

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100324\  
 Data File : BF139620.D  
 Acq On : 03 Oct 2024 09:56  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 03 11:20:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 110357   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 426254   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 246943   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 468897   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 260761   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 221578   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 503788   | 79.124 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 679305   | 79.336 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 649089   | 77.099 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 182335   | 76.488 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1198595  | 74.514 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 1251851  | 78.772 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 108888   | 39.556 | ng    | 99       |
| 3) Pyridine                   | 3.387  | 79   | 272546   | 40.710 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.352  | 42   | 175839   | 40.125 | ng    | 100      |
| 6) Aniline                    | 6.534  | 93   | 301217   | 39.644 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 271124   | 39.745 | ng    | 99       |
| 9) Benzaldehyde               | 6.422  | 77   | 162772   | 35.887 | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 361142   | 40.112 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 268757   | 36.662 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 299919   | 39.082 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 303896   | 39.100 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 285819   | 39.238 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 262824   | 40.174 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 486963   | 38.372 | ng    | 98       |
| 17) 2-Methylphenol            | 7.128  | 107  | 226907   | 39.844 | ng    | 99       |
| 18) Hexachloroethane          | 7.381  | 117  | 112068   | 38.657 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 211970   | 38.506 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 284469   | 39.769 | ng    | 98       |
| 22) Acetophenone              | 7.281  | 105  | 385281   | 38.079 | ng    | 99       |
| 24) Nitrobenzene              | 7.457  | 77   | 337269   | 38.687 | ng    | 99       |
| 25) Isophorone                | 7.692  | 82   | 566630   | 37.894 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.769  | 139  | 151015   | 40.295 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 180168   | 39.269 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 339851   | 38.061 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 233649   | 39.043 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 259464   | 38.338 | ng    | 100      |
| 31) Naphthalene               | 8.175  | 128  | 835850   | 38.353 | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 195348   | 42.820 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 285151   | 38.654 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.287  | 225  | 168124   | 38.388 | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 80106    | 40.812 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 264614   | 39.061 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 547895   | 38.600 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 531941   | 38.340 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 257374   | 37.533 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.016  | 237  | 78766    | 37.461 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 176018   | 38.077 | ng    | 98       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

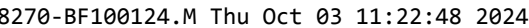
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 03 11:20:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 192715   | 38.658 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 688827   | 37.504 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 529437   | 38.451 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 196538   | 39.763 | ng    | 100      |
| 49) Acenaphthylene            | 9.769  | 152  | 800883   | 38.247 | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 626792   | 38.774 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 144052   | 39.449 | ng    | 99       |
| 52) Acenaphthene              | 9.939  | 154  | 544222   | 37.859 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 148045   | 39.673 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 82011    | 41.756 | ng    | 98       |
| 55) Dibenzofuran              | 10.116 | 168  | 761911   | 37.855 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.022 | 139  | 114528   | 40.246 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 190969   | 40.009 | ng    | 98       |
| 58) Fluorene                  | 10.457 | 166  | 610368   | 38.075 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 155532   | 38.628 | ng    | 99       |
| 60) Diethylphthalate          | 10.328 | 149  | 640516   | 38.362 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 303125   | 37.796 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 152144   | 39.859 | ng    | 100      |
| 63) Azobenzene                | 10.610 | 77   | 641215   | 38.187 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 109424   | 41.319 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 522454   | 37.800 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 183729   | 38.216 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 202804   | 38.015 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 117559   | 31.701 | ng    | 100      |
| 70) Pentachlorophenol         | 11.198 | 266  | 123898   | 39.004 | ng    | 99       |
| 71) Phenanthrene              | 11.422 | 178  | 844805   | 38.211 | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 830771   | 37.983 | ng    | 100      |
| 73) Carbazole                 | 11.627 | 167  | 805181   | 38.329 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 1004728  | 39.331 | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 921172   | 38.115 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 181613   | 39.485 | ng    | 100      |
| 78) Pyrene                    | 12.833 | 202  | 925736   | 39.693 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 350215   | 41.981 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 676403   | 39.454 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 195748   | 37.308 | ng    | 97       |
| 83) Chrysene                  | 14.063 | 228  | 581212   | 37.081 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 455632   | 43.740 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 639354   | 41.778 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 519891   | 39.864 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 521473   | 36.398 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 496085   | 40.820 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 440396   | 38.984 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 435592   | 40.270 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 439512   | 40.515 | ng    | 99       |

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

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QLast Update : Wed Oct 02 04:58:47 2024  
Response via : Initial Calibration

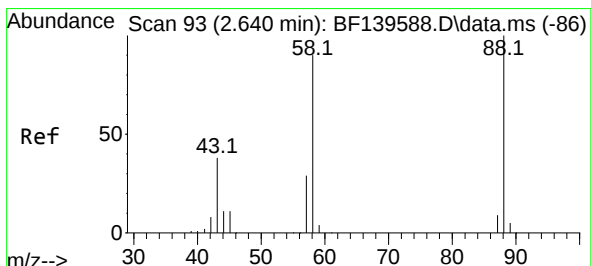
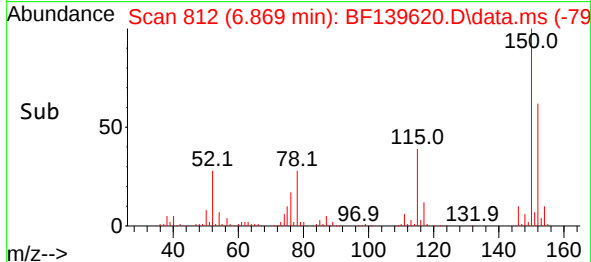
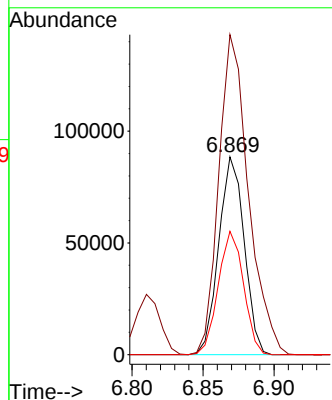
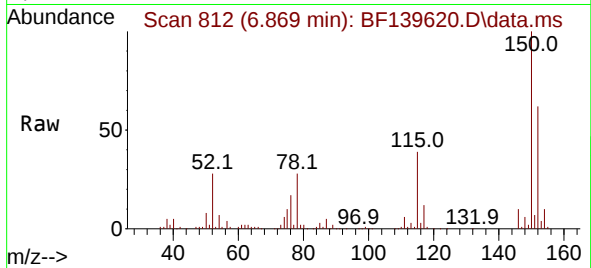




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

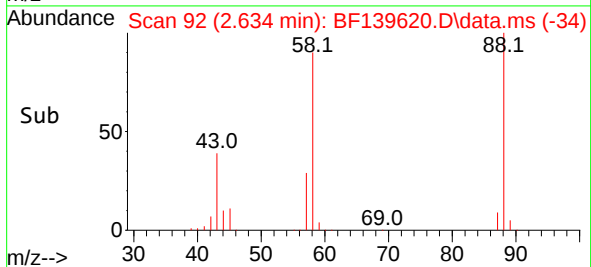
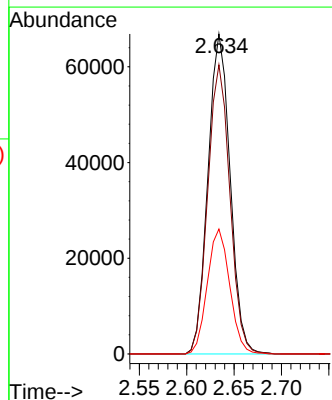
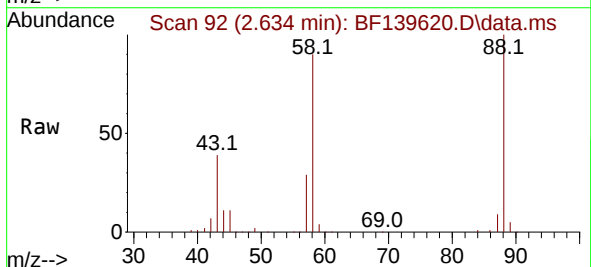
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 110357  
Ion Ratio Lower Upper  
152 100  
150 161.7 127.2 190.8  
115 62.3 49.0 73.4



#2  
1,4-Dioxane  
Concen: 39.556 ng  
RT: 2.634 min Scan# 92  
Delta R.T. -0.006 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion: 88 Resp: 108888  
Ion Ratio Lower Upper  
88 100  
58 90.3 72.0 108.0  
43 39.4 30.8 46.2





#3

Pyridine

Concen: 40.710 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

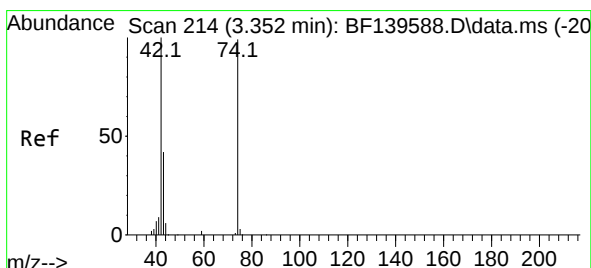
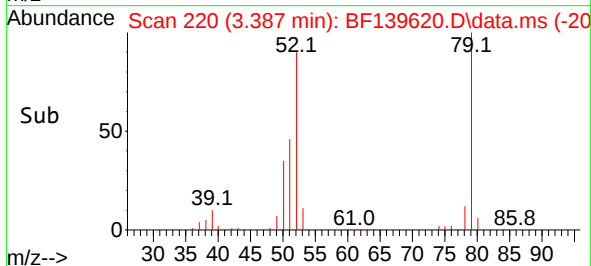
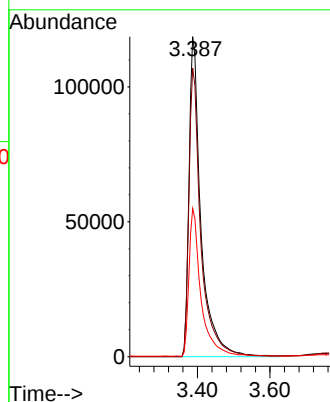
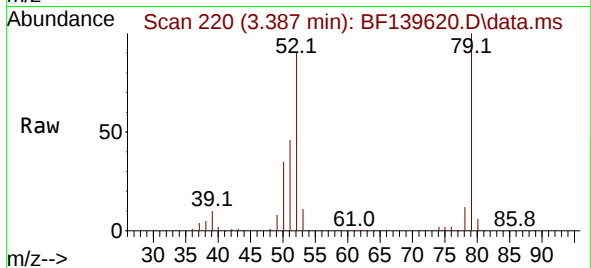
Tgt Ion: 79 Resp: 272546

Ion Ratio Lower Upper

79 100

52 90.2 72.6 109.0

51 46.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.125 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

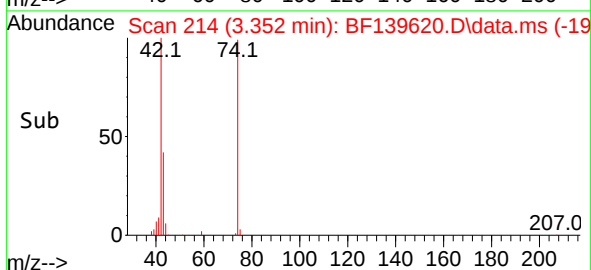
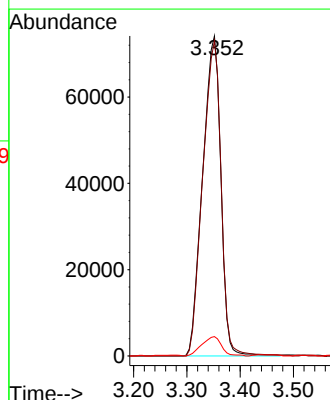
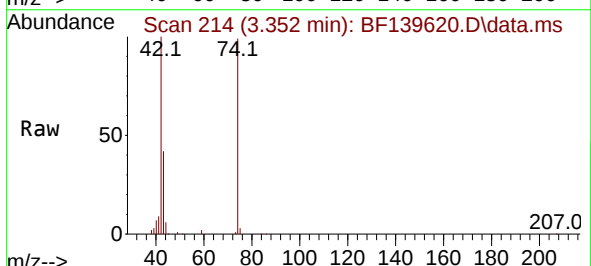
Tgt Ion: 42 Resp: 175839

Ion Ratio Lower Upper

42 100

74 98.6 79.0 118.6

44 6.1 5.2 7.8

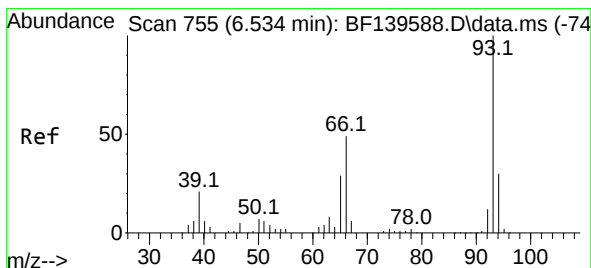
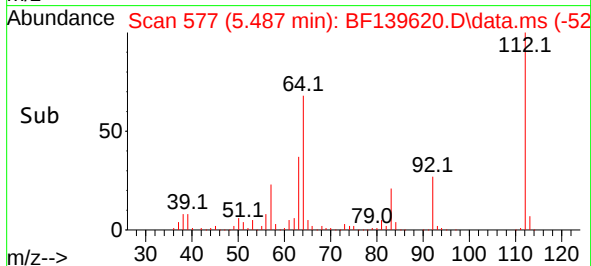
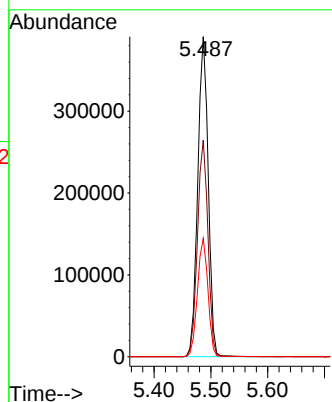
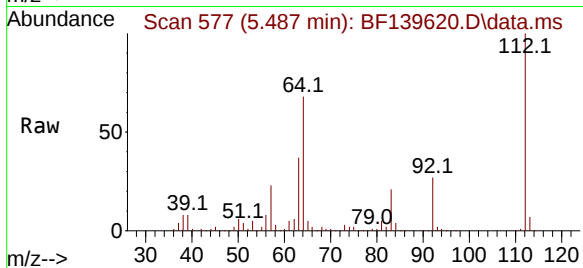




#5  
2-Fluorophenol  
Concen: 79.124 ng  
RT: 5.487 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

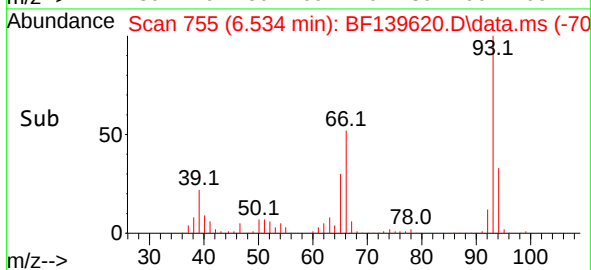
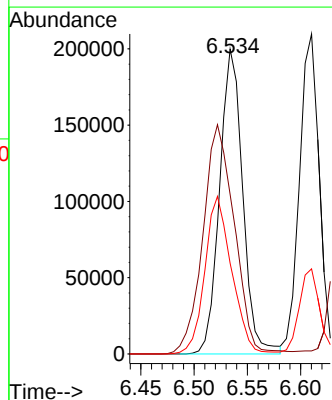
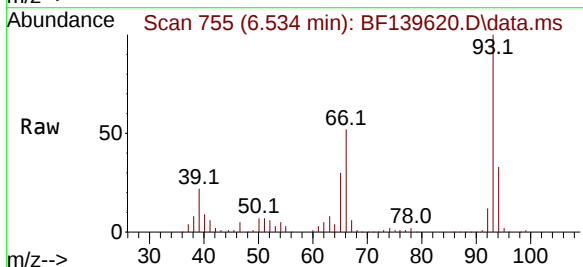
Instrument :  
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ClientSampleId :  
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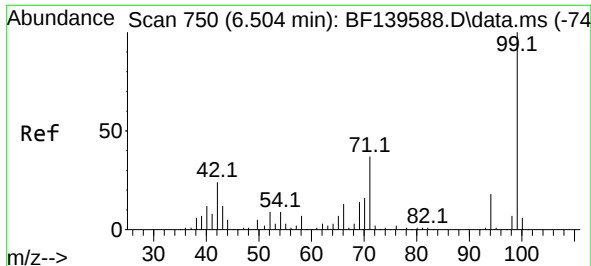
Tgt Ion:112 Resp: 503788  
Ion Ratio Lower Upper  
112 100  
64 67.7 54.2 81.4  
63 37.0 29.4 44.2



#6  
Aniline  
Concen: 39.644 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion: 93 Resp: 301217  
Ion Ratio Lower Upper  
93 100  
66 52.3 40.9 61.3  
65 29.8 23.3 34.9

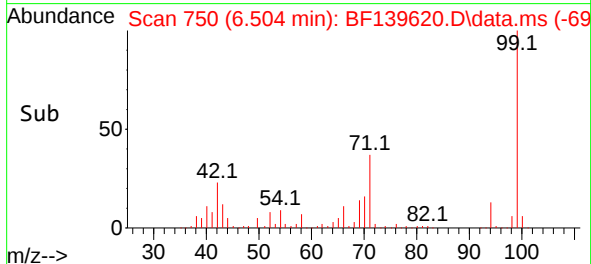
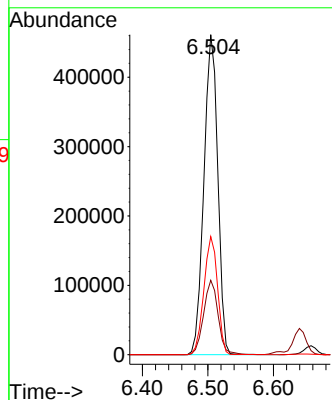
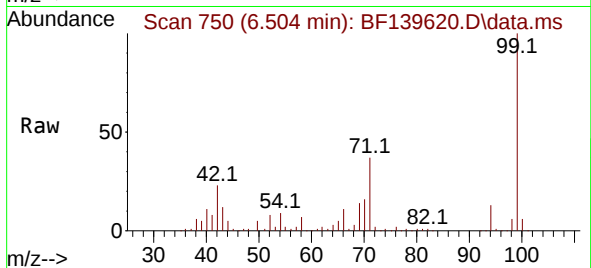




#7  
Phenol-d6  
Concen: 79.336 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

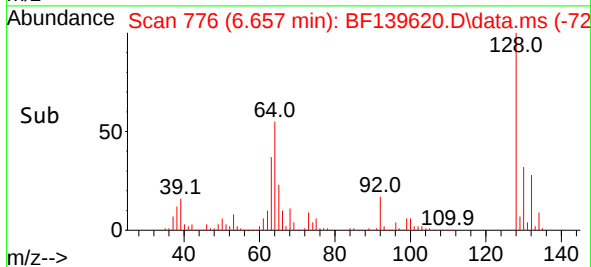
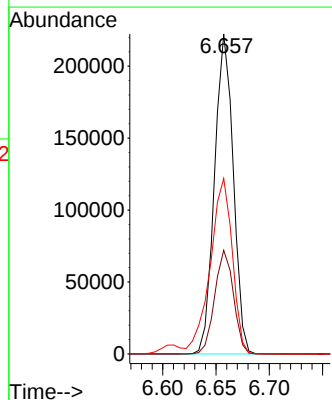
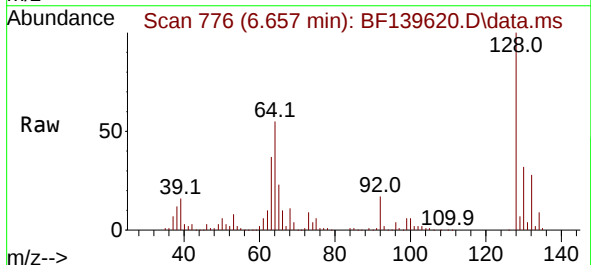
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

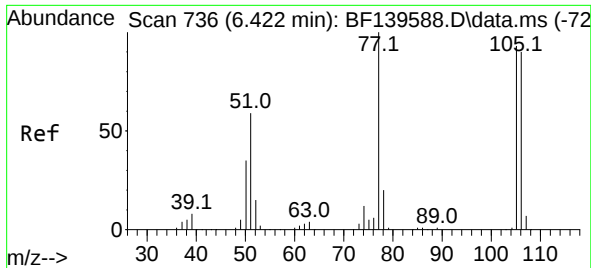
Tgt Ion: 99 Resp: 679305  
Ion Ratio Lower Upper  
99 100  
42 23.2 19.1 28.7  
71 36.9 29.7 44.5



#8  
2-Chlorophenol  
Concen: 39.745 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:128 Resp: 271124  
Ion Ratio Lower Upper  
128 100  
130 32.4 13.2 53.2  
64 54.8 35.1 75.1

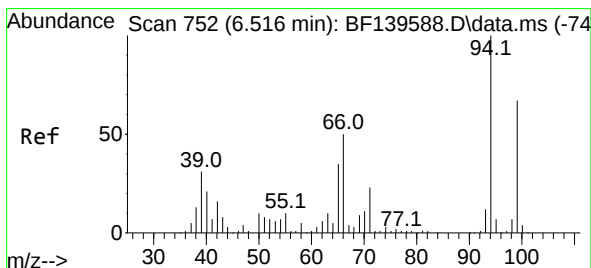
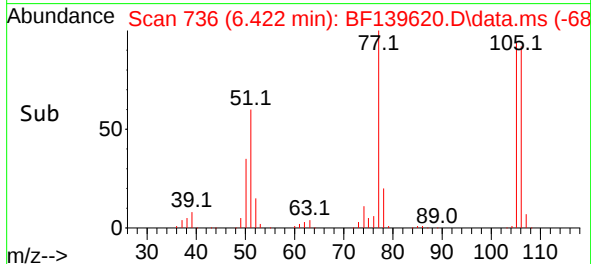
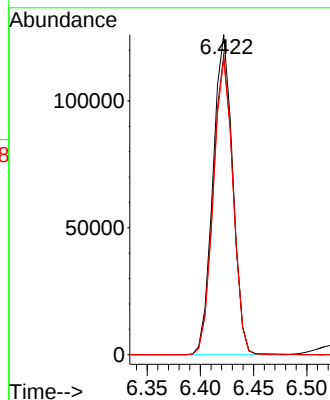
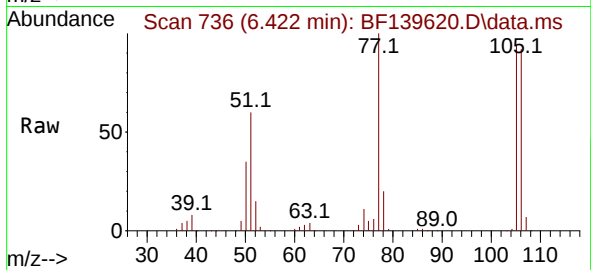




#9  
Benzaldehyde  
Concen: 35.887 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

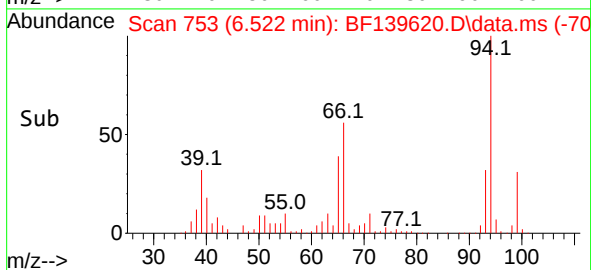
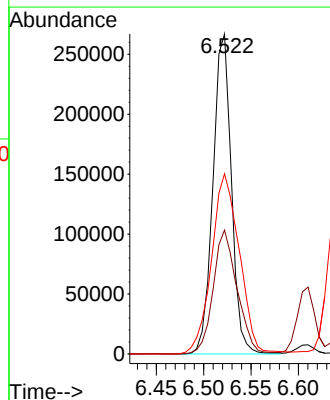
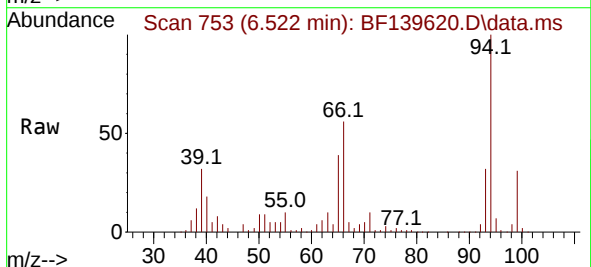
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

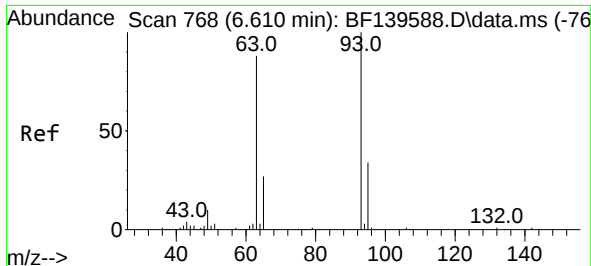
Tgt Ion: 77 Resp: 162772  
Ion Ratio Lower Upper  
77 100  
105 93.8 72.7 112.7  
106 92.2 70.1 110.1



#10  
Phenol  
Concen: 40.112 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion: 94 Resp: 361142  
Ion Ratio Lower Upper  
94 100  
65 38.7 15.3 55.3  
66 56.3 30.5 70.5

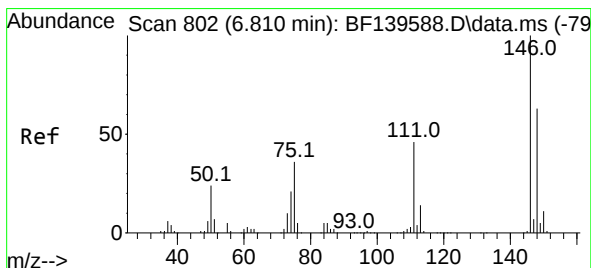
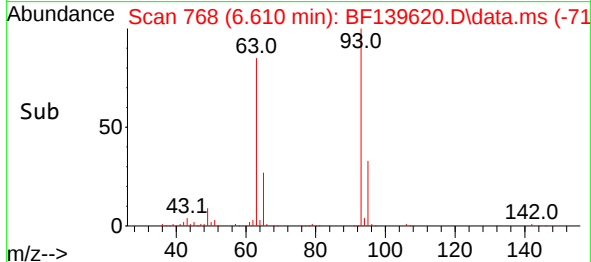
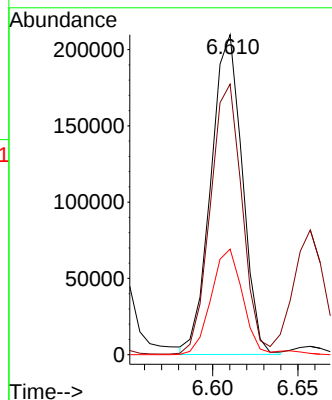
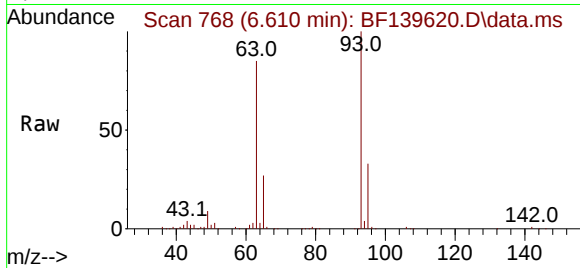




#11  
bis(2-Chloroethyl)ether  
Concen: 36.662 ng  
RT: 6.610 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

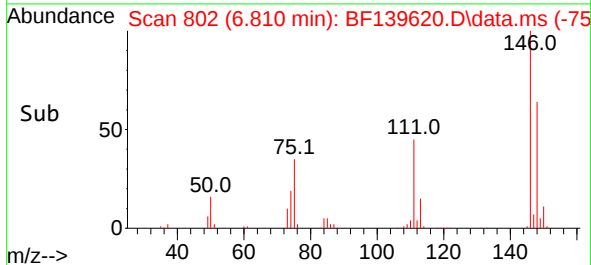
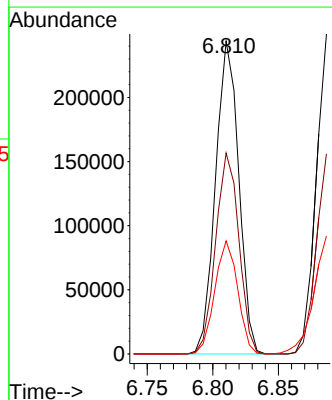
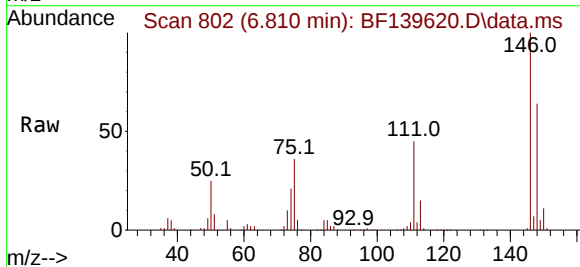
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 268757  
Ion Ratio Lower Upper  
93 100  
63 84.5 64.1 104.1  
95 33.0 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 39.082 ng  
RT: 6.810 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion: 146 Resp: 299919  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.2 75.4  
75 36.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 39.100 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

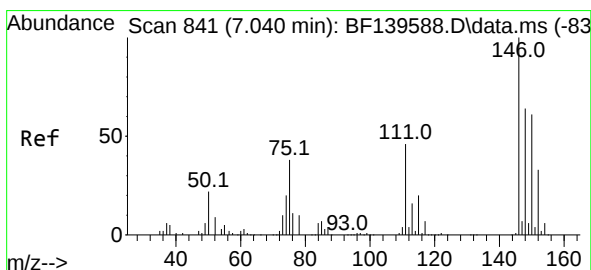
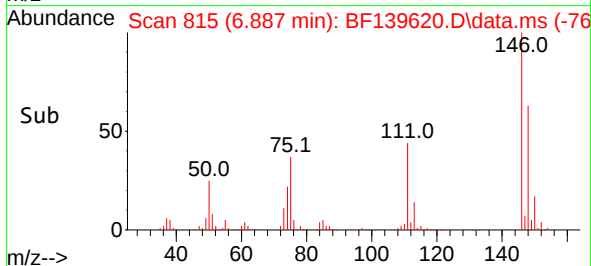
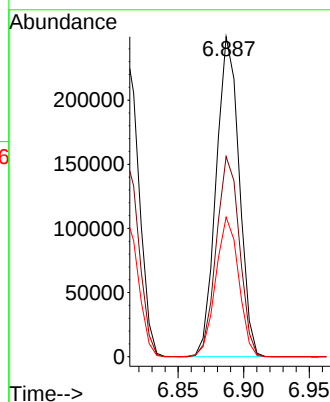
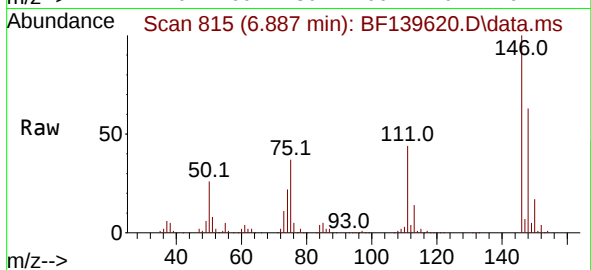
Tgt Ion:146 Resp: 303896

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

111 43.6 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 39.238 ng

RT: 7.040 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

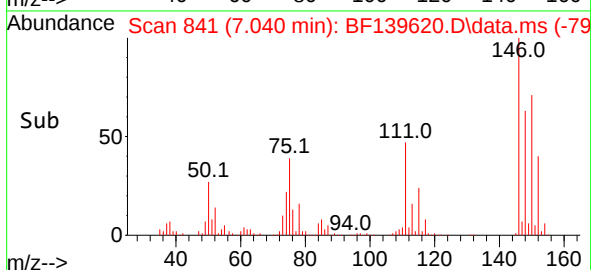
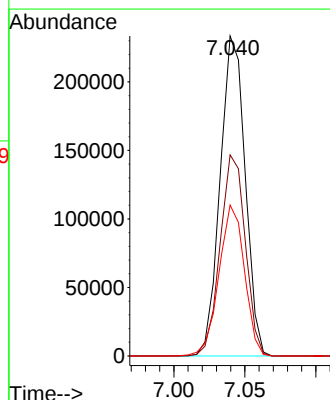
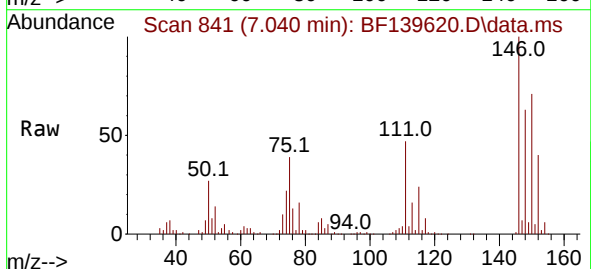
Tgt Ion:146 Resp: 285819

Ion Ratio Lower Upper

146 100

148 62.8 51.2 76.8

111 47.2 37.0 55.6

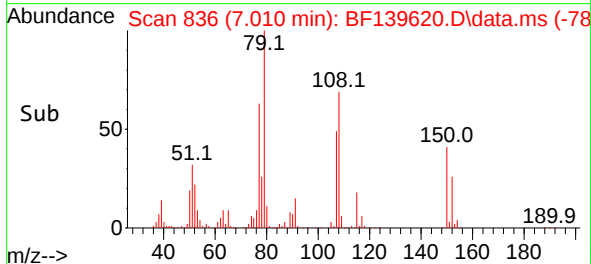
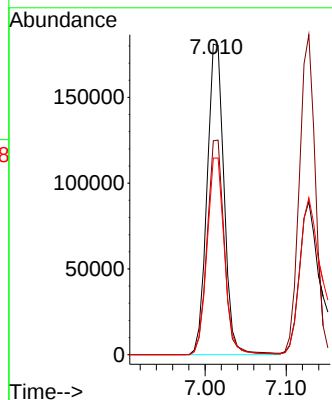
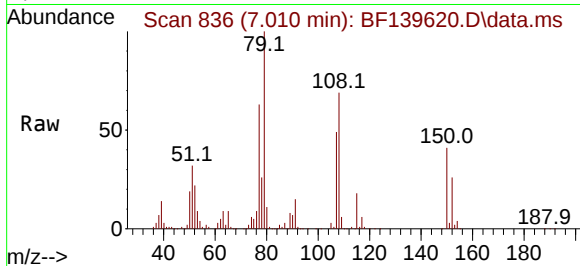




#15  
Benzyl Alcohol  
Concen: 40.174 ng  
RT: 7.010 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

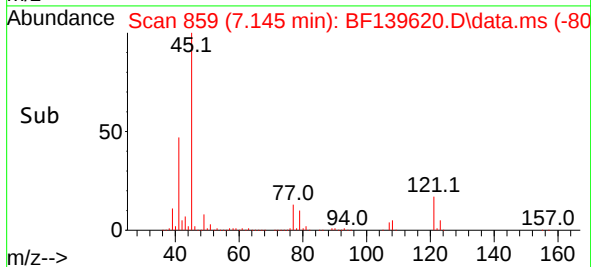
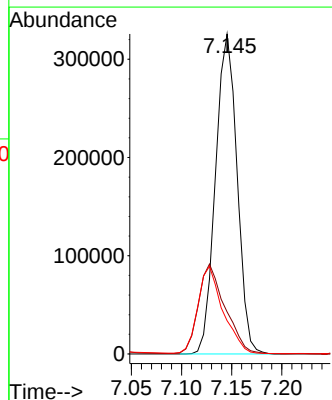
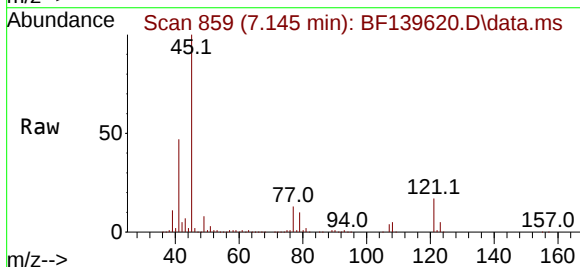
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

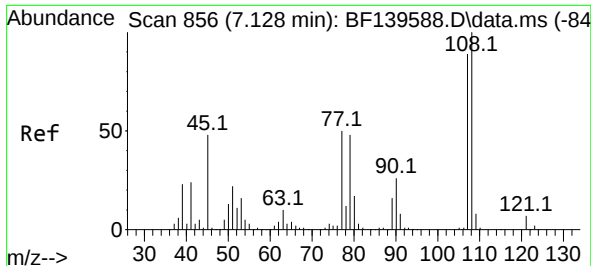
Tgt Ion: 79 Resp: 262824  
Ion Ratio Lower Upper  
79 100  
108 68.9 55.1 82.7  
77 63.3 50.8 76.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.372 ng  
RT: 7.145 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion: 45 Resp: 486963  
Ion Ratio Lower Upper  
45 100  
77 13.2 0.0 32.5  
79 10.4 0.0 29.7

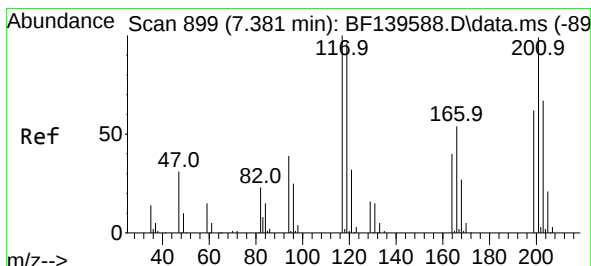
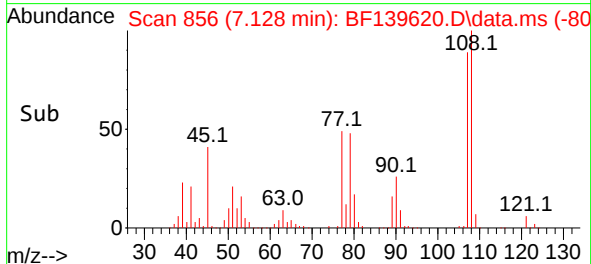
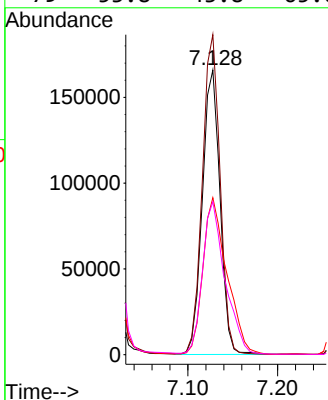
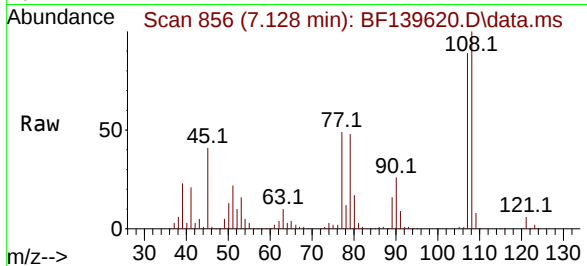




#17  
2-Methylphenol  
Concen: 39.844 ng  
RT: 7.128 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

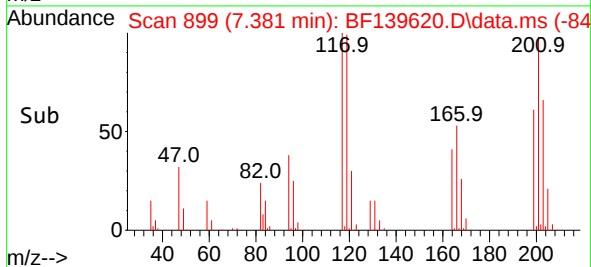
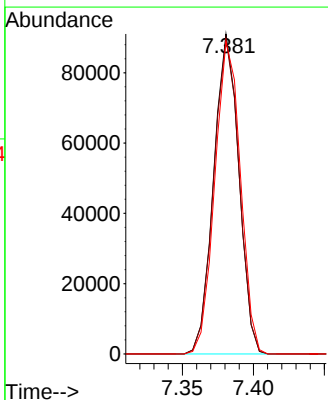
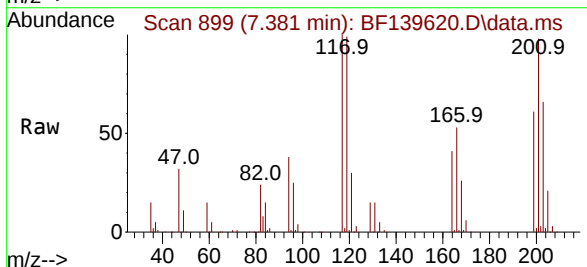
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 226907 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 89.8  | 134.6  |
| 77       | 55.1  | 44.6  | 67.0   |
| 79       | 53.8  | 43.8  | 65.6   |



#18  
Hexachloroethane  
Concen: 38.657 ng  
RT: 7.381 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112068 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.7  | 77.0  | 115.6  |
| 201      | 97.7  | 79.2  | 118.8  |





#19

n-Nitroso-di-n-propylamine

Concen: 38.506 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 211970

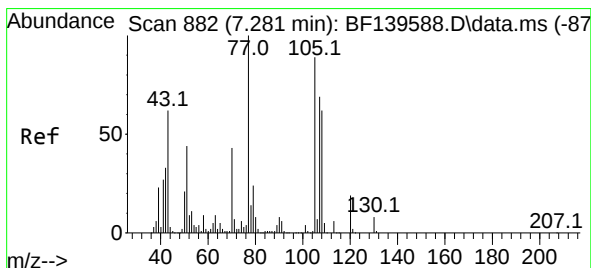
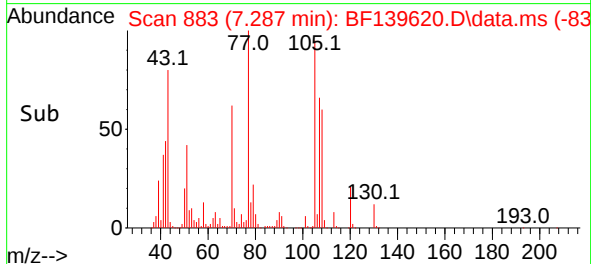
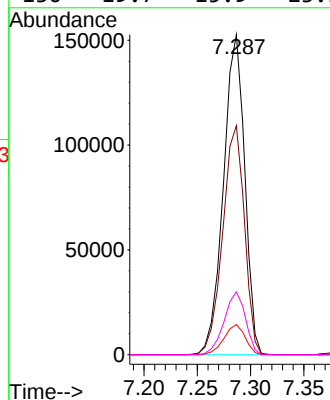
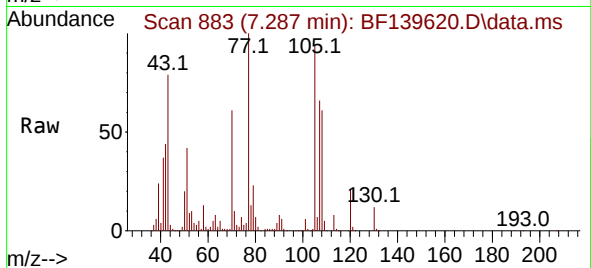
Ion Ratio Lower Upper

70 100

42 71.6 58.0 87.0

101 9.4 7.8 11.8

130 19.7 15.9 23.9



#20

3+4-Methylphenols

Concen: 39.769 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Tgt Ion: 107 Resp: 284469

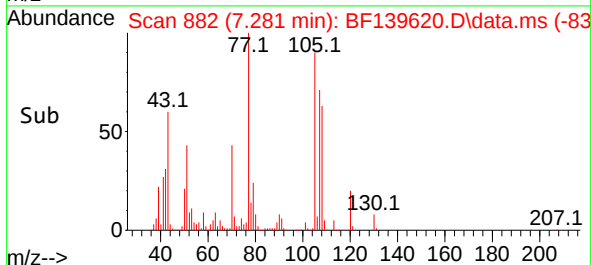
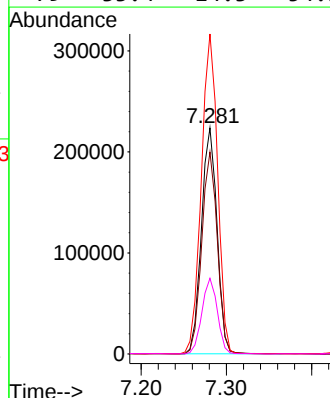
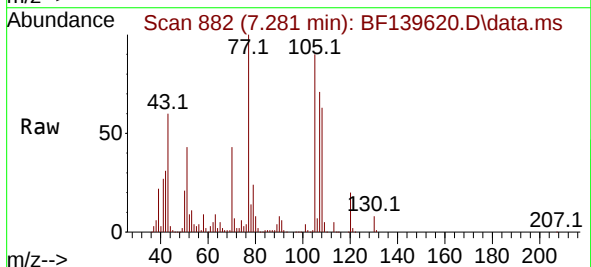
Ion Ratio Lower Upper

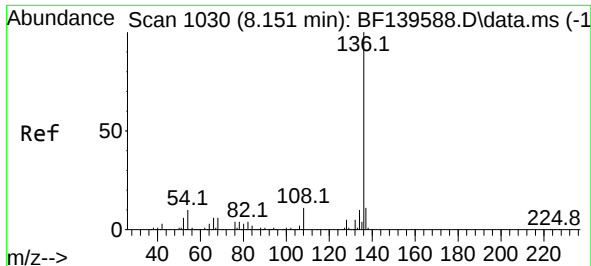
107 100

108 89.3 70.2 110.2

77 141.5 125.3 165.3

79 33.4 14.3 54.3



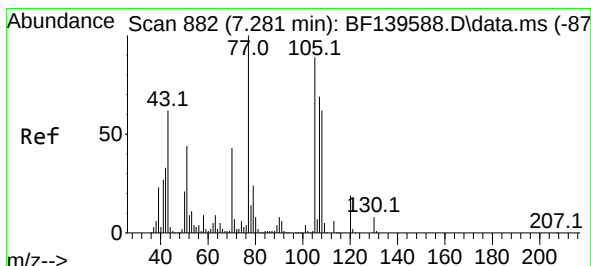
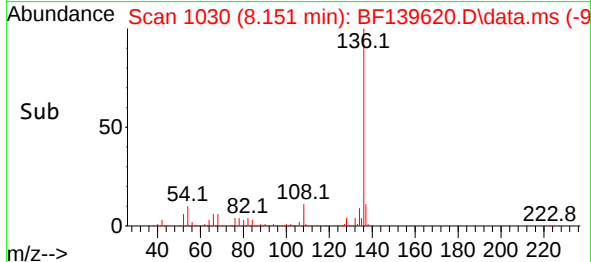
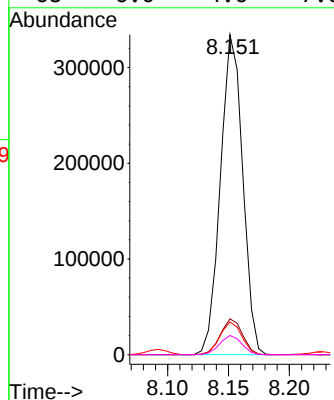
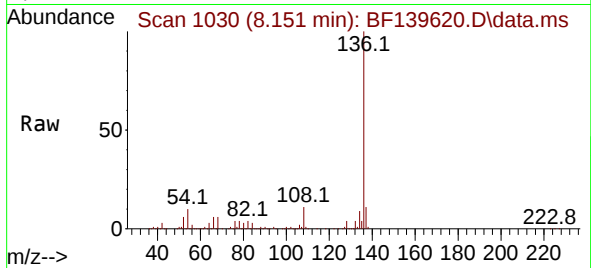


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 426254

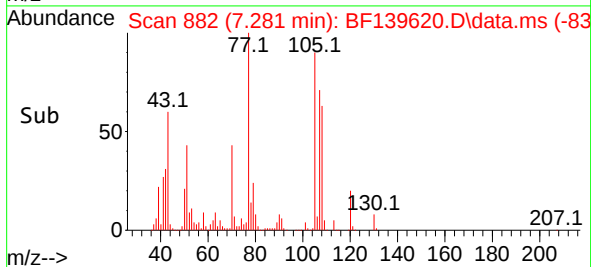
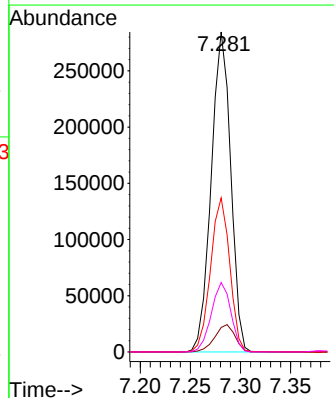
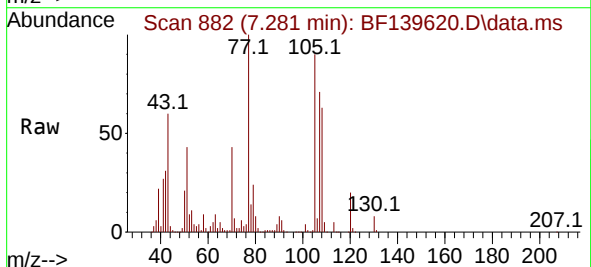
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.6   | 13.0  |
| 54  | 10.3  | 8.3   | 12.5  |
| 68  | 6.0   | 4.6   | 7.0   |

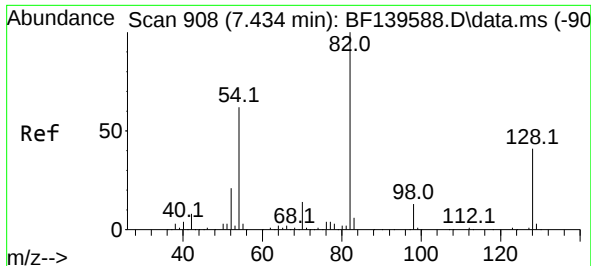


#22  
Acetophenone  
Concen: 38.079 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:105 Resp: 385281

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.6   | 6.6   | 10.0  |
| 51  | 48.2  | 39.4  | 59.0  |
| 120 | 21.7  | 17.4  | 26.2  |

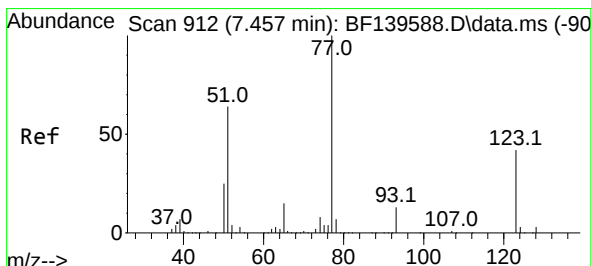
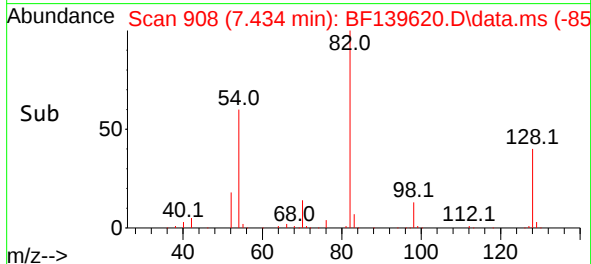
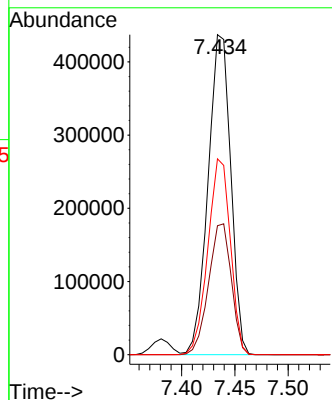
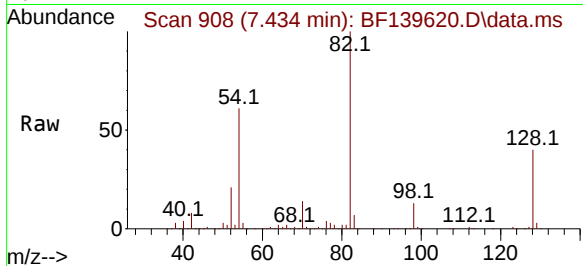




#23  
Nitrobenzene-d5  
Concen: 77.099 ng  
RT: 7.434 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

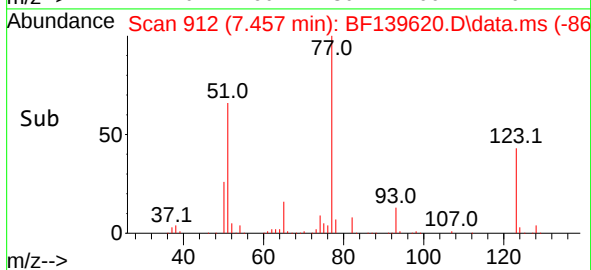
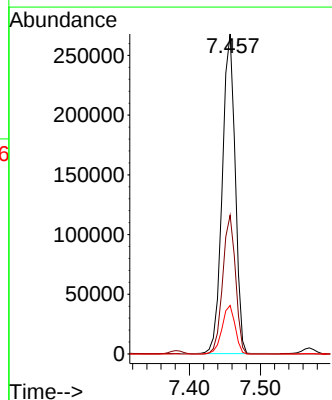
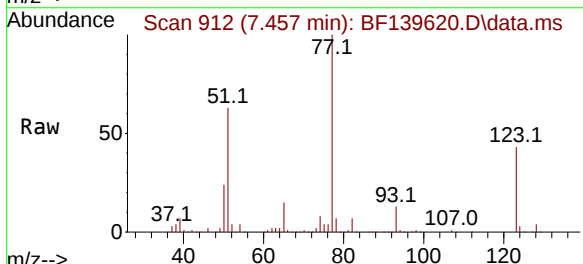
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

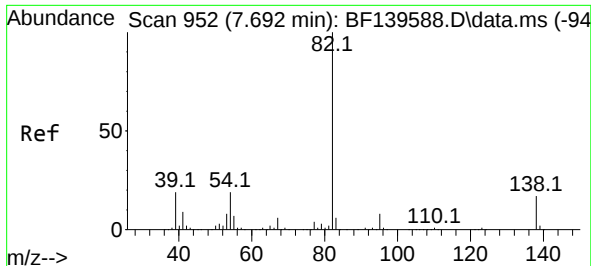
Tgt Ion: 82 Resp: 649089  
Ion Ratio Lower Upper  
82 100  
128 40.3 32.4 48.6  
54 61.2 49.1 73.7



#24  
Nitrobenzene  
Concen: 38.687 ng  
RT: 7.457 min Scan# 912  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion: 77 Resp: 337269  
Ion Ratio Lower Upper  
77 100  
123 43.4 34.2 51.4  
65 15.2 12.1 18.1

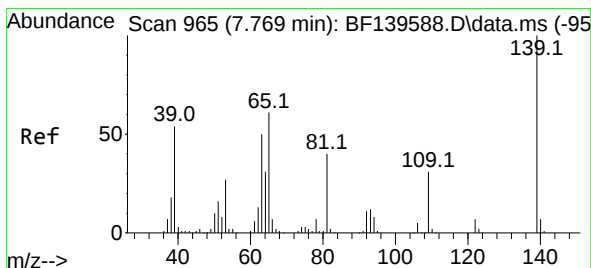
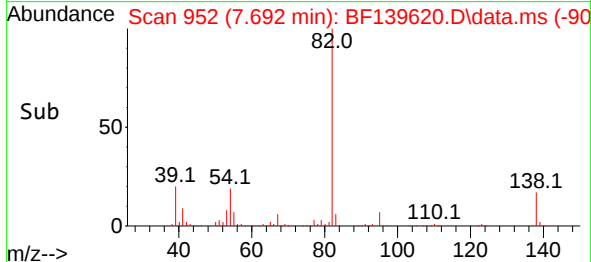
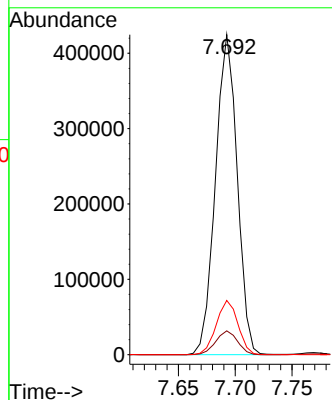
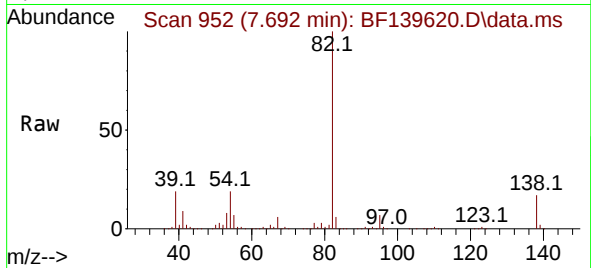




#25  
Isophorone  
Concen: 37.894 ng  
RT: 7.692 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

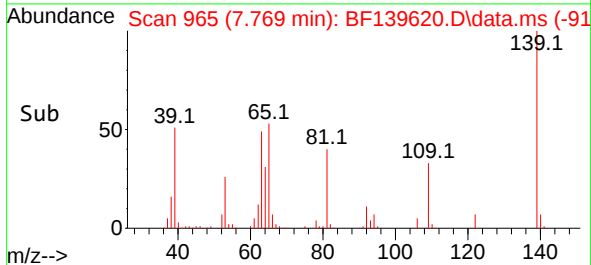
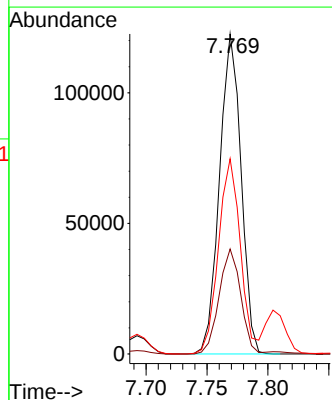
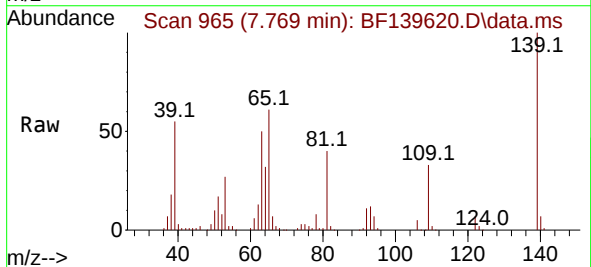
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

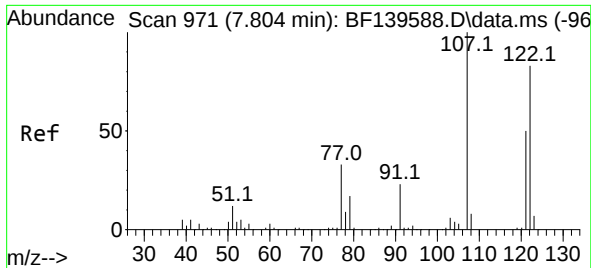
Tgt Ion: 82 Resp: 566630  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.1 9.1  
138 16.9 13.4 20.2



#26  
2-Nitrophenol  
Concen: 40.295 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:139 Resp: 151015  
Ion Ratio Lower Upper  
139 100  
109 32.8 24.9 37.3  
65 61.0 48.6 72.8

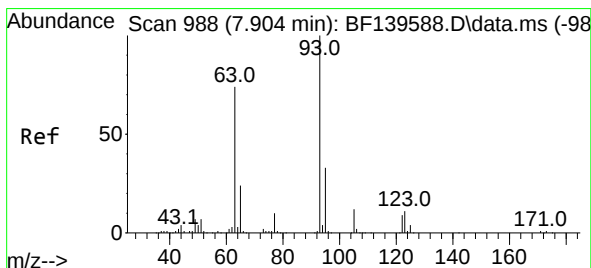
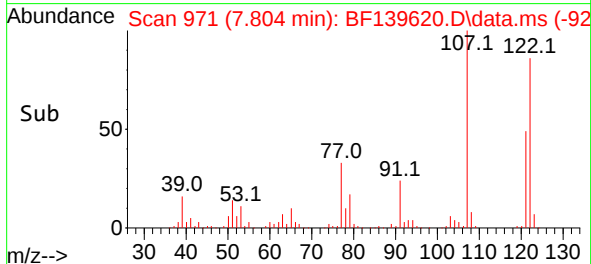
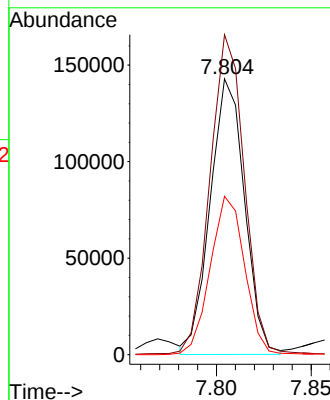
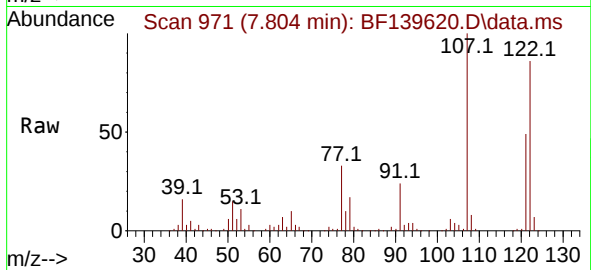




#27  
2,4-Dimethylphenol  
Concen: 39.269 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

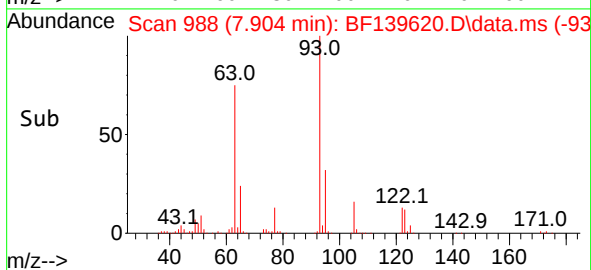
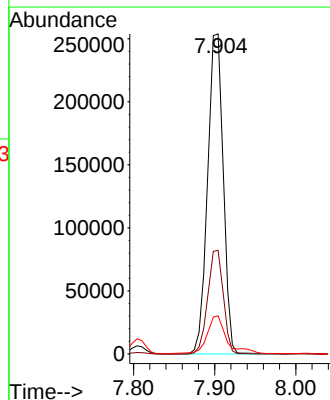
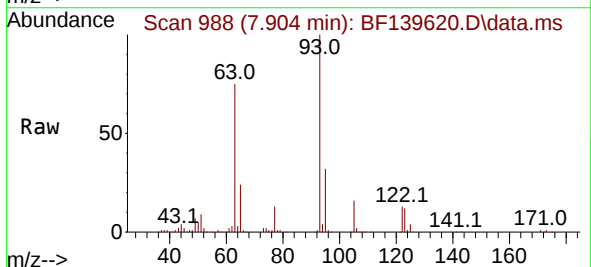
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:122 Resp: 180168  
Ion Ratio Lower Upper  
122 100  
107 116.0 95.4 143.0  
121 57.4 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.061 ng  
RT: 7.904 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion: 93 Resp: 339851  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.5 39.7  
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.043 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

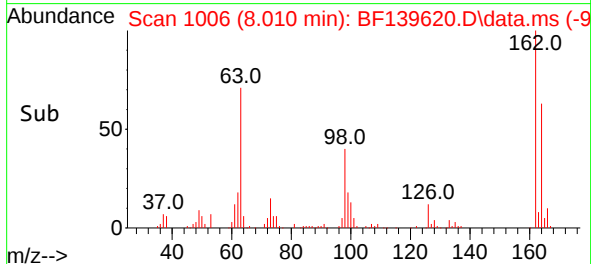
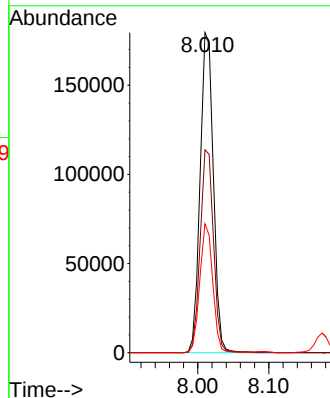
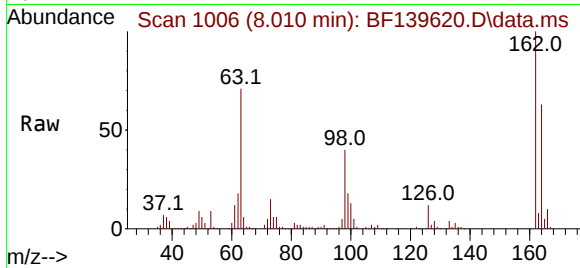
Tgt Ion:162 Resp: 233649

Ion Ratio Lower Upper

162 100

164 63.4 43.1 83.1

98 40.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 38.338 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

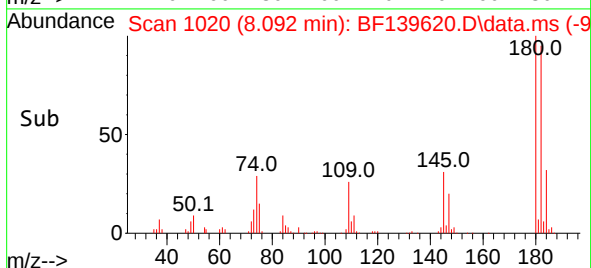
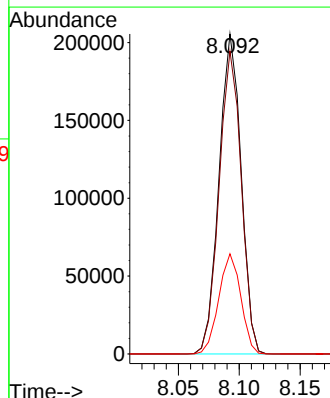
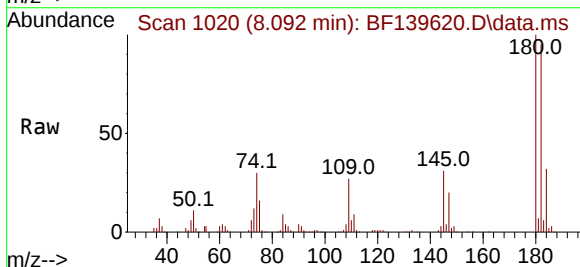
Tgt Ion:180 Resp: 259464

Ion Ratio Lower Upper

180 100

182 94.7 76.0 114.0

145 31.3 25.0 37.6

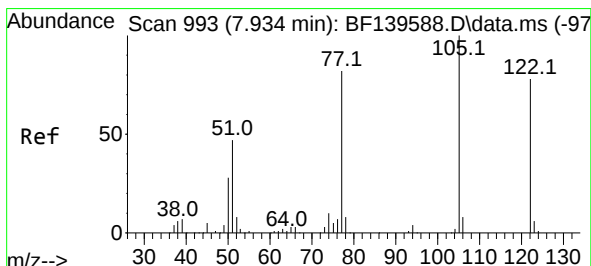
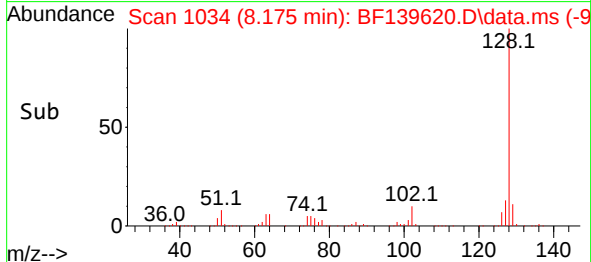
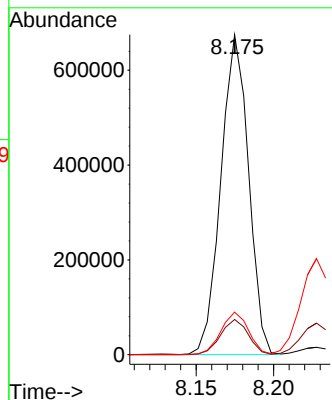
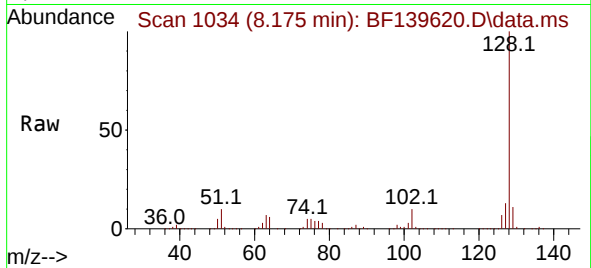




#31  
Naphthalene  
Concen: 38.353 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

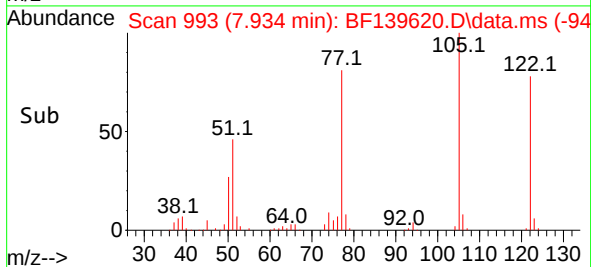
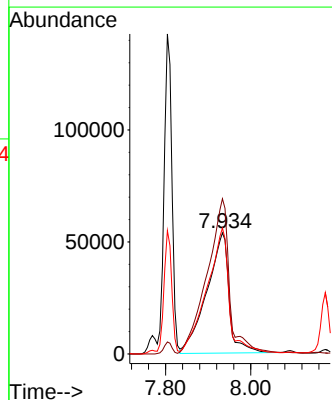
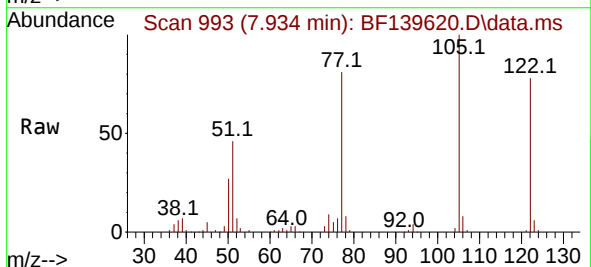
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

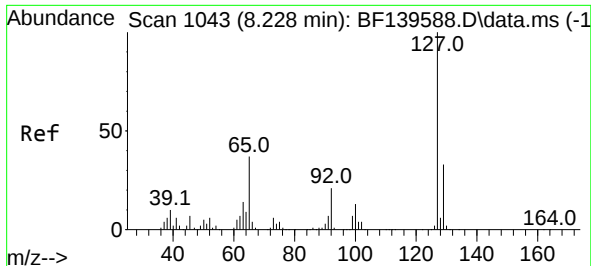
Tgt Ion:128 Resp: 835850  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.3 10.5 15.7



#32  
Benzoic acid  
Concen: 42.820 ng  
RT: 7.934 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:122 Resp: 195348  
Ion Ratio Lower Upper  
122 100  
105 128.2 104.9 144.9  
77 104.0 82.7 122.7

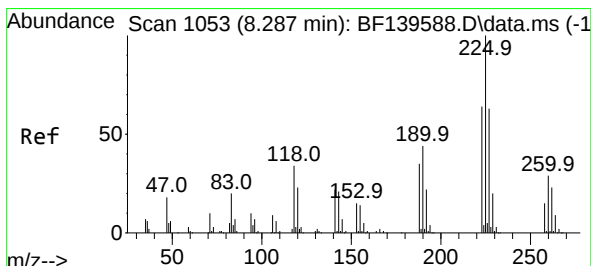
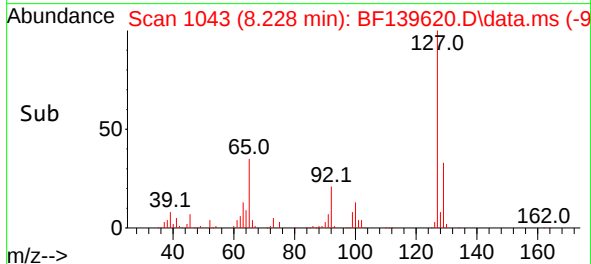
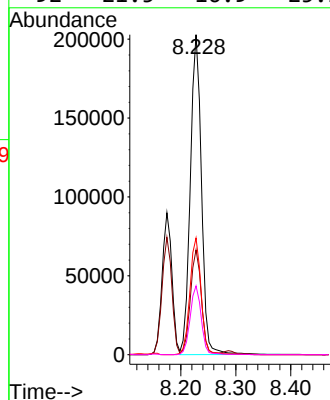
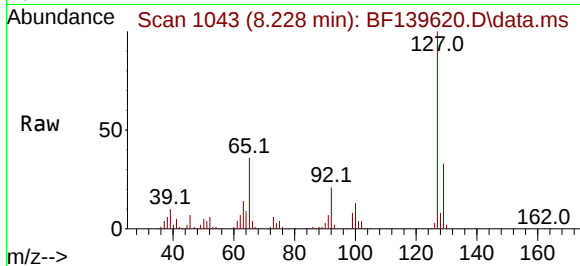




#33  
4-Chloroaniline  
Concen: 38.654 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

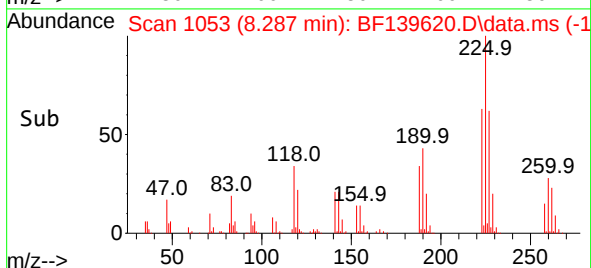
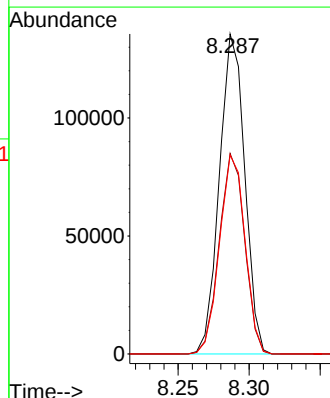
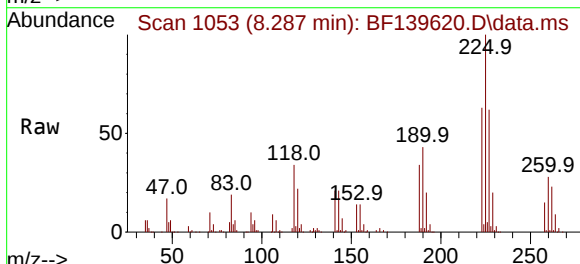
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

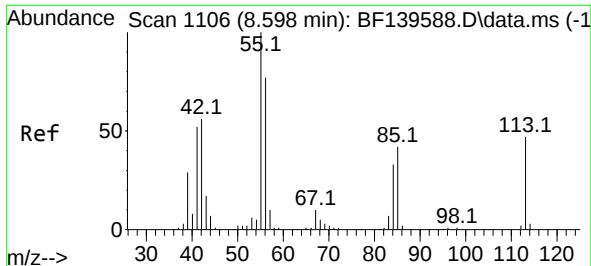
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 285151 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.2  | 39.4   |
| 65       | 36.4  | 29.3  | 43.9   |
| 92       | 21.5  | 16.9  | 25.3   |



#34  
Hexachlorobutadiene  
Concen: 38.388 ng  
RT: 8.287 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 168124 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 50.9  | 76.3   |
| 227      | 62.1  | 50.7  | 76.1   |

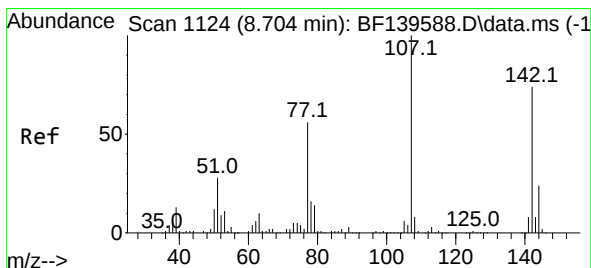
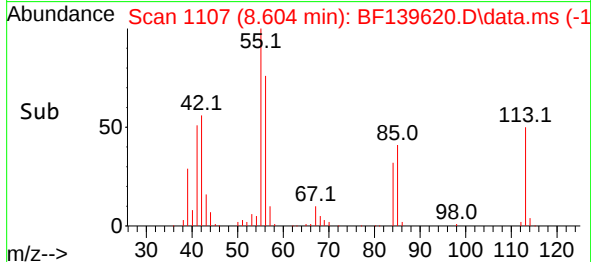
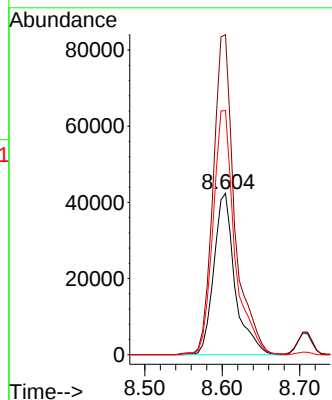
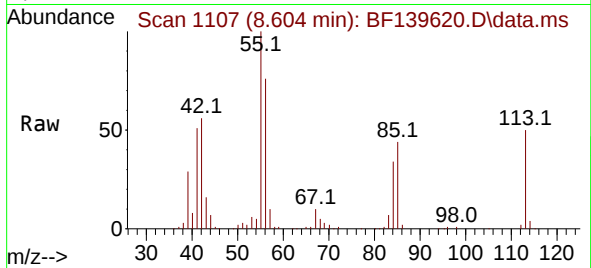




#35  
 Caprolactam  
 Concen: 40.812 ng  
 RT: 8.604 min Scan# 1106  
 Delta R.T. 0.006 min  
 Lab File: BF139620.D  
 Acq: 03 Oct 2024 09:56

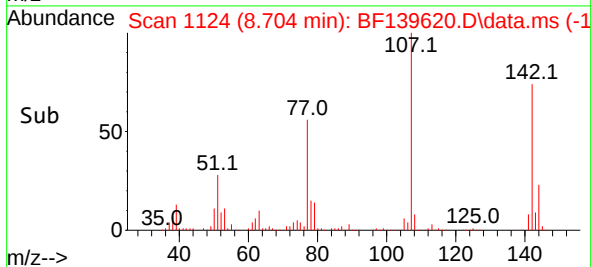
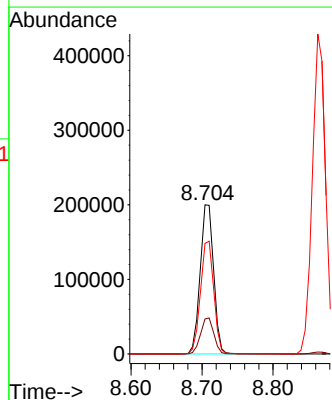
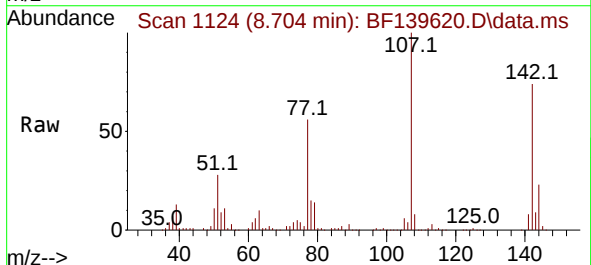
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

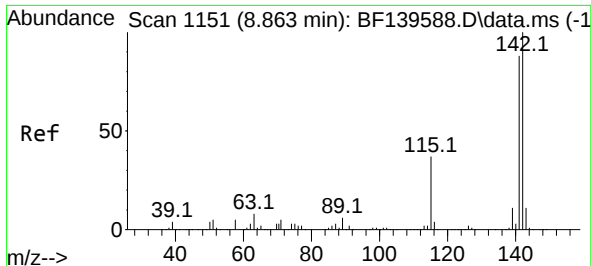
Tgt Ion:113 Resp: 80106  
 Ion Ratio Lower Upper  
 113 100  
 55 198.4 193.4 233.4  
 56 151.4 143.8 183.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.061 ng  
 RT: 8.704 min Scan# 1124  
 Delta R.T. -0.000 min  
 Lab File: BF139620.D  
 Acq: 03 Oct 2024 09:56

Tgt Ion:107 Resp: 264614  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 19.0 28.6  
 142 74.1 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.600 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

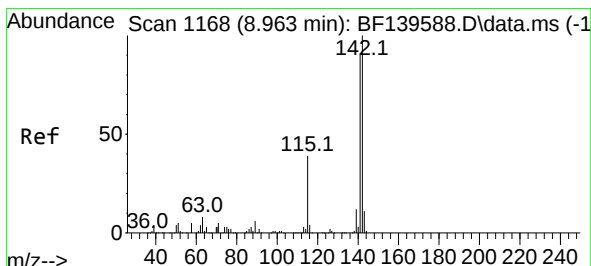
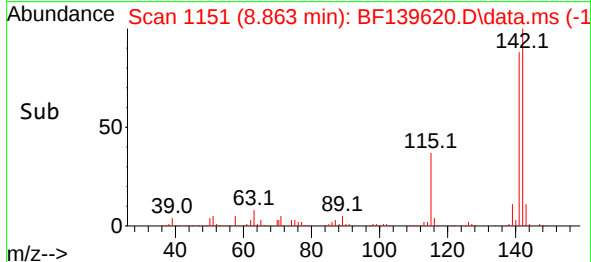
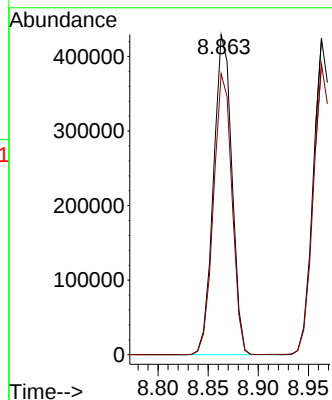
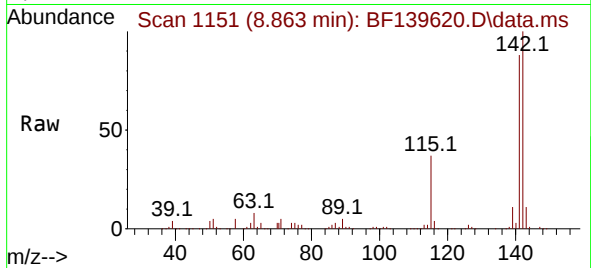
SSTDCCC040

Tgt Ion:142 Resp: 547895

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.340 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139620.D

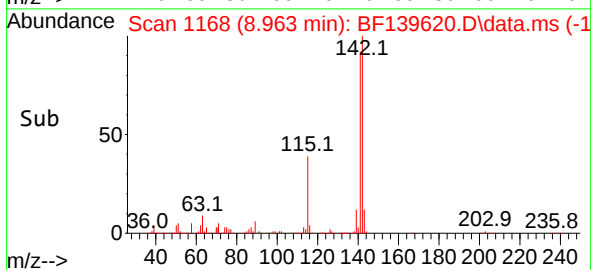
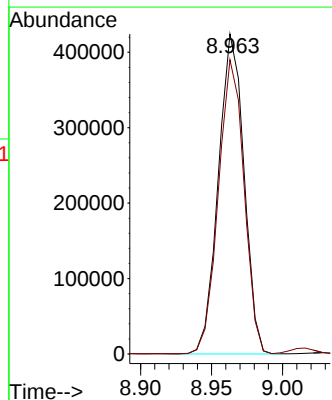
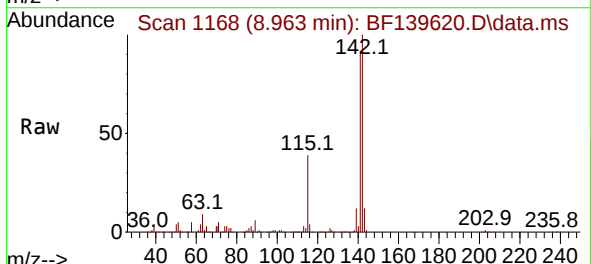
Acq: 03 Oct 2024 09:56

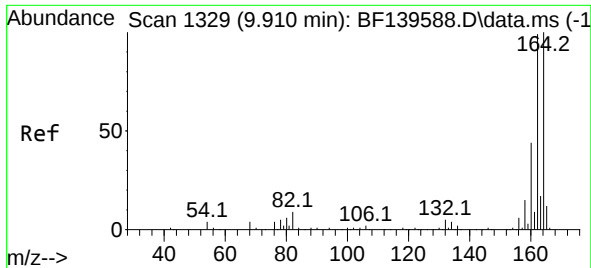
Tgt Ion:142 Resp: 531941

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.4

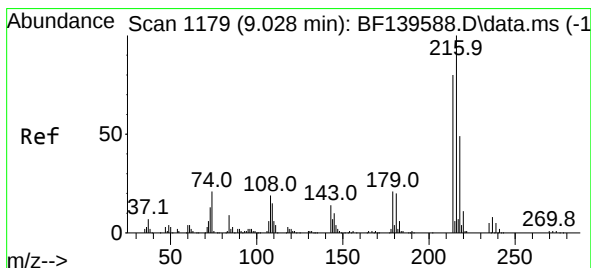
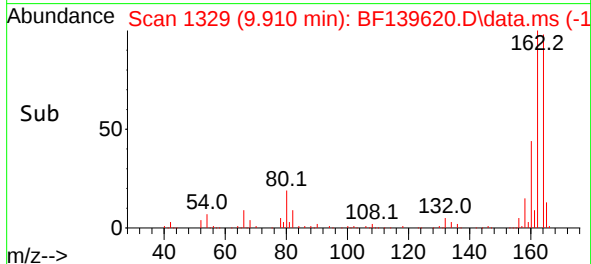
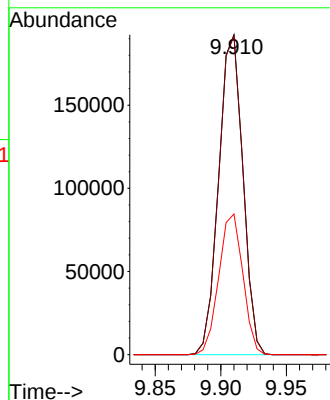
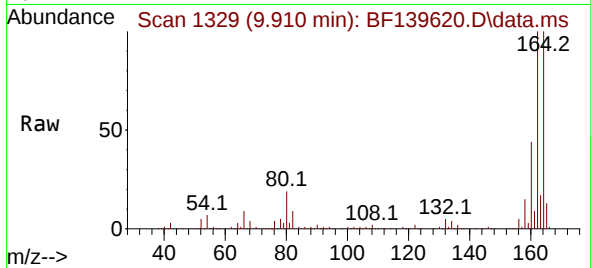




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

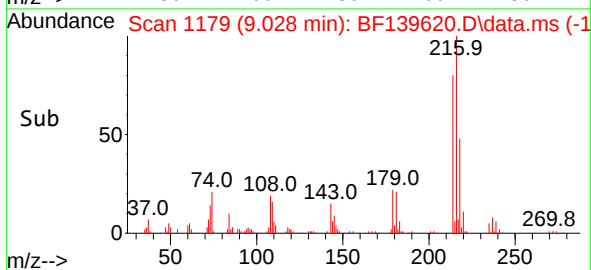
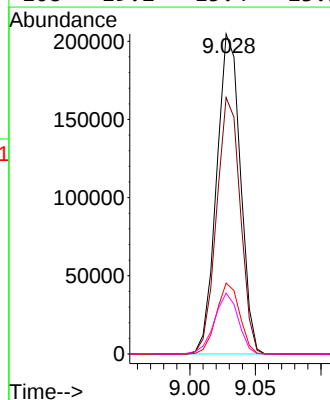
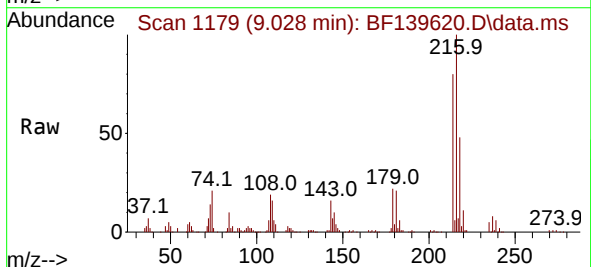
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

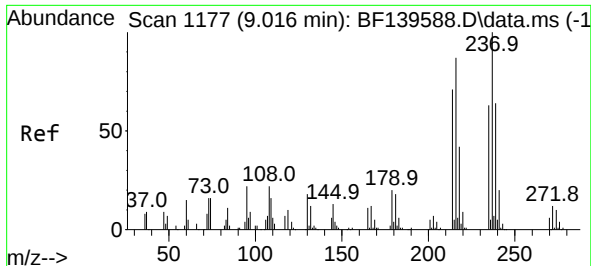
Tgt Ion:164 Resp: 246943  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.4 119.0  
160 43.9 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.533 ng  
RT: 9.028 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:216 Resp: 257374  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.7 95.5  
179 21.8 16.9 25.3  
108 19.2 15.4 23.2

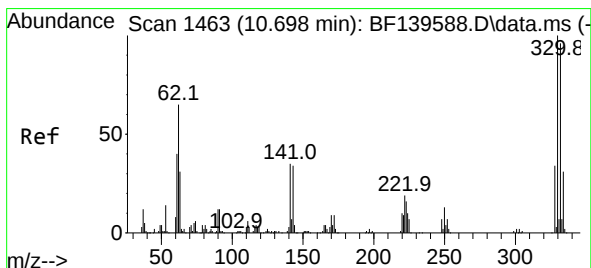
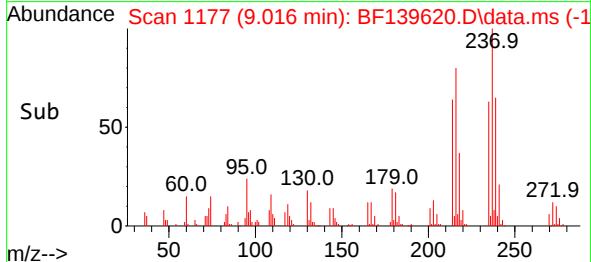
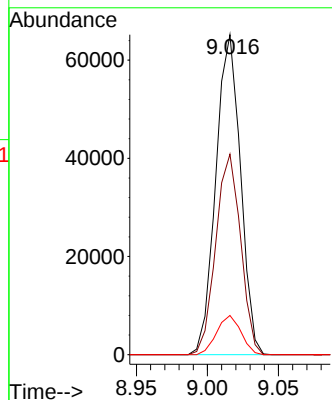
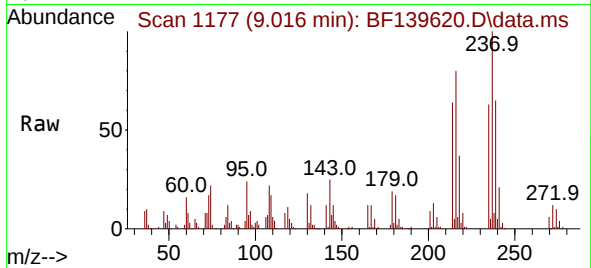




#41  
Hexachlorocyclopentadiene  
Concen: 37.461 ng  
RT: 9.016 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

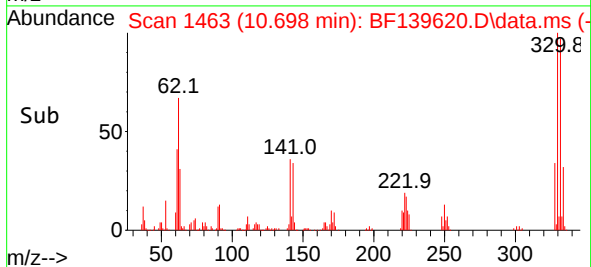
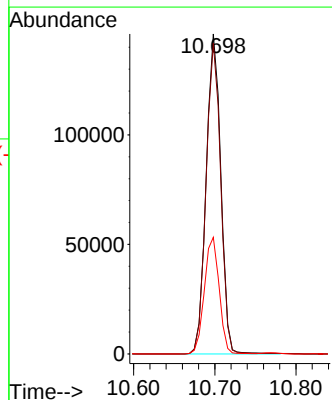
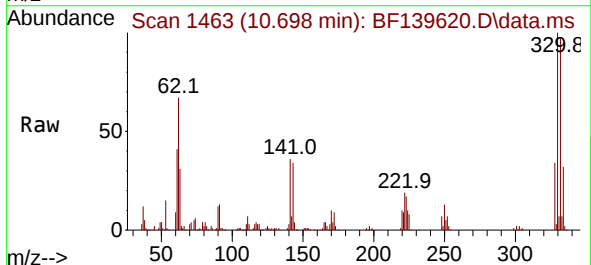
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 78766  
Ion Ratio Lower Upper  
237 100  
235 62.7 42.5 82.5  
272 12.2 0.0 32.1



#42  
2,4,6-Tribromophenol  
Concen: 76.488 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:330 Resp: 182335  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.5 114.7  
141 36.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 38.077 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

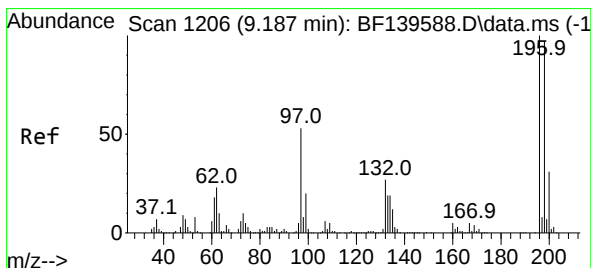
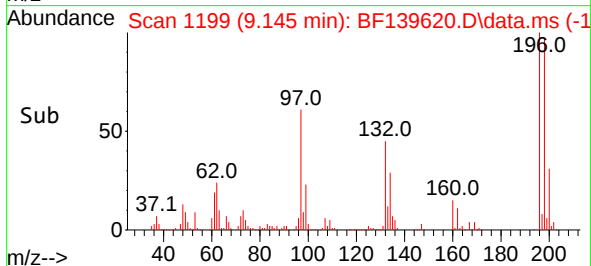
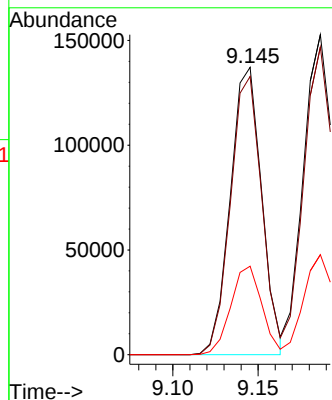
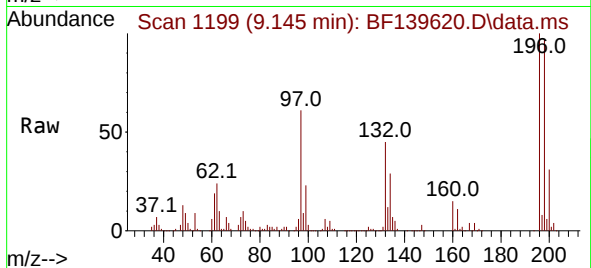
Tgt Ion:196 Resp: 176018

Ion Ratio Lower Upper

196 100

198 96.8 75.2 112.8

200 30.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 38.658 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Tgt Ion:196 Resp: 192715

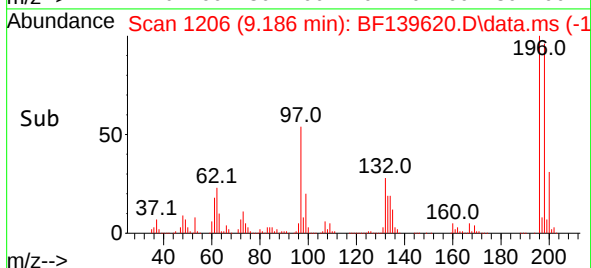
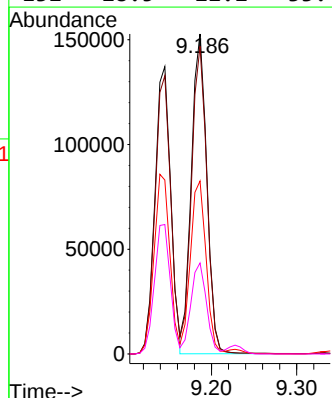
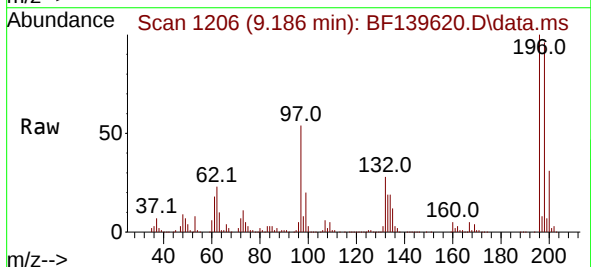
Ion Ratio Lower Upper

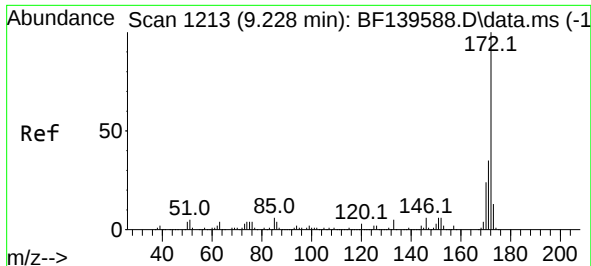
196 100

198 96.1 77.5 116.3

97 54.1 43.1 64.7

132 28.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 74.514 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

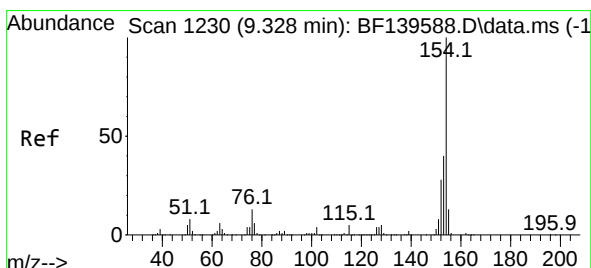
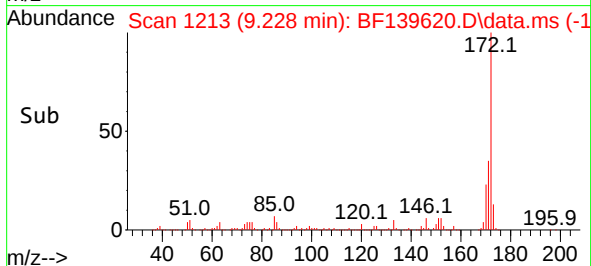
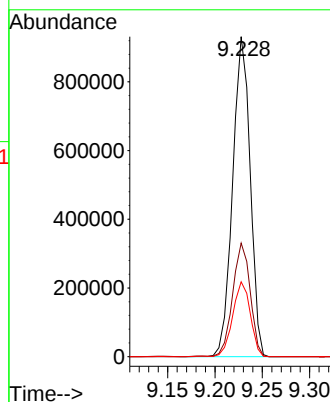
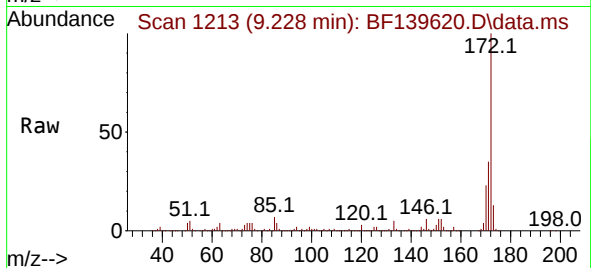
Tgt Ion:172 Resp: 1198595

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 37.504 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

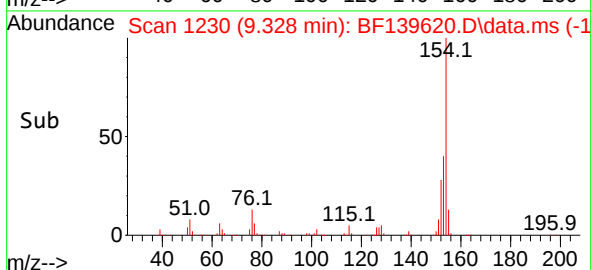
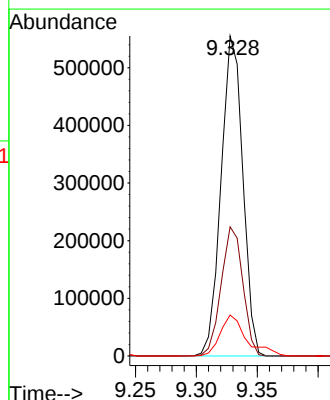
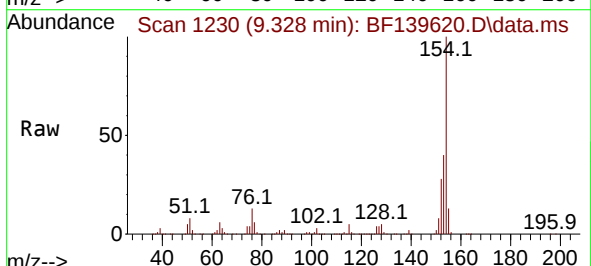
Tgt Ion:154 Resp: 688827

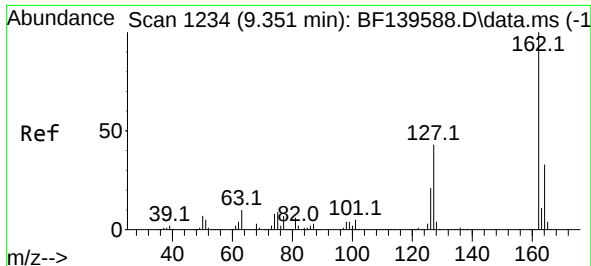
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 12.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 38.451 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

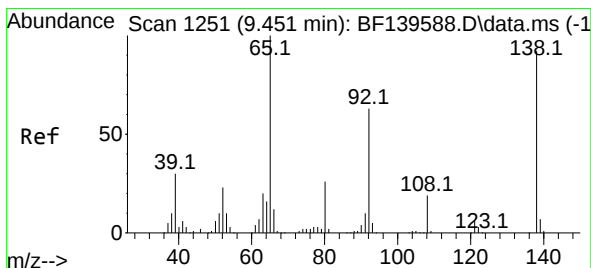
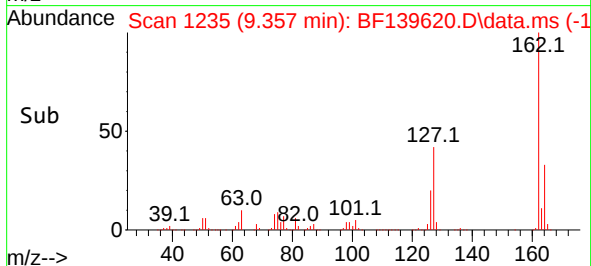
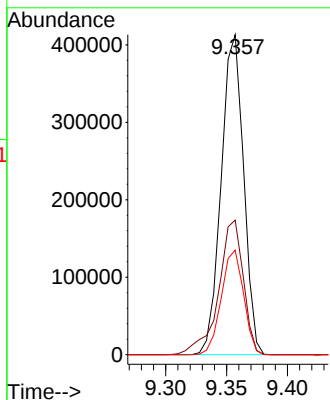
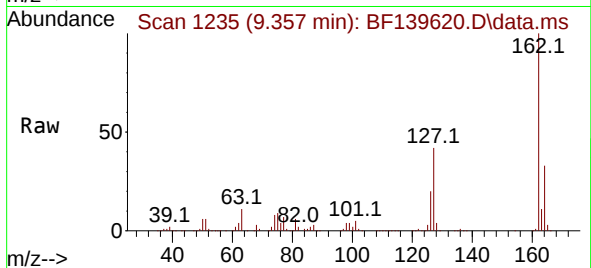
Tgt Ion:162 Resp: 529437

Ion Ratio Lower Upper

162 100

127 42.0 35.0 52.4

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 39.763 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

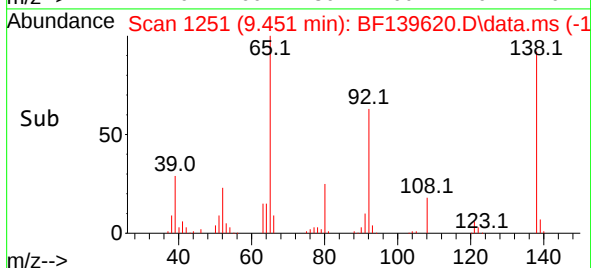
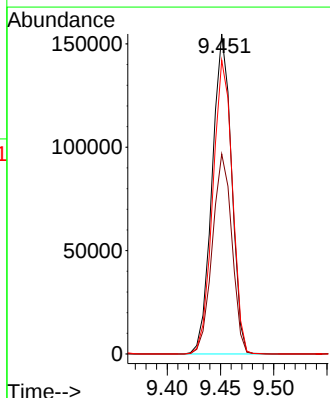
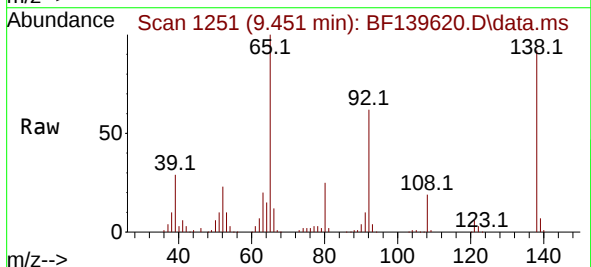
Tgt Ion: 65 Resp: 196538

Ion Ratio Lower Upper

65 100

92 62.5 50.0 75.0

138 91.8 73.8 110.8





#49

Acenaphthylene

Concen: 38.247 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

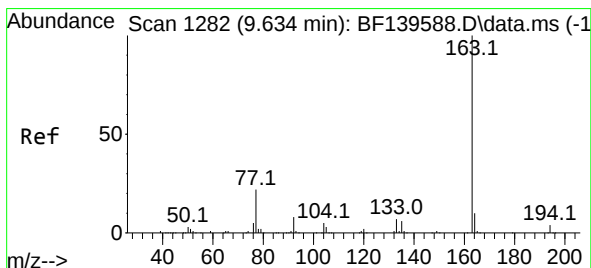
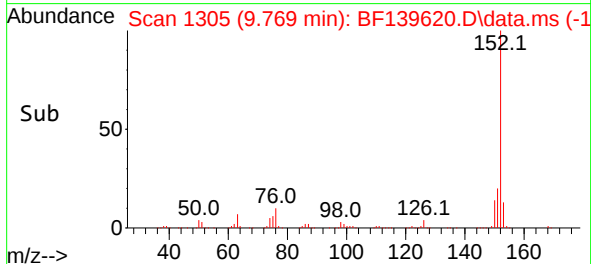
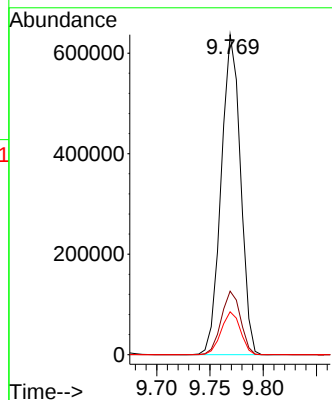
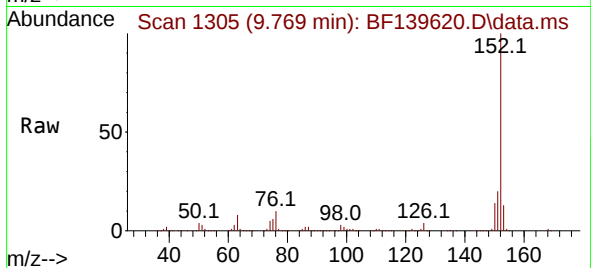
Tgt Ion:152 Resp: 800883

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 38.774 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

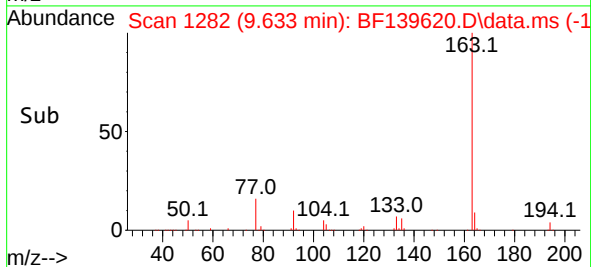
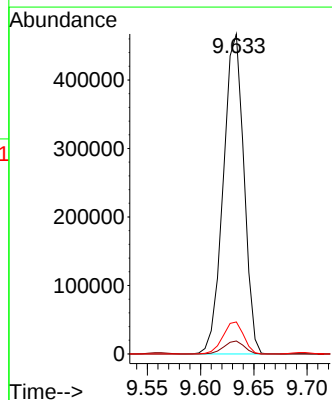
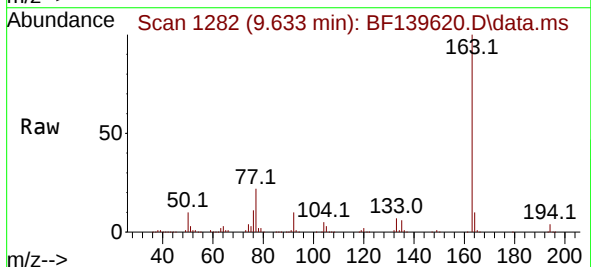
Tgt Ion:163 Resp: 626792

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.449 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

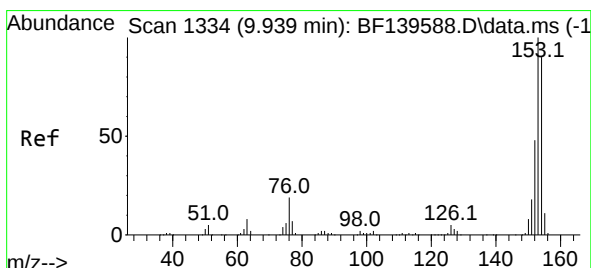
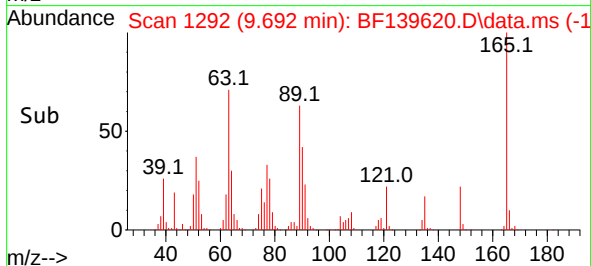
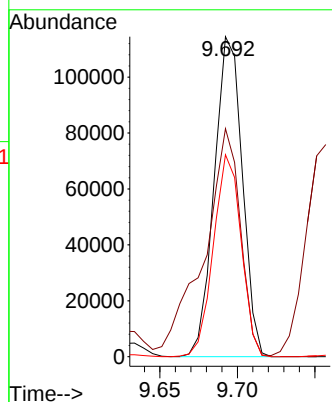
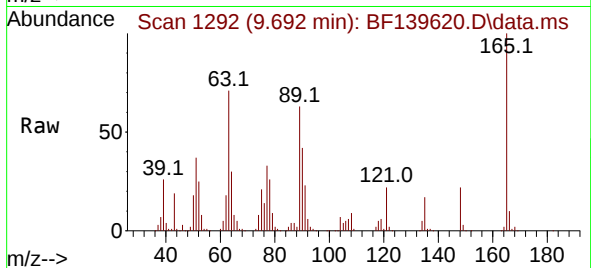
Tgt Ion:165 Resp: 144052

Ion Ratio Lower Upper

165 100

63 71.3 56.7 85.1

89 63.1 51.6 77.4



#52

Acenaphthene

Concen: 37.859 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

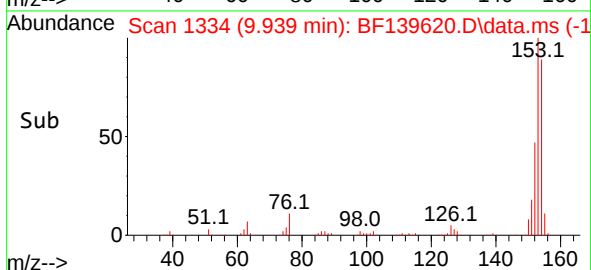
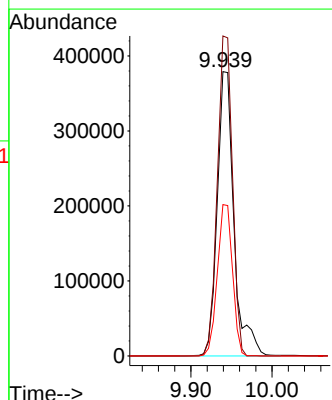
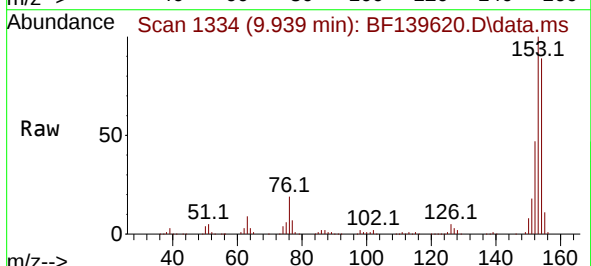
Tgt Ion:154 Resp: 544222

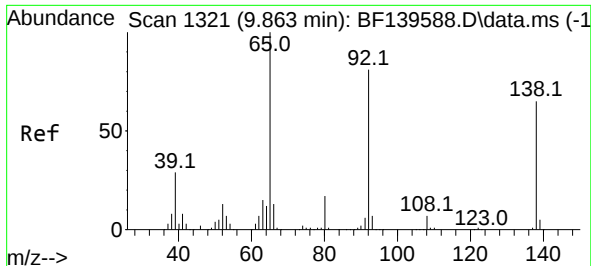
Ion Ratio Lower Upper

154 100

153 112.6 88.8 133.2

152 53.2 42.5 63.7

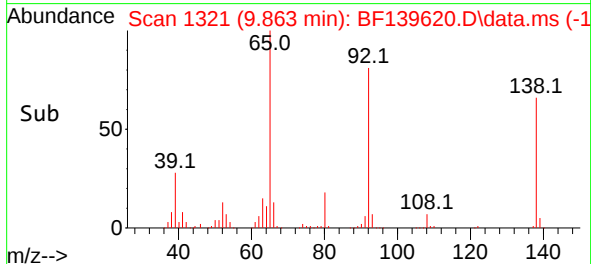
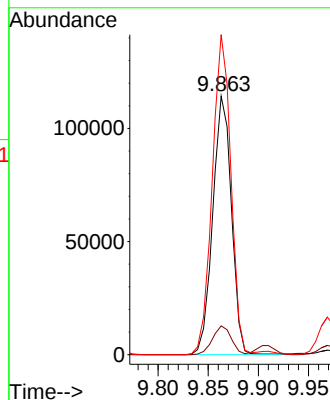
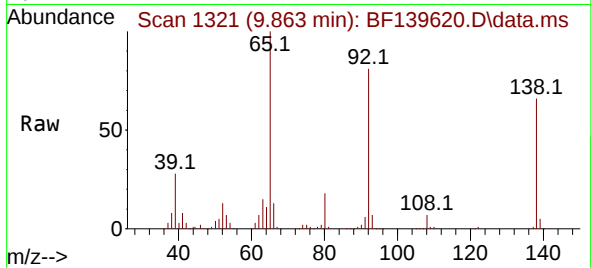




#53  
3-Nitroaniline  
Concen: 39.673 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

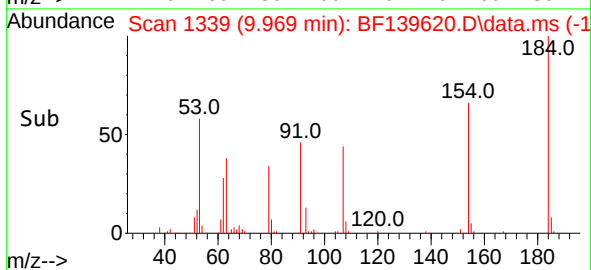
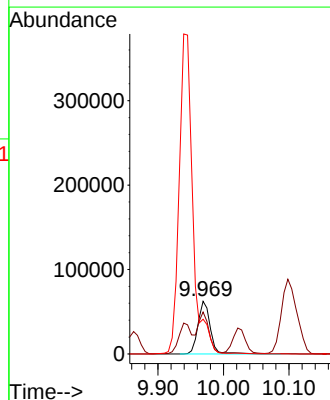
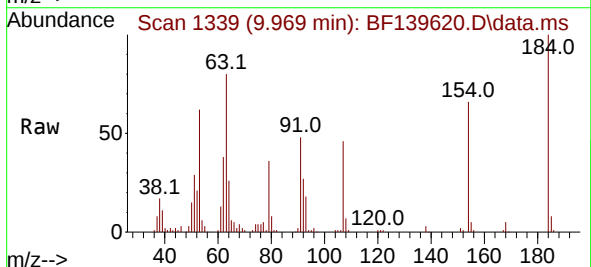
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

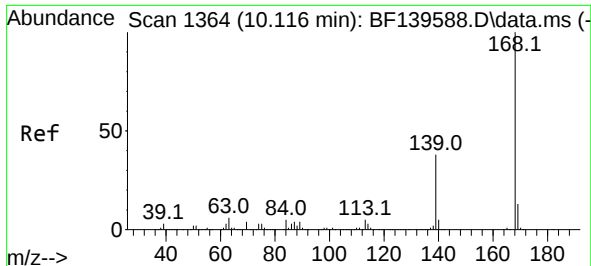
Tgt Ion:138 Resp: 148045  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.8 13.2  
92 123.7 100.0 150.0



#54  
2,4-Dinitrophenol  
Concen: 41.756 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:184 Resp: 82011  
Ion Ratio Lower Upper  
184 100  
63 79.7 61.7 92.5  
154 65.9 53.0 79.4

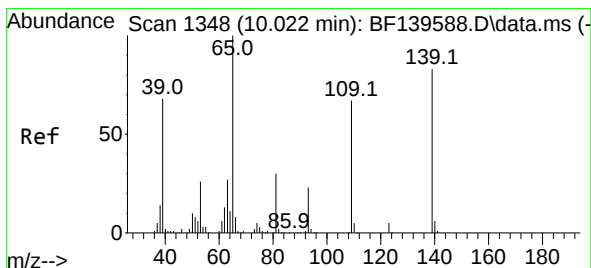
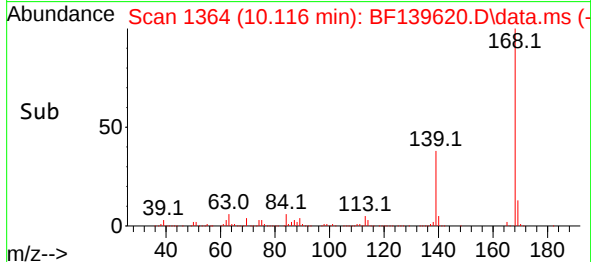
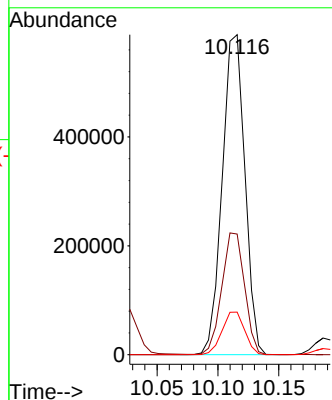
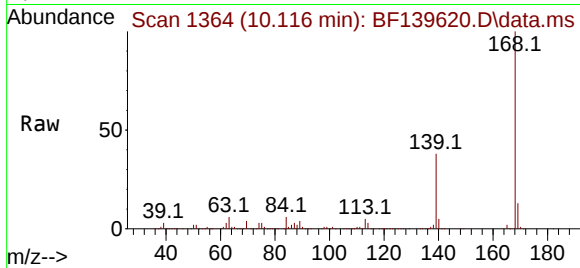




#55  
Dibenzofuran  
Concen: 37.855 ng  
RT: 10.116 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

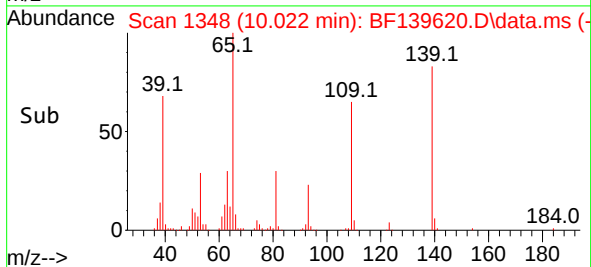
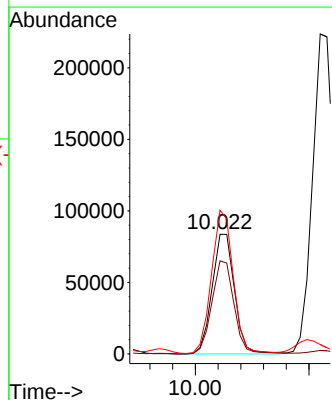
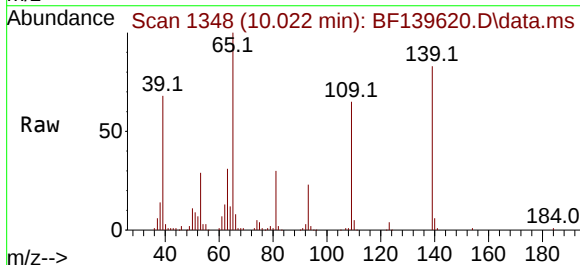
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

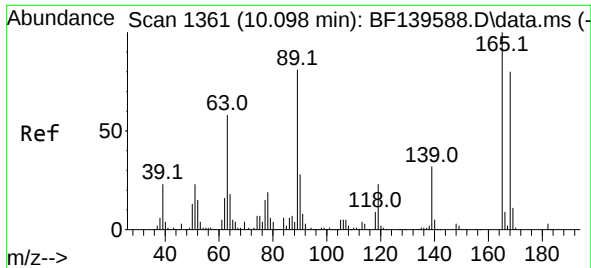
Tgt Ion:168 Resp: 761911  
Ion Ratio Lower Upper  
168 100  
139 37.7 30.4 45.6  
169 13.3 10.7 16.1



#56  
4-Nitrophenol  
Concen: 40.246 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:139 Resp: 114528  
Ion Ratio Lower Upper  
139 100  
109 77.8 60.3 100.3  
65 120.0 100.8 140.8

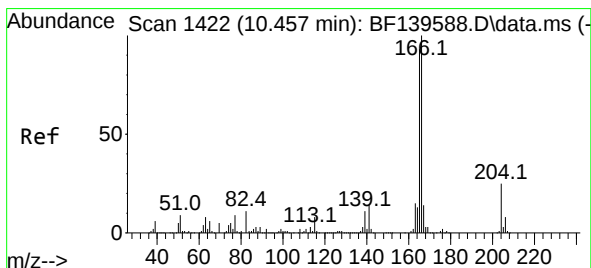
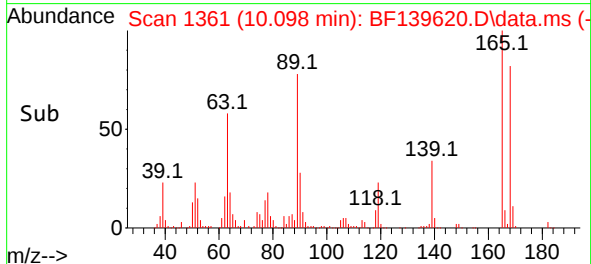
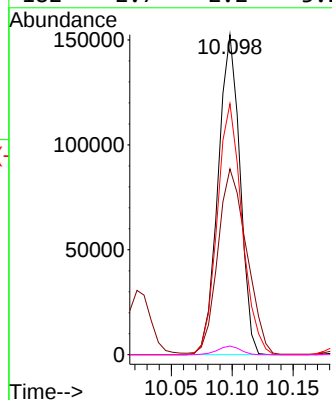
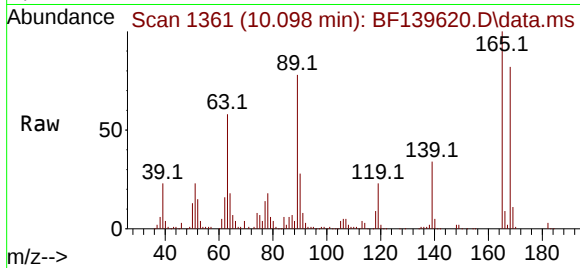




#57  
2,4-Dinitrotoluene  
Concen: 40.009 ng  
RT: 10.098 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

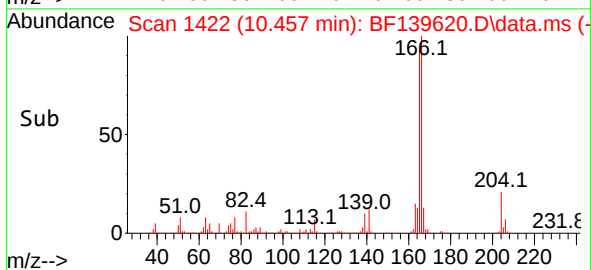
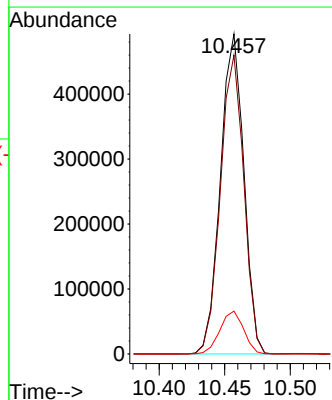
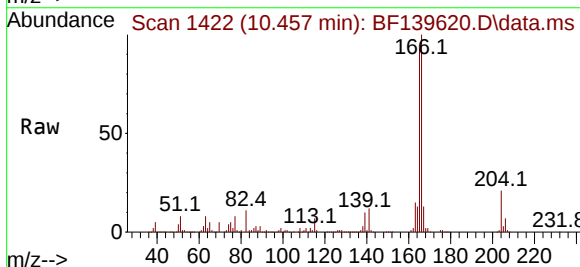
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 190969  
Ion Ratio Lower Upper  
165 100  
63 58.1 46.9 70.3  
89 78.5 64.4 96.6  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 38.075 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:166 Resp: 610368  
Ion Ratio Lower Upper  
166 100  
165 93.4 74.4 111.6  
167 13.4 10.9 16.3

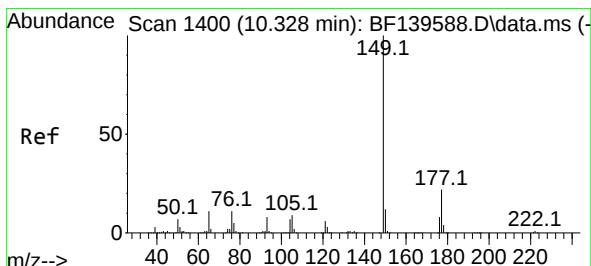
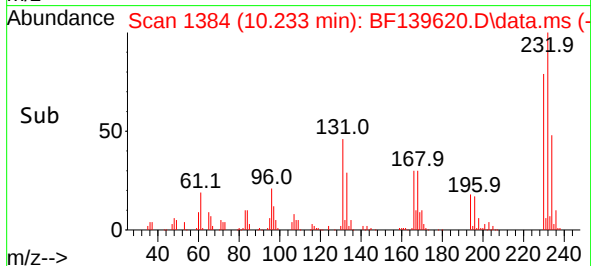
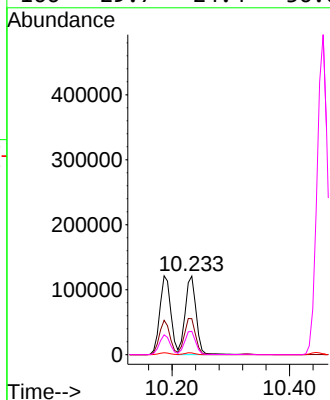
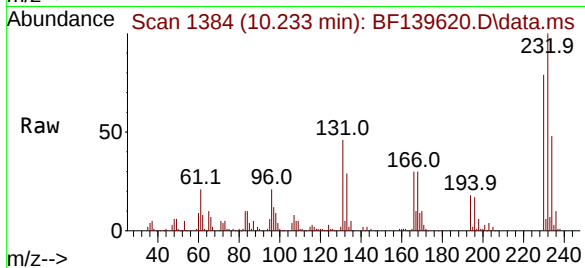




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.628 ng  
RT: 10.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

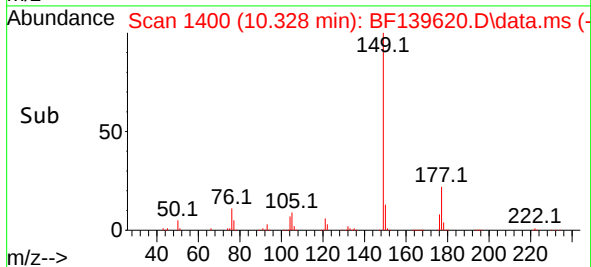
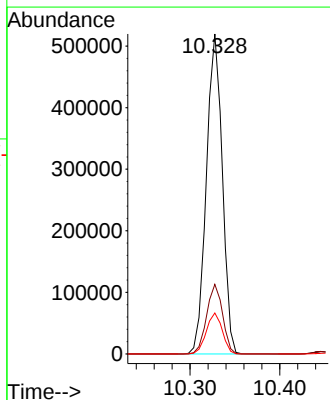
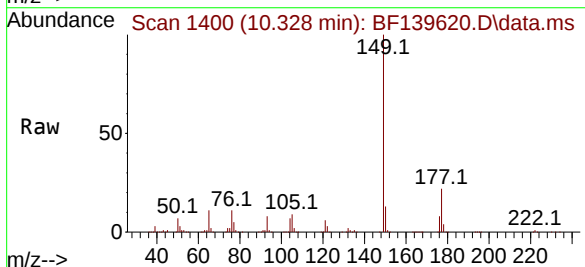
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

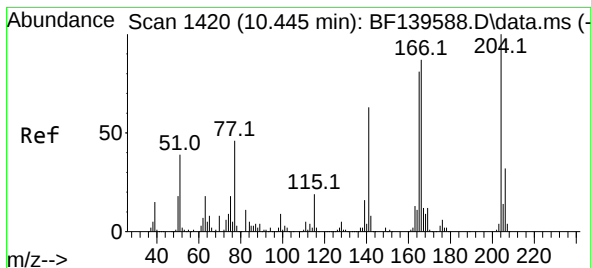
Tgt Ion:232 Resp: 155532  
Ion Ratio Lower Upper  
232 100  
131 47.2 37.8 56.6  
130 2.4 1.9 2.9  
166 29.7 24.4 36.6



#60  
Diethylphthalate  
Concen: 38.362 ng  
RT: 10.328 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:149 Resp: 640516  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.4 26.0  
150 12.8 10.0 15.0

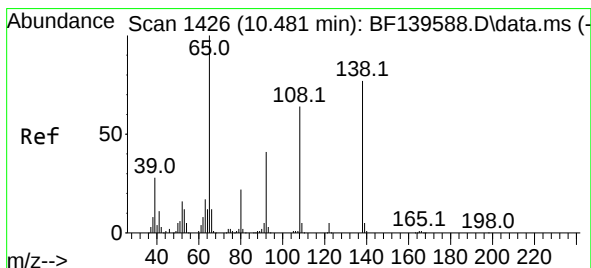
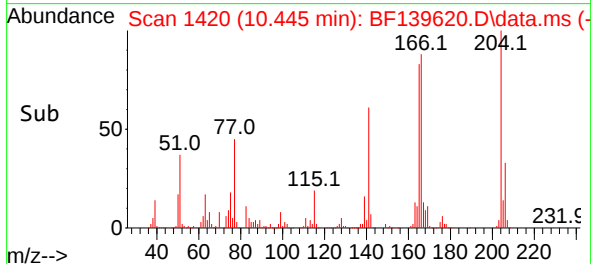
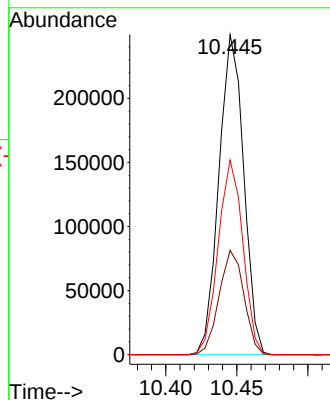
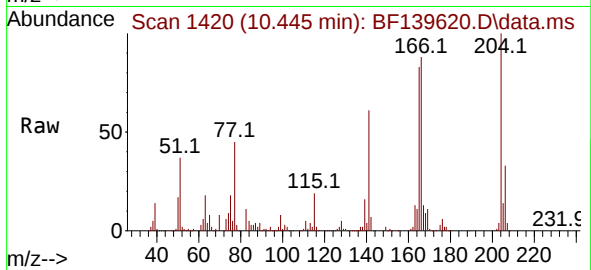




#61  
4-Chlorophenyl-phenylether  
Concen: 37.796 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

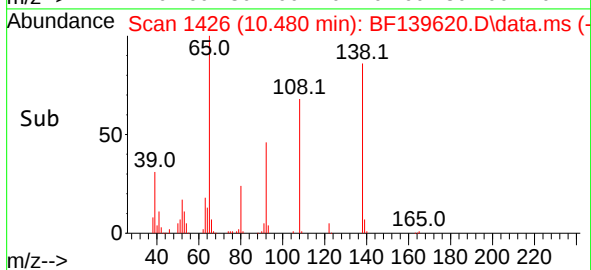
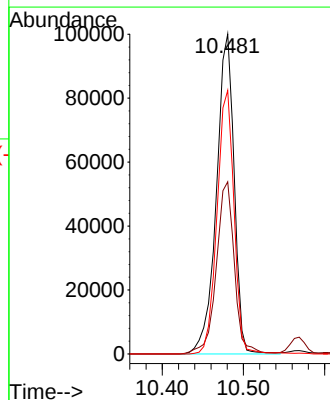
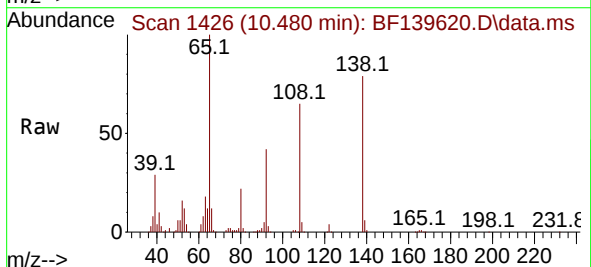
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

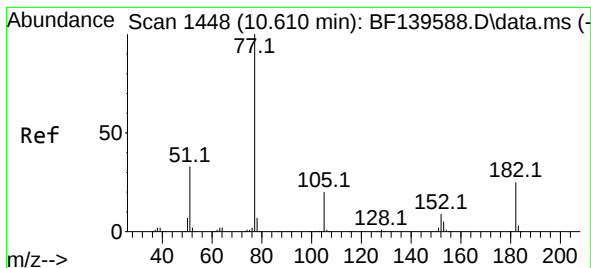
Tgt Ion:204 Resp: 303125  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.9 38.9  
141 60.8 50.5 75.7



#62  
4-Nitroaniline  
Concen: 39.859 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:138 Resp: 152144  
Ion Ratio Lower Upper  
138 100  
92 53.8 33.3 73.3  
108 82.3 62.1 102.1





#63

Azobenzene

Concen: 38.187 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 641215

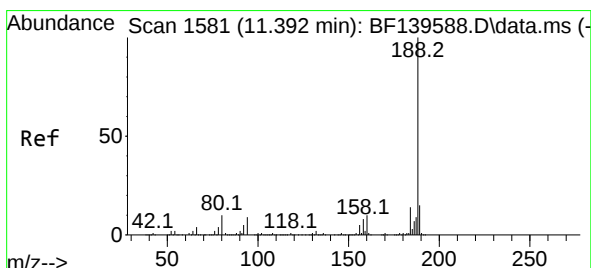
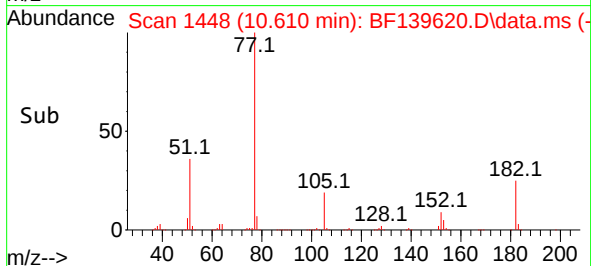
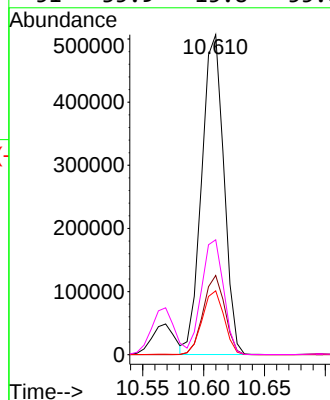
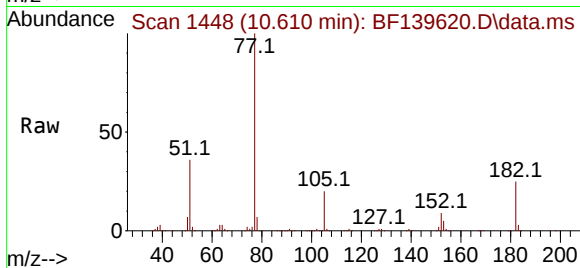
Ion Ratio Lower Upper

77 100

182 24.7 4.2 44.2

105 20.0 0.0 39.6

51 35.9 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

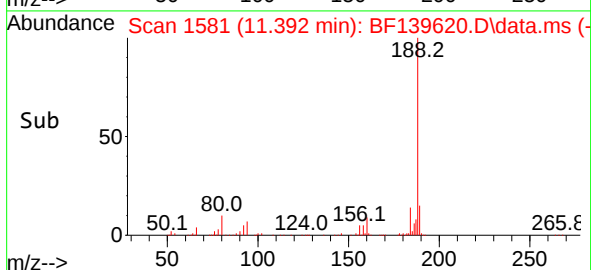
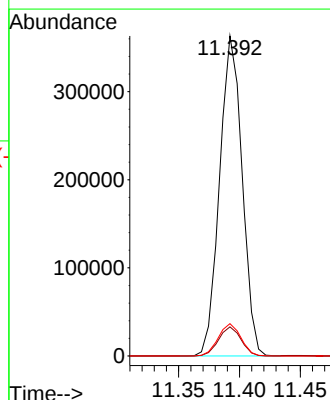
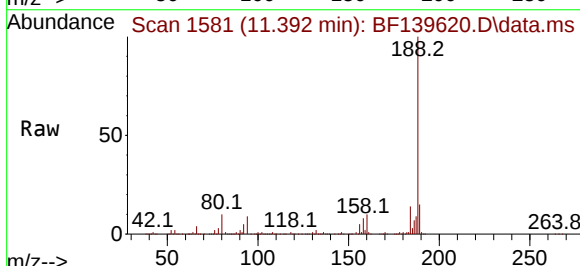
Tgt Ion: 188 Resp: 468897

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.1 8.2 12.2

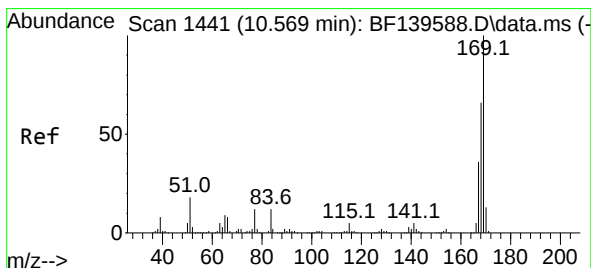
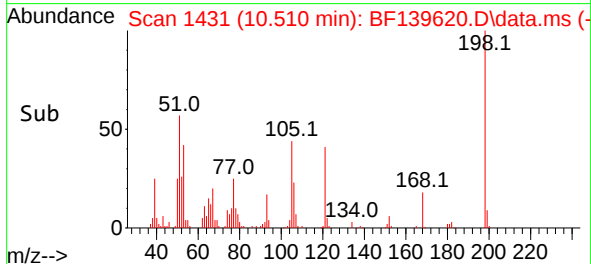
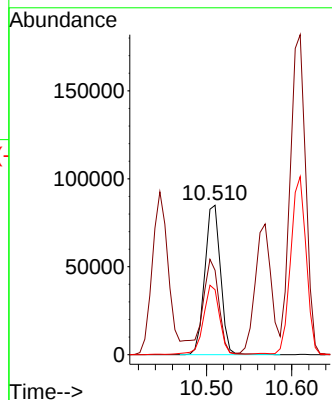
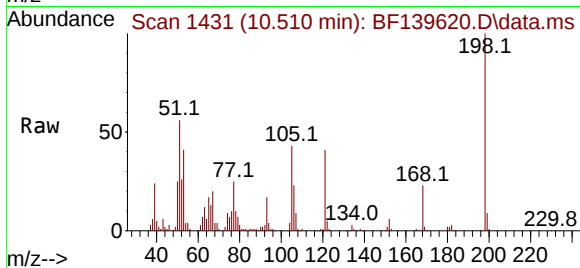




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.319 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

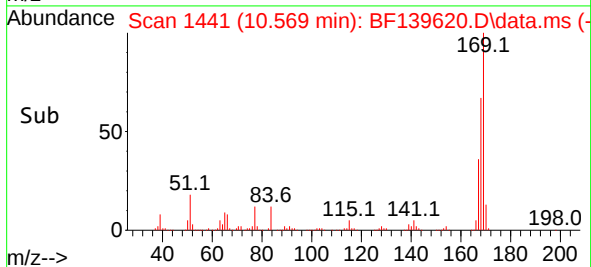
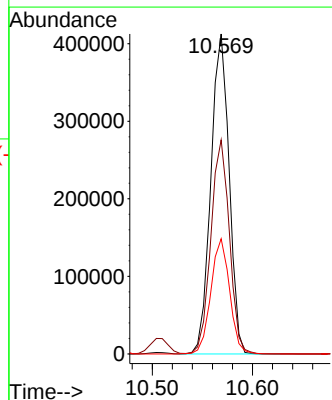
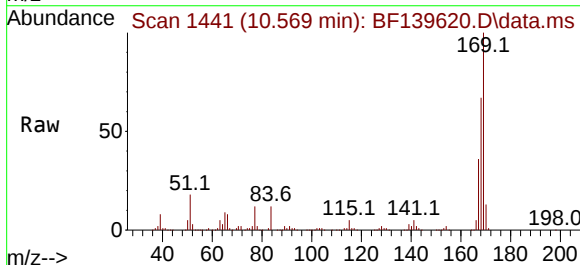
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

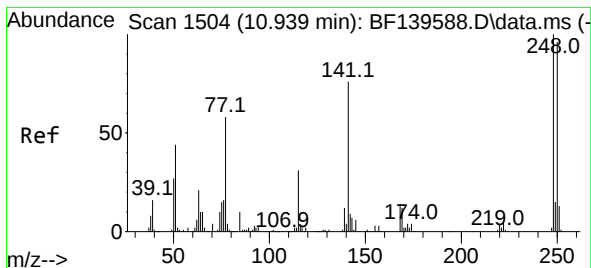
Tgt Ion:198 Resp: 109424  
Ion Ratio Lower Upper  
198 100  
51 56.4 43.0 83.0  
105 43.5 26.6 66.6



#66  
n-Nitrosodiphenylamine  
Concen: 37.800 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:169 Resp: 522454  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.2 79.8  
167 36.0 28.6 43.0

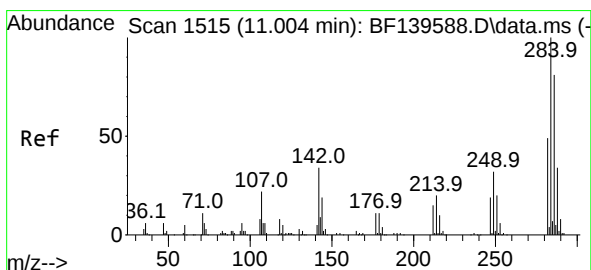
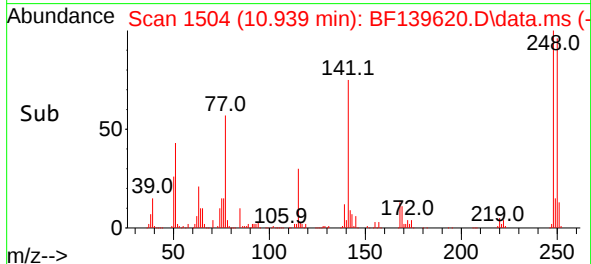
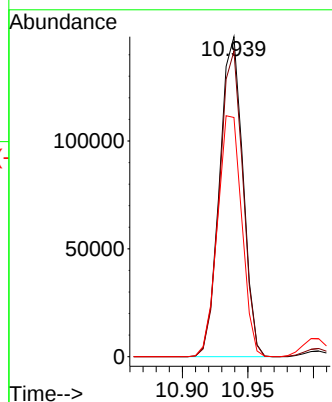
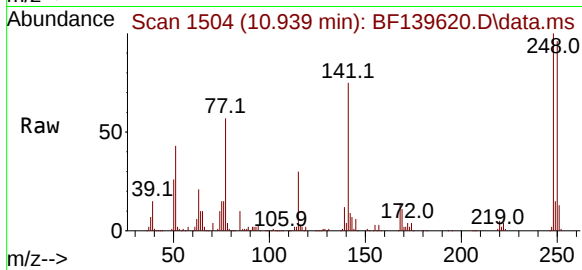




#67  
4-Bromophenyl-phenylether  
Concen: 38.216 ng  
RT: 10.939 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

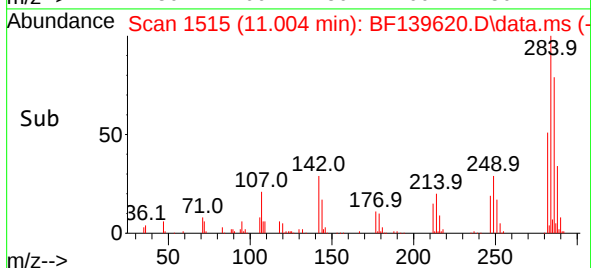
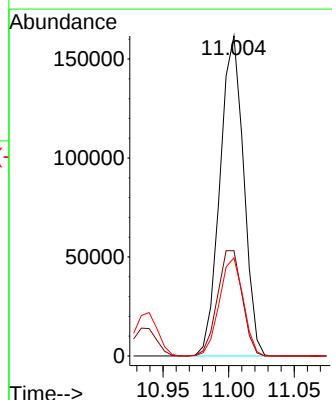
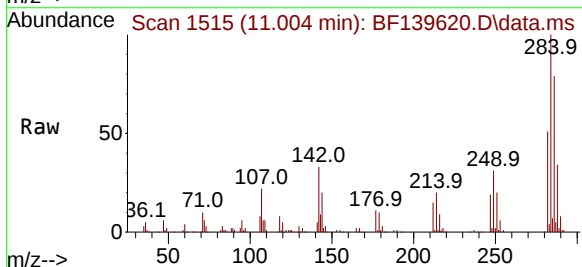
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 183729  
Ion Ratio Lower Upper  
248 100  
250 95.5 77.1 115.7  
141 74.7 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 38.015 ng  
RT: 11.004 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:284 Resp: 202804  
Ion Ratio Lower Upper  
284 100  
142 32.9 26.9 40.3  
249 30.6 25.4 38.0





#69

Atrazine

Concen: 31.701 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

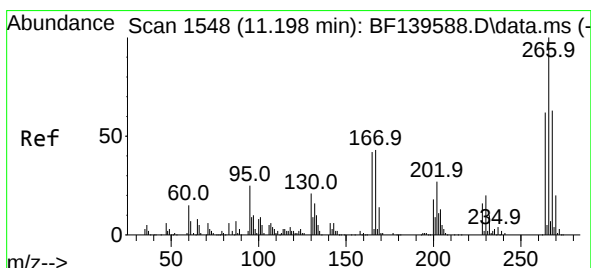
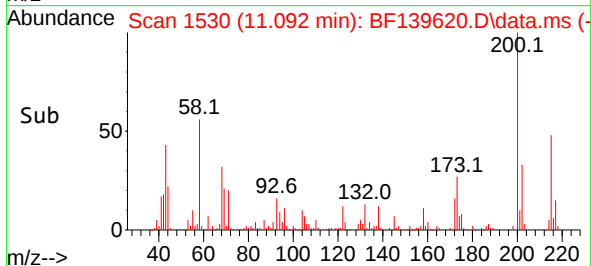
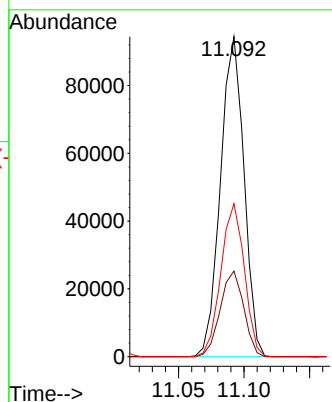
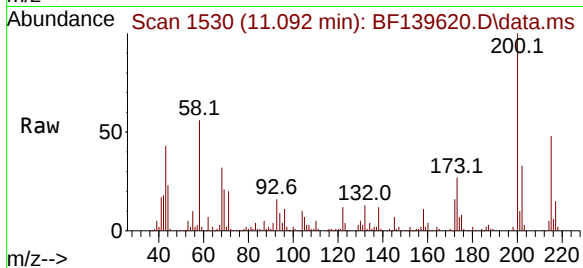
Tgt Ion:200 Resp: 117559

Ion Ratio Lower Upper

200 100

173 26.7 6.7 46.7

215 47.8 27.5 67.5



#70

Pentachlorophenol

Concen: 39.004 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

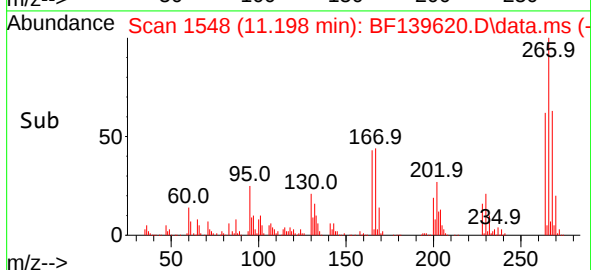
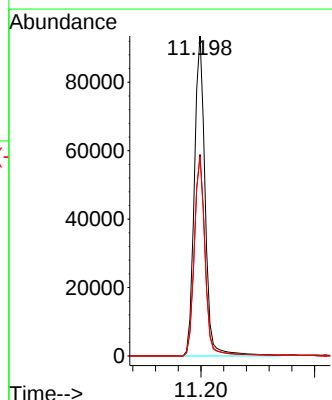
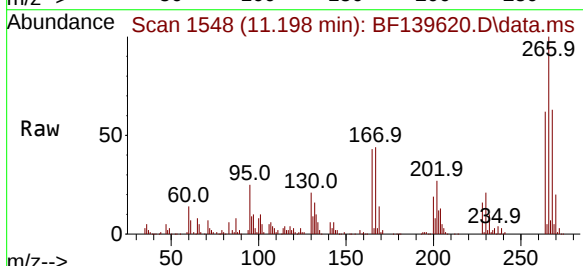
Tgt Ion:266 Resp: 123898

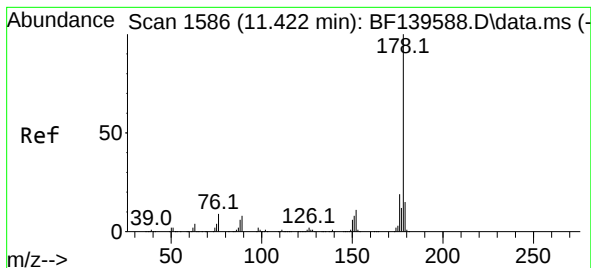
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 62.3 49.3 73.9

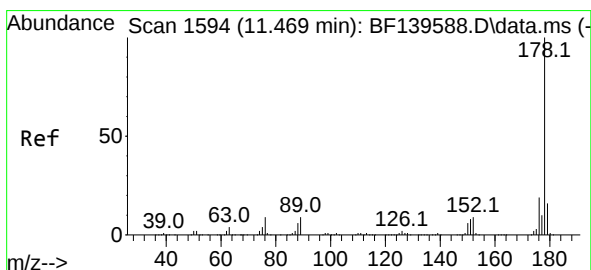
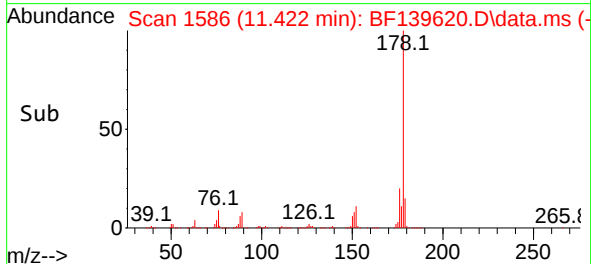
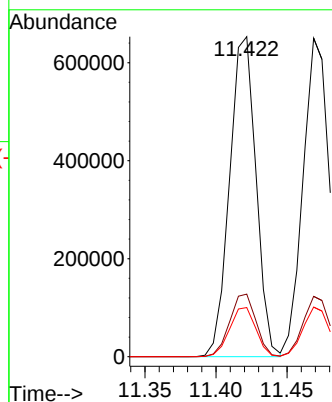
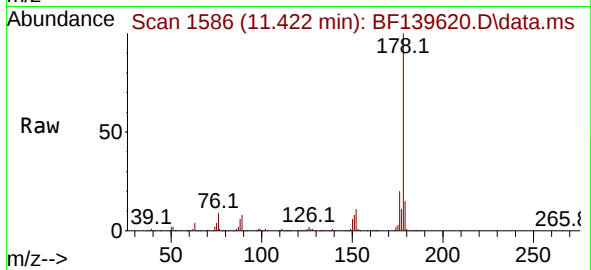




#71  
Phenanthrene  
Concen: 38.211 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

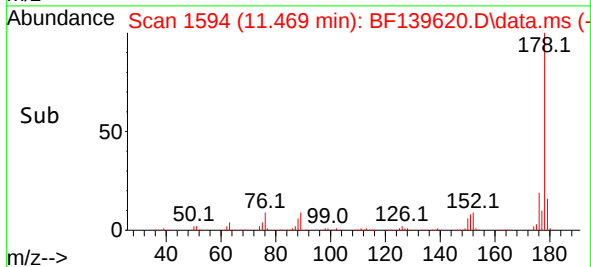
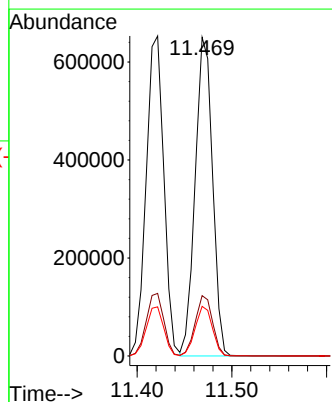
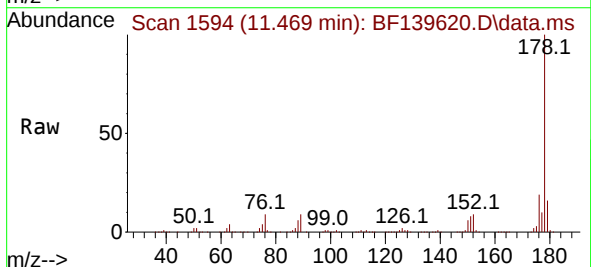
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

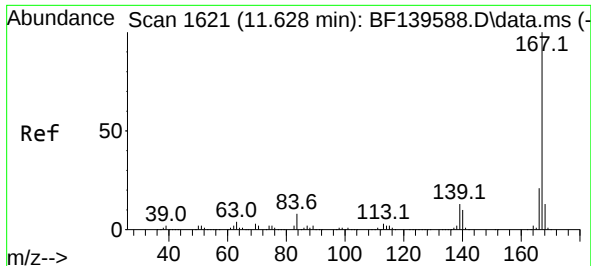
Tgt Ion:178 Resp: 844805  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.3 12.3 18.5



#72  
Anthracene  
Concen: 37.983 ng  
RT: 11.469 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:178 Resp: 830771  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 15.6 12.5 18.7

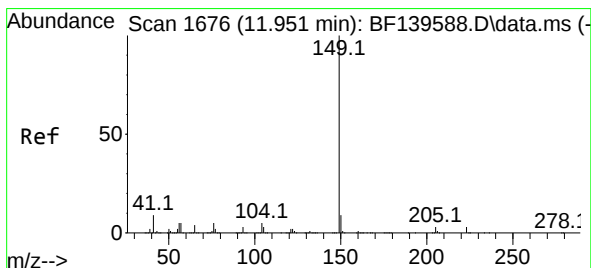
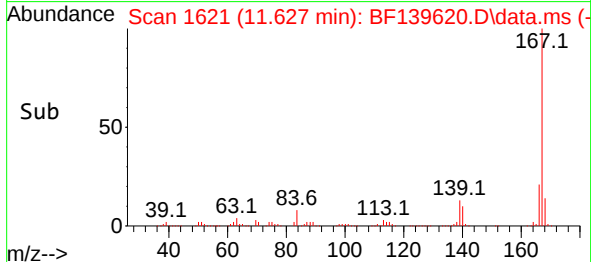
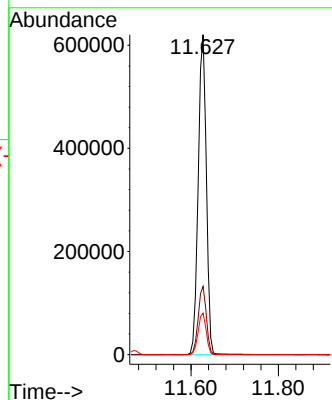
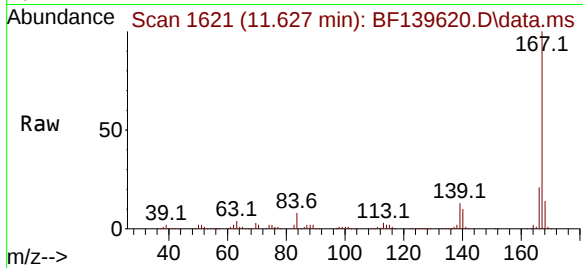




#73  
 Carbazole  
 Concen: 38.329 ng  
 RT: 11.627 min Scan# 1621  
 Delta R.T. -0.000 min  
 Lab File: BF139620.D  
 Acq: 03 Oct 2024 09:56

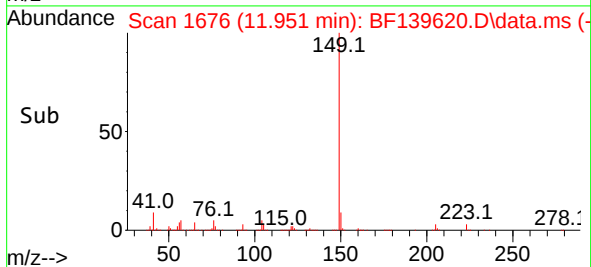
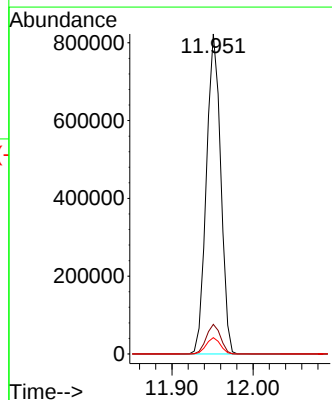
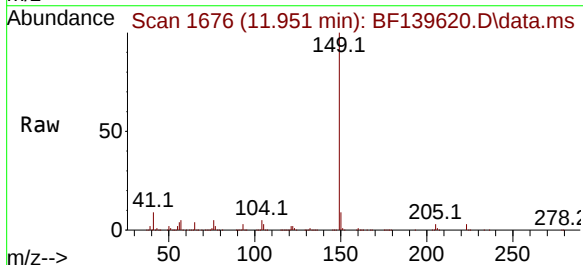
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

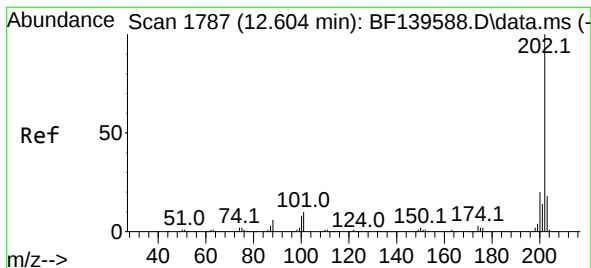
Tgt Ion:167 Resp: 805181  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.2 25.8  
 139 13.0 10.3 15.5



#74  
 Di-n-butylphthalate  
 Concen: 39.331 ng  
 RT: 11.951 min Scan# 1676  
 Delta R.T. -0.000 min  
 Lab File: BF139620.D  
 Acq: 03 Oct 2024 09:56

Tgt Ion:149 Resp: 1004728  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 38.115 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

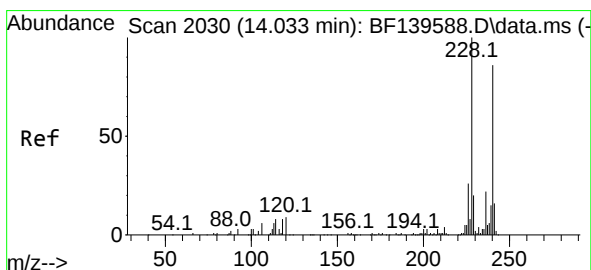
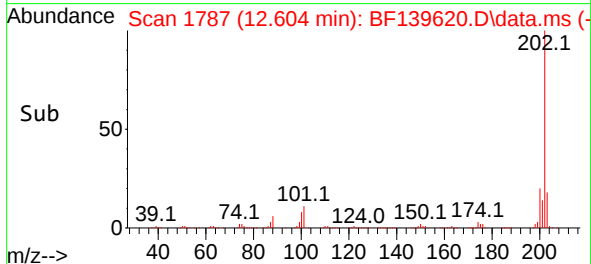
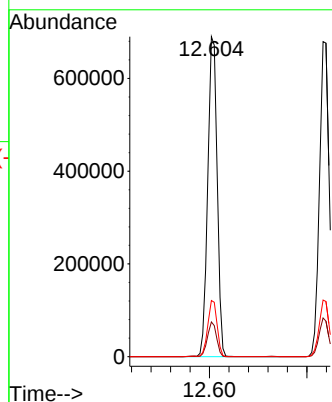
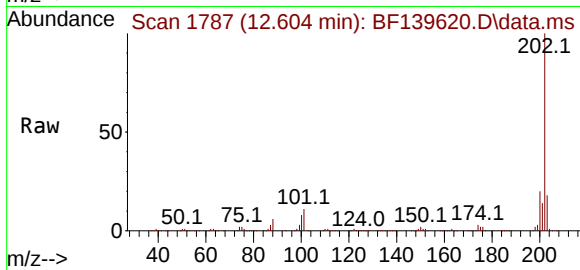
Tgt Ion:202 Resp: 921172

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.2

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

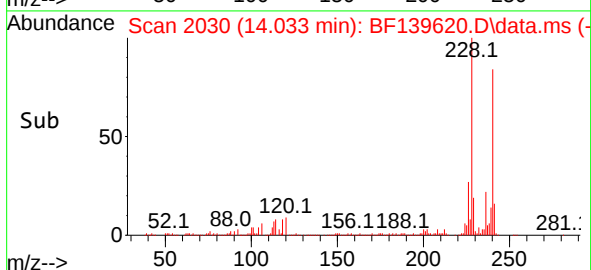
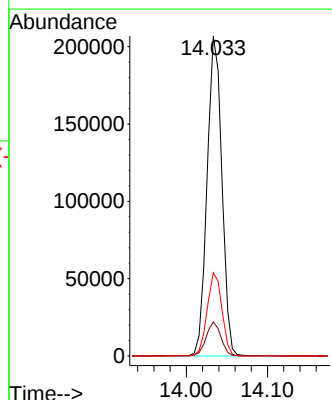
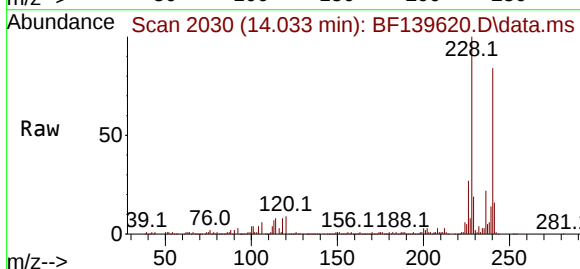
Tgt Ion:240 Resp: 260761

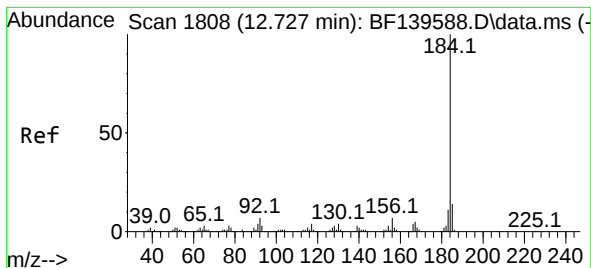
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 26.0 20.3 30.5





#77

Benzidine

Concen: 39.485 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

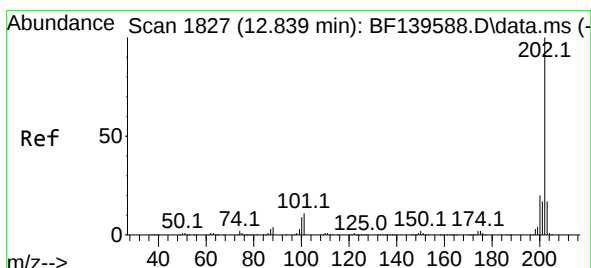
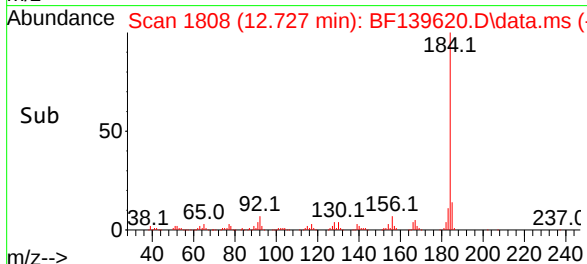
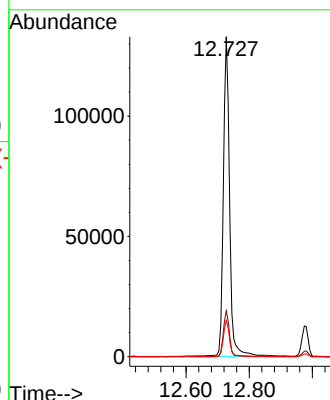
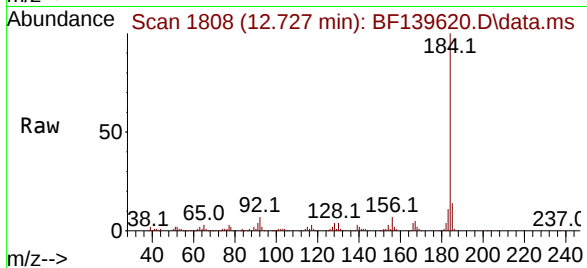
Tgt Ion:184 Resp: 181613

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.3 8.8 13.2



#78

Pyrene

Concen: 39.693 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

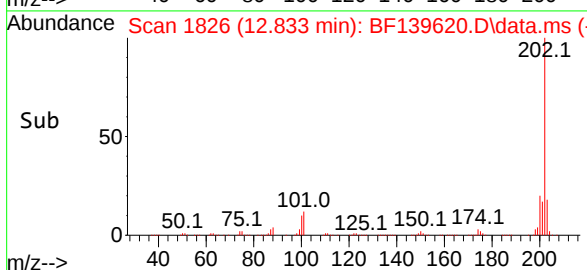
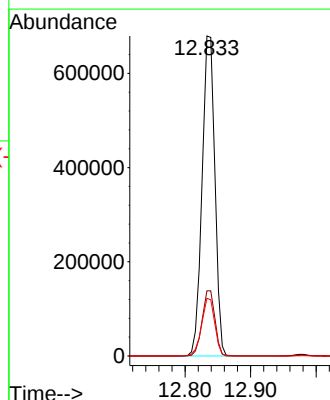
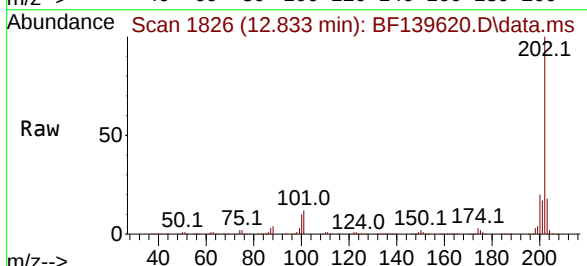
Tgt Ion:202 Resp: 925736

Ion Ratio Lower Upper

202 100

200 20.4 15.8 23.6

203 18.0 13.8 20.8





#79

Terphenyl-d14

Concen: 78.772 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

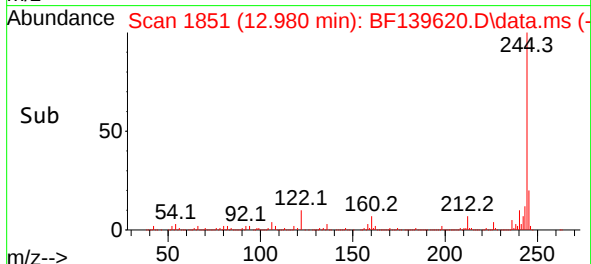
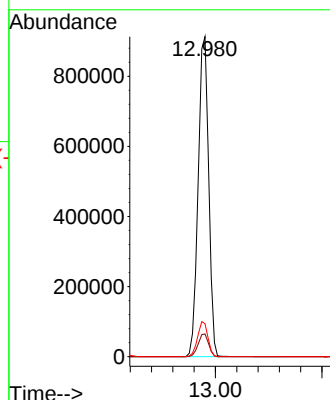
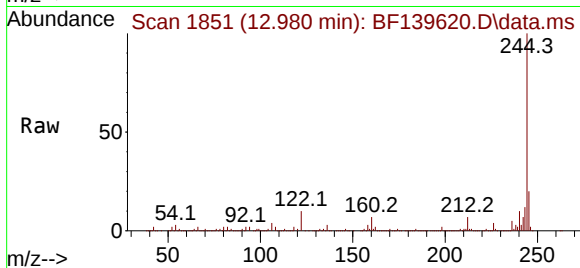
Tgt Ion:244 Resp: 1251851

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.3 8.6 12.8



#80

Butylbenzylphthalate

Concen: 41.981 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

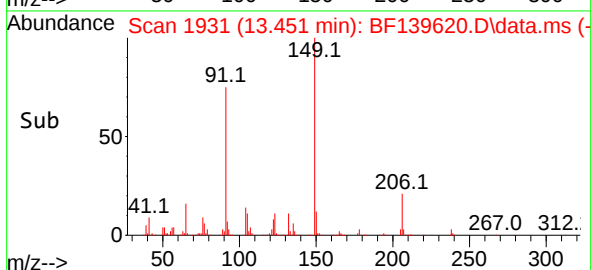
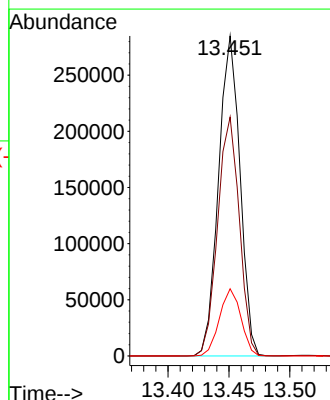
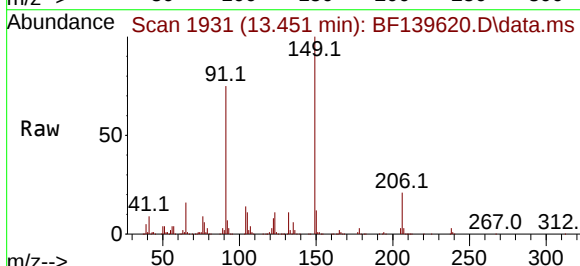
Tgt Ion:149 Resp: 350215

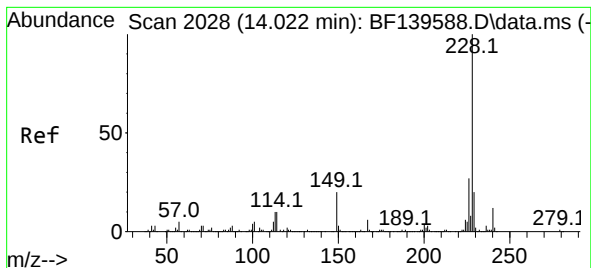
Ion Ratio Lower Upper

149 100

91 74.7 61.0 91.4

206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 39.454 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

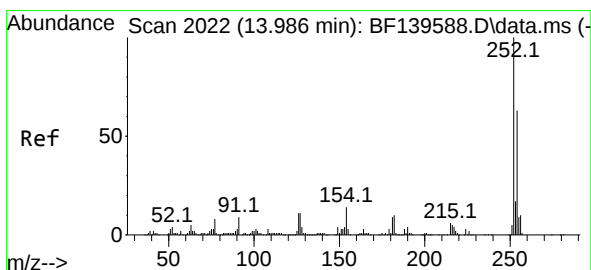
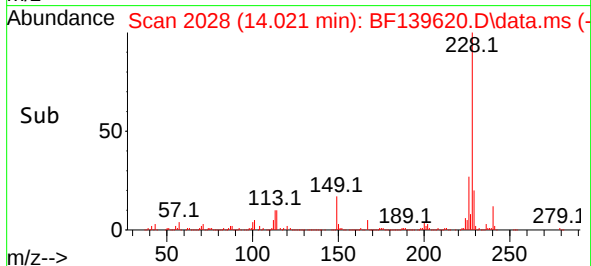
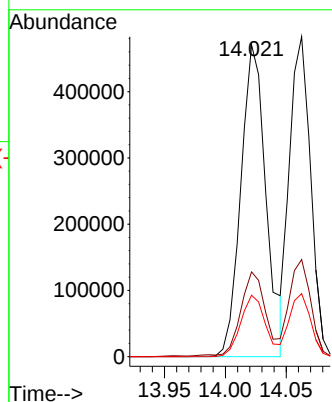
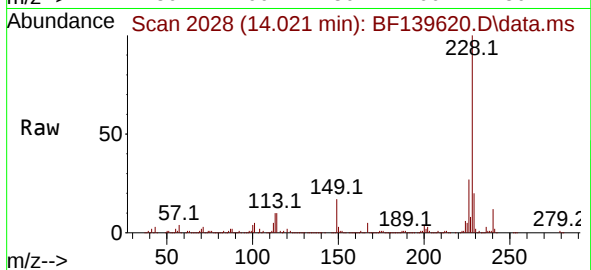
Tgt Ion:228 Resp: 676403

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.308 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

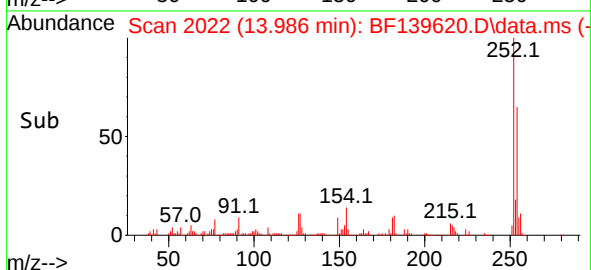
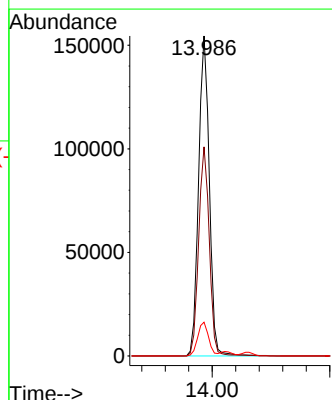
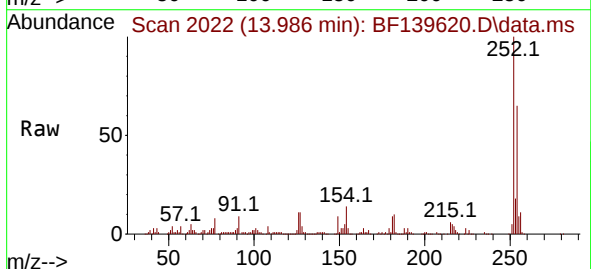
Tgt Ion:252 Resp: 195748

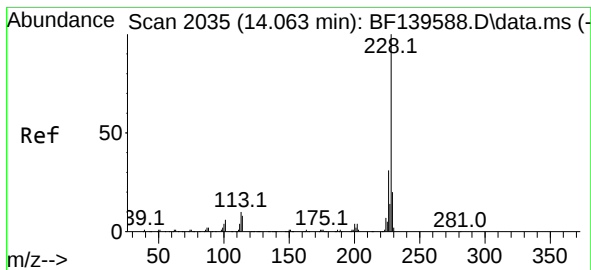
Ion Ratio Lower Upper

252 100

254 65.4 50.5 75.7

126 10.6 8.8 13.2





#83

Chrysene

Concen: 37.081 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

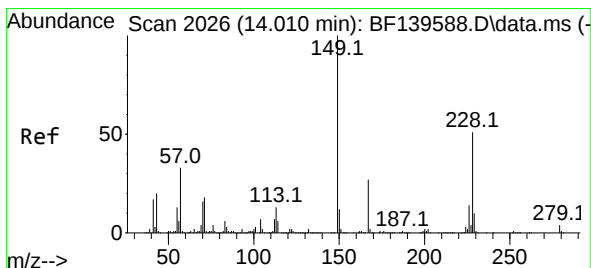
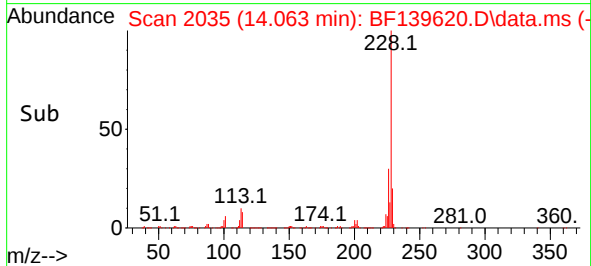
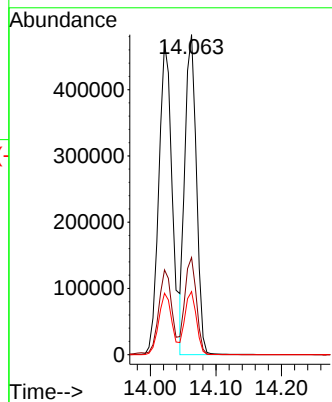
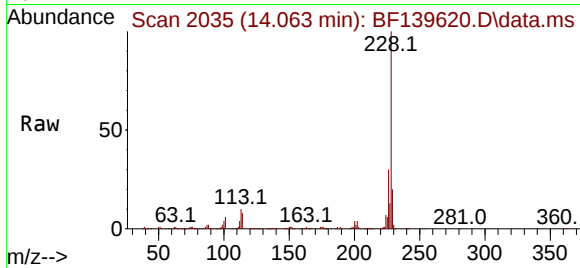
Tgt Ion:228 Resp: 581212

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.740 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

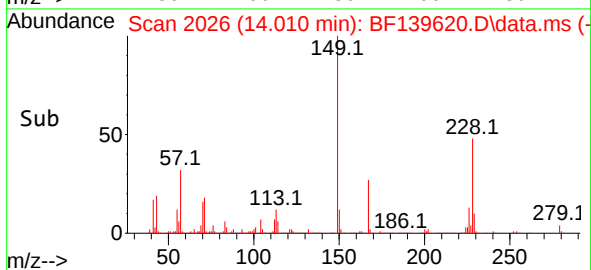
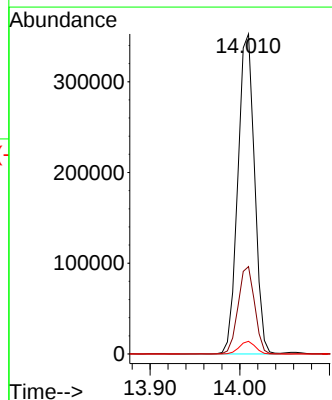
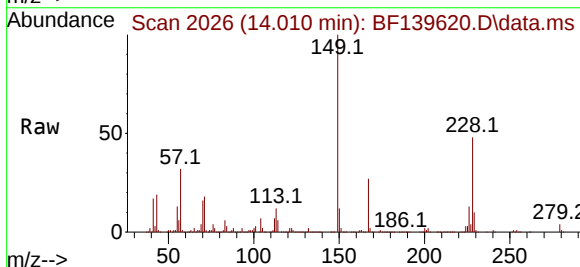
Tgt Ion:149 Resp: 455632

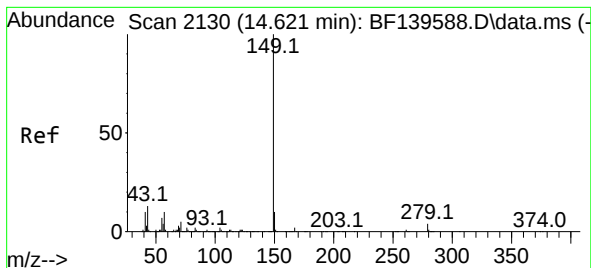
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 3.9 3.2 4.8

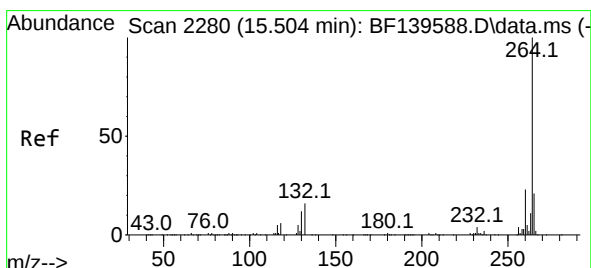
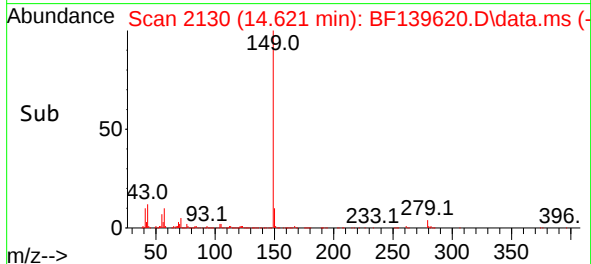
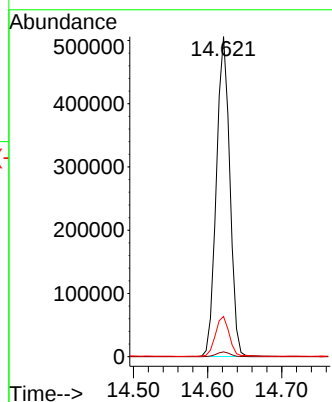
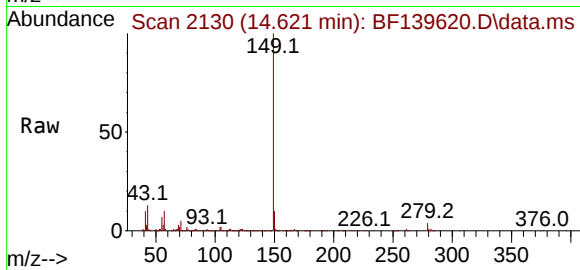




#85  
Di-n-octyl phthalate  
Concen: 41.778 ng  
RT: 14.621 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

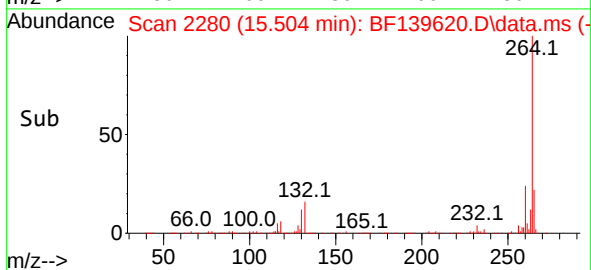
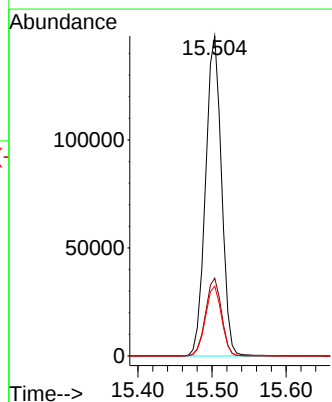
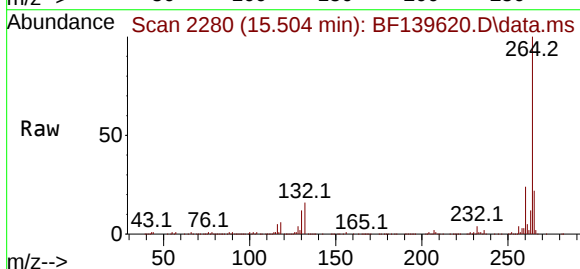
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

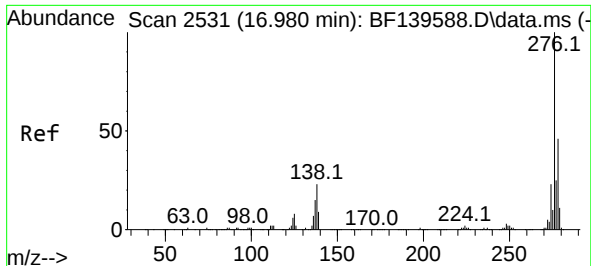
Tgt Ion:149 Resp: 639354  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 12.8 10.2 15.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.504 min Scan# 2280  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:264 Resp: 221578  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.7 28.1  
265 21.8 16.9 25.3

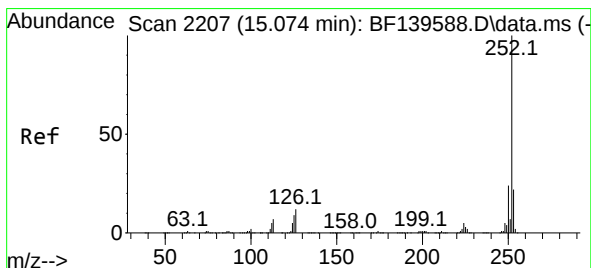
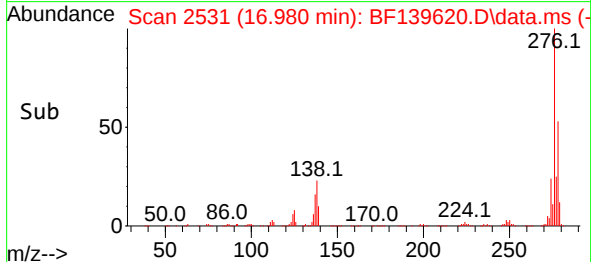
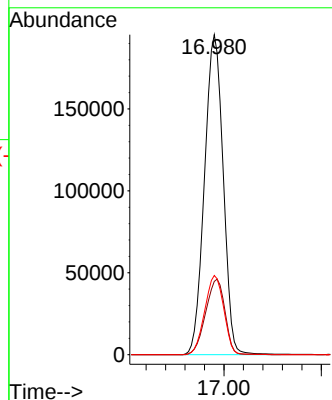
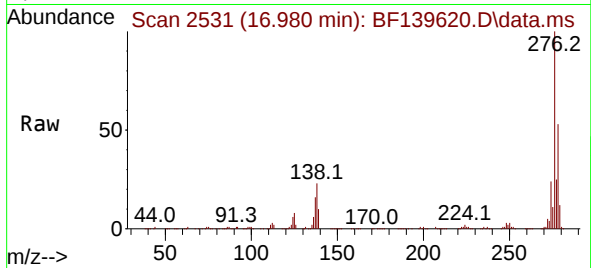




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.864 ng  
RT: 16.980 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

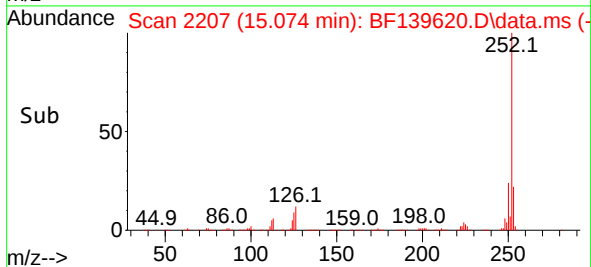
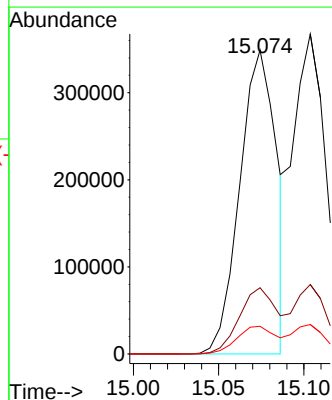
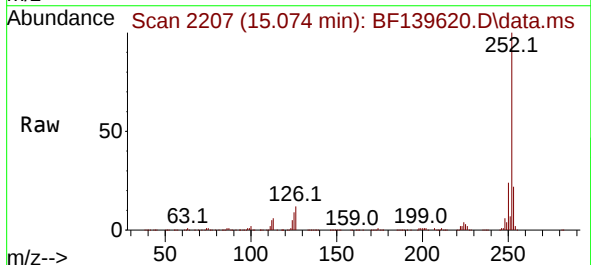
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

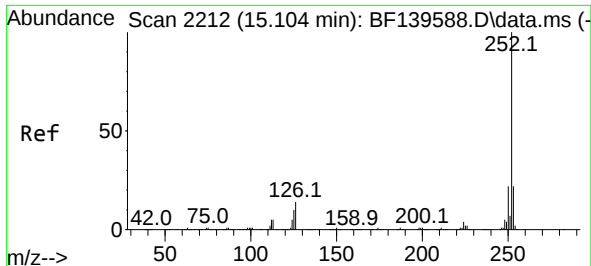
Tgt Ion:276 Resp: 519891  
Ion Ratio Lower Upper  
276 100  
138 24.4 19.4 29.0  
277 25.3 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 36.398 ng  
RT: 15.074 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:252 Resp: 521473  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.820 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

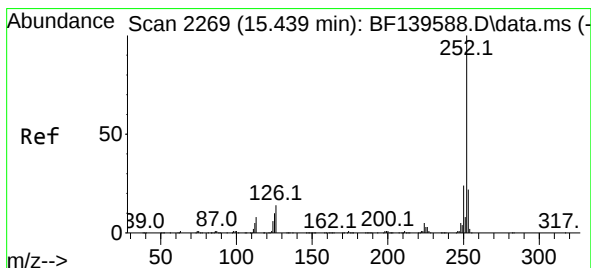
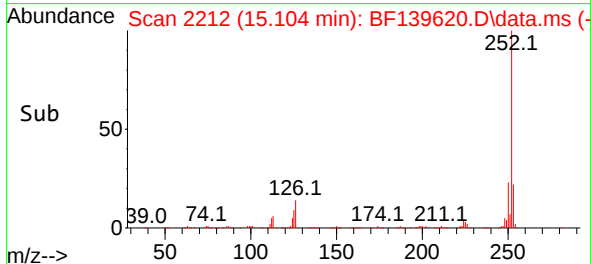
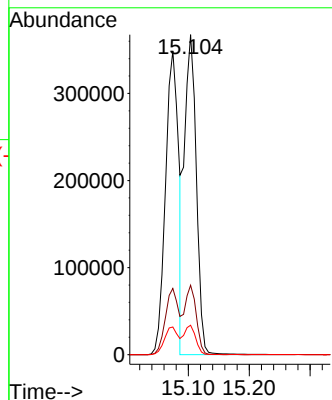
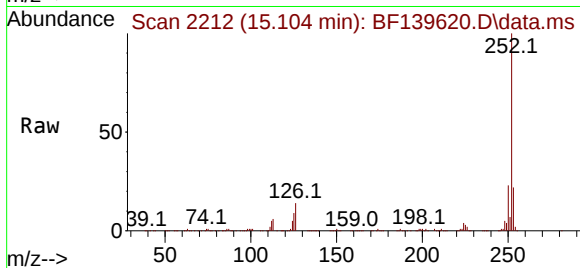
Tgt Ion:252 Resp: 496085

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.2 7.6 11.4



#90

Benzo(a)pyrene

Concen: 38.984 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139620.D

Acq: 03 Oct 2024 09:56

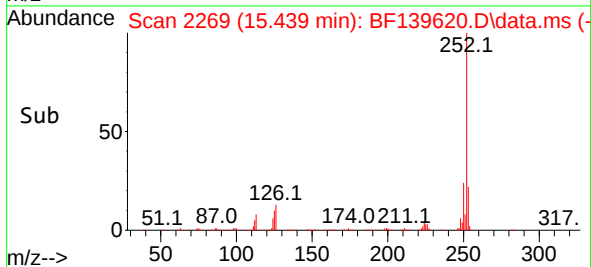
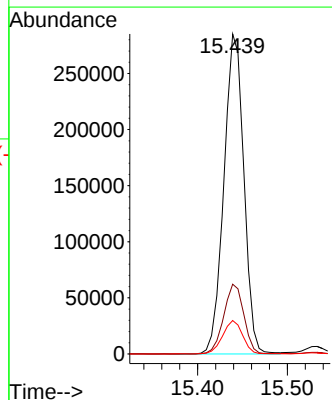
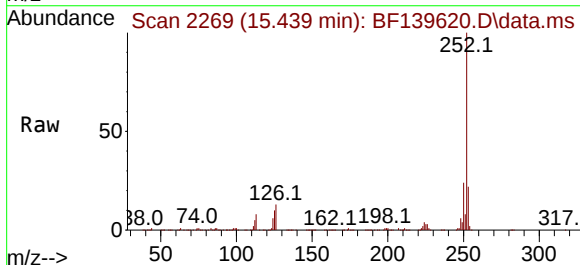
Tgt Ion:252 Resp: 440396

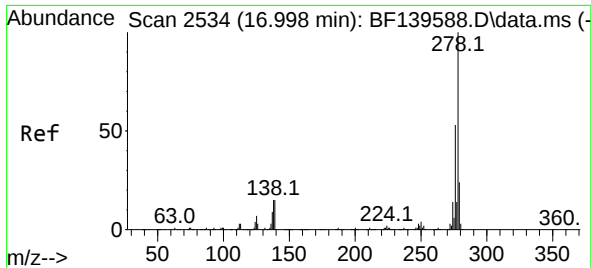
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.4 8.3 12.5



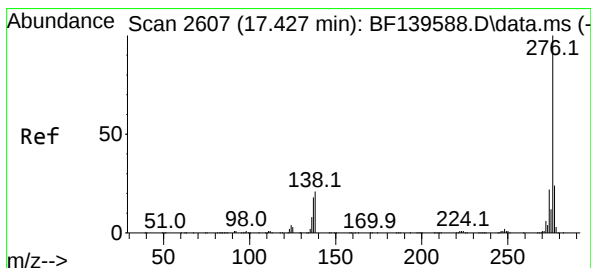
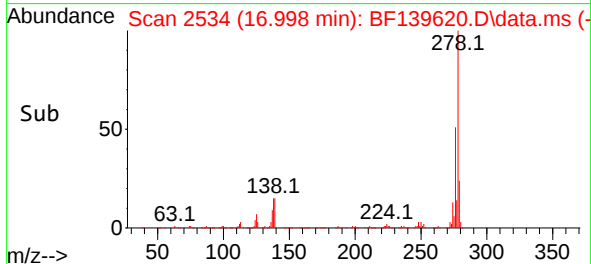
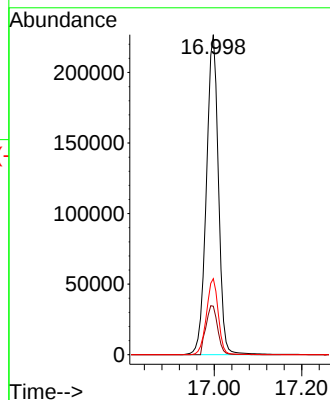
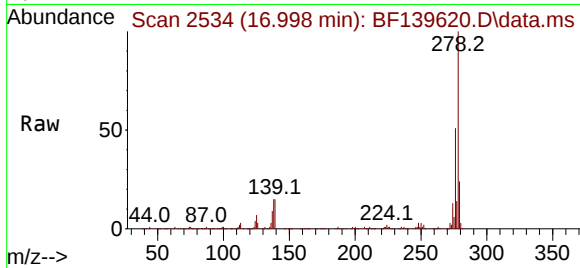


#91  
Dibenzo(a,h)anthracene  
Concen: 40.270 ng  
RT: 16.998 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 435592  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.1  | 12.2  | 18.4  |
| 279 | 23.8  | 19.2  | 28.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.515 ng  
RT: 17.427 min Scan# 2607  
Delta R.T. -0.000 min  
Lab File: BF139620.D  
Acq: 03 Oct 2024 09:56

Tgt Ion:276 Resp: 439512  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.4  | 19.0  | 28.6  |
| 138 | 20.8  | 17.0  | 25.6  |

