

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021825\  
 Data File : BF141655.D  
 Acq On : 18 Feb 2025 10:20  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 18 10:59:54 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  | 112725   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 432015   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 226440   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 383246   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 13.945 | 240  | 218926   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 15.380 | 264  | 197651   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 587534   | 81.712 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 717292   | 78.928 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 653281   | 78.872 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 184451   | 81.088 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 1181147  | 80.362 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.886 | 244  | 1174122  | 90.538 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.487  | 88   | 117504   | 40.604 | ng    | 96       |
| 3) Pyridine                   | 3.216  | 79   | 286528   | 41.608 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.175  | 42   | 177506   | 38.928 | ng    | 94       |
| 6) Aniline                    | 6.451  | 93   | 296570   | 34.789 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.575  | 128  | 309412   | 39.825 | ng    | 100      |
| 9) Benzaldehyde               | 6.334  | 77   | 210121   | 43.509 | ng    | 99       |
| 10) Phenol                    | 6.445  | 94   | 371415   | 39.267 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 290422   | 40.878 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 330595   | 40.305 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 332061   | 39.624 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.957  | 146  | 312766   | 40.212 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.934  | 79   | 261366   | 37.504 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 440287   | 36.203 | ng    | 83       |
| 17) 2-Methylphenol            | 7.051  | 107  | 234367   | 38.547 | ng    | 96       |
| 18) Hexachloroethane          | 7.292  | 117  | 125002   | 40.304 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 204006   | 37.528 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 295071   | 38.188 | ng    | # 85     |
| 22) Acetophenone              | 7.198  | 105  | 419847   | 39.068 | ng    | 97       |
| 24) Nitrobenzene              | 7.369  | 77   | 317738   | 39.340 | ng    | 100      |
| 25) Isophorone                | 7.610  | 82   | 512290   | 38.790 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.686  | 139  | 163736   | 40.747 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 189175   | 40.299 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 336141   | 39.721 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 259764   | 40.955 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 278571   | 40.332 | ng    | 99       |
| 31) Naphthalene               | 8.086  | 128  | 894352   | 39.770 | ng    | 100      |
| 32) Benzoic acid              | 7.869  | 122  | 175070   | 35.905 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 299491   | 38.145 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 168936   | 40.742 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 76278    | 39.499 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.633  | 107  | 272522   | 38.789 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 575443   | 39.323 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 548779   | 38.720 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 269823   | 41.187 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.928  | 237  | 75901    | 34.833 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 172682   | 40.783 | ng    | 100      |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 185554   | 40.436 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 712857   | 40.606 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 527002   | 40.596 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.369  | 65   | 171194   | 39.294 | ng    | 97       |
| 49) Acenaphthylene            | 9.680  | 152  | 774337   | 40.103 | ng    | 99       |
| 50) Dimethylphthalate         | 9.545  | 163  | 624216   | 40.606 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.610  | 165  | 135682   | 40.375 | ng    | 98       |
| 52) Acenaphthene              | 9.851  | 154  | 517922   | 39.898 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.780  | 138  | 141694   | 39.175 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 71652    | 35.875 | ng    | 94       |
| 55) Dibenzofuran              | 10.022 | 168  | 755210   | 39.635 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.957  | 139  | 115756   | 43.113 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 177455   | 39.667 | ng    | 96       |
| 58) Fluorene                  | 10.369 | 166  | 588202   | 39.925 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232  | 159517   | 40.377 | ng    | 96       |
| 60) Diethylphthalate          | 10.239 | 149  | 604026   | 39.937 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.357 | 204  | 287690   | 40.591 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 123067m  | 33.509 | ng    |          |
| 63) Azobenzene                | 10.522 | 77   | 597208   | 39.719 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198  | 105443   | 39.607 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.480 | 169  | 496381   | 40.461 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.845 | 248  | 174095   | 40.645 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.916 | 284  | 179321   | 40.657 | ng    | 100      |
| 69) Atrazine                  | 11.010 | 200  | 120966   | 32.867 | ng    | 98       |
| 70) Pentachlorophenol         | 11.116 | 266  | 101069   | 35.837 | ng    | 99       |
| 71) Phenanthrene              | 11.327 | 178  | 836194   | 39.638 | ng    | 100      |
| 72) Anthracene                | 11.380 | 178  | 847750   | 39.976 | ng    | 100      |
| 73) Carbazole                 | 11.539 | 167  | 741591   | 38.864 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.863 | 149  | 896373   | 40.684 | ng    | 100      |
| 75) Fluoranthene              | 12.516 | 202  | 841010   | 37.602 | ng    | 100      |
| 77) Benzidine                 | 12.663 | 184  | 67484m   | 13.977 | ng    |          |
| 78) Pyrene                    | 12.745 | 202  | 837591   | 44.944 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.363 | 149  | 293146   | 45.413 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 584422   | 40.159 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 144611   | 34.690 | ng    | 98       |
| 83) Chrysene                  | 13.968 | 228  | 537527   | 40.003 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.921 | 149  | 347240   | 47.695 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.533 | 149  | 495232   | 47.682 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.821 | 276  | 559741   | 45.833 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.968 | 252  | 493072   | 37.153 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 14.998 | 252  | 469230   | 41.406 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.321 | 252  | 429129   | 39.961 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.833 | 278  | 454381   | 45.917 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.251 | 276  | 478556   | 46.213 | ng    | 99       |

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

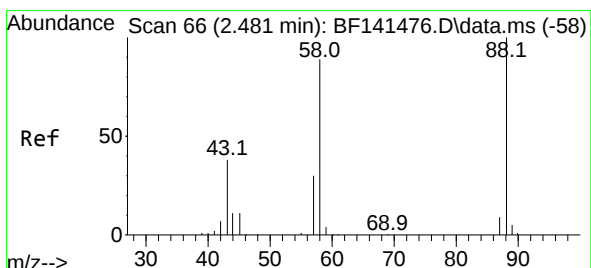
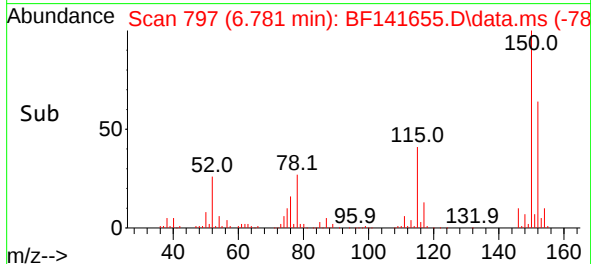
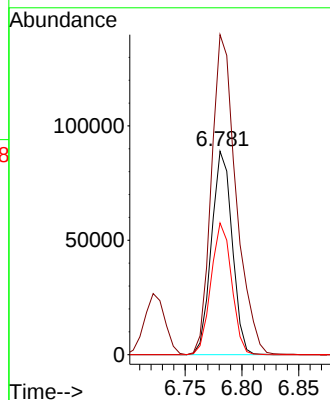
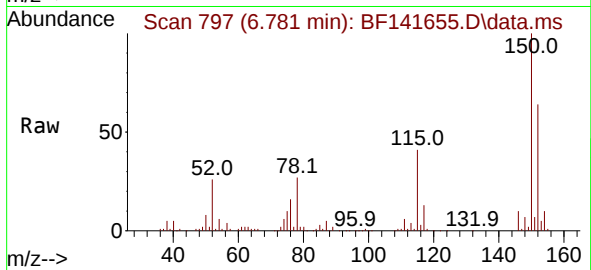




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

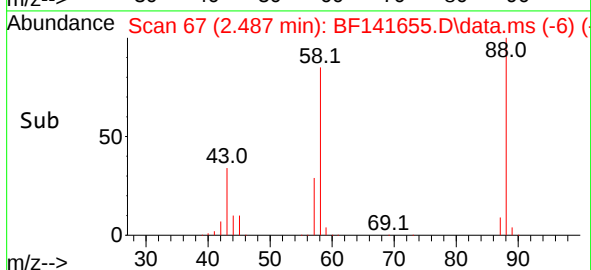
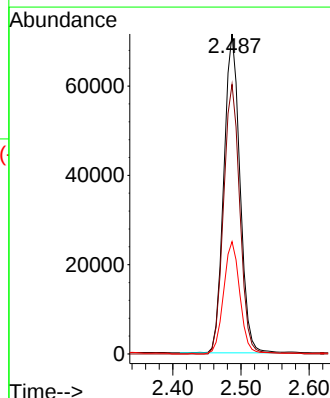
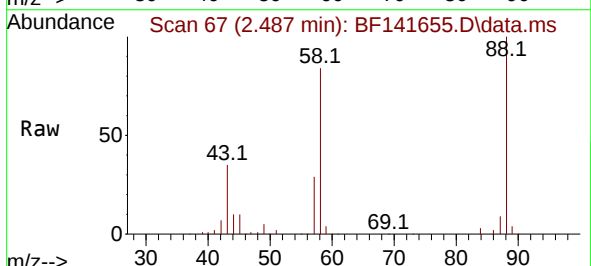
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

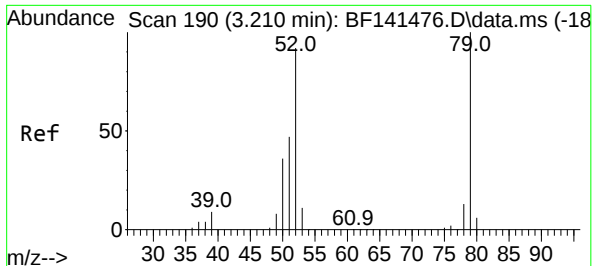
Tgt Ion:152 Resp: 112725  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 125.0 187.4  
 115 64.8 53.6 80.4



#2  
 1,4-Dioxane  
 Concen: 40.604 ng  
 RT: 2.487 min Scan# 67  
 Delta R.T. 0.006 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

Tgt Ion: 88 Resp: 117504  
 Ion Ratio Lower Upper  
 88 100  
 58 85.6 71.1 106.7  
 43 35.8 30.6 46.0

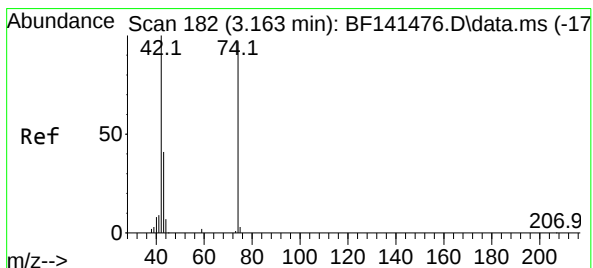
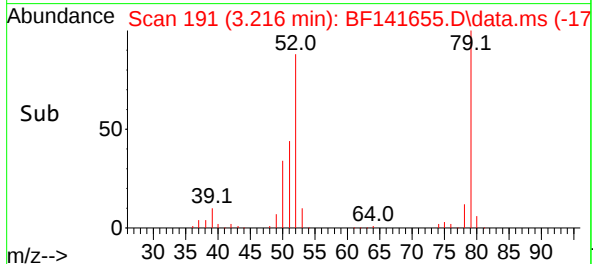
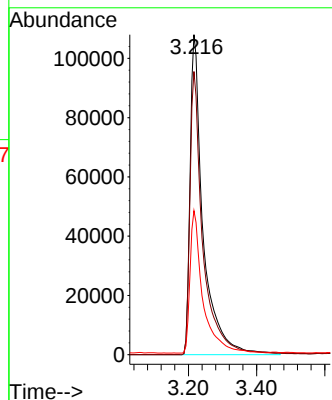
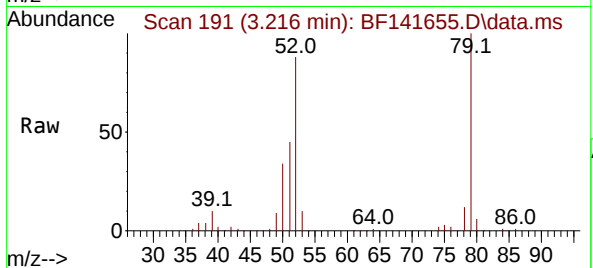




#3  
Pyridine  
Concen: 41.608 ng  
RT: 3.216 min Scan# 190  
Delta R.T. 0.000 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

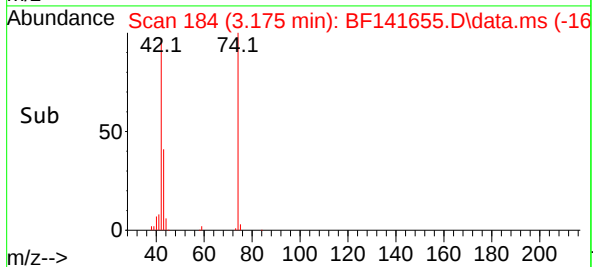
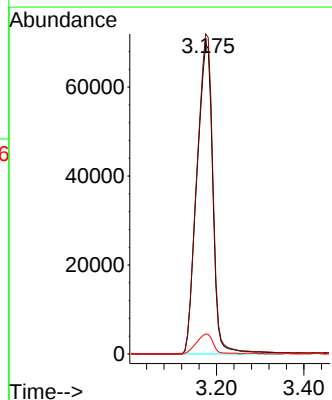
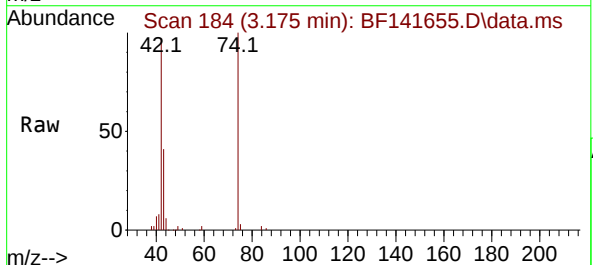
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 286528  
Ion Ratio Lower Upper  
79 100  
52 88.5 73.7 110.5  
51 45.0 37.5 56.3



#4  
n-Nitrosodimethylamine  
Concen: 38.928 ng  
RT: 3.175 min Scan# 184  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion: 42 Resp: 177506  
Ion Ratio Lower Upper  
42 100  
74 103.3 78.0 117.0  
44 6.4 5.4 8.2

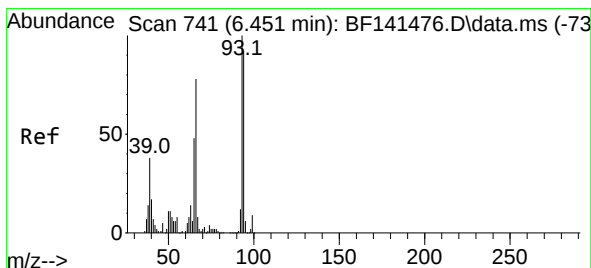
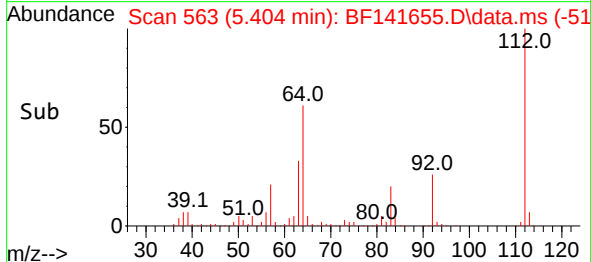
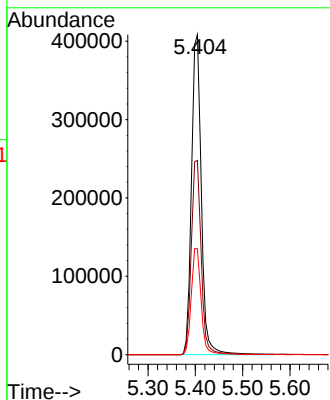
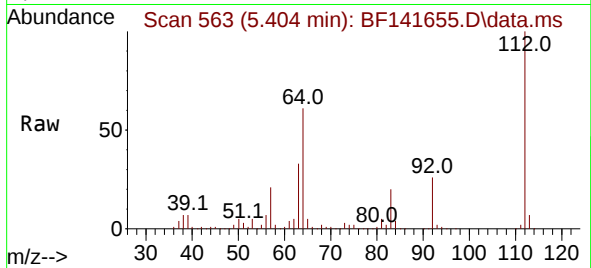




#5  
2-Fluorophenol  
Concen: 81.712 ng  
RT: 5.404 min Scan# 563  
Delta R.T. -0.006 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

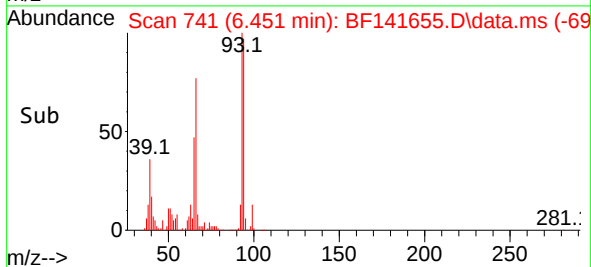
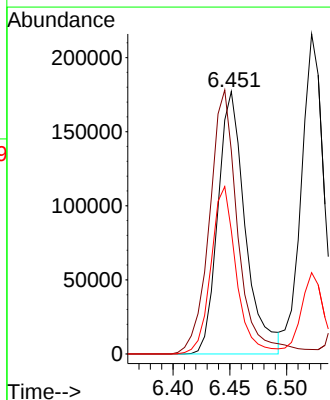
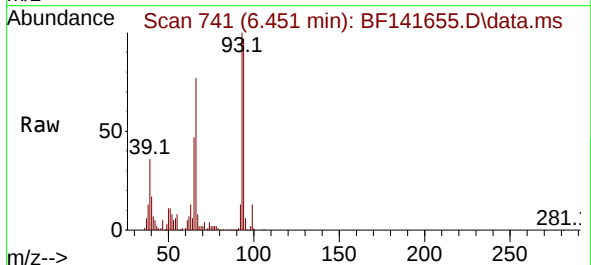
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:112 Resp: 587534  
Ion Ratio Lower Upper  
112 100  
64 60.7 51.1 76.7  
63 33.1 28.4 42.6



#6  
Aniline  
Concen: 34.789 ng  
RT: 6.451 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion: 93 Resp: 296570  
Ion Ratio Lower Upper  
93 100  
66 77.4 62.6 94.0  
65 47.0 38.3 57.5

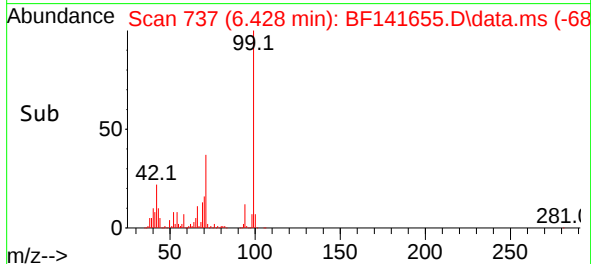
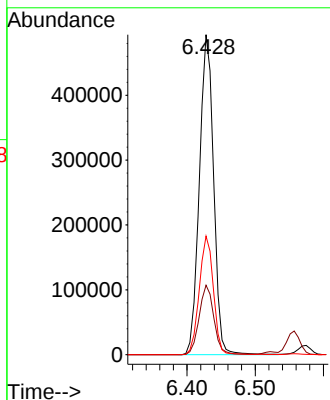
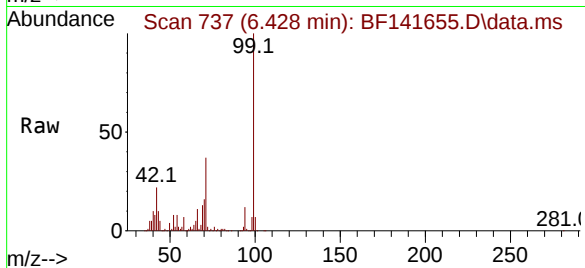




#7  
Phenol-d6  
Concen: 78.928 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

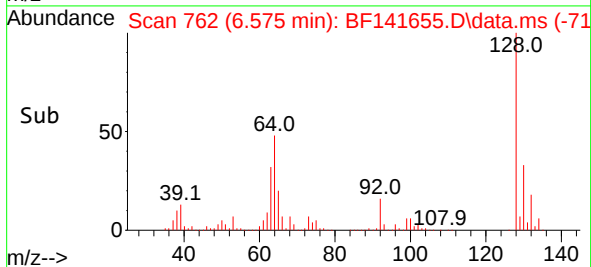
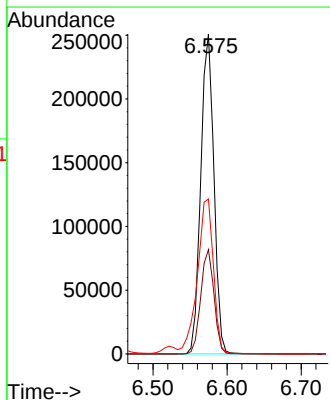
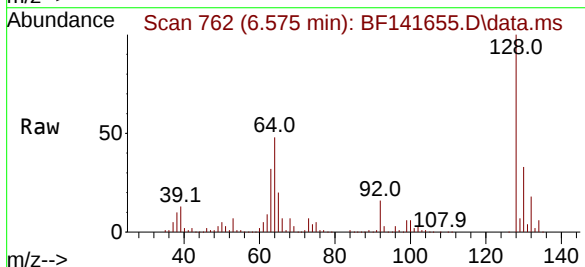
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 717292  
Ion Ratio Lower Upper  
99 100  
42 21.7 19.1 28.7  
71 37.0 31.1 46.7



#8  
2-Chlorophenol  
Concen: 39.825 ng  
RT: 6.575 min Scan# 762  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:128 Resp: 309412  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.7 52.7  
64 48.4 28.3 68.3





#9

Benzaldehyde

Concen: 43.509 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

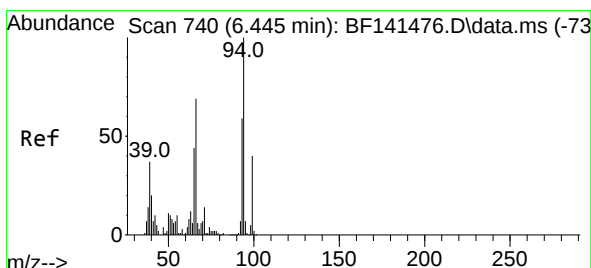
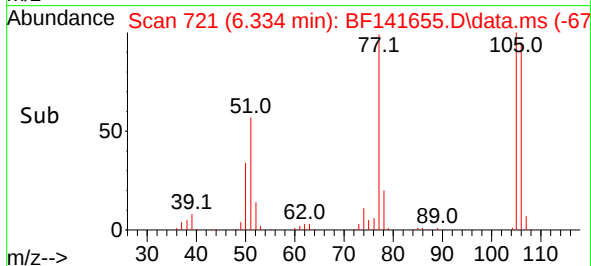
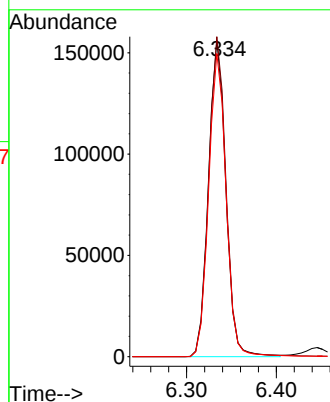
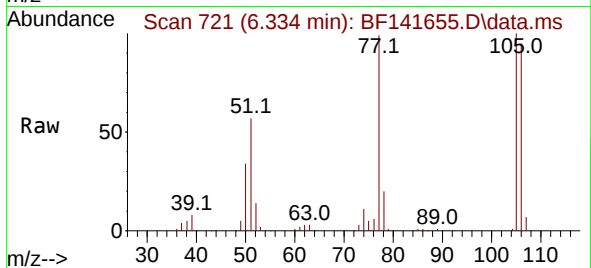
Tgt Ion: 77 Resp: 210121

Ion Ratio Lower Upper

77 100

105 101.1 79.4 119.4

106 95.9 75.1 115.1



#10

Phenol

Concen: 39.267 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

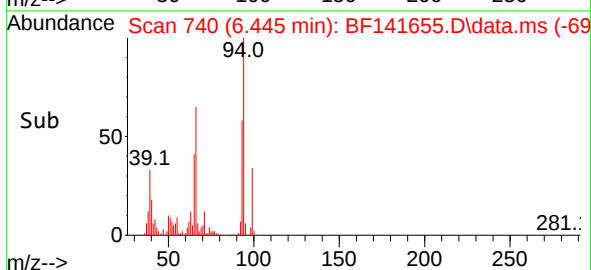
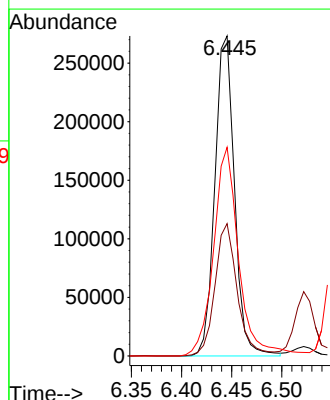
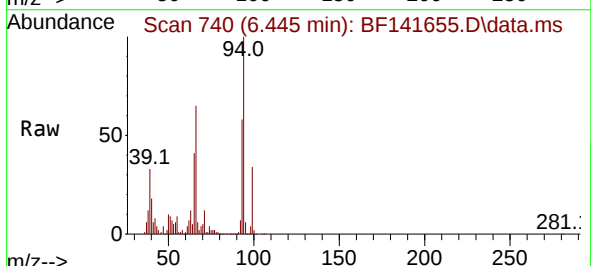
Tgt Ion: 94 Resp: 371415

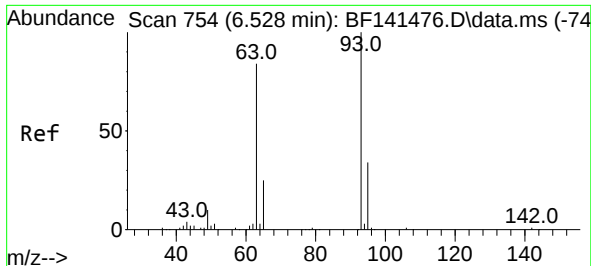
Ion Ratio Lower Upper

94 100

65 41.4 23.7 63.7

66 65.2 49.3 89.3

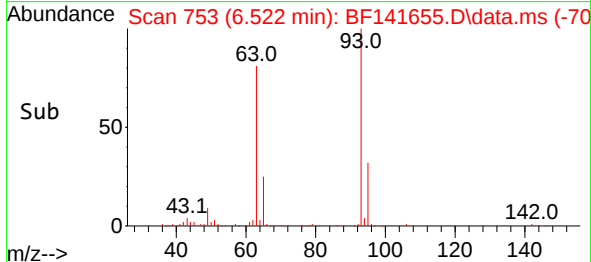
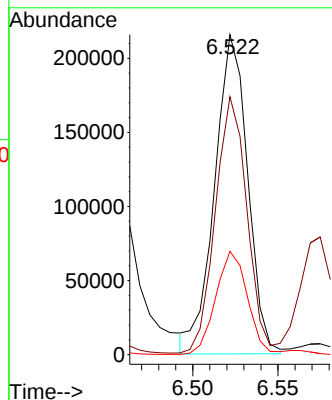
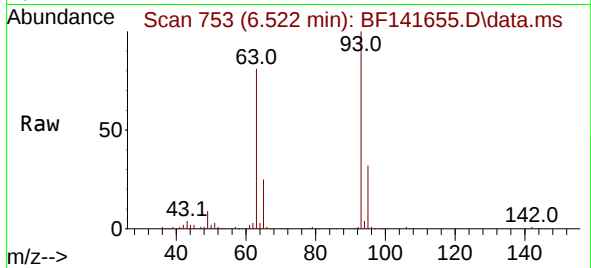




#11  
bis(2-Chloroethyl)ether  
Concen: 40.878 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

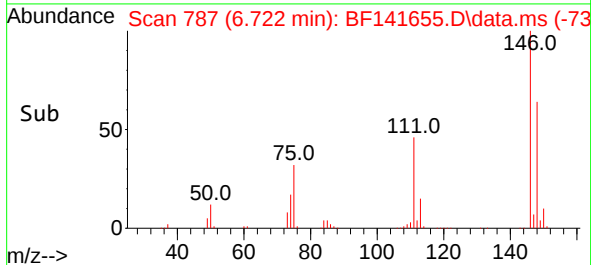
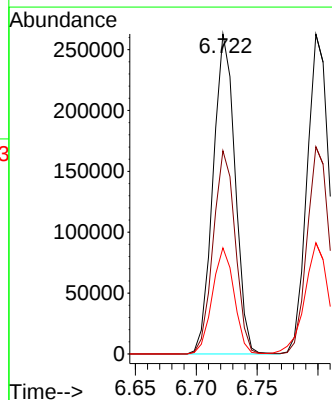
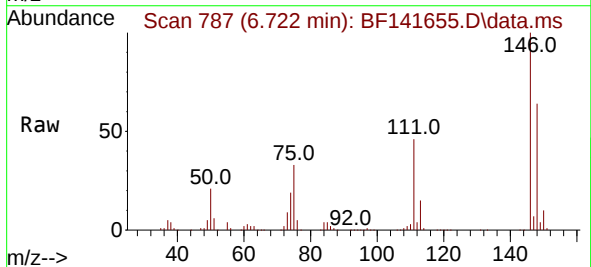
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

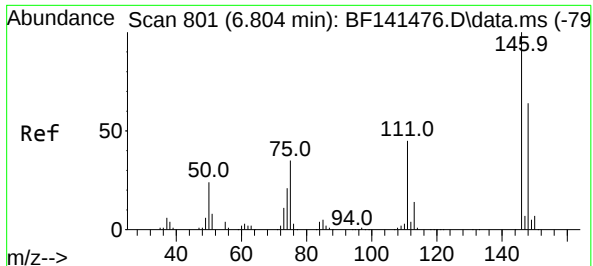
Tgt Ion: 93 Resp: 290422  
Ion Ratio Lower Upper  
93 100  
63 80.6 62.0 102.0  
95 32.3 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 40.305 ng  
RT: 6.722 min Scan# 787  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:146 Resp: 330595  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.9 77.9  
75 33.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.624 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

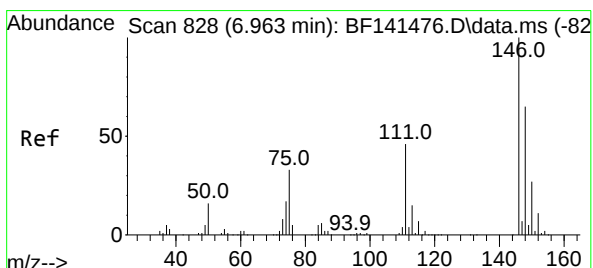
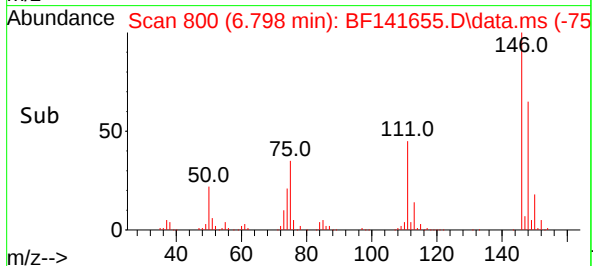
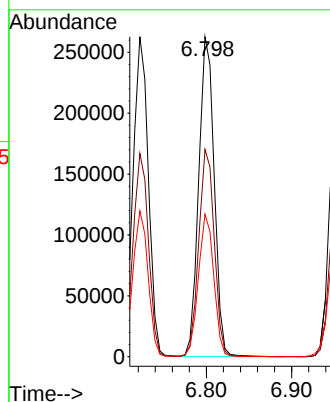
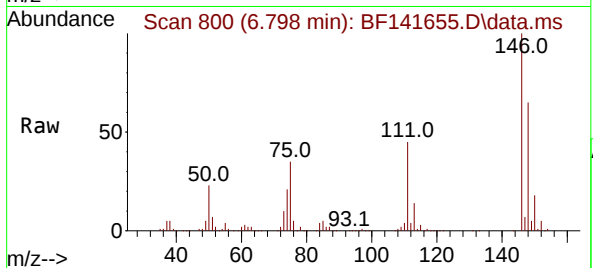
Tgt Ion:146 Resp: 332061

Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

111 44.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.212 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

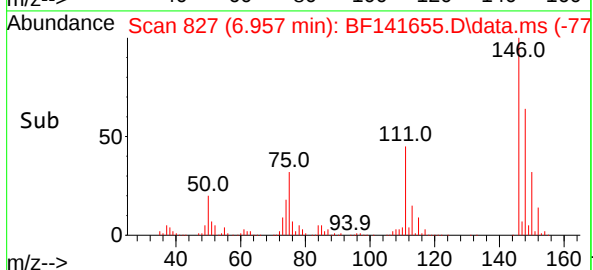
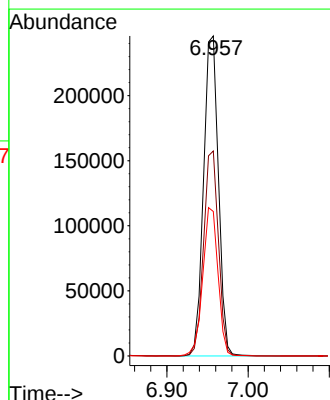
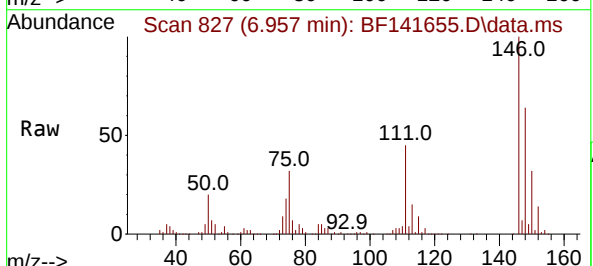
Tgt Ion:146 Resp: 312766

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

111 45.2 37.0 55.4

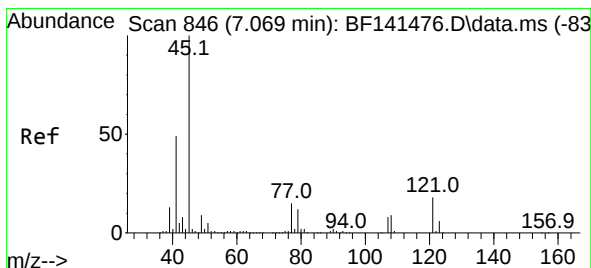
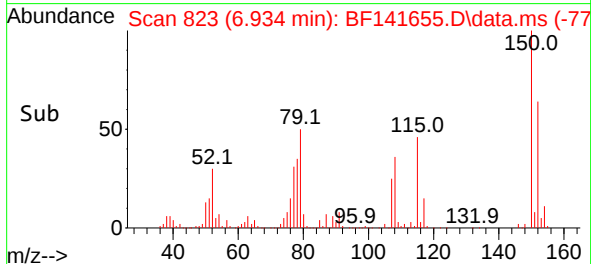
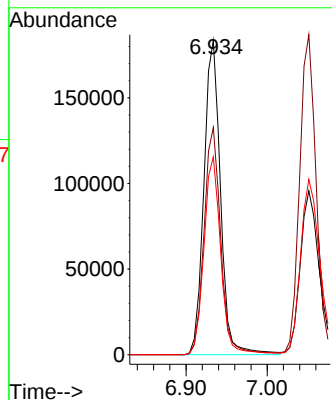
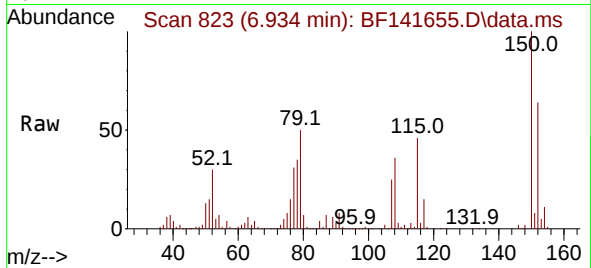




#15  
Benzyl Alcohol  
Concen: 37.504 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

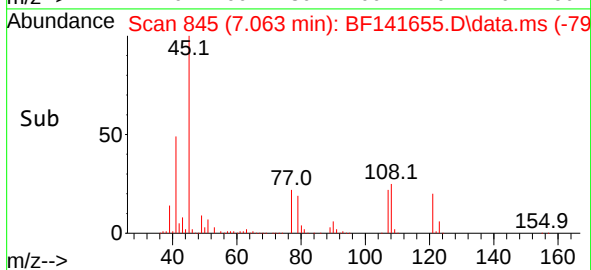
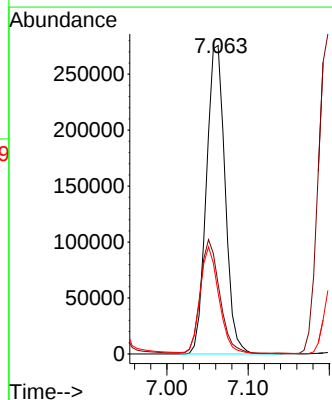
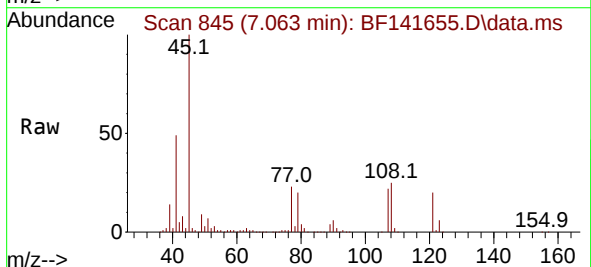
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

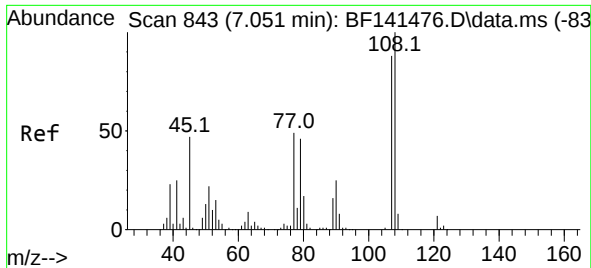
Tgt Ion: 79 Resp: 261366  
Ion Ratio Lower Upper  
79 100  
108 72.3 57.4 86.2  
77 62.9 50.9 76.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.203 ng  
RT: 7.063 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion: 45 Resp: 440287  
Ion Ratio Lower Upper  
45 100  
77 22.6 0.0 35.8  
79 19.7 0.0 32.7

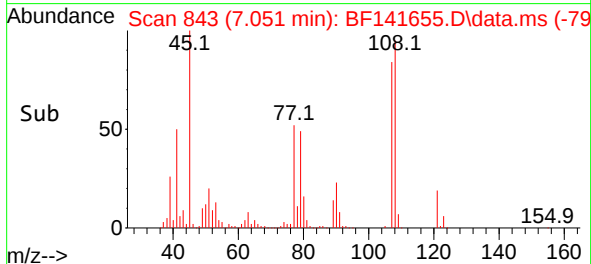
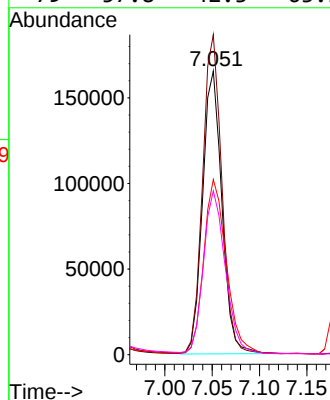
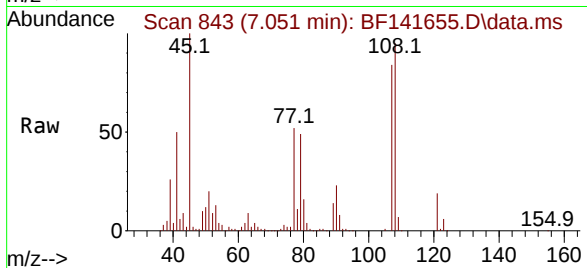




#17  
2-Methylphenol  
Concen: 38.547 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

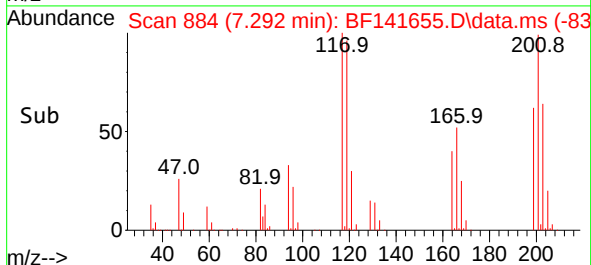
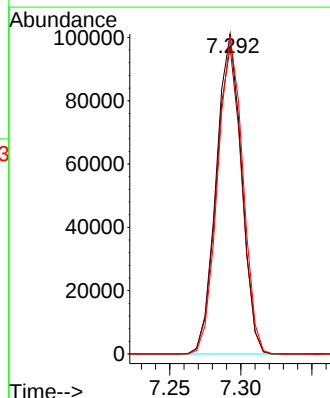
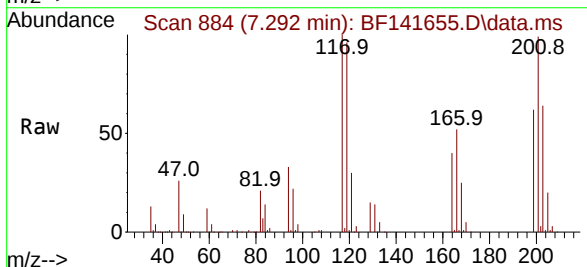
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 234367  
Ion Ratio Lower Upper  
107 100  
108 112.8 90.6 136.0  
77 61.8 44.4 66.6  
79 57.8 42.3 63.5



#18  
Hexachloroethane  
Concen: 40.304 ng  
RT: 7.292 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:117 Resp: 125002  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.5 114.7  
201 99.2 76.7 115.1

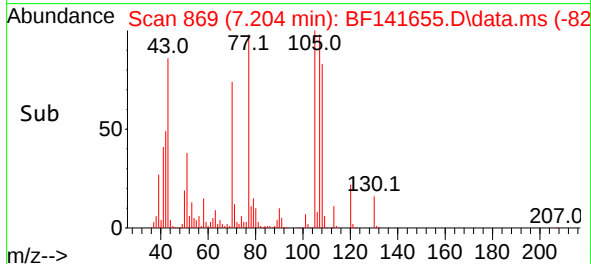
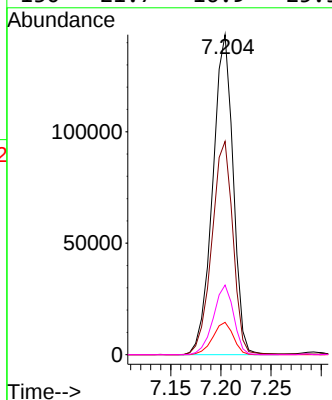
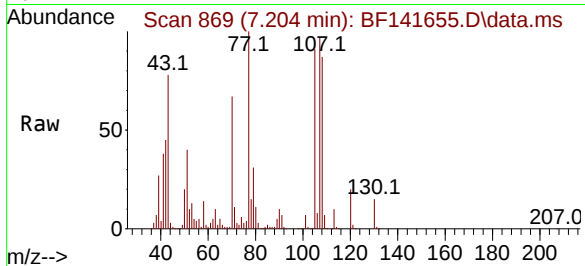




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.528 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

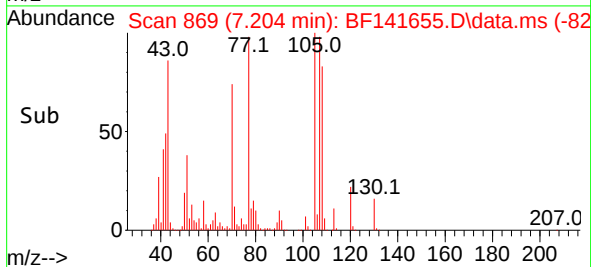
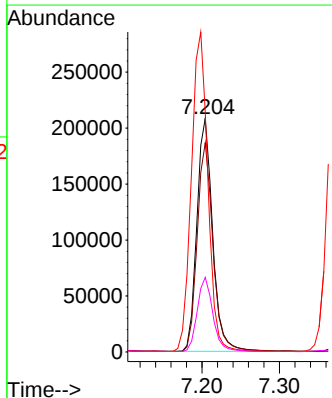
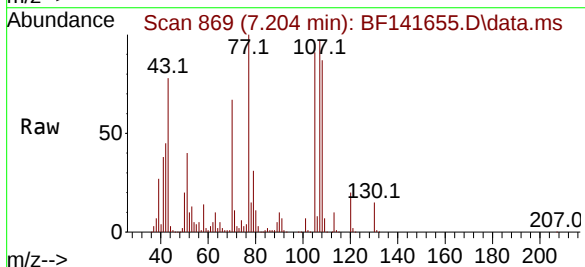
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

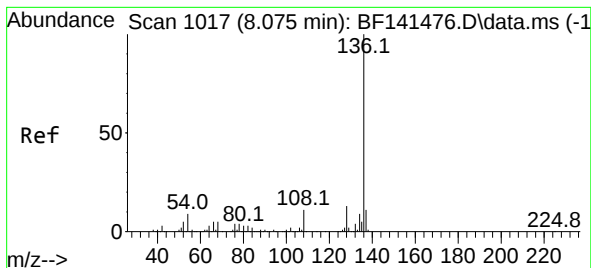
Tgt Ion: 70 Resp: 204006  
Ion Ratio Lower Upper  
70 100  
42 66.6 57.4 86.2  
101 10.1 8.0 12.0  
130 21.7 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 38.188 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion: 107 Resp: 295071  
Ion Ratio Lower Upper  
107 100  
108 89.5 68.5 108.5  
77 102.7 116.5 156.5#  
79 31.9 12.0 52.0



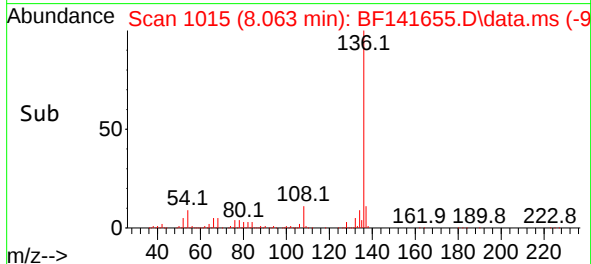
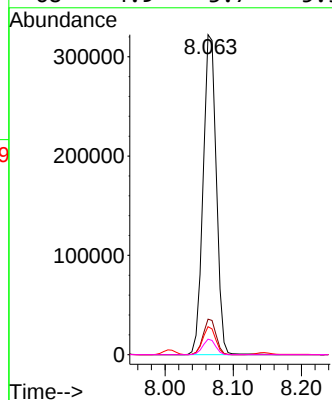
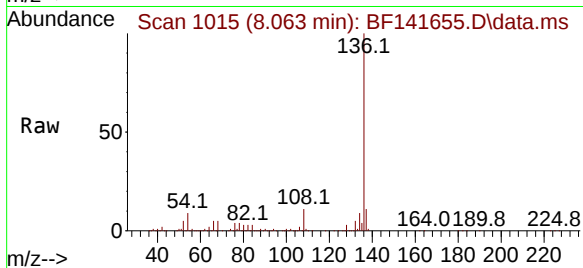


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 432015

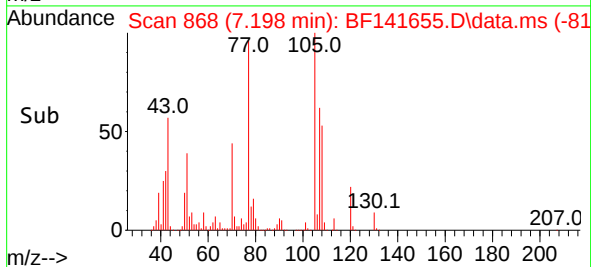
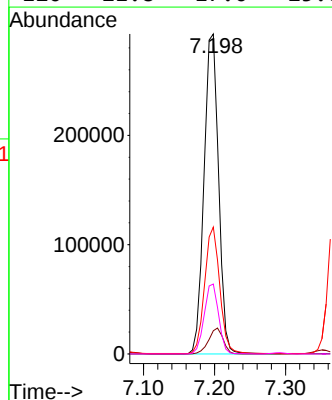
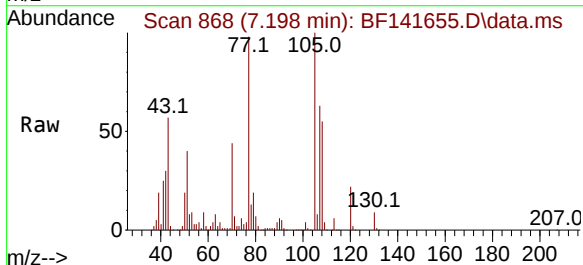
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 8.8   | 7.2   | 10.8  |
| 68  | 4.9   | 3.7   | 5.5   |



#22  
Acetophenone  
Concen: 39.068 ng  
RT: 7.198 min Scan# 868  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:105 Resp: 419847

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.3   | 5.7   | 8.5   |
| 51  | 39.7  | 33.7  | 50.5  |
| 120 | 21.8  | 17.0  | 25.6  |





#23

Nitrobenzene-d5

Concen: 78.872 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

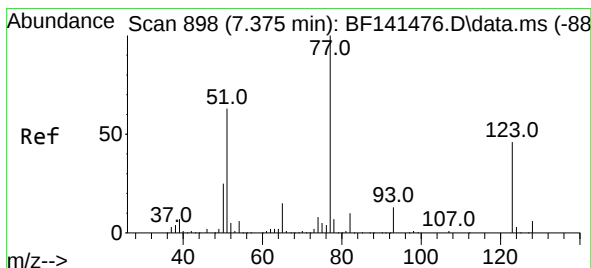
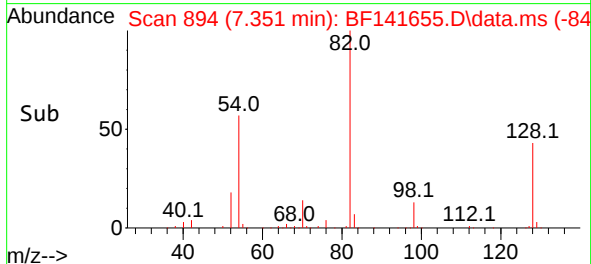
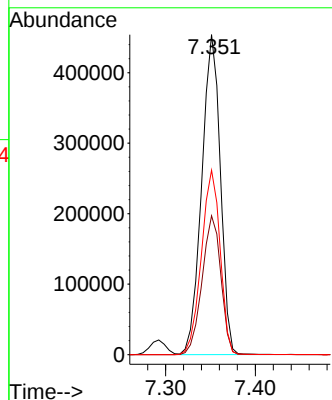
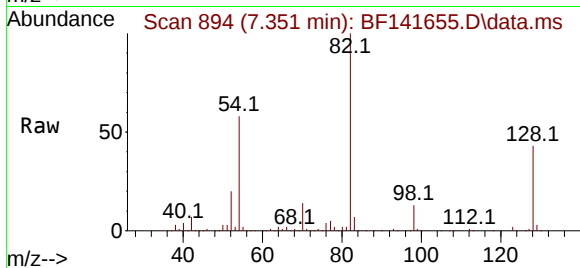
Tgt Ion: 82 Resp: 653281

Ion Ratio Lower Upper

82 100

128 43.4 34.8 52.2

54 57.6 48.2 72.4



#24

Nitrobenzene

Concen: 39.340 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

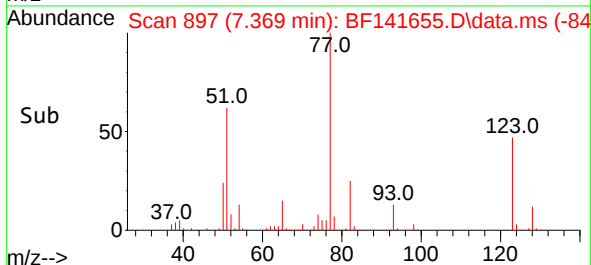
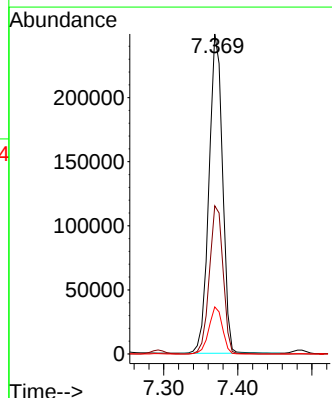
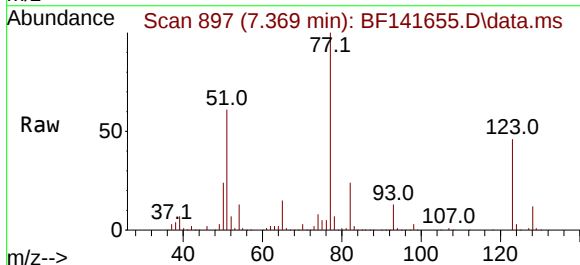
Tgt Ion: 77 Resp: 317738

Ion Ratio Lower Upper

77 100

123 46.3 36.9 55.3

65 14.7 11.9 17.9

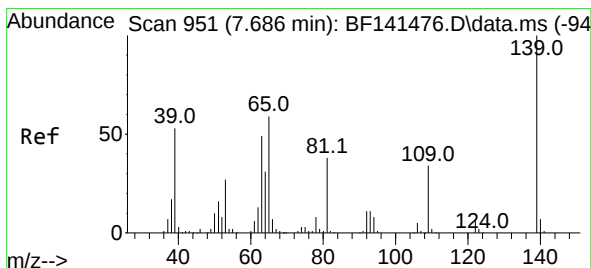
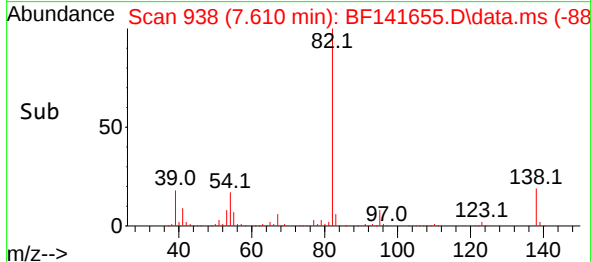
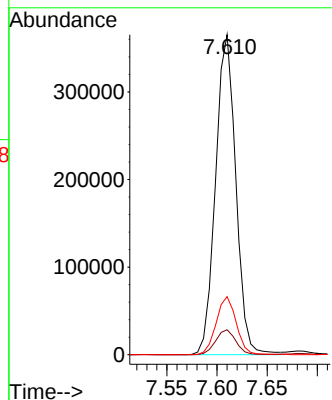
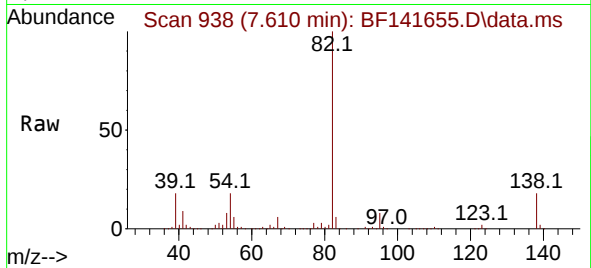




#25  
Isophorone  
Concen: 38.790 ng  
RT: 7.610 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

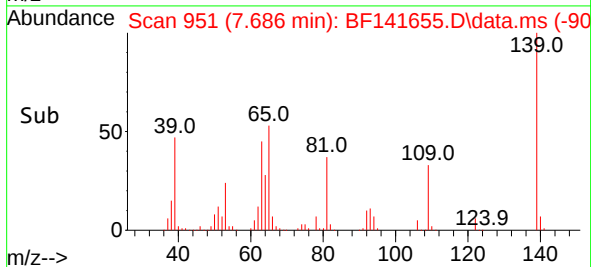
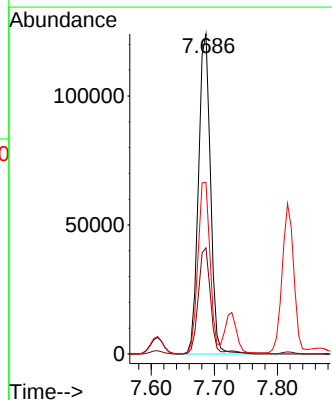
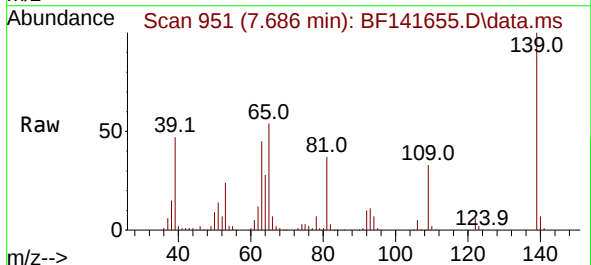
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 512290  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.4 9.6  
138 18.2 13.9 20.9



#26  
2-Nitrophenol  
Concen: 40.747 ng  
RT: 7.686 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:139 Resp: 163736  
Ion Ratio Lower Upper  
139 100  
109 33.2 27.0 40.6  
65 53.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 40.299 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

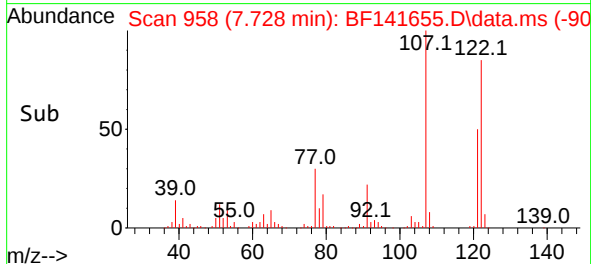
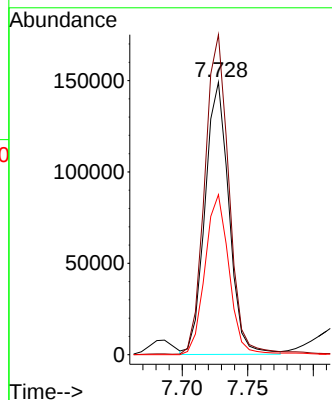
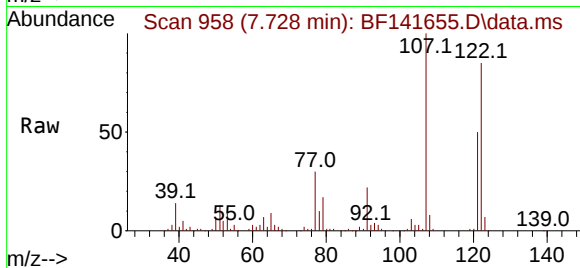
Tgt Ion:122 Resp: 189175

Ion Ratio Lower Upper

122 100

107 117.4 94.3 141.5

121 58.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.721 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

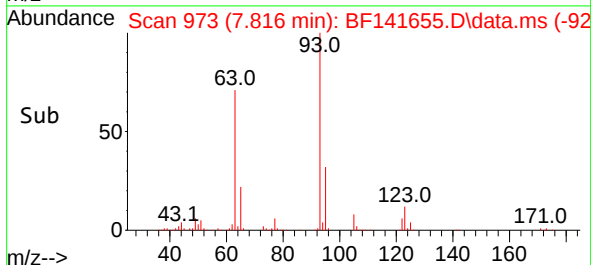
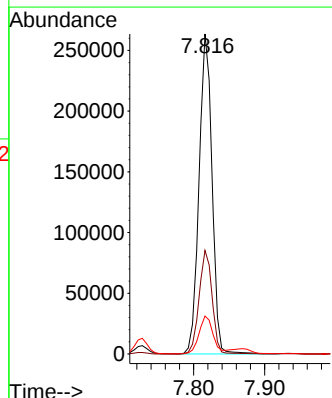
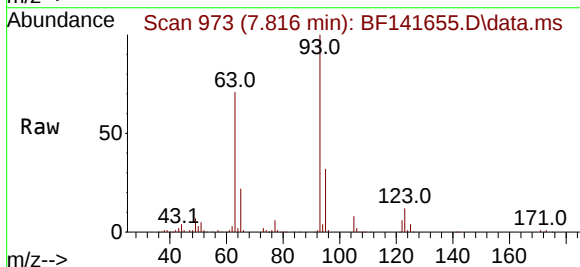
Tgt Ion: 93 Resp: 336141

Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.955 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

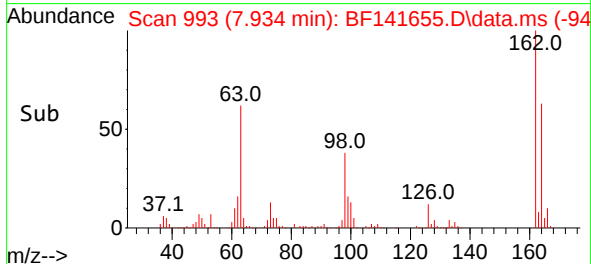
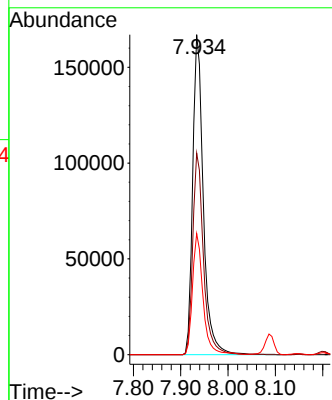
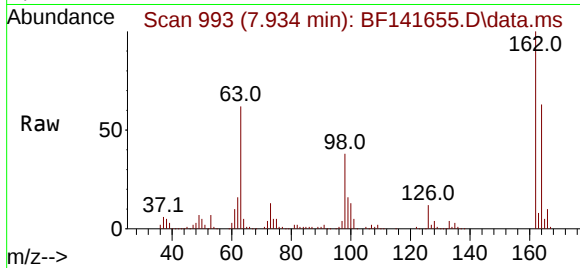
Tgt Ion:162 Resp: 259764

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

98 37.9 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 40.332 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

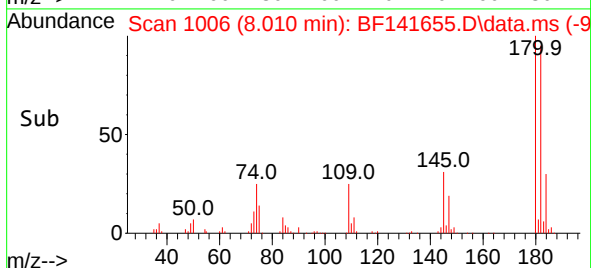
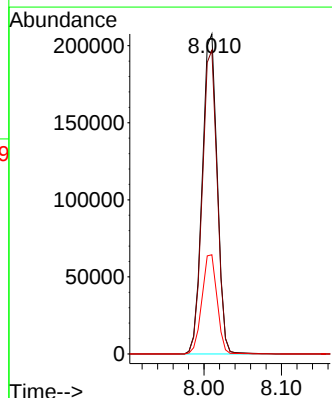
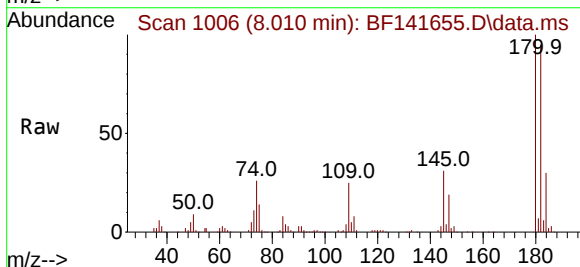
Tgt Ion:180 Resp: 278571

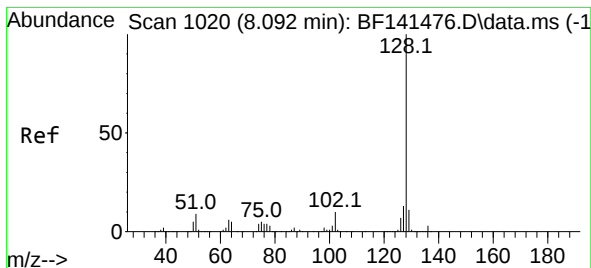
Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

145 31.0 24.2 36.4





#31

Naphthalene

Concen: 39.770 ng

RT: 8.086 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

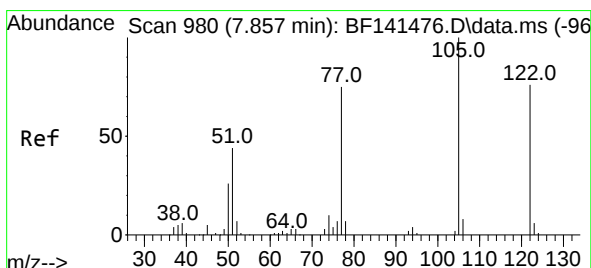
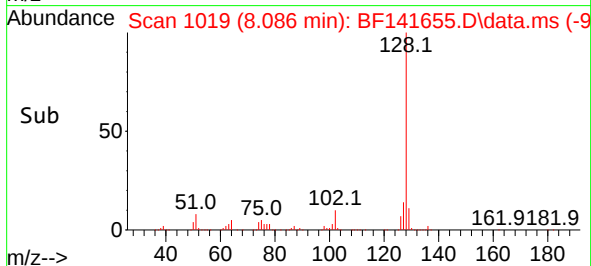
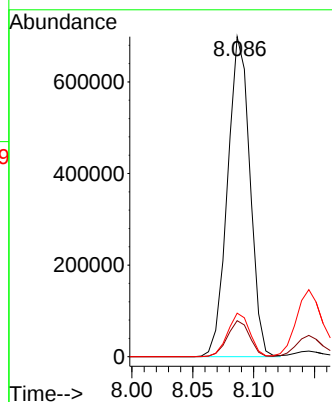
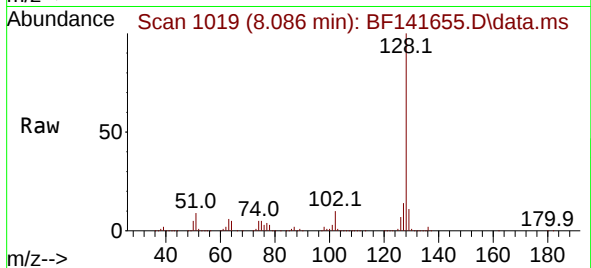
Tgt Ion:128 Resp: 894352

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 35.905 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.023 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

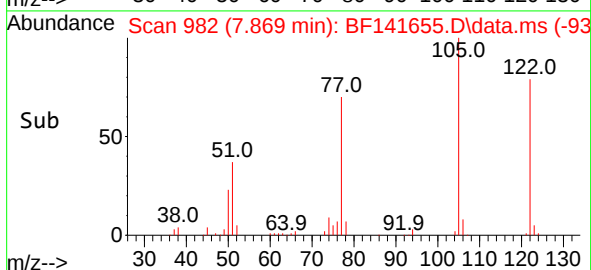
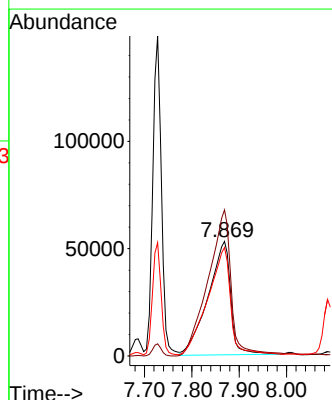
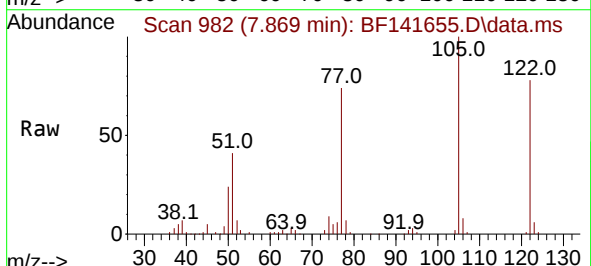
Tgt Ion:122 Resp: 175070

Ion Ratio Lower Upper

122 100

105 127.5 106.5 146.5

77 94.8 76.3 116.3

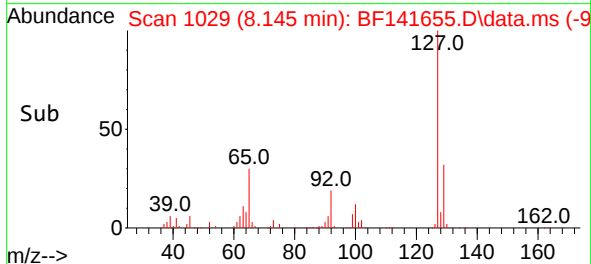
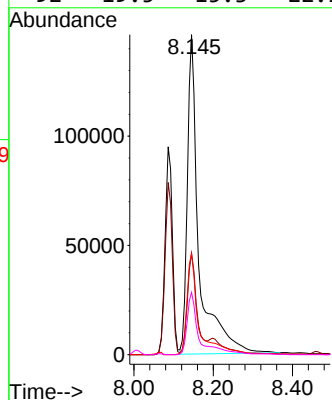
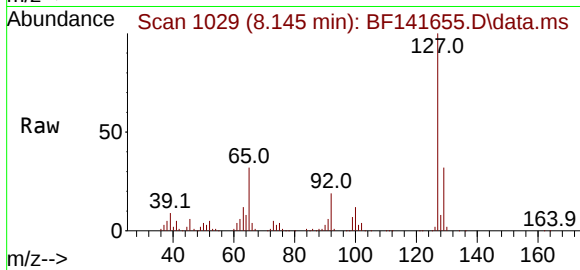




#33  
4-Chloroaniline  
Concen: 38.145 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

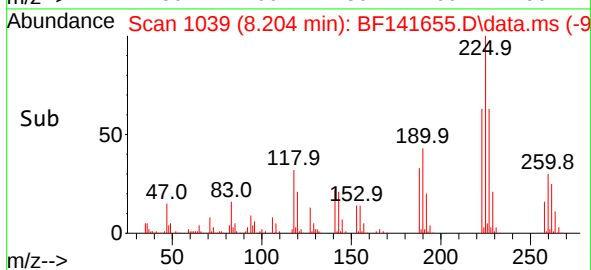
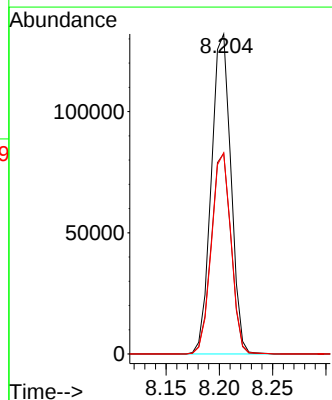
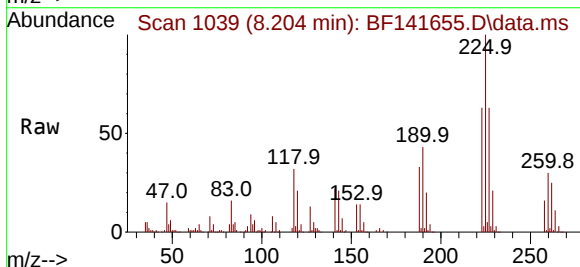
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

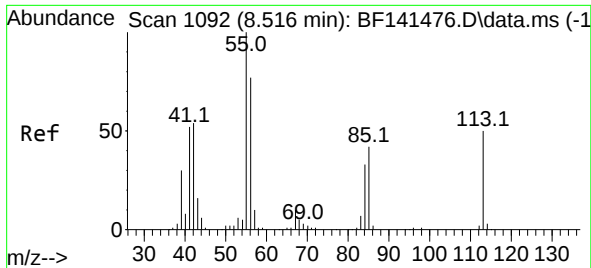
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 299491 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 26.5  | 39.7   |
| 65       | 31.7  | 26.4  | 39.6   |
| 92       | 19.5  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 40.742 ng  
RT: 8.204 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 168936 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.1  | 75.1   |
| 227      | 62.8  | 51.0  | 76.6   |

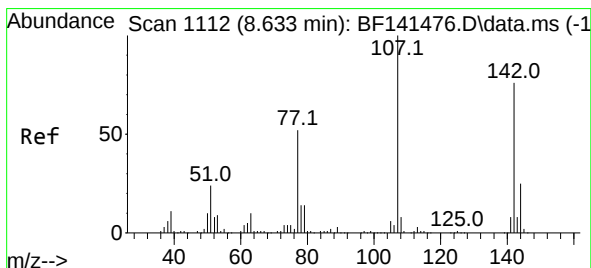
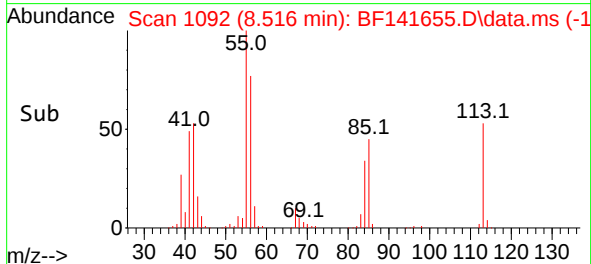
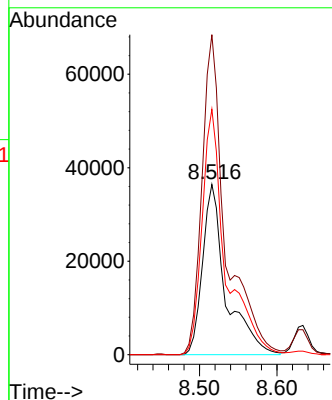
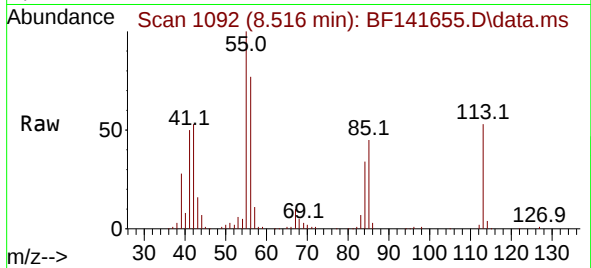




#35  
 Caprolactam  
 Concen: 39.499 ng  
 RT: 8.516 min Scan# 1092  
 Delta R.T. -0.029 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

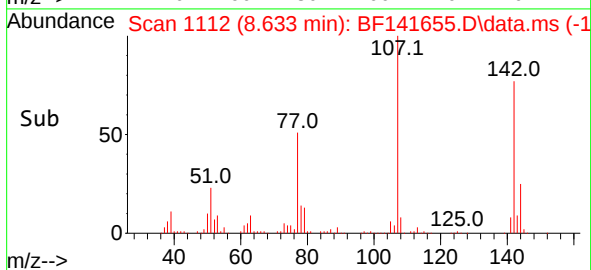
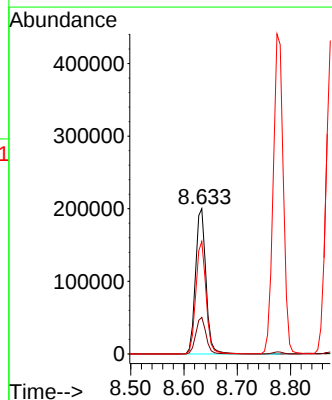
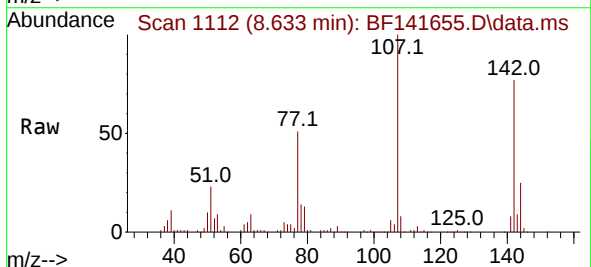
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

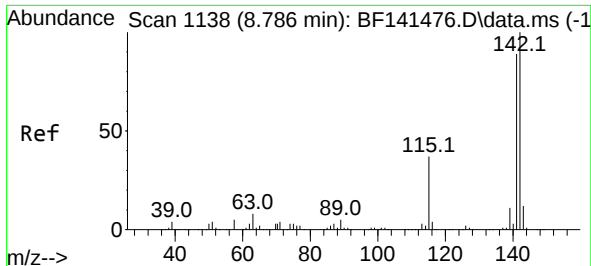
Tgt Ion:113 Resp: 76278  
 Ion Ratio Lower Upper  
 113 100  
 55 187.9 180.8 220.8  
 56 144.1 133.6 173.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.789 ng  
 RT: 8.633 min Scan# 1112  
 Delta R.T. -0.006 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

Tgt Ion:107 Resp: 272522  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 19.7 29.5  
 142 77.4 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.323 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

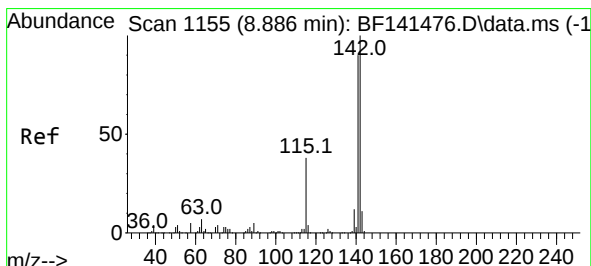
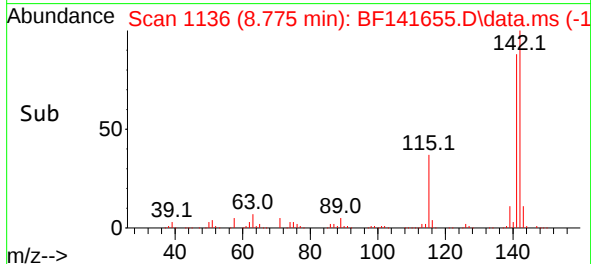
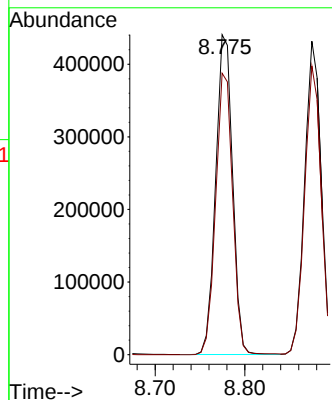
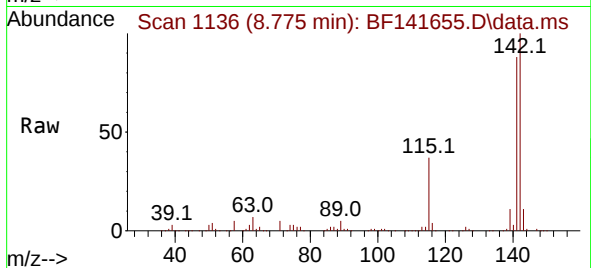
SSTDCCC040

Tgt Ion:142 Resp: 575443

Ion Ratio Lower Upper

142 100

141 88.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.720 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141655.D

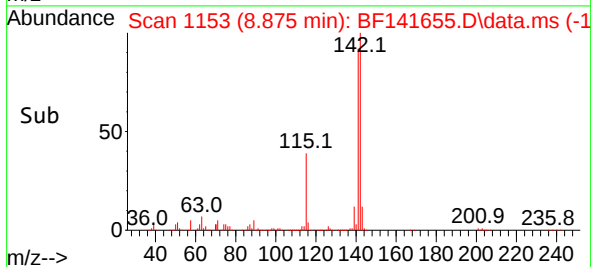
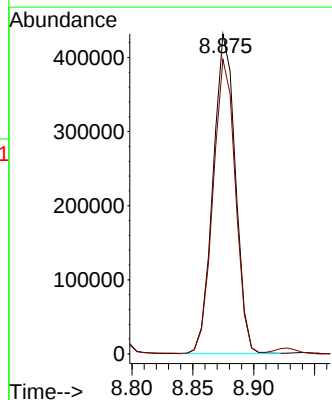
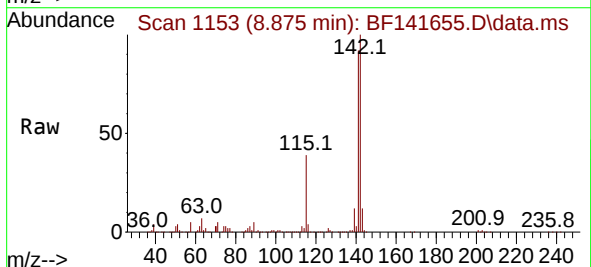
Acq: 18 Feb 2025 10:20

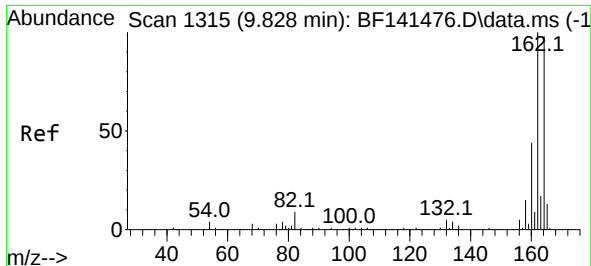
Tgt Ion:142 Resp: 548779

Ion Ratio Lower Upper

142 100

141 92.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

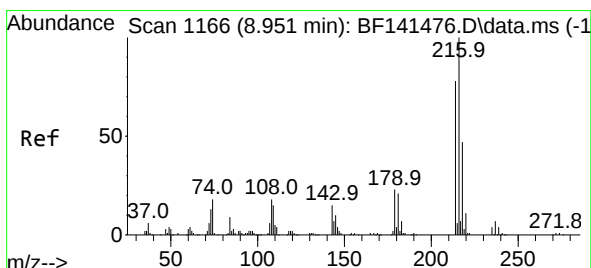
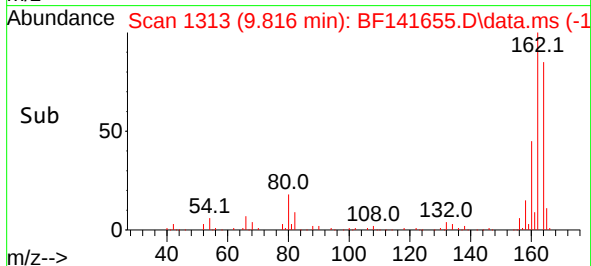
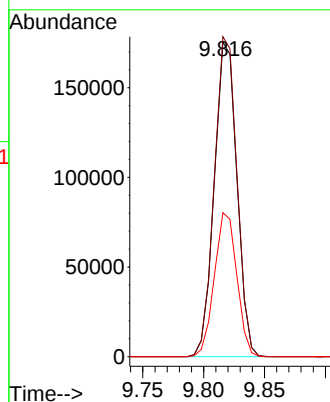
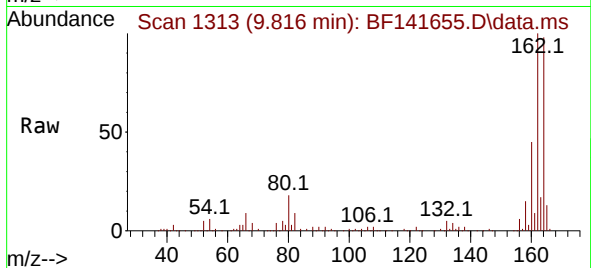
Tgt Ion:164 Resp: 226440

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.187 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Tgt Ion:216 Resp: 269823

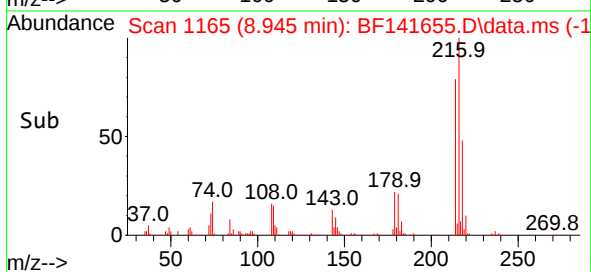
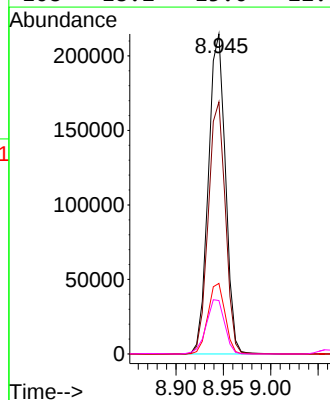
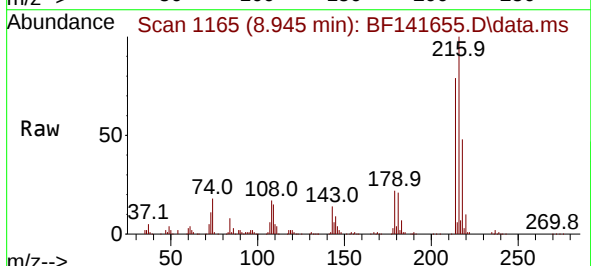
Ion Ratio Lower Upper

216 100

214 78.8 62.3 93.5

179 22.1 18.0 27.0

108 18.2 15.0 22.6

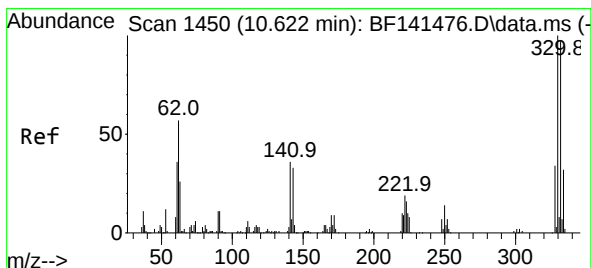
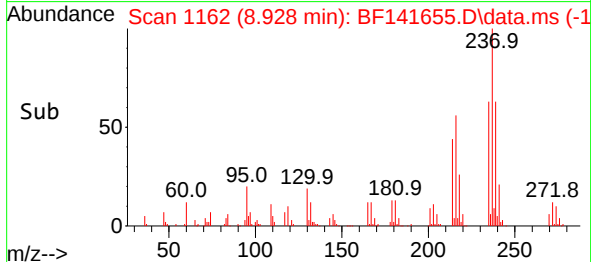
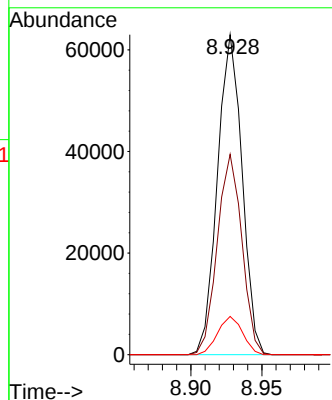
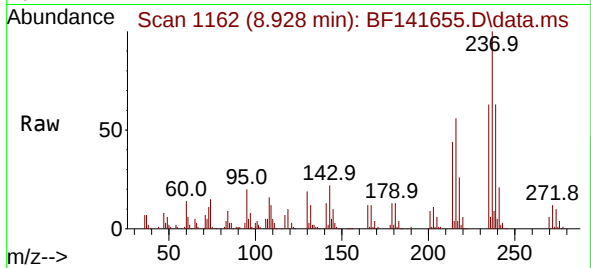




#41  
 Hexachlorocyclopentadiene  
 Concen: 34.833 ng  
 RT: 8.928 min Scan# 1162  
 Delta R.T. -0.012 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

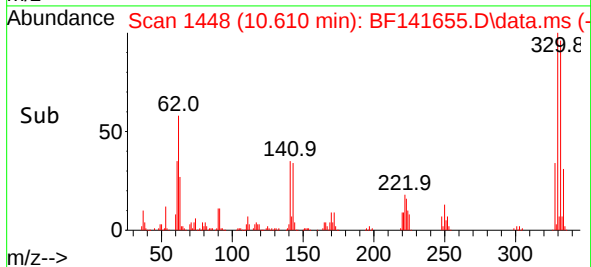
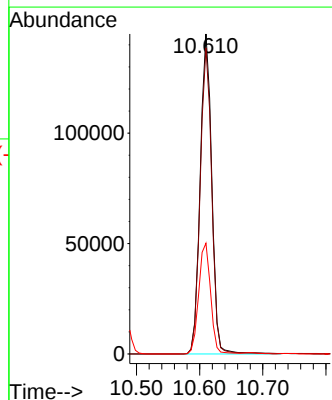
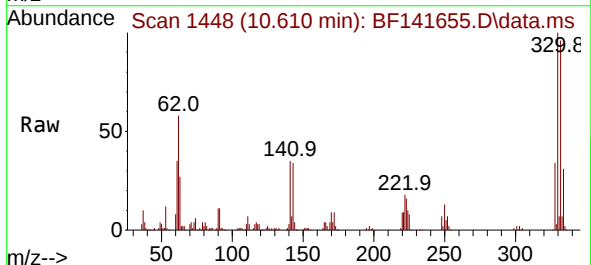
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:237 Resp: 75901  
 Ion Ratio Lower Upper  
 237 100  
 235 62.6 41.4 81.4  
 272 12.0 0.0 32.4



#42  
 2,4,6-Tribromophenol  
 Concen: 81.088 ng  
 RT: 10.610 min Scan# 1448  
 Delta R.T. -0.018 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

Tgt Ion:330 Resp: 184451  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 78.5 117.7  
 141 35.5 31.0 46.4

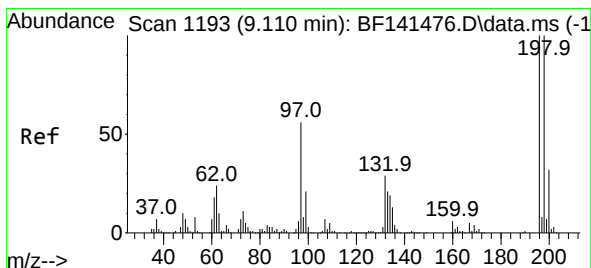
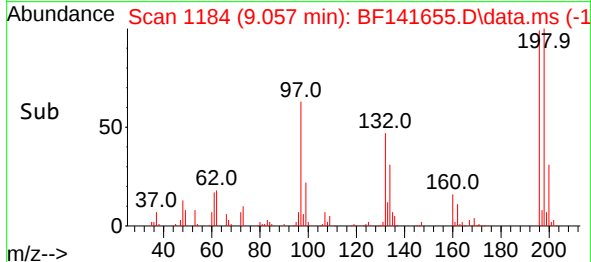
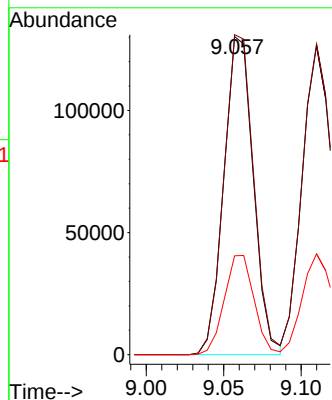
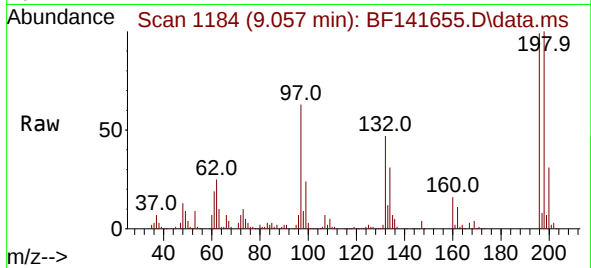




#43  
2,4,6-Trichlorophenol  
Concen: 40.783 ng  
RT: 9.057 min Scan# 1184  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

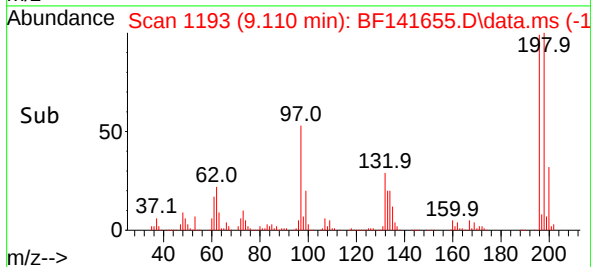
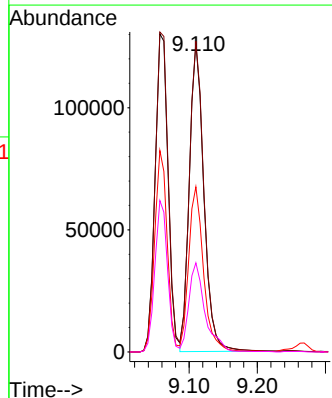
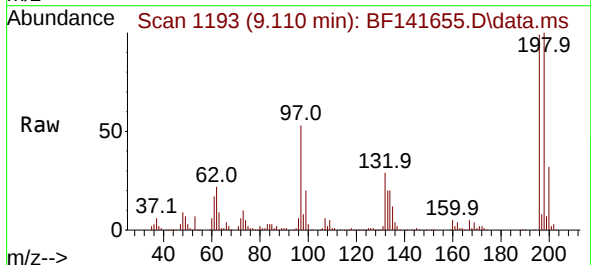
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

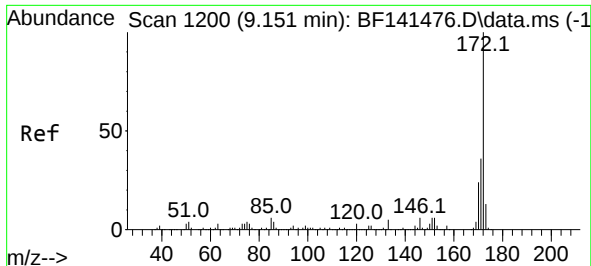
Tgt Ion:196 Resp: 172682  
Ion Ratio Lower Upper  
196 100  
198 100.6 80.6 121.0  
200 31.1 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 40.436 ng  
RT: 9.110 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:196 Resp: 185554  
Ion Ratio Lower Upper  
196 100  
198 100.6 79.8 119.8  
97 53.5 44.8 67.2  
132 28.8 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 80.362 ng

RT: 9.139 min Scan# 1118

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

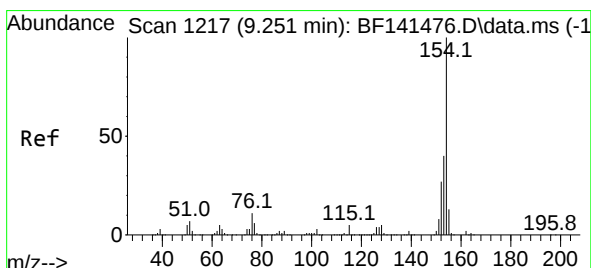
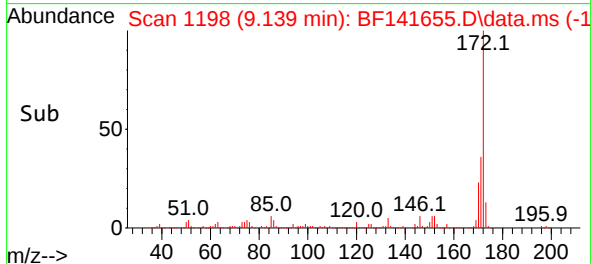
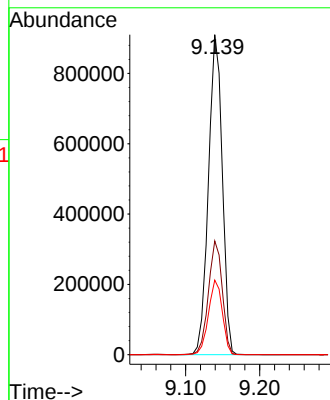
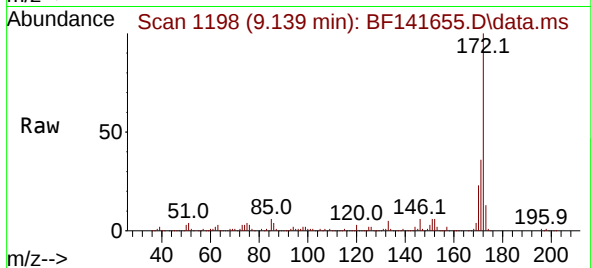
Tgt Ion:172 Resp: 1181147

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.606 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

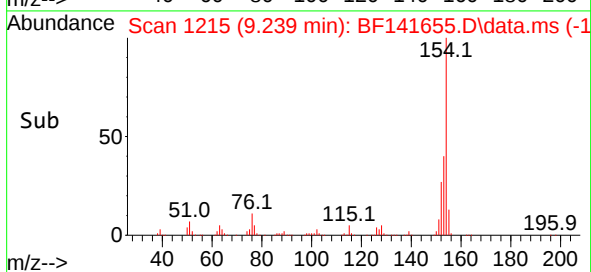
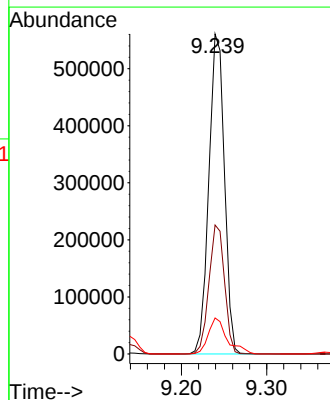
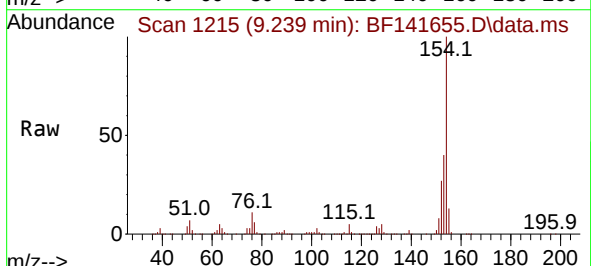
Tgt Ion:154 Resp: 712857

Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 40.596 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

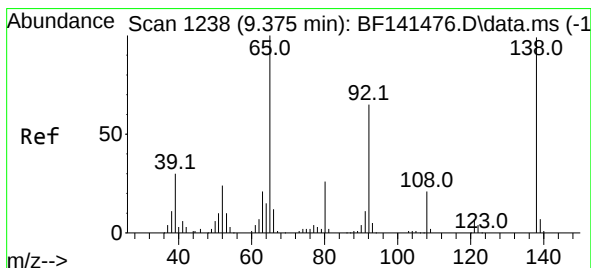
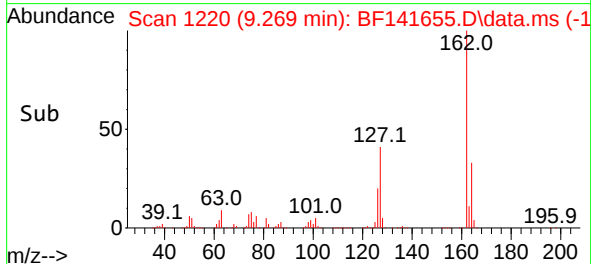
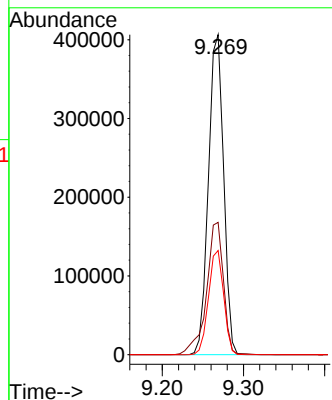
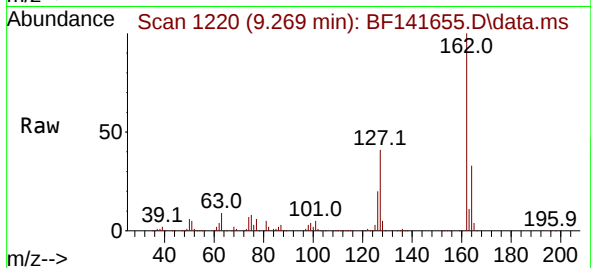
Tgt Ion:162 Resp: 527002

Ion Ratio Lower Upper

162 100

127 41.4 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 39.294 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

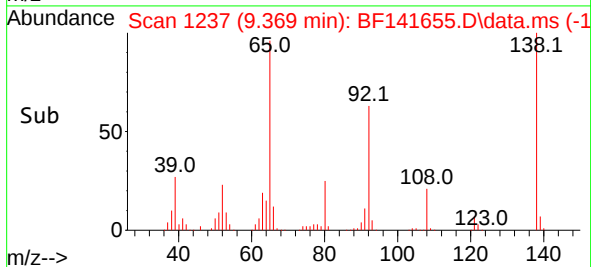
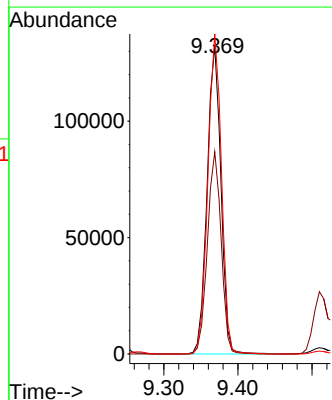
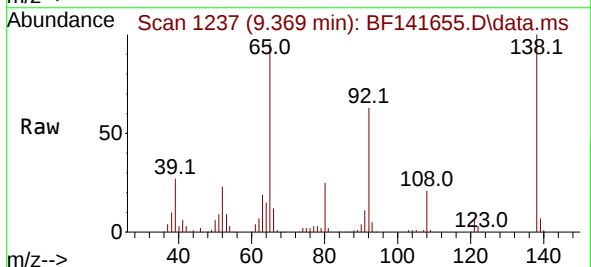
Tgt Ion: 65 Resp: 171194

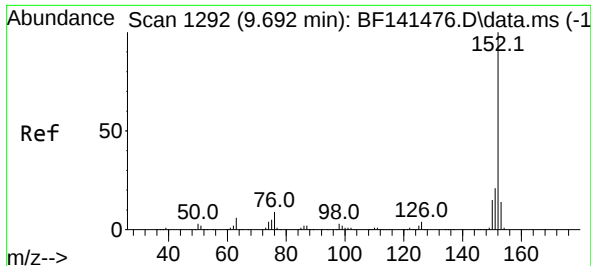
Ion Ratio Lower Upper

65 100

92 65.6 52.2 78.2

138 103.9 79.5 119.3





#49

Acenaphthylene

Concen: 40.103 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

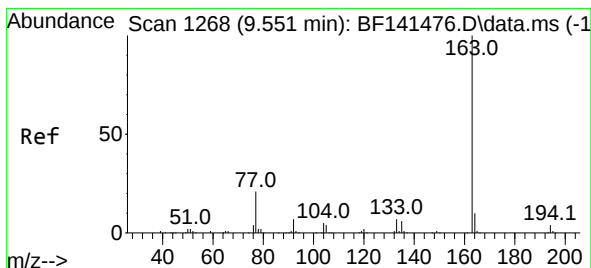
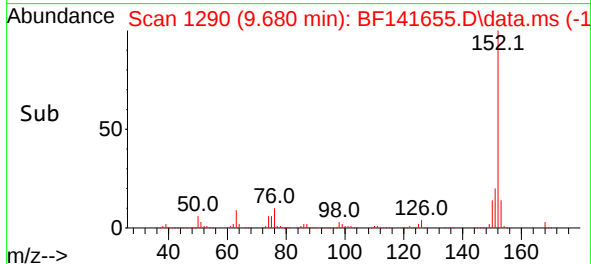
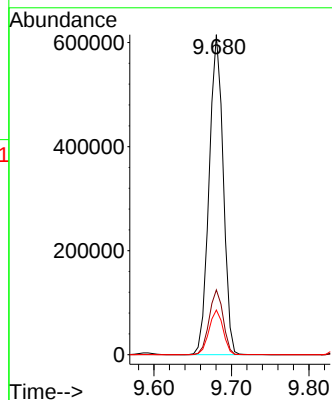
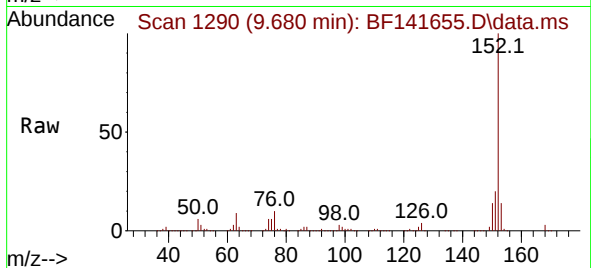
Tgt Ion:152 Resp: 774337

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 40.606 ng

RT: 9.545 min Scan# 1267

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

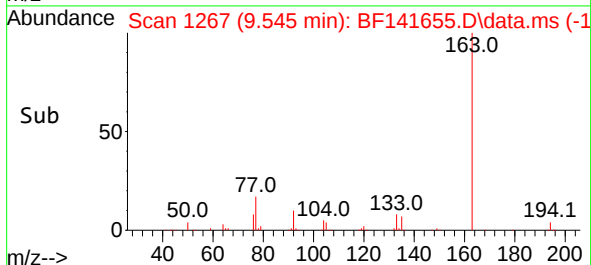
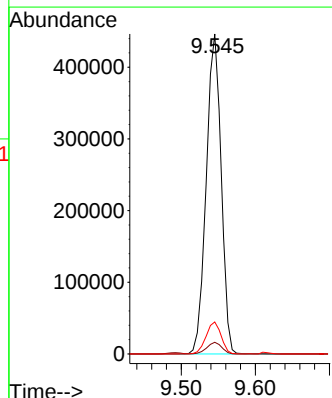
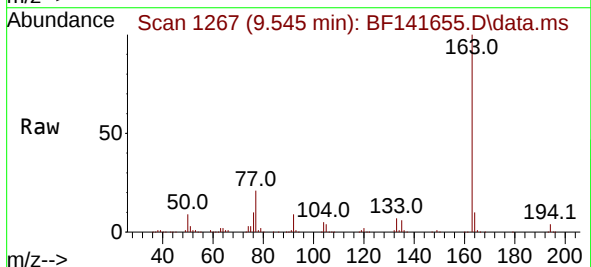
Tgt Ion:163 Resp: 624216

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.0 7.9 11.9

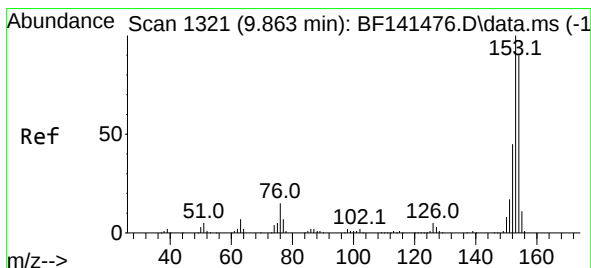
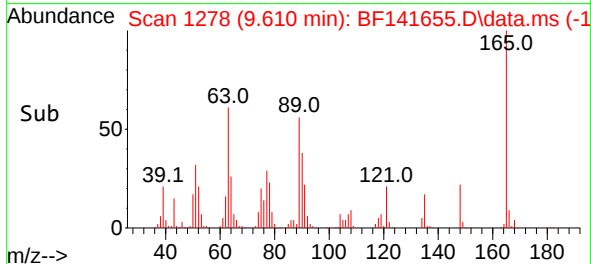
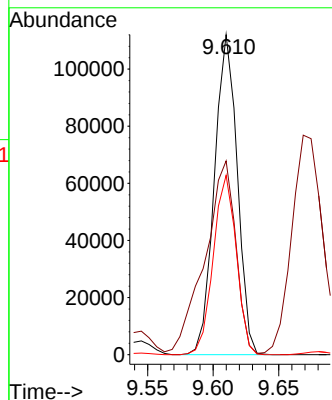
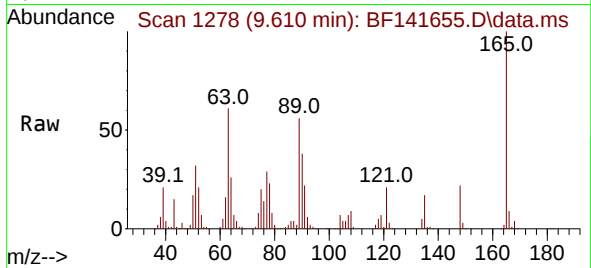




#51  
2,6-Dinitrotoluene  
Concen: 40.375 ng  
RT: 9.610 min Scan# 1319  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

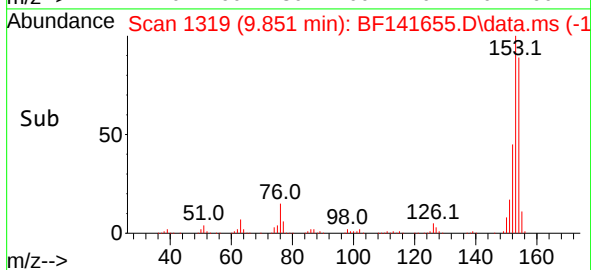
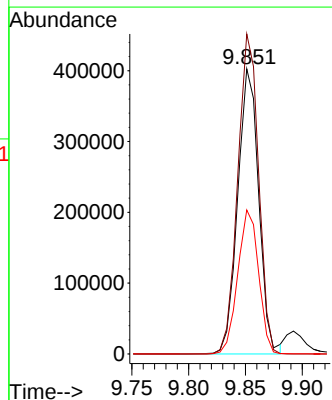
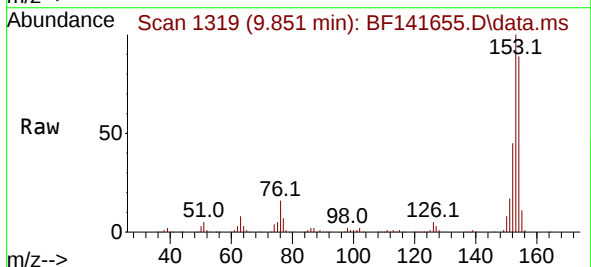
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

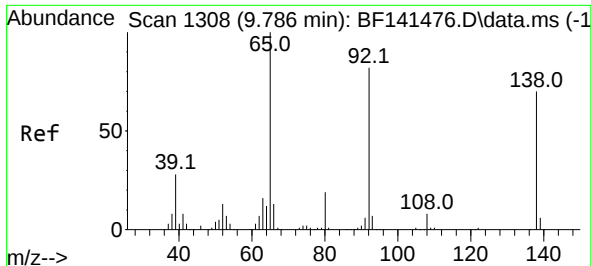
Tgt Ion:165 Resp: 135682  
Ion Ratio Lower Upper  
165 100  
63 60.5 49.4 74.0  
89 56.0 46.5 69.7



#52  
Acenaphthene  
Concen: 39.898 ng  
RT: 9.851 min Scan# 1319  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:154 Resp: 517922  
Ion Ratio Lower Upper  
154 100  
153 112.2 89.2 133.8  
152 50.5 39.8 59.8

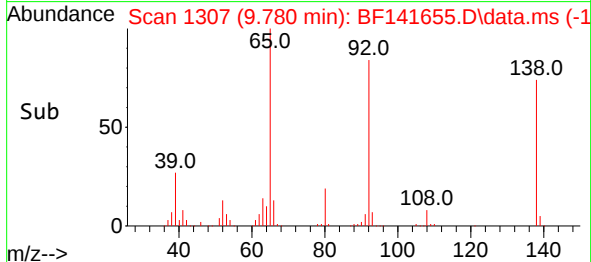
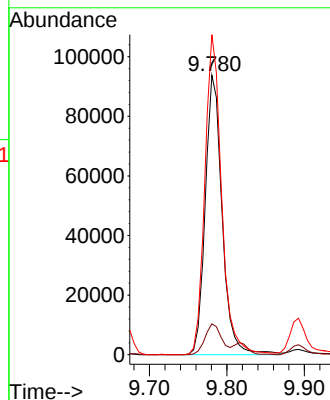
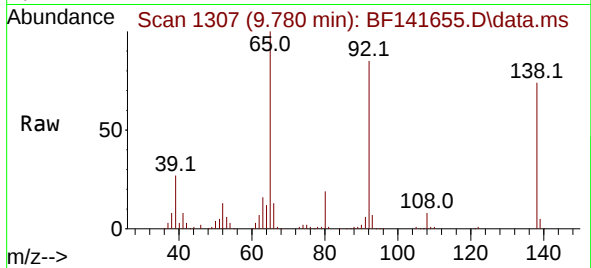




#53  
3-Nitroaniline  
Concen: 39.175 ng  
RT: 9.780 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

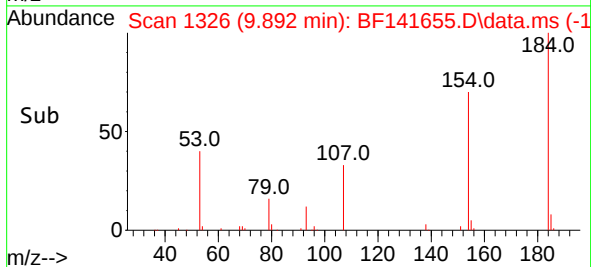
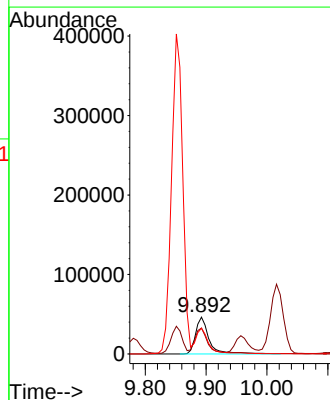
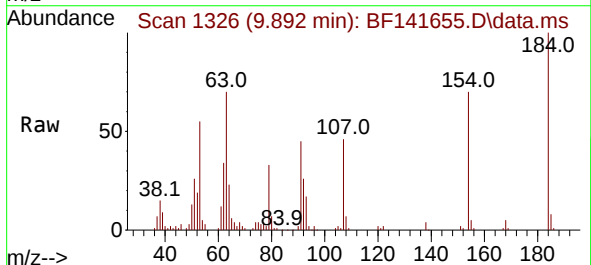
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

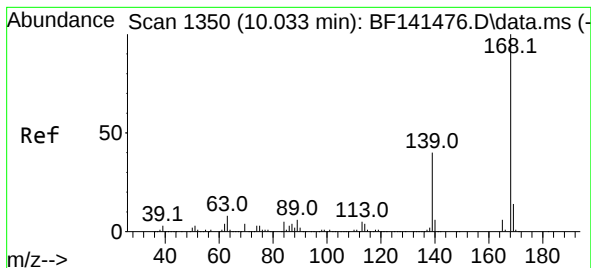
Tgt Ion:138 Resp: 141694  
Ion Ratio Lower Upper  
138 100  
108 11.0 9.0 13.4  
92 114.6 93.7 140.5



#54  
2,4-Dinitrophenol  
Concen: 35.875 ng  
RT: 9.892 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:184 Resp: 71652  
Ion Ratio Lower Upper  
184 100  
63 70.4 61.0 91.6  
154 69.9 59.9 89.9





#55

Dibenzenofuran

Concen: 39.635 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

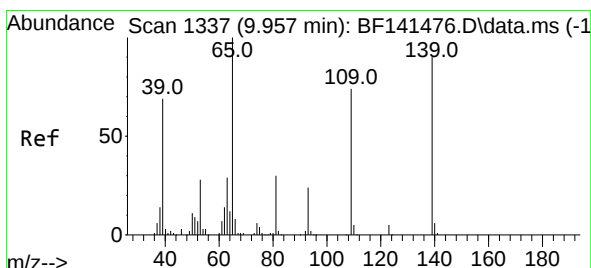
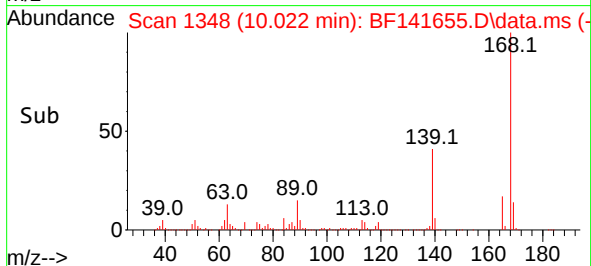
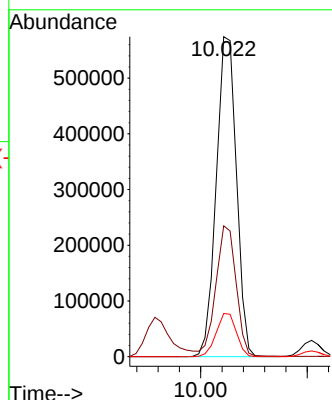
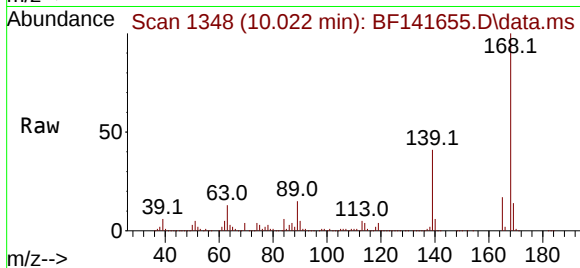
Tgt Ion:168 Resp: 755210

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 43.113 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

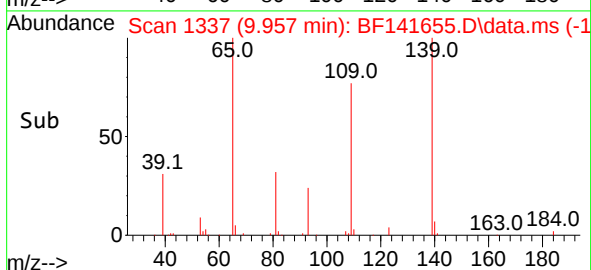
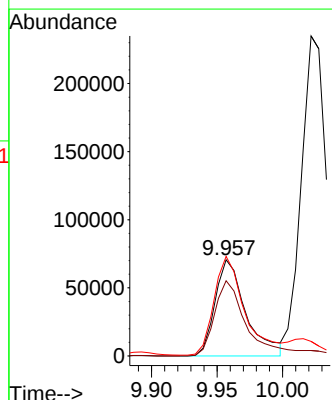
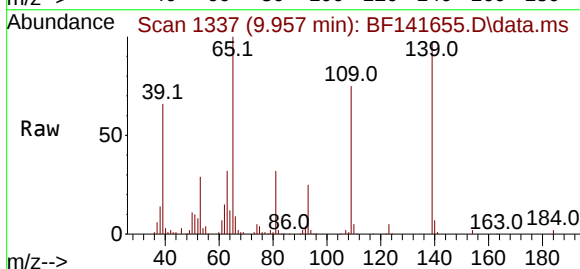
Tgt Ion:139 Resp: 115756

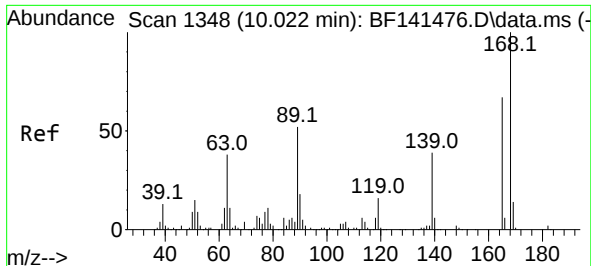
Ion Ratio Lower Upper

139 100

109 78.2 62.0 102.0

65 103.6 91.2 131.2

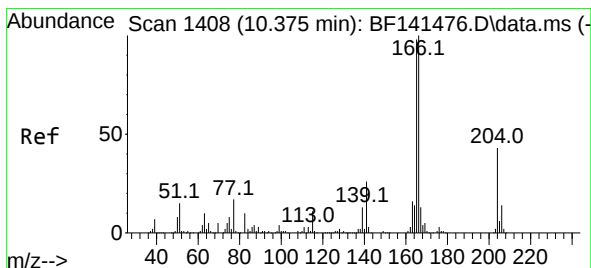
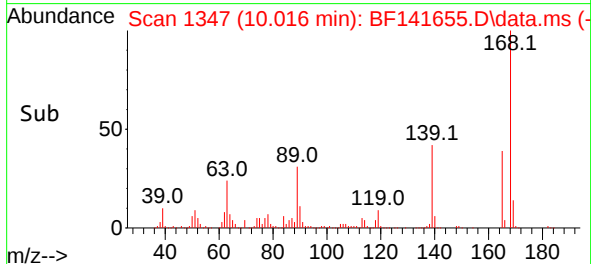
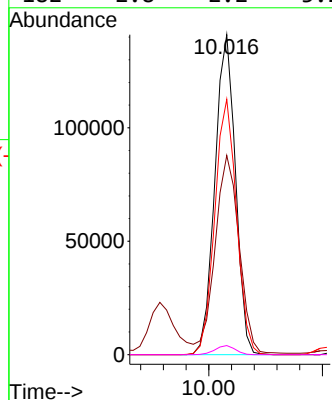
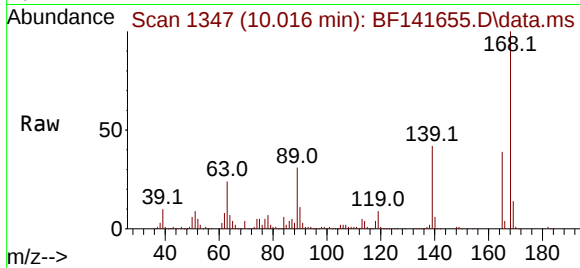




#57  
2,4-Dinitrotoluene  
Concen: 39.667 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

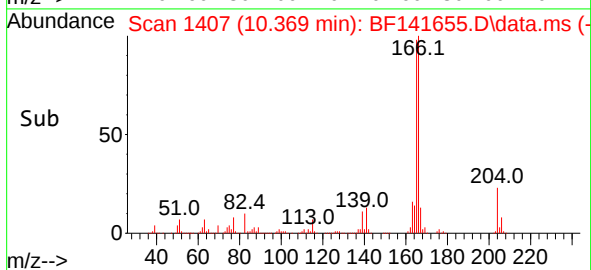
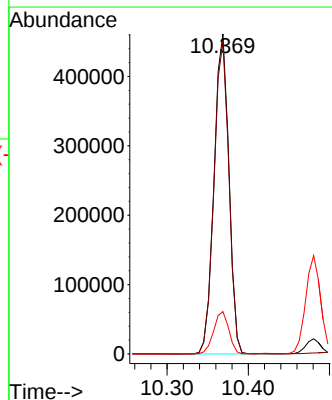
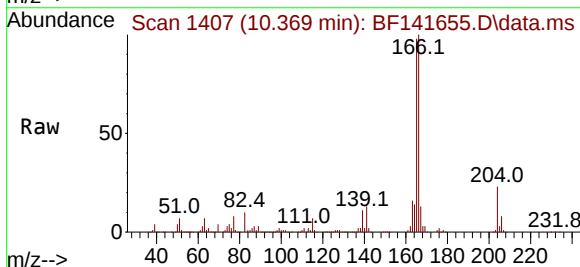
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

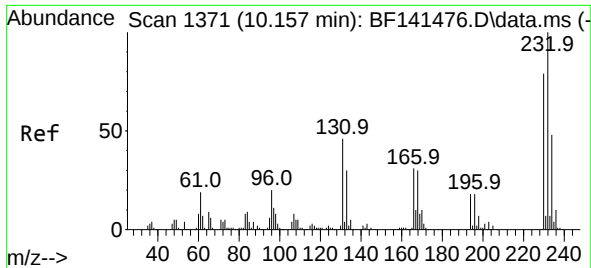
Tgt Ion:165 Resp: 177455  
Ion Ratio Lower Upper  
165 100  
63 62.2 46.4 69.6  
89 79.8 61.8 92.6  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 39.925 ng  
RT: 10.369 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:166 Resp: 588202  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.2 117.2  
167 13.3 10.7 16.1

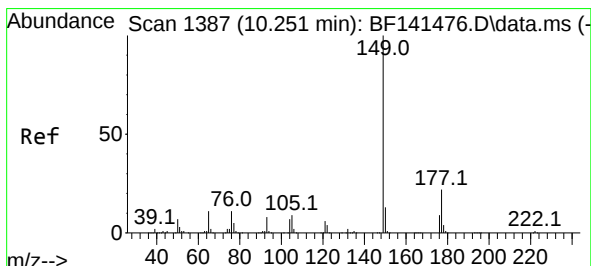
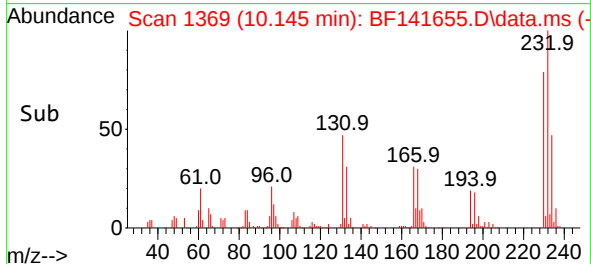
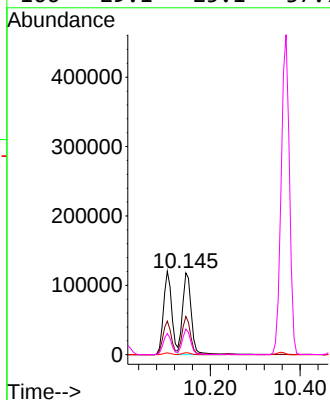
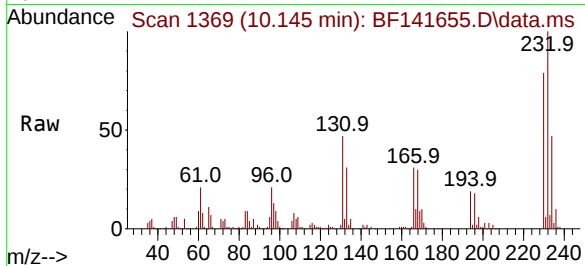




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.377 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

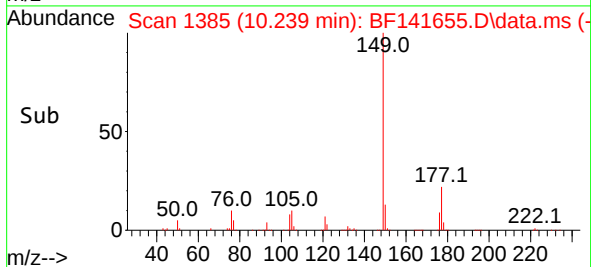
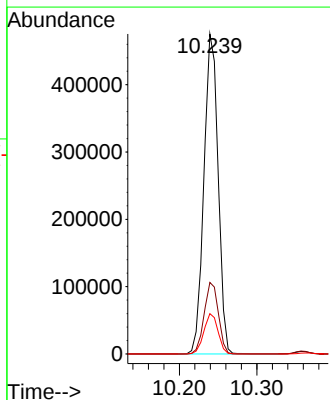
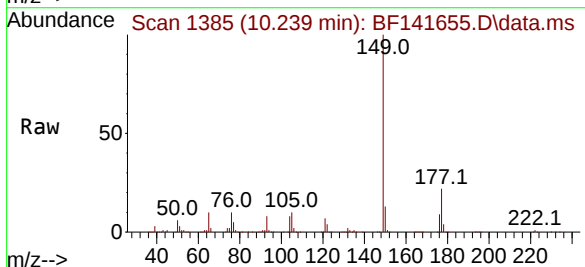
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

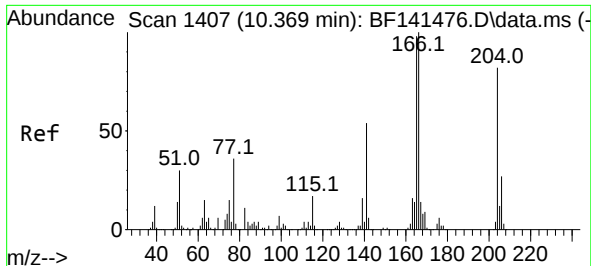
Tgt Ion:232 Resp: 159517  
Ion Ratio Lower Upper  
232 100  
131 45.7 39.2 58.8  
130 2.3 2.1 3.1  
166 29.1 25.1 37.7



#60  
Diethylphthalate  
Concen: 39.937 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:149 Resp: 604026  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.8 26.6  
150 12.6 10.1 15.1

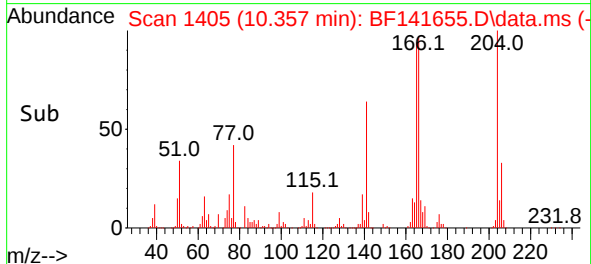
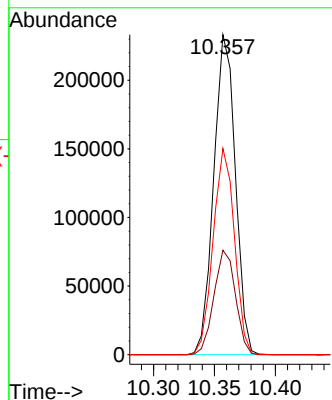
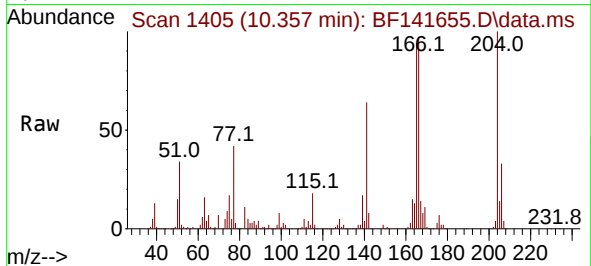




#61  
4-Chlorophenyl-phenylether  
Concen: 40.591 ng  
RT: 10.357 min Scan# 1407  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

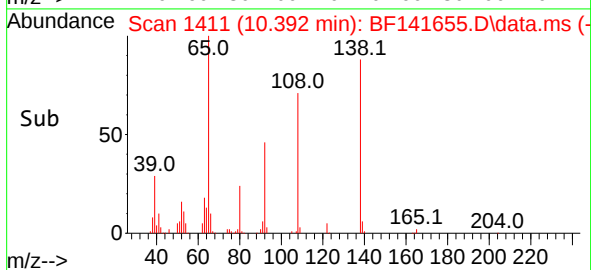
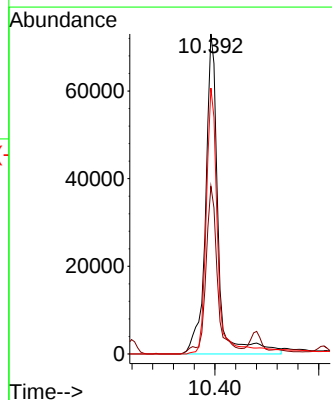
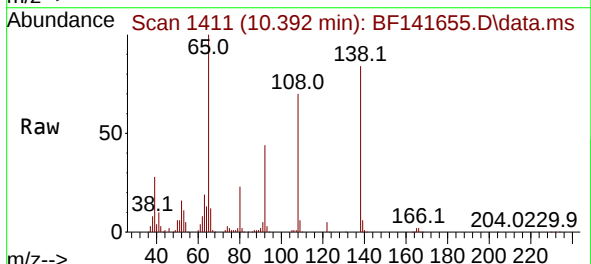
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

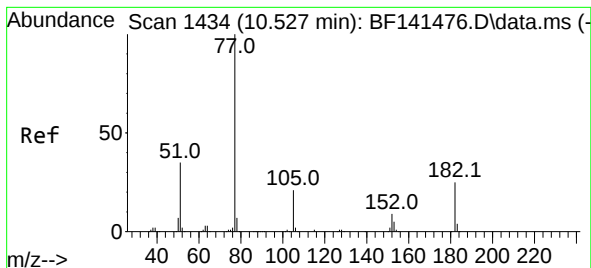
Tgt Ion:204 Resp: 287690  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 40.0  
141 64.4 51.9 77.9



#62  
4-Nitroaniline  
Concen: 33.509 ng m  
RT: 10.392 min Scan# 1411  
Delta R.T. -0.023 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:138 Resp: 123067  
Ion Ratio Lower Upper  
138 100  
92 52.4 31.3 71.3  
108 83.1 63.7 103.7

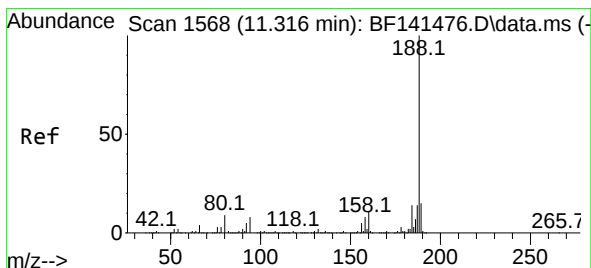
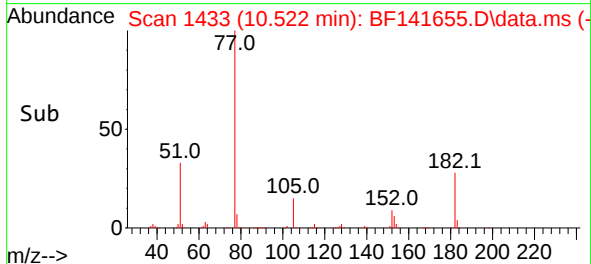
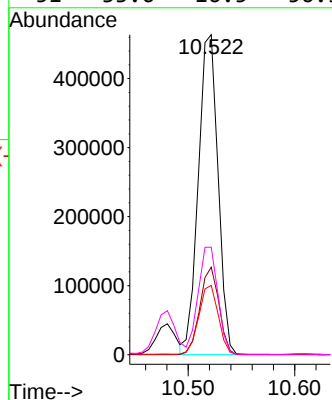
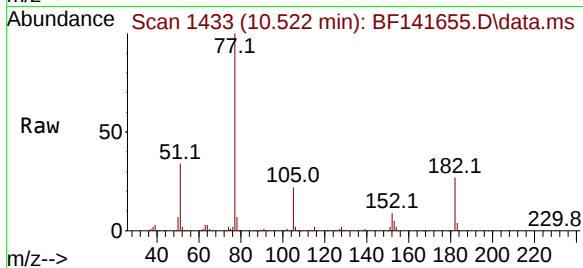




#63  
Azobenzene  
Concen: 39.719 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

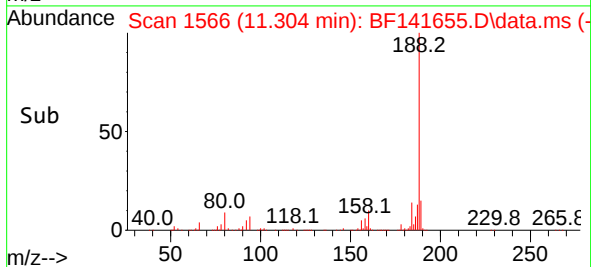
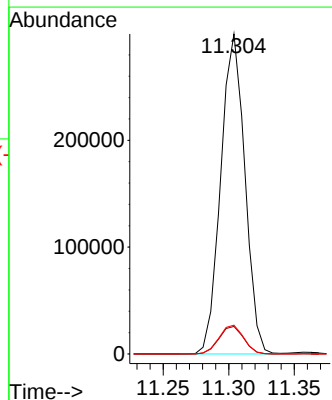
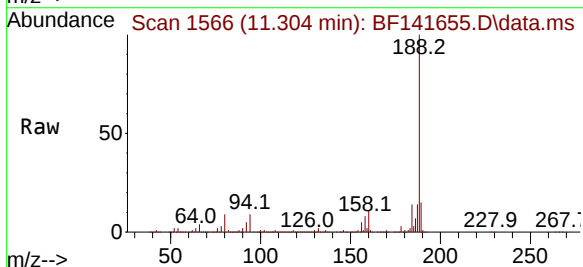
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 597208 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.3  | 4.7   | 44.7   |
| 105      | 21.6  | 0.4   | 40.4   |
| 51       | 33.6  | 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: BF141655.D  
Acq: 18 Feb 2025 10:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 383246 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.6   | 6.6   | 10.0   |
| 80       | 9.0   | 7.3   | 10.9   |

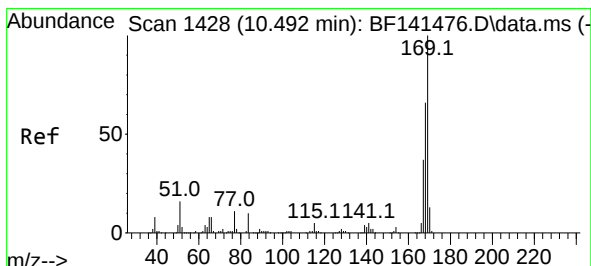
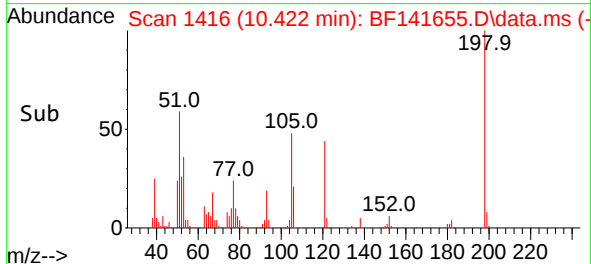
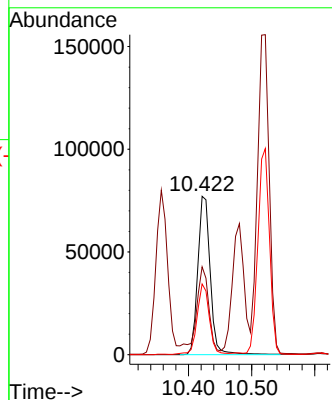
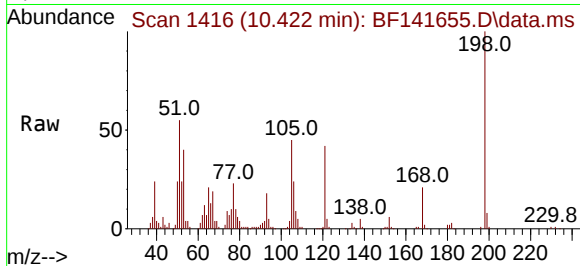




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.607 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

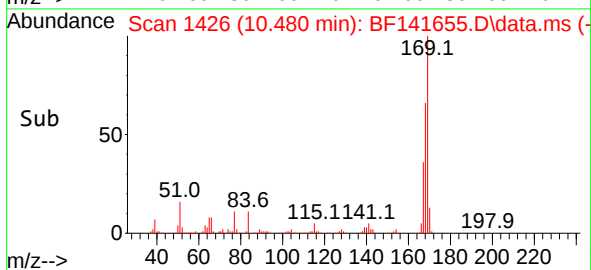
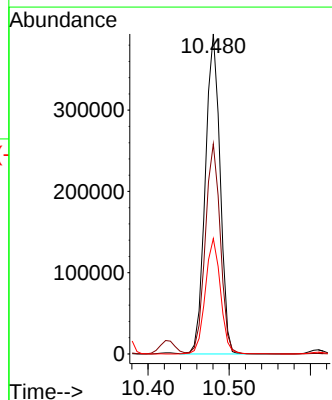
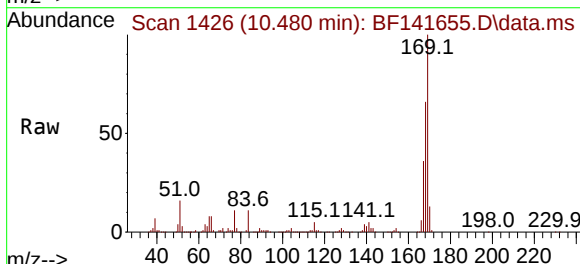
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BNA\_F  
ClientSampleId :  
SSTDCCC040

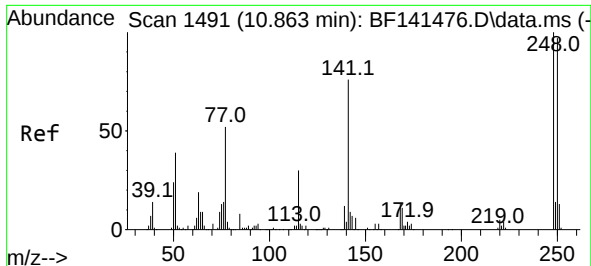
Tgt Ion:198 Resp: 105443  
Ion Ratio Lower Upper  
198 100  
51 55.5 37.4 77.4  
105 44.7 25.2 65.2



#66  
n-Nitrosodiphenylamine  
Concen: 40.461 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:169 Resp: 496381  
Ion Ratio Lower Upper  
169 100  
168 65.6 53.3 79.9  
167 36.0 29.4 44.2

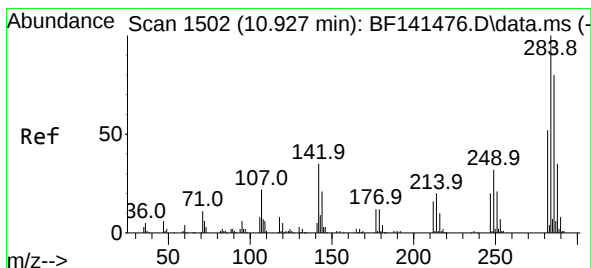
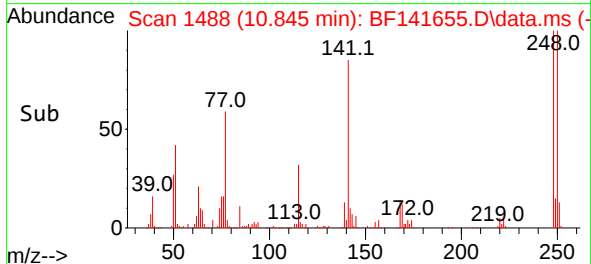
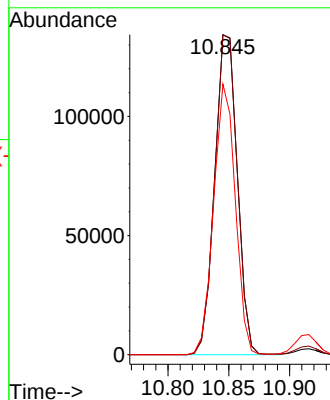
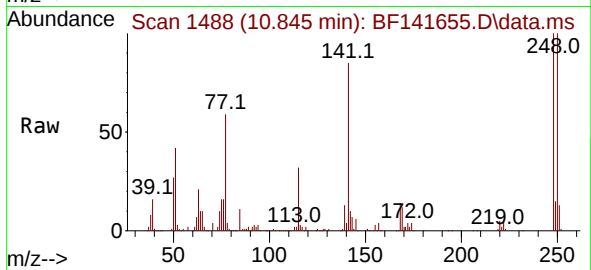




#67  
4-Bromophenyl-phenylether  
Concen: 40.645 ng  
RT: 10.845 min Scan# 1491  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

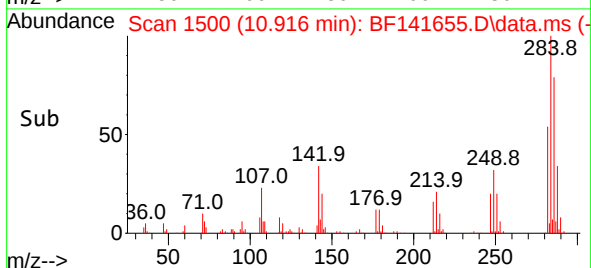
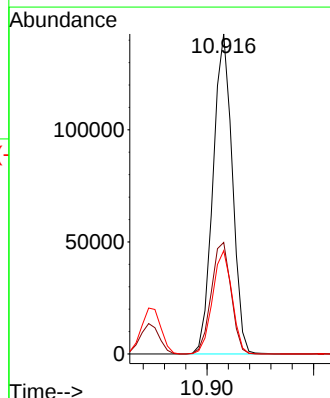
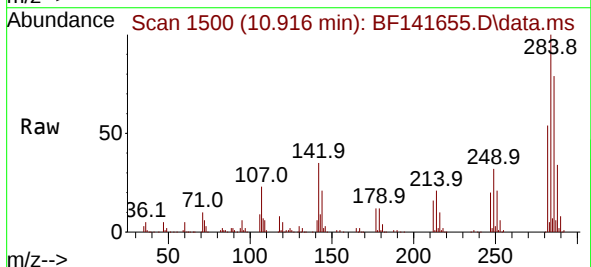
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

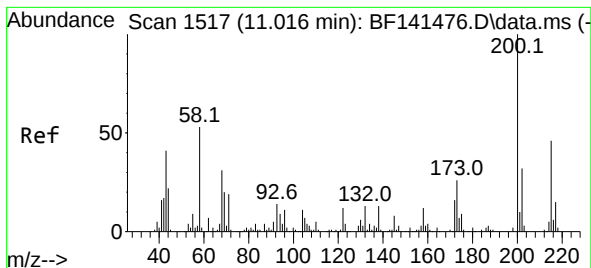
Tgt Ion:248 Resp: 174095  
Ion Ratio Lower Upper  
248 100  
250 100.0 77.8 116.6  
141 84.6 60.6 90.8



#68  
Hexachlorobenzene  
Concen: 40.657 ng  
RT: 10.916 min Scan# 1500  
Delta R.T. -0.012 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:284 Resp: 179321  
Ion Ratio Lower Upper  
284 100  
142 34.8 28.0 42.0  
249 32.2 25.8 38.8





#69

Atrazine

Concen: 32.867 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

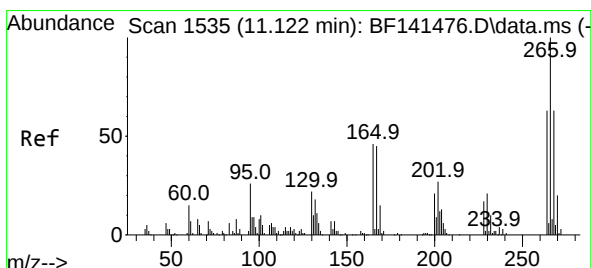
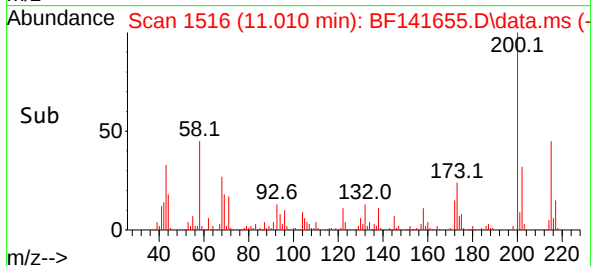
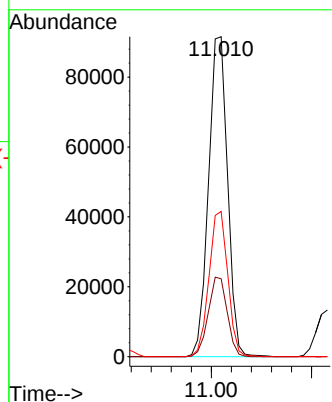
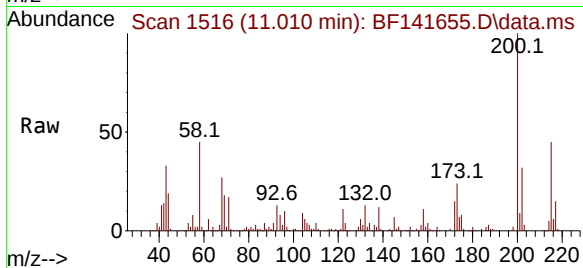
Tgt Ion:200 Resp: 120966

Ion Ratio Lower Upper

200 100

173 24.3 5.9 45.9

215 45.4 25.9 65.9



#70

Pentachlorophenol

Concen: 35.837 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

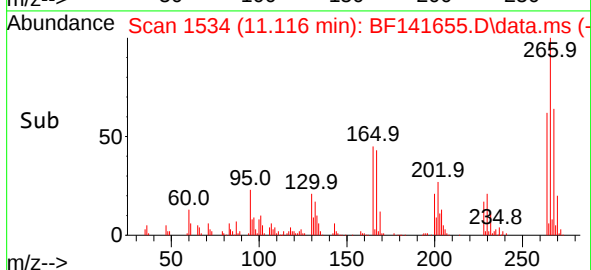
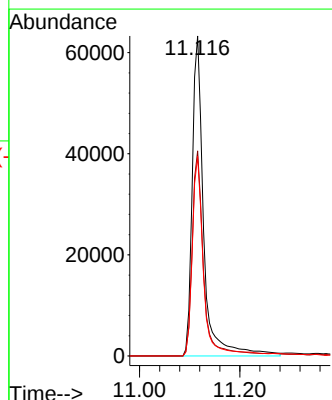
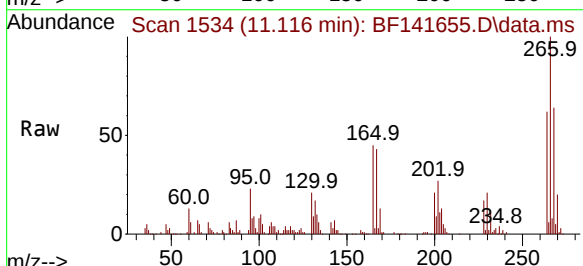
Tgt Ion:266 Resp: 101069

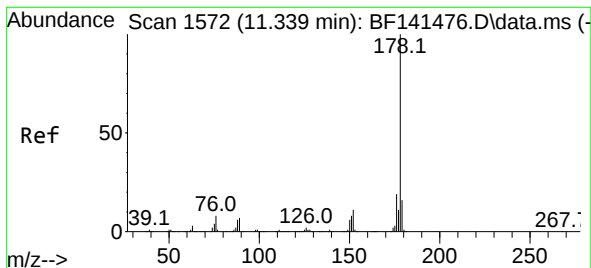
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

264 62.3 50.1 75.1





#71

Phenanthrene

Concen: 39.638 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

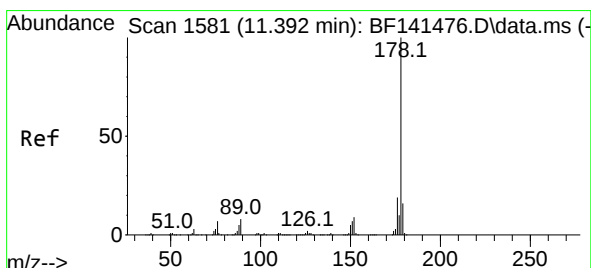
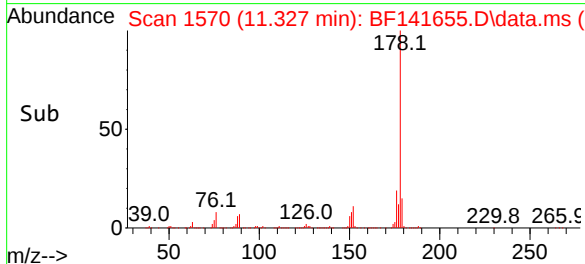
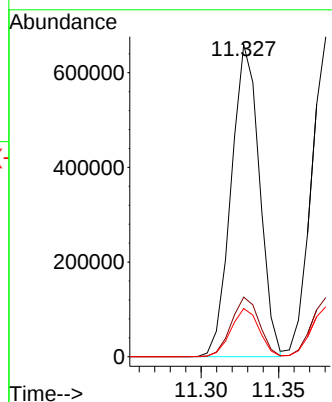
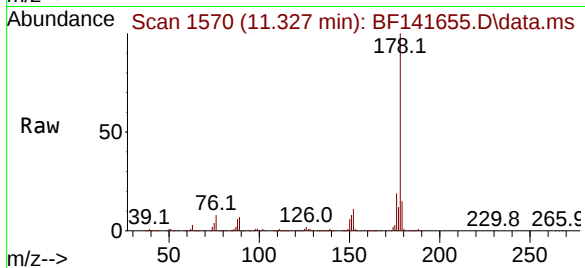
Tgt Ion:178 Resp: 836194

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 39.976 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

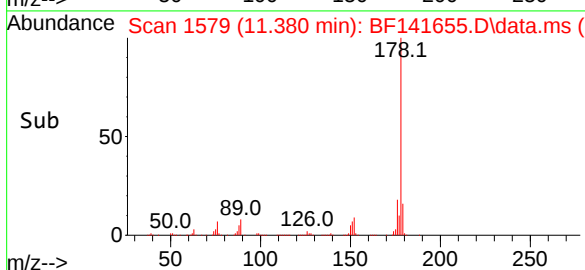
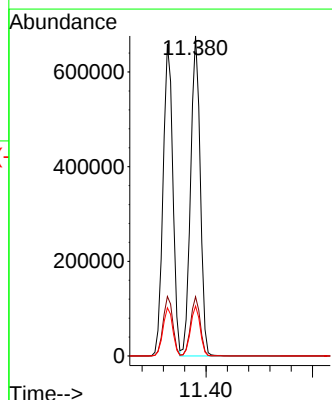
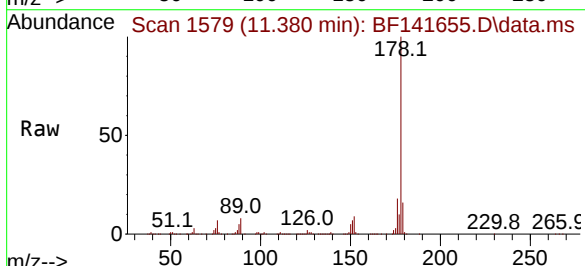
Tgt Ion:178 Resp: 847750

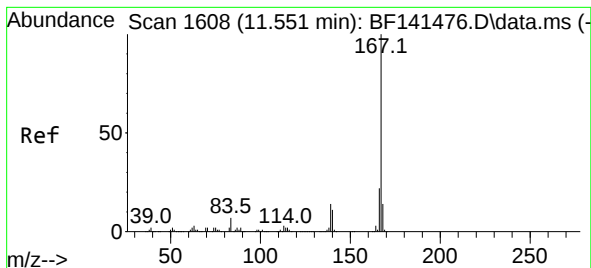
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.6 12.4 18.6





#73

Carbazole

Concen: 38.864 ng

RT: 11.539 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

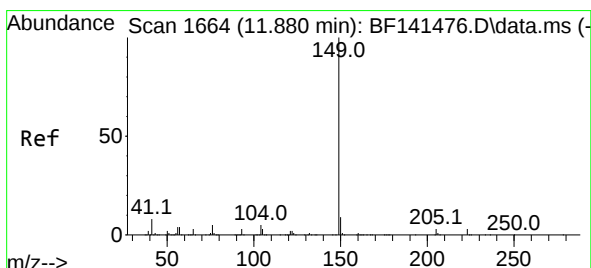
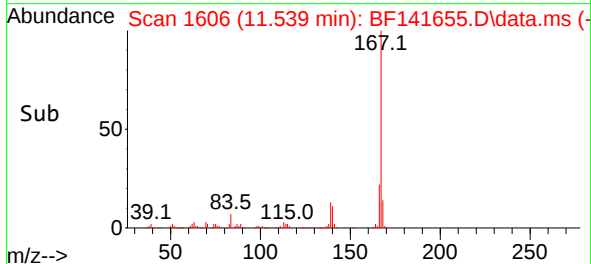
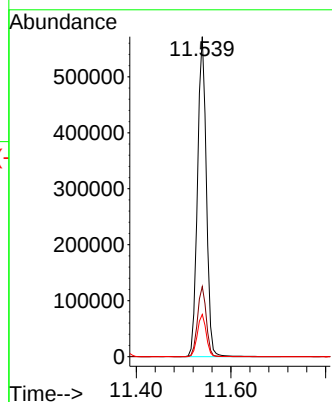
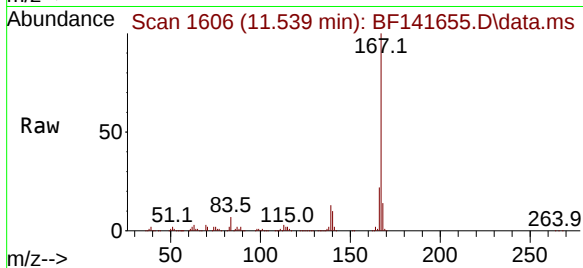
Tgt Ion:167 Resp: 741591

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 40.684 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

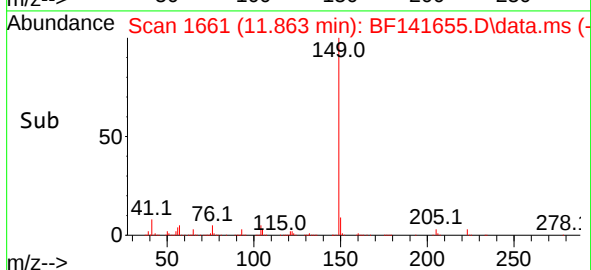
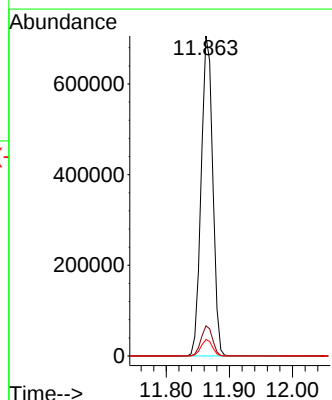
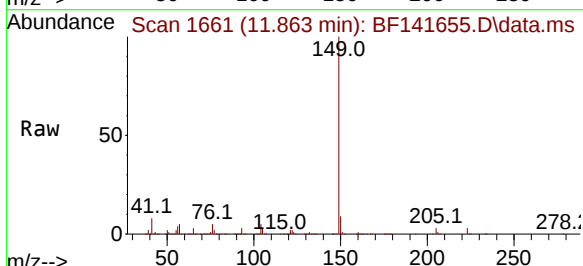
Tgt Ion:149 Resp: 896373

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.2 4.2 6.2

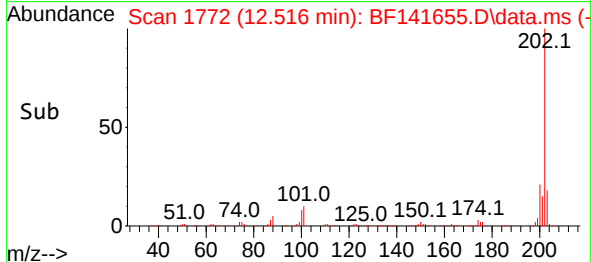
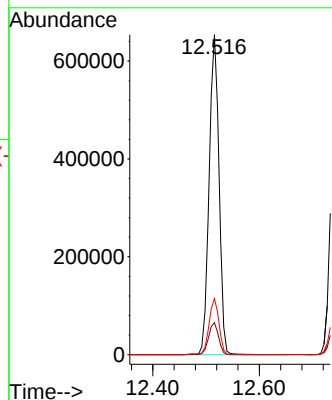
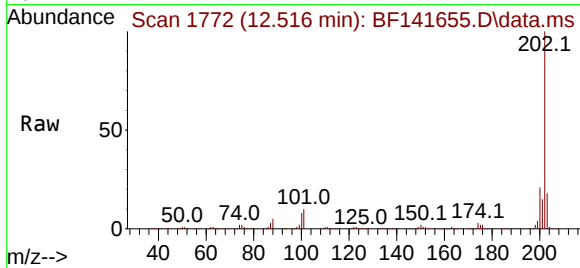




#75  
Fluoranthene  
Concen: 37.602 ng  
RT: 12.516 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

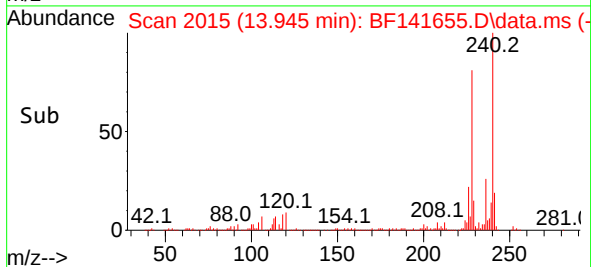
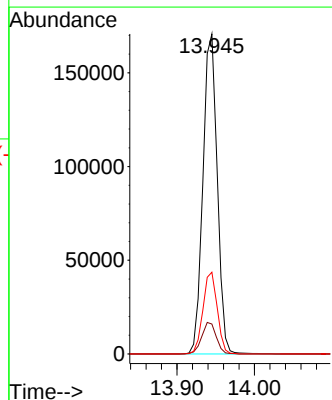
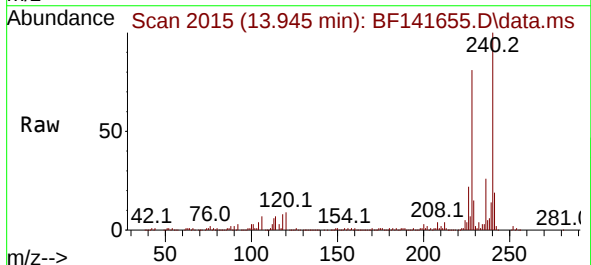
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ClientSampleId :  
SSTDCCC040

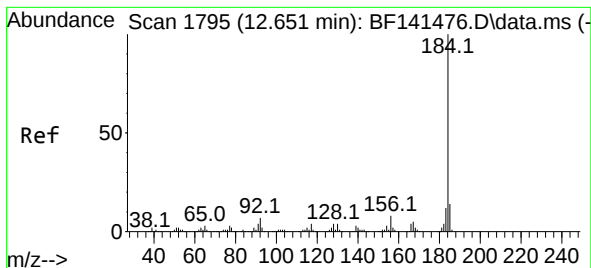
Tgt Ion:202 Resp: 841010  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 30.2  
203 17.6 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2015  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:240 Resp: 218926  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.0 12.0  
236 25.5 19.8 29.8





#77

Benzidine

Concen: 13.977 ng m

RT: 12.663 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

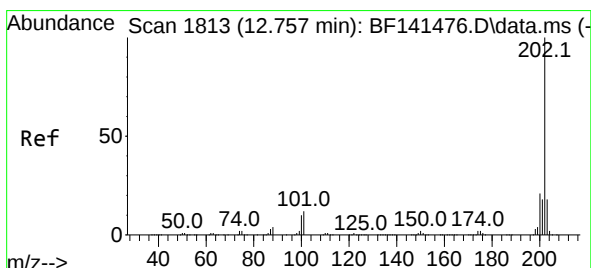
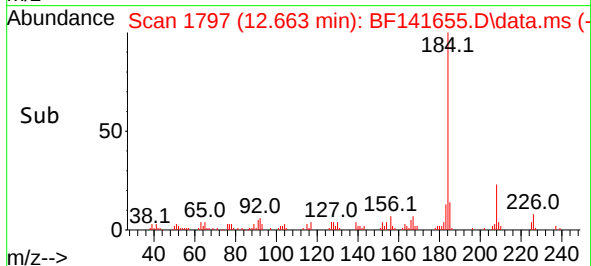
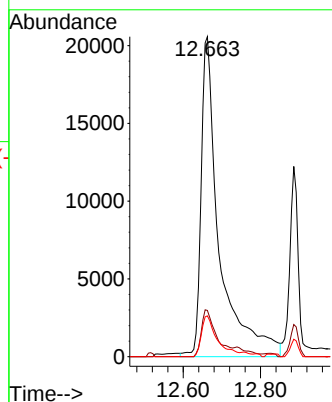
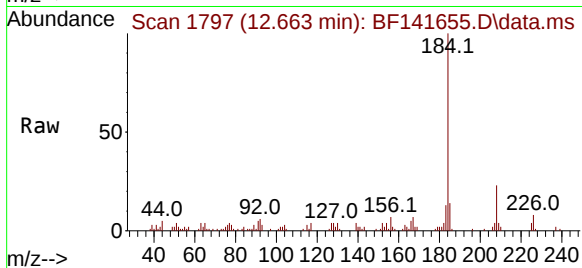
Tgt Ion:184 Resp: 67484

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 12.8 9.3 13.9



#78

Pyrene

Concen: 44.944 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.018 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

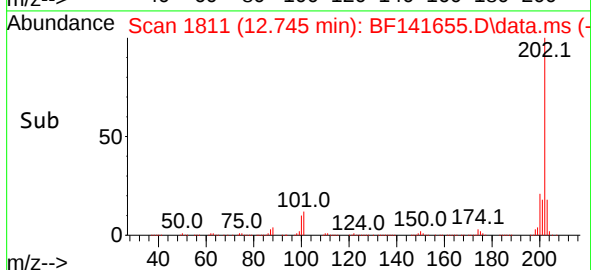
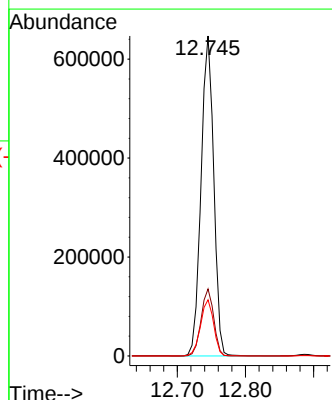
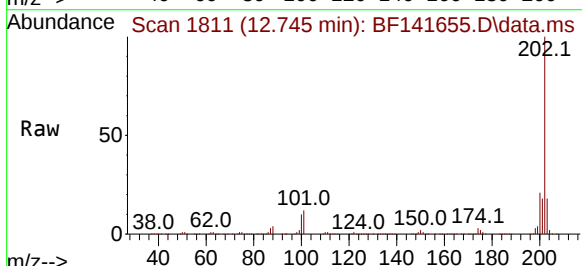
Tgt Ion:202 Resp: 837591

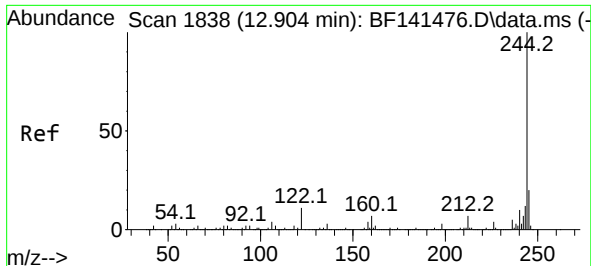
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.6 14.3 21.5

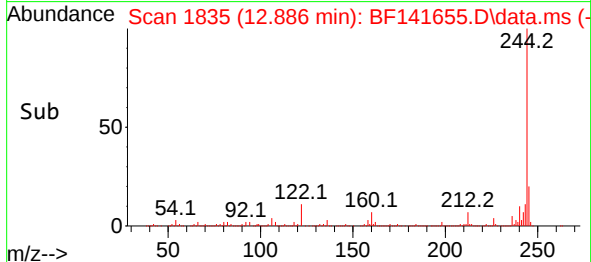
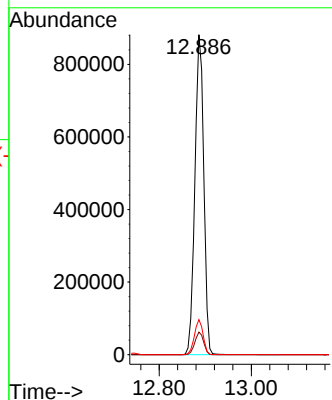
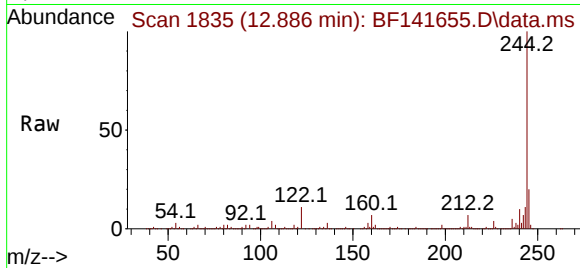




#79  
 Terphenyl-d14  
 Concen: 90.538 ng  
 RT: 12.886 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

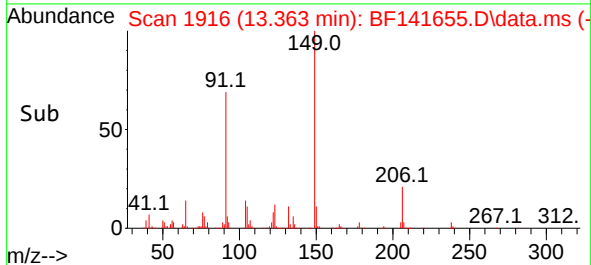
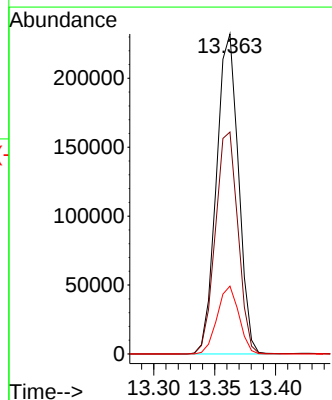
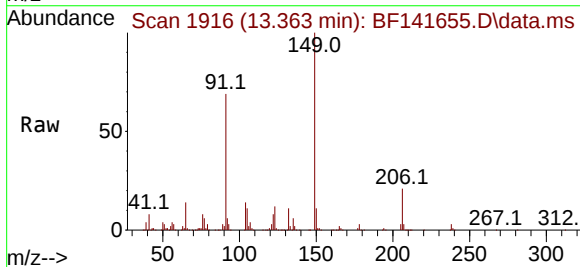
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 ClientSampleId :  
 SSTDCCC040

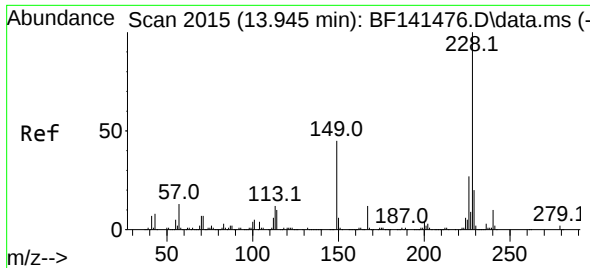
Tgt Ion:244 Resp: 1174122  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 10.9 8.4 12.6



#80  
 Butylbenzylphthalate  
 Concen: 45.413 ng  
 RT: 13.363 min Scan# 1916  
 Delta R.T. -0.018 min  
 Lab File: BF141655.D  
 Acq: 18 Feb 2025 10:20

Tgt Ion:149 Resp: 293146  
 Ion Ratio Lower Upper  
 149 100  
 91 69.3 57.8 86.8  
 206 21.2 16.7 25.1

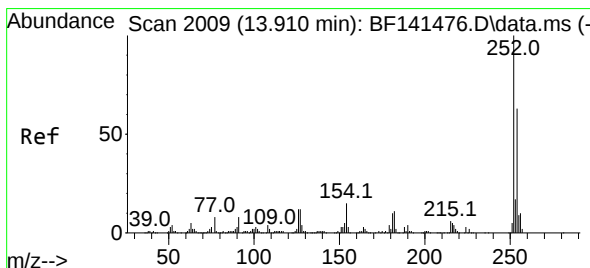
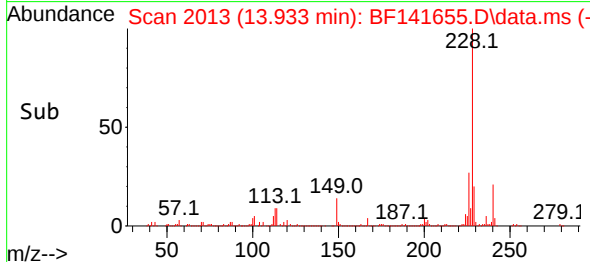
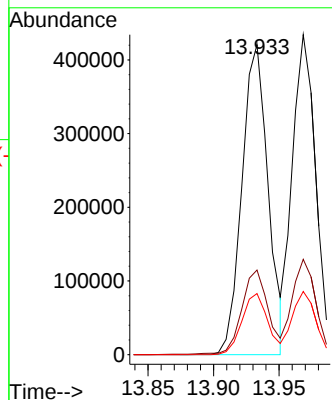
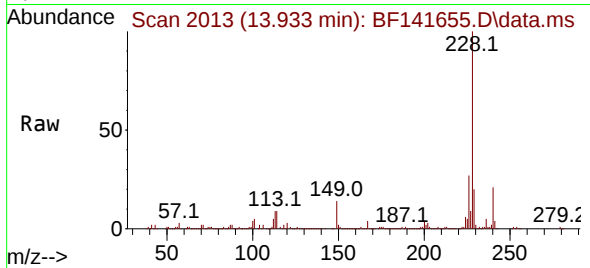




#81  
Benzo(a)anthracene  
Concen: 40.159 ng  
RT: 13.933 min Scan# 2015  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

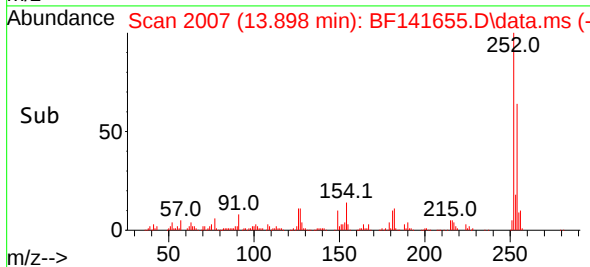
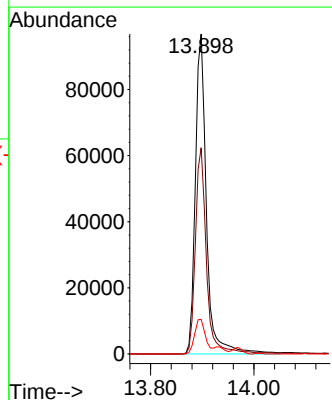
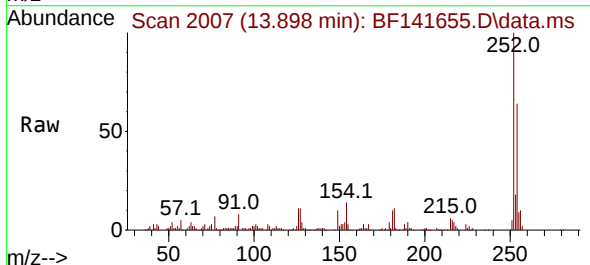
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

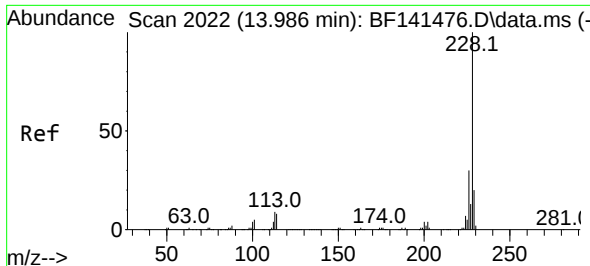
Tgt Ion:228 Resp: 584422  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.8 32.8  
229 19.7 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 34.690 ng  
RT: 13.898 min Scan# 2007  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:252 Resp: 144611  
Ion Ratio Lower Upper  
252 100  
254 64.4 50.6 76.0  
126 10.8 9.3 13.9

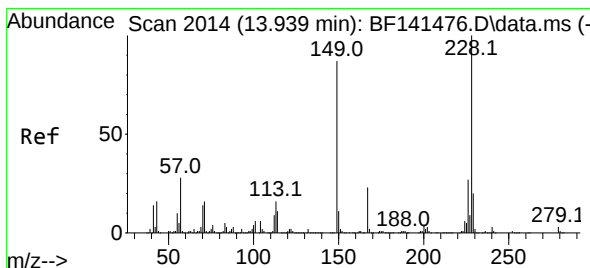
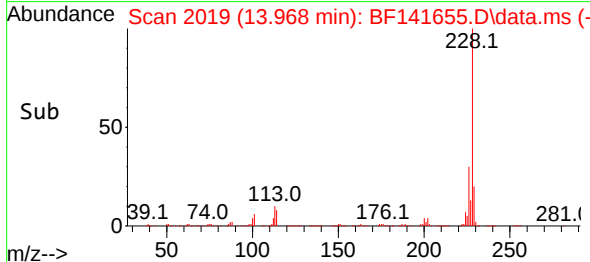
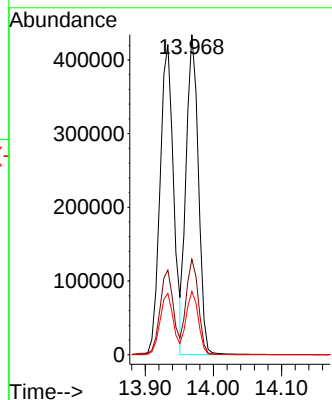
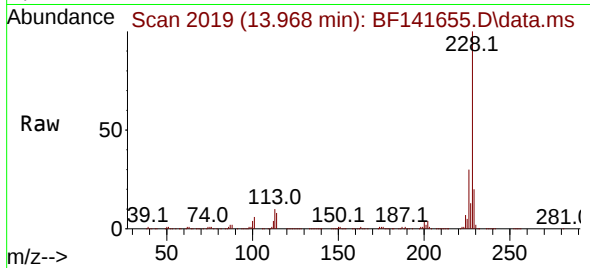




#83  
Chrysene  
Concen: 40.003 ng  
RT: 13.968 min Scan# 2011  
Delta R.T. -0.023 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

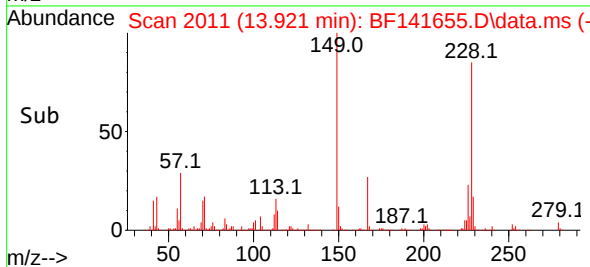
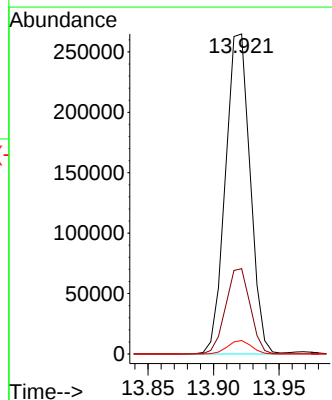
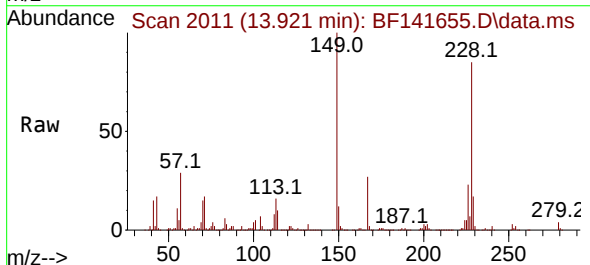
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

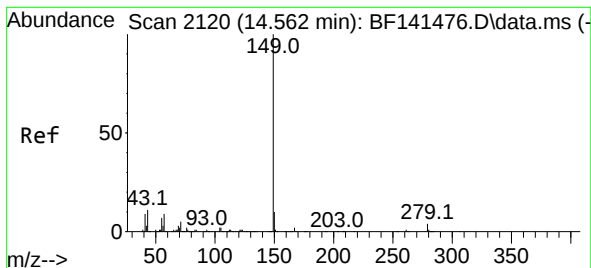
Tgt Ion:228 Resp: 537527  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.0 36.0  
229 19.8 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.695 ng  
RT: 13.921 min Scan# 2011  
Delta R.T. -0.018 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:149 Resp: 347240  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.4 32.0  
279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.682 ng

RT: 14.533 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

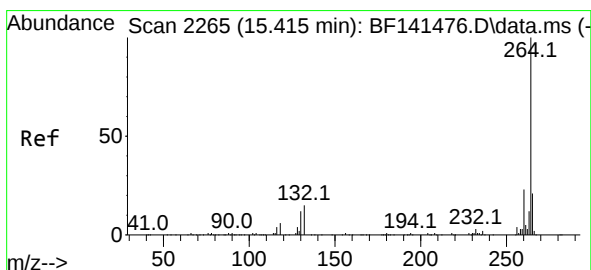
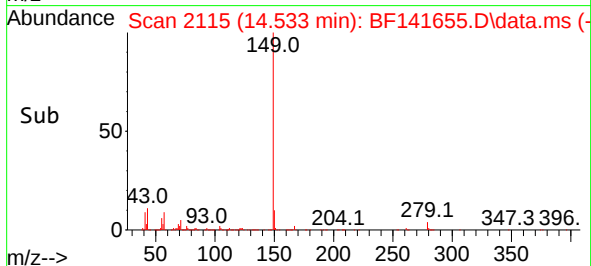
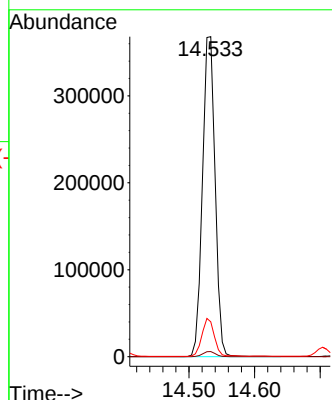
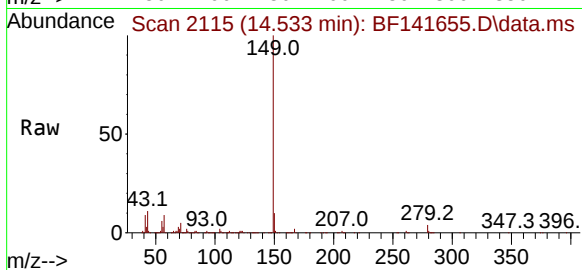
Tgt Ion:149 Resp: 495232

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

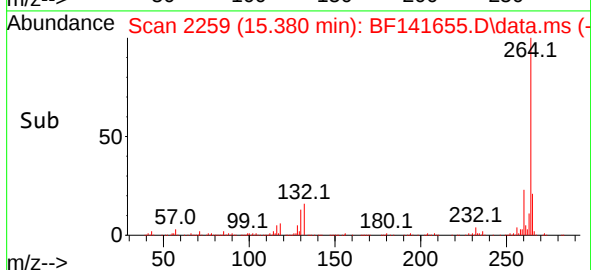
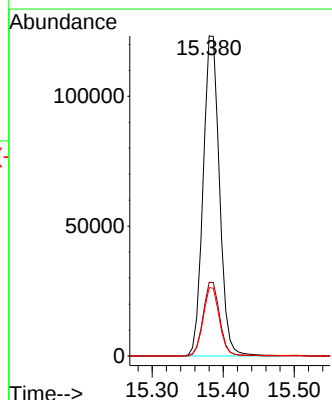
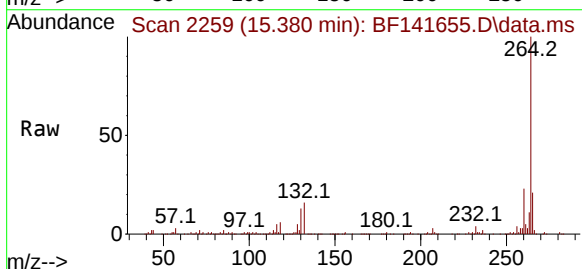
Tgt Ion:264 Resp: 197651

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.3 17.0 25.4

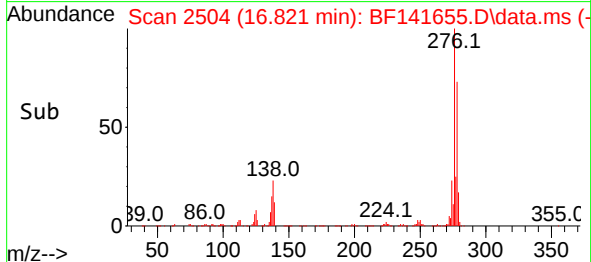
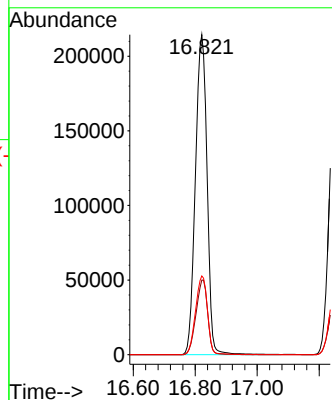
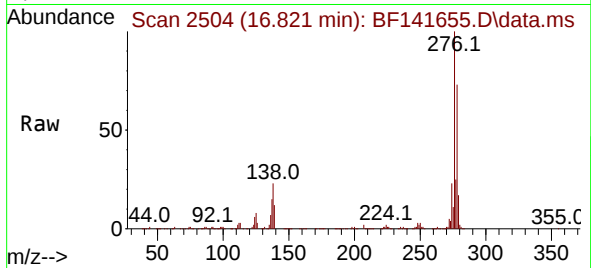




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.833 ng  
RT: 16.821 min Scan# 2189  
Delta R.T. -0.053 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

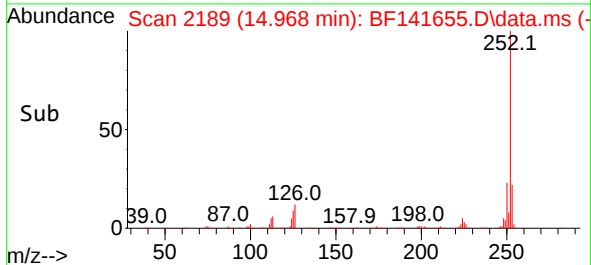
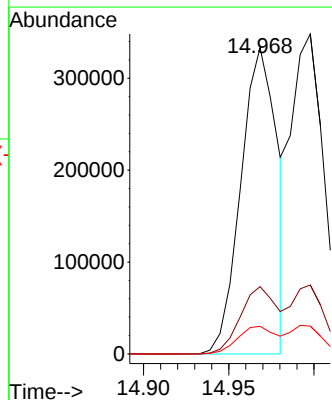
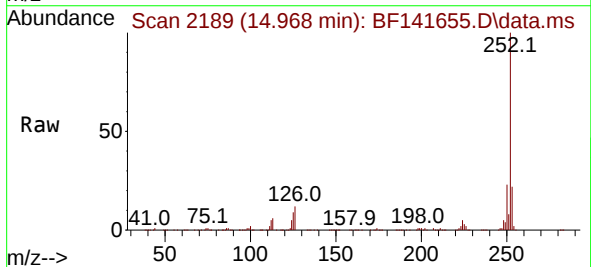
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

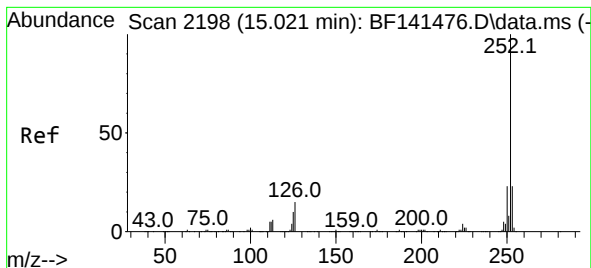
Tgt Ion:276 Resp: 559741  
Ion Ratio Lower Upper  
276 100  
138 23.2 18.0 27.0  
277 25.0 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 37.153 ng  
RT: 14.968 min Scan# 2189  
Delta R.T. -0.035 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:252 Resp: 493072  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.406 ng

RT: 14.998 min Scan# 2198

Delta R.T. -0.035 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

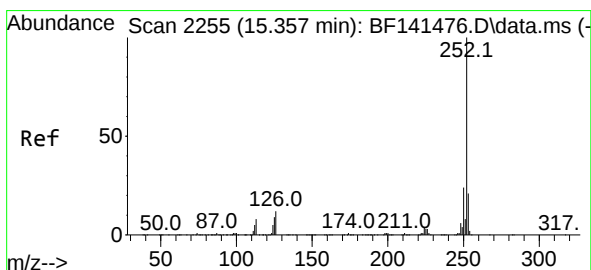
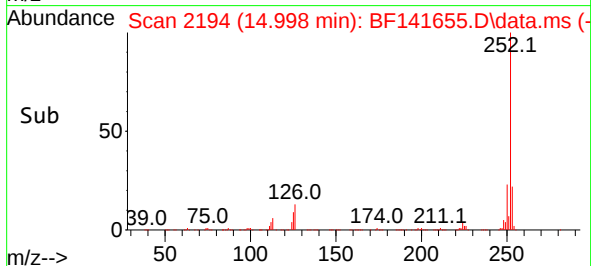
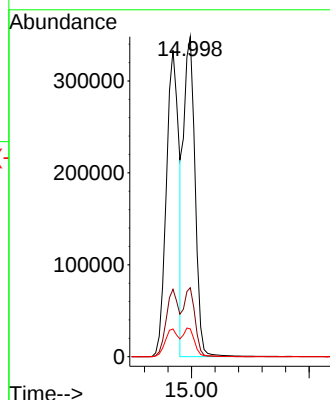
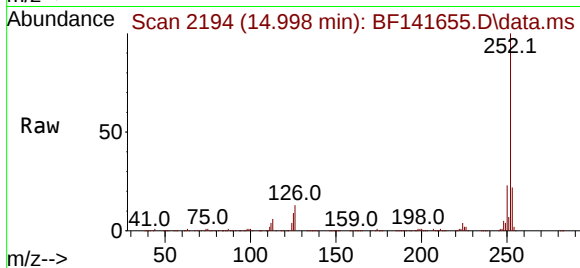
Tgt Ion:252 Resp: 469230

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 8.7 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.961 ng

RT: 15.321 min Scan# 2249

Delta R.T. -0.041 min

Lab File: BF141655.D

Acq: 18 Feb 2025 10:20

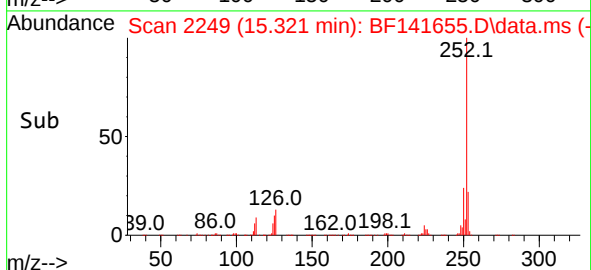
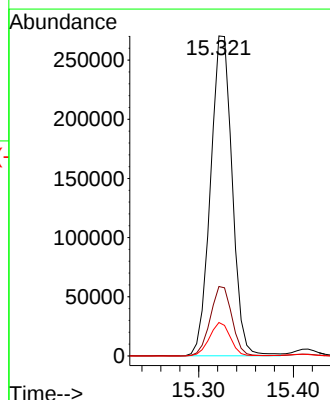
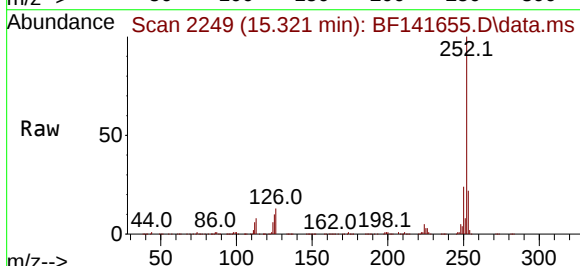
Tgt Ion:252 Resp: 429129

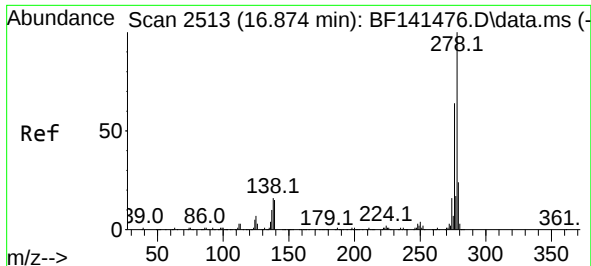
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.5 7.4 11.2

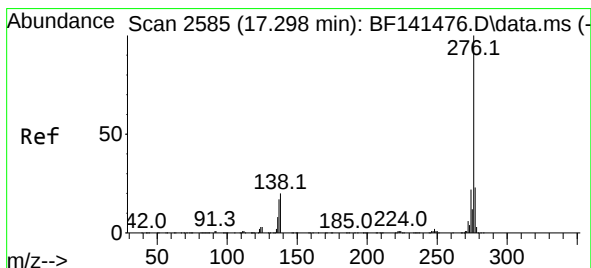
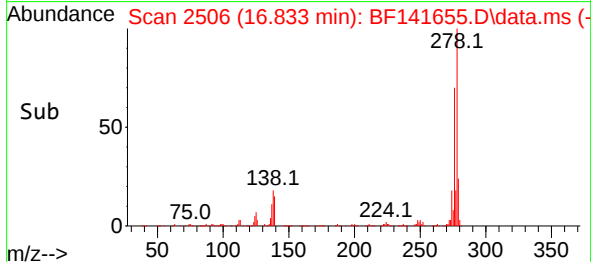
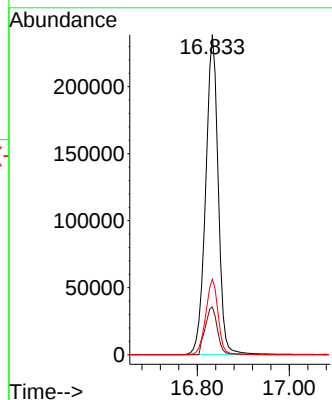
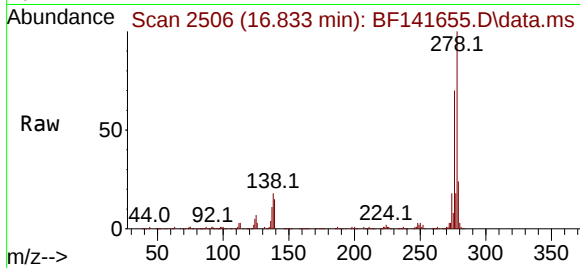




#91  
Dibenzo(a,h)anthracene  
Concen: 45.917 ng  
RT: 16.833 min Scan# 2506  
Delta R.T. -0.059 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 454381  
Ion Ratio Lower Upper  
278 100  
139 14.9 11.8 17.6  
279 23.5 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 46.213 ng  
RT: 17.251 min Scan# 2577  
Delta R.T. -0.065 min  
Lab File: BF141655.D  
Acq: 18 Feb 2025 10:20

Tgt Ion:276 Resp: 478556  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.6 28.0  
138 19.8 15.9 23.9

