

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020725\  
 Data File : BF141496.D  
 Acq On : 07 Feb 2025 09:55  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 07 10:35:57 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     | 6.787  | 152  | 91214    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 362855   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.828  | 164  | 201746   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 342006   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.957 | 240  | 240401   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.410 | 264  | 192218   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 466162   | 80.122 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 584998   | 79.552 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 550061   | 79.068 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 156075   | 77.012 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1011149  | 77.217 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.904 | 244  | 1133546  | 79.601 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.475  | 88   | 93900    | 40.099 | ng    | 100      |
| 3) Pyridine                   | 3.204  | 79   | 225767   | 40.516 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.157  | 42   | 147706   | 40.032 | ng    | 96       |
| 6) Aniline                    | 6.451  | 93   | 265138   | 38.436 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.581  | 128  | 250859   | 39.903 | ng    | 100      |
| 9) Benzaldehyde               | 6.340  | 77   | 133096   | 34.059 | ng    | 99       |
| 10) Phenol                    | 6.445  | 94   | 305307   | 39.890 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 230405   | 40.079 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.728  | 146  | 264107   | 39.793 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 272238   | 40.146 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 251498   | 39.960 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.934  | 79   | 221840   | 39.339 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069  | 45   | 388669   | 39.495 | ng    | 99       |
| 17) 2-Methylphenol            | 7.051  | 107  | 193513   | 39.334 | ng    | 99       |
| 18) Hexachloroethane          | 7.298  | 117  | 100797   | 40.164 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 177792   | 40.419 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 247906   | 39.650 | ng    | 98       |
| 22) Acetophenone              | 7.204  | 105  | 354825   | 39.311 | ng    | 99       |
| 24) Nitrobenzene              | 7.375  | 77   | 270998   | 39.948 | ng    | 99       |
| 25) Isophorone                | 7.616  | 82   | 440694   | 39.729 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.692  | 139  | 136362   | 40.403 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.734  | 122  | 155109   | 39.340 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 286038   | 40.243 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 214062   | 40.182 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.016  | 180  | 227714   | 39.253 | ng    | 99       |
| 31) Naphthalene               | 8.098  | 128  | 749139   | 39.662 | ng    | 100      |
| 32) Benzoic acid              | 7.857  | 122  | 167593   | 40.922 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.151  | 127  | 245806   | 37.274 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 139120   | 39.946 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 64455    | 39.738 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.633  | 107  | 237561   | 40.257 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 474911   | 38.639 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.886  | 142  | 470524   | 39.526 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.951  | 216  | 228084   | 39.077 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.939  | 237  | 78812    | 40.596 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 148599   | 39.391 | ng    | 100      |

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 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 159885   | 39.107 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 607180   | 38.820 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.275  | 162  | 451337   | 39.023 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.375  | 65   | 152041   | 39.170 | ng    | 98       |
| 49) Acenaphthylene            | 9.692  | 152  | 675685   | 39.277 | ng    | 100      |
| 50) Dimethylphthalate         | 9.557  | 163  | 529941   | 38.693 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 117389   | 39.208 | ng    | 99       |
| 52) Acenaphthene              | 9.863  | 154  | 452808   | 39.152 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 125508   | 38.948 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 67632    | 38.007 | ng    | 98       |
| 55) Dibenzofuran              | 10.033 | 168  | 660638   | 38.916 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.957  | 139  | 96383    | 40.291 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 155299   | 38.963 | ng    | 99       |
| 58) Fluorene                  | 10.375 | 166  | 509117   | 38.787 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 139813   | 39.721 | ng    | 96       |
| 60) Diethylphthalate          | 10.251 | 149  | 517267   | 38.386 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 246536   | 39.042 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 132456   | 40.480 | ng    | 99       |
| 63) Azobenzene                | 10.527 | 77   | 523713   | 39.094 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.427 | 198  | 96815    | 40.751 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 429297   | 39.213 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 153212   | 40.083 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 156634   | 39.795 | ng    | 98       |
| 69) Atrazine                  | 11.016 | 200  | 126566   | 38.536 | ng    | 99       |
| 70) Pentachlorophenol         | 11.122 | 266  | 103590   | 41.160 | ng    | 98       |
| 71) Phenanthrene              | 11.339 | 178  | 735189   | 39.052 | ng    | 100      |
| 72) Anthracene                | 11.392 | 178  | 740620   | 39.135 | ng    | 100      |
| 73) Carbazole                 | 11.545 | 167  | 675674   | 39.680 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 798668   | 40.620 | ng    | 100      |
| 75) Fluoranthene              | 12.527 | 202  | 806032   | 40.384 | ng    | 99       |
| 77) Benzidine                 | 12.651 | 184  | 199354   | 37.601 | ng    | 99       |
| 78) Pyrene                    | 12.757 | 202  | 811169   | 39.638 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.380 | 149  | 305486   | 43.097 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.945 | 228  | 611195   | 38.247 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.910 | 252  | 176694   | 38.600 | ng    | 98       |
| 83) Chrysene                  | 13.986 | 228  | 596150   | 40.402 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 371491   | 46.468 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.557 | 149  | 494876   | 43.392 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.851 | 276  | 474290   | 39.934 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.986 | 252  | 529908   | 41.057 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.015 | 252  | 425996   | 38.653 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 419642   | 40.182 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.862 | 278  | 385831   | 40.092 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.280 | 276  | 407051   | 40.419 | ng    | 100      |

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

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Response via : Initial Calibration

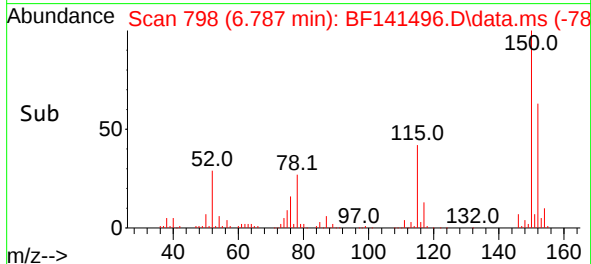
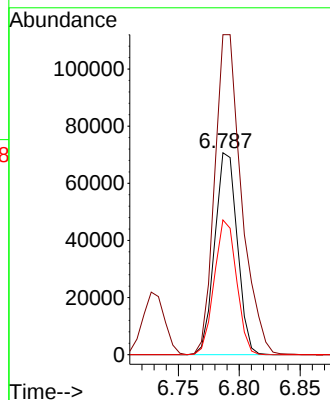
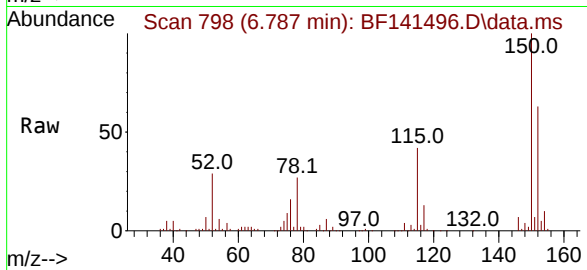




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF141496.D  
 Acq: 07 Feb 2025 09:55

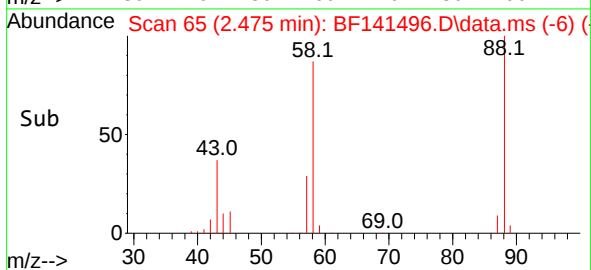
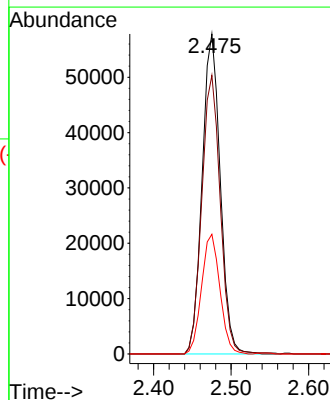
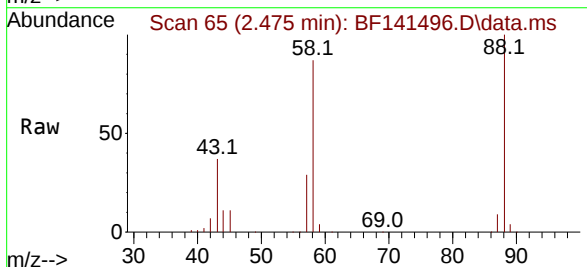
Instrument :  
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 ClientSampleId :  
 SSTDCCC040

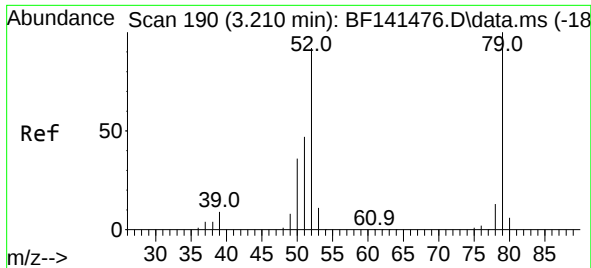
Tgt Ion:152 Resp: 91214  
 Ion Ratio Lower Upper  
 152 100  
 150 158.5 125.0 187.4  
 115 66.7 53.6 80.4



#2  
 1,4-Dioxane  
 Concen: 40.099 ng  
 RT: 2.475 min Scan# 65  
 Delta R.T. -0.006 min  
 Lab File: BF141496.D  
 Acq: 07 Feb 2025 09:55

Tgt Ion: 88 Resp: 93900  
 Ion Ratio Lower Upper  
 88 100  
 58 88.5 71.1 106.7  
 43 37.9 30.6 46.0





#3

Pyridine

Concen: 40.516 ng

RT: 3.204 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

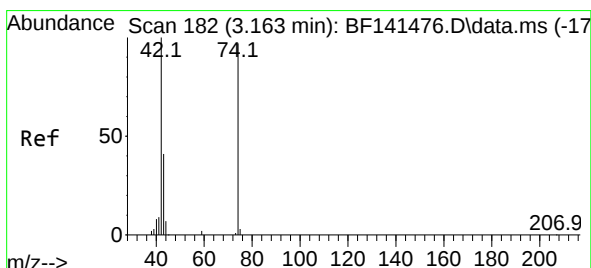
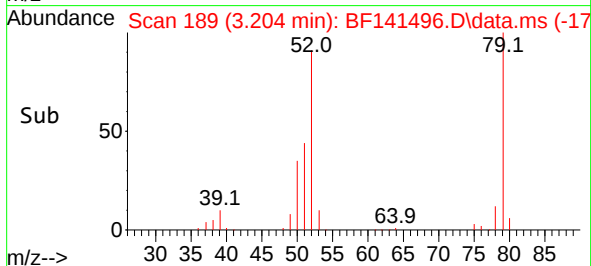
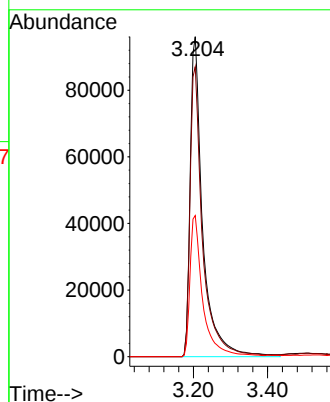
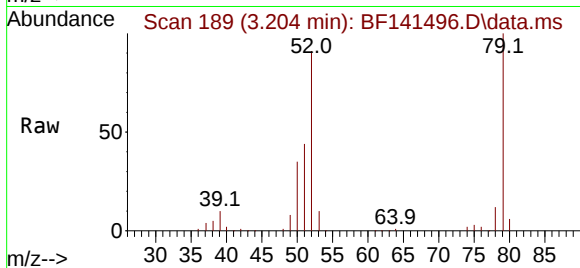
Tgt Ion: 79 Resp: 225767

Ion Ratio Lower Upper

79 100

52 90.6 73.7 110.5

51 44.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.032 ng

RT: 3.157 min Scan# 181

Delta R.T. -0.029 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

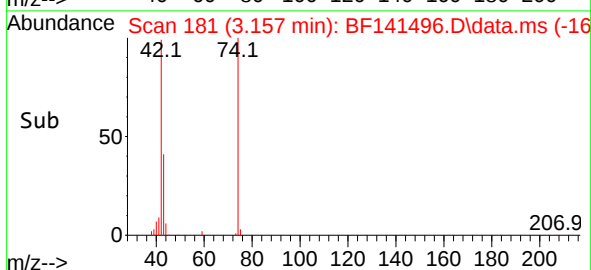
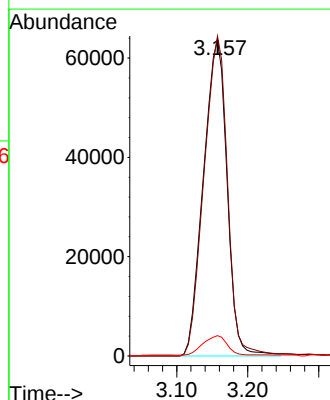
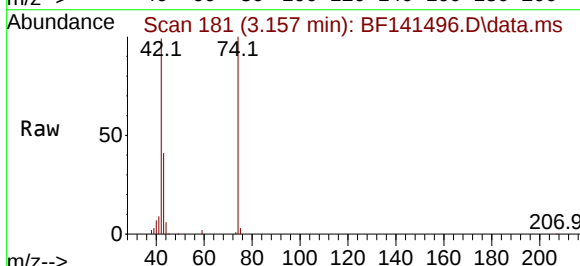
Tgt Ion: 42 Resp: 147706

Ion Ratio Lower Upper

42 100

74 101.1 78.0 117.0

44 6.4 5.4 8.2

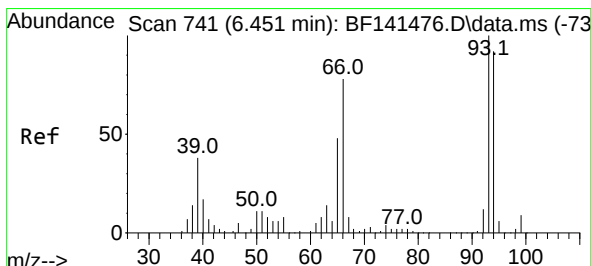
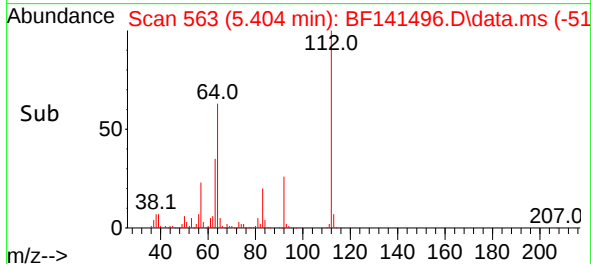
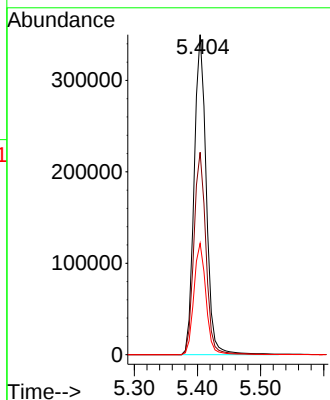
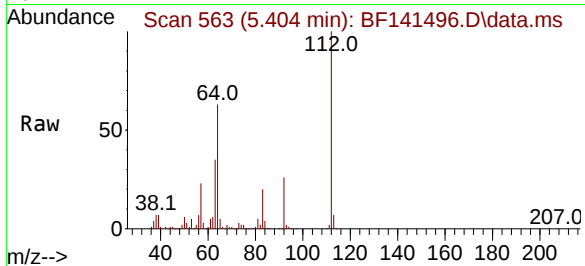




#5  
2-Fluorophenol  
Concen: 80.122 ng  
RT: 5.404 min Scan# 563  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

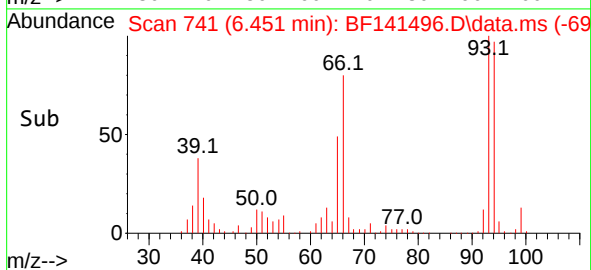
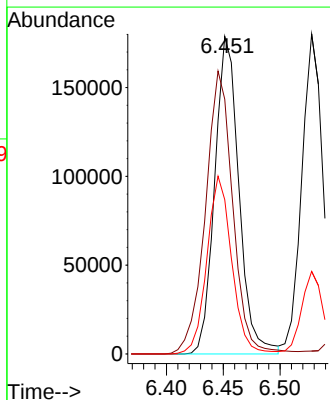
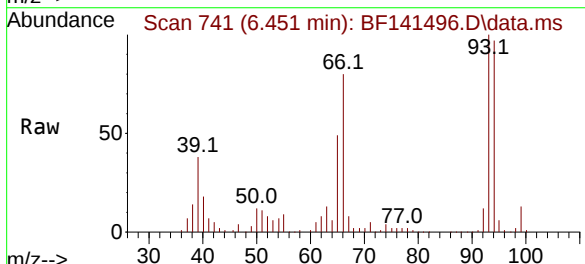
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:112 Resp: 466162  
Ion Ratio Lower Upper  
112 100  
64 63.2 51.1 76.7  
63 34.8 28.4 42.6



#6  
Aniline  
Concen: 38.436 ng  
RT: 6.451 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion: 93 Resp: 265138  
Ion Ratio Lower Upper  
93 100  
66 80.2 62.6 94.0  
65 48.6 38.3 57.5





#7  
Phenol-d6  
Concen: 79.552 ng  
RT: 6.428 min Scan# 713  
Delta R.T. -0.012 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

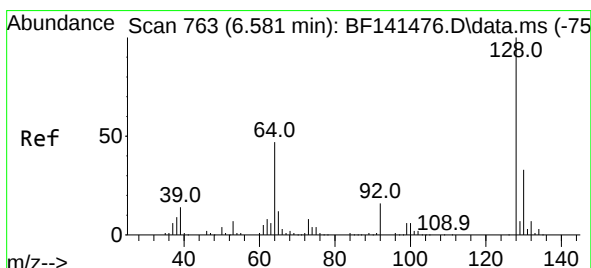
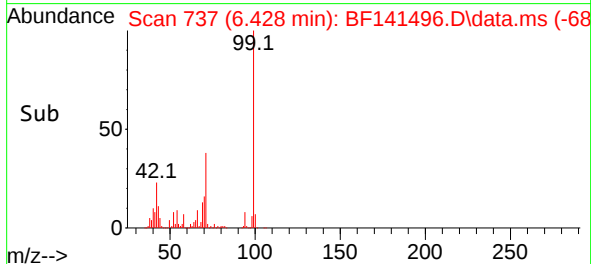
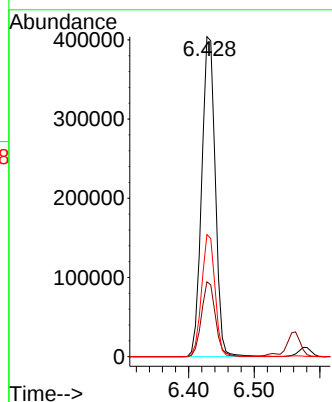
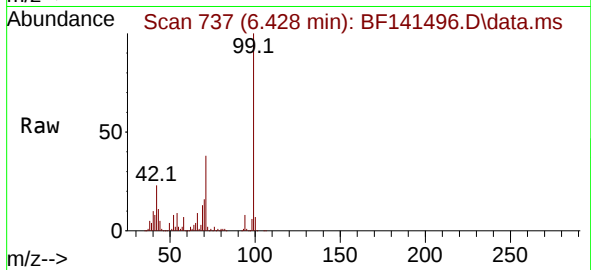
Instrument :

BNA\_F

ClientSampleId :

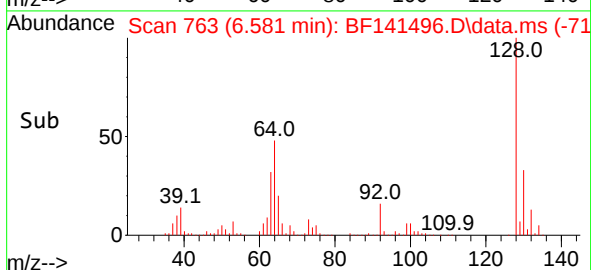
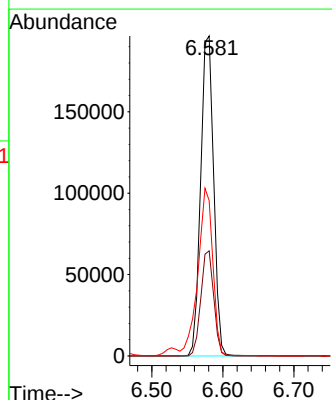
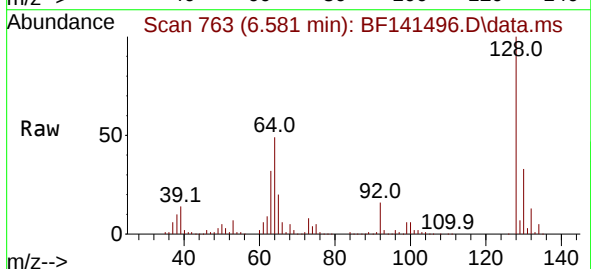
SSTDCCC040

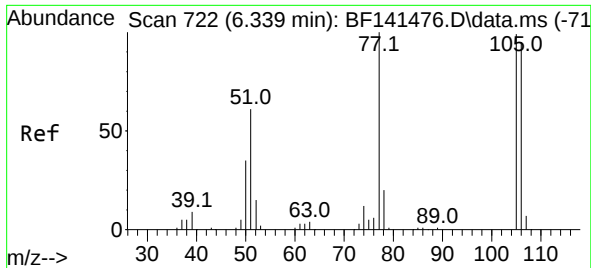
Tgt Ion: 99 Resp: 584998  
Ion Ratio Lower Upper  
99 100  
42 23.4 19.1 28.7  
71 38.1 31.1 46.7



#8  
2-Chlorophenol  
Concen: 39.903 ng  
RT: 6.581 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion: 128 Resp: 250859  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.7 52.7  
64 48.5 28.3 68.3





#9

Benzaldehyde

Concen: 34.059 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

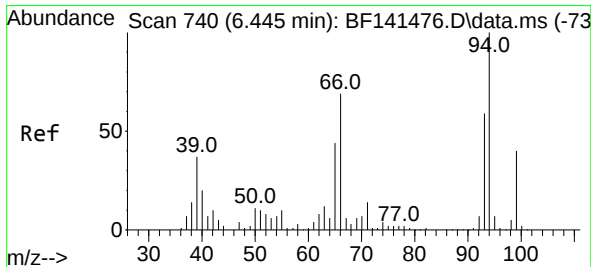
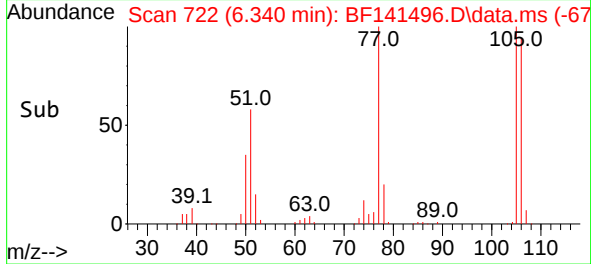
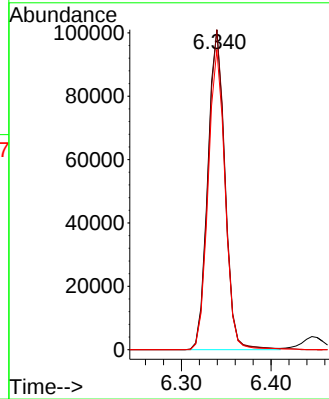
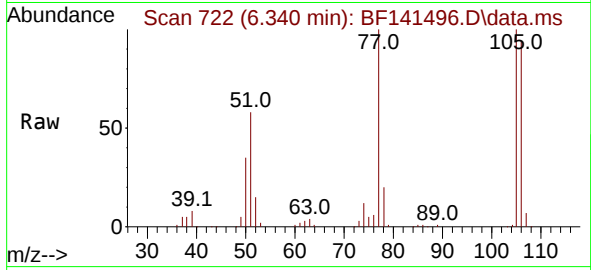
Tgt Ion: 77 Resp: 133096

Ion Ratio Lower Upper

77 100

105 100.0 79.4 119.4

106 93.8 75.1 115.1



#10

Phenol

Concen: 39.890 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

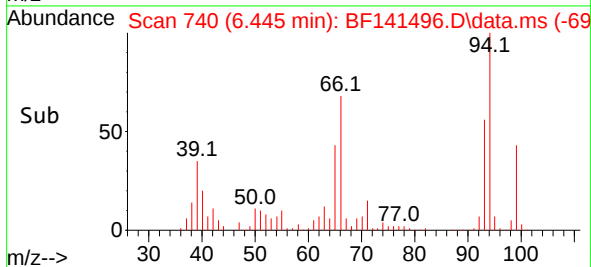
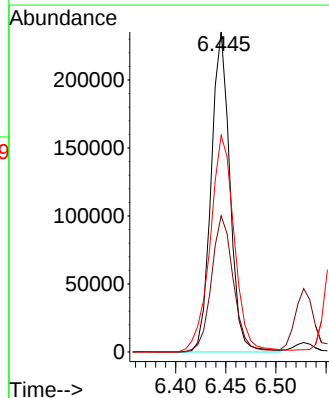
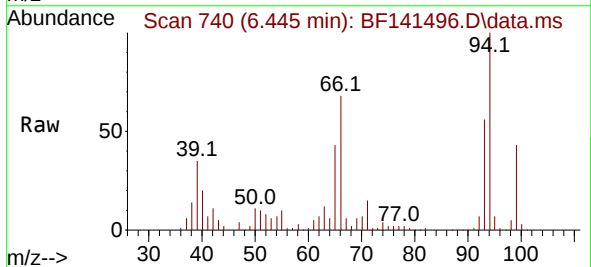
Tgt Ion: 94 Resp: 305307

Ion Ratio Lower Upper

94 100

65 42.6 23.7 63.7

66 67.7 49.3 89.3

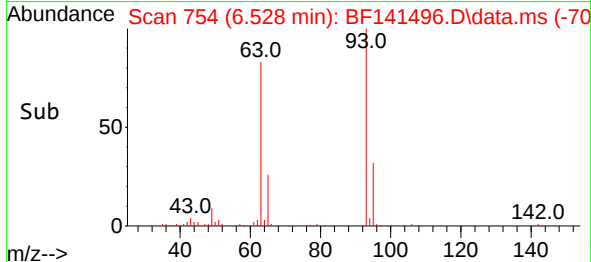
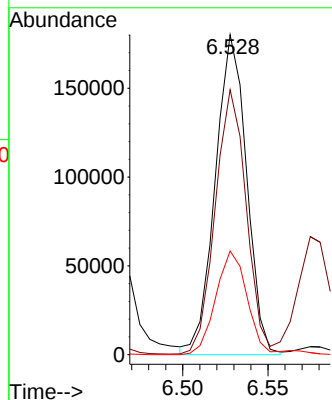
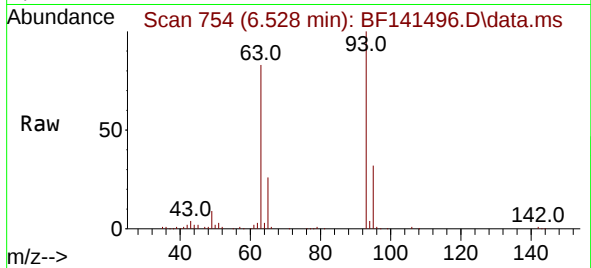




#11  
bis(2-Chloroethyl)ether  
Concen: 40.079 ng  
RT: 6.528 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

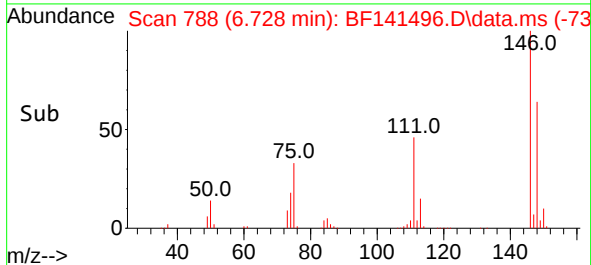
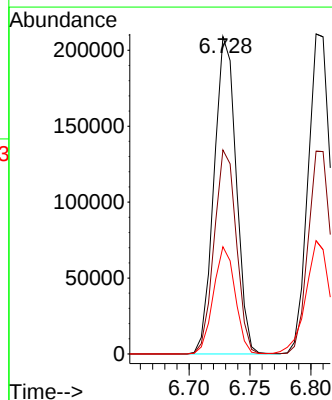
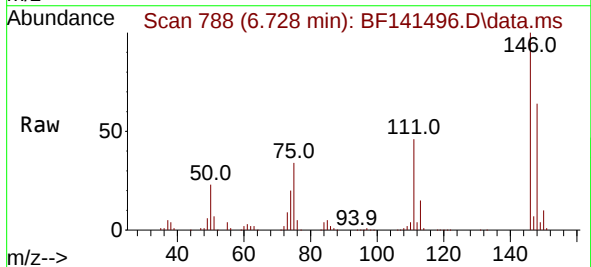
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 230405  
Ion Ratio Lower Upper  
93 100  
63 82.8 62.0 102.0  
95 32.4 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.793 ng  
RT: 6.728 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:146 Resp: 264107  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.9 77.9  
75 33.8 28.2 42.2

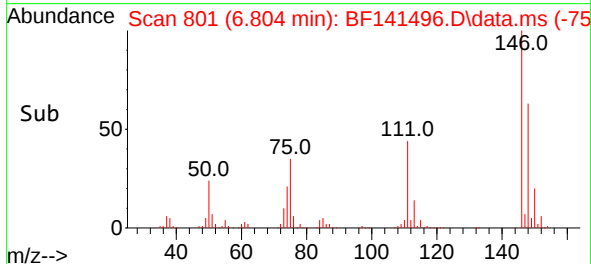
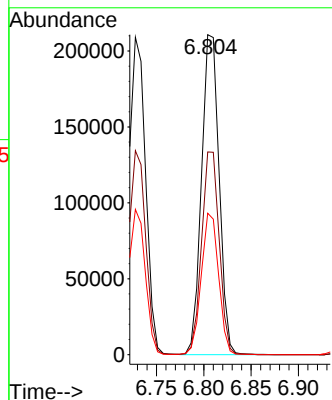
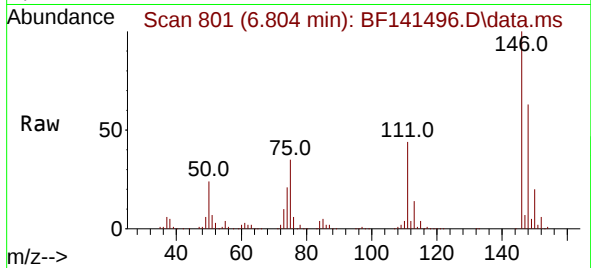




#13  
1,4-Dichlorobenzene  
Concen: 40.146 ng  
RT: 6.804 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

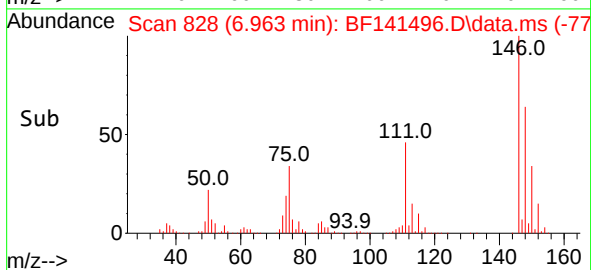
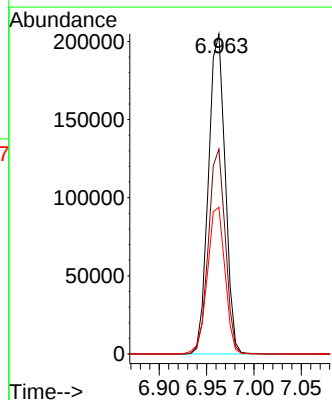
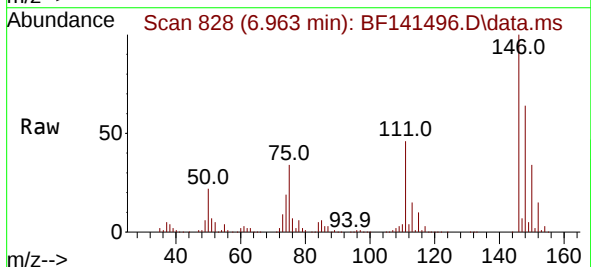
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

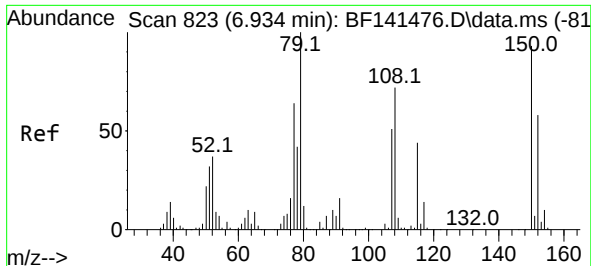
Tgt Ion:146 Resp: 272238  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.9 76.3  
111 44.2 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 39.960 ng  
RT: 6.963 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:146 Resp: 251498  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.8 77.6  
111 45.8 37.0 55.4

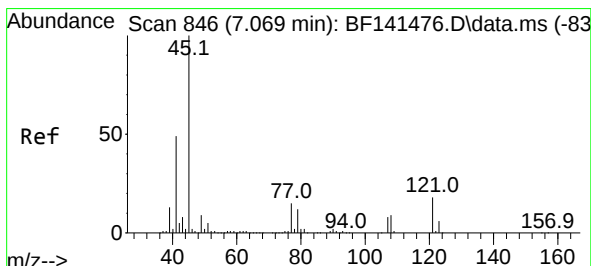
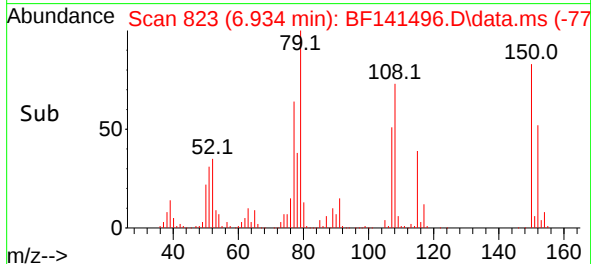
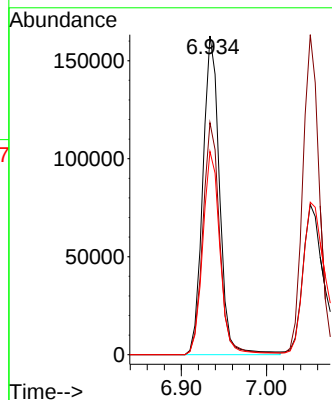
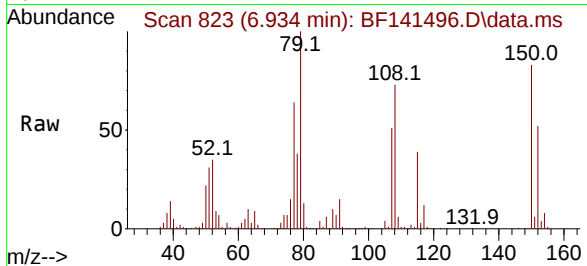




#15  
Benzyl Alcohol  
Concen: 39.339 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

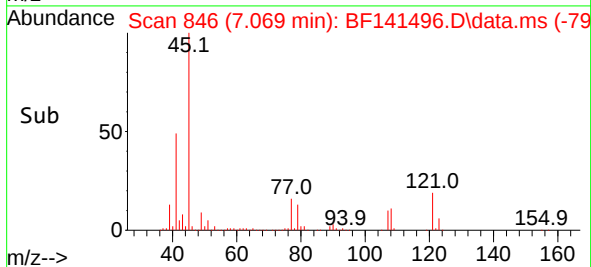
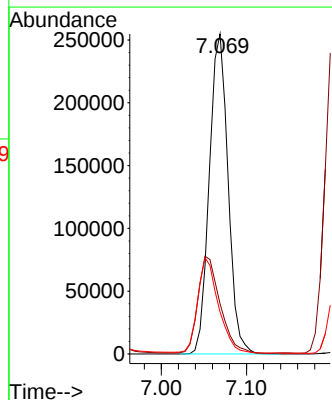
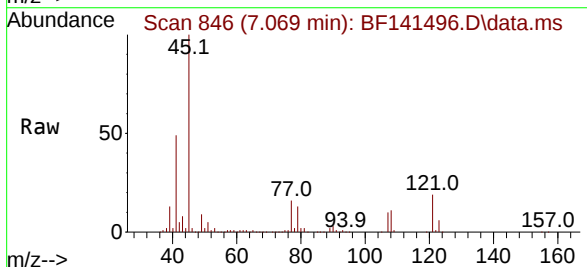
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 221840  
Ion Ratio Lower Upper  
79 100  
108 72.8 57.4 86.2  
77 63.8 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.495 ng  
RT: 7.069 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion: 45 Resp: 388669  
Ion Ratio Lower Upper  
45 100  
77 15.7 0.0 35.8  
79 13.1 0.0 32.7

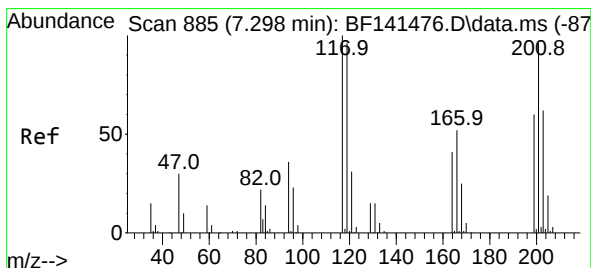
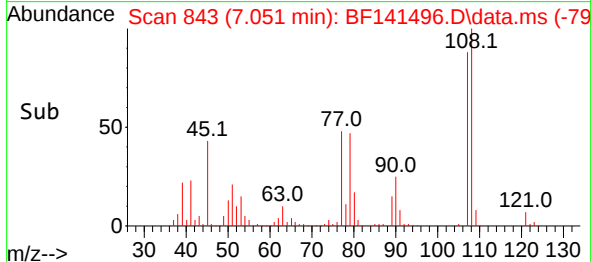
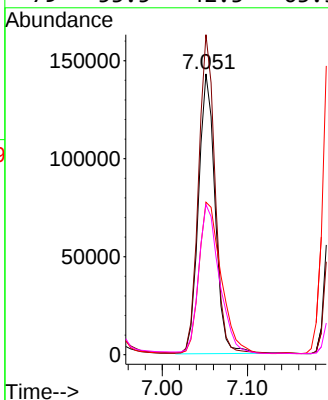
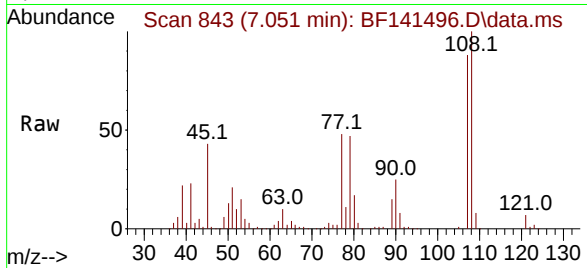




#17  
2-Methylphenol  
Concen: 39.334 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

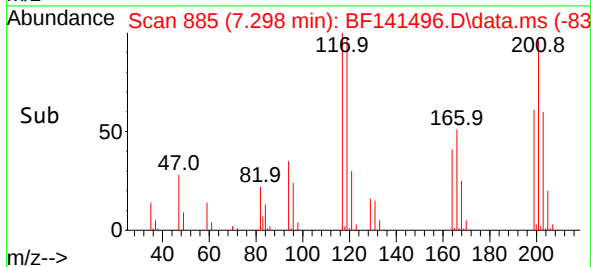
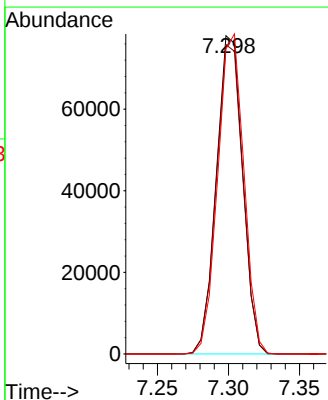
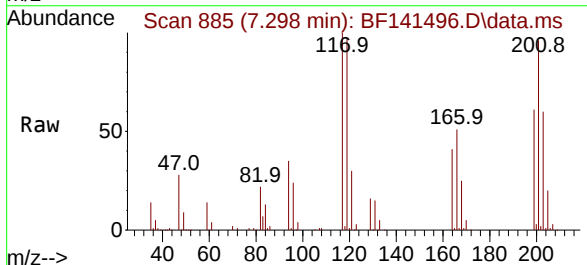
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 193513 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.0 | 90.6  | 136.0  |
| 77       | 54.3  | 44.4  | 66.6   |
| 79       | 53.5  | 42.3  | 63.5   |



#18  
Hexachloroethane  
Concen: 40.164 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 100797 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.2  | 76.5  | 114.7  |
| 201      | 95.9  | 76.7  | 115.1  |



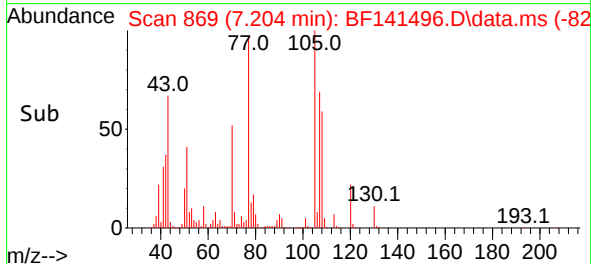
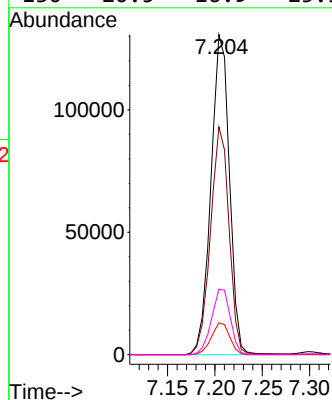
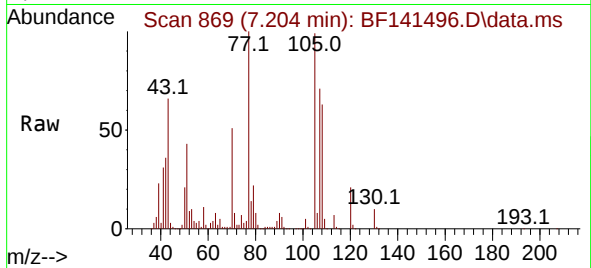


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.419 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 177792

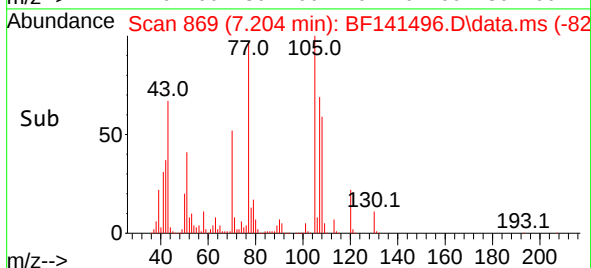
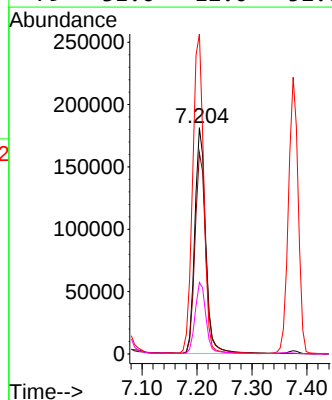
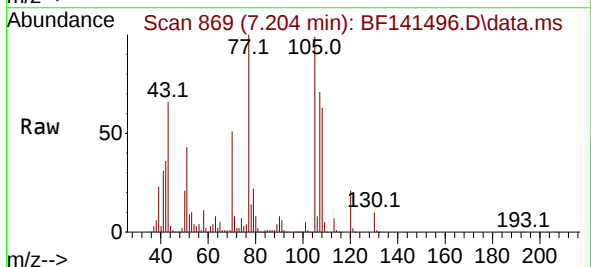
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 71.2  | 57.4  | 86.2  |
| 101 | 9.9   | 8.0   | 12.0  |
| 130 | 20.5  | 16.9  | 25.3  |

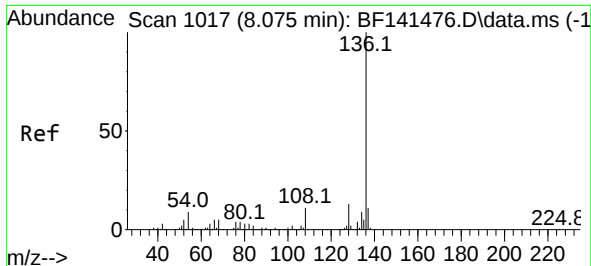


#20  
3+4-Methylphenols  
Concen: 39.650 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion: 107 Resp: 247906

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.0  | 68.5  | 108.5 |
| 77  | 141.4 | 116.5 | 156.5 |
| 79  | 31.6  | 12.0  | 52.0  |

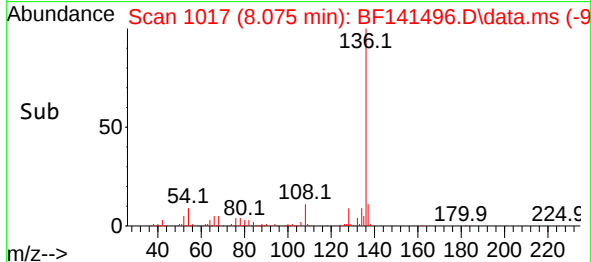
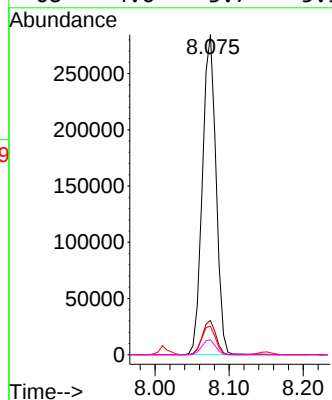
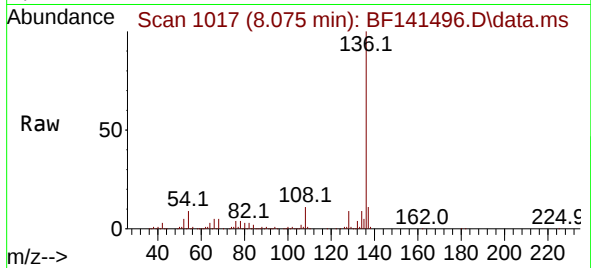




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

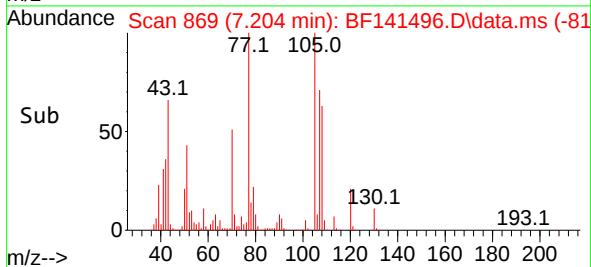
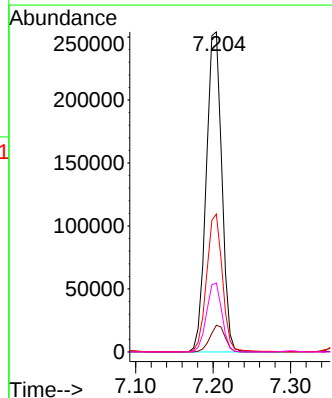
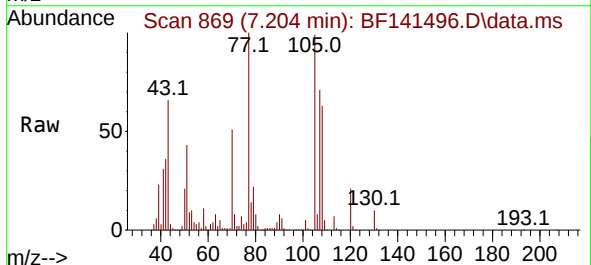
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 362855  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.9 7.2 10.8  
68 4.6 3.7 5.5



#22  
Acetophenone  
Concen: 39.311 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:105 Resp: 354825  
Ion Ratio Lower Upper  
105 100  
71 8.4 5.7 8.5  
51 43.1 33.7 50.5  
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.068 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

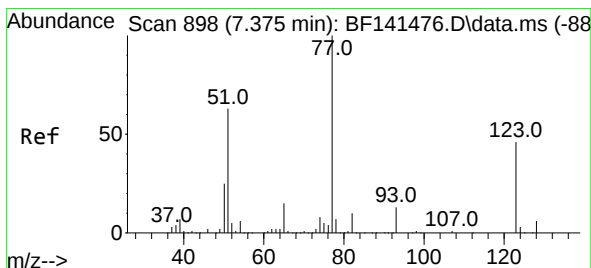
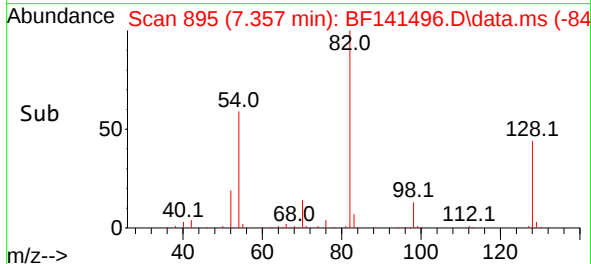
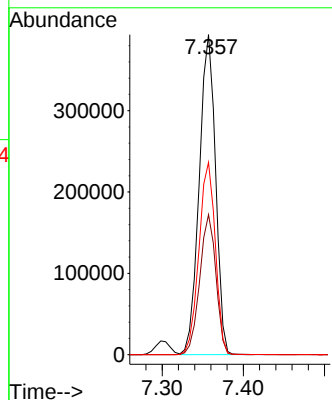
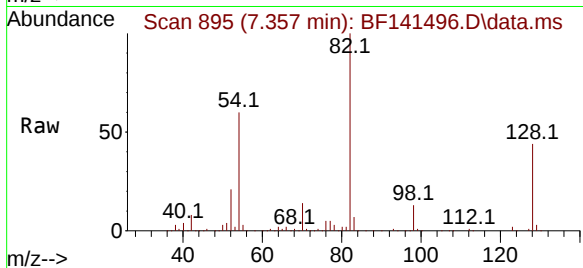
Tgt Ion: 82 Resp: 550061

Ion Ratio Lower Upper

82 100

128 43.7 34.8 52.2

54 60.1 48.2 72.4



#24

Nitrobenzene

Concen: 39.948 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

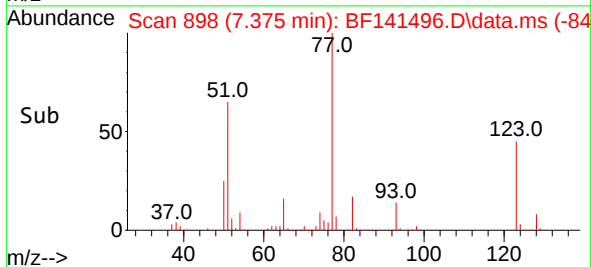
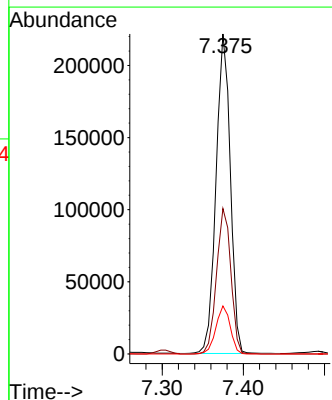
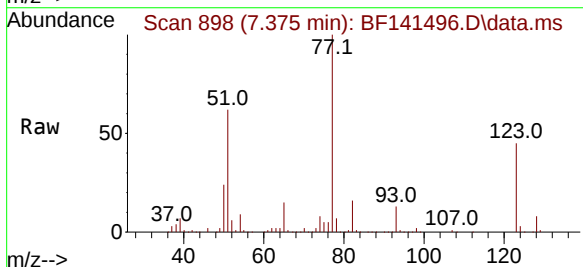
Tgt Ion: 77 Resp: 270998

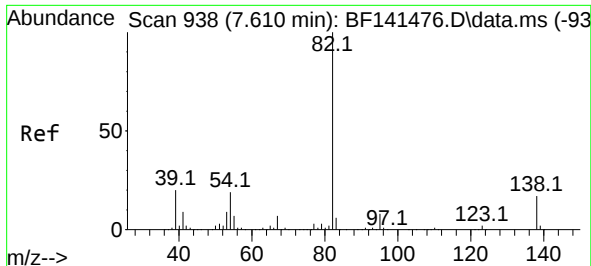
Ion Ratio Lower Upper

77 100

123 45.5 36.9 55.3

65 15.0 11.9 17.9

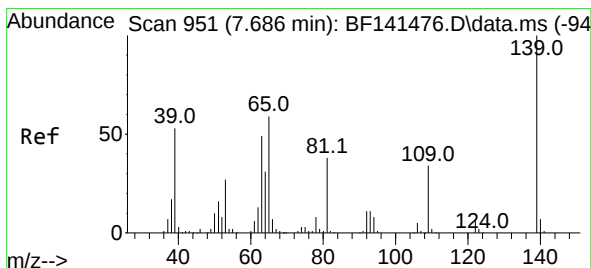
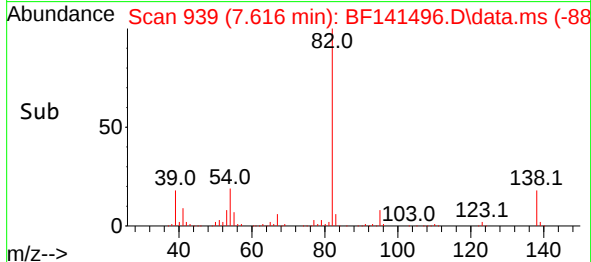
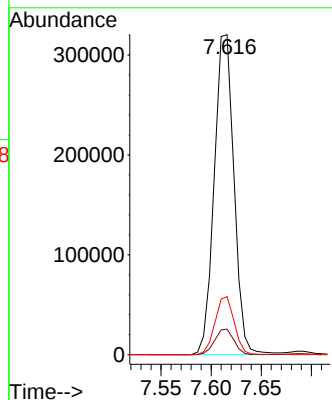
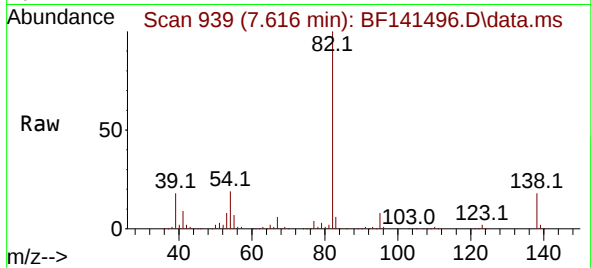




#25  
Isophorone  
Concen: 39.729 ng  
RT: 7.616 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

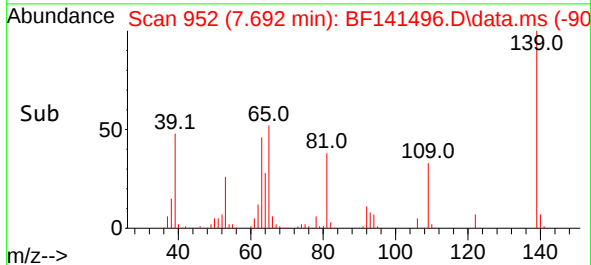
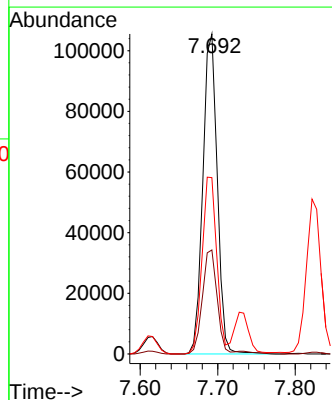
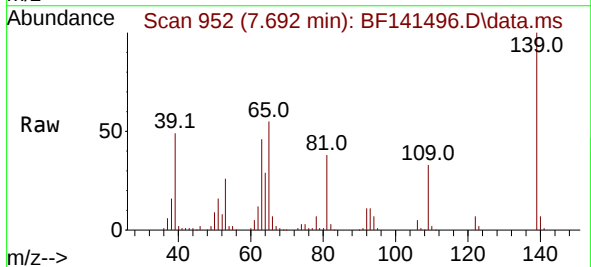
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

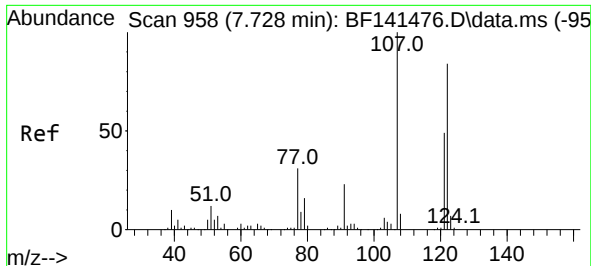
Tgt Ion: 82 Resp: 440694  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.4 9.6  
138 18.1 13.9 20.9



#26  
2-Nitrophenol  
Concen: 40.403 ng  
RT: 7.692 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:139 Resp: 136362  
Ion Ratio Lower Upper  
139 100  
109 32.5 27.0 40.6  
65 55.1 47.1 70.7

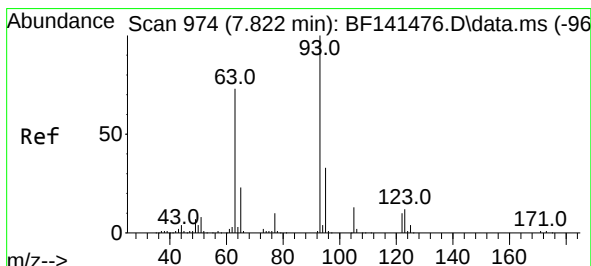
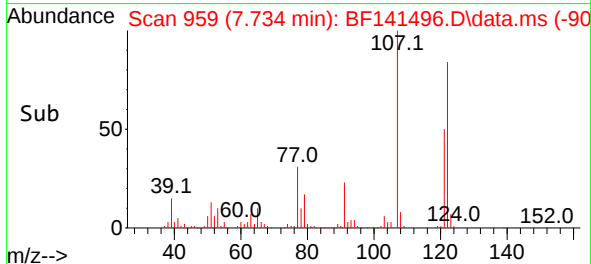
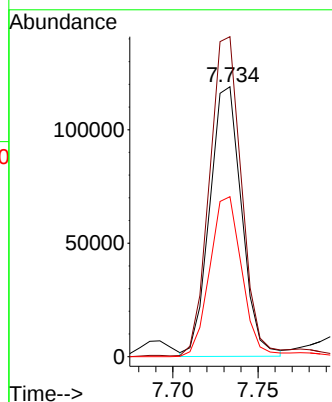
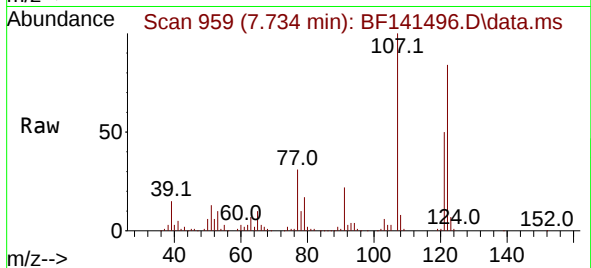




#27  
2,4-Dimethylphenol  
Concen: 39.340 ng  
RT: 7.734 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

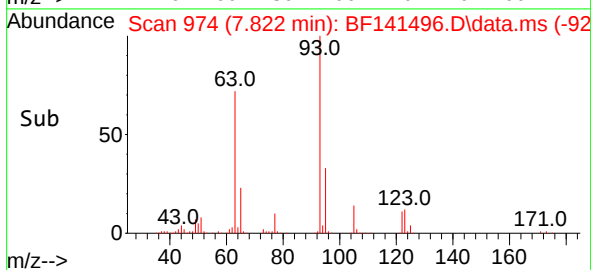
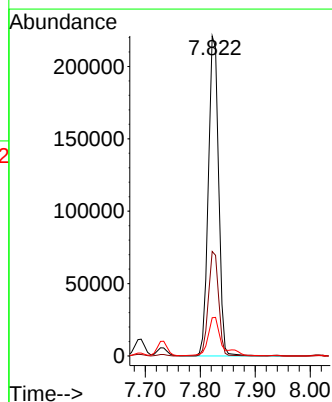
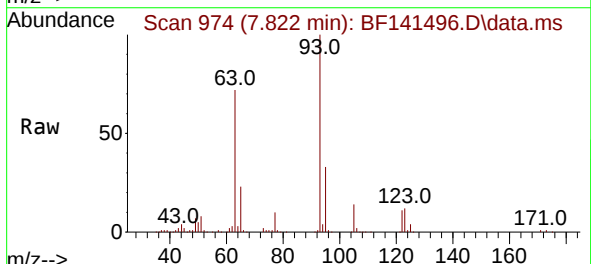
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:122 Resp: 155109  
Ion Ratio Lower Upper  
122 100  
107 118.6 94.3 141.5  
121 59.3 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.243 ng  
RT: 7.822 min Scan# 974  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion: 93 Resp: 286038  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.1 39.1  
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.182 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

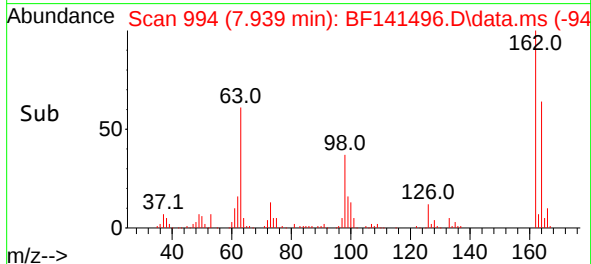
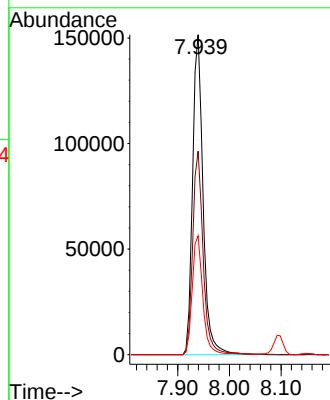
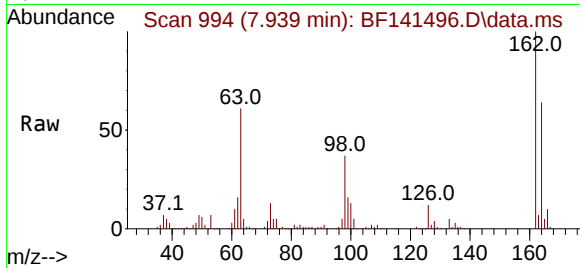
Tgt Ion:162 Resp: 214062

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

98 37.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.253 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

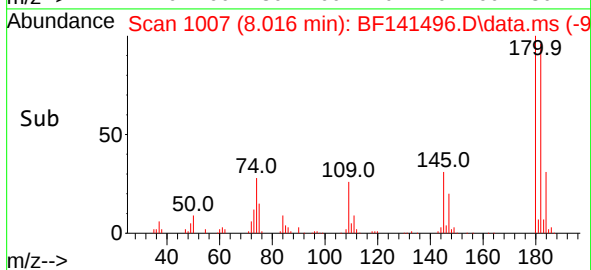
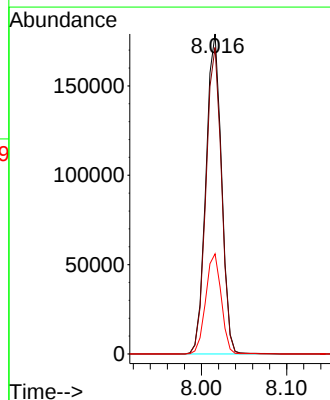
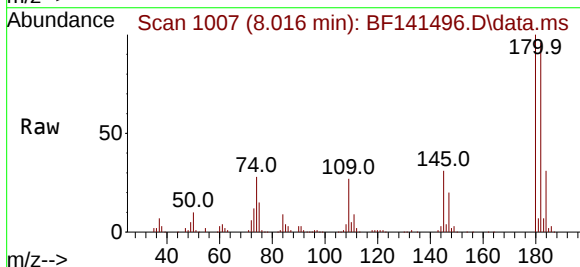
Tgt Ion:180 Resp: 227714

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 31.3 24.2 36.4

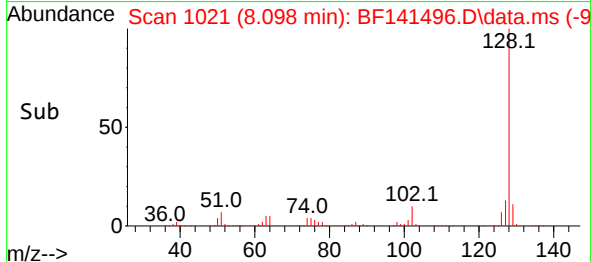
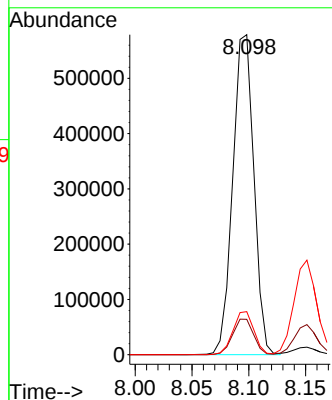
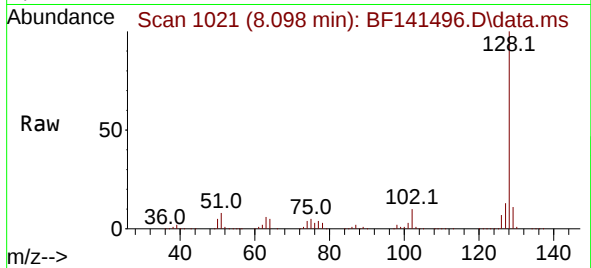




#31  
Naphthalene  
Concen: 39.662 ng  
RT: 8.098 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

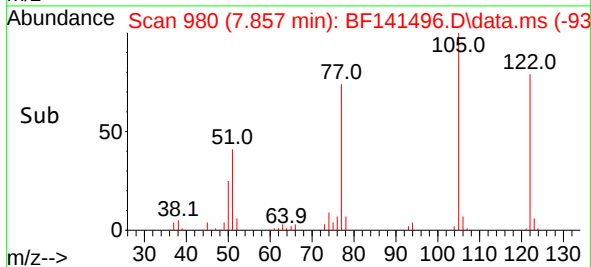
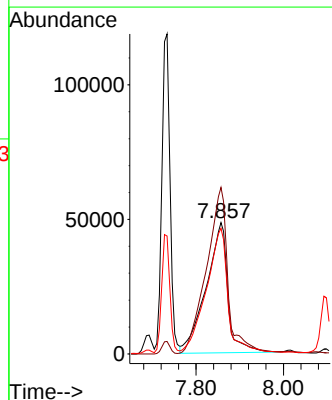
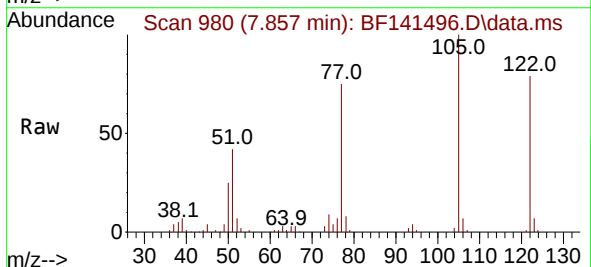
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

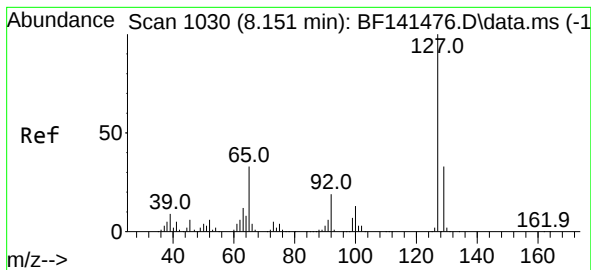
Tgt Ion:128 Resp: 749139  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 40.922 ng  
RT: 7.857 min Scan# 980  
Delta R.T. -0.035 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:122 Resp: 167593  
Ion Ratio Lower Upper  
122 100  
105 126.8 106.5 146.5  
77 95.7 76.3 116.3

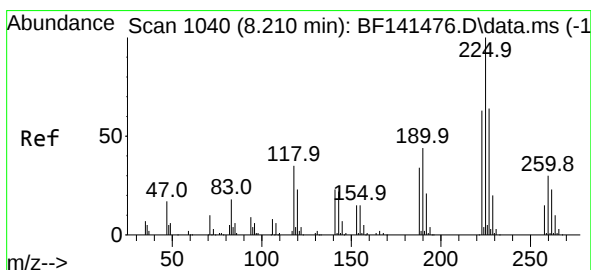
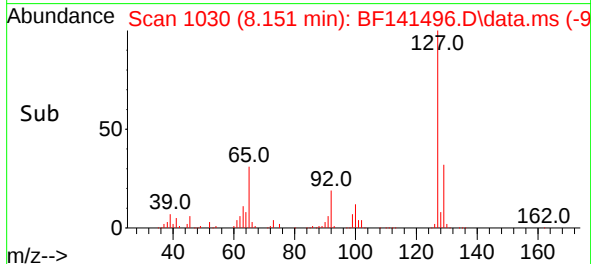
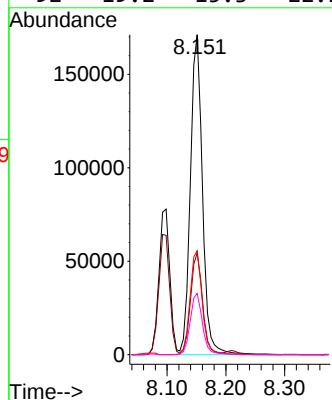
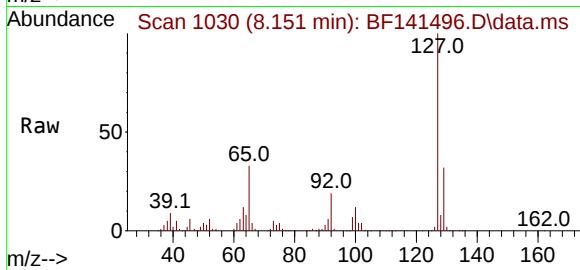




#33  
4-Chloroaniline  
Concen: 37.274 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

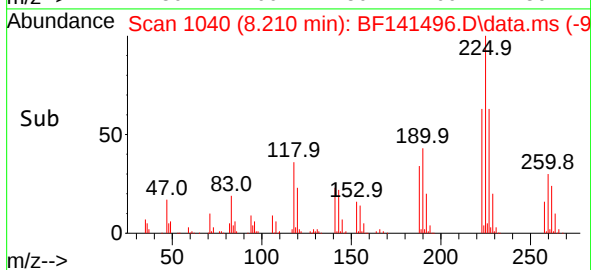
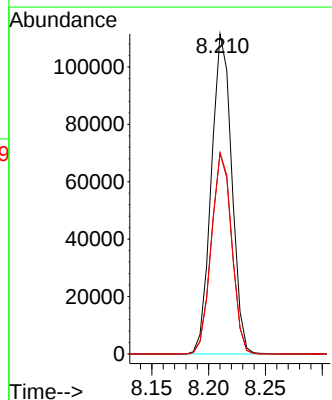
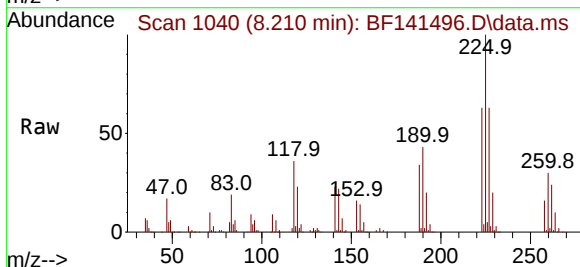
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

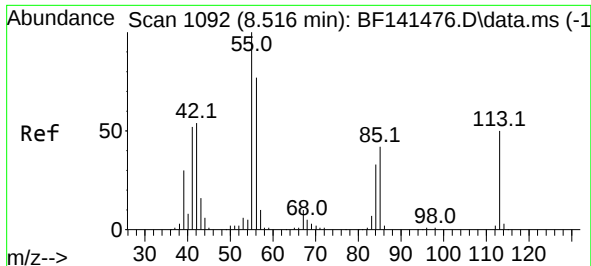
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 245806 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 26.5  | 39.7   |
| 65       | 32.5  | 26.4  | 39.6   |
| 92       | 19.2  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 39.946 ng  
RT: 8.210 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 139120 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.1  | 75.1   |
| 227      | 62.9  | 51.0  | 76.6   |

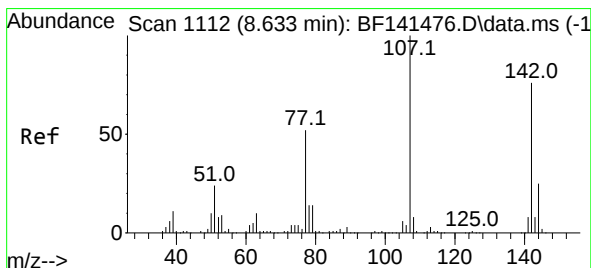
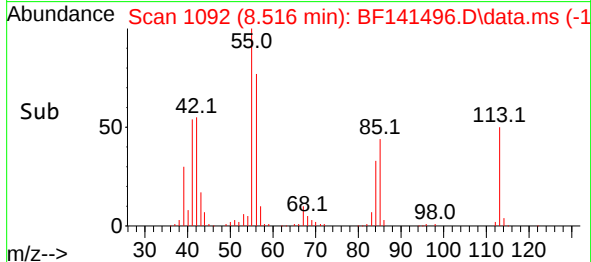
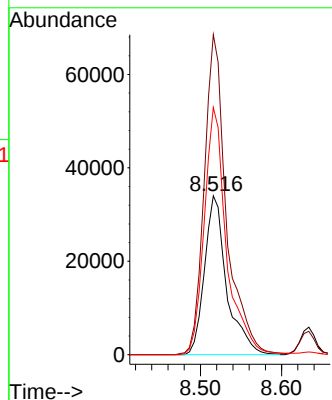
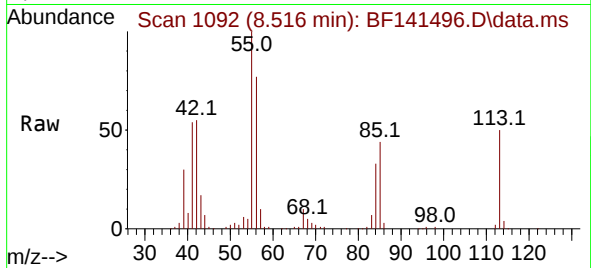




#35  
 Caprolactam  
 Concen: 39.738 ng  
 RT: 8.516 min Scan# 1092  
 Delta R.T. -0.029 min  
 Lab File: BF141496.D  
 Acq: 07 Feb 2025 09:55

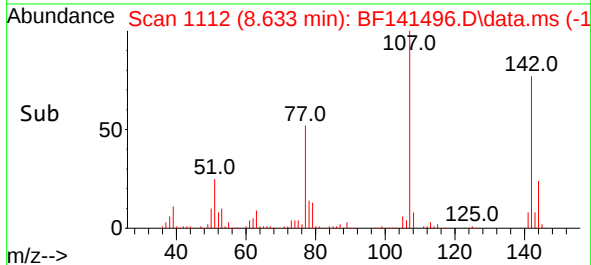
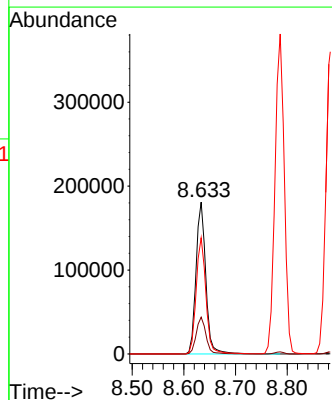
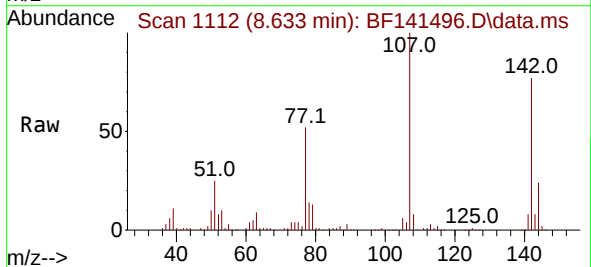
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

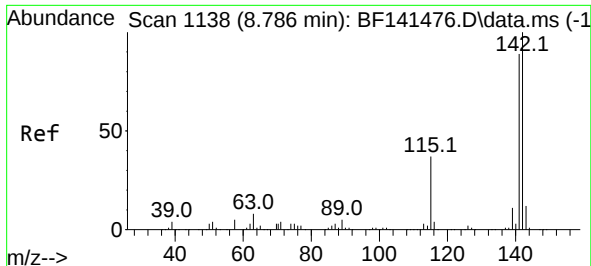
Tgt Ion:113 Resp: 64455  
 Ion Ratio Lower Upper  
 113 100  
 55 201.3 180.8 220.8  
 56 155.5 133.6 173.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.257 ng  
 RT: 8.633 min Scan# 1112  
 Delta R.T. -0.006 min  
 Lab File: BF141496.D  
 Acq: 07 Feb 2025 09:55

Tgt Ion:107 Resp: 237561  
 Ion Ratio Lower Upper  
 107 100  
 144 24.3 19.7 29.5  
 142 76.5 60.8 91.2

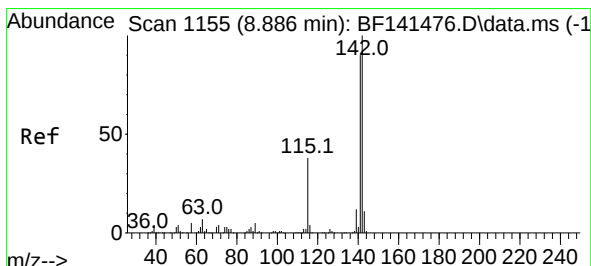
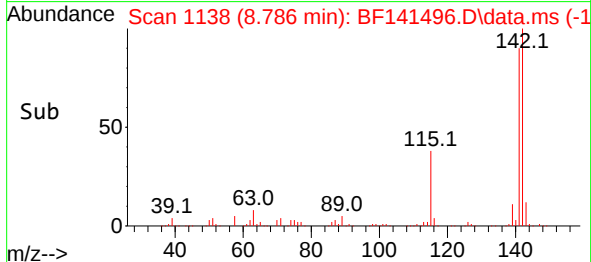
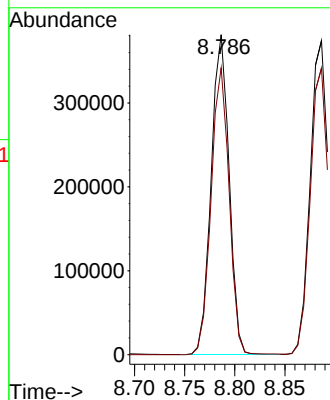
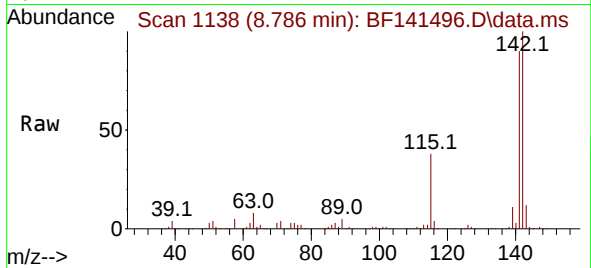




#37  
2-Methylnaphthalene  
Concen: 38.639 ng  
RT: 8.786 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

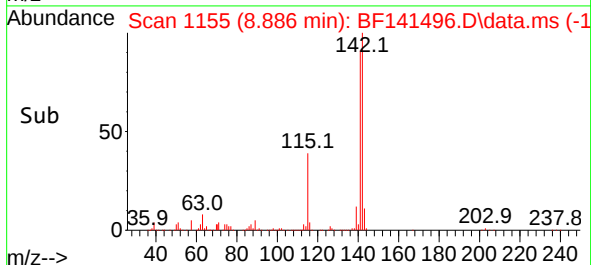
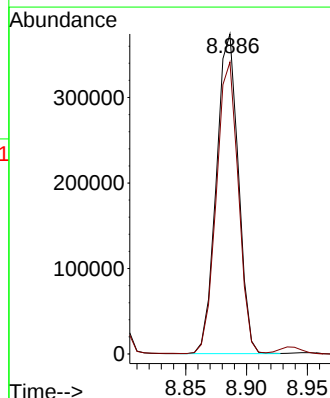
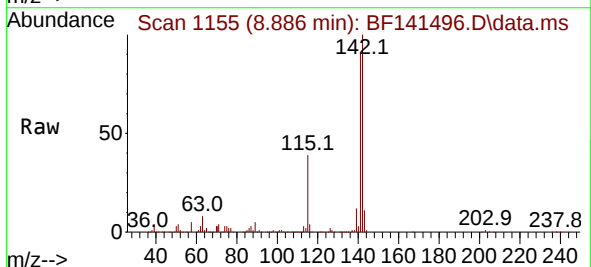
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 474911  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 39.526 ng  
RT: 8.886 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:142 Resp: 470524  
Ion Ratio Lower Upper  
142 100  
141 91.2 72.1 108.1

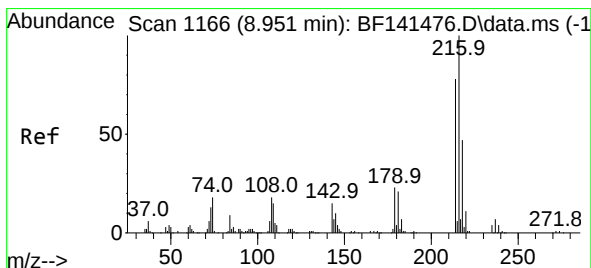
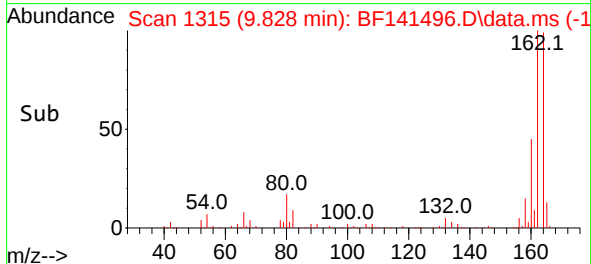
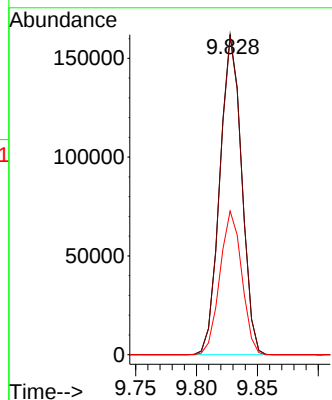
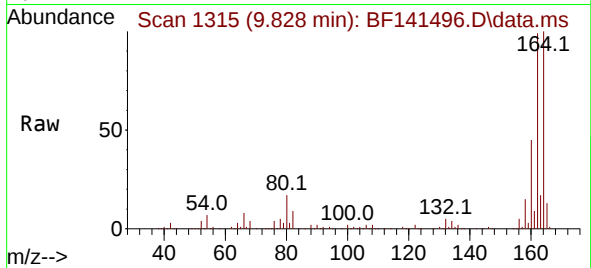




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

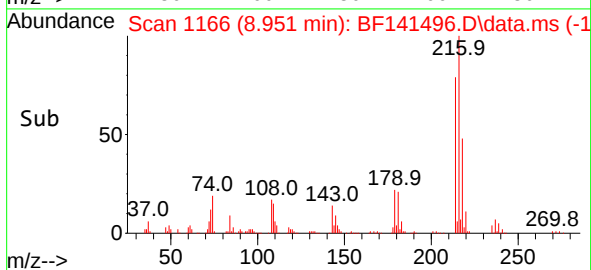
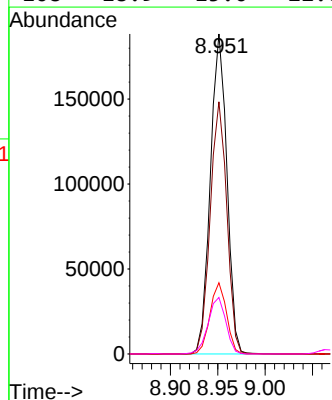
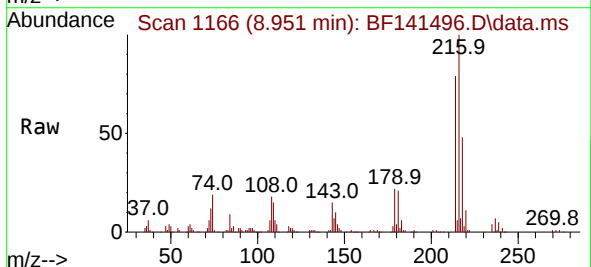
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:164 Resp: 201746  
Ion Ratio Lower Upper  
164 100  
162 99.2 81.3 121.9  
160 44.9 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.077 ng  
RT: 8.951 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:216 Resp: 228084  
Ion Ratio Lower Upper  
216 100  
214 79.2 62.3 93.5  
179 22.2 18.0 27.0  
108 18.9 15.0 22.6

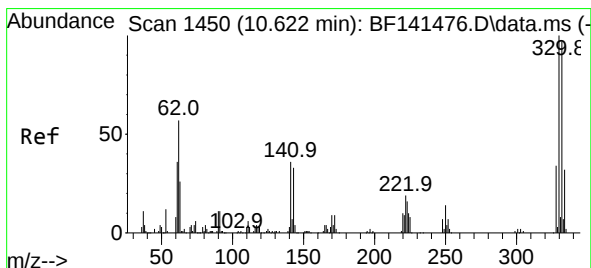
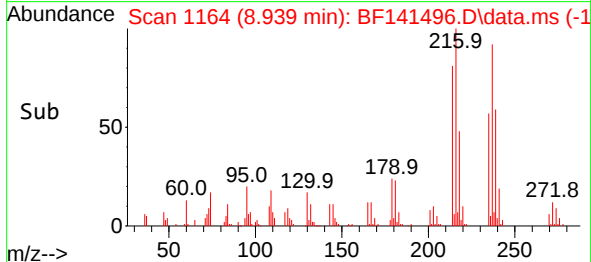
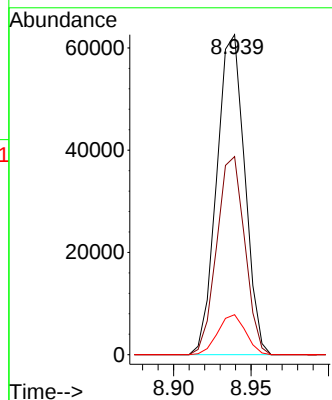
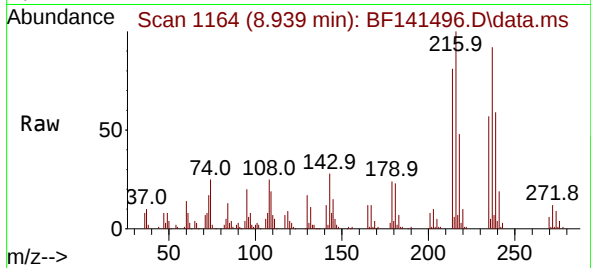




#41  
Hexachlorocyclopentadiene  
Concen: 40.596 ng  
RT: 8.939 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

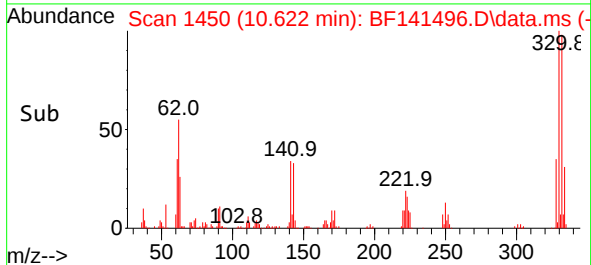
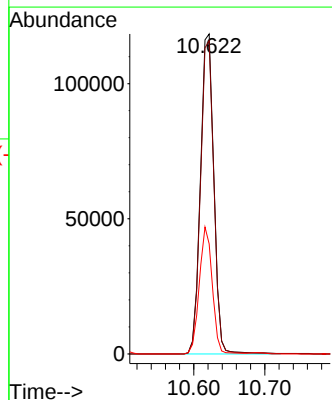
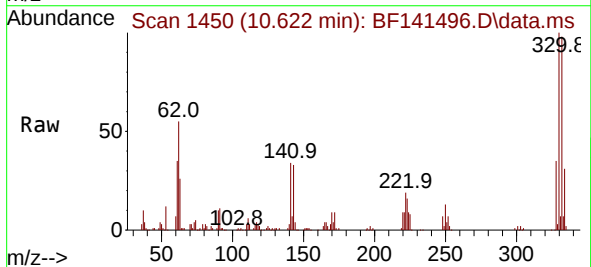
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 78812  
Ion Ratio Lower Upper  
237 100  
235 61.9 41.4 81.4  
272 12.5 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 77.012 ng  
RT: 10.622 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:330 Resp: 156075  
Ion Ratio Lower Upper  
330 100  
332 97.3 78.5 117.7  
141 38.3 31.0 46.4

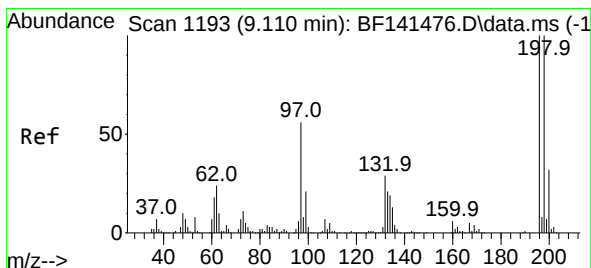
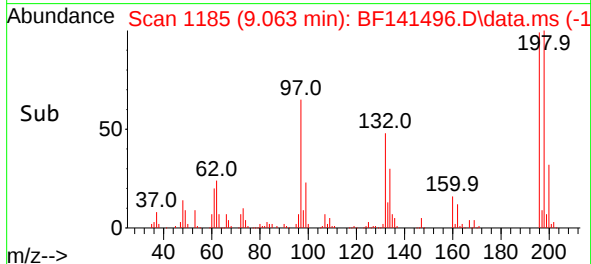
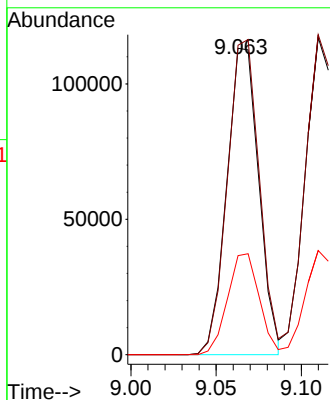
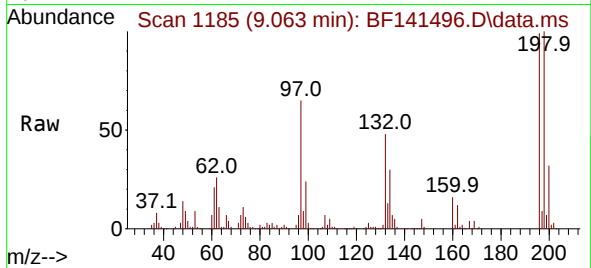




#43  
2,4,6-Trichlorophenol  
Concen: 39.391 ng  
RT: 9.063 min Scan# 1185  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

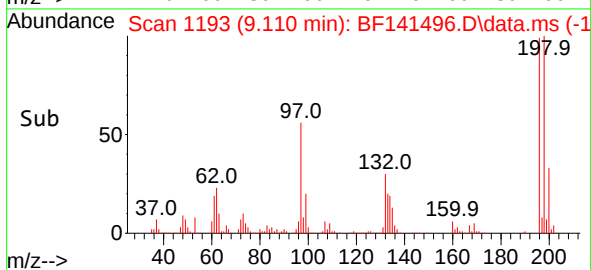
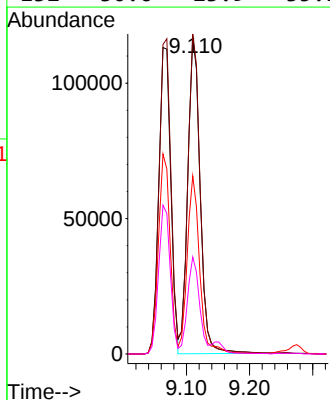
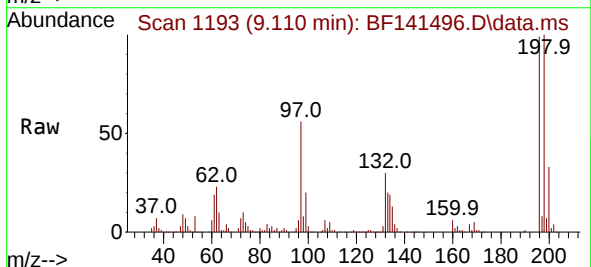
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

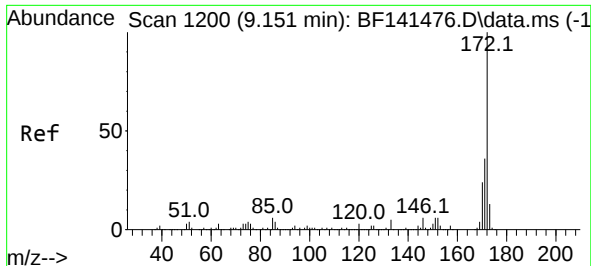
Tgt Ion:196 Resp: 148599  
Ion Ratio Lower Upper  
196 100  
198 101.0 80.6 121.0  
200 32.3 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 39.107 ng  
RT: 9.110 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:196 Resp: 159885  
Ion Ratio Lower Upper  
196 100  
198 100.9 79.8 119.8  
97 56.1 44.8 67.2  
132 30.6 23.9 35.9

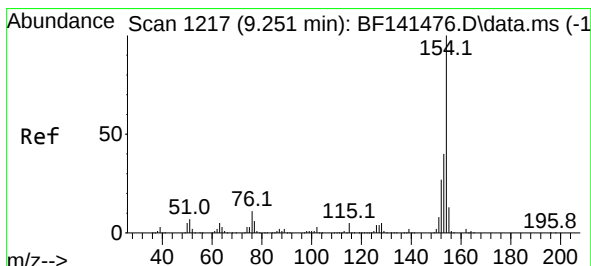
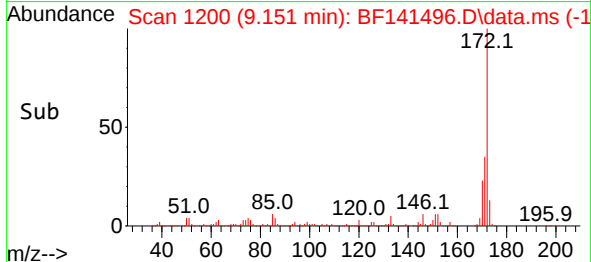
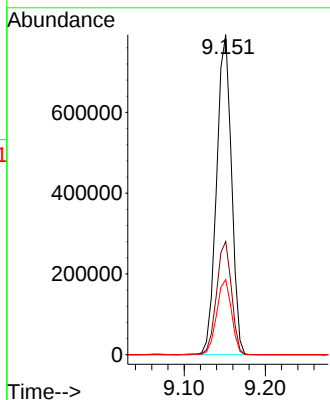
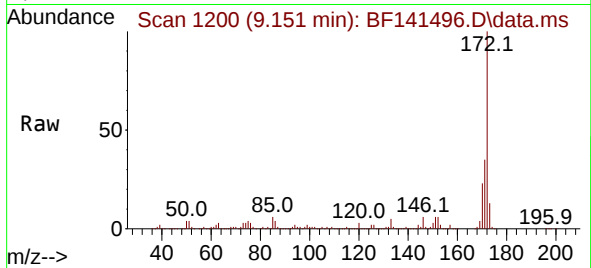




#45  
2-Fluorobiphenyl  
Concen: 77.217 ng  
RT: 9.151 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

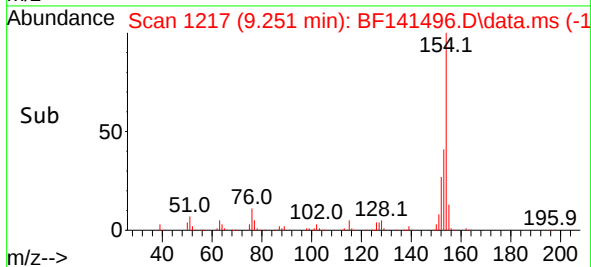
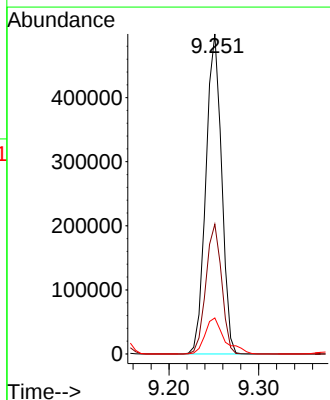
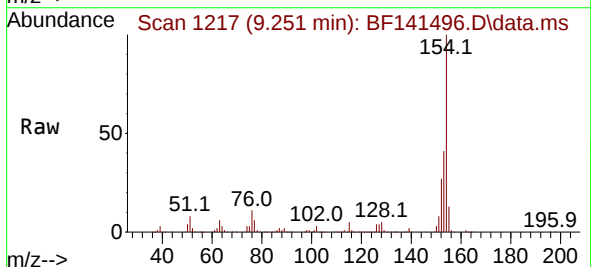
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

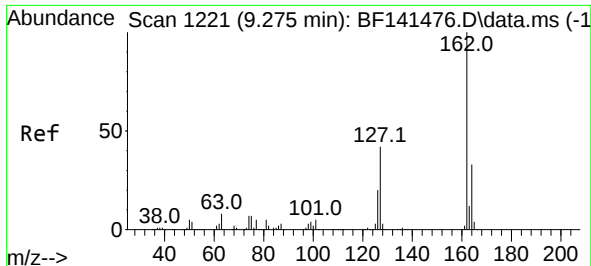
Tgt Ion:172 Resp: 1011149  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.7 43.1  
170 23.4 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 38.820 ng  
RT: 9.251 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:154 Resp: 607180  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.4 60.4  
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.023 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

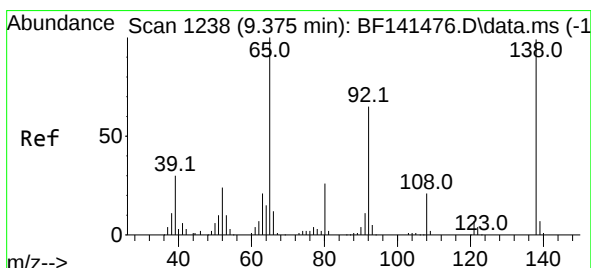
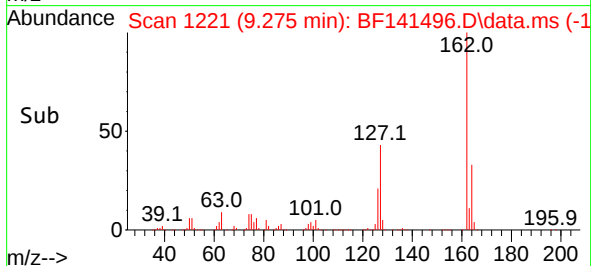
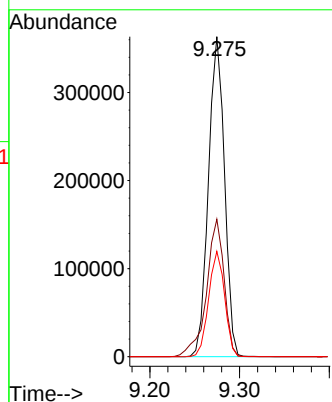
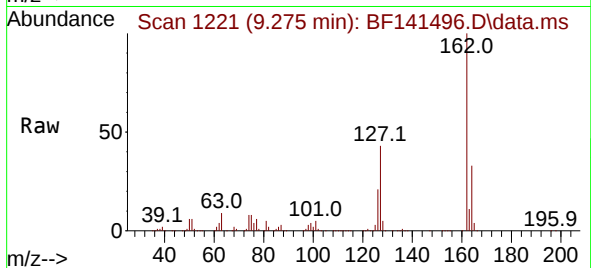
Tgt Ion:162 Resp: 451337

Ion Ratio Lower Upper

162 100

127 43.0 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 39.170 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

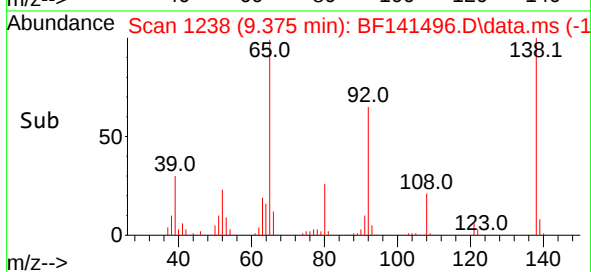
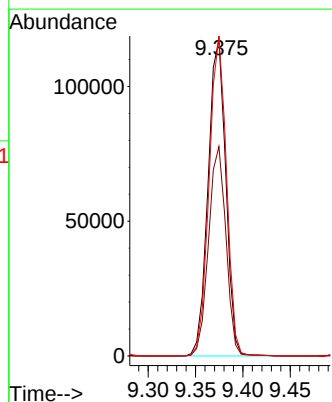
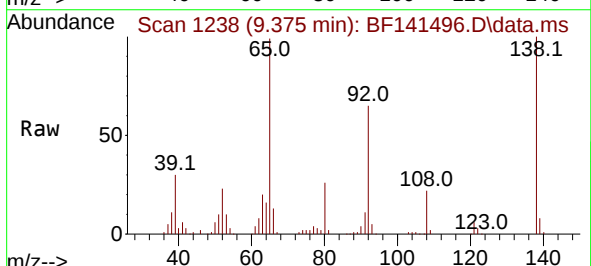
Tgt Ion: 65 Resp: 152041

Ion Ratio Lower Upper

65 100

92 66.2 52.2 78.2

138 101.1 79.5 119.3





#49

Acenaphthylene

Concen: 39.277 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

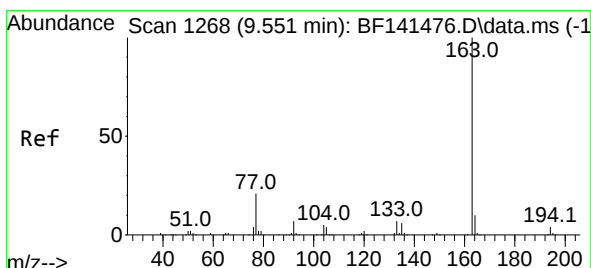
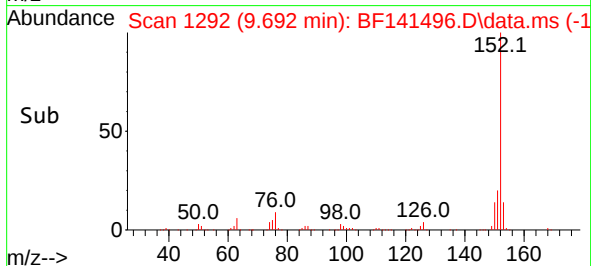
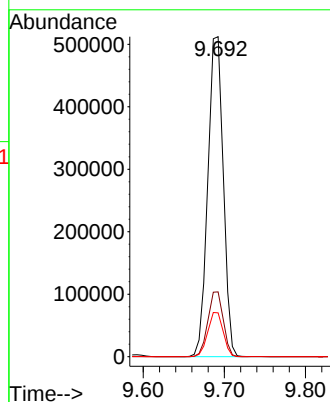
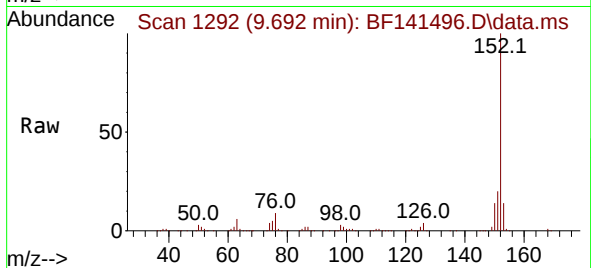
Tgt Ion:152 Resp: 675685

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 38.693 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

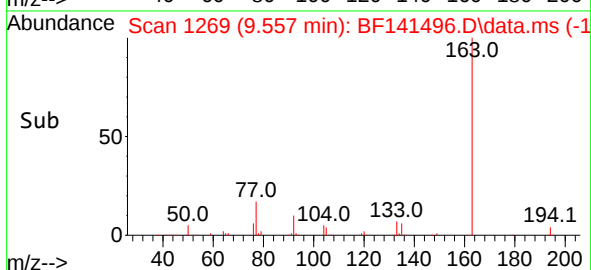
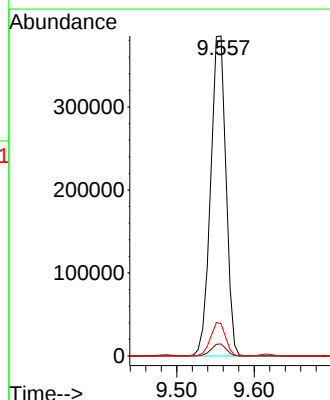
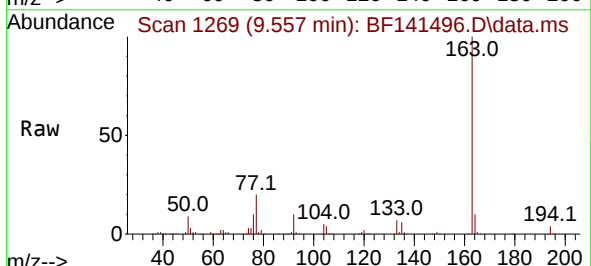
Tgt Ion:163 Resp: 529941

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.1 7.9 11.9

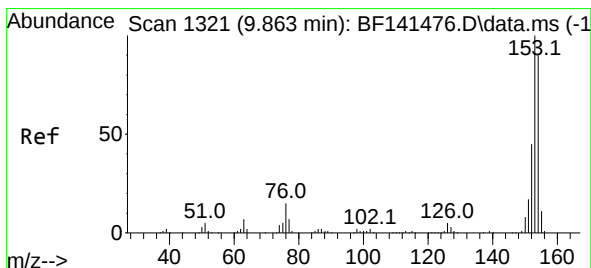
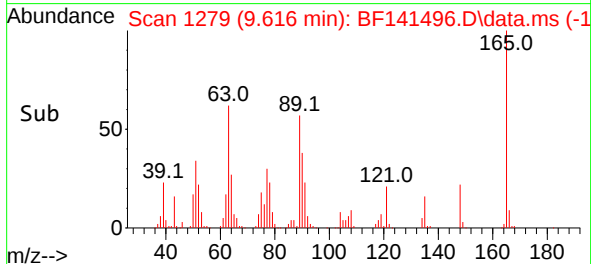
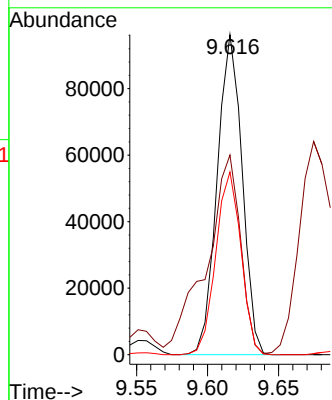
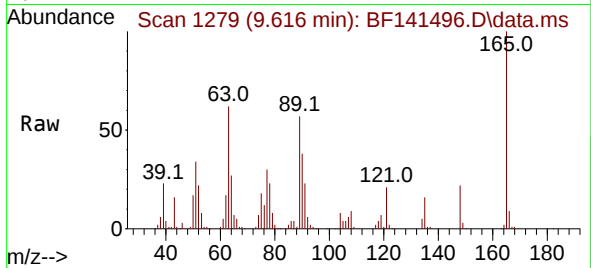




#51  
2,6-Dinitrotoluene  
Concen: 39.208 ng  
RT: 9.616 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

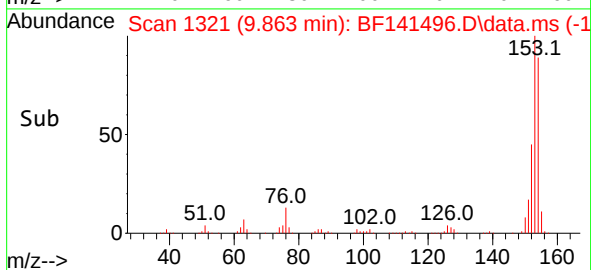
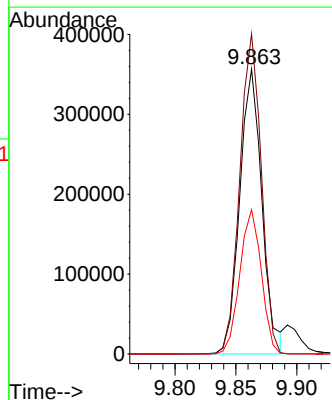
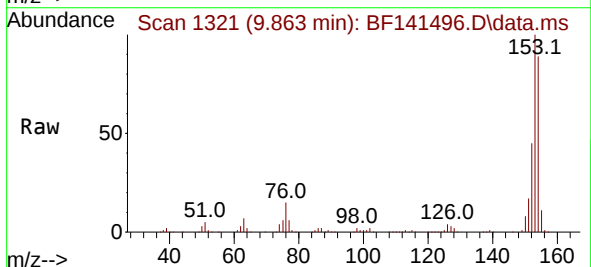
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

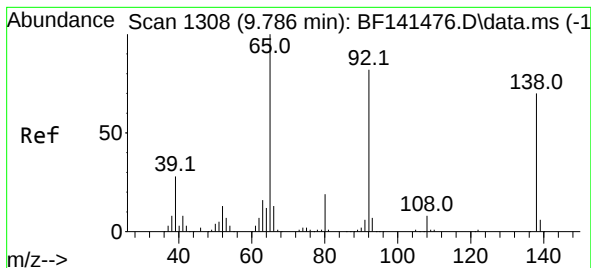
Tgt Ion:165 Resp: 117389  
Ion Ratio Lower Upper  
165 100  
63 62.4 49.4 74.0  
89 57.1 46.5 69.7



#52  
Acenaphthene  
Concen: 39.152 ng  
RT: 9.863 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:154 Resp: 452808  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.2 133.8  
152 50.6 39.8 59.8





#53

3-Nitroaniline

Concen: 38.948 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

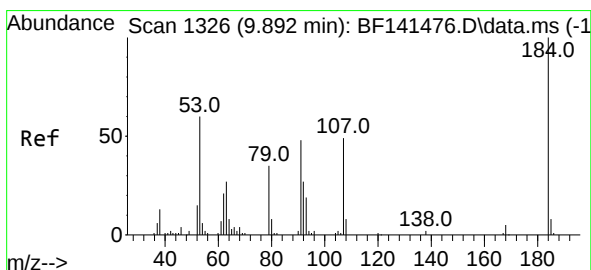
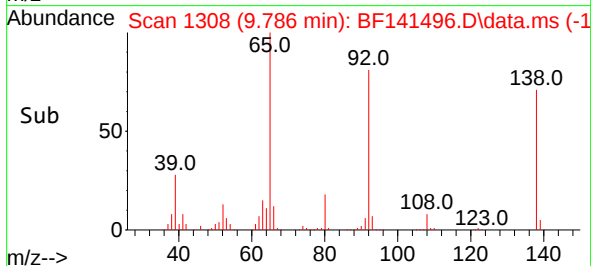
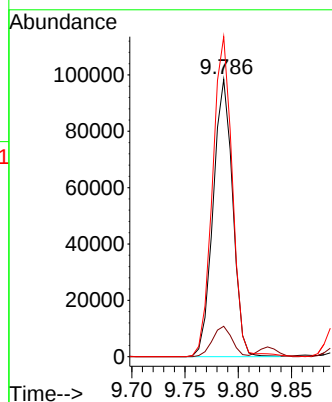
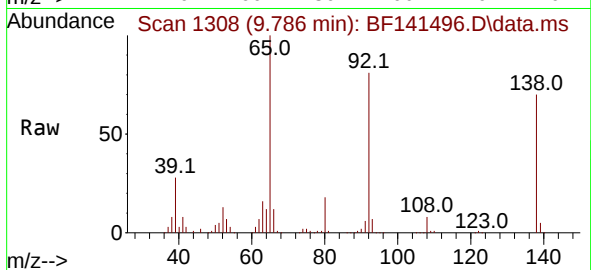
Tgt Ion:138 Resp: 125508

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

92 115.4 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 38.007 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

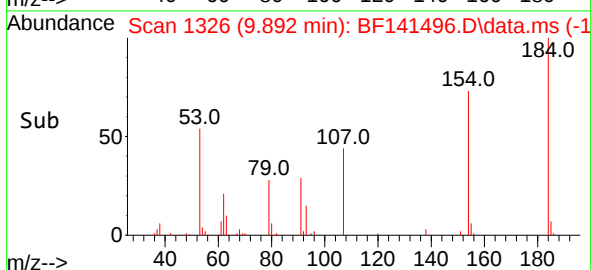
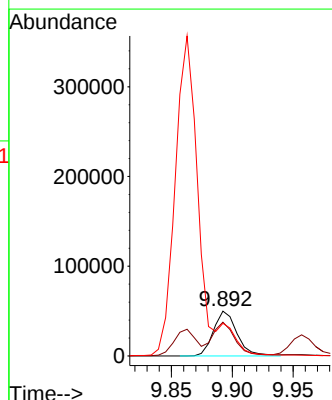
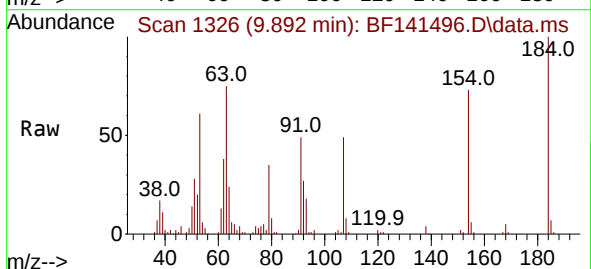
Tgt Ion:184 Resp: 67632

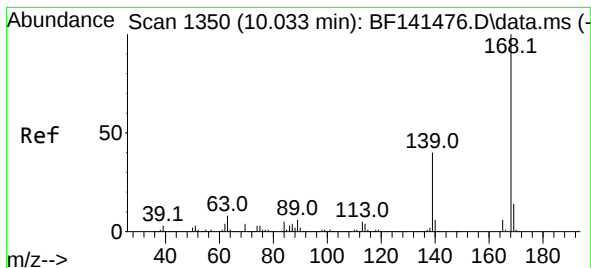
Ion Ratio Lower Upper

184 100

63 75.2 61.0 91.6

154 72.7 59.9 89.9





#55

Dibenzenofuran

Concen: 38.916 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

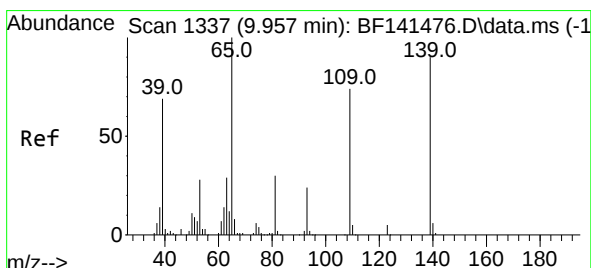
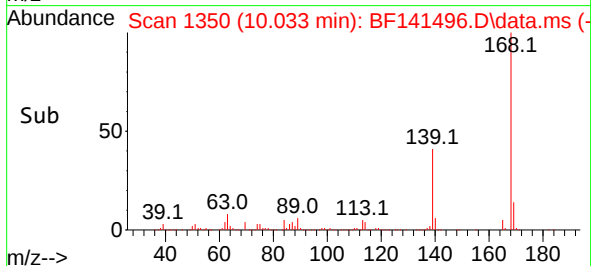
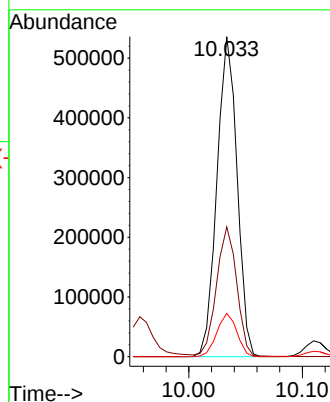
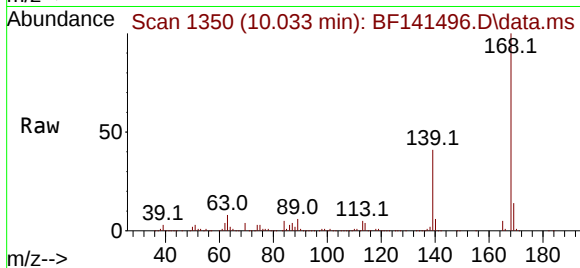
Tgt Ion:168 Resp: 660638

Ion Ratio Lower Upper

168 100

139 40.5 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.291 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

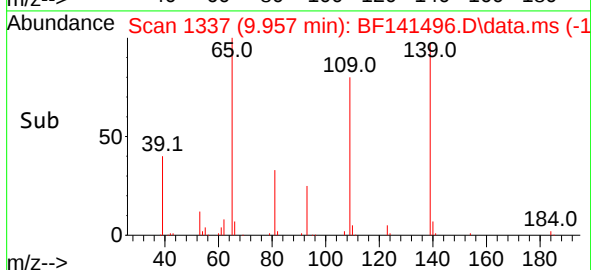
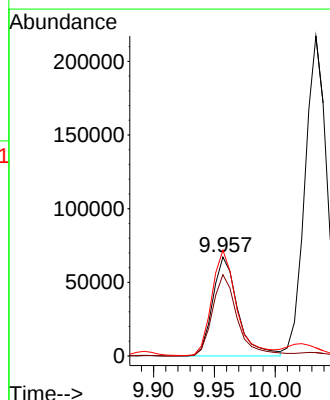
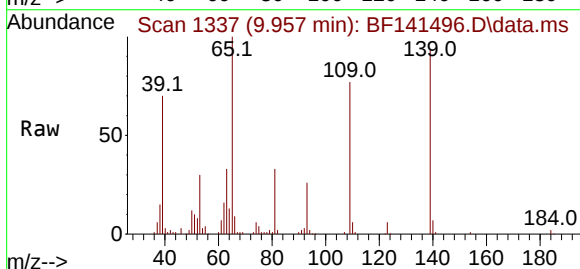
Tgt Ion:139 Resp: 96383

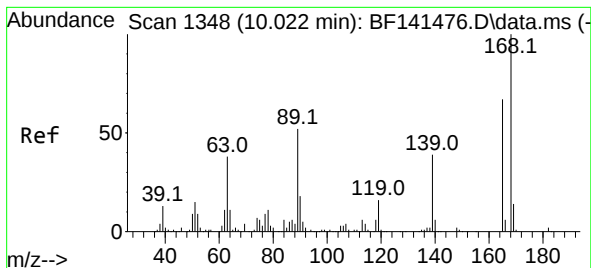
Ion Ratio Lower Upper

139 100

109 82.2 62.0 102.0

65 107.0 91.2 131.2

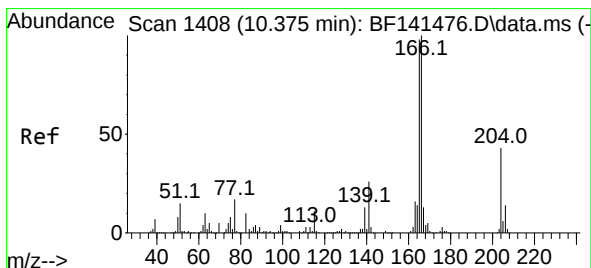
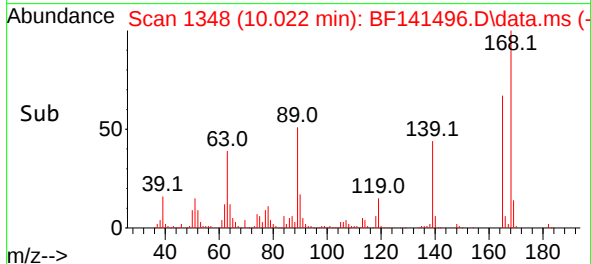
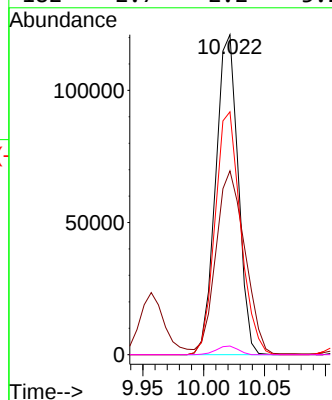
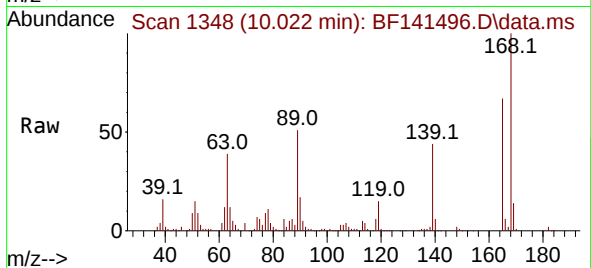




#57  
2,4-Dinitrotoluene  
Concen: 38.963 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

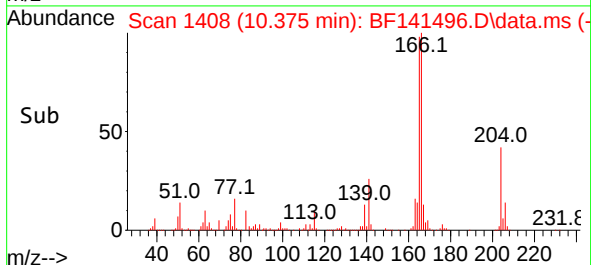
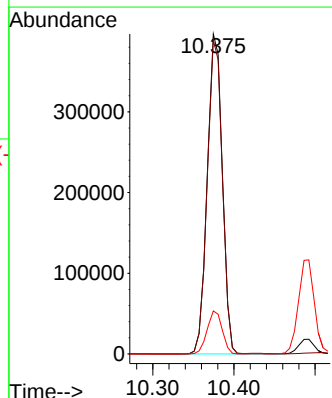
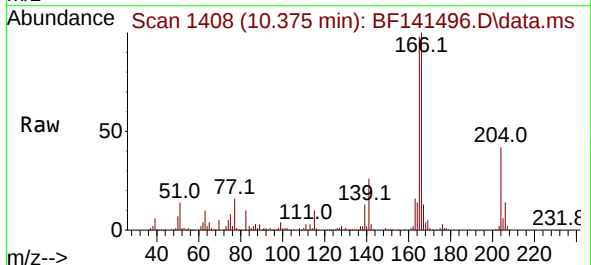
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 155299  
Ion Ratio Lower Upper  
165 100  
63 57.5 46.4 69.6  
89 75.9 61.8 92.6  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 38.787 ng  
RT: 10.375 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:166 Resp: 509117  
Ion Ratio Lower Upper  
166 100  
165 98.2 78.2 117.2  
167 13.5 10.7 16.1

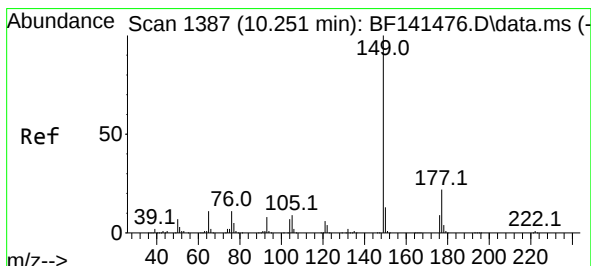
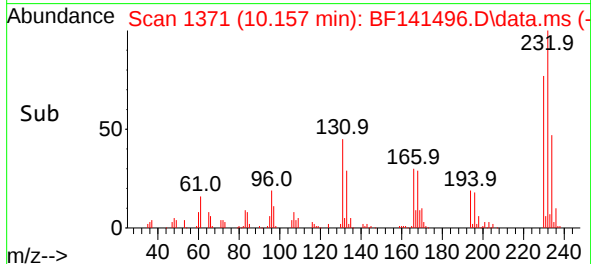
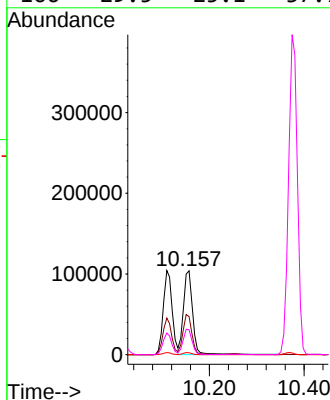
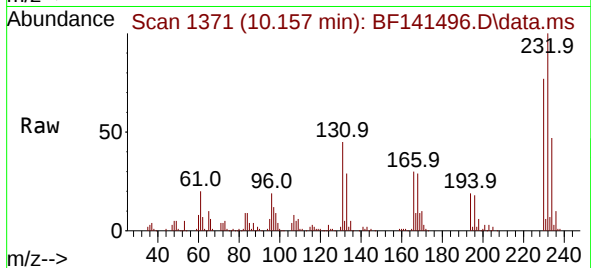




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.721 ng  
RT: 10.157 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

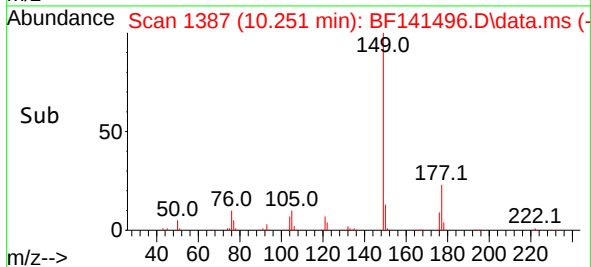
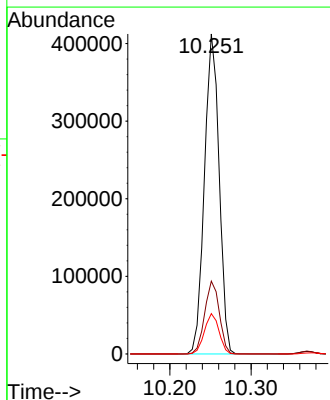
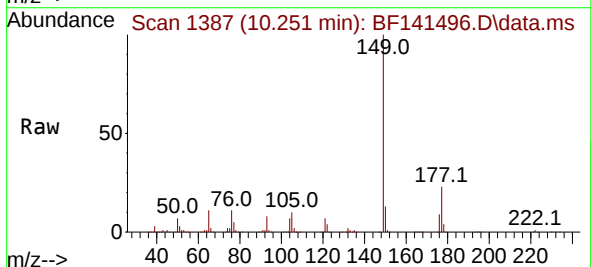
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

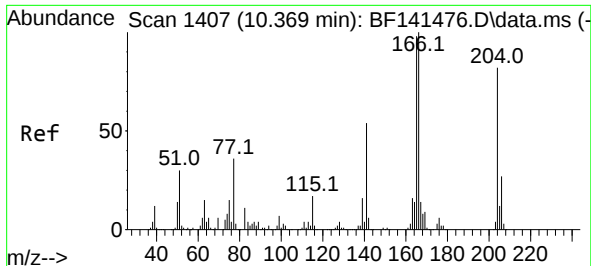
Tgt Ion:232 Resp: 139813  
Ion Ratio Lower Upper  
232 100  
131 46.4 39.2 58.8  
130 2.4 2.1 3.1  
166 29.5 25.1 37.7



#60  
Diethylphthalate  
Concen: 38.386 ng  
RT: 10.251 min Scan# 1387  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:149 Resp: 517267  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.8 26.6  
150 12.6 10.1 15.1

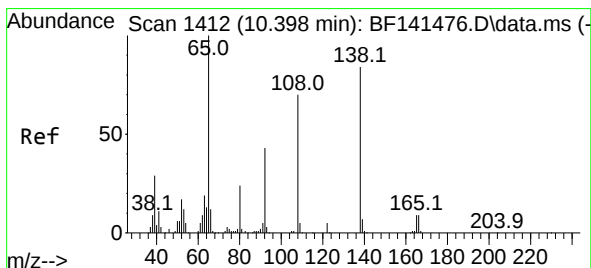
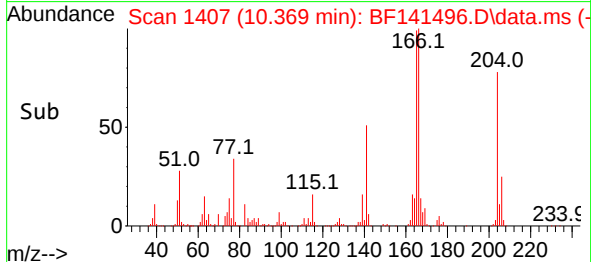
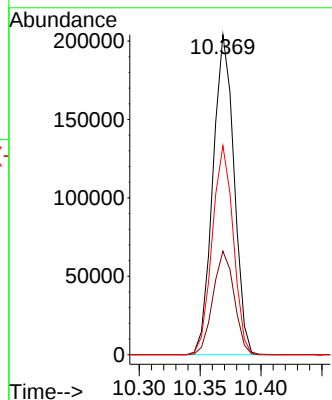
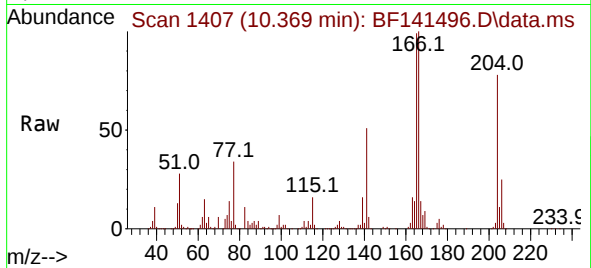




#61  
4-Chlorophenyl-phenylether  
Concen: 39.042 ng  
RT: 10.369 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

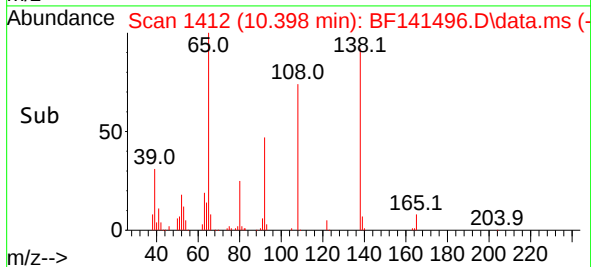
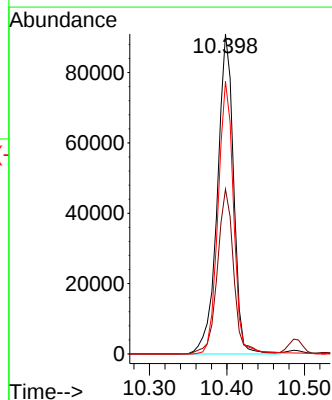
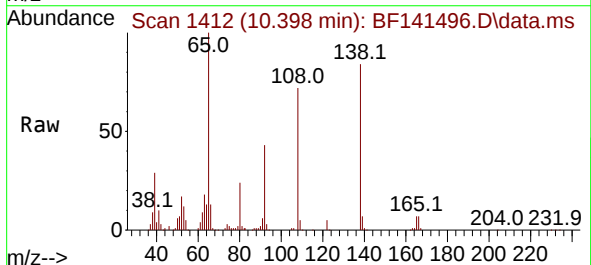
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

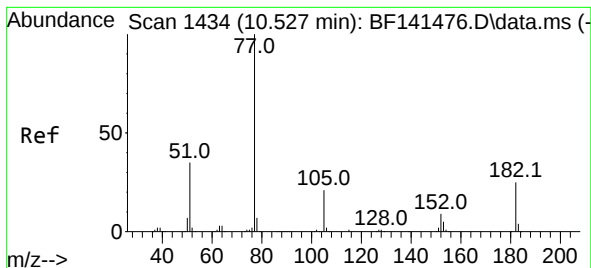
Tgt Ion:204 Resp: 246536  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.6 40.0  
141 65.3 51.9 77.9



#62  
4-Nitroaniline  
Concen: 40.480 ng  
RT: 10.398 min Scan# 1412  
Delta R.T. -0.018 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:138 Resp: 132456  
Ion Ratio Lower Upper  
138 100  
92 51.5 31.3 71.3  
108 85.2 63.7 103.7





#63

Azobenzene

Concen: 39.094 ng

RT: 10.527 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 523713

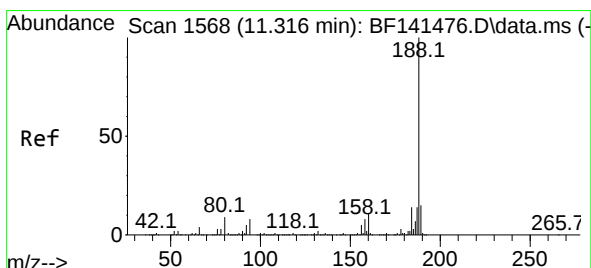
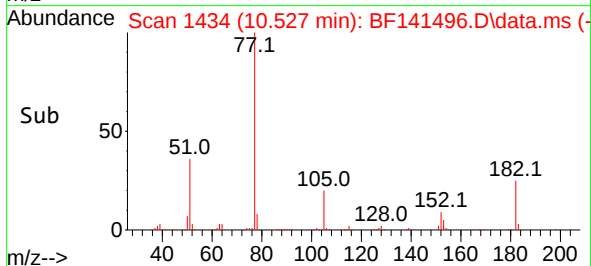
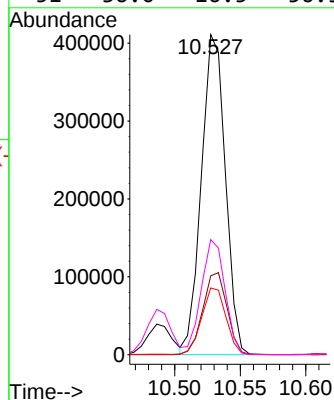
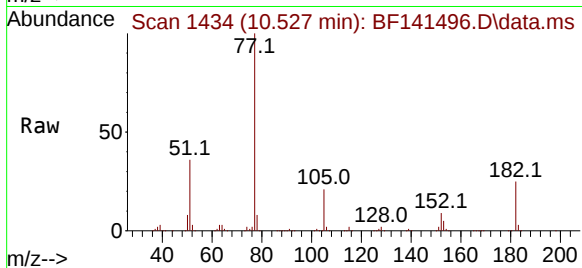
Ion Ratio Lower Upper

77 100

182 24.6 4.7 44.7

105 20.8 0.4 40.4

51 36.0 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

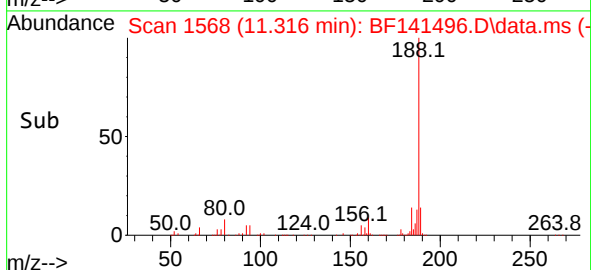
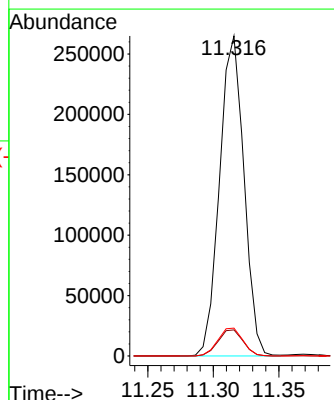
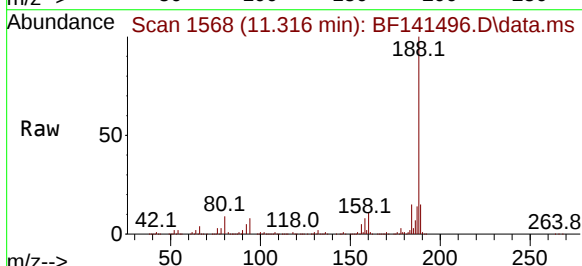
Tgt Ion: 188 Resp: 342006

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 8.7 7.3 10.9

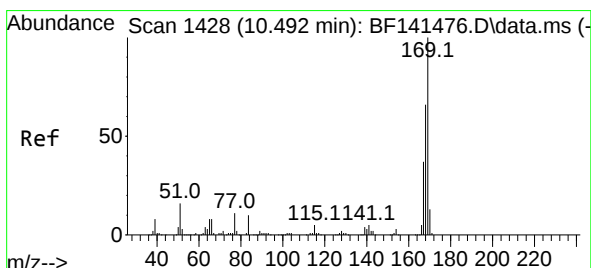
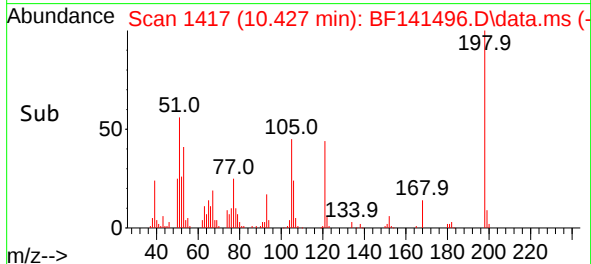
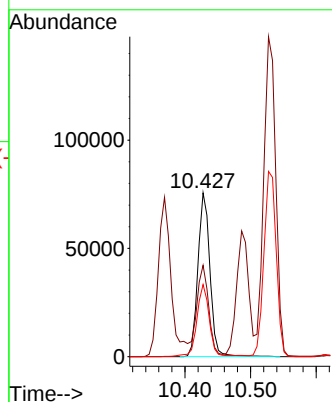
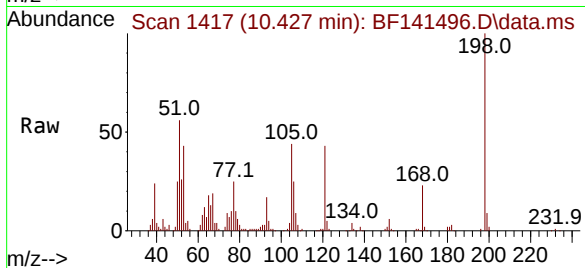




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.751 ng  
RT: 10.427 min Scan# 1417  
Delta R.T. -0.012 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

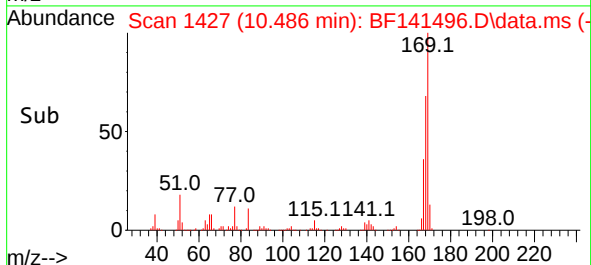
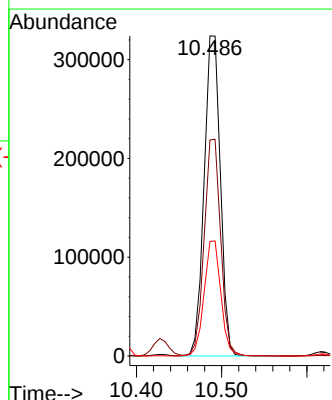
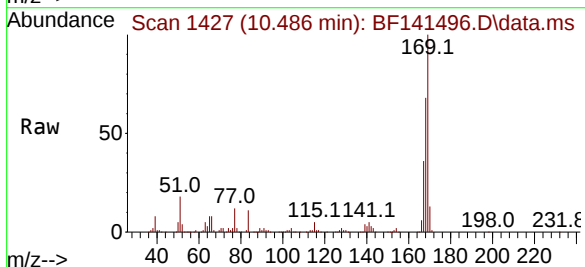
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

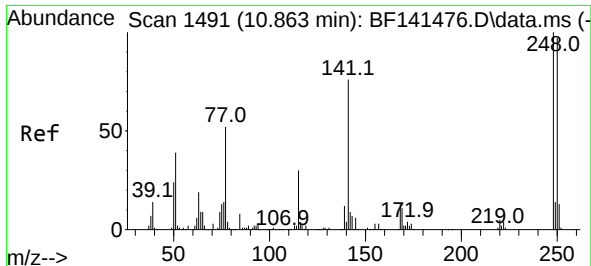
Tgt Ion:198 Resp: 96815  
Ion Ratio Lower Upper  
198 100  
51 55.7 37.4 77.4  
105 44.0 25.2 65.2



#66  
n-Nitrosodiphenylamine  
Concen: 39.213 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.012 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:169 Resp: 429297  
Ion Ratio Lower Upper  
169 100  
168 67.5 53.3 79.9  
167 35.8 29.4 44.2





#67

4-Bromophenyl-phenylether

Concen: 40.083 ng

RT: 10.857 min Scan# 1490

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

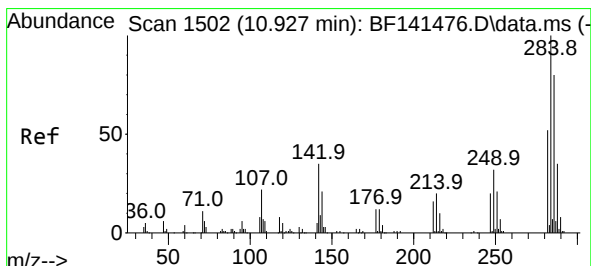
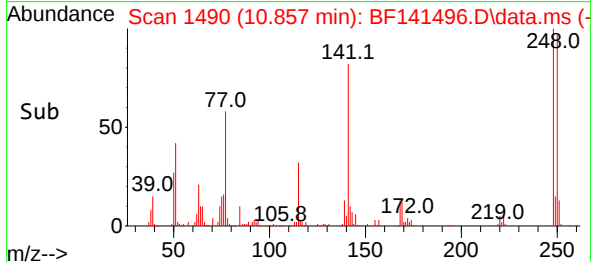
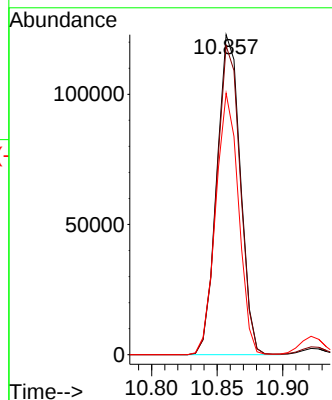
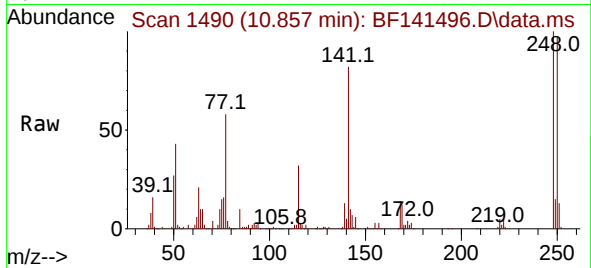
Tgt Ion:248 Resp: 153212

Ion Ratio Lower Upper

248 100

250 96.5 77.8 116.6

141 81.7 60.6 90.8



#68

Hexachlorobenzene

Concen: 39.795 ng

RT: 10.922 min Scan# 1501

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

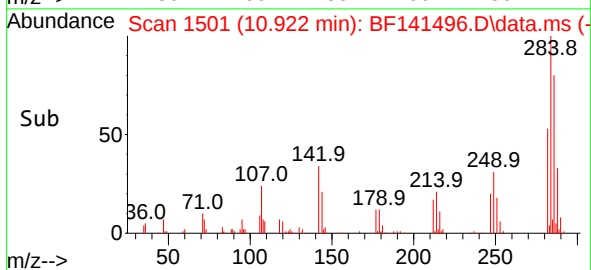
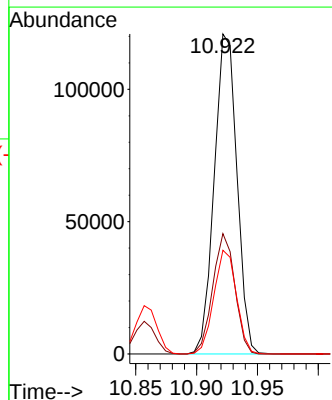
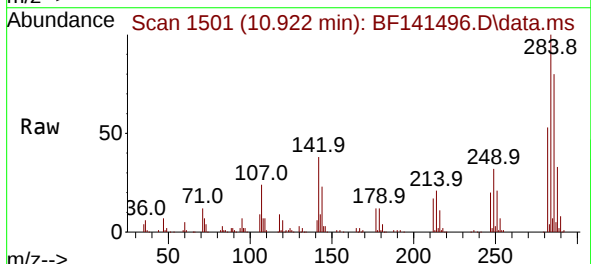
Tgt Ion:284 Resp: 156634

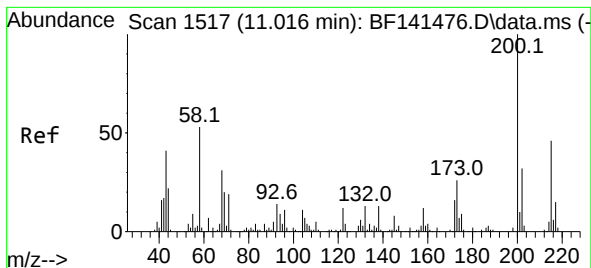
Ion Ratio Lower Upper

284 100

142 37.6 28.0 42.0

249 32.4 25.8 38.8





#69

Atrazine

Concen: 38.536 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

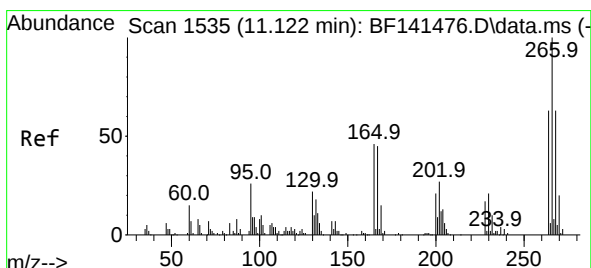
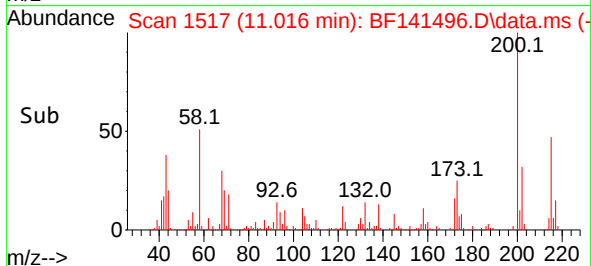
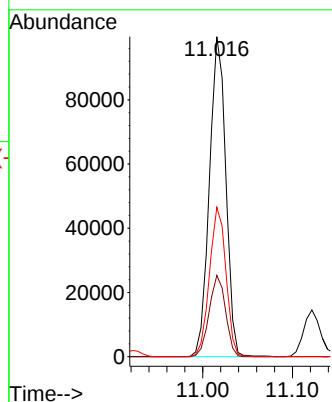
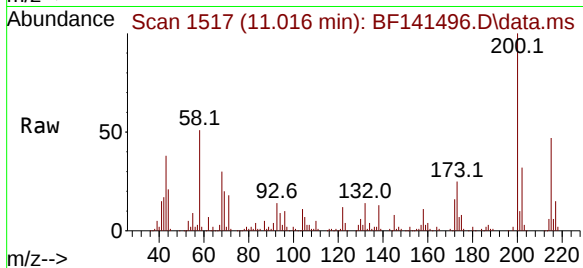
Tgt Ion:200 Resp: 126566

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 46.7 25.9 65.9



#70

Pentachlorophenol

Concen: 41.160 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

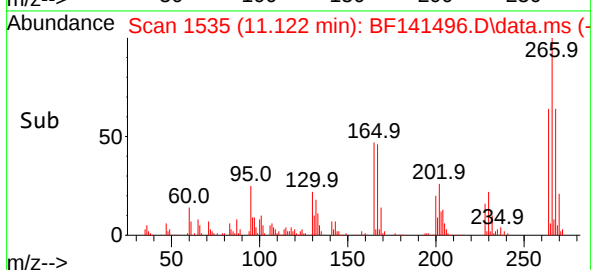
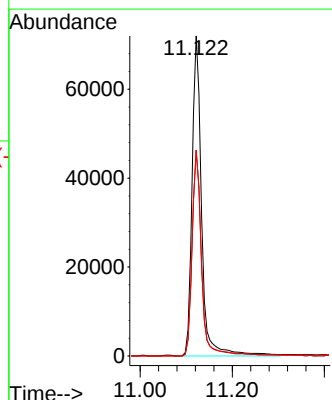
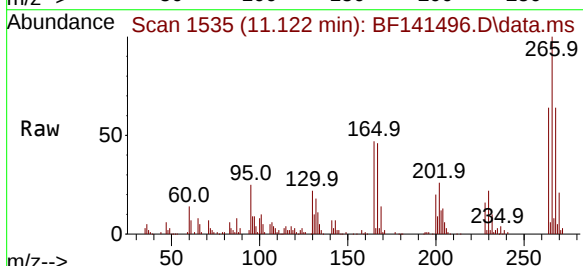
Tgt Ion:266 Resp: 103590

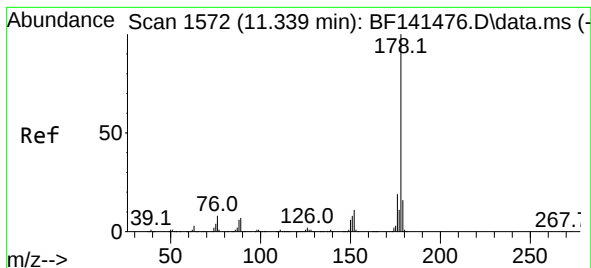
Ion Ratio Lower Upper

266 100

268 64.2 50.1 75.1

264 64.3 50.1 75.1





#71

Phenanthrene

Concen: 39.052 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

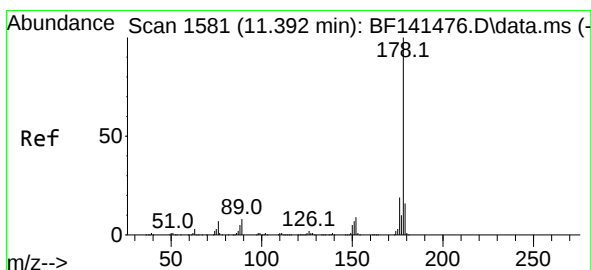
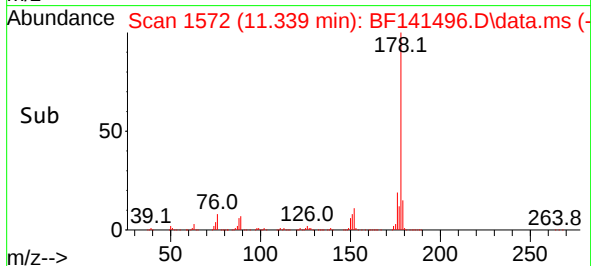
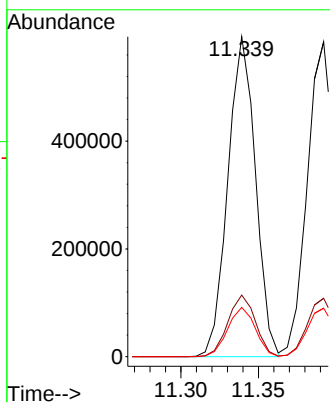
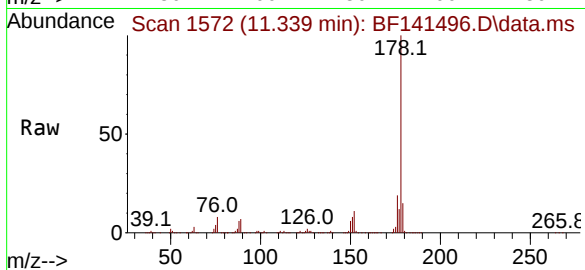
Tgt Ion:178 Resp: 735189

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 39.135 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

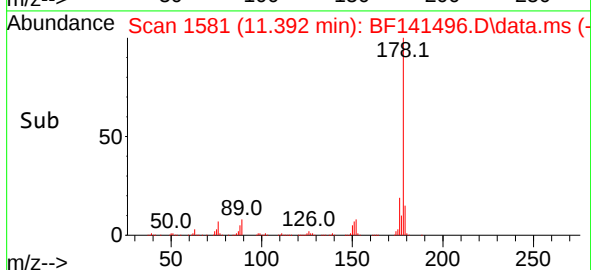
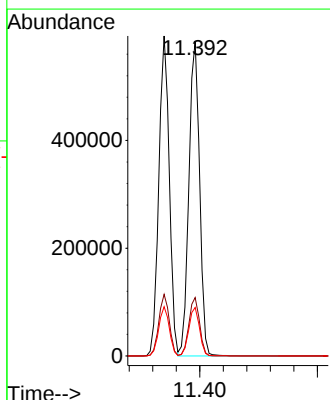
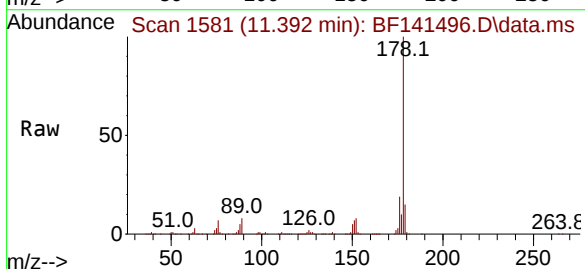
Tgt Ion:178 Resp: 740620

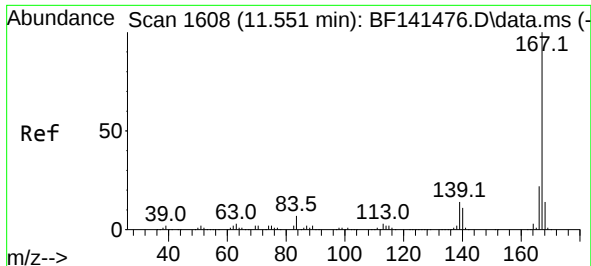
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.4 12.4 18.6

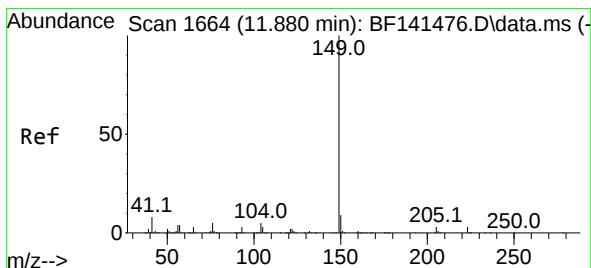
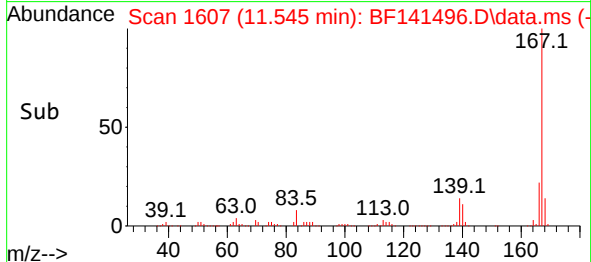
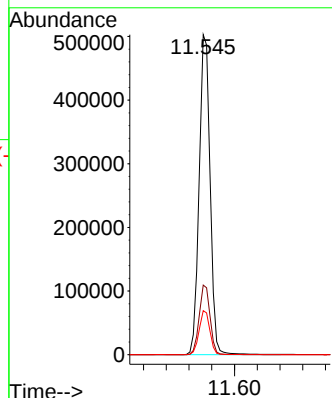
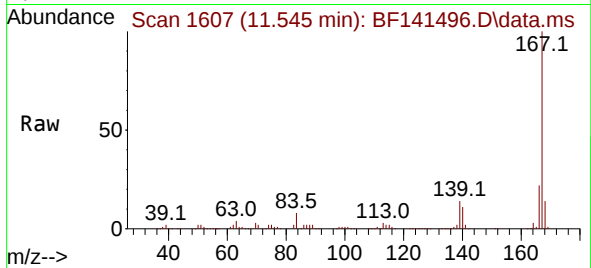




#73  
Carbazole  
Concen: 39.680 ng  
RT: 11.545 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

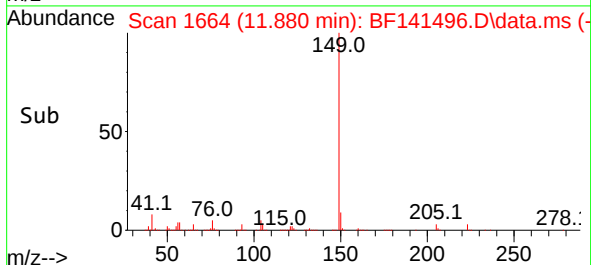
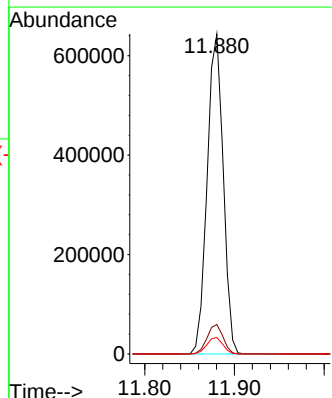
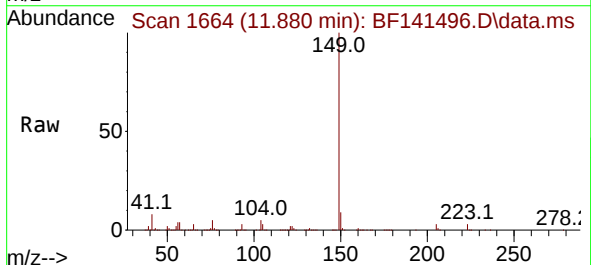
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

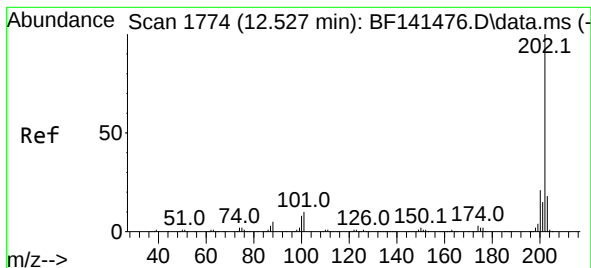
Tgt Ion:167 Resp: 675674  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.4 26.2  
139 13.8 10.9 16.3



#74  
Di-n-butylphthalate  
Concen: 40.620 ng  
RT: 11.880 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:149 Resp: 798668  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 40.384 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

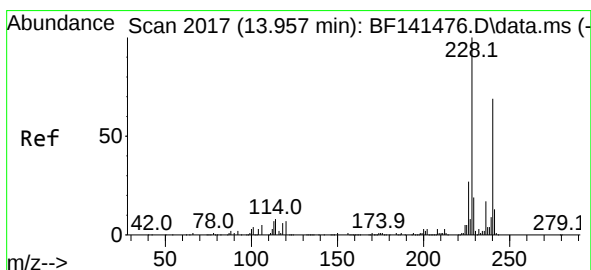
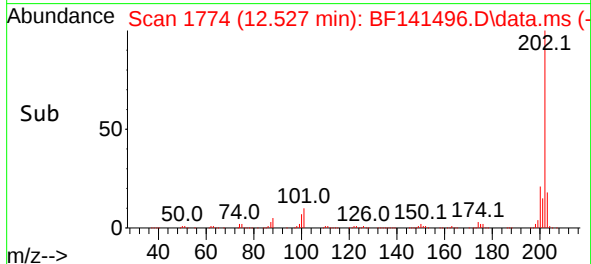
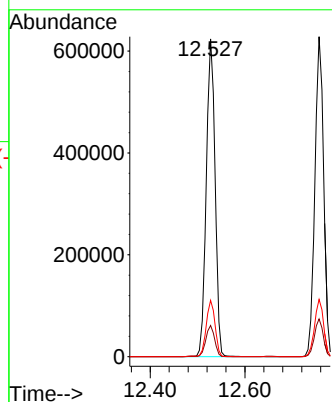
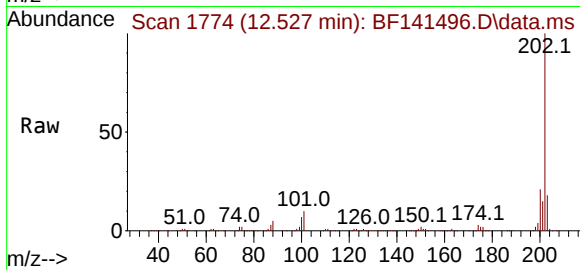
Tgt Ion:202 Resp: 806032

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

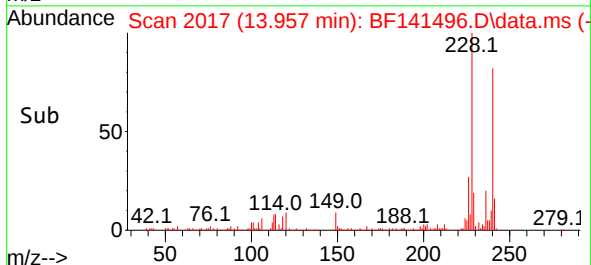
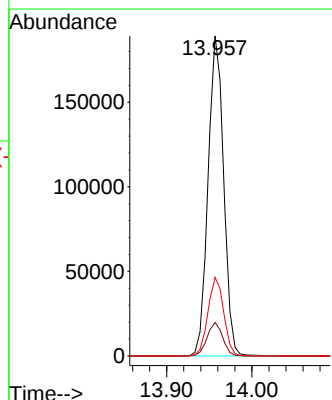
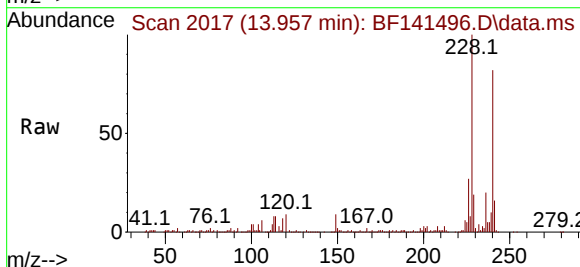
Tgt Ion:240 Resp: 240401

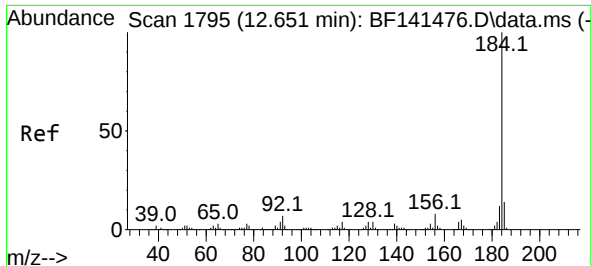
Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 24.5 19.8 29.8

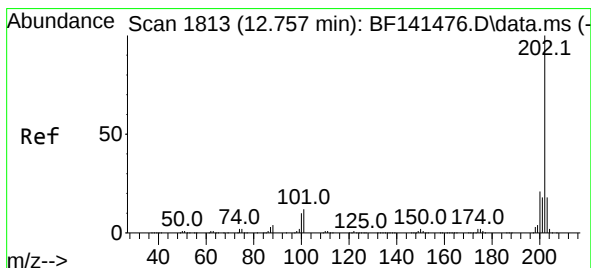
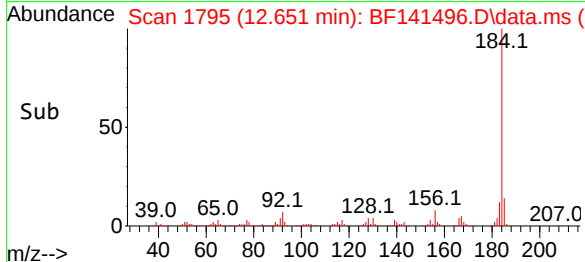
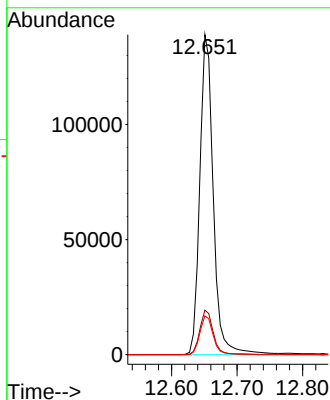
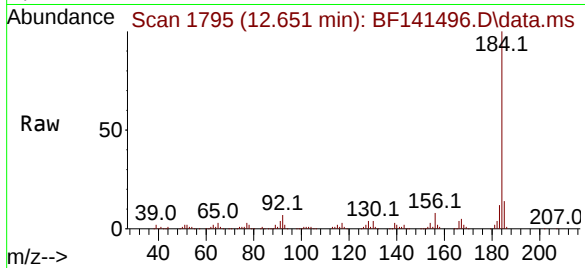




#77  
Benzidine  
Concen: 37.601 ng  
RT: 12.651 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

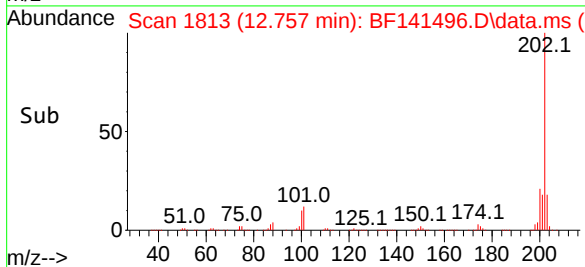
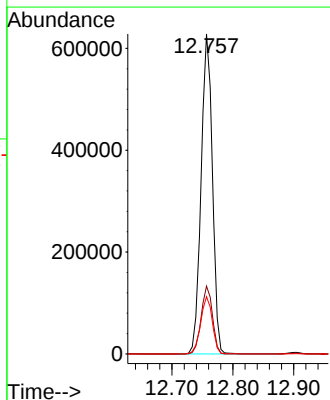
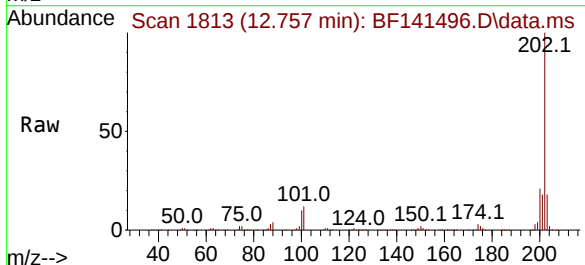
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

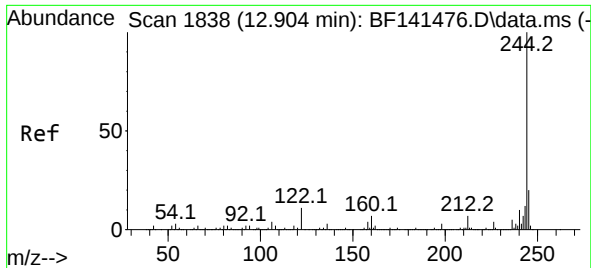
Tgt Ion:184 Resp: 199354  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.3 16.9  
183 12.2 9.3 13.9



#78  
Pyrene  
Concen: 39.638 ng  
RT: 12.757 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:202 Resp: 811169  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 17.9 14.3 21.5

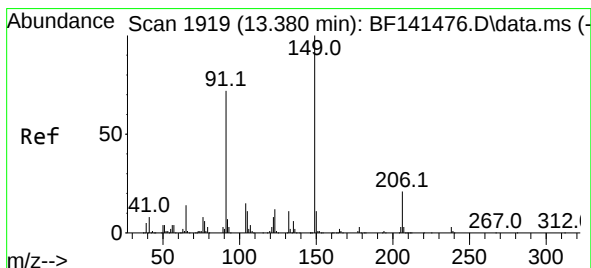
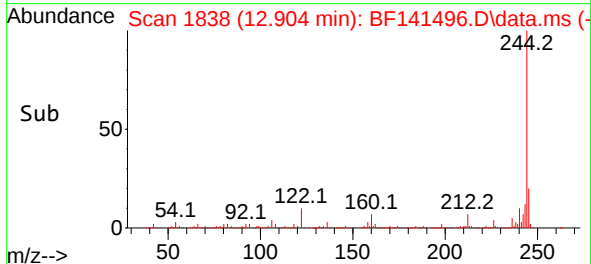
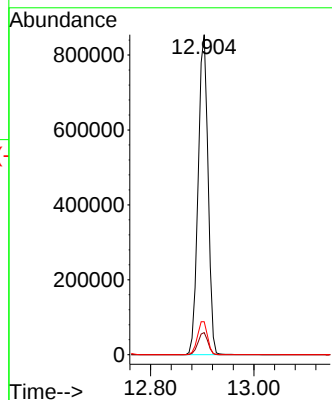
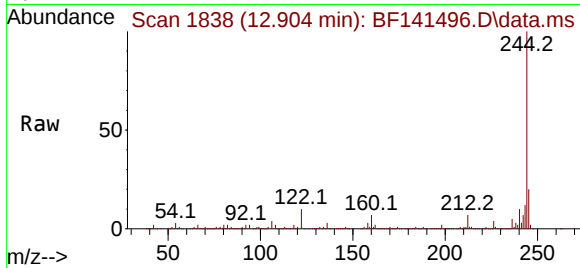




#79  
 Terphenyl-d14  
 Concen: 79.601 ng  
 RT: 12.904 min Scan# 1838  
 Delta R.T. 0.000 min  
 Lab File: BF141496.D  
 Acq: 07 Feb 2025 09:55

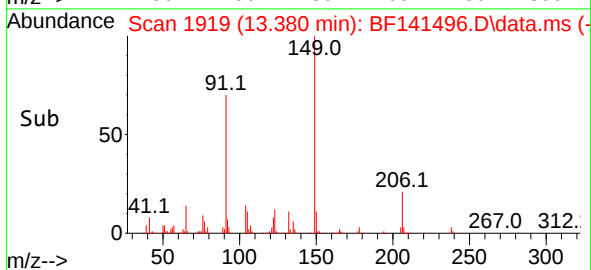
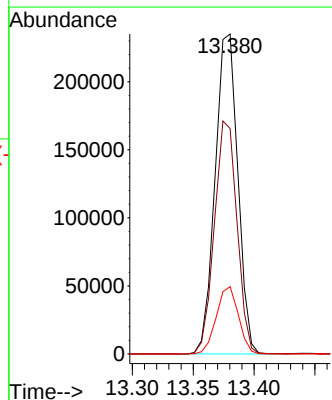
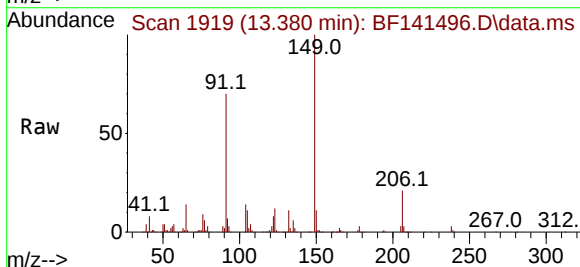
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

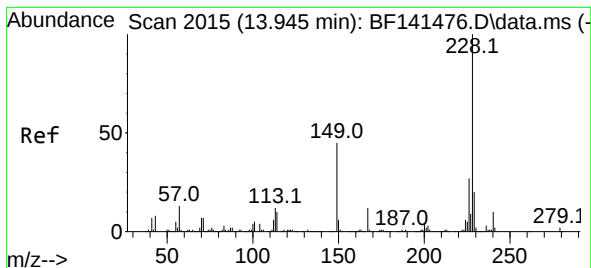
Tgt Ion:244 Resp: 1133546  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.6 8.4  
 122 10.3 8.4 12.6



#80  
 Butylbenzylphthalate  
 Concen: 43.097 ng  
 RT: 13.380 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF141496.D  
 Acq: 07 Feb 2025 09:55

Tgt Ion:149 Resp: 305486  
 Ion Ratio Lower Upper  
 149 100  
 91 70.4 57.8 86.8  
 206 21.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.247 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

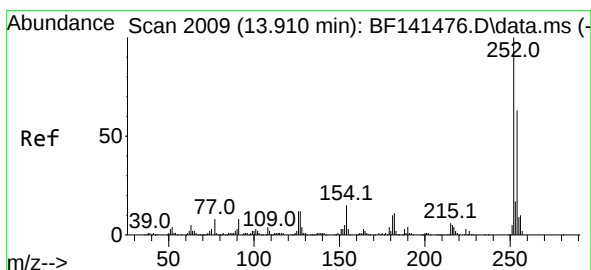
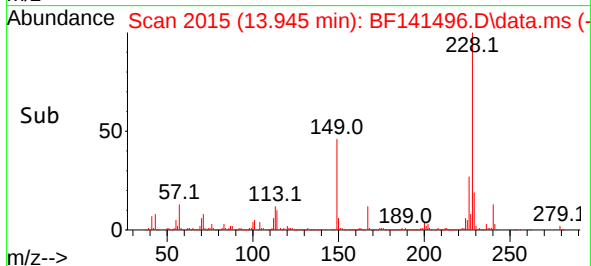
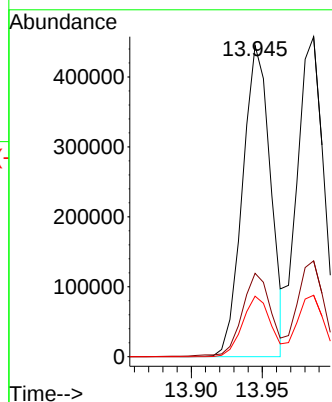
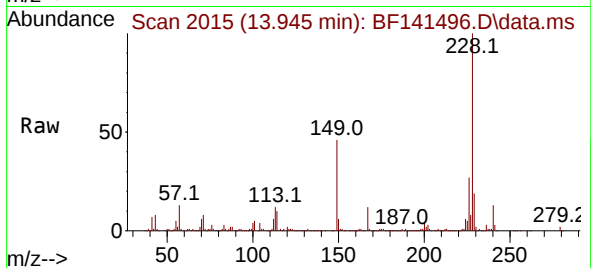
Tgt Ion:228 Resp: 611195

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.600 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

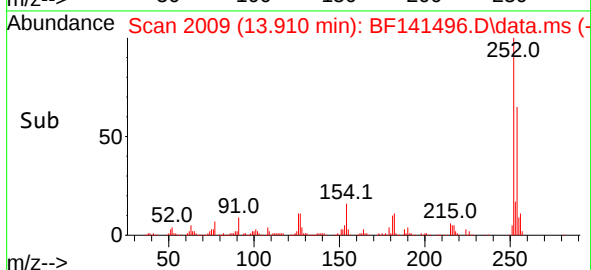
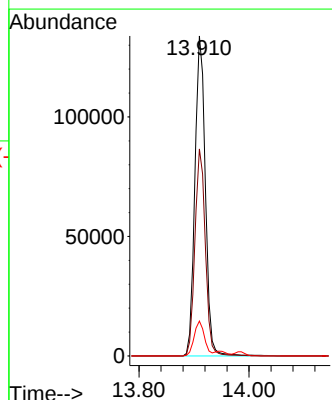
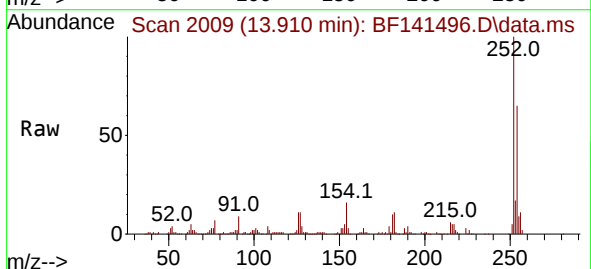
Tgt Ion:252 Resp: 176694

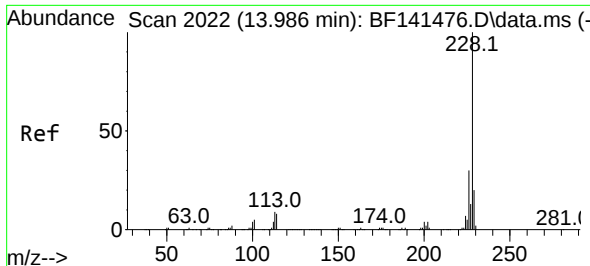
Ion Ratio Lower Upper

252 100

254 64.7 50.6 76.0

126 10.9 9.3 13.9

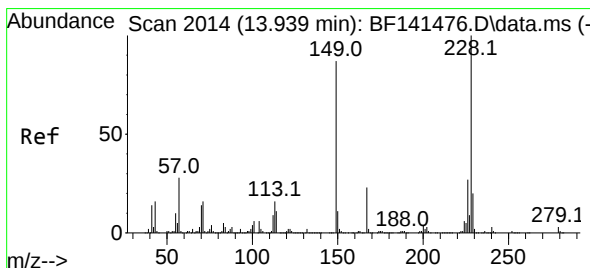
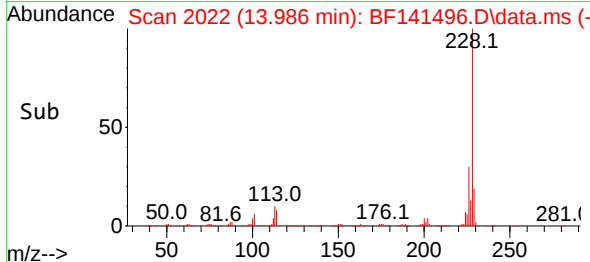
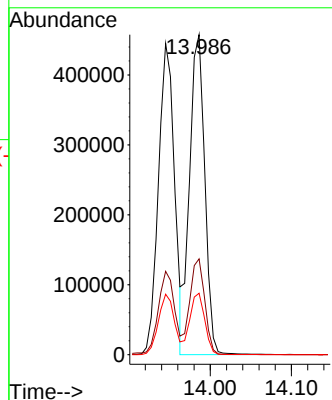
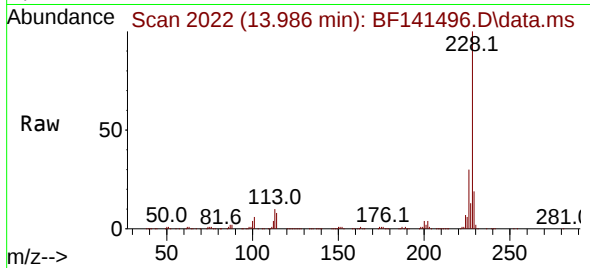




#83  
Chrysene  
Concen: 40.402 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

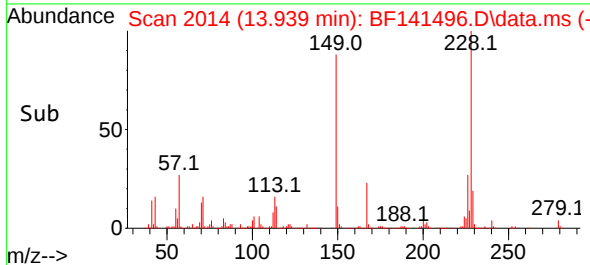
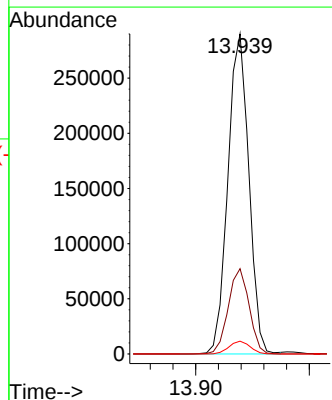
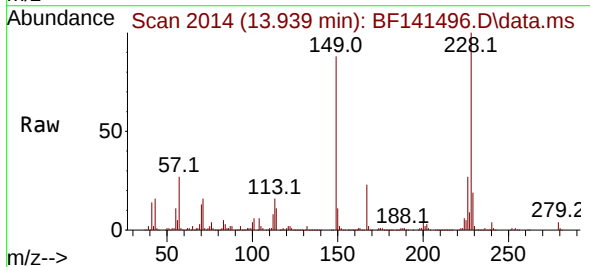
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

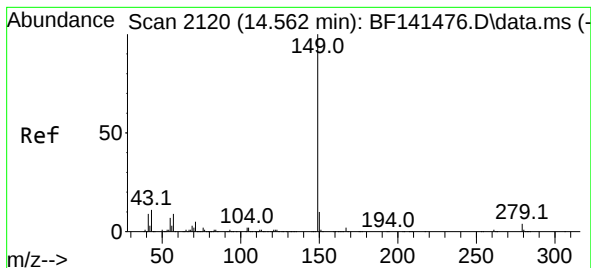
Tgt Ion:228 Resp: 596150  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.0 36.0  
229 19.2 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.468 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:149 Resp: 371491  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.4 32.0  
279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.392 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

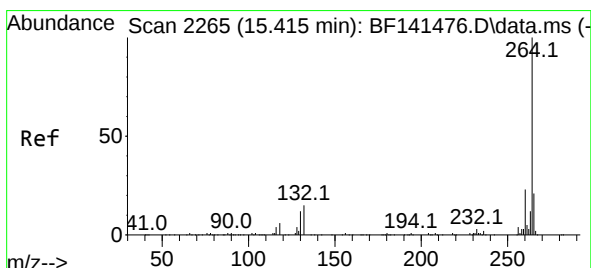
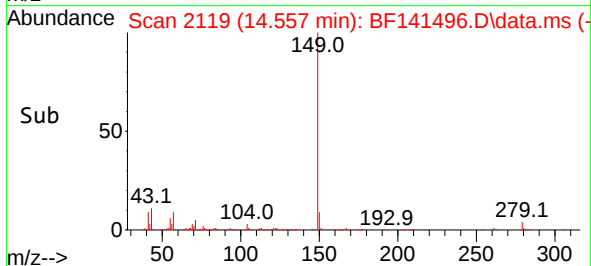
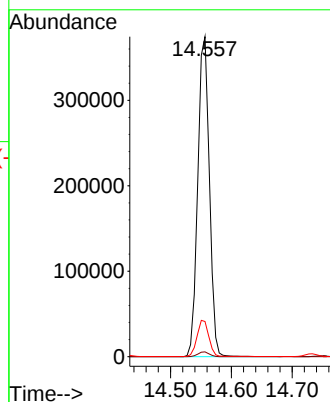
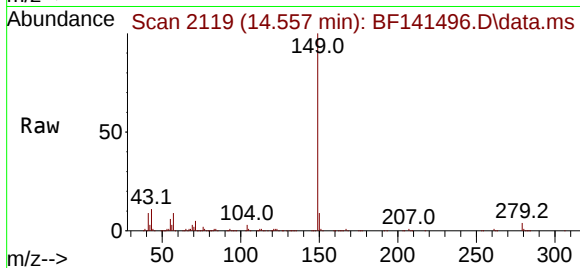
Tgt Ion:149 Resp: 494876

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

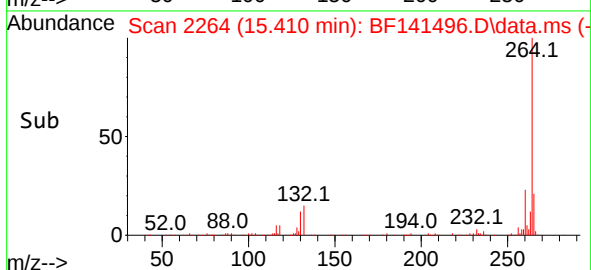
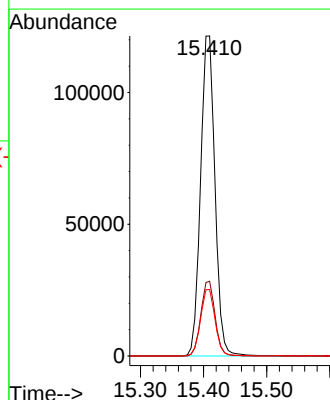
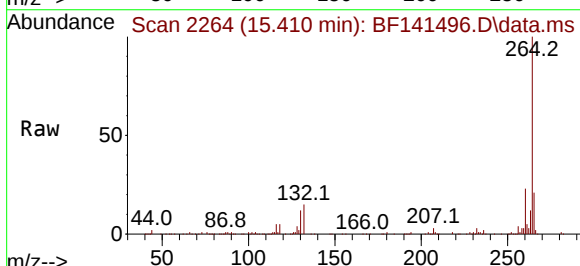
Tgt Ion:264 Resp: 192218

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 20.7 17.0 25.4

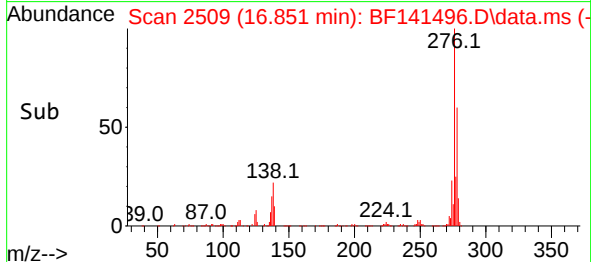
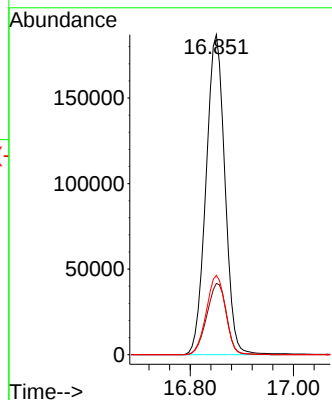
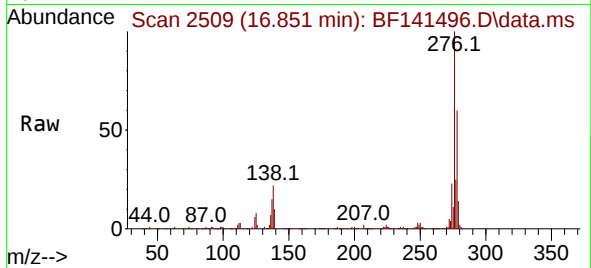




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.934 ng  
RT: 16.851 min Scan# 2150  
Delta R.T. -0.023 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

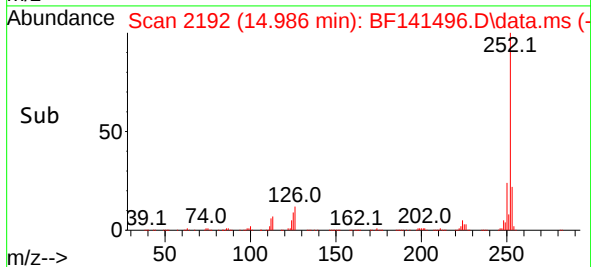
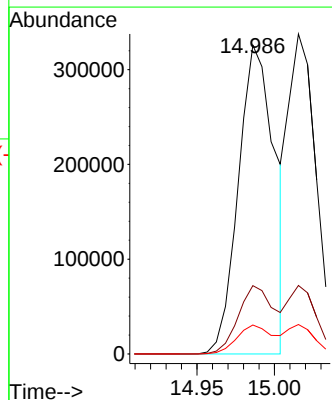
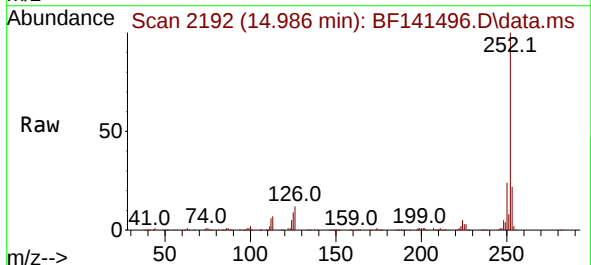
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

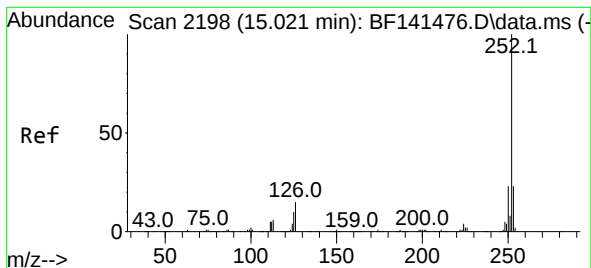
Tgt Ion:276 Resp: 474290  
Ion Ratio Lower Upper  
276 100  
138 23.2 18.0 27.0  
277 25.2 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 41.057 ng  
RT: 14.986 min Scan# 2192  
Delta R.T. -0.018 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:252 Resp: 529908  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.653 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

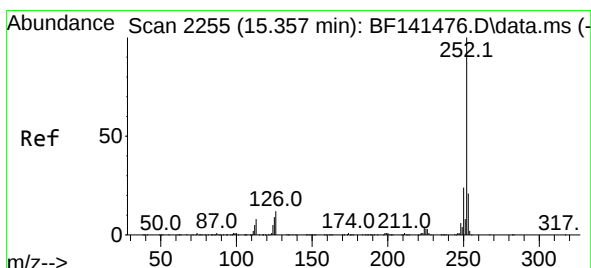
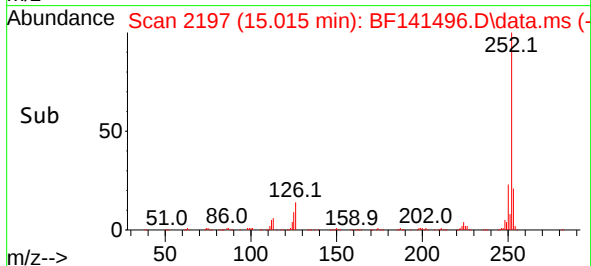
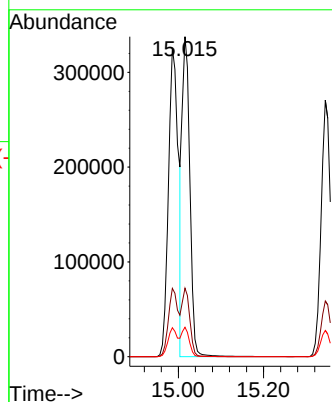
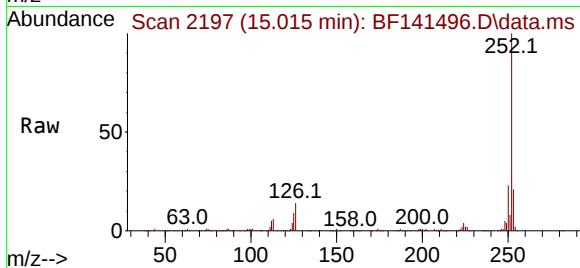
Tgt Ion:252 Resp: 425996

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 40.182 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.018 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

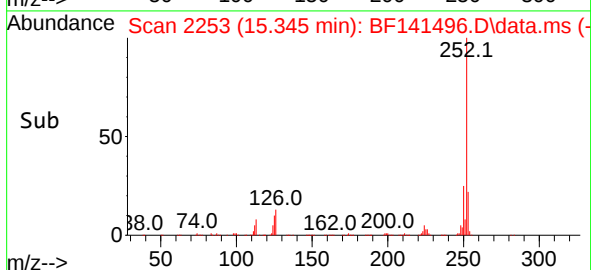
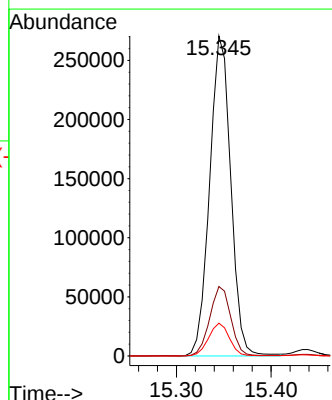
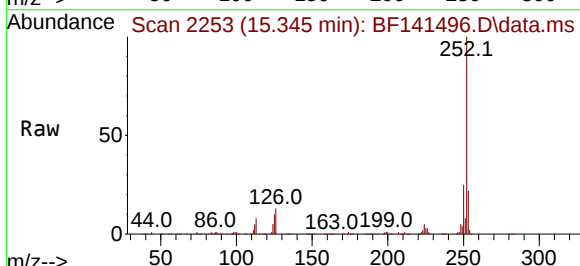
Tgt Ion:252 Resp: 419642

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.3 7.4 11.2

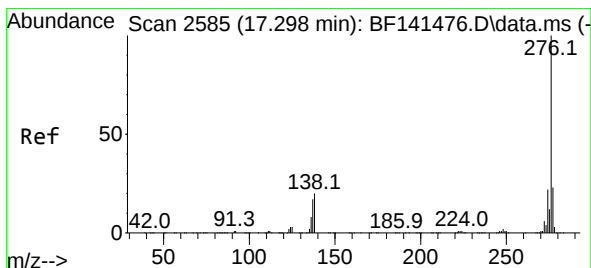
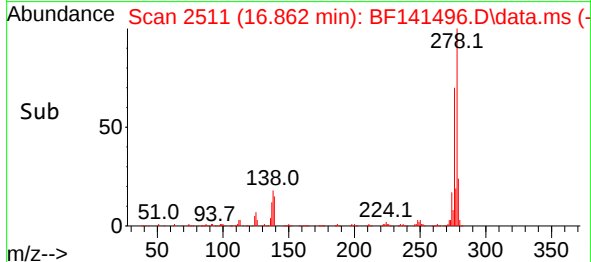
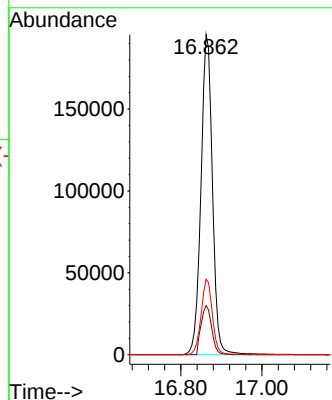
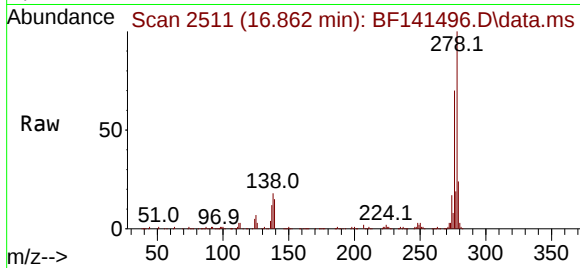




#91  
Dibenzo(a,h)anthracene  
Concen: 40.092 ng  
RT: 16.862 min Scan# 2511  
Delta R.T. -0.029 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 385831  
Ion Ratio Lower Upper  
278 100  
139 15.3 11.8 17.6  
279 23.6 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 40.419 ng  
RT: 17.280 min Scan# 2582  
Delta R.T. -0.035 min  
Lab File: BF141496.D  
Acq: 07 Feb 2025 09:55

Tgt Ion:276 Resp: 407051  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.6 28.0  
138 20.1 15.9 23.9

