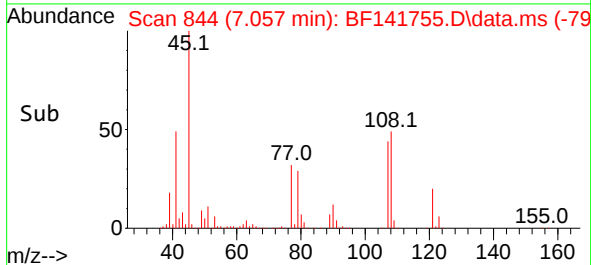
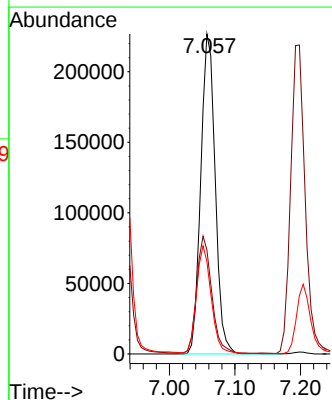
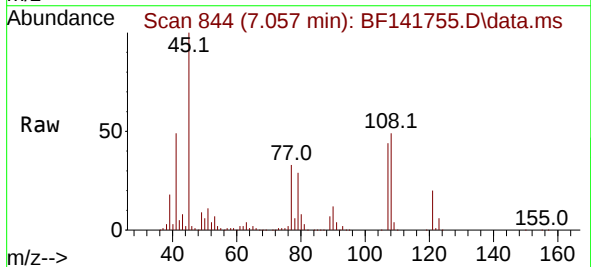
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

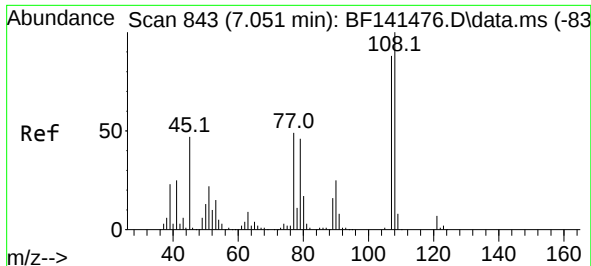
Tgt Ion: 79 Resp: 205915  
Ion Ratio Lower Upper  
79 100  
108 74.7 57.4 86.2  
77 63.4 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.422 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion: 45 Resp: 347691  
Ion Ratio Lower Upper  
45 100  
77 32.5 0.0 35.8  
79 28.8 0.0 32.7

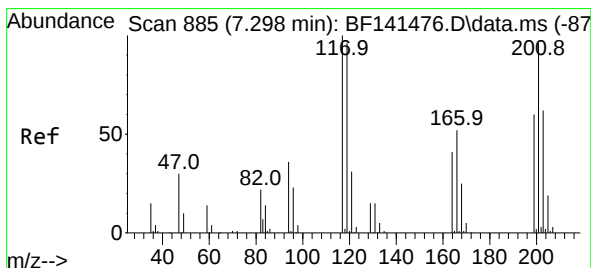
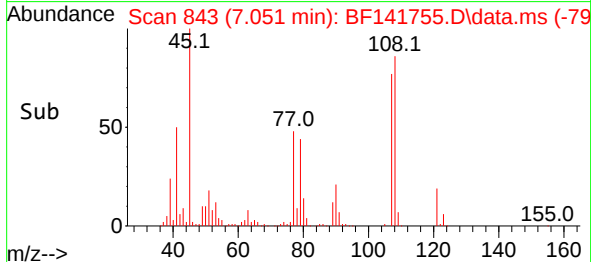
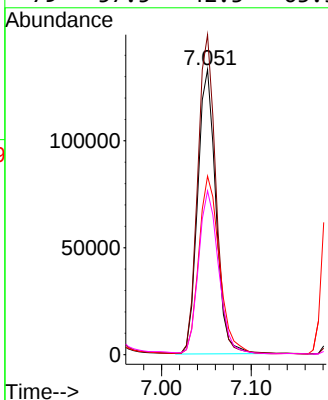
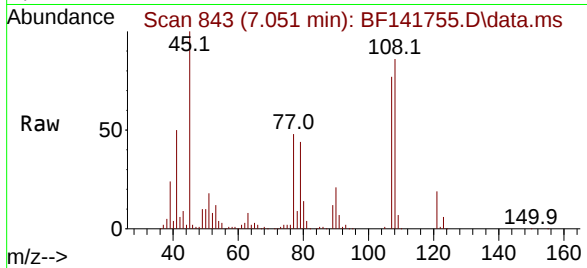




#17  
2-Methylphenol  
Concen: 41.327 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

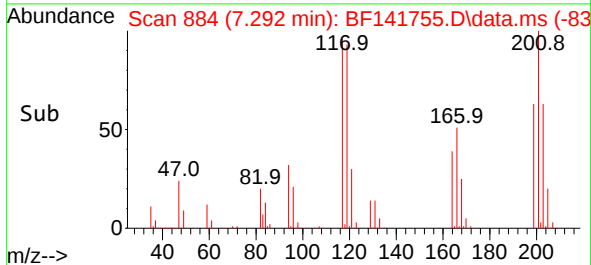
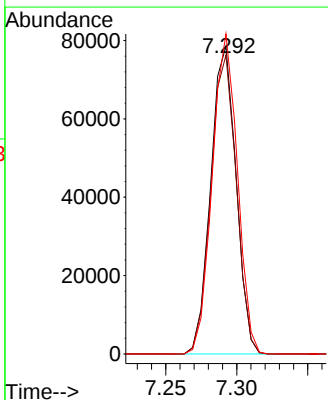
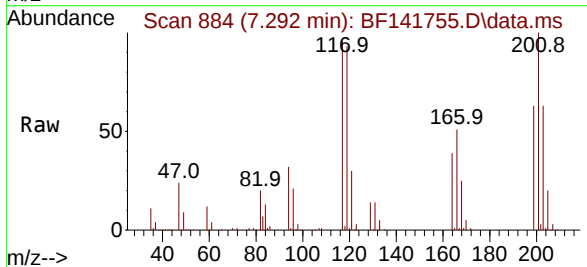
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 186964 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.2 | 90.6  | 136.0  |
| 77       | 62.7  | 44.4  | 66.6   |
| 79       | 57.5  | 42.3  | 63.5   |



#18  
Hexachloroethane  
Concen: 42.225 ng  
RT: 7.292 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 97445 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.1  | 76.5  | 114.7 |
| 201      | 103.9 | 76.7  | 115.1 |

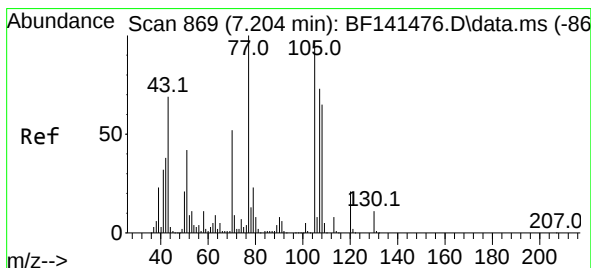
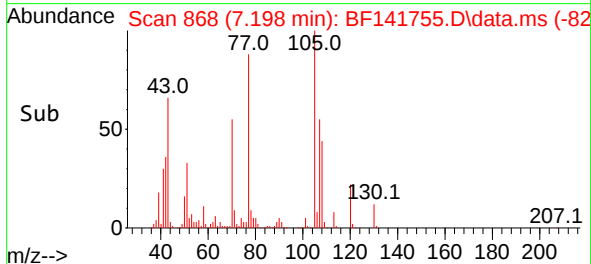
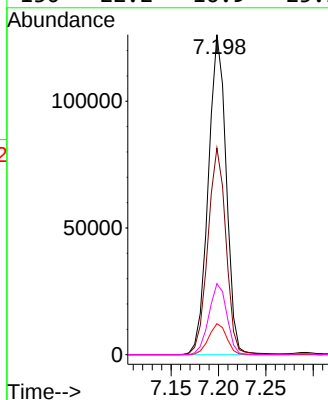
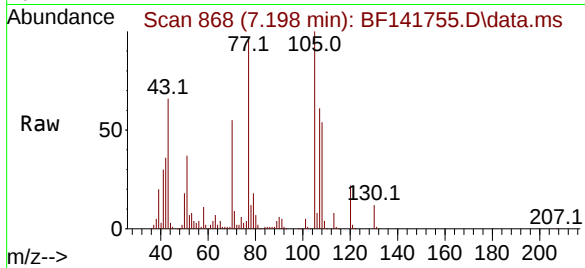




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.150 ng  
RT: 7.198 min Scan# 868  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

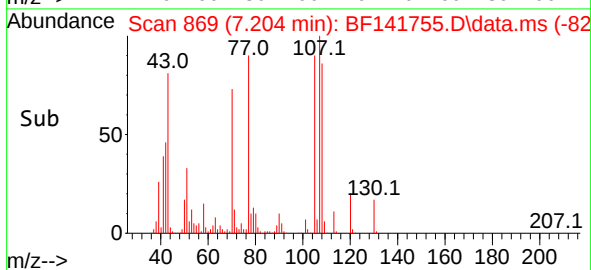
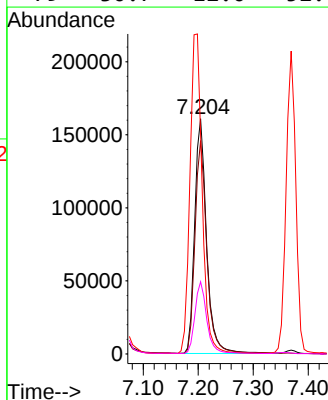
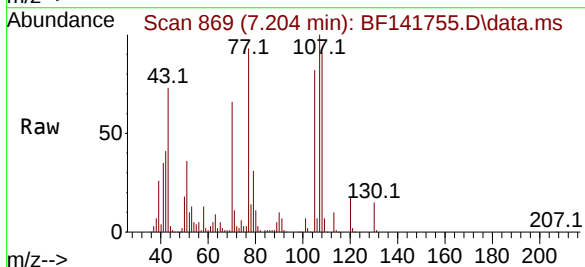
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 166444  
Ion Ratio Lower Upper  
70 100  
42 64.6 57.4 86.2  
101 9.7 8.0 12.0  
130 22.2 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 42.065 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion: 107 Resp: 241843  
Ion Ratio Lower Upper  
107 100  
108 90.7 68.5 108.5  
77 93.4 116.5 156.5#  
79 30.7 12.0 52.0

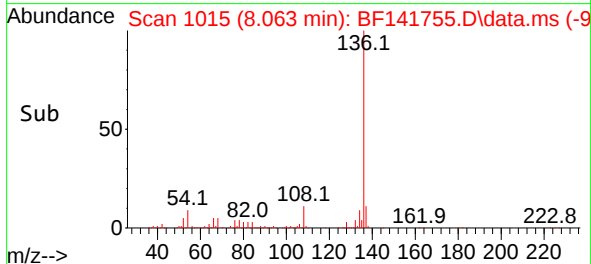
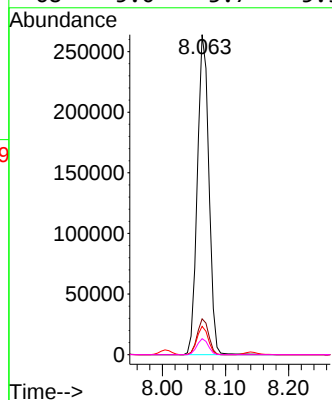
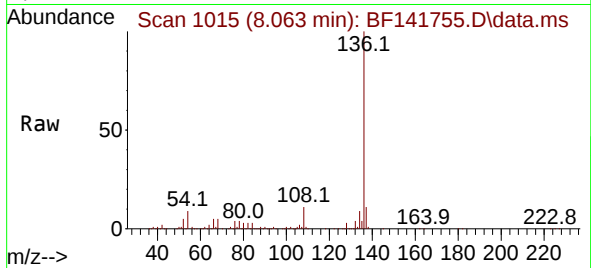




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

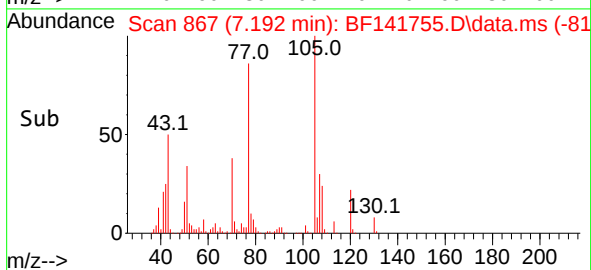
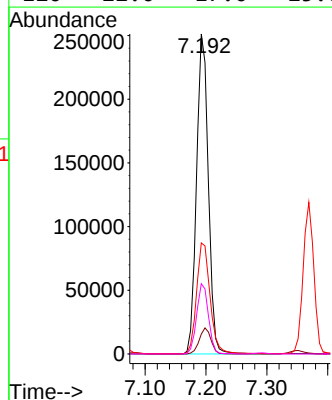
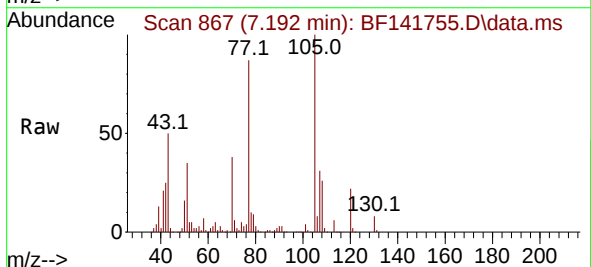
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 333850  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 8.9 7.2 10.8  
68 5.0 3.7 5.5



#22  
Acetophenone  
Concen: 40.679 ng  
RT: 7.192 min Scan# 867  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:105 Resp: 337823  
Ion Ratio Lower Upper  
105 100  
71 6.2 5.7 8.5  
51 34.7 33.7 50.5  
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.153 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

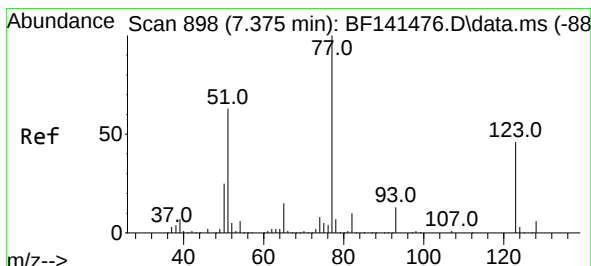
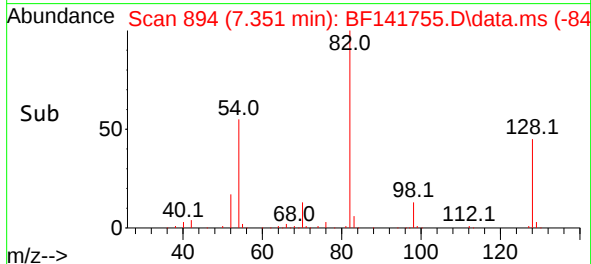
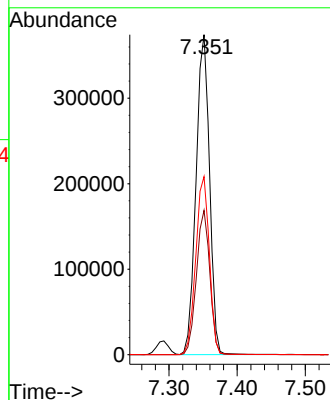
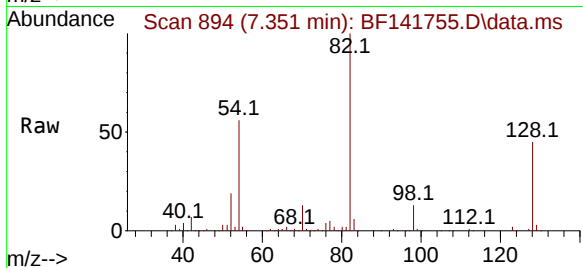
Tgt Ion: 82 Resp: 513035

Ion Ratio Lower Upper

82 100

128 45.1 34.8 52.2

54 55.7 48.2 72.4



#24

Nitrobenzene

Concen: 40.343 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

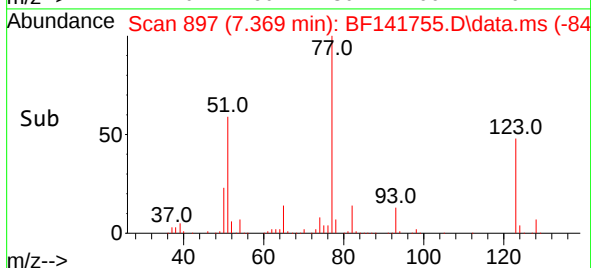
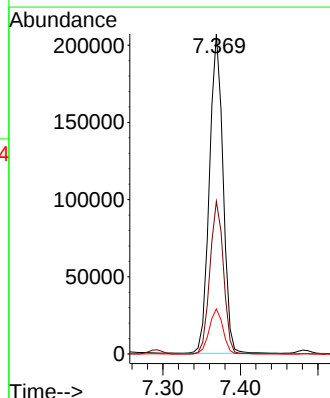
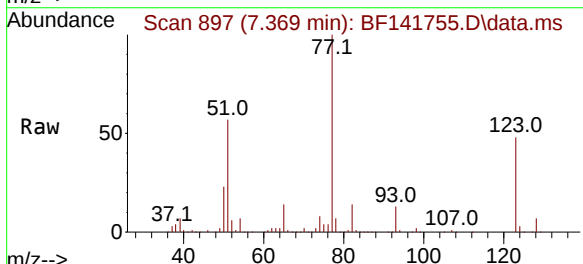
Tgt Ion: 77 Resp: 251798

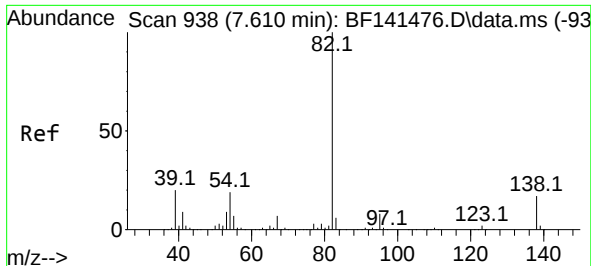
Ion Ratio Lower Upper

77 100

123 47.7 36.9 55.3

65 14.1 11.9 17.9

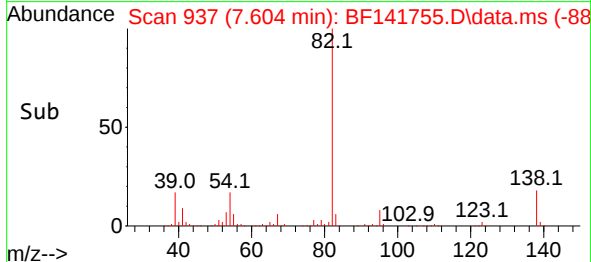
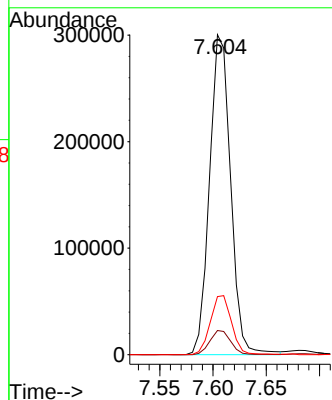
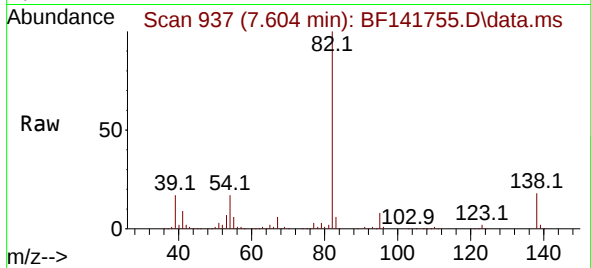




#25  
Isophorone  
Concen: 40.460 ng  
RT: 7.604 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

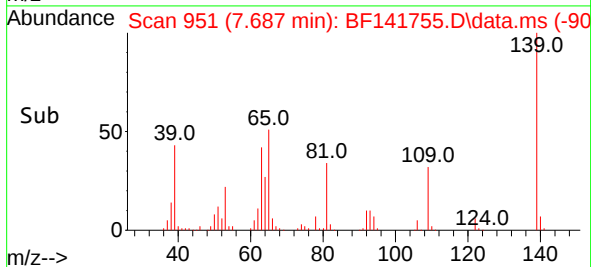
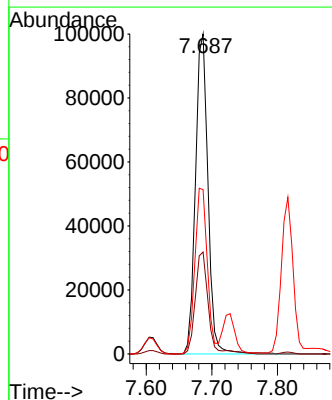
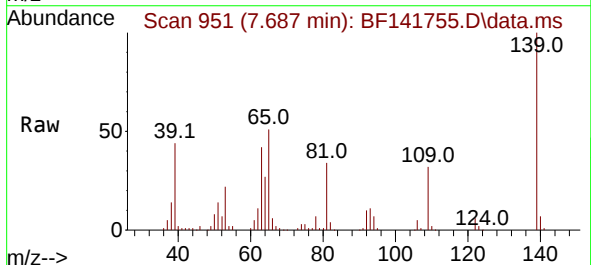
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

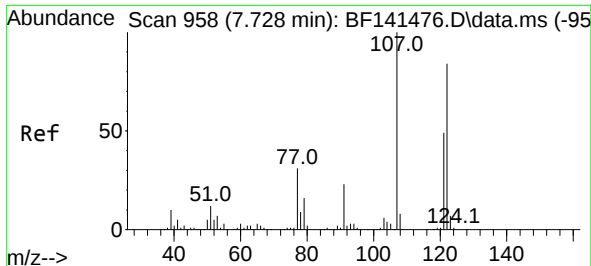
Tgt Ion: 82 Resp: 412929  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.4 9.6  
138 18.2 13.9 20.9



#26  
2-Nitrophenol  
Concen: 42.764 ng  
RT: 7.687 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:139 Resp: 132793  
Ion Ratio Lower Upper  
139 100  
109 31.8 27.0 40.6  
65 51.4 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 42.025 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

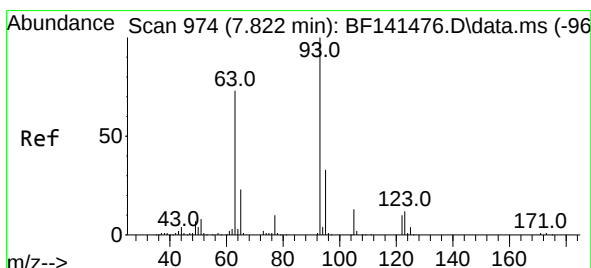
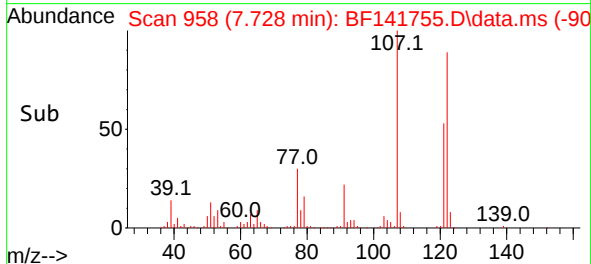
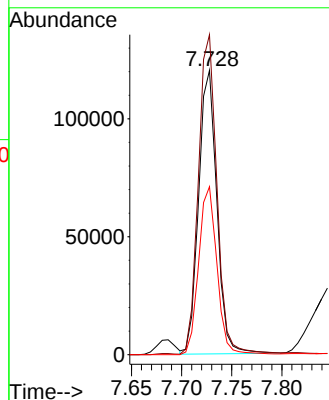
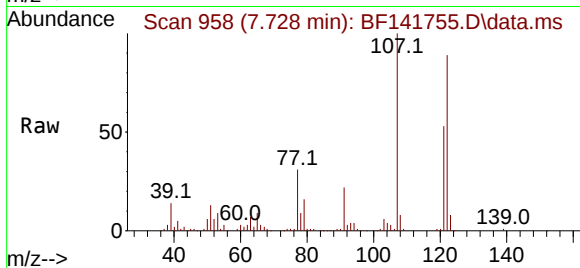
Tgt Ion:122 Resp: 152449

Ion Ratio Lower Upper

122 100

107 112.6 94.3 141.5

121 59.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.812 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

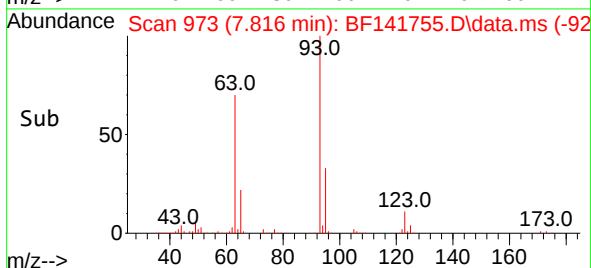
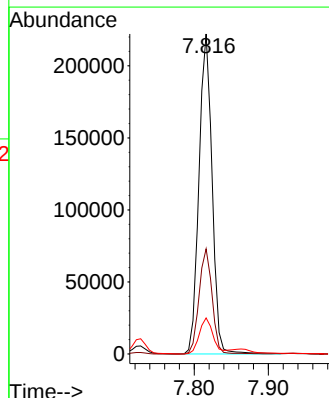
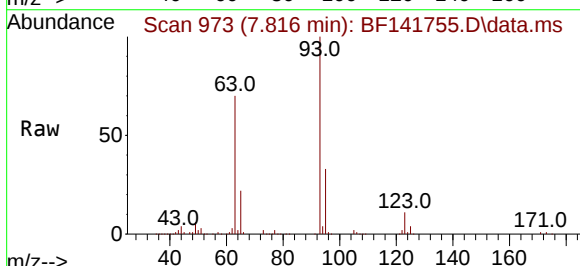
Tgt Ion: 93 Resp: 273434

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.3 9.5 14.3

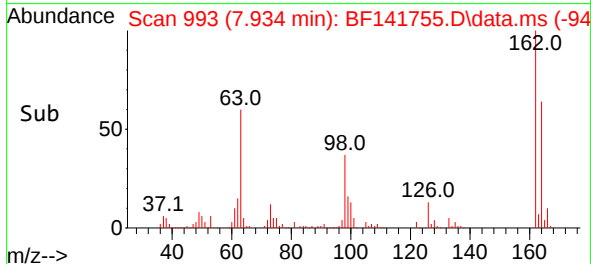
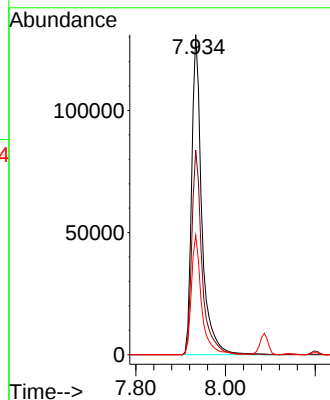
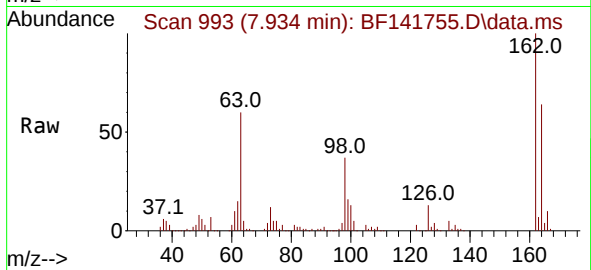




#29  
2,4-Dichlorophenol  
Concen: 41.878 ng  
RT: 7.934 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

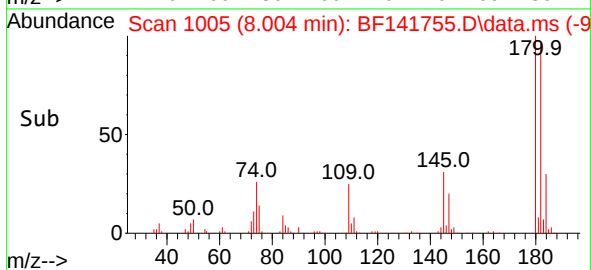
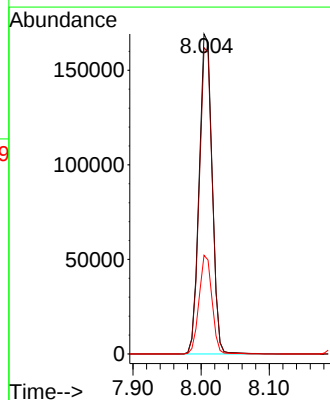
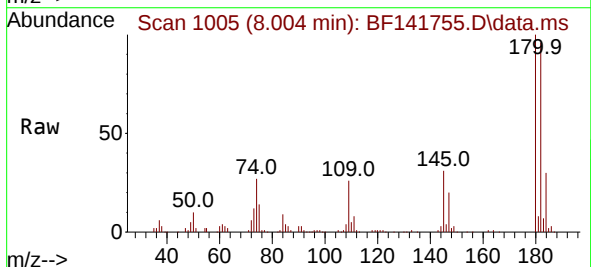
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

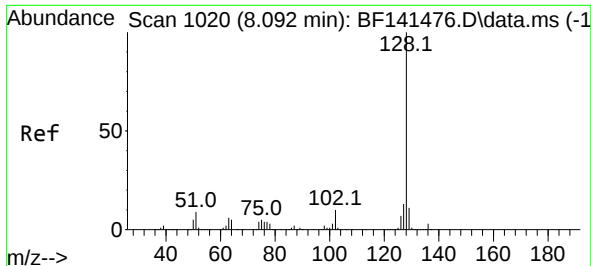
Tgt Ion:162 Resp: 205263  
Ion Ratio Lower Upper  
162 100  
164 63.9 44.6 84.6  
98 37.4 17.2 57.2



#30  
1,2,4-Trichlorobenzene  
Concen: 41.760 ng  
RT: 8.004 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:180 Resp: 222891  
Ion Ratio Lower Upper  
180 100  
182 95.7 76.8 115.2  
145 30.8 24.2 36.4

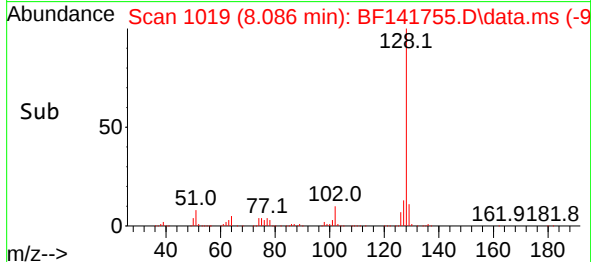
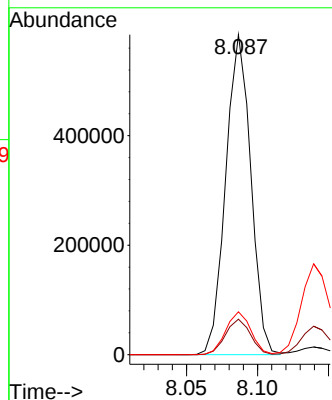
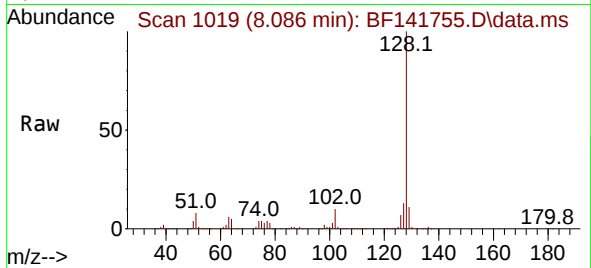




#31  
Naphthalene  
Concen: 41.216 ng  
RT: 8.086 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

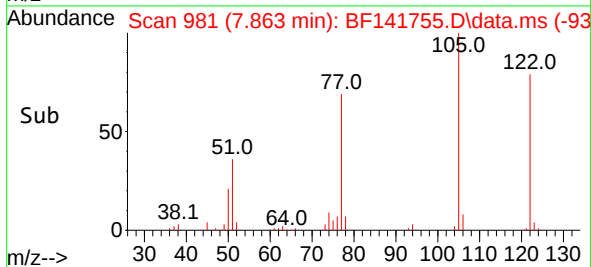
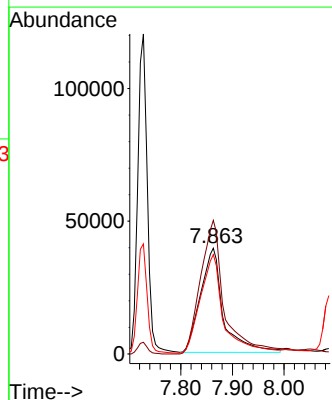
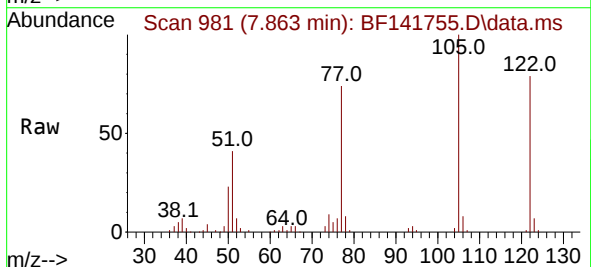
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 716264  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.4 10.7 16.1



#32  
Benzoic acid  
Concen: 32.162 ng  
RT: 7.863 min Scan# 981  
Delta R.T. -0.029 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:122 Resp: 121186  
Ion Ratio Lower Upper  
122 100  
105 126.4 106.5 146.5  
77 94.0 76.3 116.3

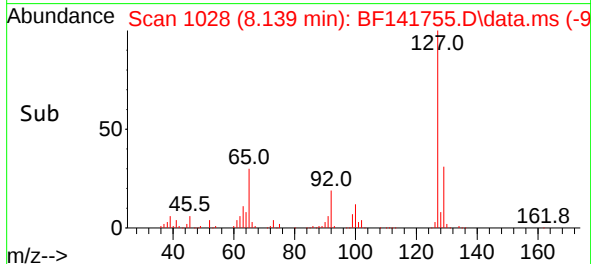
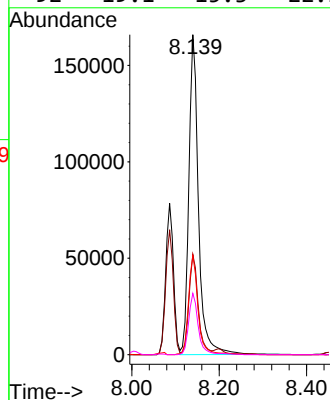
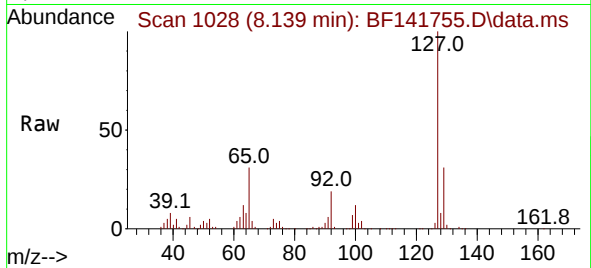




#33  
4-Chloroaniline  
Concen: 41.733 ng  
RT: 8.139 min Scan# 1030  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

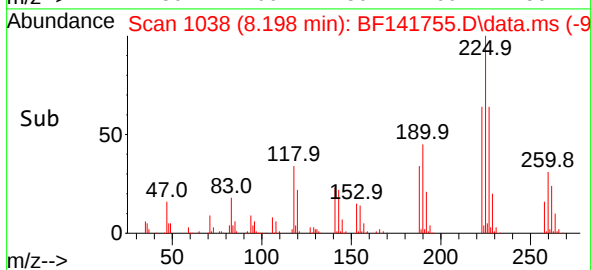
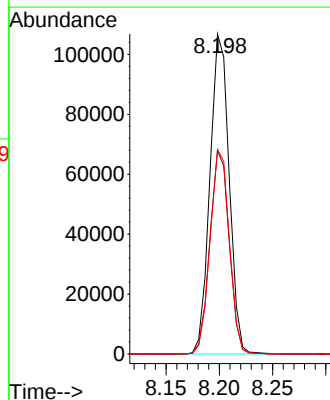
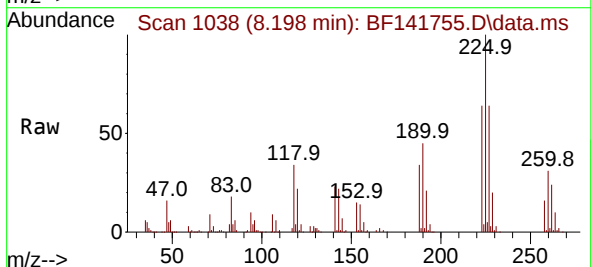
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

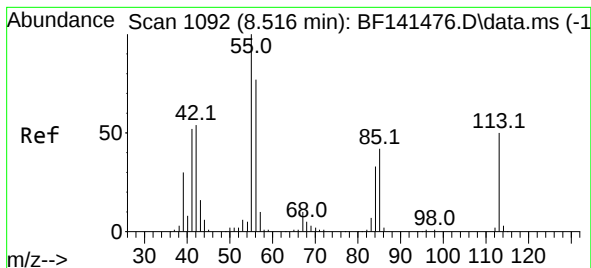
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 253211 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 31.3    | 26.5  | 39.7   |
| 65  | 31.1    | 26.4  | 39.6   |
| 92  | 19.1    | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 41.794 ng  
RT: 8.198 min Scan# 1038  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 133921 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 63.6    | 50.1  | 75.1   |
| 227 | 63.9    | 51.0  | 76.6   |





#35

Caprolactam

Concen: 38.568 ng

RT: 8.516 min Scan# 1109

Delta R.T. -0.029 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

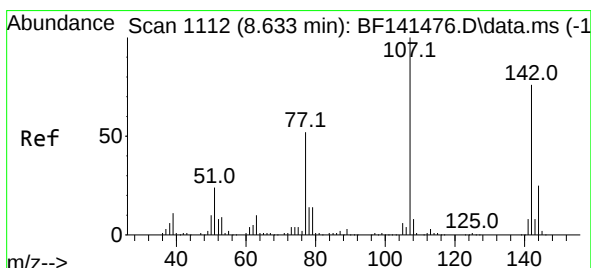
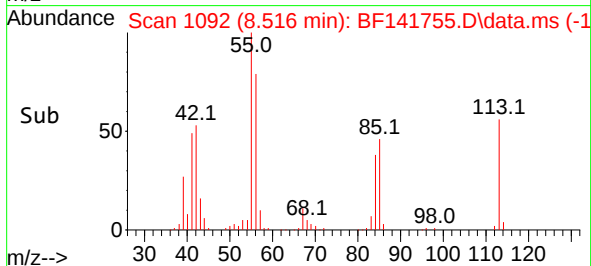
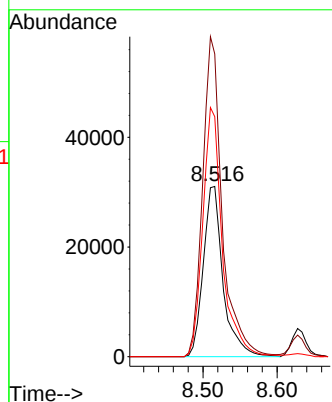
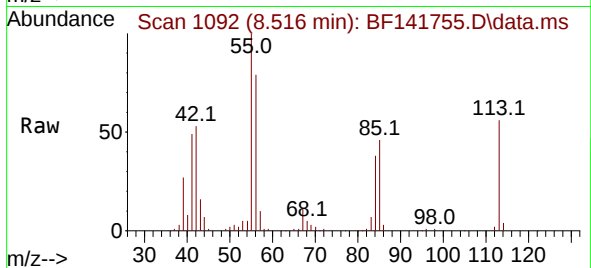
Tgt Ion:113 Resp: 57557

Ion Ratio Lower Upper

113 100

55 177.7 180.8 220.8#

56 140.9 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 39.939 ng

RT: 8.628 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

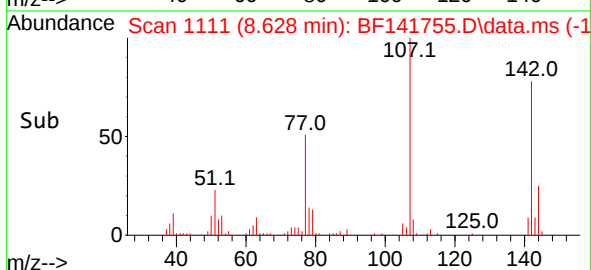
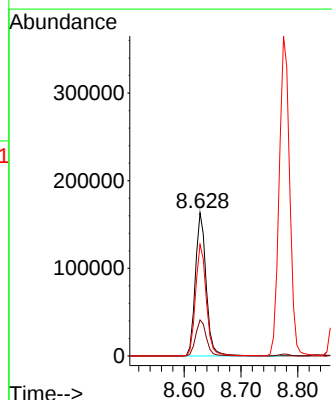
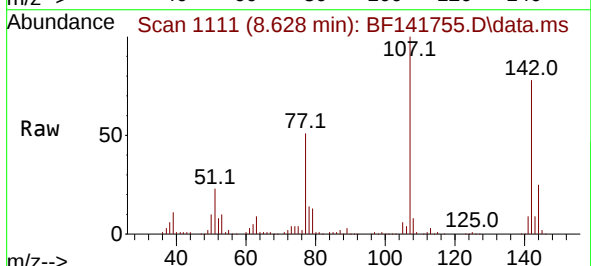
Tgt Ion:107 Resp: 216842

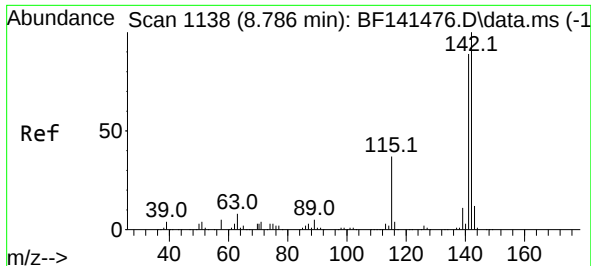
Ion Ratio Lower Upper

107 100

144 25.2 19.7 29.5

142 77.9 60.8 91.2

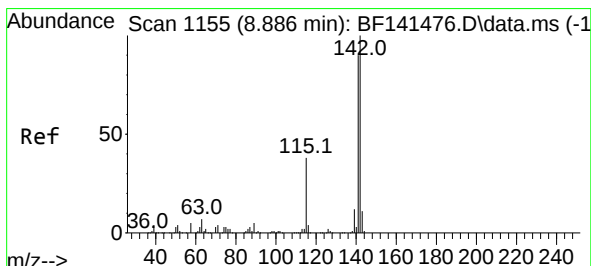
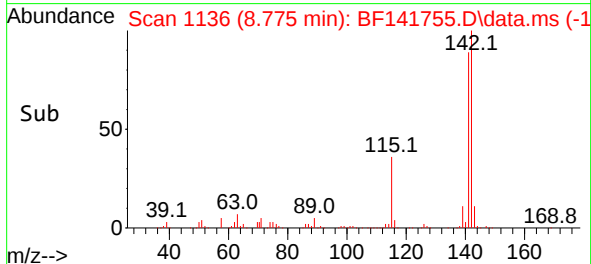
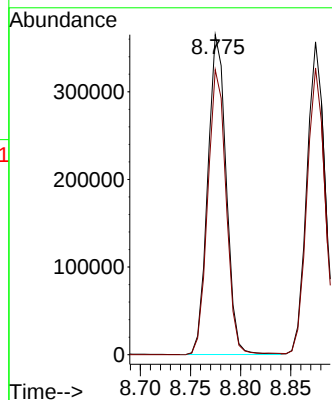
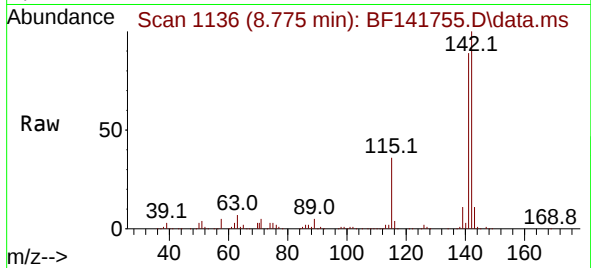




#37  
2-Methylnaphthalene  
Concen: 41.309 ng  
RT: 8.775 min Scan# 1113  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

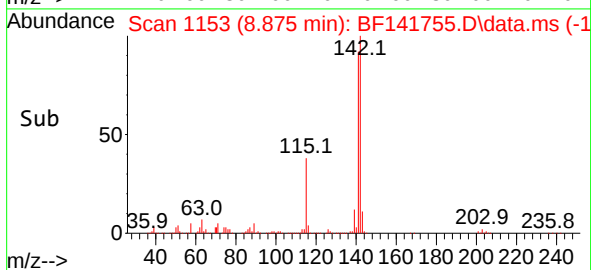
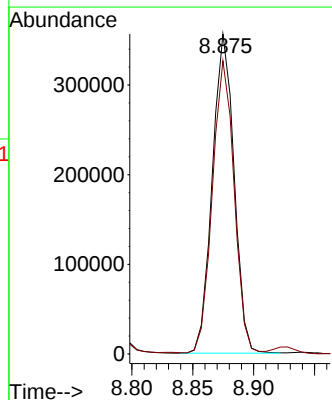
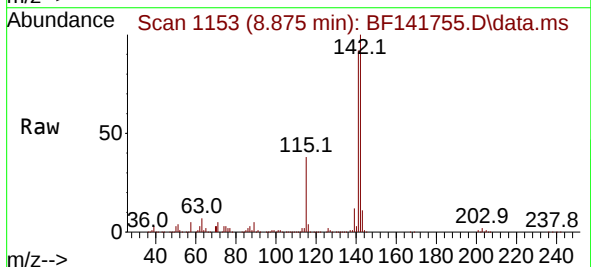
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 467144  
Ion Ratio Lower Upper  
142 100  
141 89.0 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 40.360 ng  
RT: 8.875 min Scan# 1153  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:142 Resp: 442044  
Ion Ratio Lower Upper  
142 100  
141 91.7 72.1 108.1

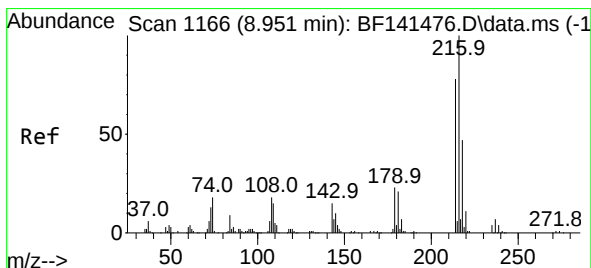
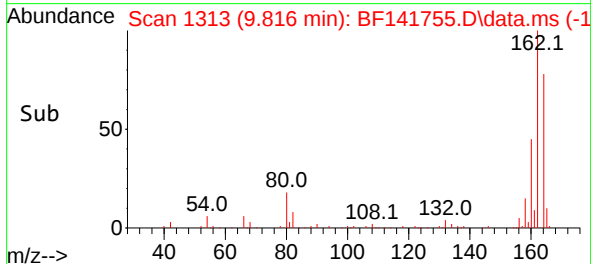
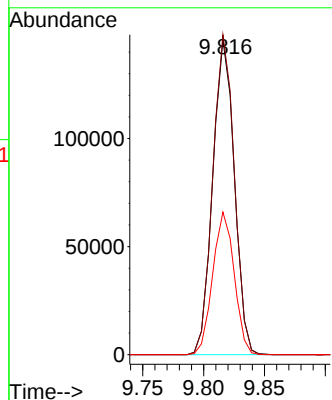
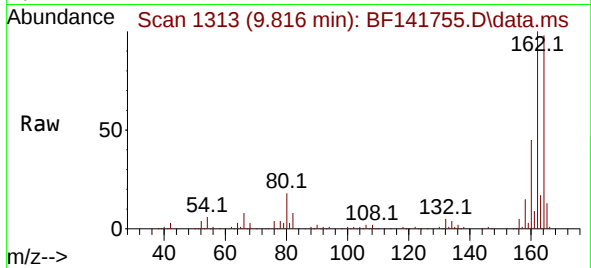




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1113  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

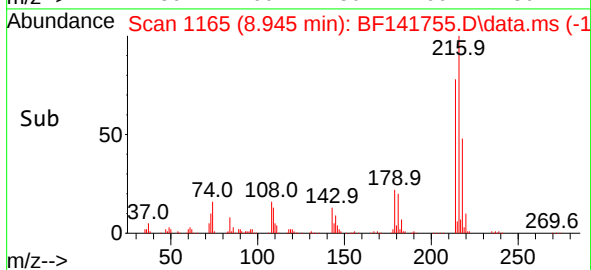
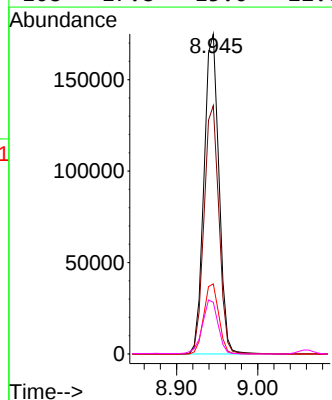
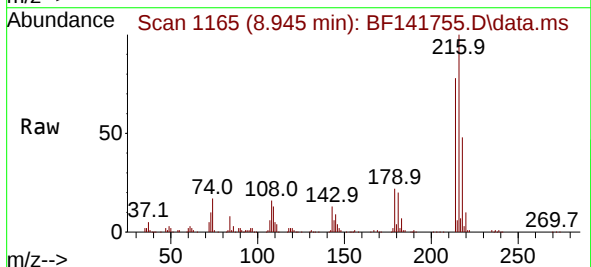
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

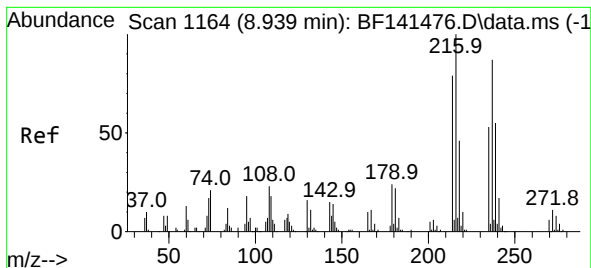
Tgt Ion:164 Resp: 179797  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.3 121.9  
160 45.3 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.881 ng  
RT: 8.945 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:216 Resp: 223056  
Ion Ratio Lower Upper  
216 100  
214 77.5 62.3 93.5  
179 21.9 18.0 27.0  
108 17.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 41.208 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

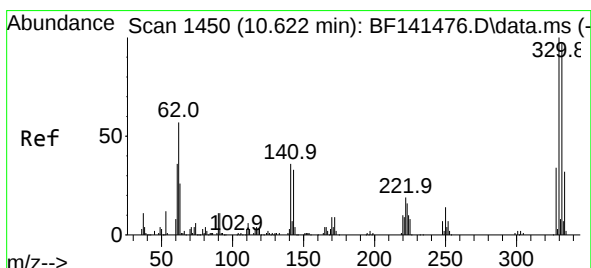
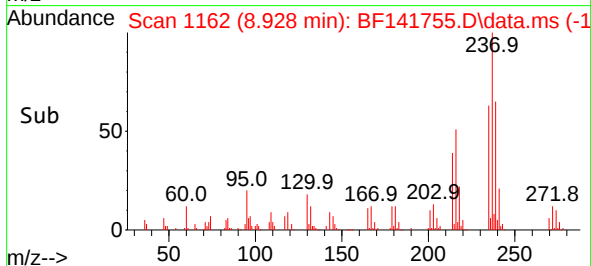
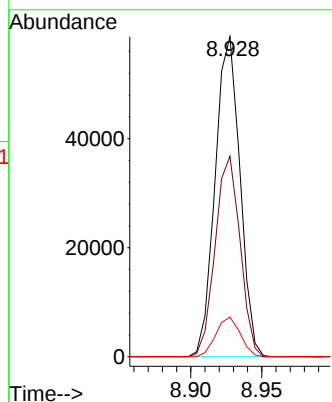
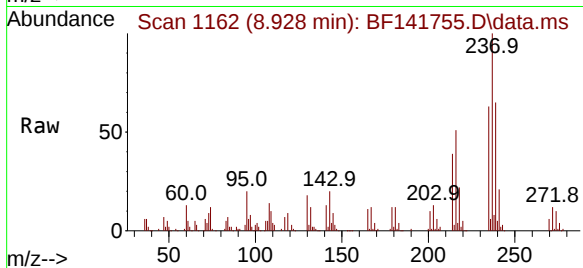
Tgt Ion:237 Resp: 71295

Ion Ratio Lower Upper

237 100

235 62.7 41.4 81.4

272 12.4 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 76.201 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

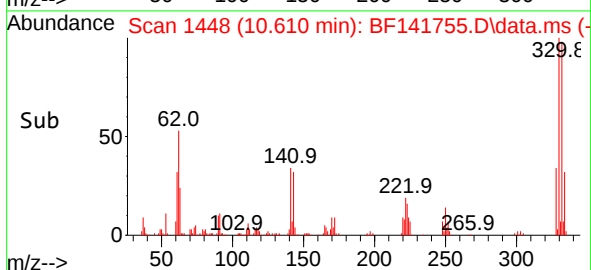
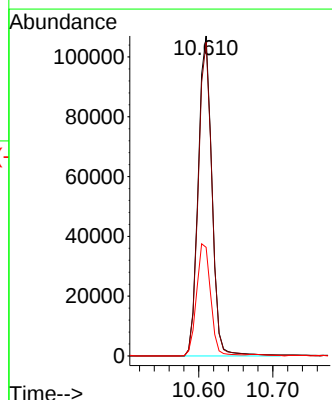
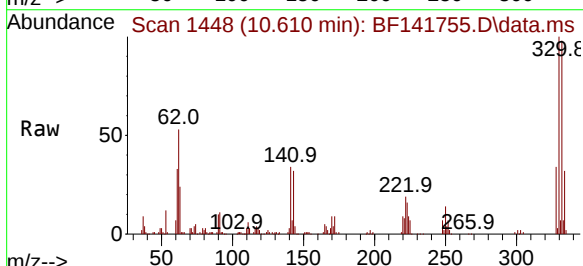
Tgt Ion:330 Resp: 137629

Ion Ratio Lower Upper

330 100

332 98.0 78.5 117.7

141 36.0 31.0 46.4

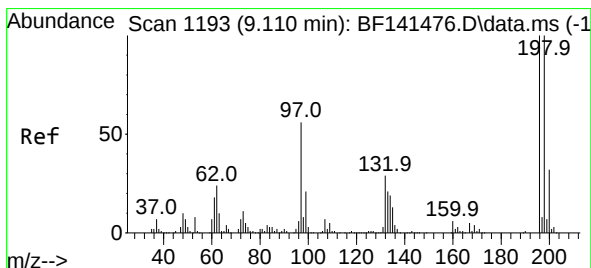
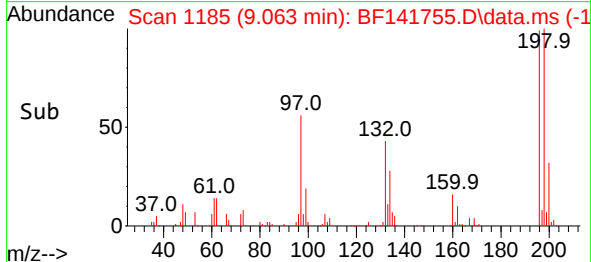
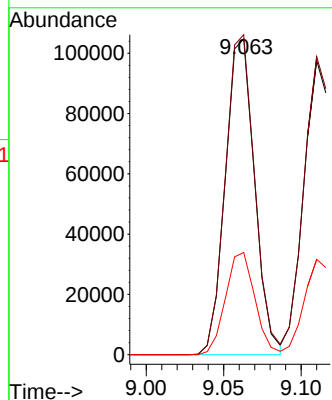
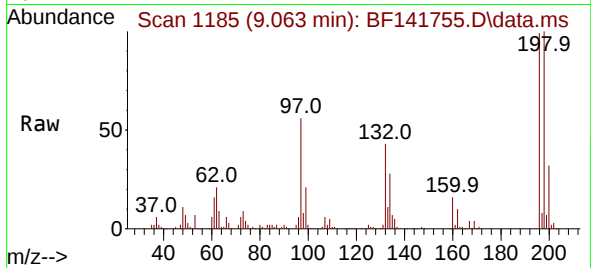




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.921 ng  
 RT: 9.063 min Scan# 1185  
 Delta R.T. -0.006 min  
 Lab File: BF141755.D  
 Acq: 25 Feb 2025 10:34

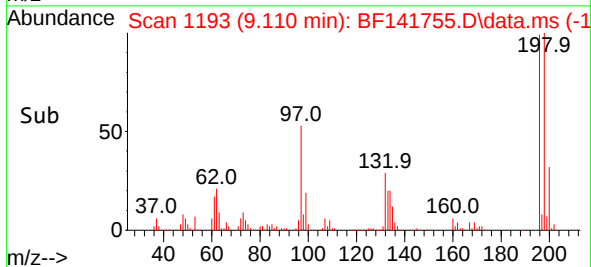
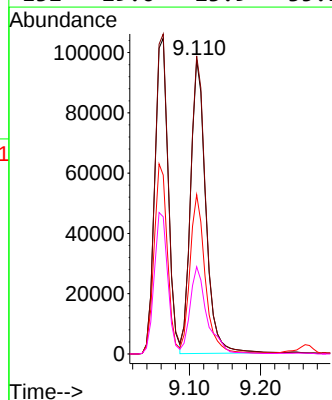
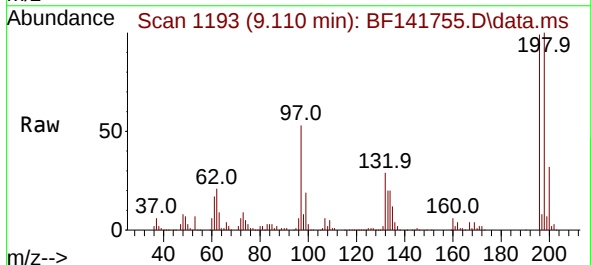
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

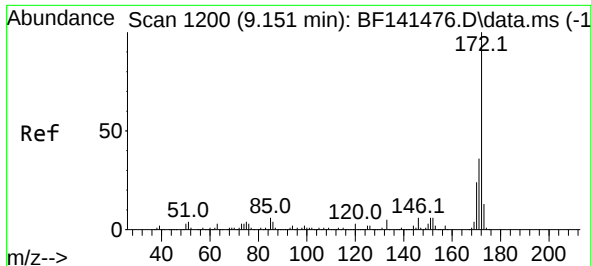
Tgt Ion:196 Resp: 137576  
 Ion Ratio Lower Upper  
 196 100  
 198 101.4 80.6 121.0  
 200 32.4 25.5 38.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.849 ng  
 RT: 9.110 min Scan# 1193  
 Delta R.T. -0.006 min  
 Lab File: BF141755.D  
 Acq: 25 Feb 2025 10:34

Tgt Ion:196 Resp: 145193  
 Ion Ratio Lower Upper  
 196 100  
 198 101.3 79.8 119.8  
 97 54.1 44.8 67.2  
 132 29.6 23.9 35.9

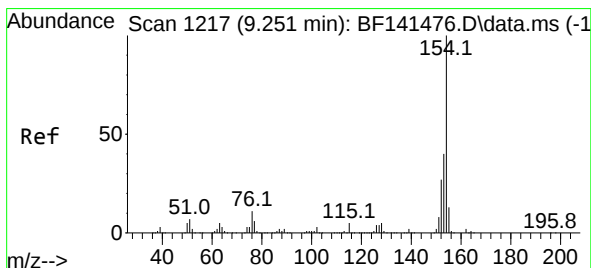
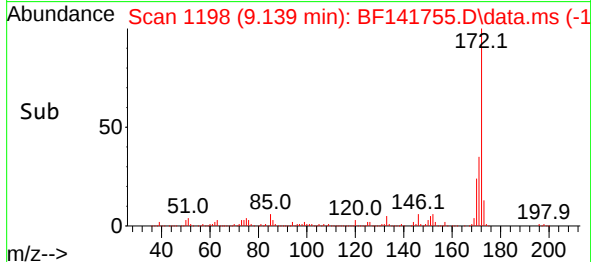
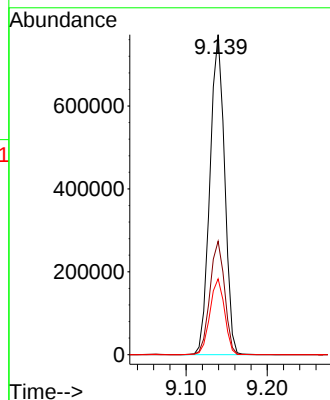
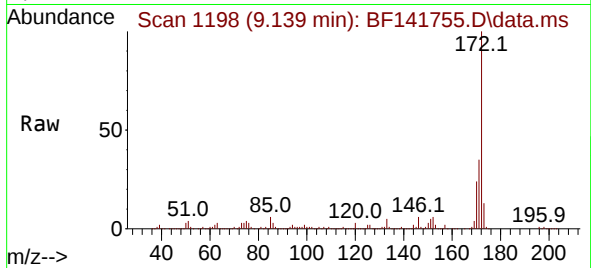




#45  
2-Fluorobiphenyl  
Concen: 82.817 ng  
RT: 9.139 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

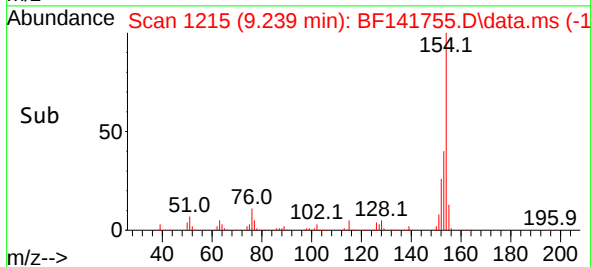
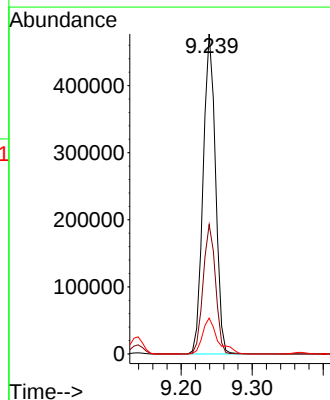
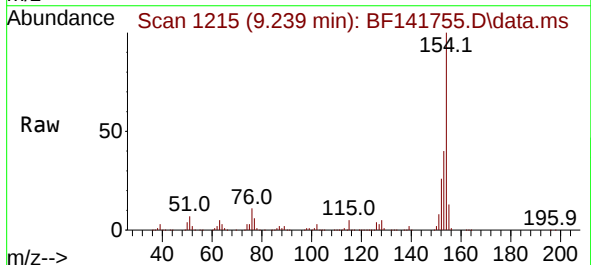
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:172 Resp: 966496  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.7 43.1  
170 23.7 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 41.602 ng  
RT: 9.239 min Scan# 1215  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:154 Resp: 579898  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.4 60.4  
76 11.2 0.0 30.8

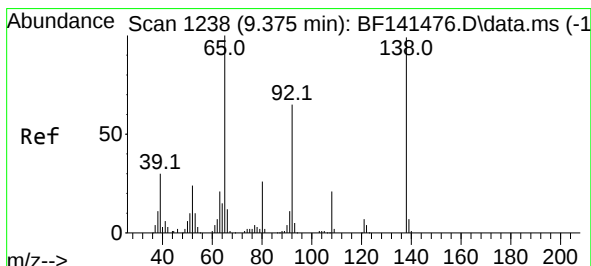
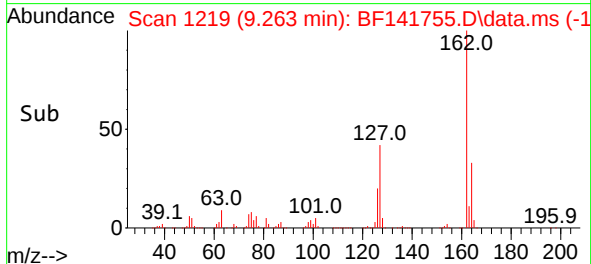
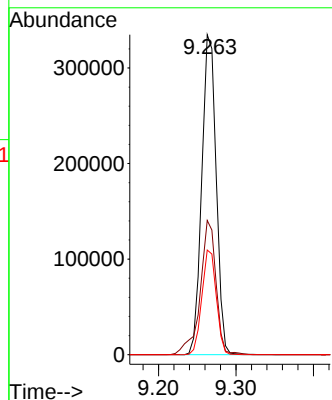
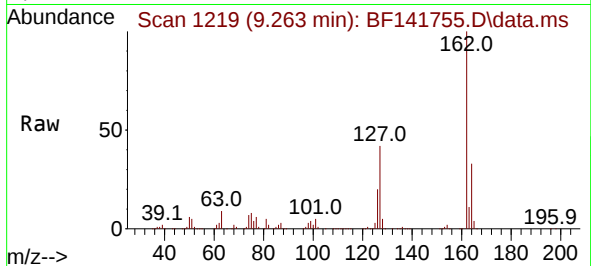




#47  
2-Chloronaphthalene  
Concen: 41.952 ng  
RT: 9.263 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

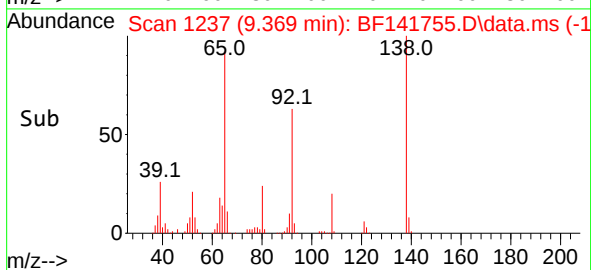
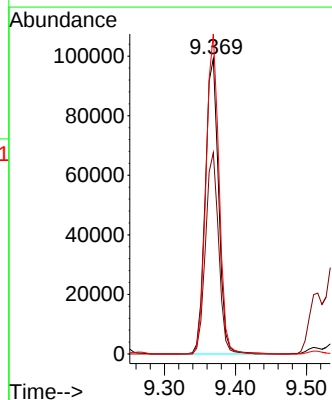
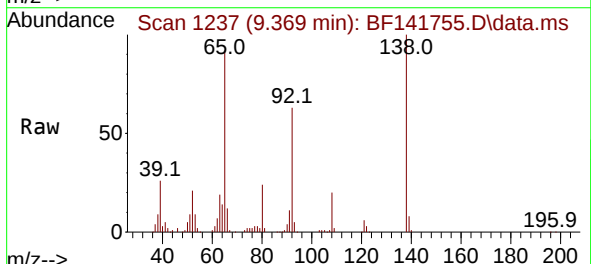
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

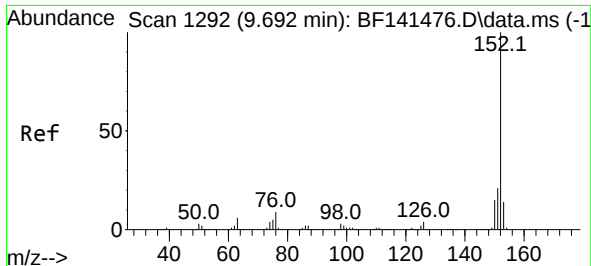
Tgt Ion:162 Resp: 432433  
Ion Ratio Lower Upper  
162 100  
127 42.0 34.1 51.1  
164 32.7 26.3 39.5



#48  
2-Nitroaniline  
Concen: 37.587 ng  
RT: 9.369 min Scan# 1237  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion: 65 Resp: 130023  
Ion Ratio Lower Upper  
65 100  
92 68.2 52.2 78.2  
138 108.4 79.5 119.3





#49

Acenaphthylene

Concen: 40.722 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

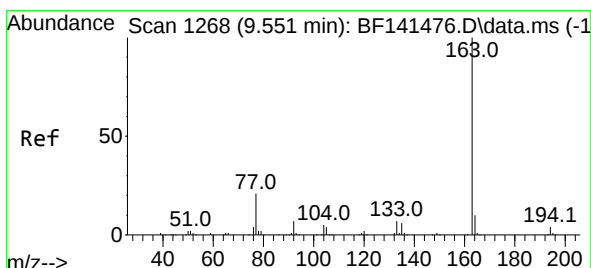
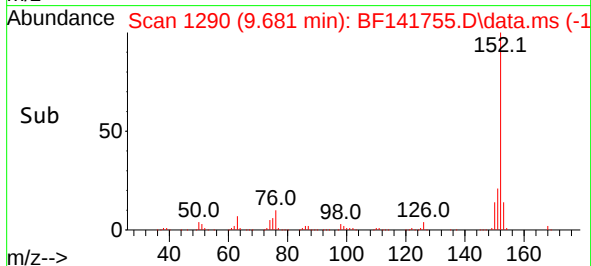
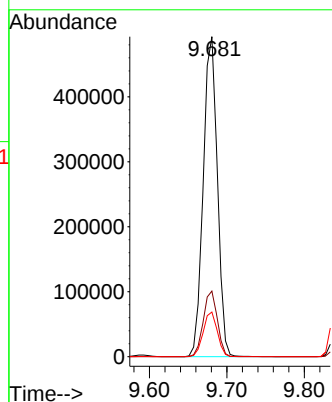
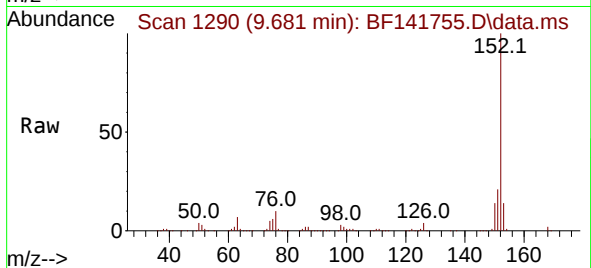
Tgt Ion:152 Resp: 624325

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 40.768 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

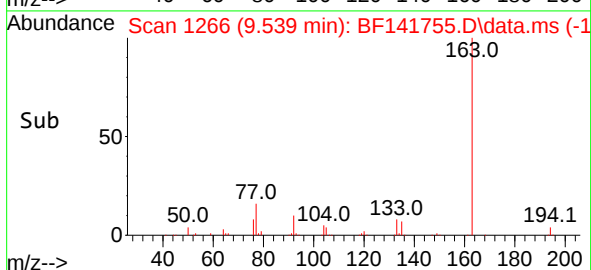
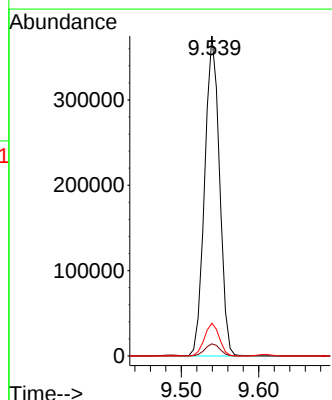
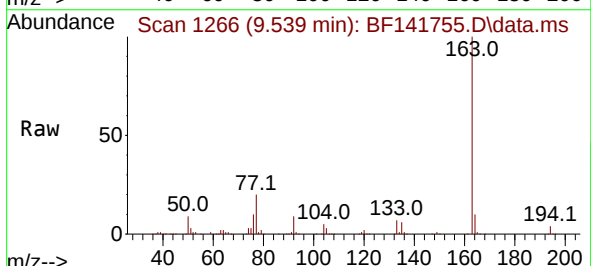
Tgt Ion:163 Resp: 497613

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9

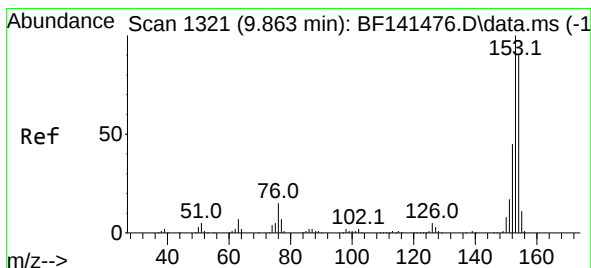
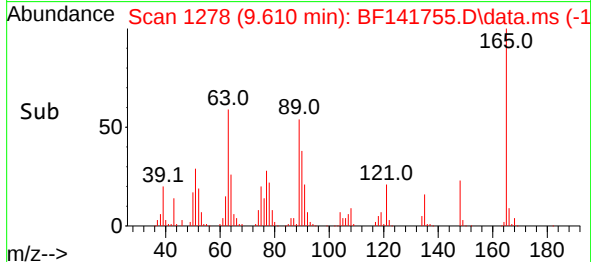
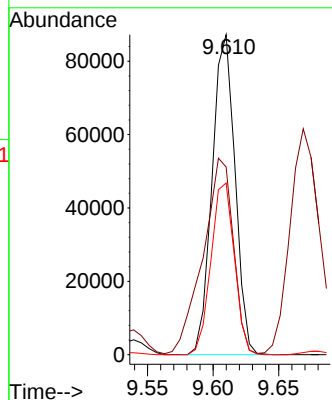
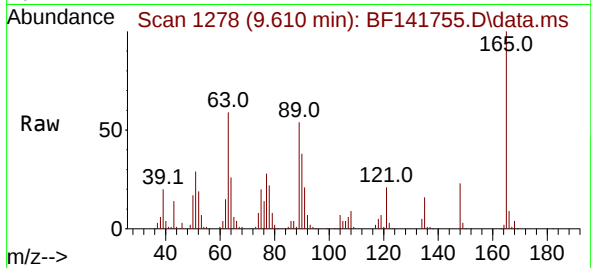




#51  
2,6-Dinitrotoluene  
Concen: 39.655 ng  
RT: 9.610 min Scan# 1319  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

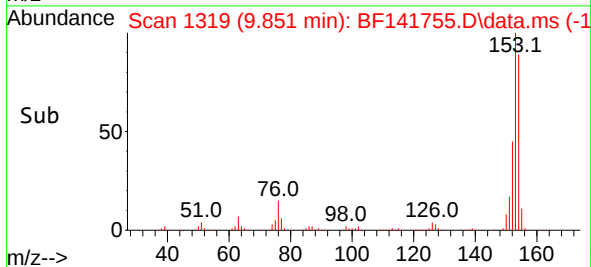
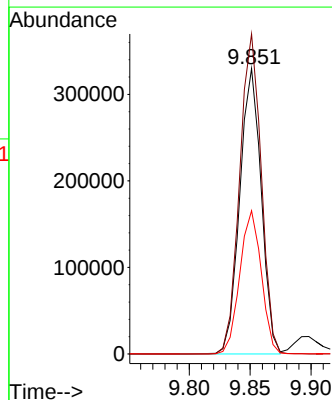
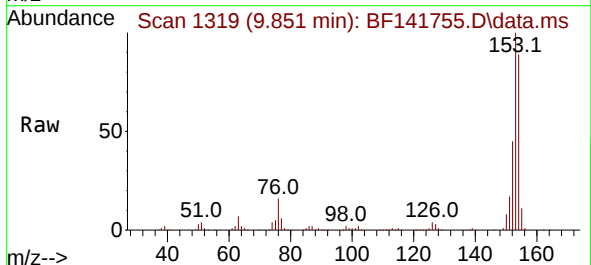
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

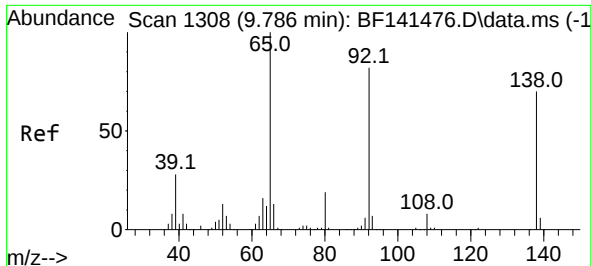
Tgt Ion:165 Resp: 105812  
Ion Ratio Lower Upper  
165 100  
63 58.7 49.4 74.0  
89 53.6 46.5 69.7



#52  
Acenaphthene  
Concen: 39.327 ng  
RT: 9.851 min Scan# 1319  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:154 Resp: 405354  
Ion Ratio Lower Upper  
154 100  
153 112.1 89.2 133.8  
152 50.2 39.8 59.8

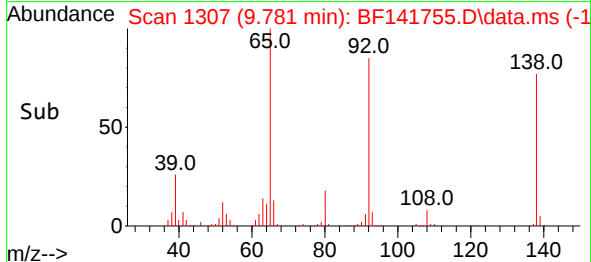
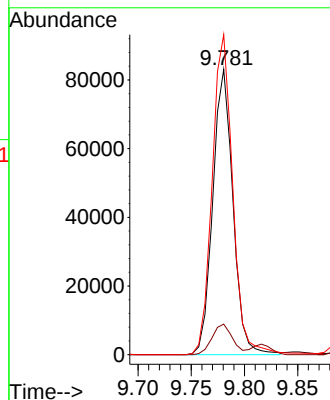
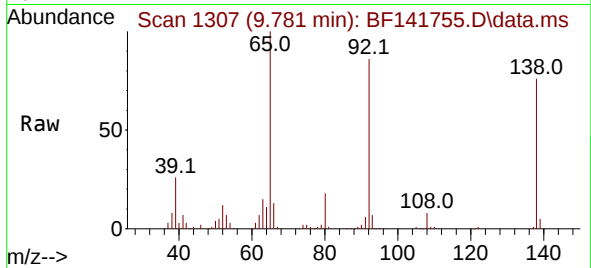




#53  
3-Nitroaniline  
Concen: 38.195 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

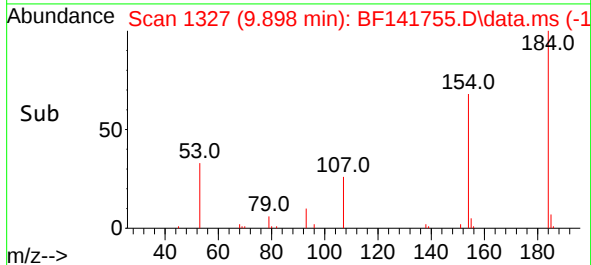
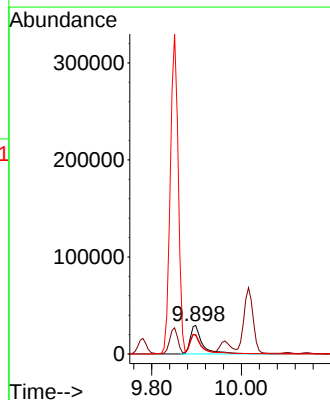
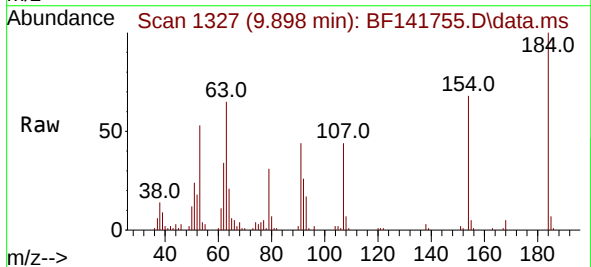
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:138 Resp: 109691  
Ion Ratio Lower Upper  
138 100  
108 10.7 9.0 13.4  
92 112.2 93.7 140.5



#54  
2,4-Dinitrophenol  
Concen: 35.138 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:184 Resp: 55724  
Ion Ratio Lower Upper  
184 100  
63 65.0 61.0 91.6  
154 68.5 59.9 89.9

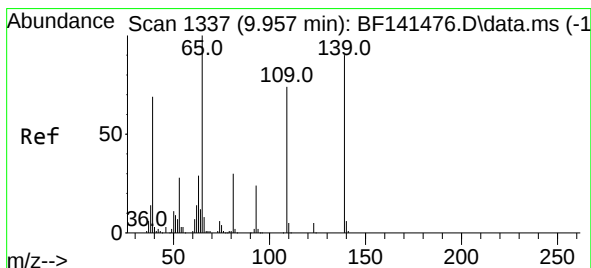
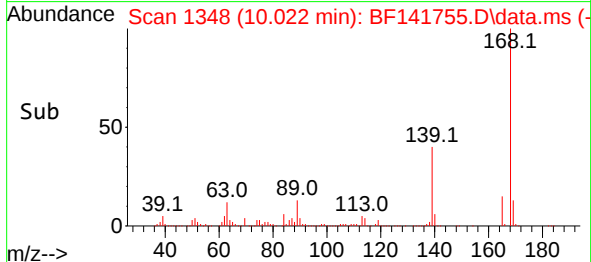
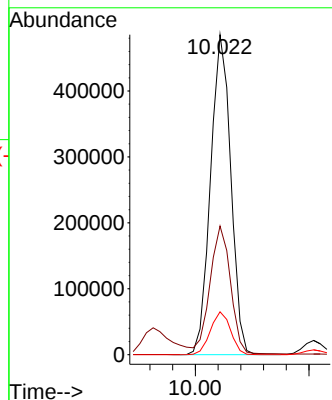
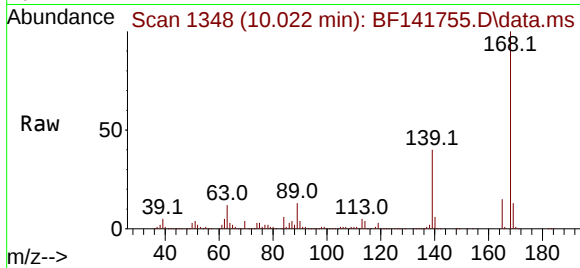




#55  
Dibenzenofuran  
Concen: 39.732 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

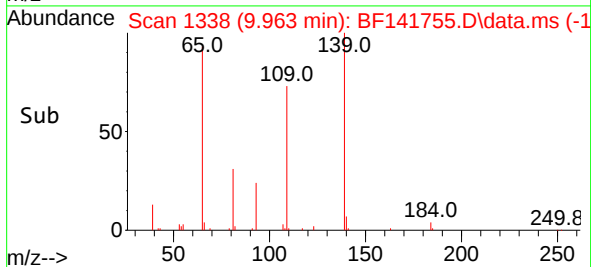
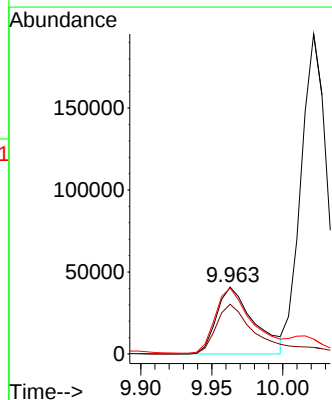
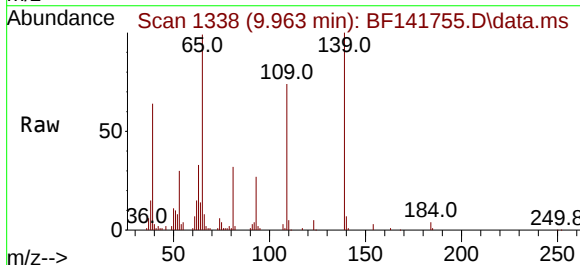
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

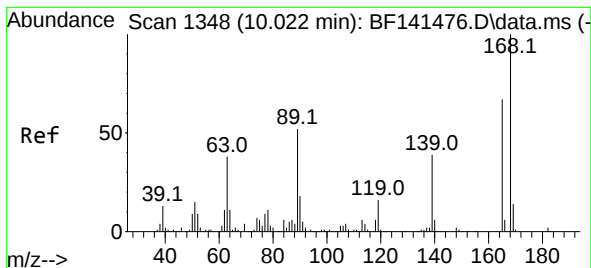
Tgt Ion:168 Resp: 601113  
Ion Ratio Lower Upper  
168 100  
139 40.2 32.7 49.1  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 34.873 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:139 Resp: 74346  
Ion Ratio Lower Upper  
139 100  
109 74.3 62.0 102.0  
65 98.6 91.2 131.2

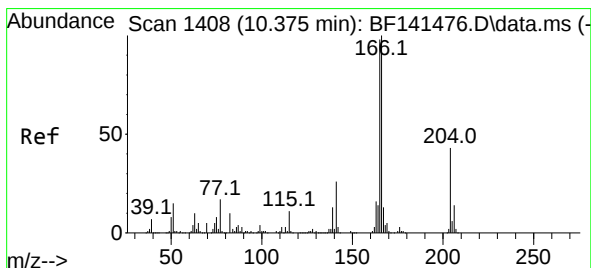
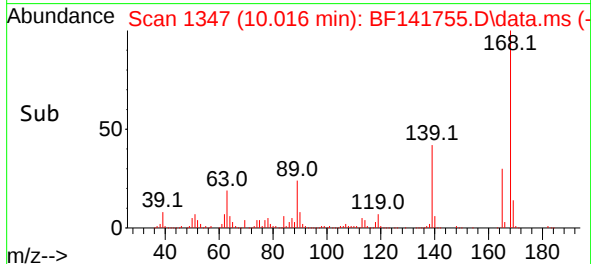
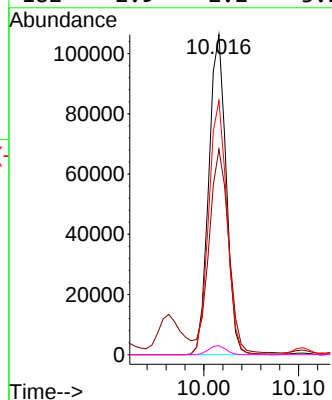
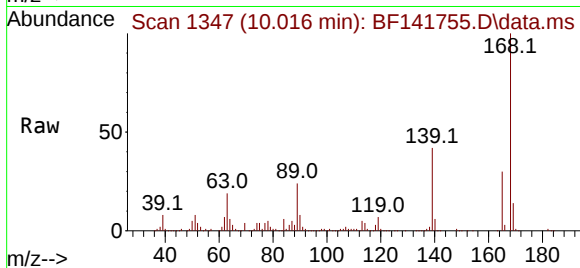




#57  
2,4-Dinitrotoluene  
Concen: 38.111 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

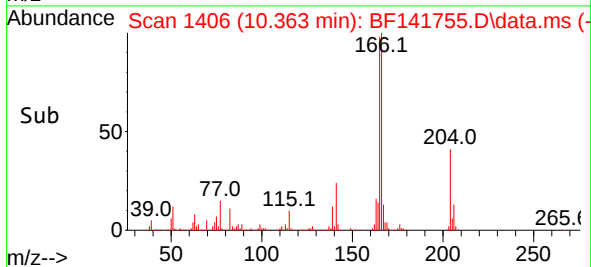
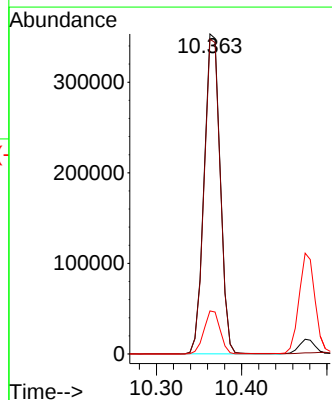
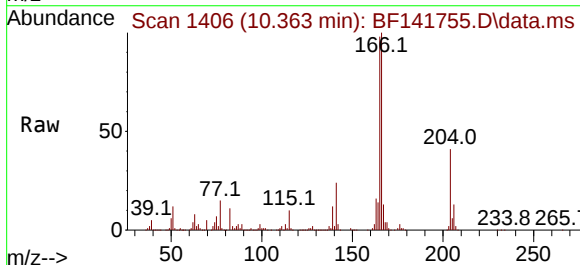
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

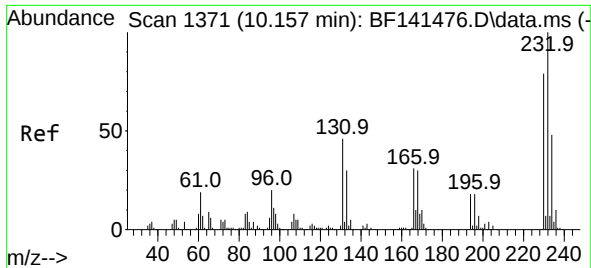
Tgt Ion:165 Resp: 135376  
Ion Ratio Lower Upper  
165 100  
63 64.2 46.4 69.6  
89 79.4 61.8 92.6  
182 2.9 2.2 3.2



#58  
Fluorene  
Concen: 39.572 ng  
RT: 10.363 min Scan# 1406  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:166 Resp: 462911  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.2 117.2  
167 13.5 10.7 16.1

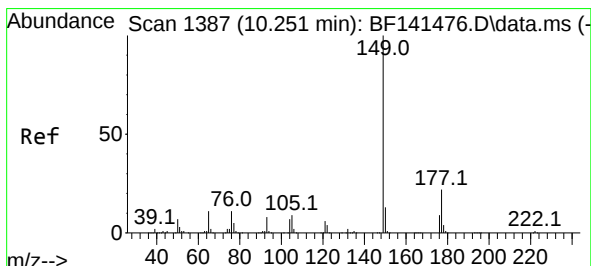
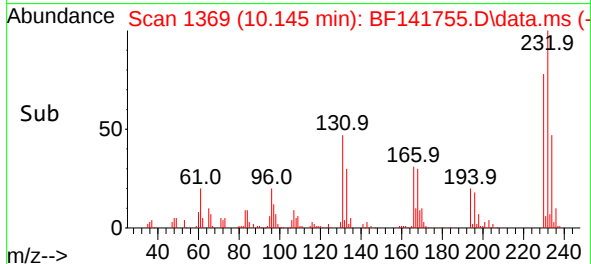
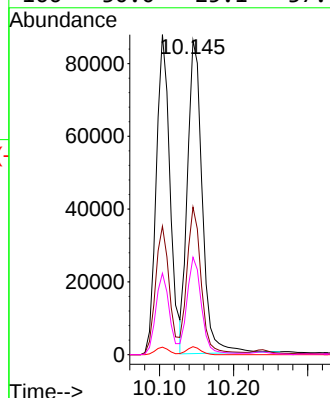
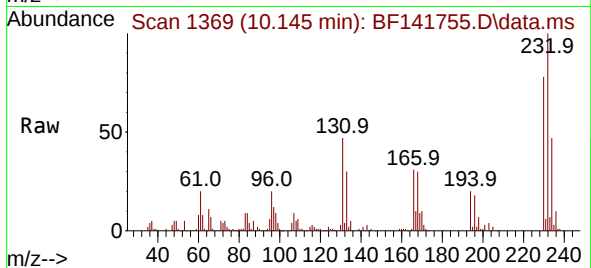




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.977 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

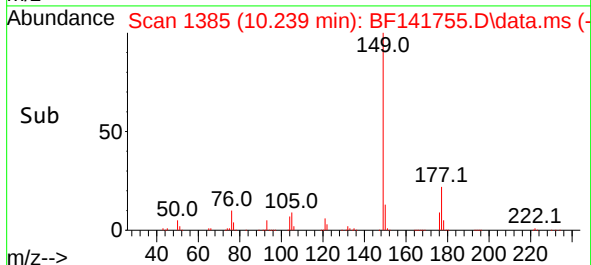
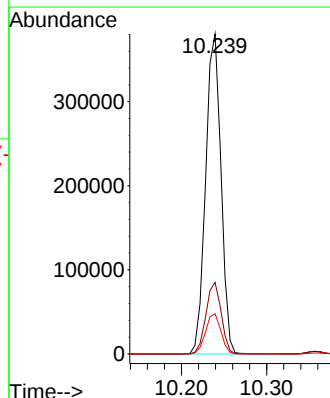
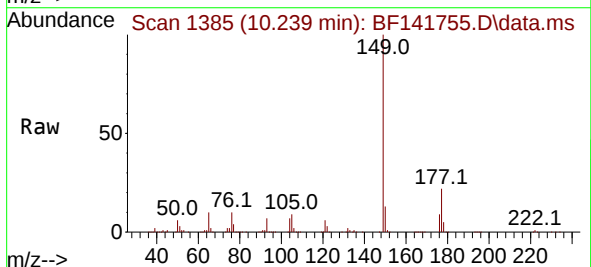
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

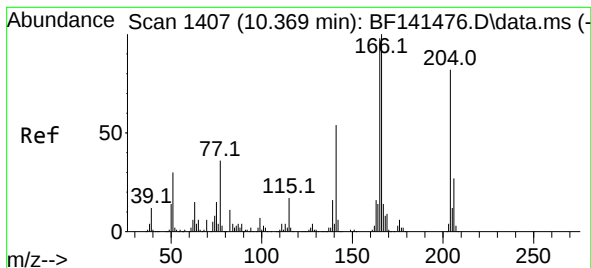
Tgt Ion:232 Resp: 119131  
Ion Ratio Lower Upper  
232 100  
131 45.4 39.2 58.8  
130 2.4 2.1 3.1  
166 30.0 25.1 37.7



#60  
Diethylphthalate  
Concen: 39.619 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:149 Resp: 475797  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.8 26.6  
150 12.6 10.1 15.1

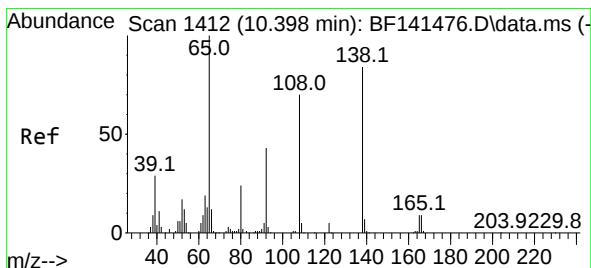
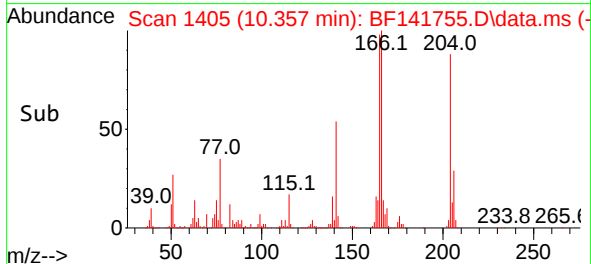
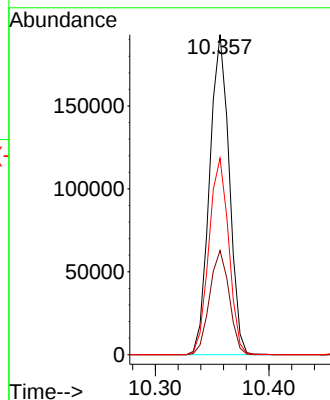
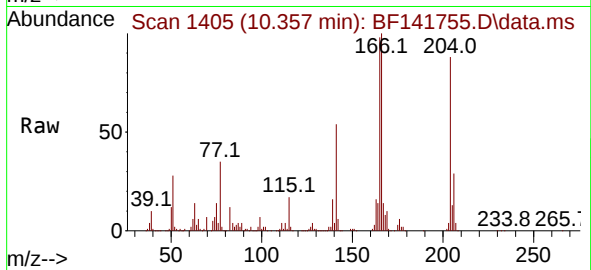




#61  
4-Chlorophenyl-phenylether  
Concen: 41.182 ng  
RT: 10.357 min Scan# 1405  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

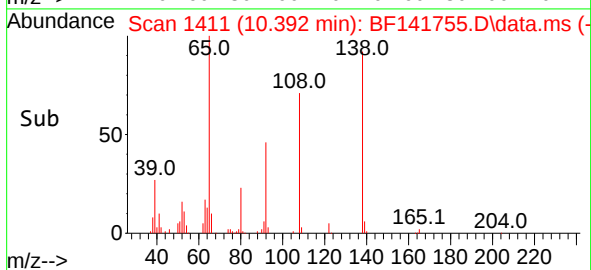
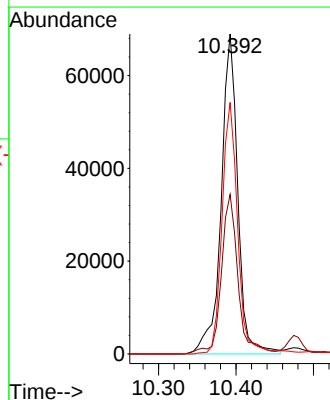
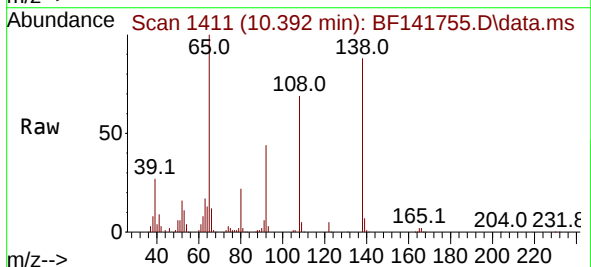
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

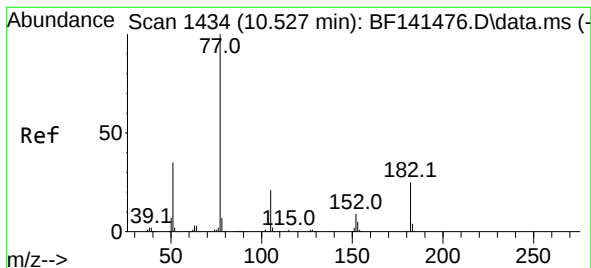
Tgt Ion:204 Resp: 231758  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 61.4 51.9 77.9



#62  
4-Nitroaniline  
Concen: 35.243 ng  
RT: 10.392 min Scan# 1411  
Delta R.T. -0.023 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:138 Resp: 102774  
Ion Ratio Lower Upper  
138 100  
92 49.8 31.3 71.3  
108 78.6 63.7 103.7





#63

Azobenzene

Concen: 38.507 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 459724

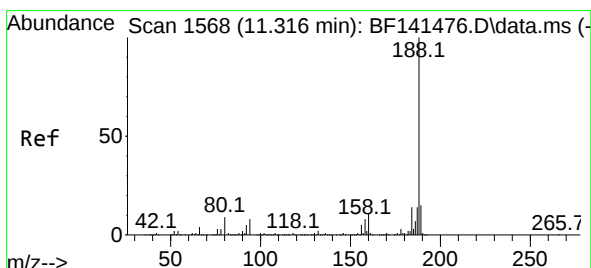
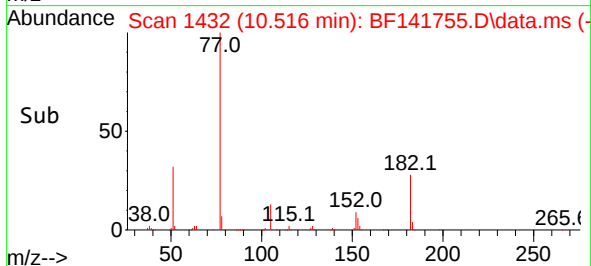
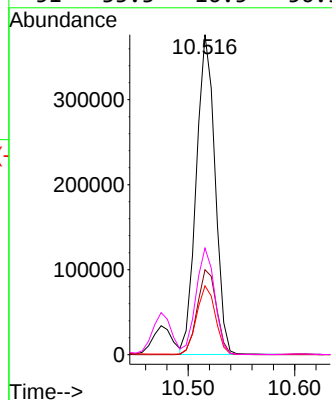
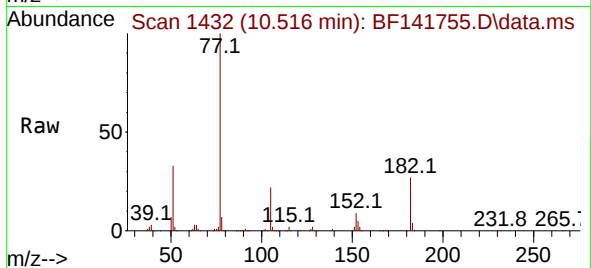
Ion Ratio Lower Upper

77 100

182 26.5 4.7 44.7

105 21.5 0.4 40.4

51 33.3 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1566

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

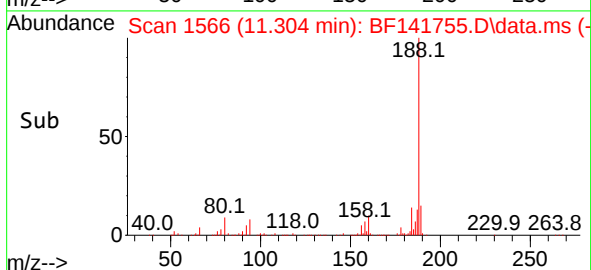
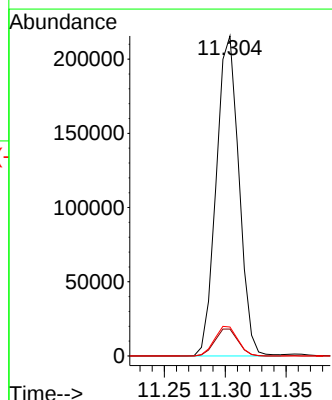
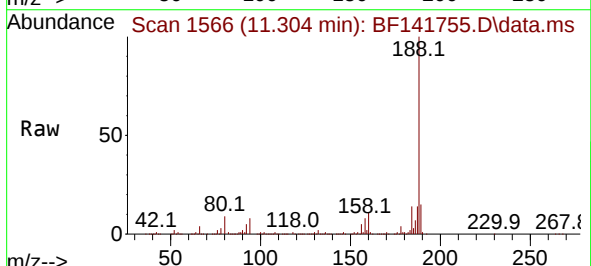
Tgt Ion: 188 Resp: 280239

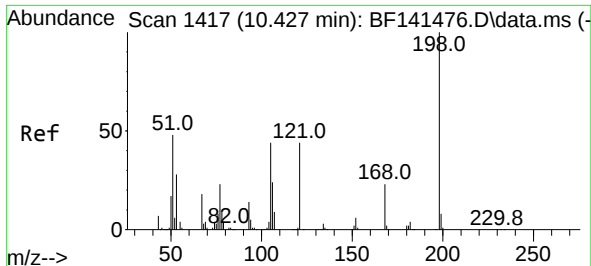
Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.0 7.3 10.9

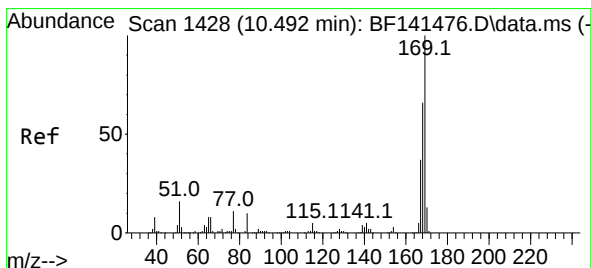
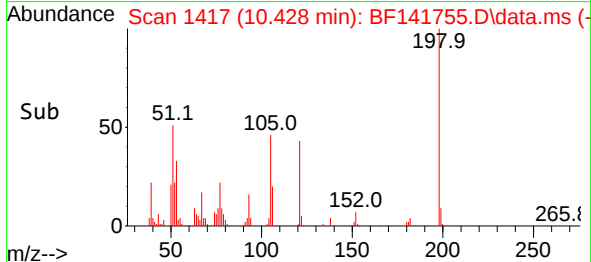
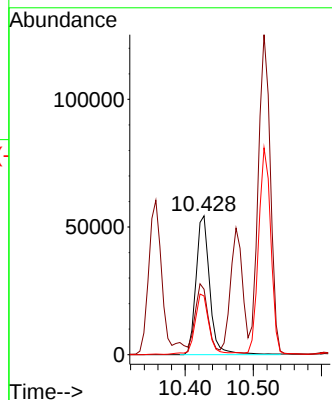
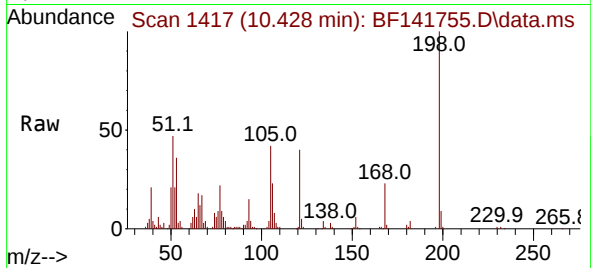




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.171 ng  
RT: 10.428 min Scan# 1417  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

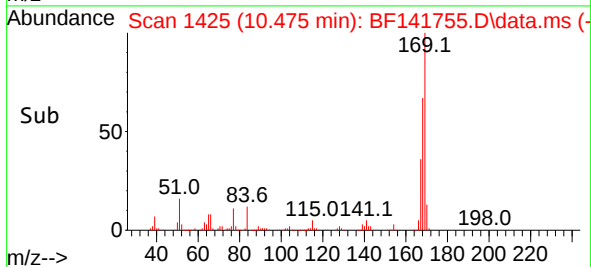
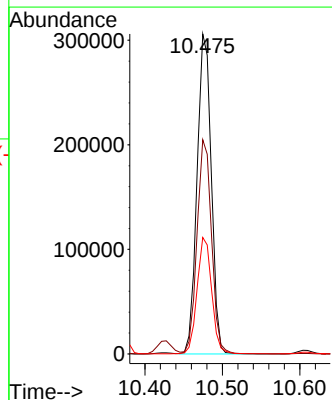
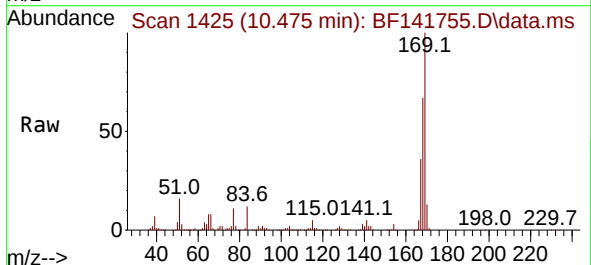
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

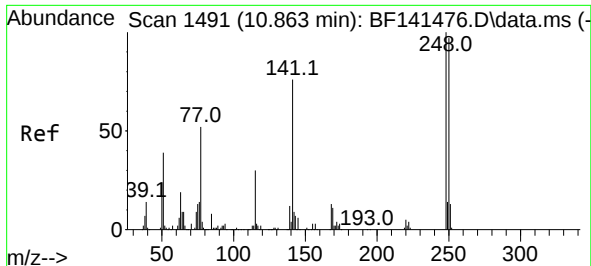
Tgt Ion:198 Resp: 76253  
Ion Ratio Lower Upper  
198 100  
51 47.1 37.4 77.4  
105 42.3 25.2 65.2



#66  
n-Nitrosodiphenylamine  
Concen: 43.456 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. -0.023 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:169 Resp: 389832  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.3 79.9  
167 36.4 29.4 44.2

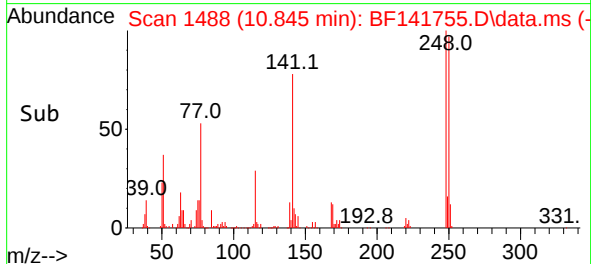
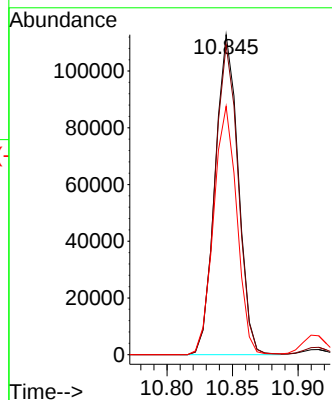
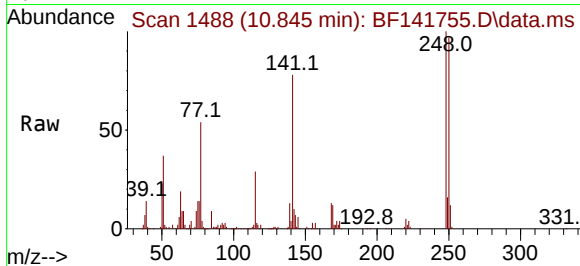




#67  
4-Bromophenyl-phenylether  
Concen: 44.246 ng  
RT: 10.845 min Scan# 1491  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

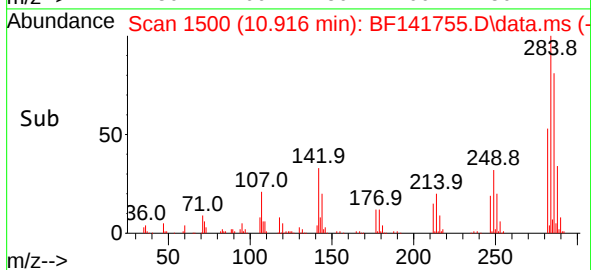
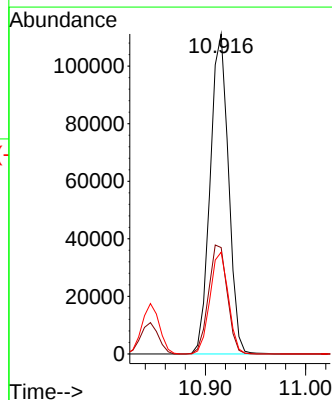
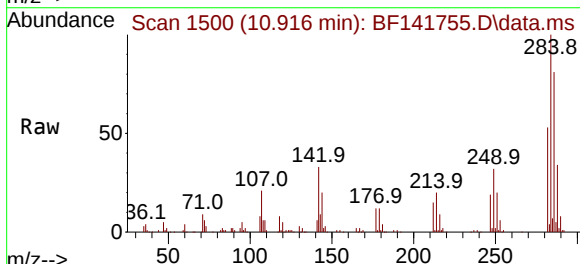
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

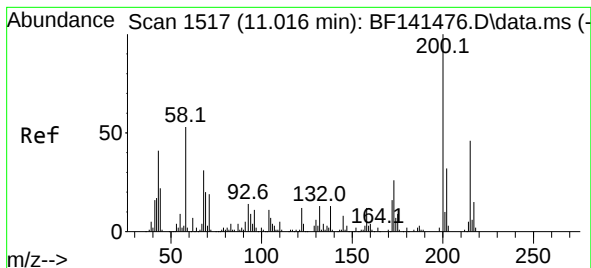
Tgt Ion:248 Resp: 138581  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.8 116.6  
141 77.6 60.6 90.8



#68  
Hexachlorobenzene  
Concen: 43.753 ng  
RT: 10.916 min Scan# 1500  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:284 Resp: 141111  
Ion Ratio Lower Upper  
284 100  
142 33.2 28.0 42.0  
249 31.8 25.8 38.8





#69

Atrazine

Concen: 35.789 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

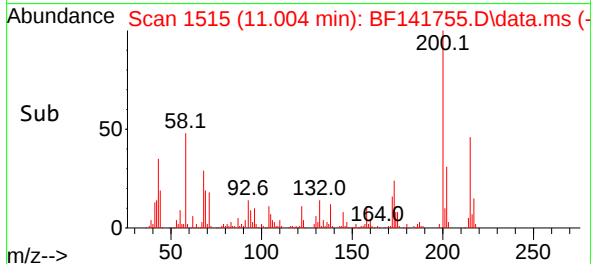
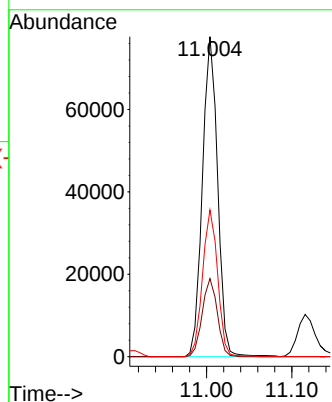
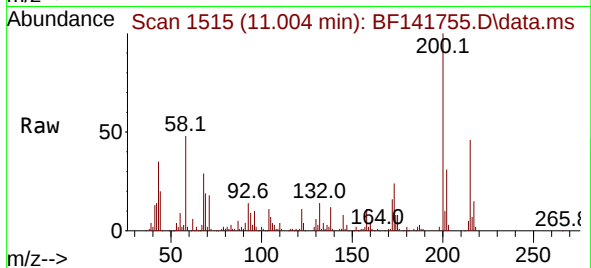
Tgt Ion:200 Resp: 96315

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

215 45.8 25.9 65.9



#70

Pentachlorophenol

Concen: 39.625 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

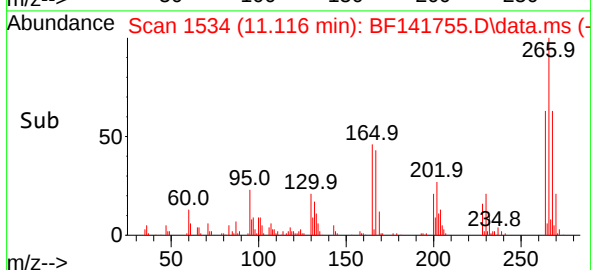
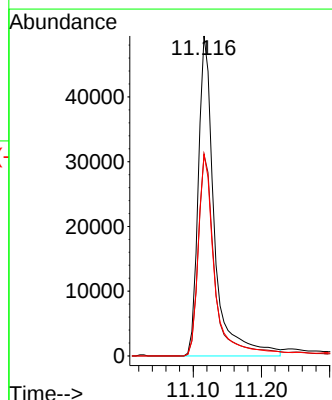
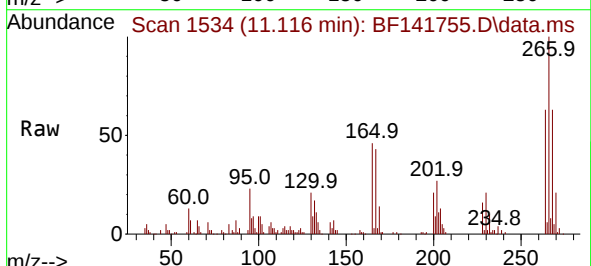
Tgt Ion:266 Resp: 81715

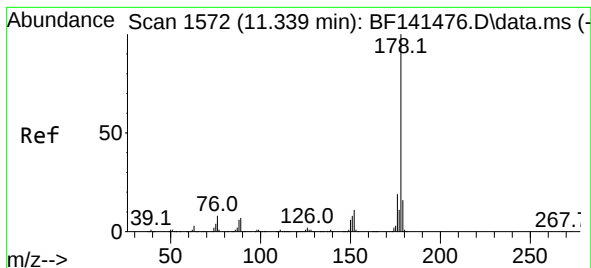
Ion Ratio Lower Upper

266 100

268 63.0 50.1 75.1

264 62.9 50.1 75.1





#71

Phenanthrene

Concen: 40.914 ng

RT: 11.327 min Scan# 1572

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

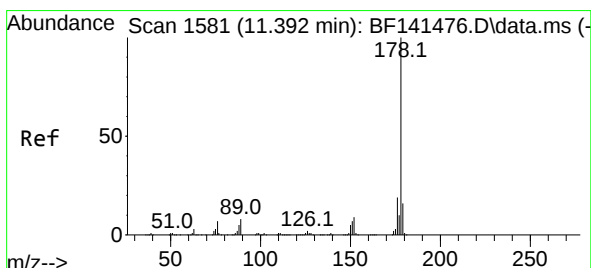
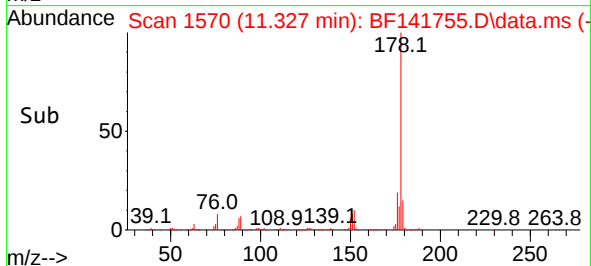
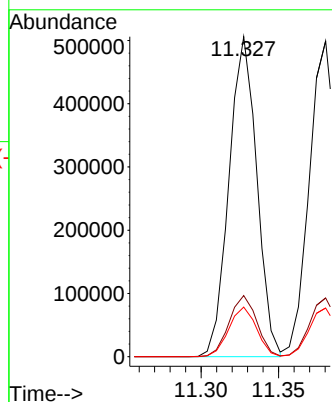
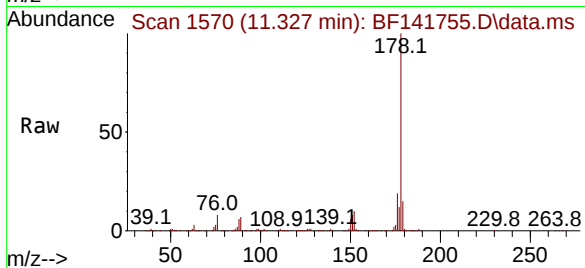
Tgt Ion:178 Resp: 631134

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 41.494 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

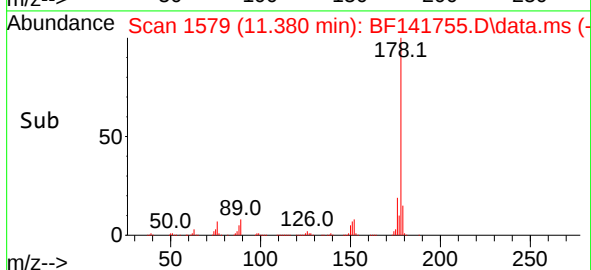
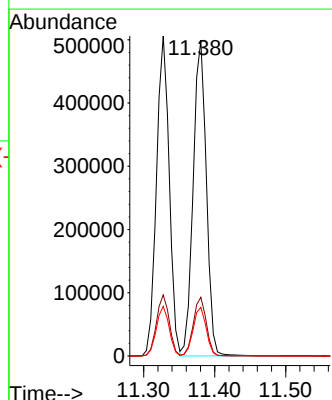
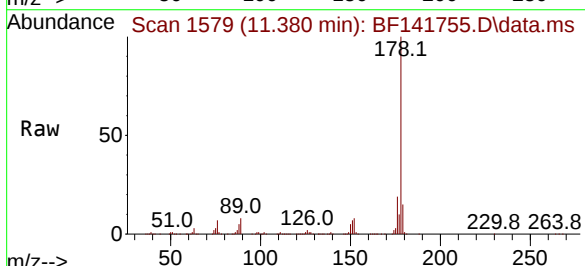
Tgt Ion:178 Resp: 643431

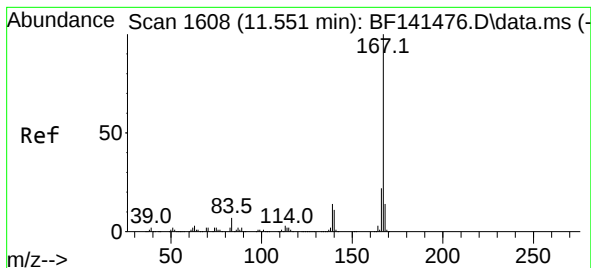
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.4 12.4 18.6





#73

Carbazole

Concen: 38.357 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

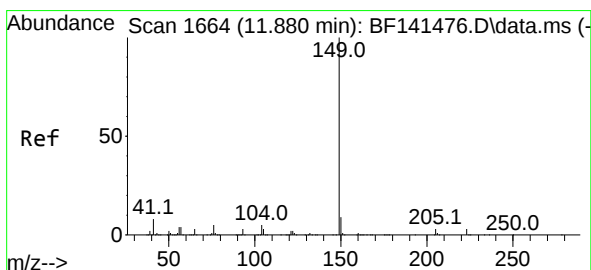
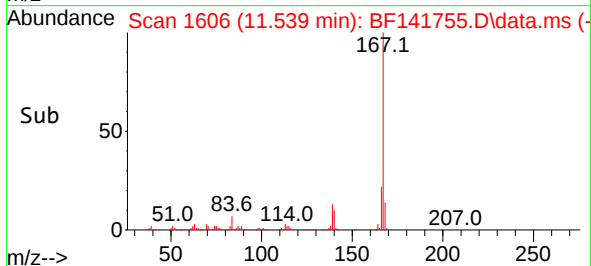
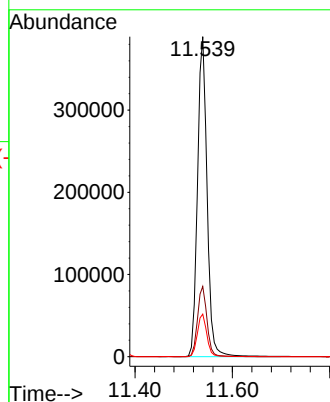
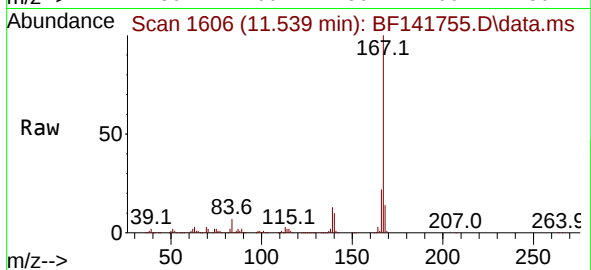
Tgt Ion:167 Resp: 535192

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 40.662 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

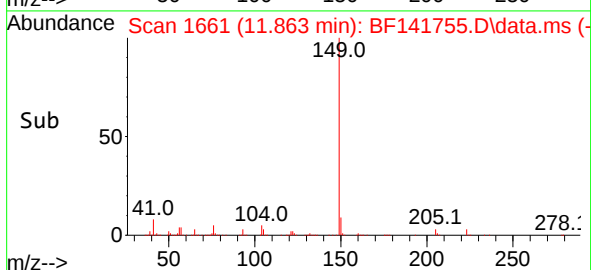
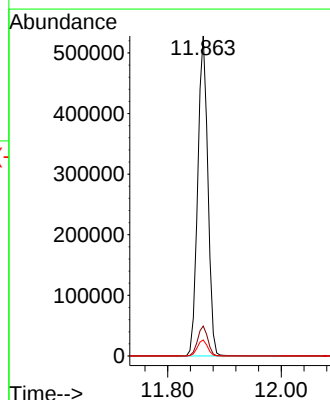
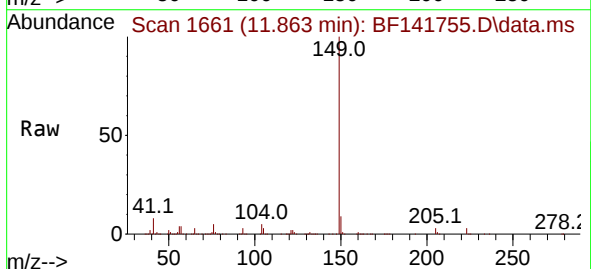
Tgt Ion:149 Resp: 655095

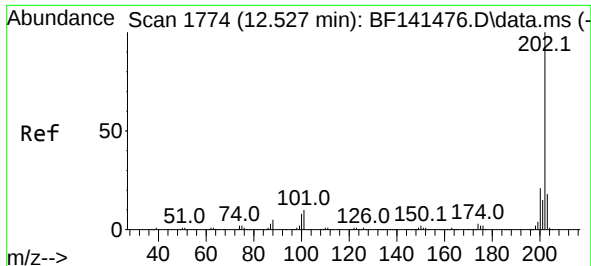
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 4.2 6.2

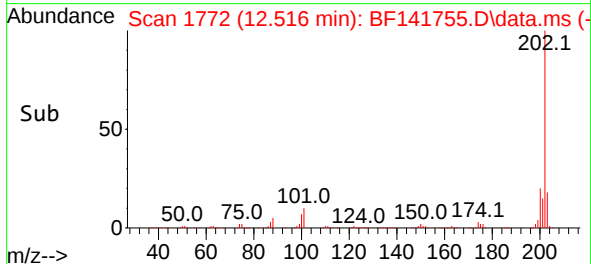
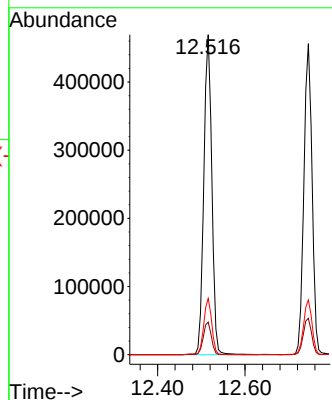
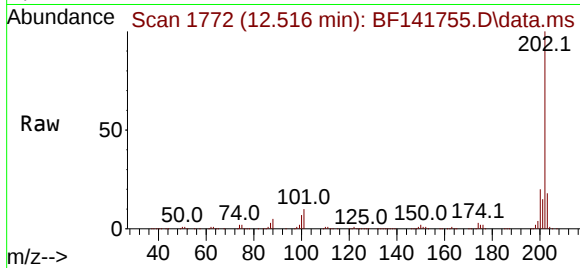




#75  
Fluoranthene  
Concen: 36.703 ng  
RT: 12.516 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

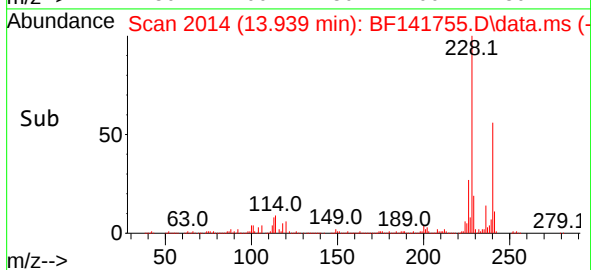
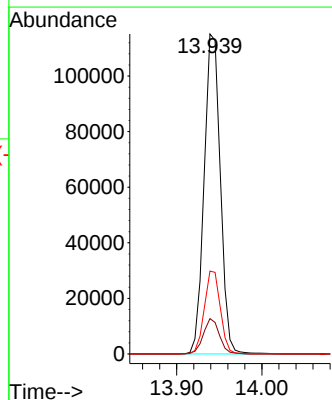
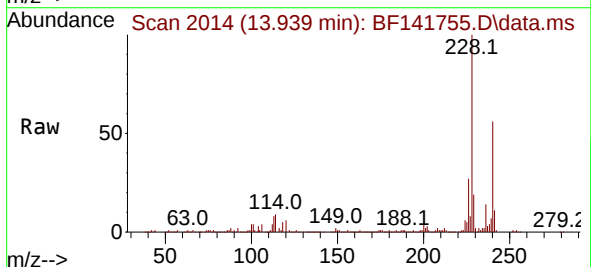
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

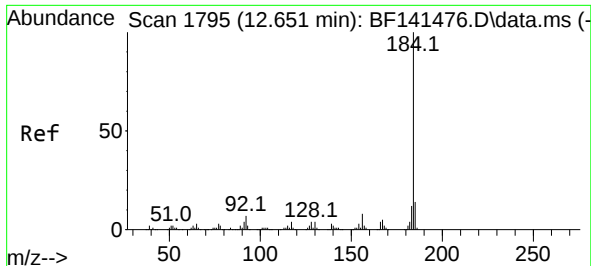
Tgt Ion:202 Resp: 600259  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 30.2  
203 17.5 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. -0.023 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

Tgt Ion:240 Resp: 152344  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.0 12.0  
236 25.9 19.8 29.8

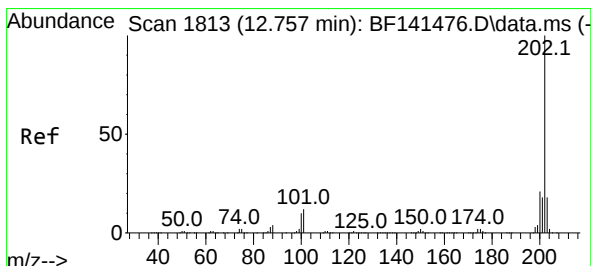
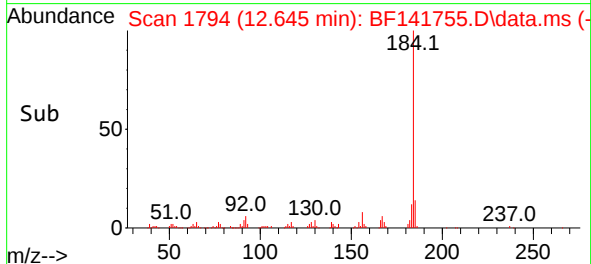
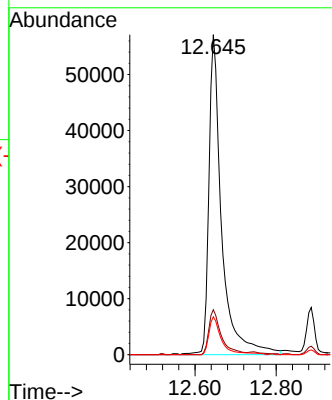
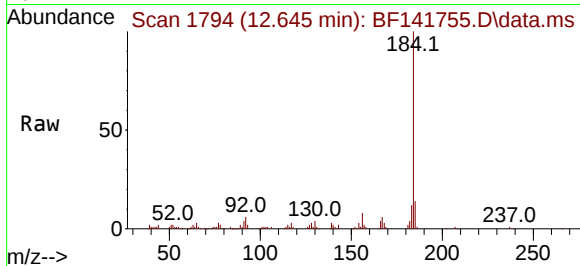




#77  
Benzidine  
Concen: 36.886 ng  
RT: 12.645 min Scan# 1794  
Delta R.T. -0.012 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

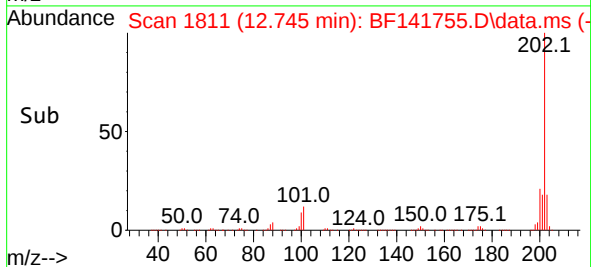
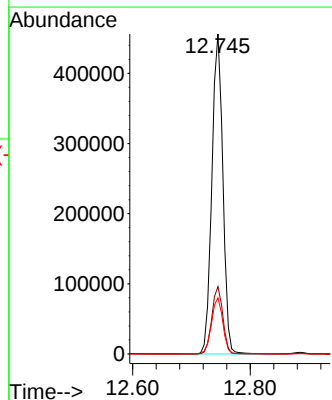
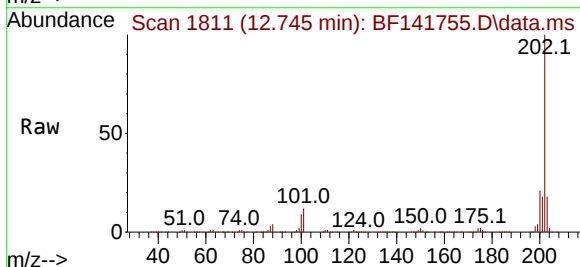
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

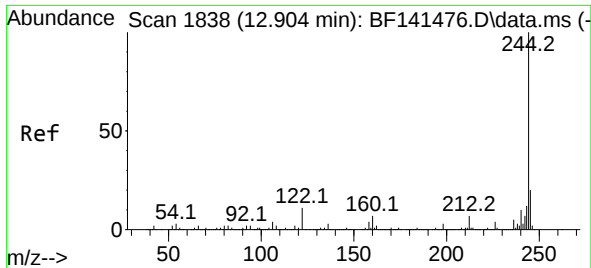
Tgt Ion:184 Resp: 123930  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.3 16.9  
183 11.9 9.3 13.9



#78  
Pyrene  
Concen: 45.595 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. -0.018 min  
Lab File: BF141755.D  
Acq: 25 Feb 2025 10:34

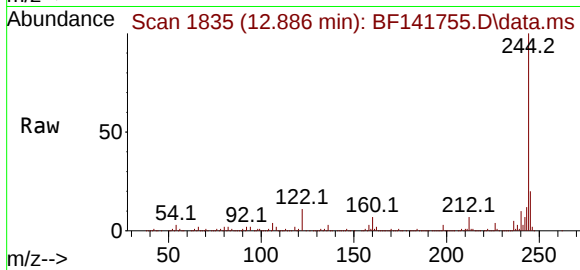
Tgt Ion:202 Resp: 591308  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.4  
203 17.6 14.3 21.5



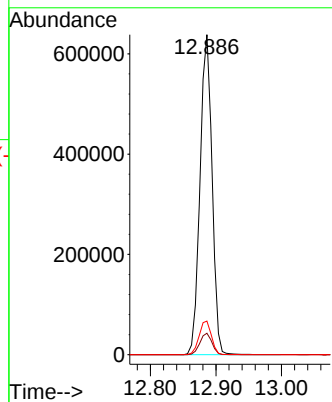
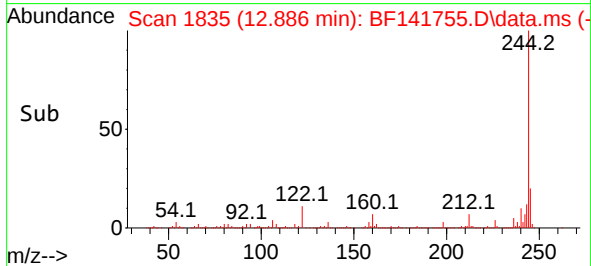


#79  
 Terphenyl-d14  
 Concen: 90.576 ng  
 RT: 12.886 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF141755.D  
 Acq: 25 Feb 2025 10:34

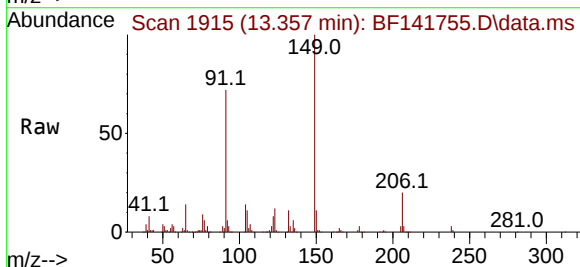
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



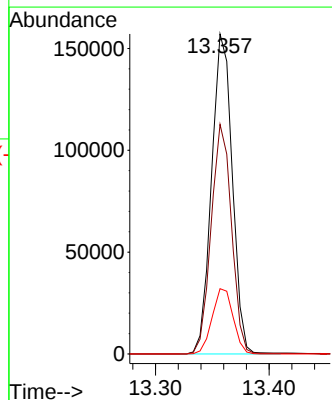
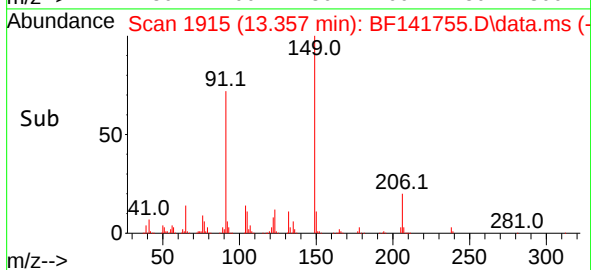
Tgt Ion:244 Resp: 817377  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 10.5 8.4 12.6

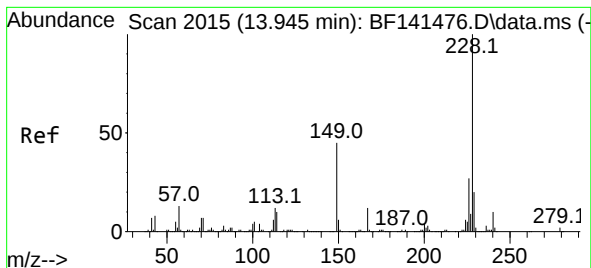


#80  
 Butylbenzylphthalate  
 Concen: 44.277 ng  
 RT: 13.357 min Scan# 1915  
 Delta R.T. -0.023 min  
 Lab File: BF141755.D  
 Acq: 25 Feb 2025 10:34



Tgt Ion:149 Resp: 198892  
 Ion Ratio Lower Upper  
 149 100  
 91 71.8 57.8 86.8  
 206 20.4 16.7 25.1





#81

Benzo(a)anthracene

Concen: 41.938 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

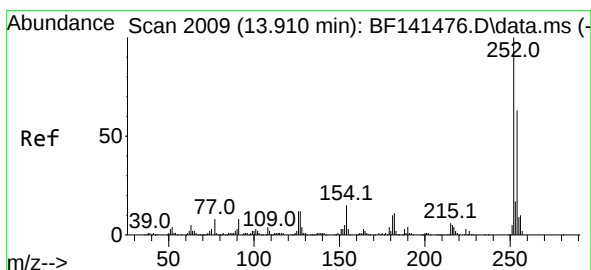
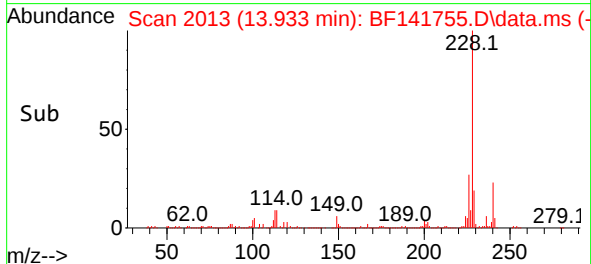
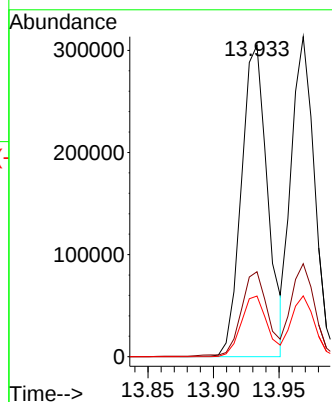
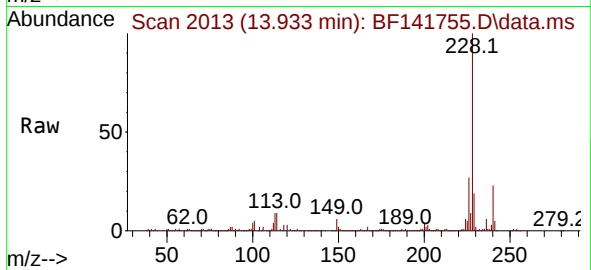
Tgt Ion:228 Resp: 424696

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.271 ng

RT: 13.898 min Scan# 2007

Delta R.T. -0.018 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

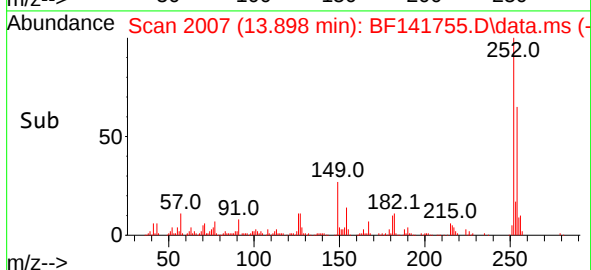
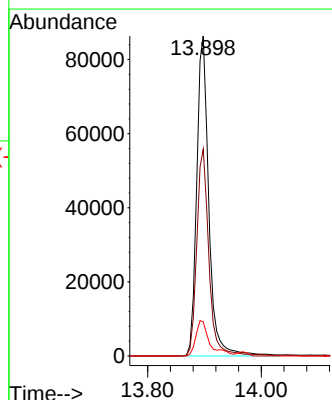
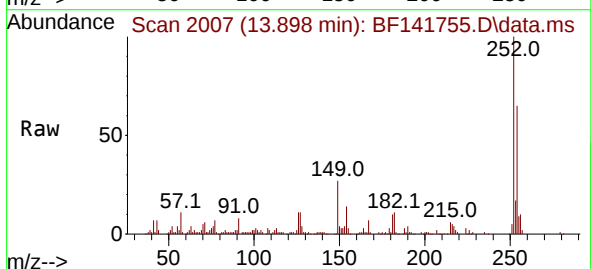
Tgt Ion:252 Resp: 128425

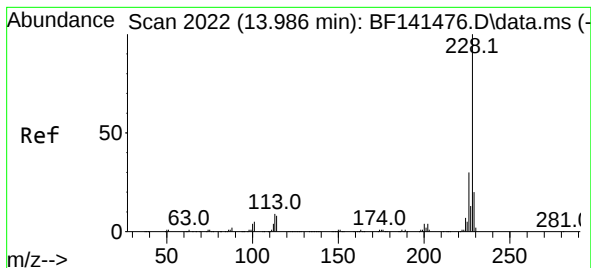
Ion Ratio Lower Upper

252 100

254 64.7 50.6 76.0

126 10.7 9.3 13.9





#83

Chrysene

Concen: 41.405 ng

RT: 13.968 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

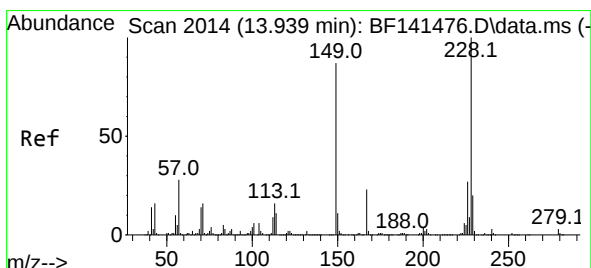
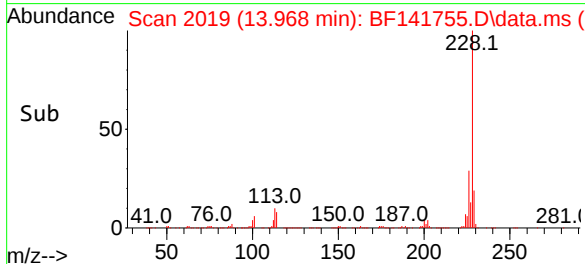
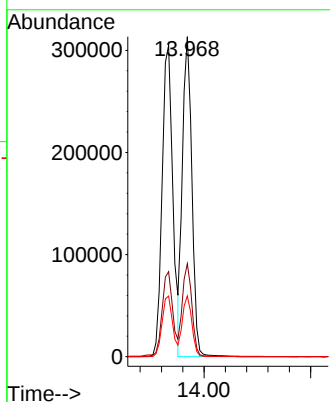
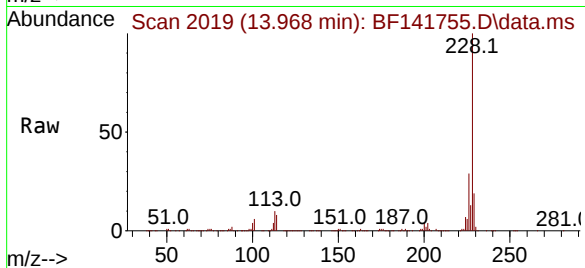
Tgt Ion:228 Resp: 387162

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

229 19.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.688 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

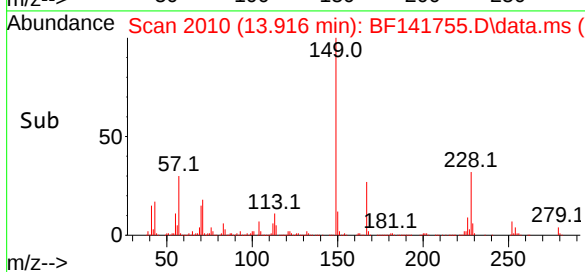
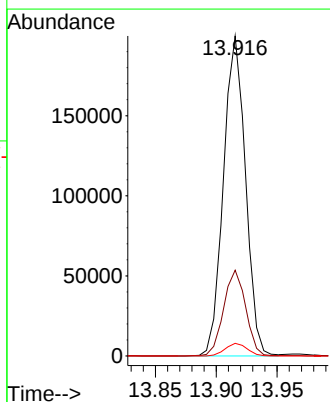
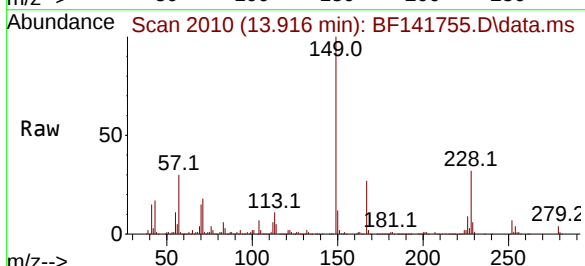
Tgt Ion:149 Resp: 251728

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.543 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

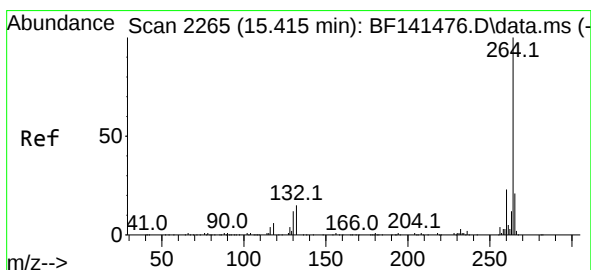
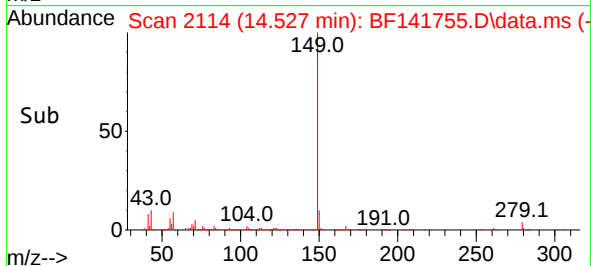
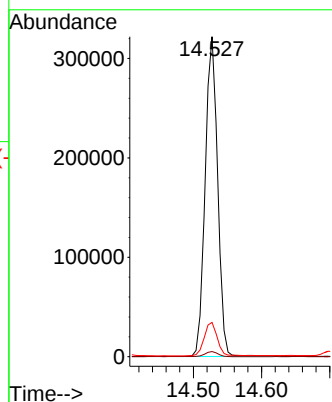
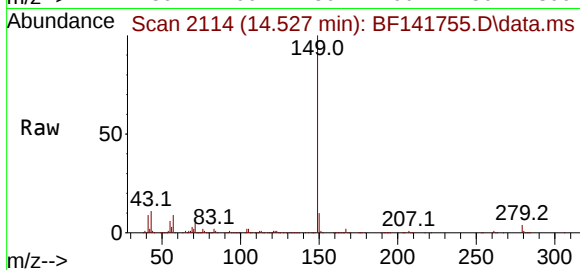
Tgt Ion:149 Resp: 408656

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

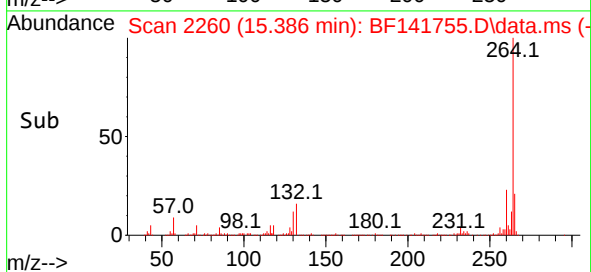
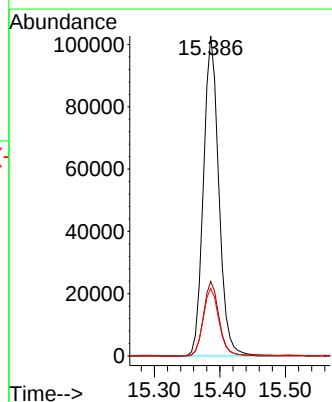
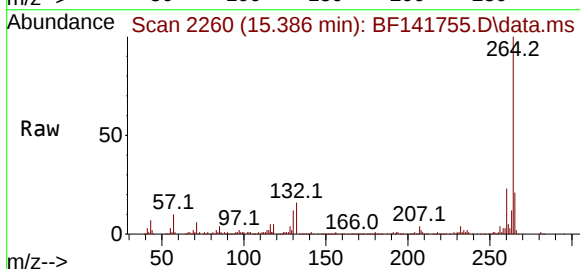
Tgt Ion:264 Resp: 167961

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.386 ng

RT: 16.827 min Scan# 2189

Delta R.T. -0.047 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

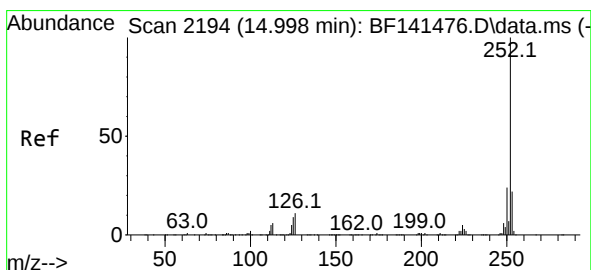
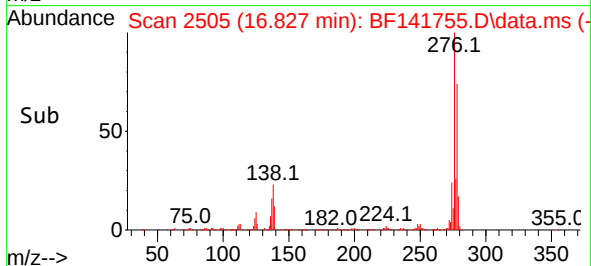
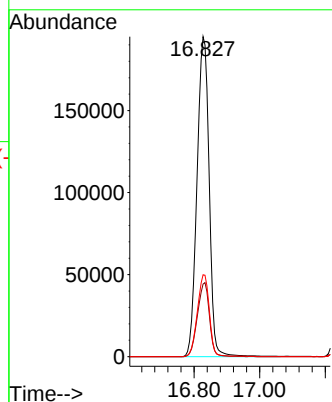
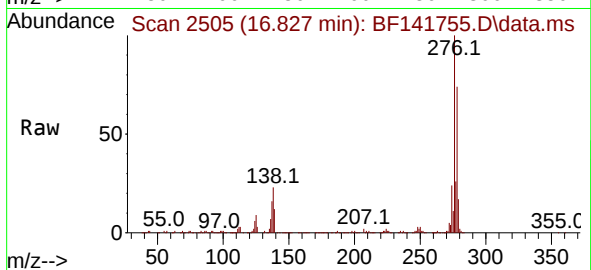
Tgt Ion:276 Resp: 502156

Ion Ratio Lower Upper

276 100

138 22.9 18.0 27.0

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 34.885 ng

RT: 14.968 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

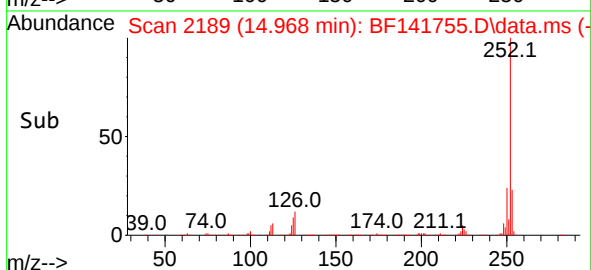
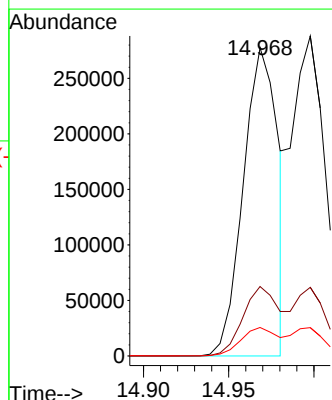
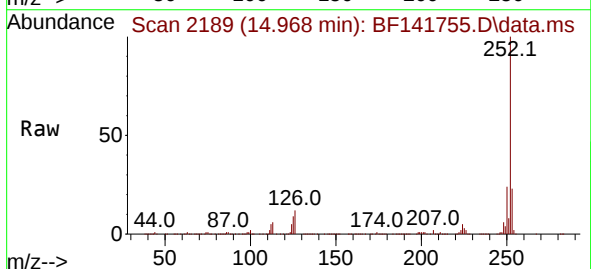
Tgt Ion:252 Resp: 393427

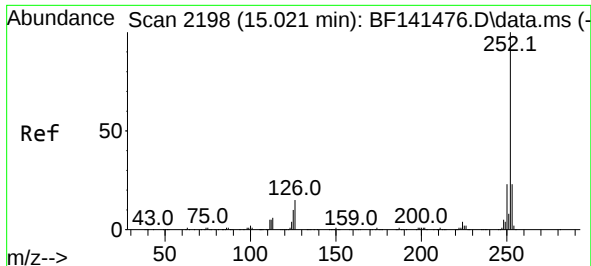
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 34.682 ng

RT: 14.998 min Scan# 2198

Delta R.T. -0.035 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

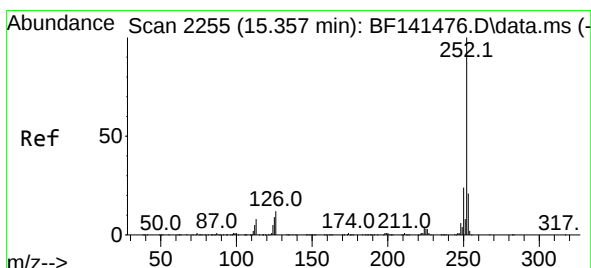
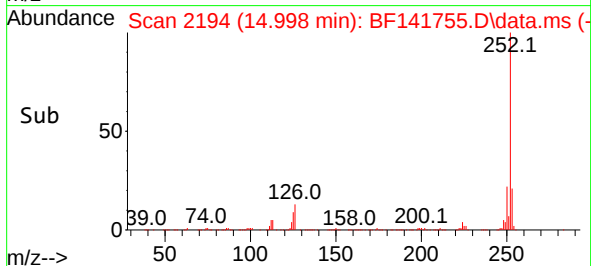
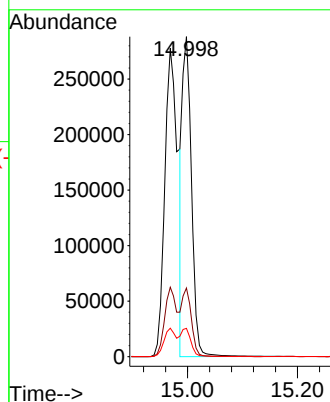
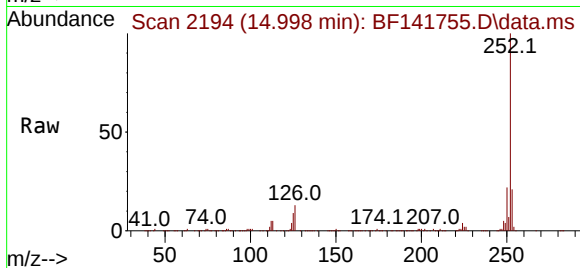
Tgt Ion:252 Resp: 333990

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 8.8 7.4 11.0



#90

Benzo(a)pyrene

Concen: 40.454 ng

RT: 15.327 min Scan# 2250

Delta R.T. -0.035 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

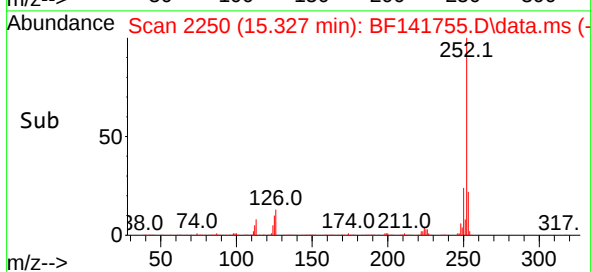
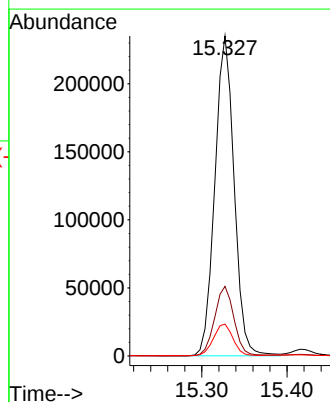
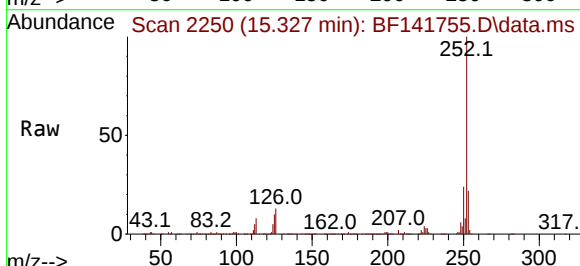
Tgt Ion:252 Resp: 369170

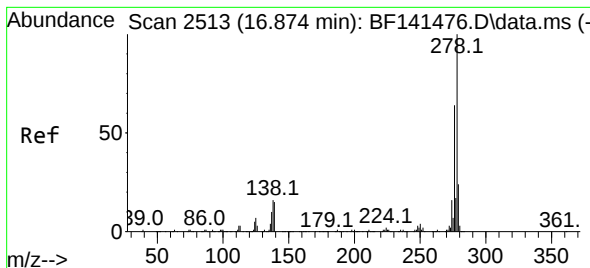
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.0 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 49.009 ng

RT: 16.839 min Scan# 2507

Delta R.T. -0.053 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

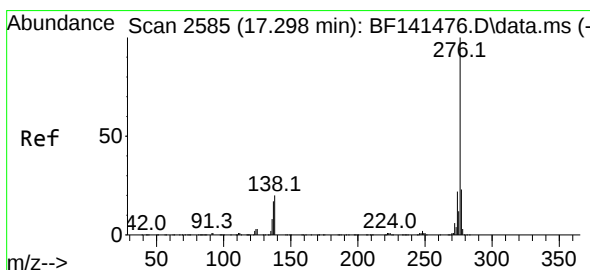
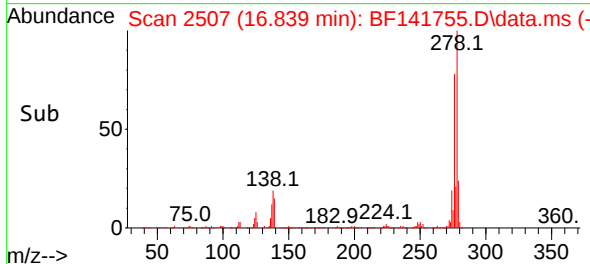
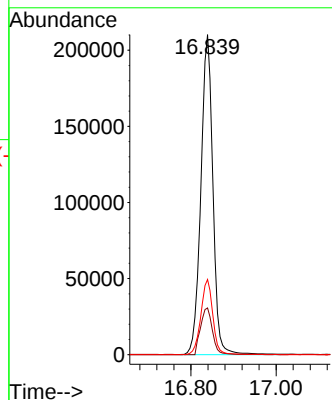
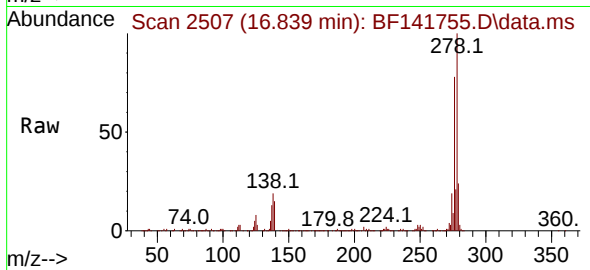
Tgt Ion:278 Resp: 412131

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.600 ng

RT: 17.262 min Scan# 2579

Delta R.T. -0.053 min

Lab File: BF141755.D

Acq: 25 Feb 2025 10:34

Tgt Ion:276 Resp: 427677

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.6 15.9 23.9

