

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091223\  
 Data File : BF135170.D  
 Acq On : 12 Sep 2023 08:53  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 13 01:54:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.763  | 152  | 109683   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.045  | 136  | 431522   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 220664   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.292 | 188  | 429741   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.951 | 240  | 231225   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.409 | 264  | 204250   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.387  | 112  | 524059   | 77.711 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.404  | 99   | 666971   | 77.781 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.334  | 82   | 632602   | 79.646 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.598 | 330  | 176072   | 80.293 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.128  | 172  | 1122017  | 76.714 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 1104515  | 74.050 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.469  | 88   | 117685   | 39.808 | ng    | 98       |
| 3) Pyridine                   | 3.210  | 79   | 323621   | 40.673 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.187  | 42   | 169828   | 40.223 | ng    | 100      |
| 6) Aniline                    | 6.434  | 93   | 443786   | 39.466 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.551  | 128  | 282369   | 39.224 | ng    | 98       |
| 9) Benzaldehyde               | 6.322  | 77   | 186945   | 38.269 | ng    | 100      |
| 10) Phenol                    | 6.422  | 94   | 364378   | 38.752 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.510  | 93   | 279083   | 39.568 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 290304   | 39.679 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 289224   | 38.856 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.934  | 146  | 267171   | 38.650 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.910  | 79   | 241717   | 39.282 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.045  | 45   | 514773   | 38.720 | ng    | 99       |
| 17) 2-Methylphenol            | 7.022  | 107  | 249784   | 39.319 | ng    | 100      |
| 18) Hexachloroethane          | 7.275  | 117  | 107357   | 39.034 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.186  | 70   | 200057   | 37.666 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.181  | 107  | 291920   | 38.214 | ng    | 98       |
| 22) Acetophenone              | 7.181  | 105  | 373920   | 37.901 | ng    | 98       |
| 24) Nitrobenzene              | 7.351  | 77   | 312212   | 39.770 | ng    | 98       |
| 25) Isophorone                | 7.592  | 82   | 566471   | 38.840 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.663  | 139  | 153890   | 40.843 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 249624   | 39.415 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.798  | 93   | 343487   | 39.348 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 230034   | 39.198 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.986  | 180  | 238087   | 38.815 | ng    | 97       |
| 31) Naphthalene               | 8.069  | 128  | 821411   | 39.178 | ng    | 100      |
| 32) Benzoic acid              | 7.834  | 122  | 174809   | 36.655 | ng    | 94       |
| 33) 4-Chloroaniline           | 8.122  | 127  | 367282   | 39.927 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.181  | 225  | 146124   | 39.507 | ng    | 99       |
| 35) Caprolactam               | 8.498  | 113  | 79616    | 40.423 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.604  | 107  | 258926   | 39.698 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.757  | 142  | 547644   | 38.858 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.857  | 142  | 506944   | 38.420 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.922  | 216  | 253902   | 39.717 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.910  | 237  | 95721    | 38.229 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 167823   | 40.095 | ng    | 98       |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

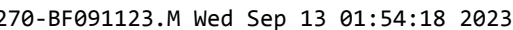
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

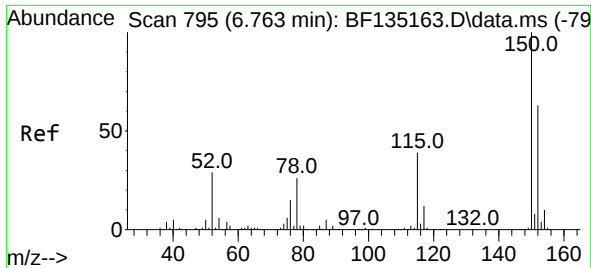
Quant Time: Sep 13 01:54:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.080  | 196  | 190236   | 39.466 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.228  | 154  | 666695   | 39.315 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 480598   | 39.061 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 191330   | 40.027 | ng    | 99       |
| 49) Acenaphthylene            | 9.663  | 152  | 811902   | 39.706 | ng    | 99       |
| 50) Dimethylphthalate         | 9.533  | 163  | 586675   | 39.324 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 133526   | 40.855 | ng    | # 77     |
| 52) Acenaphthene              | 9.839  | 154  | 472486   | 39.114 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.763  | 138  | 158138   | 41.220 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.875  | 184  | 64643    | 38.367 | ng    | 99       |
| 55) Dibenzofuran              | 10.010 | 168  | 723029   | 39.224 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.927  | 139  | 103640   | 42.506 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 166815   | 40.770 | ng    | 94       |
| 58) Fluorene                  | 10.351 | 166  | 553175   | 39.036 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.127 | 232  | 152786   | 41.205 | ng    | 98       |
| 60) Diethylphthalate          | 10.233 | 149  | 590197   | 39.418 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 262555   | 38.570 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.380 | 138  | 149664   | 40.584 | ng    | 99       |
| 63) Azobenzene                | 10.510 | 77   | 578752   | 39.495 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.410 | 198  | 92858    | 40.683 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.469 | 169  | 509728   | 39.179 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248  | 169397   | 39.633 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.898 | 284  | 173490   | 39.843 | ng    | # 90     |
| 69) Atrazine                  | 10.998 | 200  | 141975   | 40.556 | ng    | 99       |
| 70) Pentachlorophenol         | 11.098 | 266  | 112351   | 43.126 | ng    | 96       |
| 71) Phenanthrene              | 11.316 | 178  | 795528   | 39.141 | ng    | 99       |
| 72) Anthracene                | 11.369 | 178  | 822244   | 39.357 | ng    | 100      |
| 73) Carbazole                 | 11.527 | 167  | 757559   | 39.833 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.863 | 149  | 913327   | 40.755 | ng    | 99       |
| 75) Fluoranthene              | 12.510 | 202  | 826240   | 39.013 | ng    | 99       |
| 77) Benzidine                 | 12.639 | 184  | 214282   | 45.235 | ng    | 99       |
| 78) Pyrene                    | 12.739 | 202  | 848813   | 38.557 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.368 | 149  | 316596   | 40.846 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.939 | 228  | 575293   | 38.531 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.904 | 252  | 185227   | 39.717 | ng    | 99       |
| 83) Chrysene                  | 13.974 | 228  | 569696   | 38.377 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 317644   | 39.936 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 487677   | 38.582 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 545308   | 40.719 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 14.980 | 252  | 443105   | 40.075 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.010 | 252  | 432646   | 39.612 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 426082   | 40.409 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.904 | 278  | 444113   | 40.530 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.333 | 276  | 470588   | 41.122 | ng    | 99       |

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

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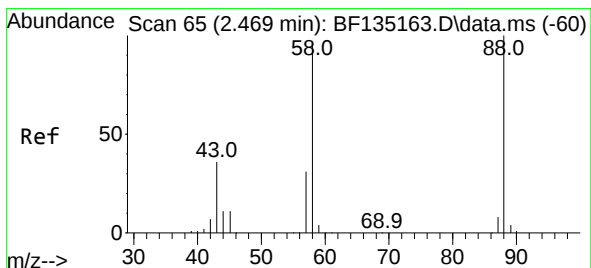
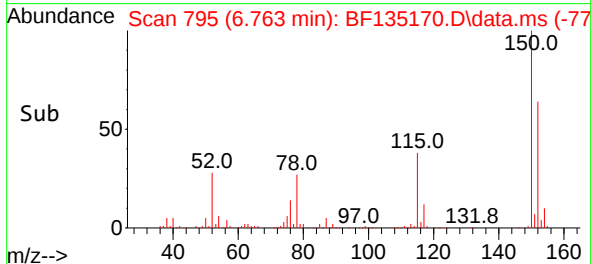
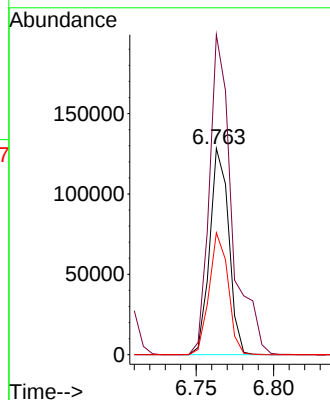
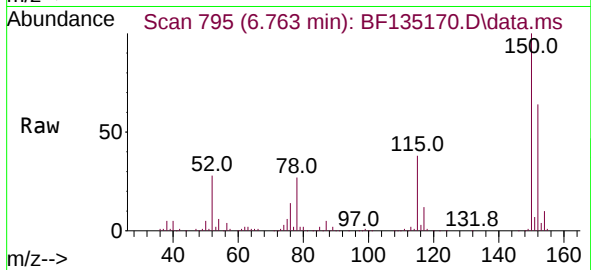




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

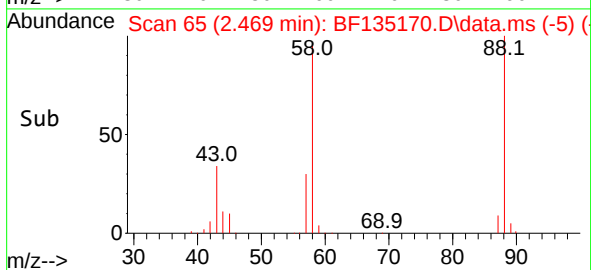
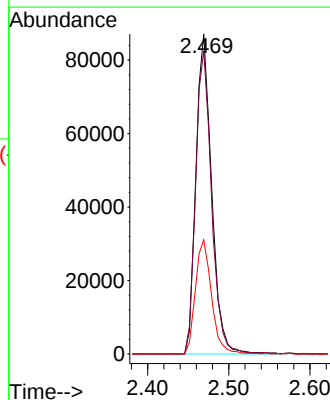
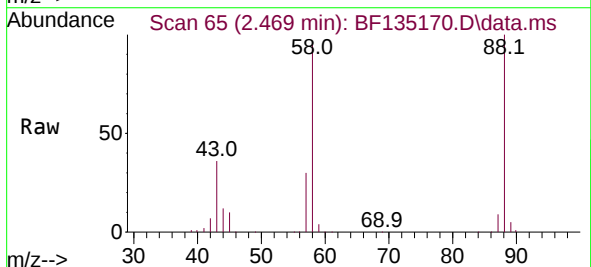
Instrument :  
 BNA\_F  
 ClientSampleId :  
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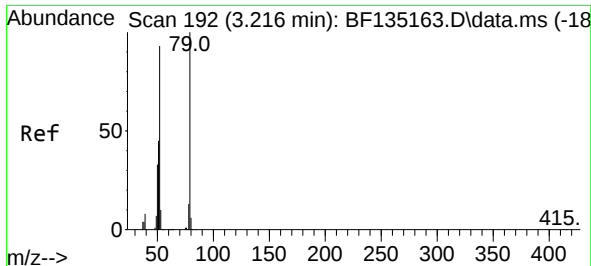
Tgt Ion:152 Resp: 109683  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 127.8 191.6  
 115 59.1 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 39.808 ng  
 RT: 2.469 min Scan# 65  
 Delta R.T. 0.000 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Tgt Ion: 88 Resp: 117685  
 Ion Ratio Lower Upper  
 88 100  
 58 95.7 78.3 117.5  
 43 36.4 29.4 44.0

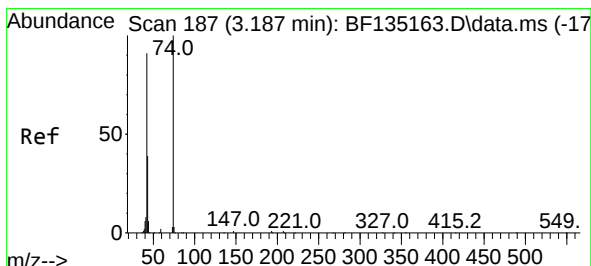
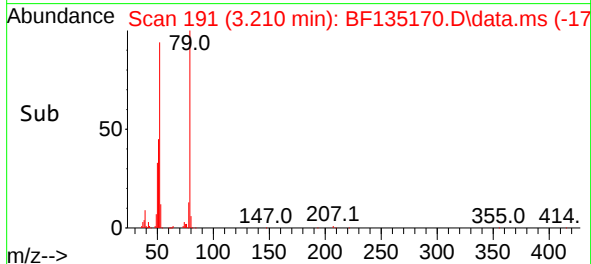
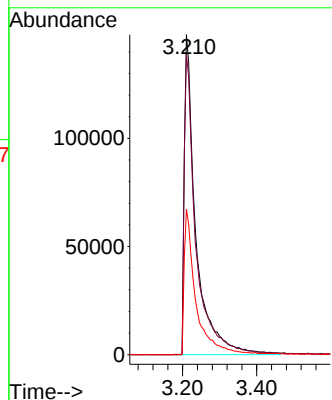
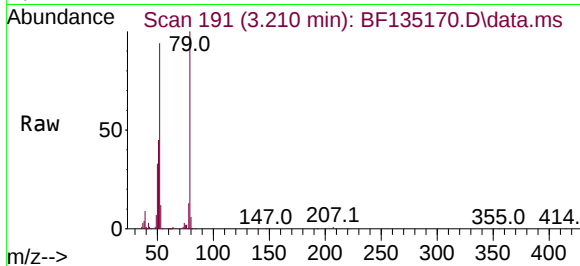




#3  
 Pyridine  
 Concen: 40.673 ng  
 RT: 3.210 min Scan# 192  
 Delta R.T. -0.006 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

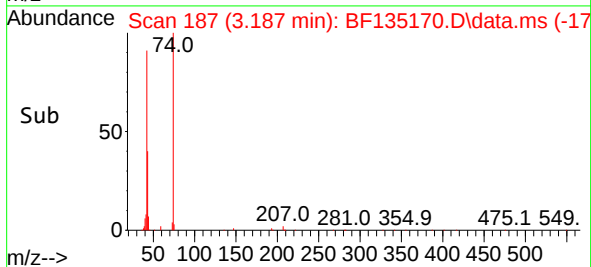
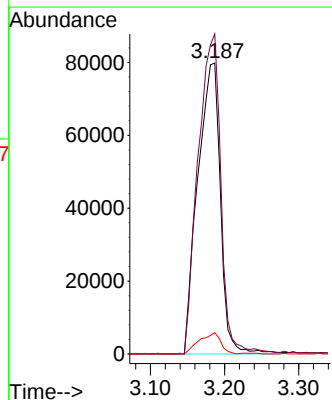
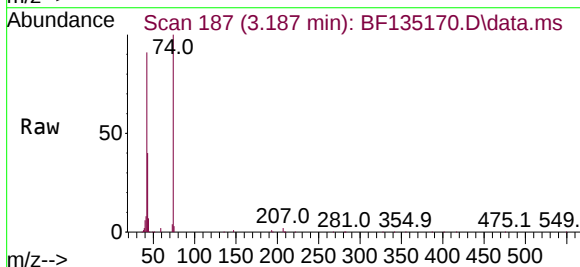
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 ClientSampleId :  
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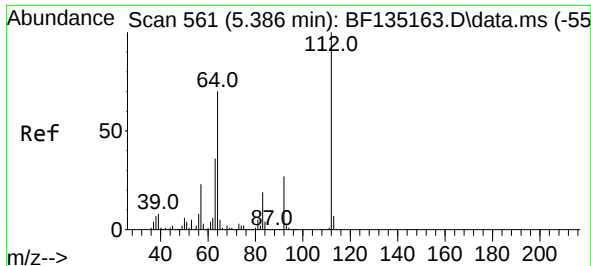
Tgt Ion: 79 Resp: 323621  
 Ion Ratio Lower Upper  
 79 100  
 52 93.9 74.1 111.1  
 51 45.4 35.8 53.8



#4  
 n-Nitrosodimethylamine  
 Concen: 40.223 ng  
 RT: 3.187 min Scan# 187  
 Delta R.T. 0.000 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Tgt Ion: 42 Resp: 169828  
 Ion Ratio Lower Upper  
 42 100  
 74 110.0 87.7 131.5  
 44 7.3 5.6 8.4

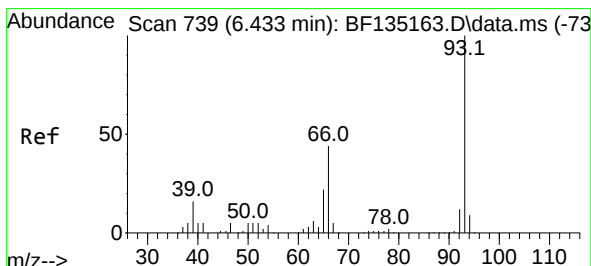
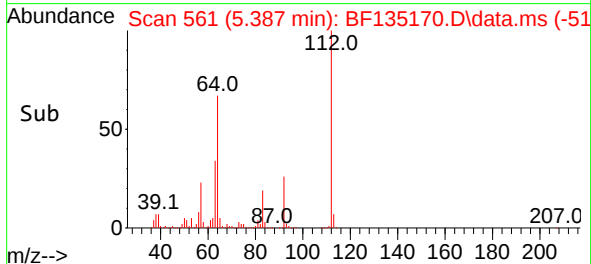
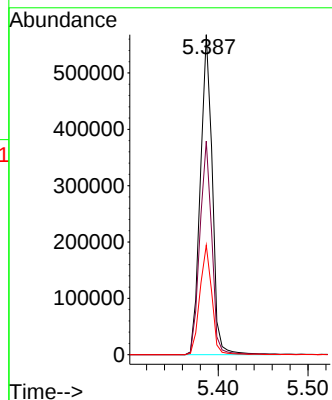
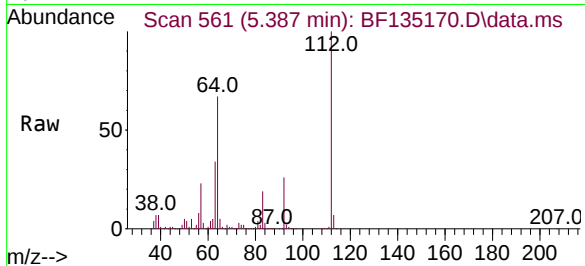




#5  
2-Fluorophenol  
Concen: 77.711 ng  
RT: 5.387 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

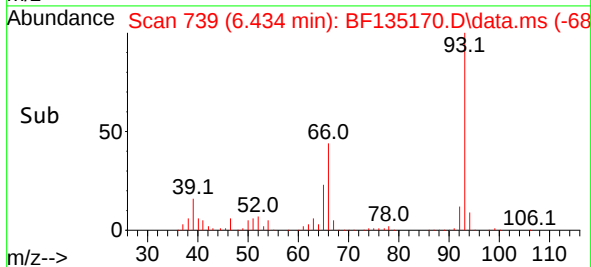
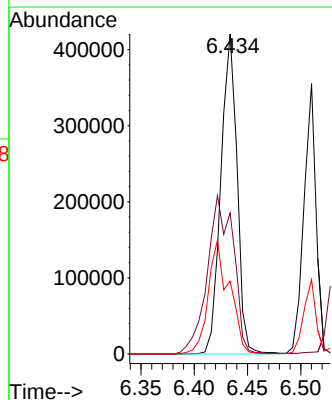
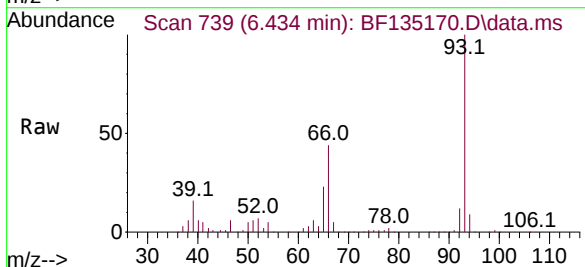
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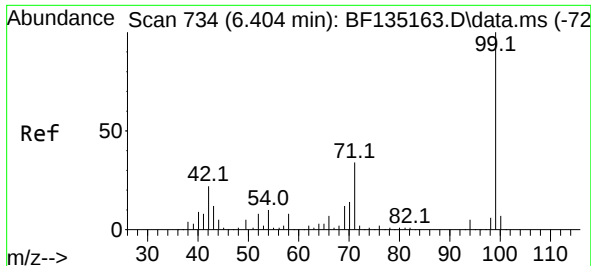
Tgt Ion:112 Resp: 524059  
Ion Ratio Lower Upper  
112 100  
64 66.7 55.9 83.9  
63 34.2 29.0 43.6



#6  
Aniline  
Concen: 39.466 ng  
RT: 6.434 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion: 93 Resp: 443786  
Ion Ratio Lower Upper  
93 100  
66 44.1 35.4 53.0  
65 22.8 17.8 26.8

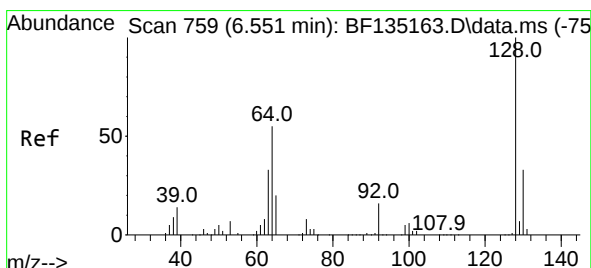
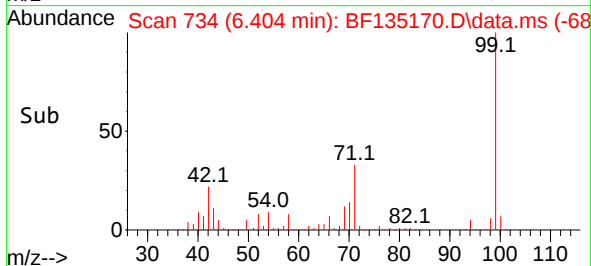
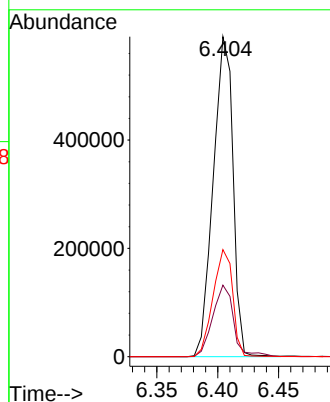
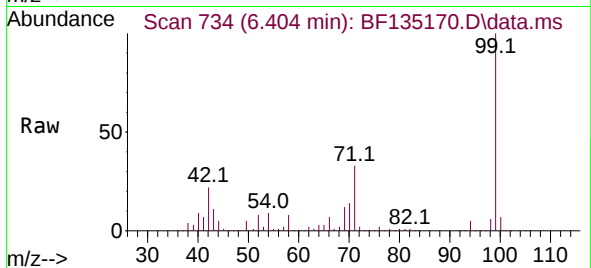




#7  
Phenol-d6  
Concen: 77.781 ng  
RT: 6.404 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

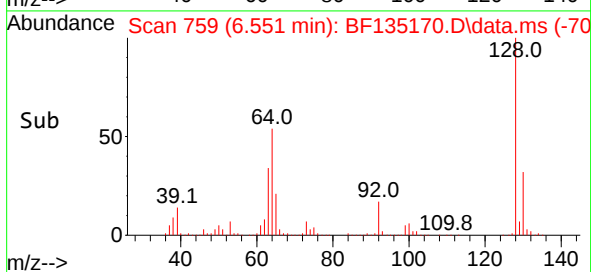
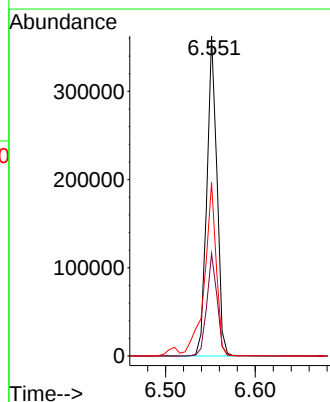
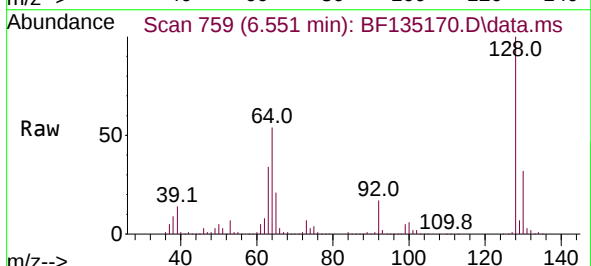
Instrument :  
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ClientSampleId :  
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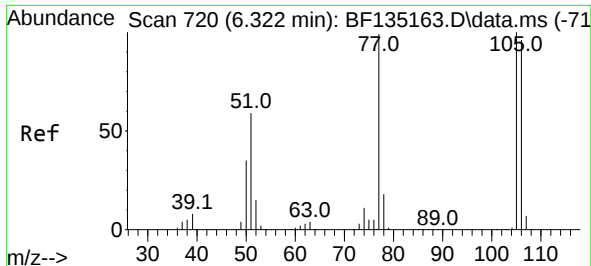
Tgt Ion: 99 Resp: 666971  
Ion Ratio Lower Upper  
99 100  
42 22.4 17.9 26.9  
71 33.5 27.0 40.6



#8  
2-Chlorophenol  
Concen: 39.224 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:128 Resp: 282369  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.7 52.7  
64 54.2 35.9 75.9





#9

Benzaldehyde

Concen: 38.269 ng

RT: 6.322 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

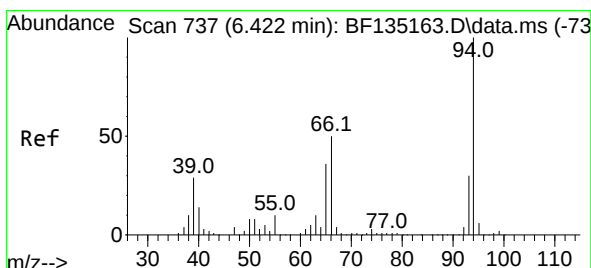
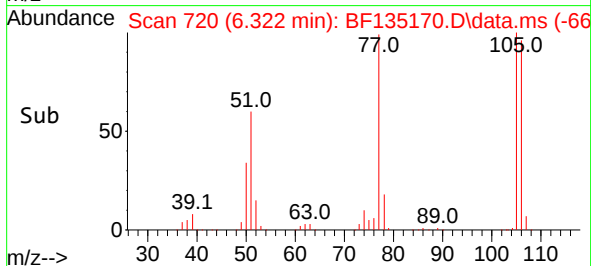
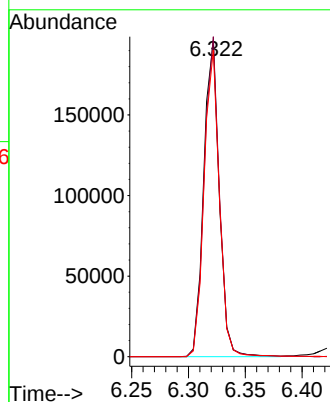
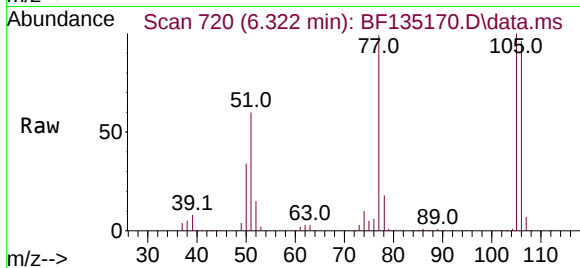
Tgt Ion: 77 Resp: 186945

Ion Ratio Lower Upper

77 100

105 101.1 81.4 121.4

106 96.9 76.9 116.9



#10

Phenol

Concen: 38.752 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

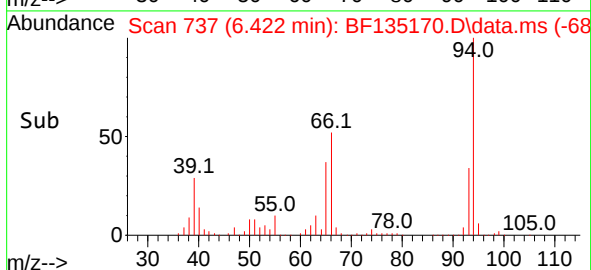
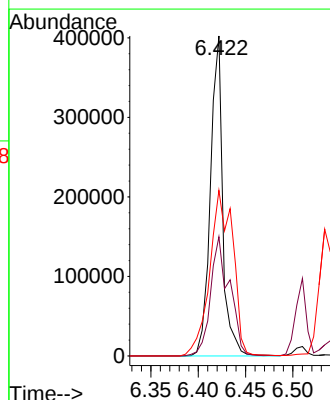
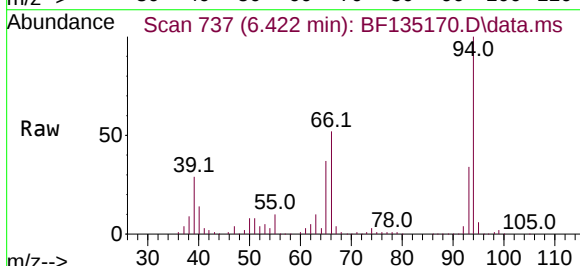
Tgt Ion: 94 Resp: 364378

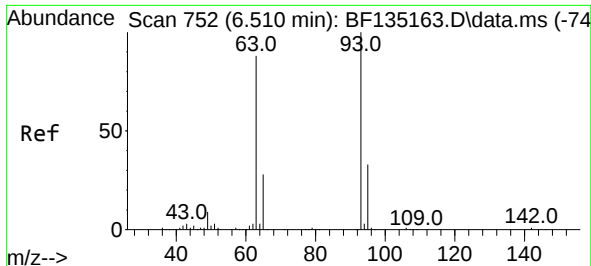
Ion Ratio Lower Upper

94 100

65 37.3 15.9 55.9

66 51.8 29.8 69.8



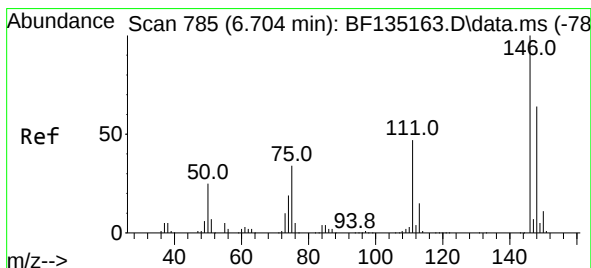
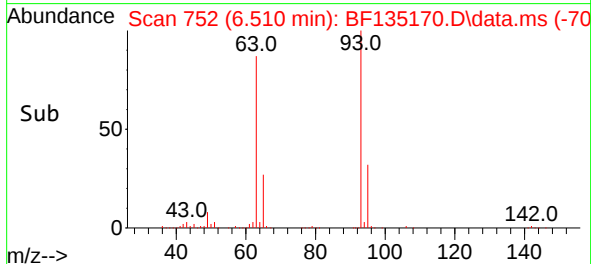
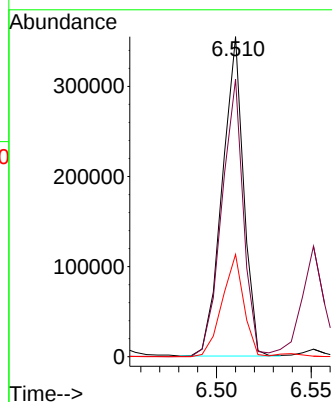
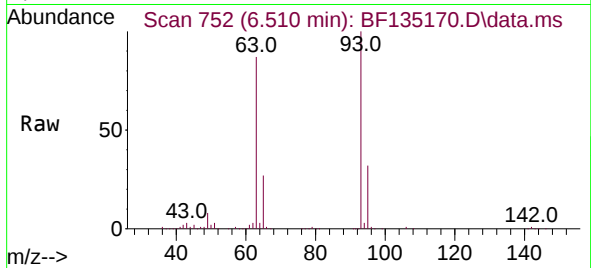


#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.568 ng  
 RT: 6.510 min Scan# 752  
 Delta R.T. 0.000 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 93 Resp: 279083  

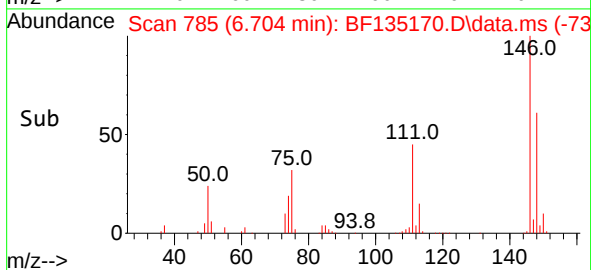
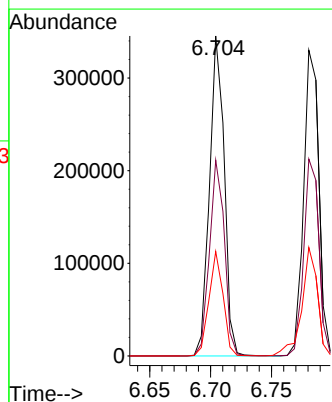
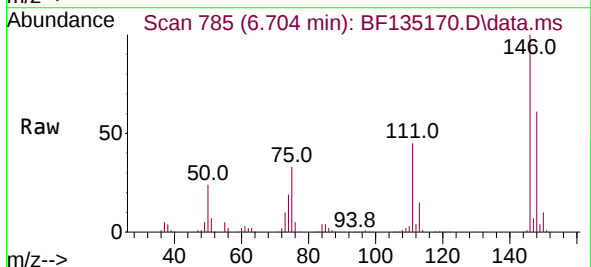
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 86.8  | 67.3  | 107.3 |
| 95  | 31.9  | 12.7  | 52.7  |

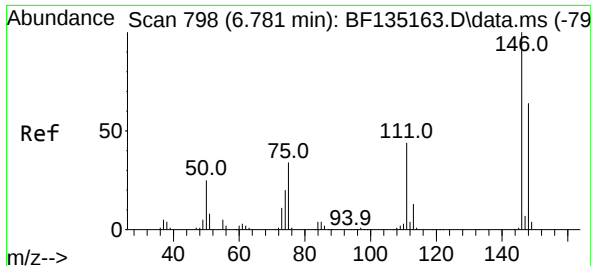


#12  
 1,3-Dichlorobenzene  
 Concen: 39.679 ng  
 RT: 6.704 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Tgt Ion: 146 Resp: 290304  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 61.2  | 51.3  | 76.9  |
| 75  | 32.7  | 27.4  | 41.2  |





#13

1,4-Dichlorobenzene

Concen: 38.856 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

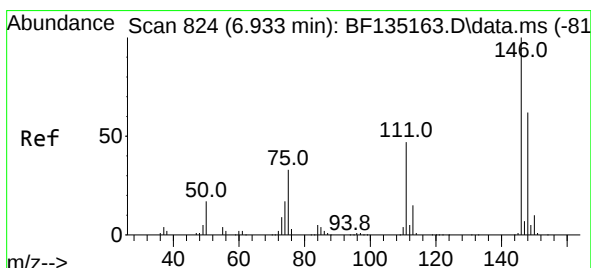
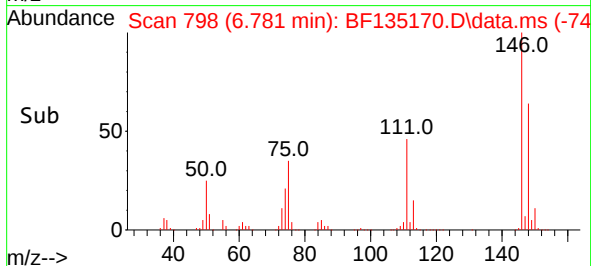
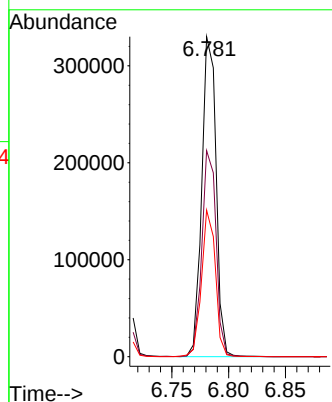
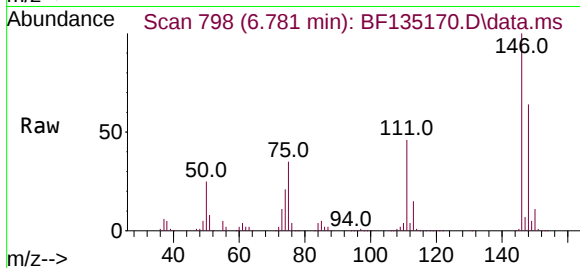
Tgt Ion:146 Resp: 289224

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

111 45.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 38.650 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

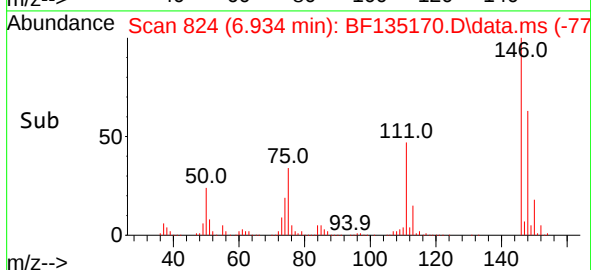
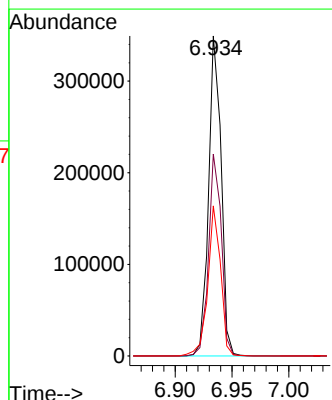
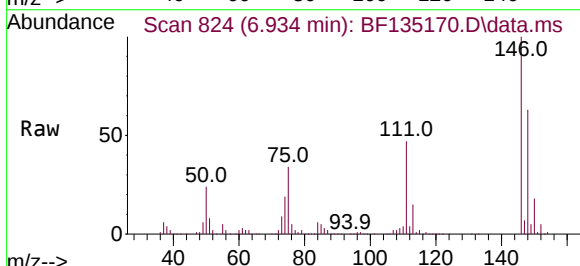
Tgt Ion:146 Resp: 267171

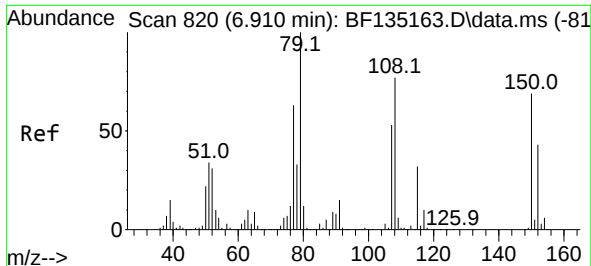
Ion Ratio Lower Upper

146 100

148 63.1 49.7 74.5

111 46.9 37.4 56.2

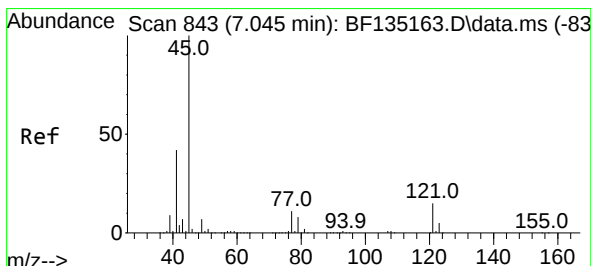
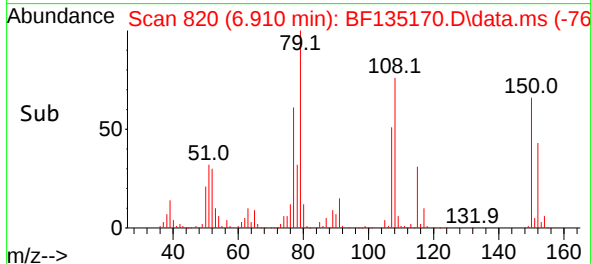
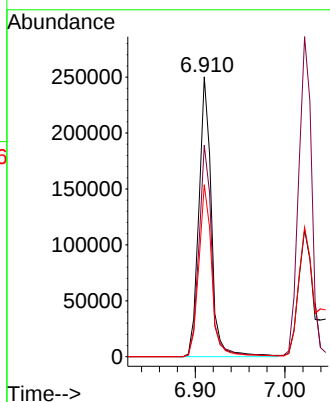
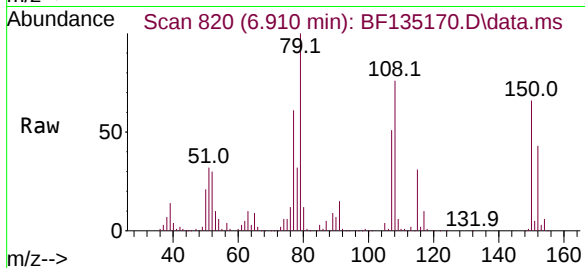




#15  
Benzyl Alcohol  
Concen: 39.282 ng  
RT: 6.910 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

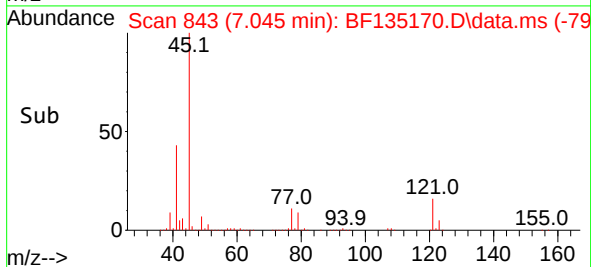
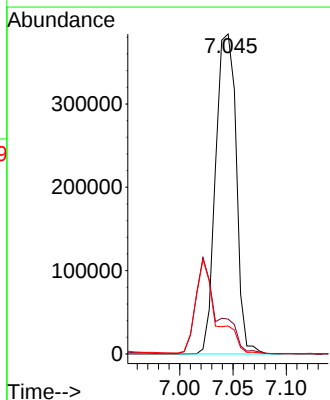
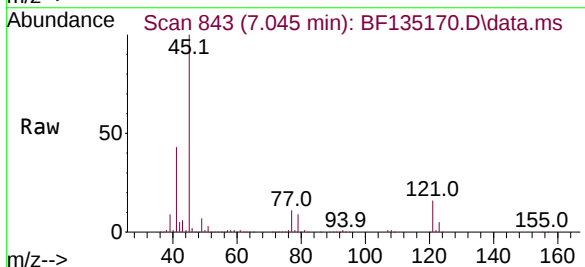
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

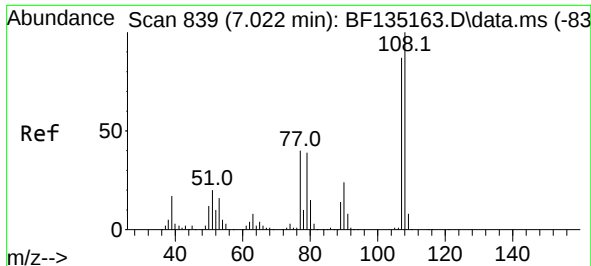
Tgt Ion: 79 Resp: 241717  
Ion Ratio Lower Upper  
79 100  
108 75.5 61.2 91.8  
77 61.5 50.5 75.7



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.720 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion: 45 Resp: 514773  
Ion Ratio Lower Upper  
45 100  
77 10.9 0.0 30.6  
79 8.8 0.0 28.3

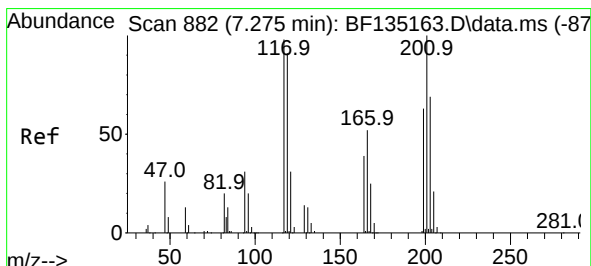
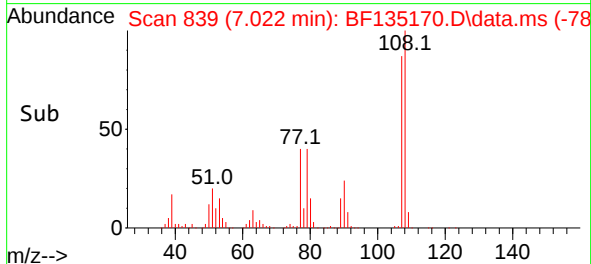
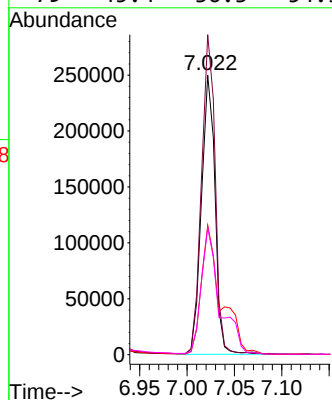
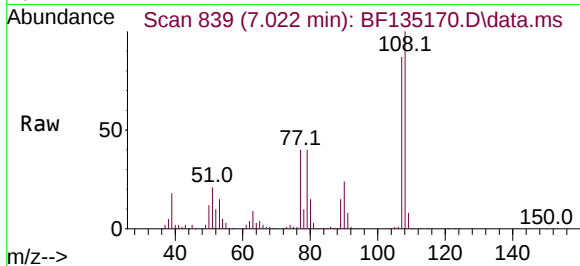




#17  
2-Methylphenol  
Concen: 39.319 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

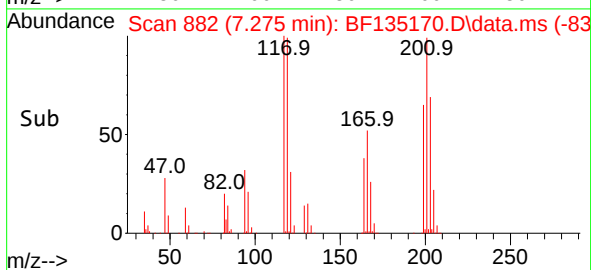
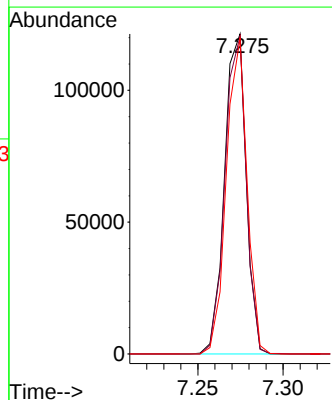
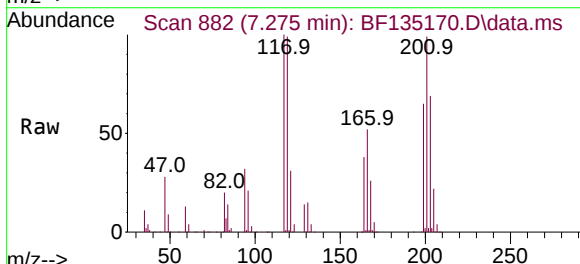
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

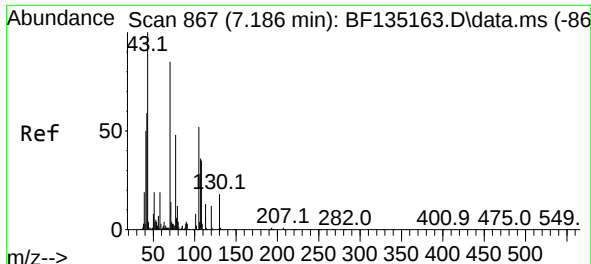
Tgt Ion:107 Resp: 249784  
Ion Ratio Lower Upper  
107 100  
108 114.5 92.0 138.0  
77 46.3 36.7 55.1  
79 45.4 36.3 54.5



#18  
Hexachloroethane  
Concen: 39.034 ng  
RT: 7.275 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:117 Resp: 107357  
Ion Ratio Lower Upper  
117 100  
119 99.3 74.7 112.1  
201 98.7 81.8 122.8



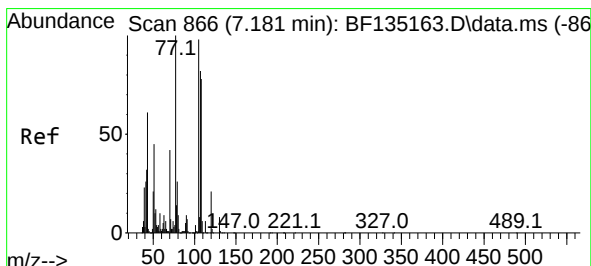
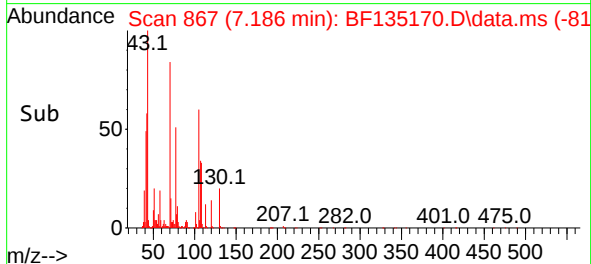
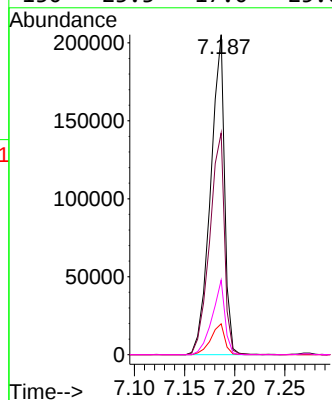
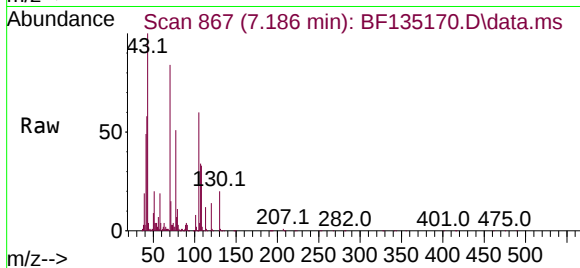


#19  
n-Nitroso-di-n-propylamine  
Concen: 37.666 ng  
RT: 7.186 min Scan# 867  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 200057

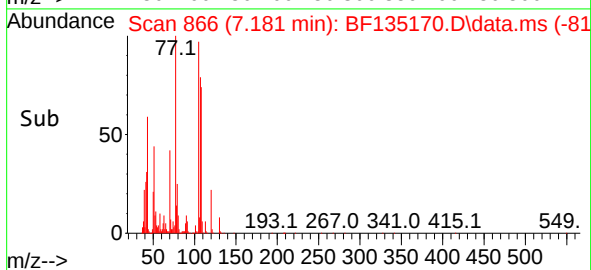
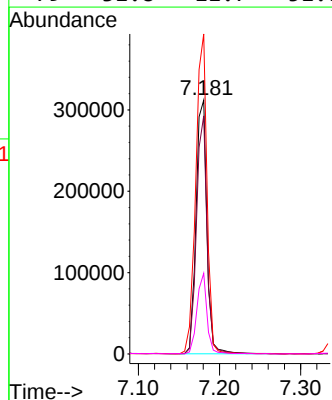
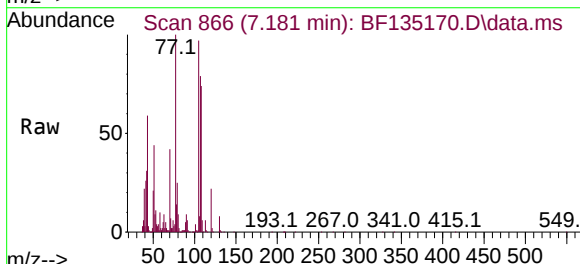
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 69.3  | 55.4  | 83.0  |
| 101 | 9.7   | 7.7   | 11.5  |
| 130 | 23.3  | 17.0  | 25.6  |

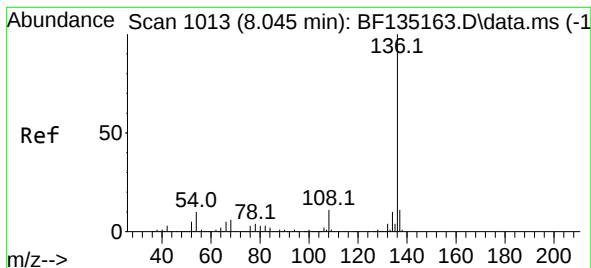


#20  
3+4-Methylphenols  
Concen: 38.214 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion: 107 Resp: 291920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 93.8  | 74.7  | 114.7 |
| 77  | 126.1 | 102.0 | 142.0 |
| 79  | 31.8  | 11.7  | 51.7  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 431522

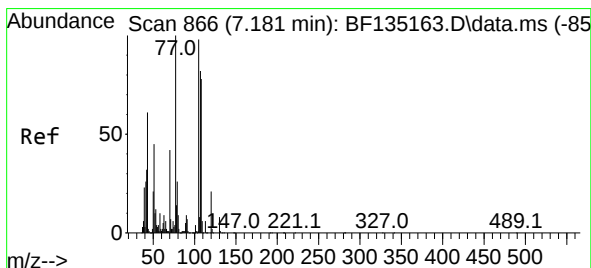
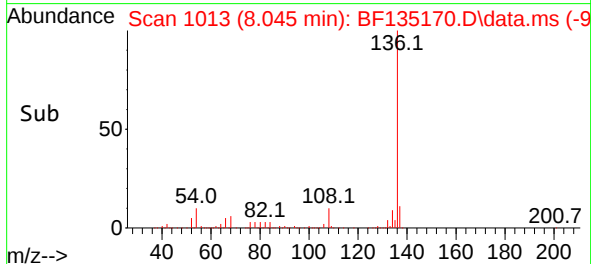
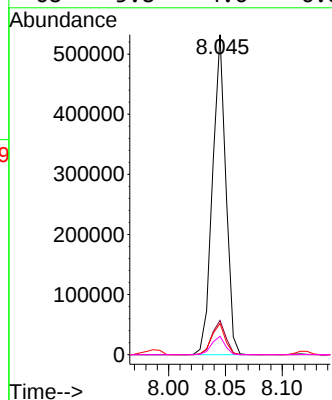
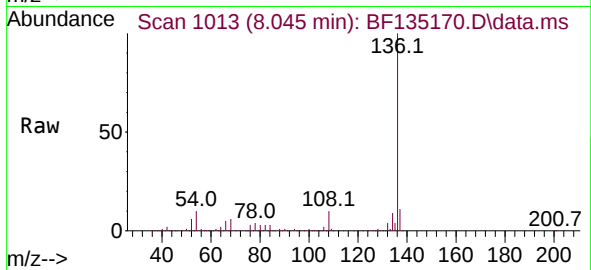
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.8 7.7 11.5

68 5.8 4.6 6.8



#22

Acetophenone

Concen: 37.901 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Tgt Ion:105 Resp: 373920

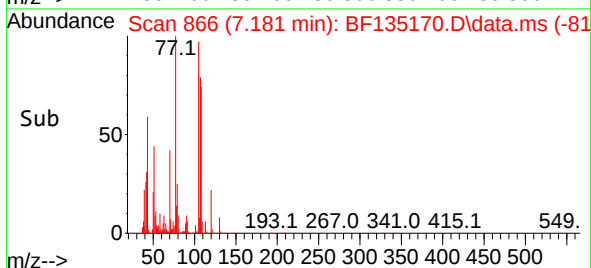
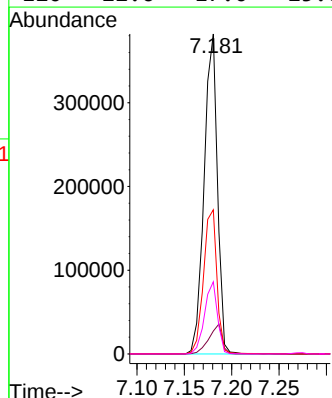
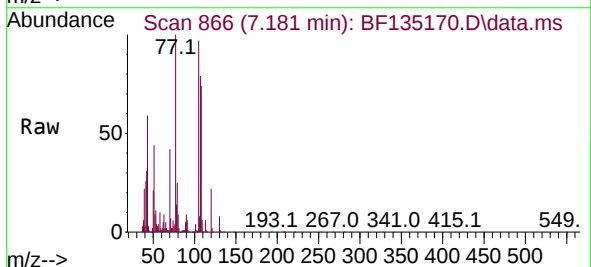
Ion Ratio Lower Upper

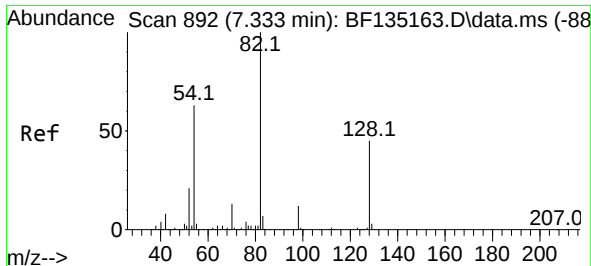
105 100

71 7.2 5.8 8.6

51 45.1 37.0 55.4

120 22.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.646 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

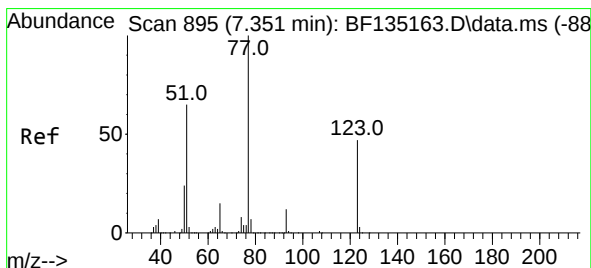
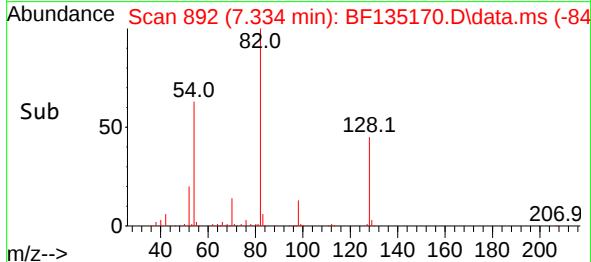
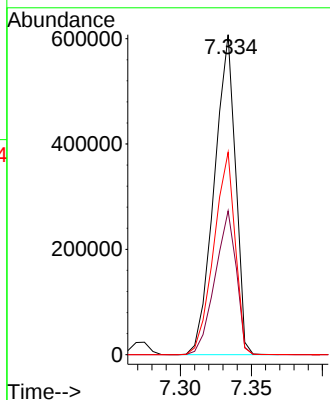
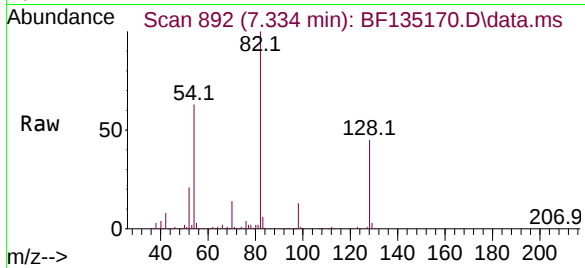
Tgt Ion: 82 Resp: 632602

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 63.2 50.6 76.0



#24

Nitrobenzene

Concen: 39.770 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

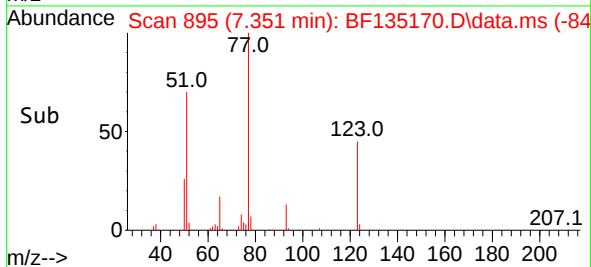
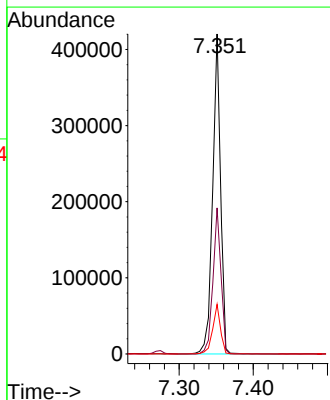
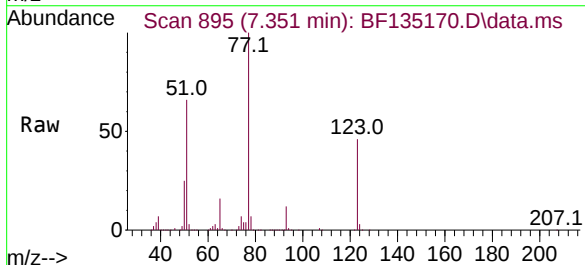
Tgt Ion: 77 Resp: 312212

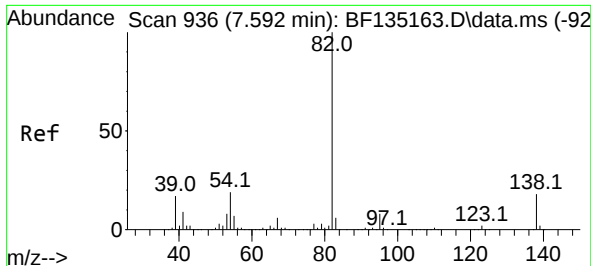
Ion Ratio Lower Upper

77 100

123 45.7 37.6 56.4

65 15.5 12.2 18.4

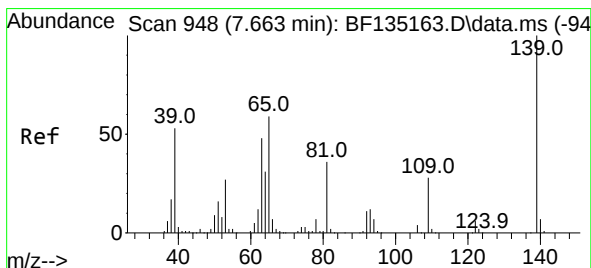
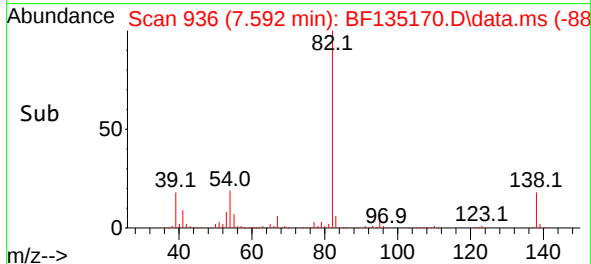
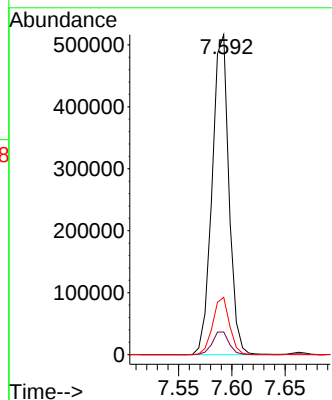
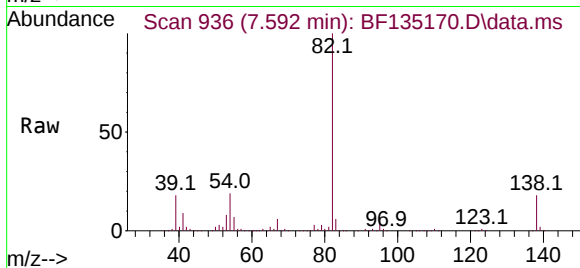




#25  
Isophorone  
Concen: 38.840 ng  
RT: 7.592 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

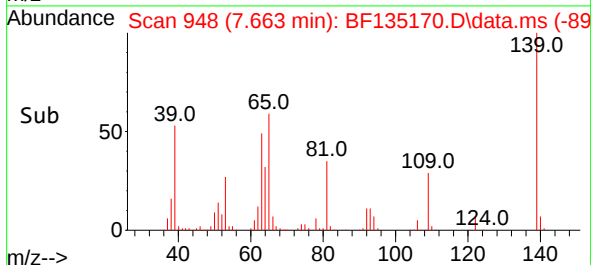
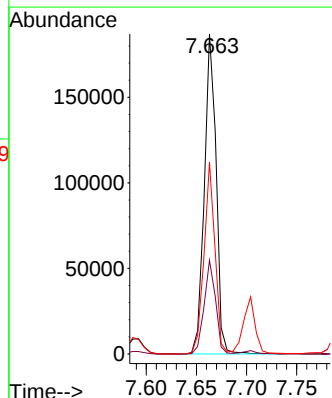
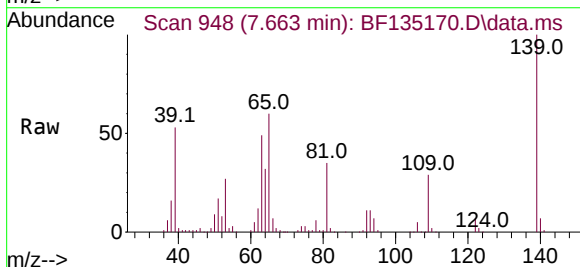
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

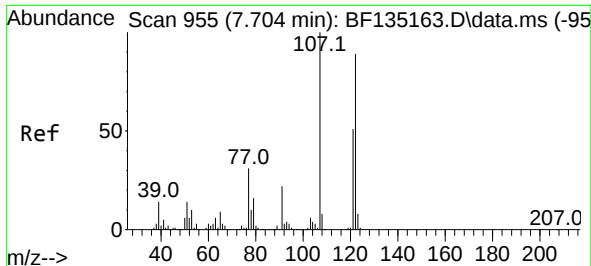
Tgt Ion: 82 Resp: 566471  
Ion Ratio Lower Upper  
82 100  
95 7.1 6.0 9.0  
138 17.9 14.5 21.7



#26  
2-Nitrophenol  
Concen: 40.843 ng  
RT: 7.663 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:139 Resp: 153890  
Ion Ratio Lower Upper  
139 100  
109 29.3 22.6 33.8  
65 59.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.415 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

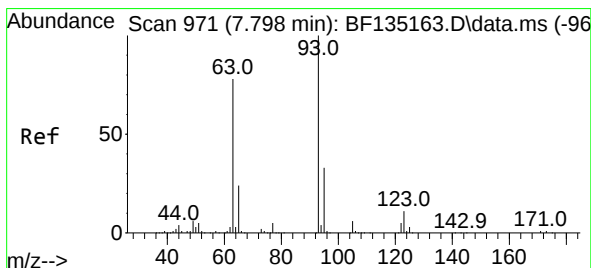
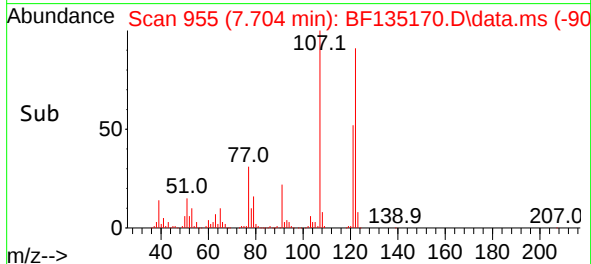
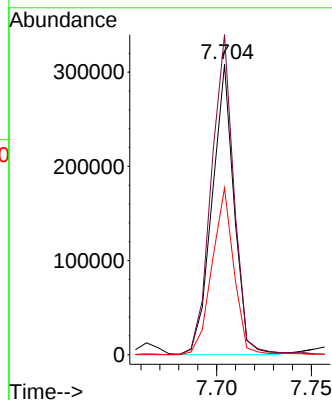
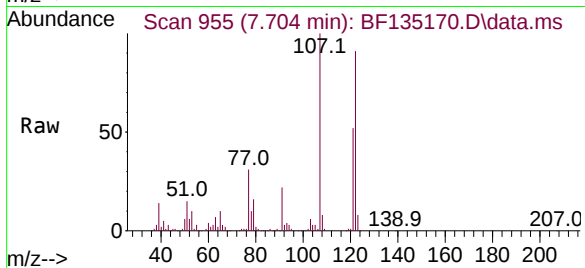
Tgt Ion:122 Resp: 249624

Ion Ratio Lower Upper

122 100

107 110.2 90.2 135.4

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.348 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

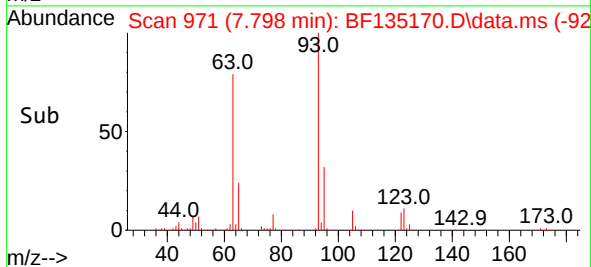
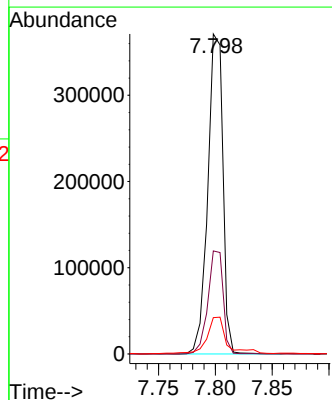
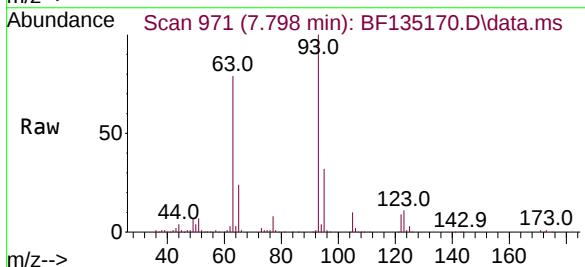
Tgt Ion: 93 Resp: 343487

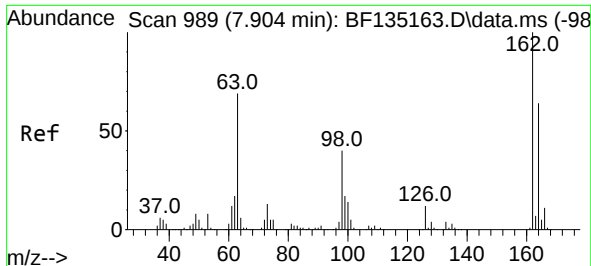
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 39.198 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

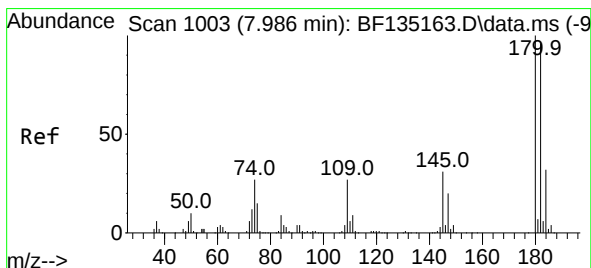
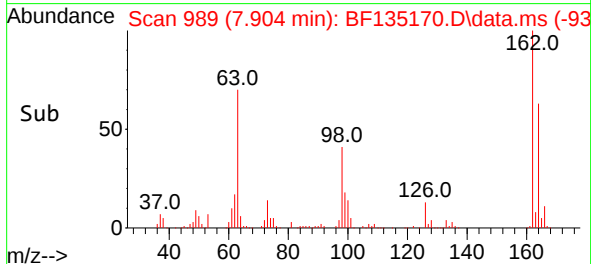
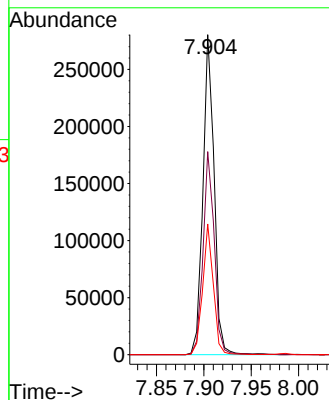
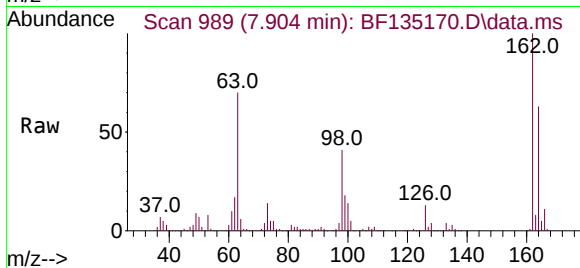
Tgt Ion:162 Resp: 230034

Ion Ratio Lower Upper

162 100

164 63.4 44.1 84.1

98 40.8 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 38.815 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

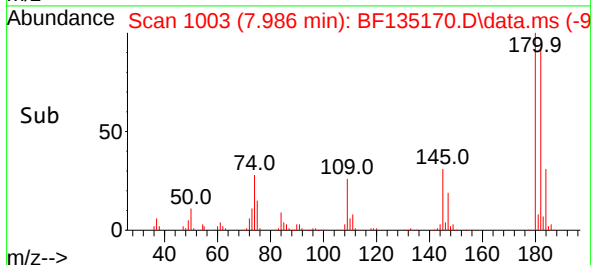
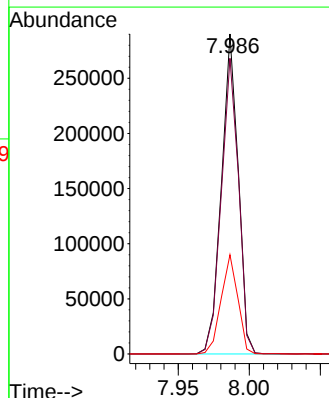
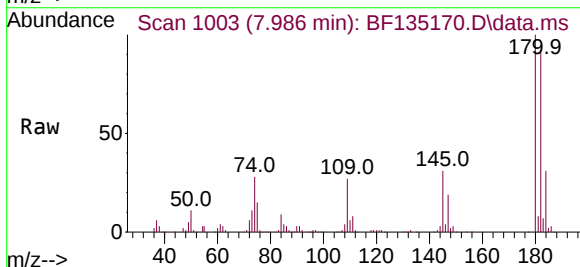
Tgt Ion:180 Resp: 238087

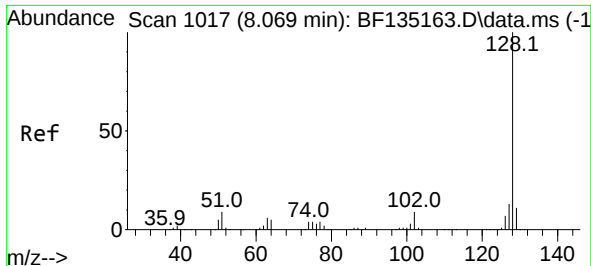
Ion Ratio Lower Upper

180 100

182 92.4 76.9 115.3

145 31.0 24.5 36.7

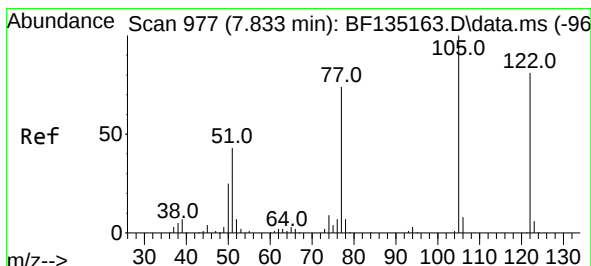
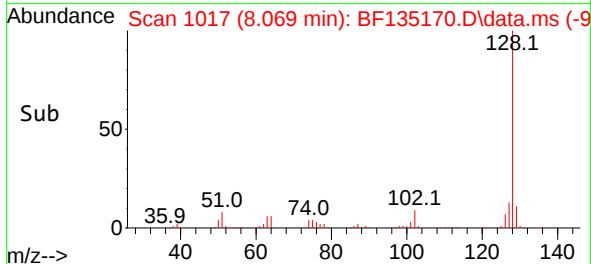
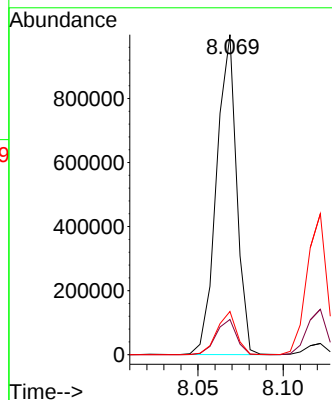
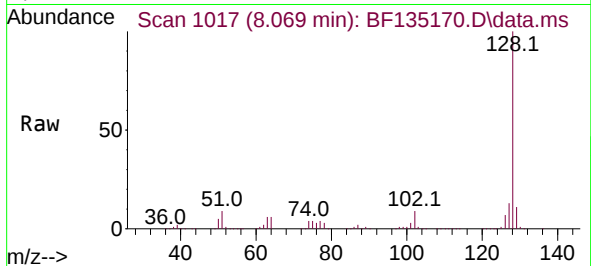




#31  
Naphthalene  
Concen: 39.178 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

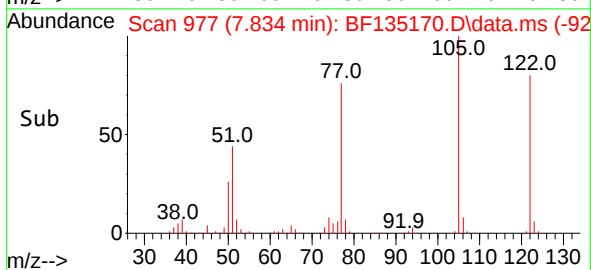
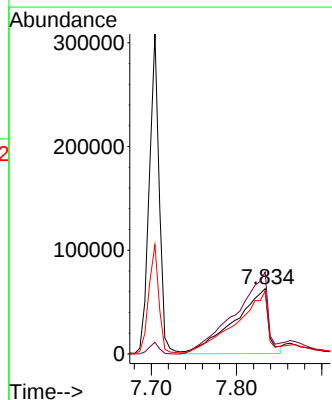
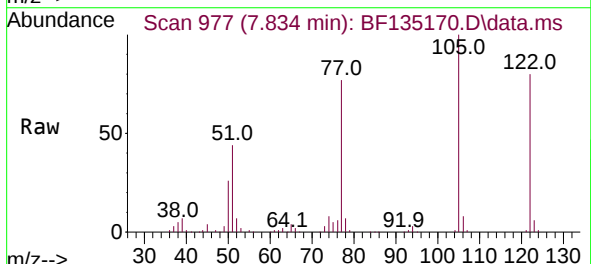
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

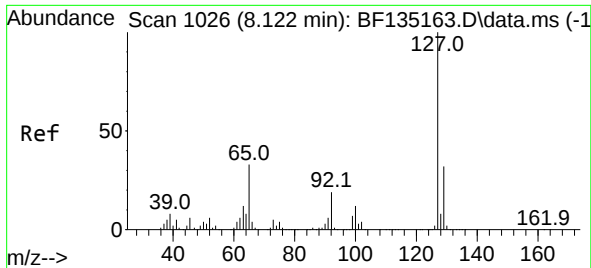
Tgt Ion:128 Resp: 821411  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 36.655 ng  
RT: 7.834 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:122 Resp: 174809  
Ion Ratio Lower Upper  
122 100  
105 125.5 99.9 139.9  
77 96.2 70.0 110.0

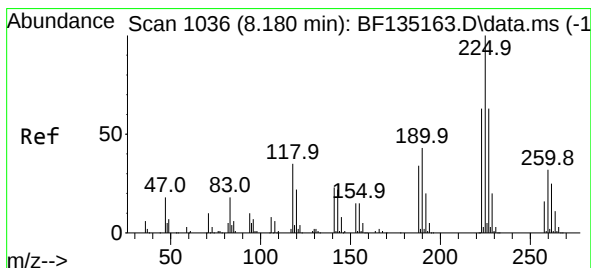
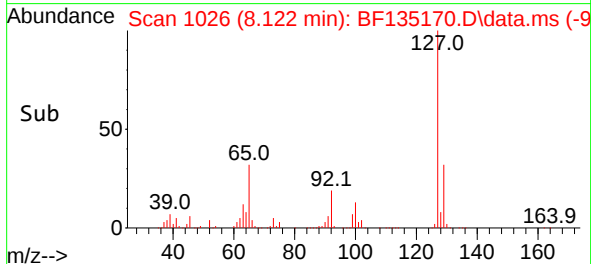
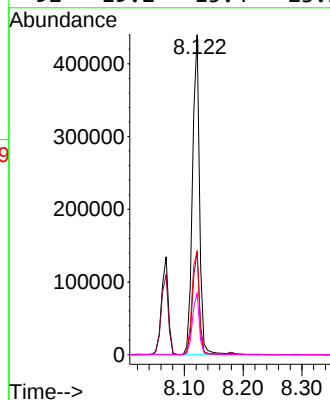
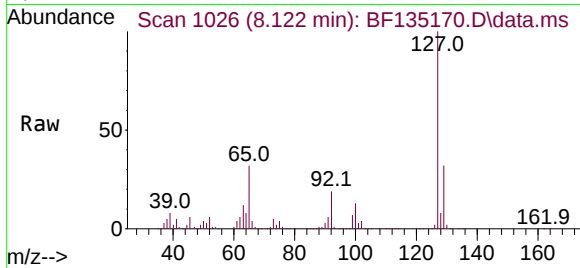




#33  
4-Chloroaniline  
Concen: 39.927 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

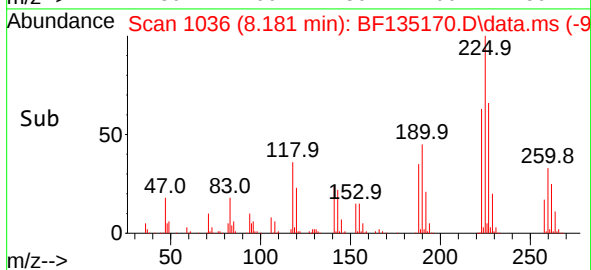
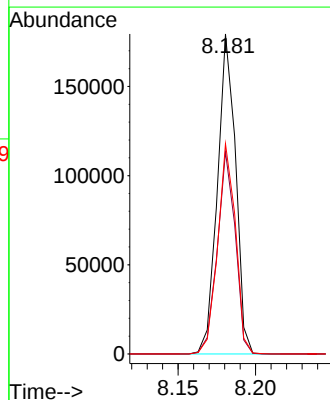
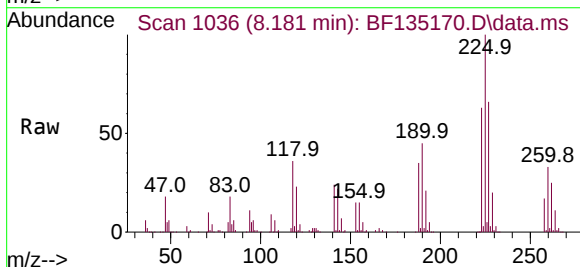
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

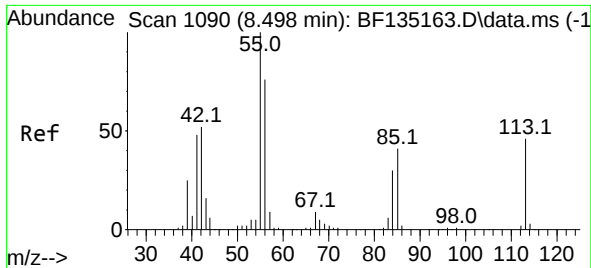
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 367282 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.8  | 38.8   |
| 65       | 32.2  | 26.6  | 39.8   |
| 92       | 19.2  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 39.507 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 146124 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 50.6  | 75.8   |
| 227      | 65.7  | 50.8  | 76.2   |

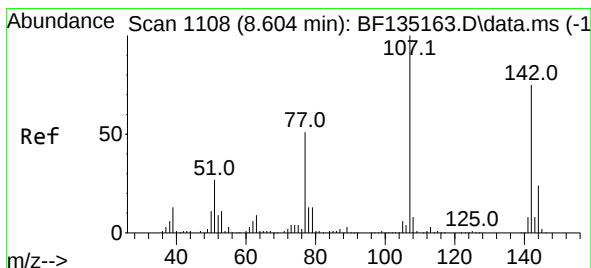
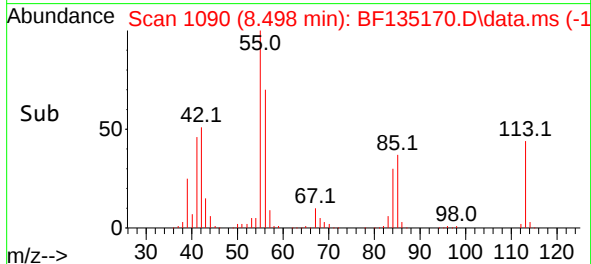
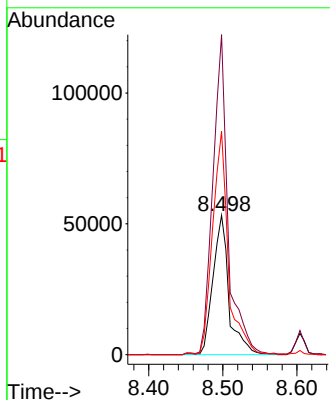
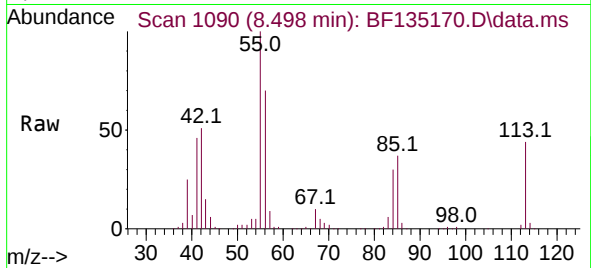




#35  
 Caprolactam  
 Concen: 40.423 ng  
 RT: 8.498 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

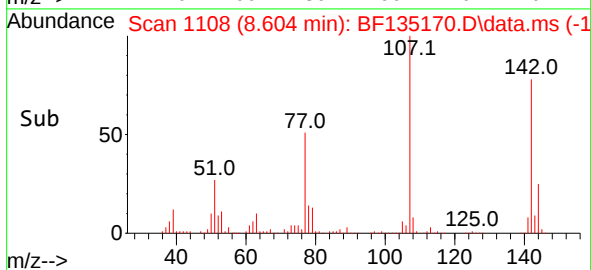
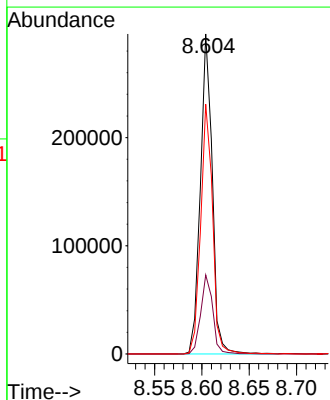
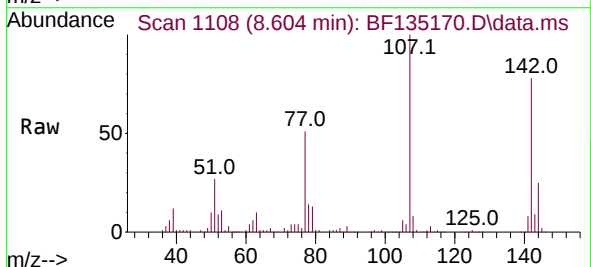
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

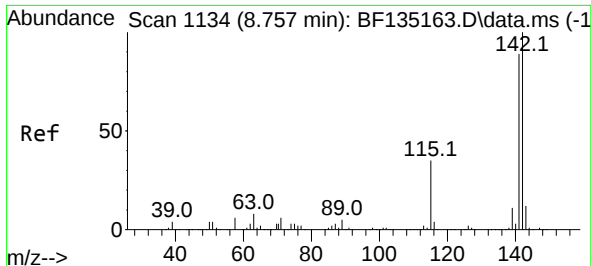
Tgt Ion:113 Resp: 79616  
 Ion Ratio Lower Upper  
 113 100  
 55 229.6 199.3 239.3  
 56 160.2 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.698 ng  
 RT: 8.604 min Scan# 1108  
 Delta R.T. 0.000 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Tgt Ion:107 Resp: 258926  
 Ion Ratio Lower Upper  
 107 100  
 144 24.7 19.0 28.4  
 142 78.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.858 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

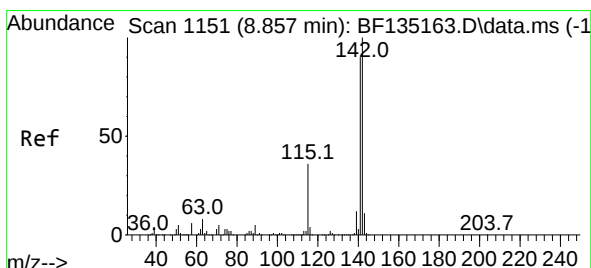
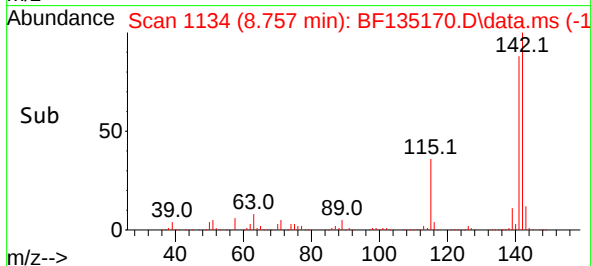
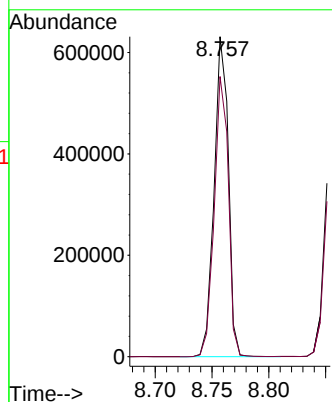
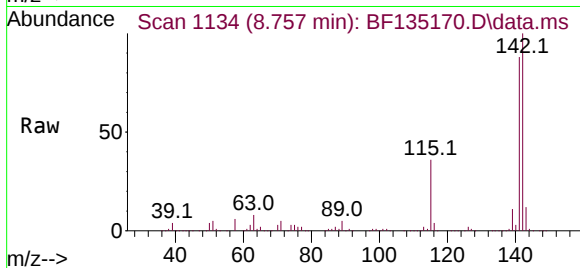
SSTDCCC040

Tgt Ion:142 Resp: 547644

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.420 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135170.D

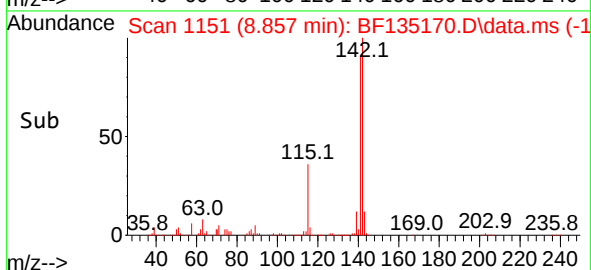
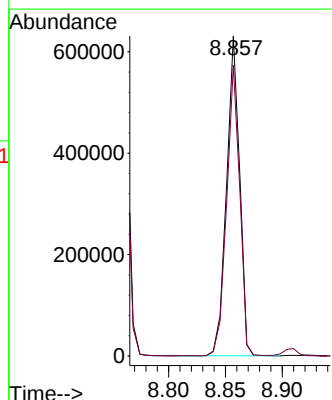
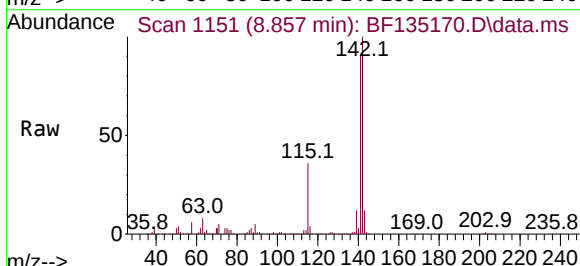
Acq: 12 Sep 2023 08:53

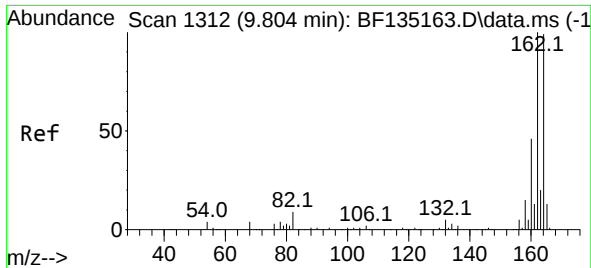
Tgt Ion:142 Resp: 506944

Ion Ratio Lower Upper

142 100

141 90.8 72.4 108.6

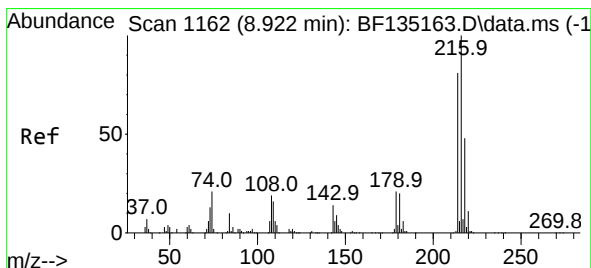
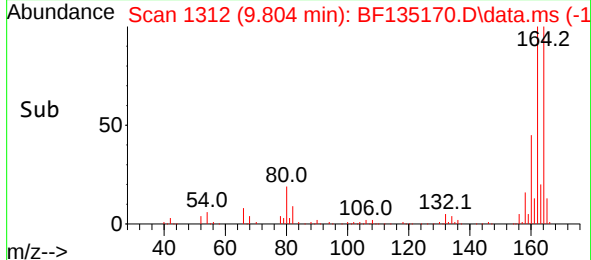
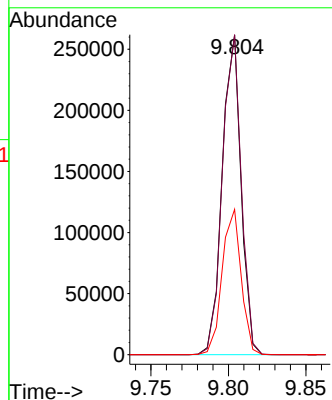
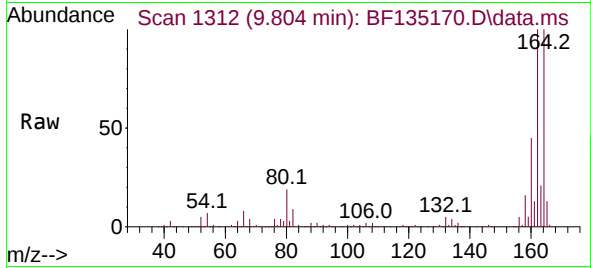




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.804 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

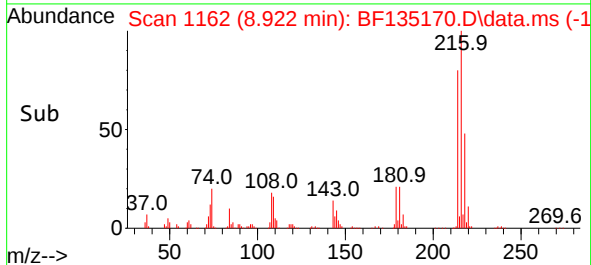
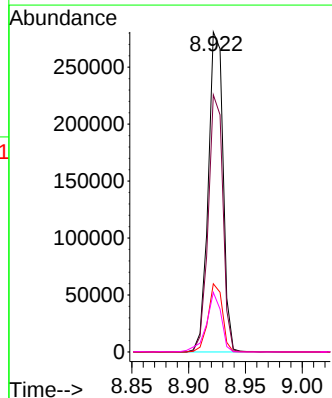
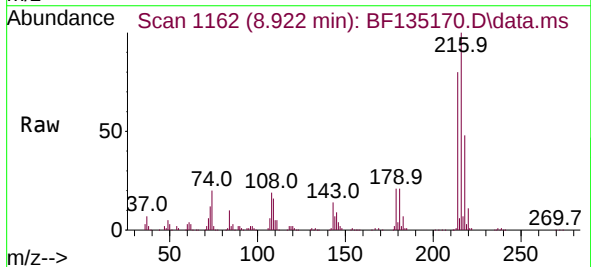
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BNA\_F  
ClientSampleId :  
SSTDCCC040

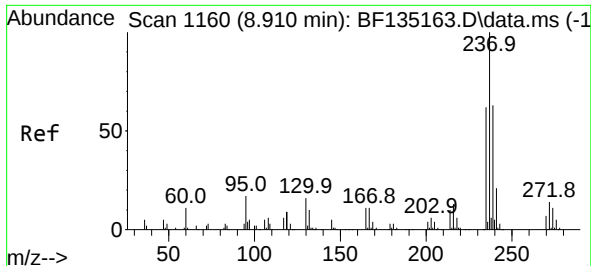
Tgt Ion:164 Resp: 220664  
Ion Ratio Lower Upper  
164 100  
162 100.1 81.0 121.4  
160 45.4 37.0 55.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.717 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:216 Resp: 253902  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.7 95.5  
179 20.7 16.7 25.1  
108 18.6 14.9 22.3

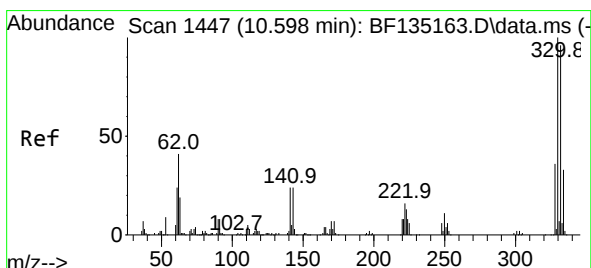
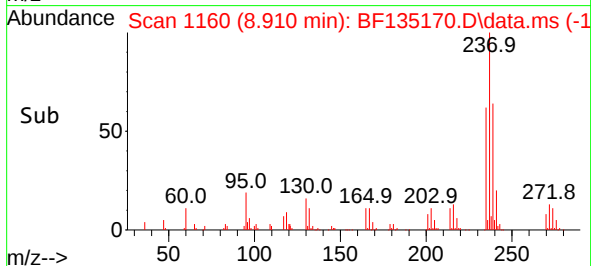
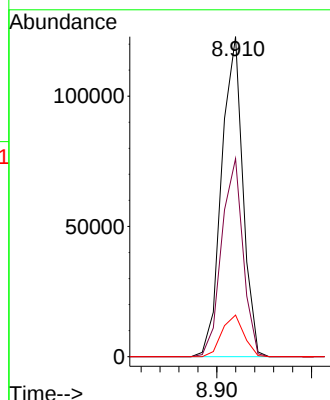
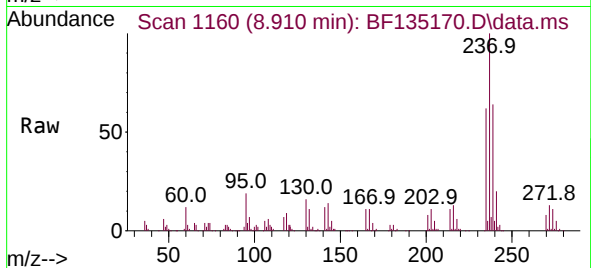




#41  
Hexachlorocyclopentadiene  
Concen: 38.229 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

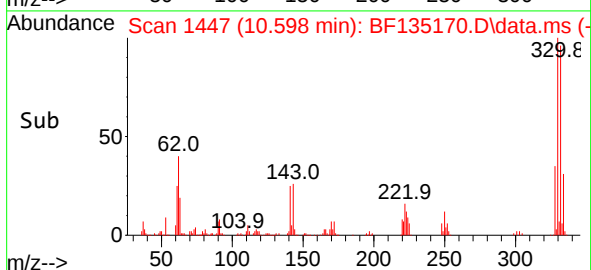
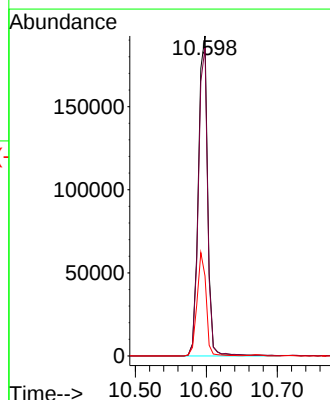
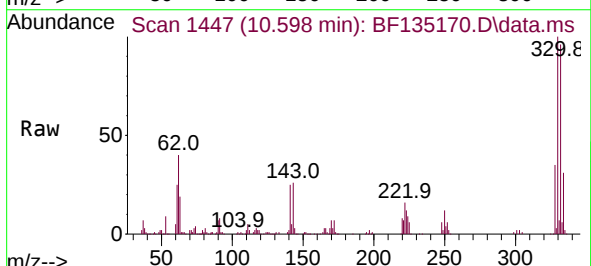
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

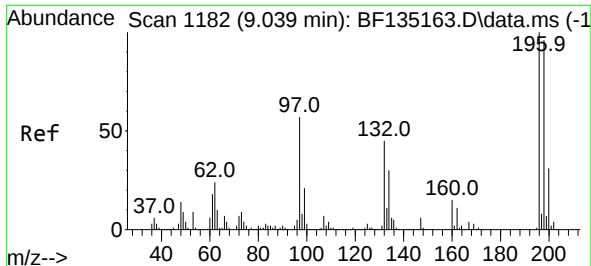
Tgt Ion:237 Resp: 95721  
Ion Ratio Lower Upper  
237 100  
235 61.9 41.8 81.8  
272 13.0 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 80.293 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:330 Resp: 176072  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.3 115.9  
141 31.4 25.8 38.8

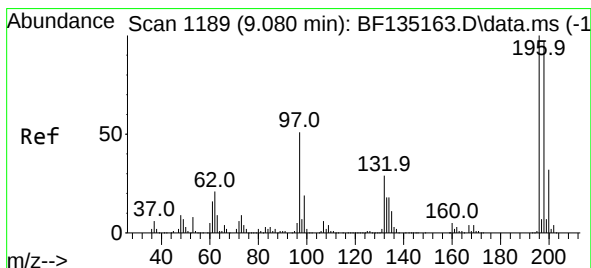
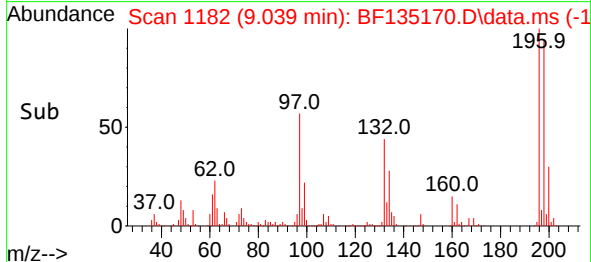
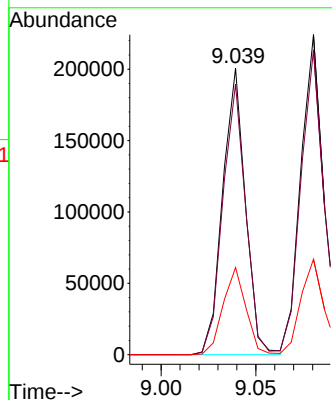
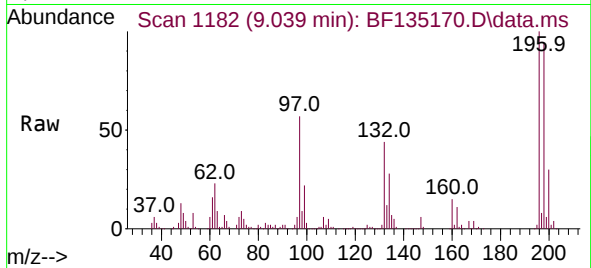




#43  
2,4,6-Trichlorophenol  
Concen: 40.095 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

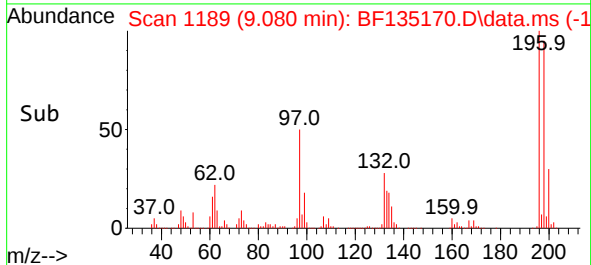
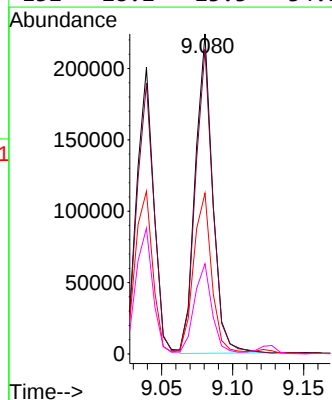
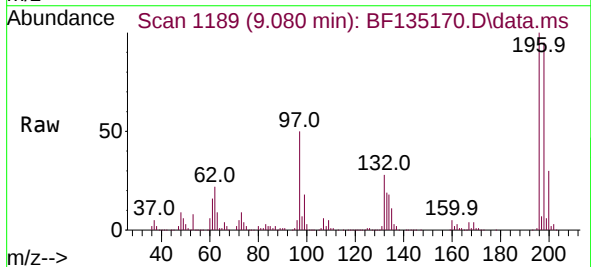
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

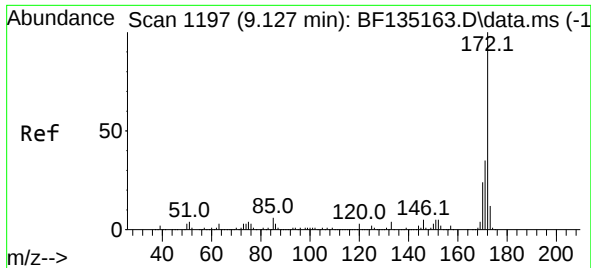
Tgt Ion:196 Resp: 167823  
Ion Ratio Lower Upper  
196 100  
198 94.4 77.0 115.6  
200 30.5 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 39.466 ng  
RT: 9.080 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:196 Resp: 190236  
Ion Ratio Lower Upper  
196 100  
198 95.3 77.5 116.3  
97 50.2 40.5 60.7  
132 28.2 23.3 34.9

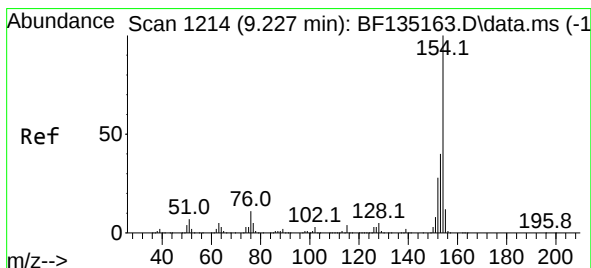
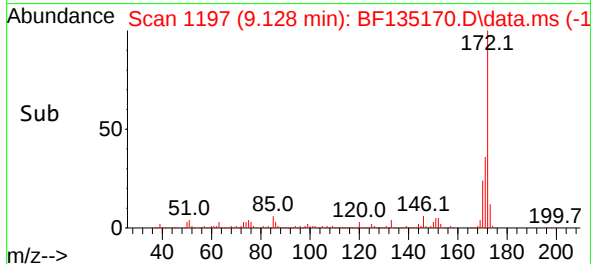
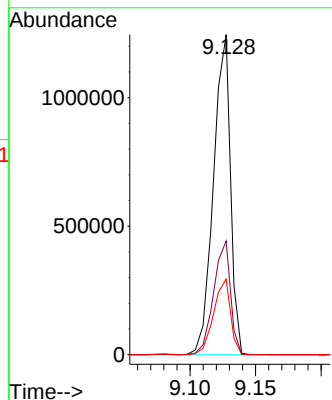
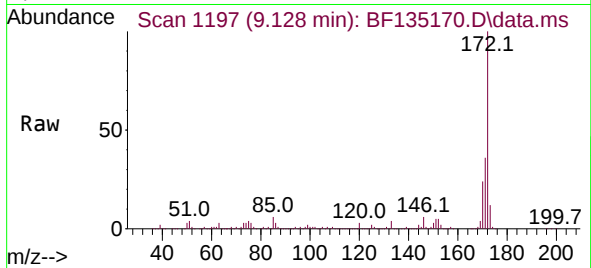




#45  
2-Fluorobiphenyl  
Concen: 76.714 ng  
RT: 9.128 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

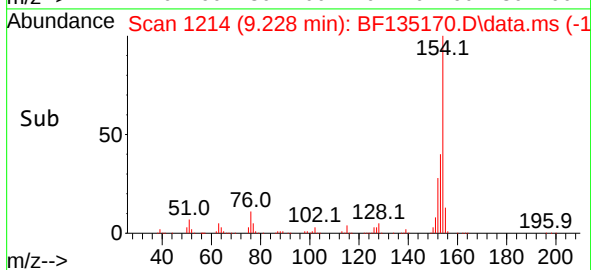
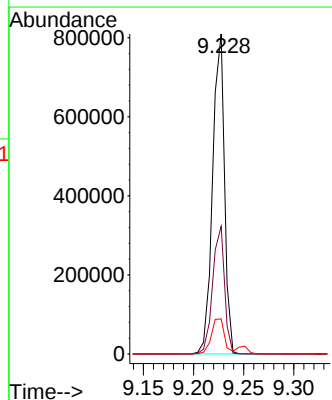
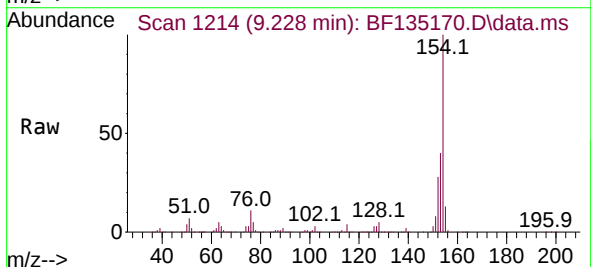
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

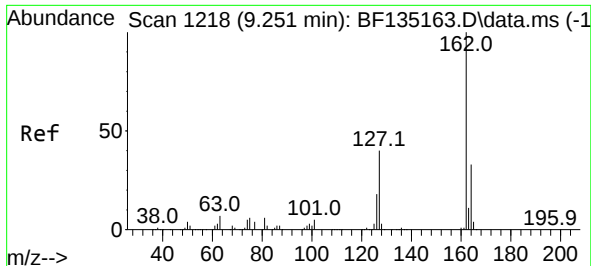
Tgt Ion:172 Resp: 1122017  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.4 42.6  
170 23.6 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 39.315 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:154 Resp: 666695  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.6 59.6  
76 11.0 0.0 31.0

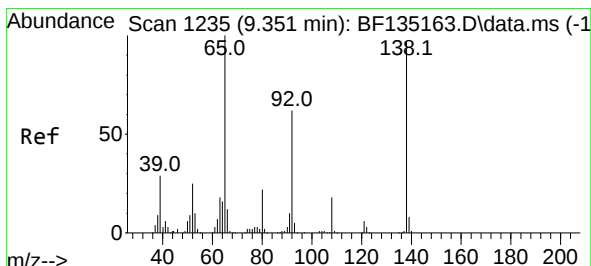
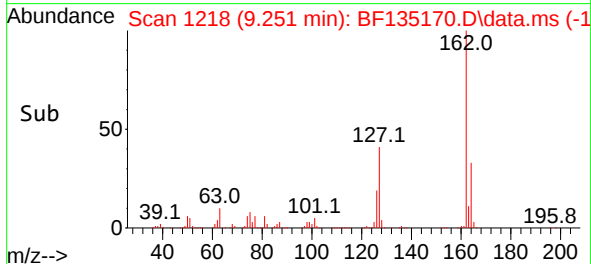
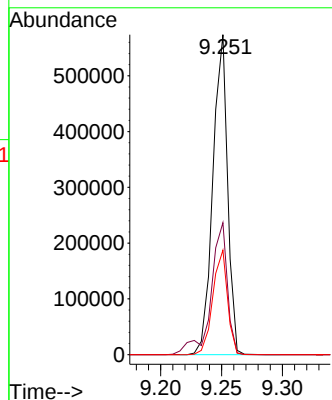
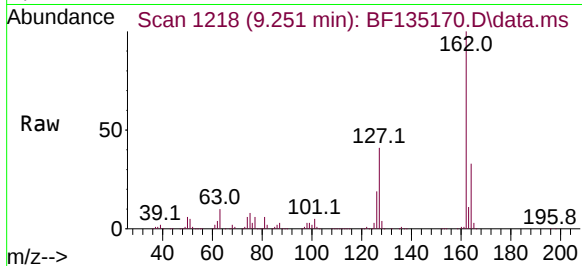




#47  
2-Chloronaphthalene  
Concen: 39.061 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

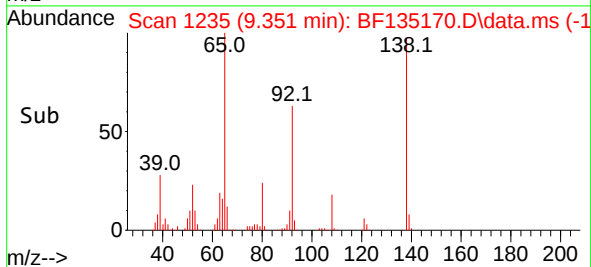
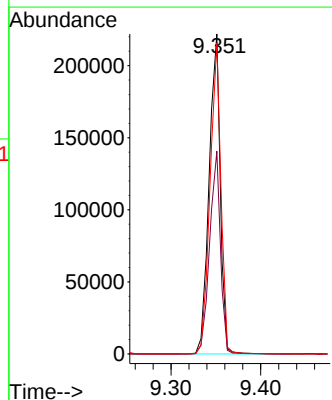
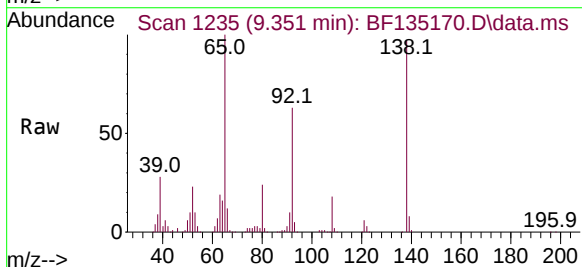
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

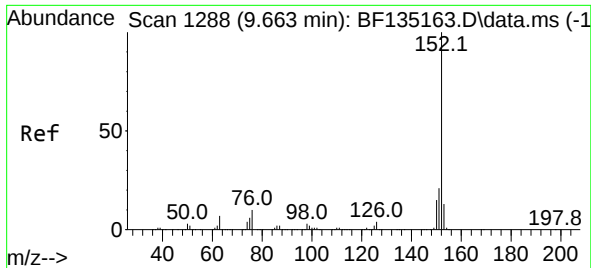
Tgt Ion:162 Resp: 480598  
Ion Ratio Lower Upper  
162 100  
127 41.3 32.6 48.8  
164 32.7 26.2 39.2



#48  
2-Nitroaniline  
Concen: 40.027 ng  
RT: 9.351 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion: 65 Resp: 191330  
Ion Ratio Lower Upper  
65 100  
92 63.4 49.4 74.0  
138 97.1 77.4 116.0

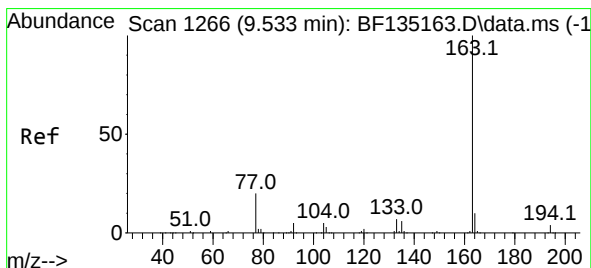
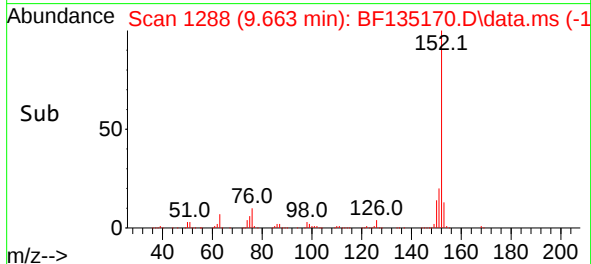
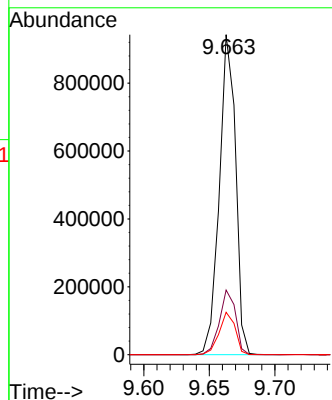
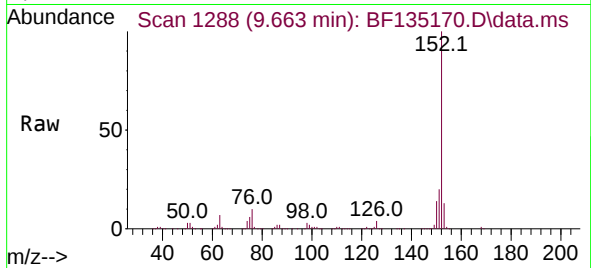




#49  
Acenaphthylene  
Concen: 39.706 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

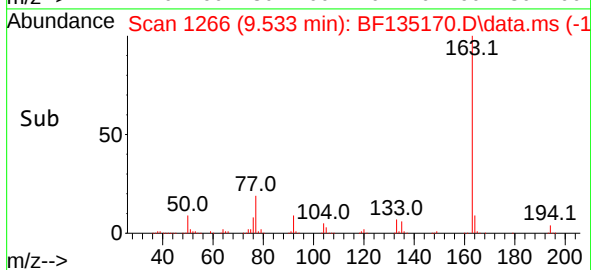
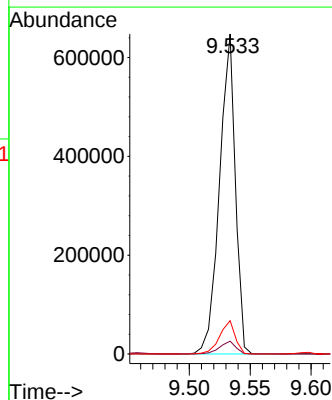
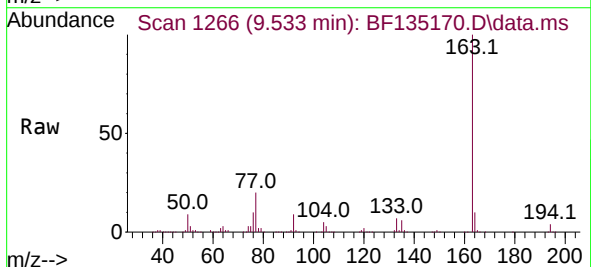
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

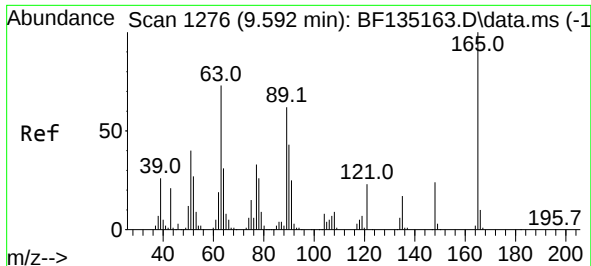
Tgt Ion:152 Resp: 811902  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.4 24.6  
153 13.3 10.4 15.6



#50  
Dimethylphthalate  
Concen: 39.324 ng  
RT: 9.533 min Scan# 1266  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:163 Resp: 586675  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 40.855 ng

RT: 9.598 min Scan# 1276

Delta R.T. 0.006 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

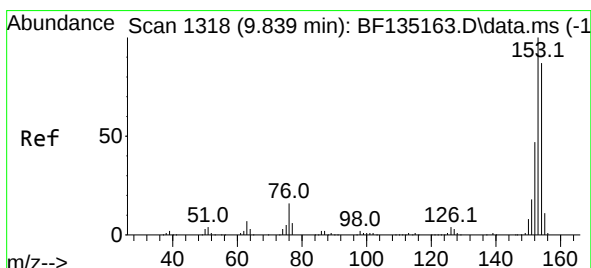
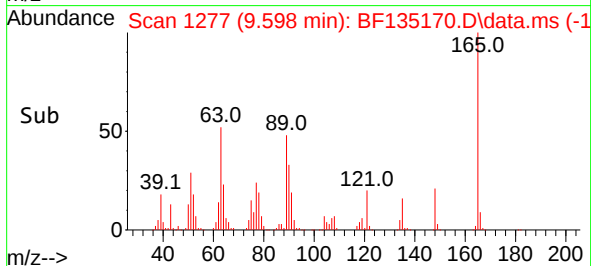
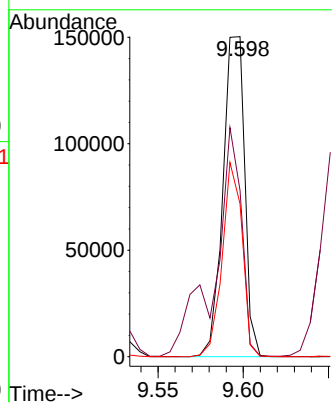
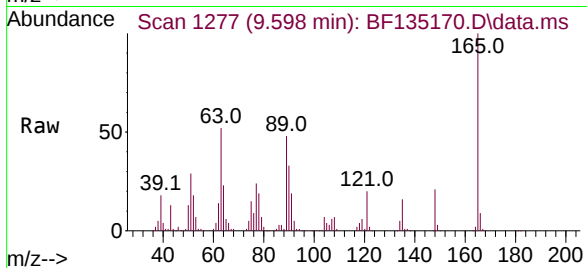
Tgt Ion:165 Resp: 133526

Ion Ratio Lower Upper

165 100

63 52.0 59.4 89.2#

89 47.8 49.8 74.8#



#52

Acenaphthene

Concen: 39.114 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

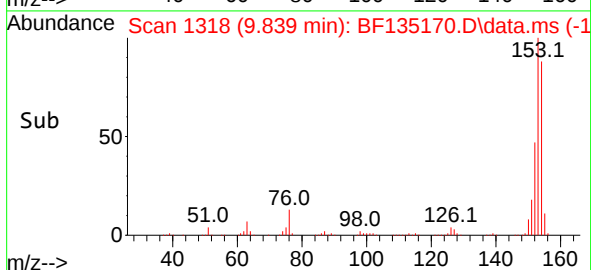
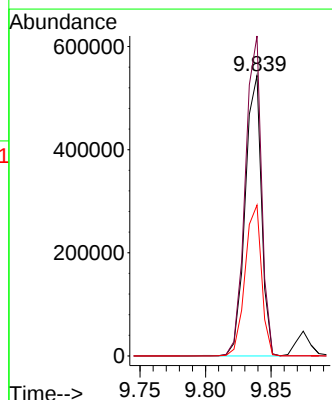
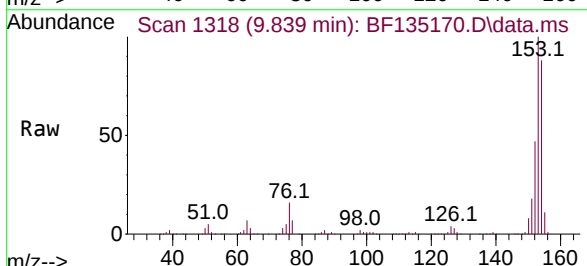
Tgt Ion:154 Resp: 472486

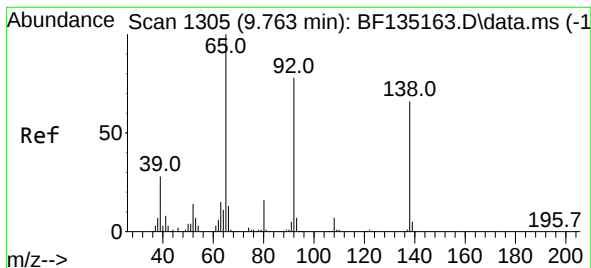
Ion Ratio Lower Upper

154 100

153 114.1 92.1 138.1

152 53.8 43.1 64.7





#53

3-Nitroaniline

Concen: 41.220 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

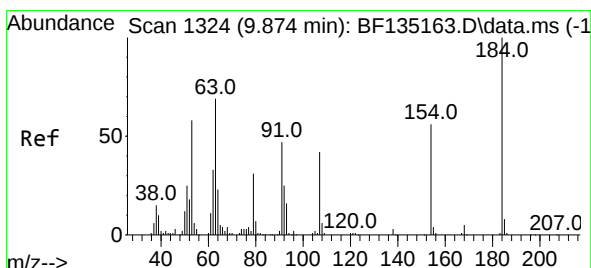
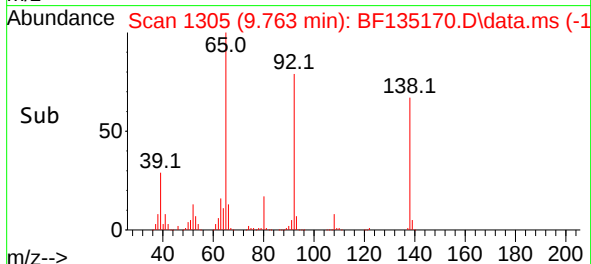
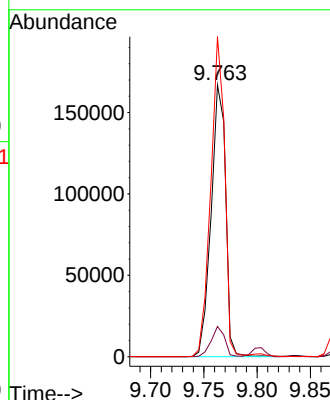
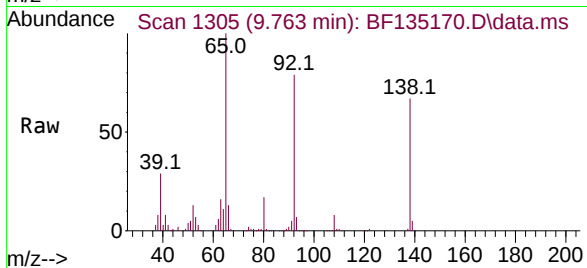
Tgt Ion:138 Resp: 158138

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

92 117.8 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 38.367 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.001 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

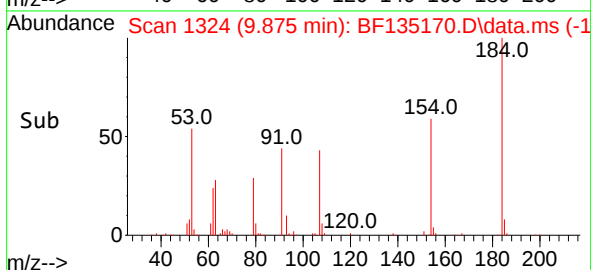
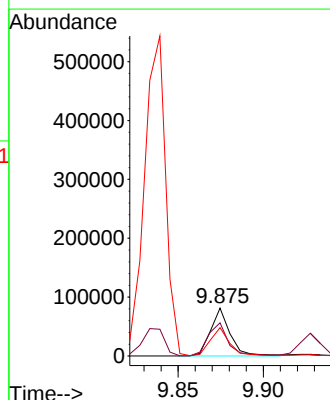
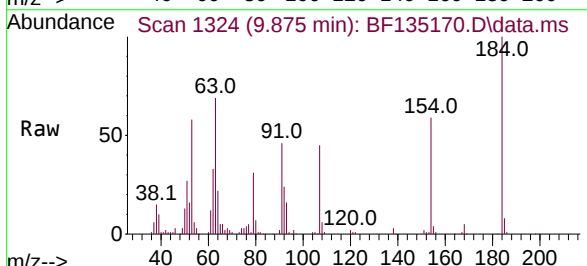
Tgt Ion:184 Resp: 64643

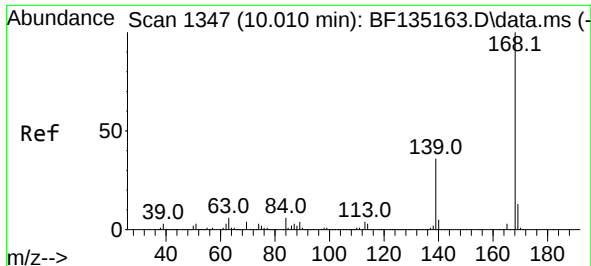
Ion Ratio Lower Upper

184 100

63 69.4 55.1 82.7

154 59.2 48.4 72.6

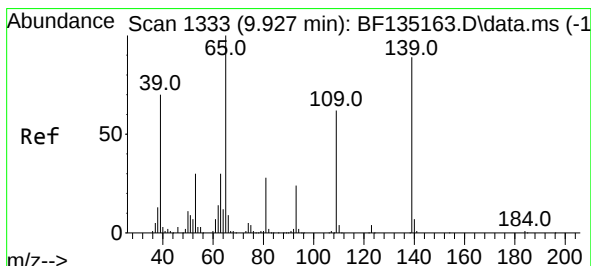
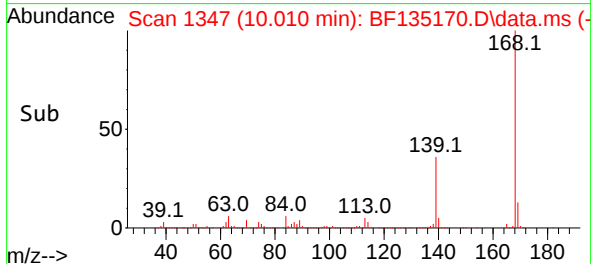
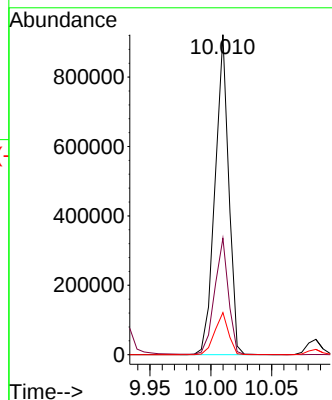
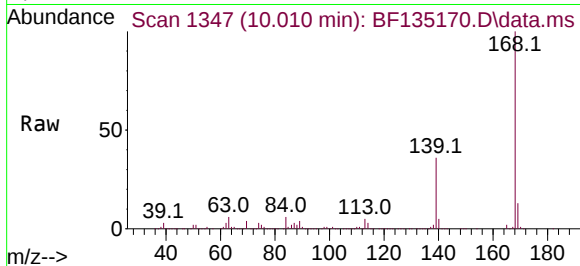




#55  
Dibenzenofuran  
Concen: 39.224 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

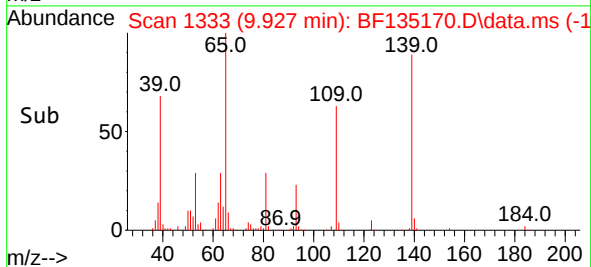
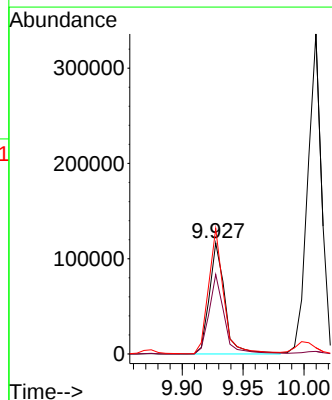
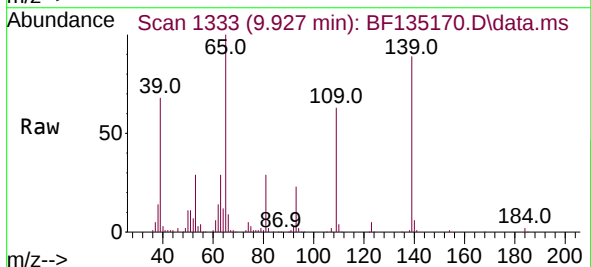
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

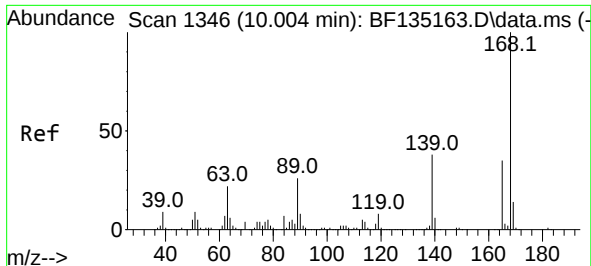
Tgt Ion:168 Resp: 723029  
Ion Ratio Lower Upper  
168 100  
139 36.4 29.0 43.6  
169 13.1 10.4 15.6



#56  
4-Nitrophenol  
Concen: 42.506 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:139 Resp: 103640  
Ion Ratio Lower Upper  
139 100  
109 71.5 49.8 89.8  
65 113.0 92.7 132.7

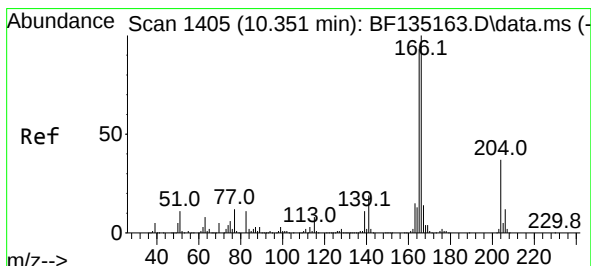
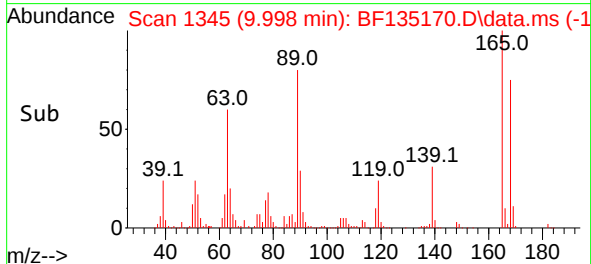
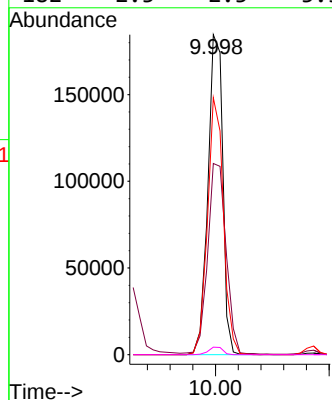
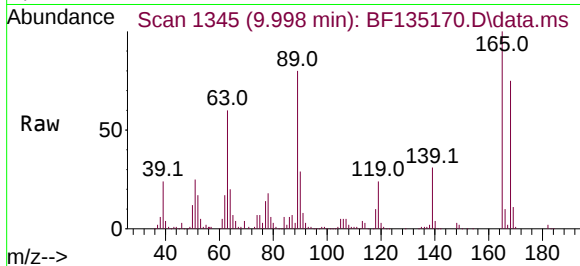




#57  
2,4-Dinitrotoluene  
Concen: 40.770 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

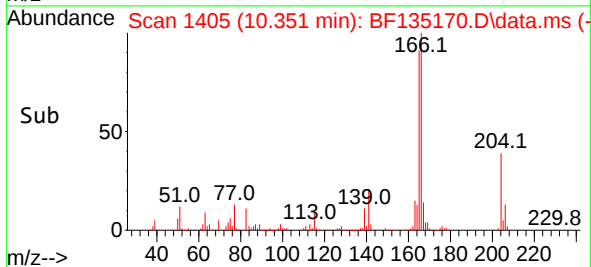
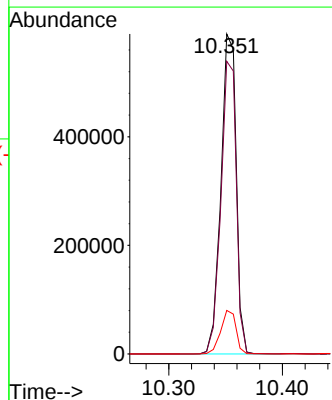
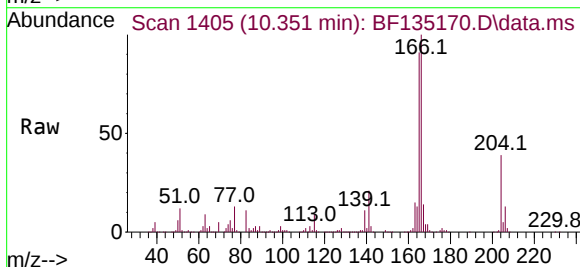
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

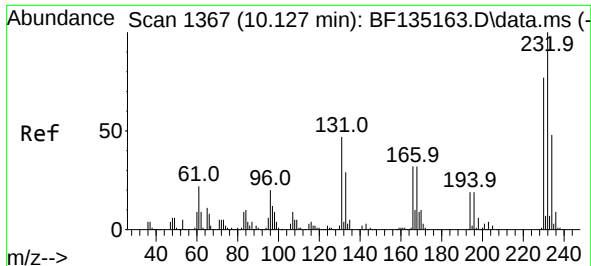
Tgt Ion:165 Resp: 166815  
Ion Ratio Lower Upper  
165 100  
63 59.7 50.1 75.1  
89 80.3 59.3 88.9  
182 2.3 2.3 3.5



#58  
Fluorene  
Concen: 39.036 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:166 Resp: 553175  
Ion Ratio Lower Upper  
166 100  
165 91.5 74.3 111.5  
167 13.6 10.9 16.3

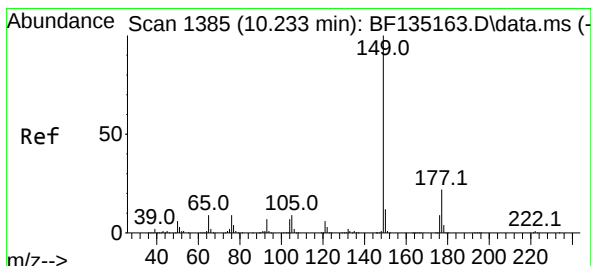
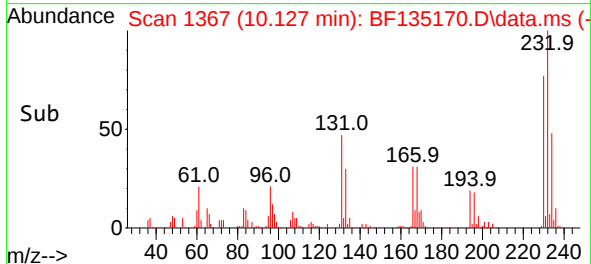
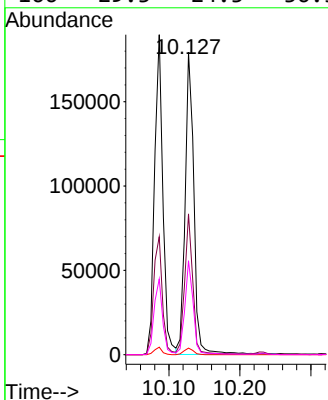
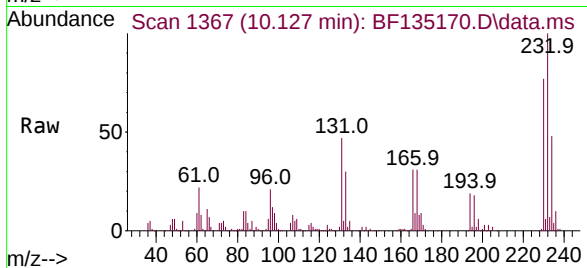




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.205 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

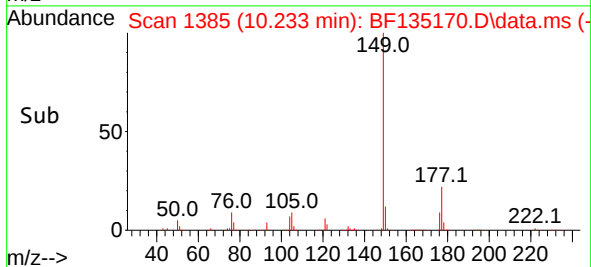
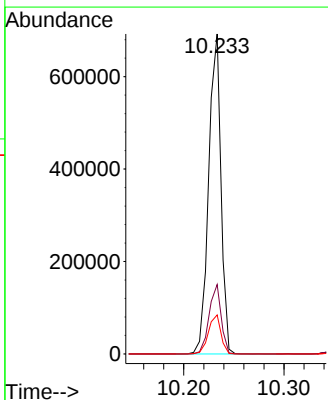
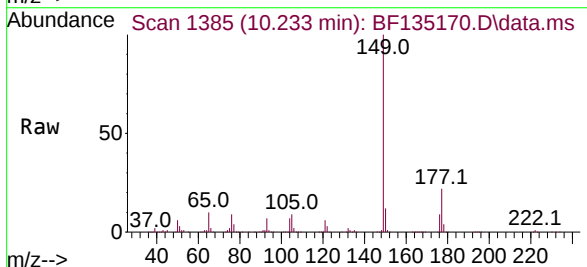
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

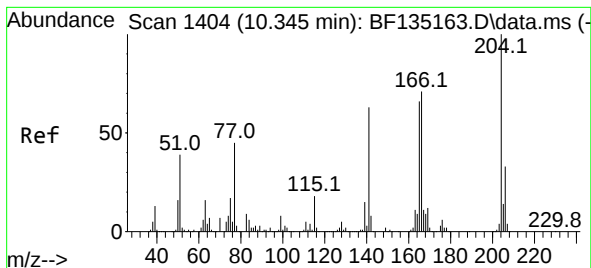
Tgt Ion:232 Resp: 152786  
Ion Ratio Lower Upper  
232 100  
131 42.8 35.4 53.2  
130 2.3 1.8 2.8  
166 29.3 24.3 36.5



#60  
Diethylphthalate  
Concen: 39.418 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:149 Resp: 590197  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.8 26.6  
150 12.2 10.0 15.0

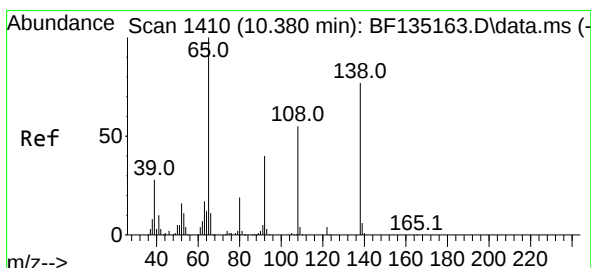
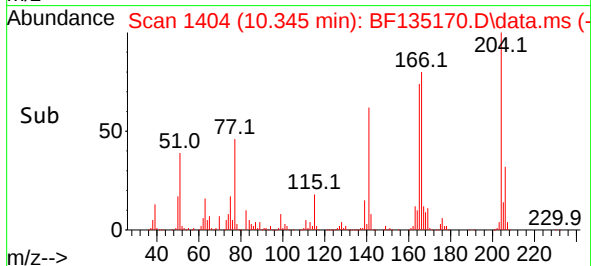
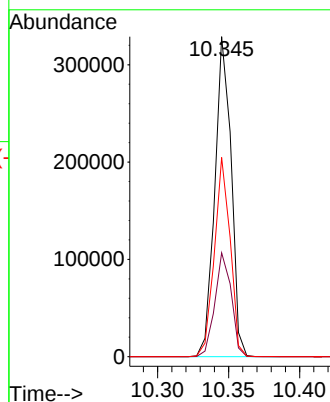
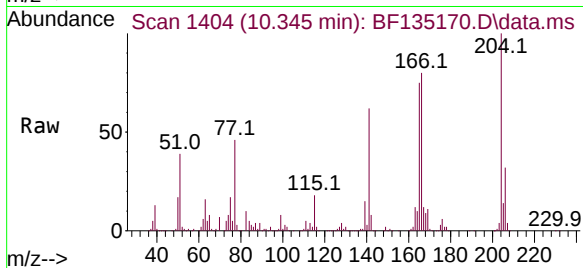




#61  
4-Chlorophenyl-phenylether  
Concen: 38.570 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

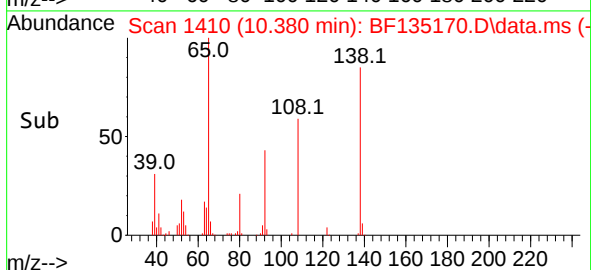
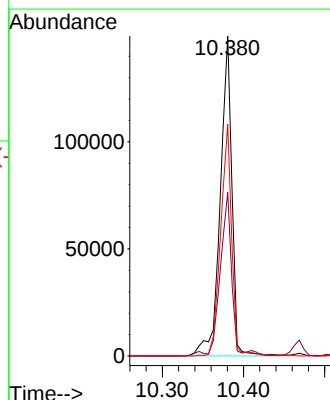
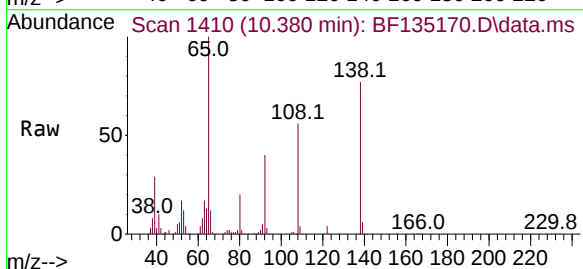
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

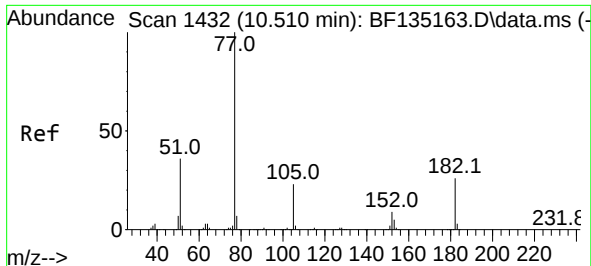
Tgt Ion:204 Resp: 262555  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.7 40.1  
141 62.2 50.6 75.8



#62  
4-Nitroaniline  
Concen: 40.584 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:138 Resp: 149664  
Ion Ratio Lower Upper  
138 100  
92 51.1 31.8 71.8  
108 72.4 52.0 92.0

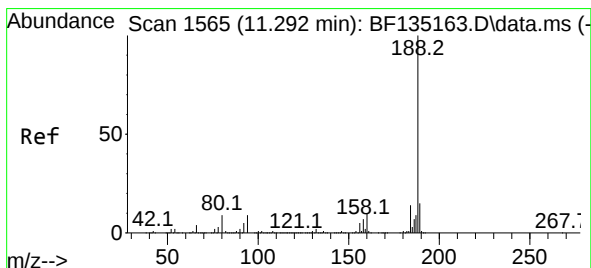
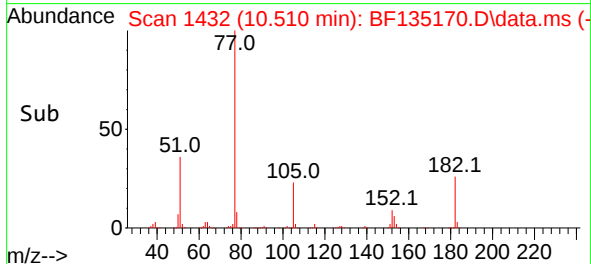
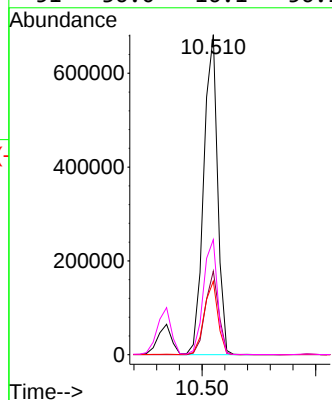
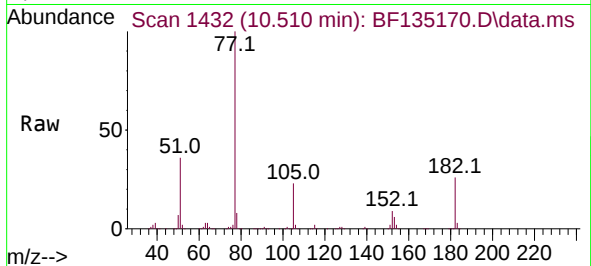




#63  
Azobenzene  
Concen: 39.495 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

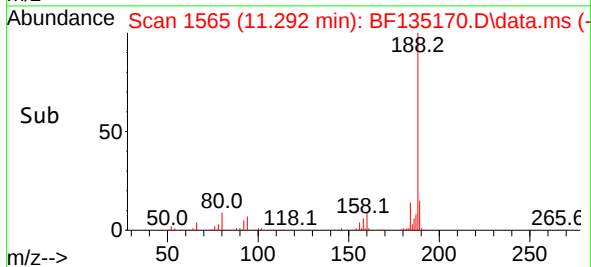
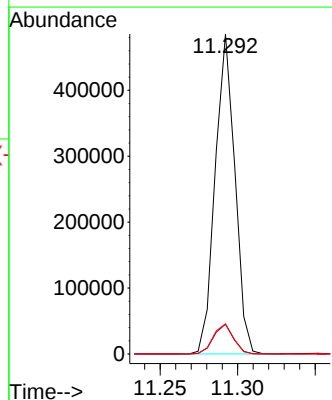
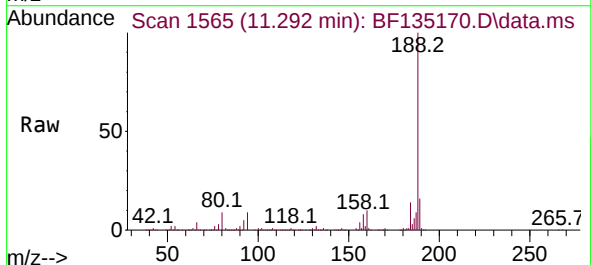
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

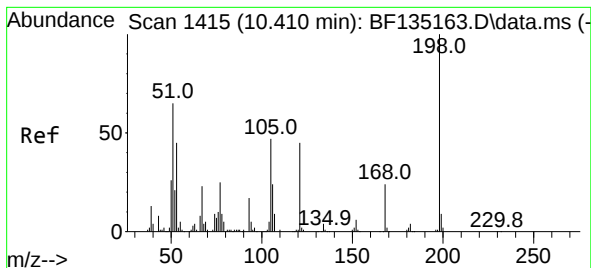
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 578752 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 26.1  | 6.4   | 46.4   |
| 105      | 23.0  | 3.1   | 43.1   |
| 51       | 36.0  | 16.1  | 56.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.292 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 429741 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.3   | 7.0   | 10.6   |
| 80       | 9.4   | 7.5   | 11.3   |

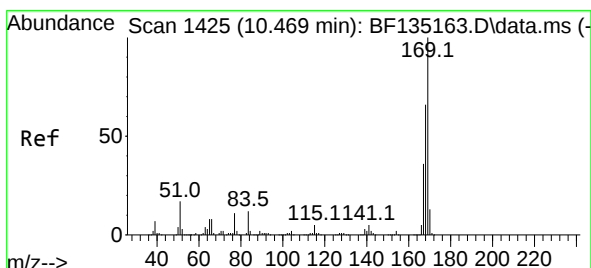
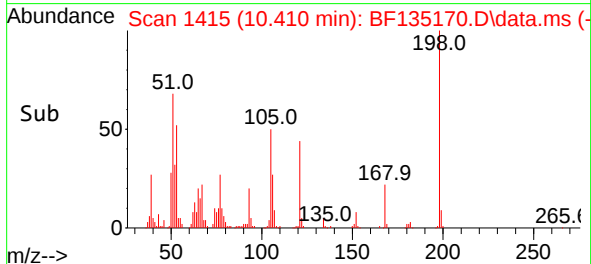
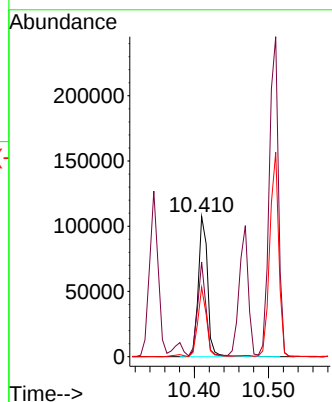
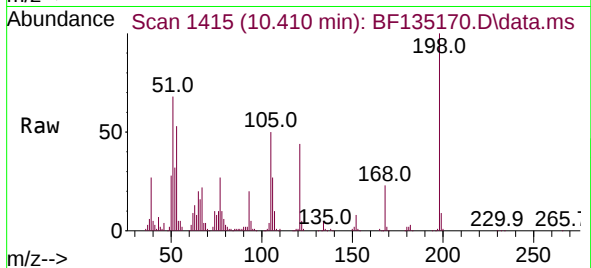




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.683 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

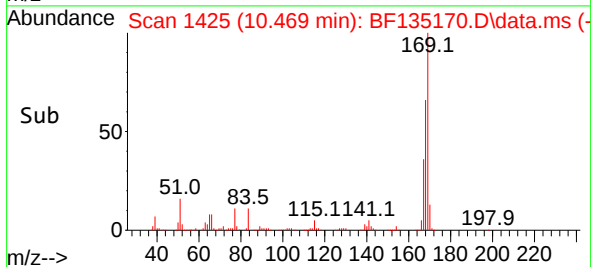
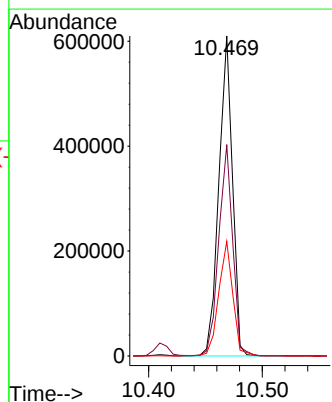
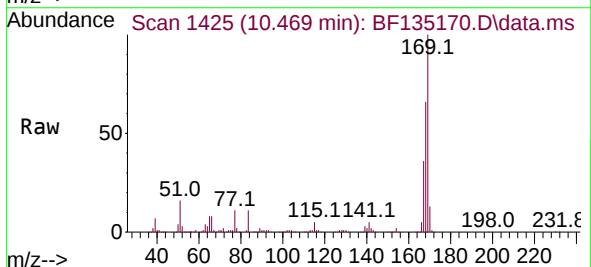
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

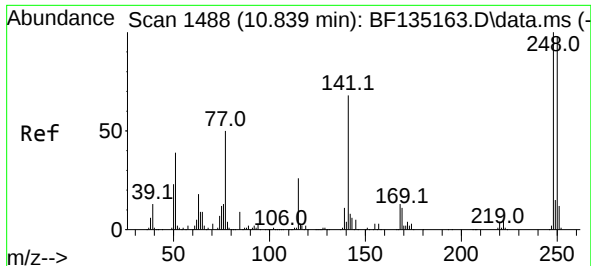
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 67.6  | 47.7  | 87.7  |
| 105     | 49.5  | 27.4  | 67.4  |



#66  
n-Nitrosodiphenylamine  
Concen: 39.179 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.1  | 52.8  | 79.2  |
| 167     | 35.8  | 29.0  | 43.6  |

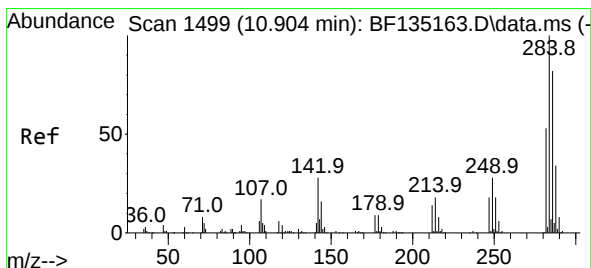
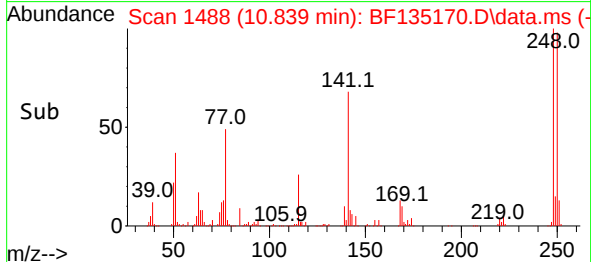
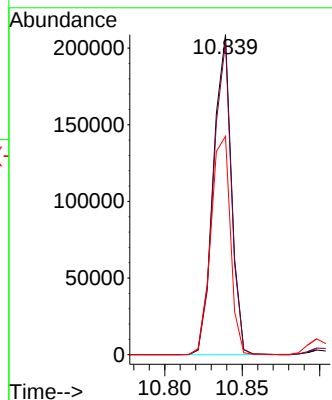
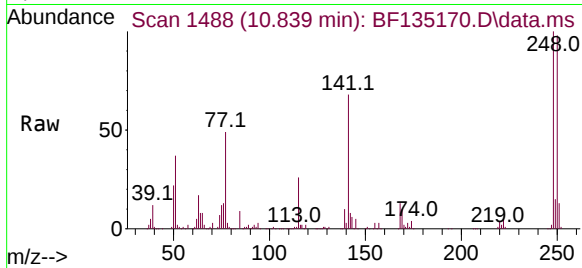




#67  
4-Bromophenyl-phenylether  
Concen: 39.633 ng  
RT: 10.839 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

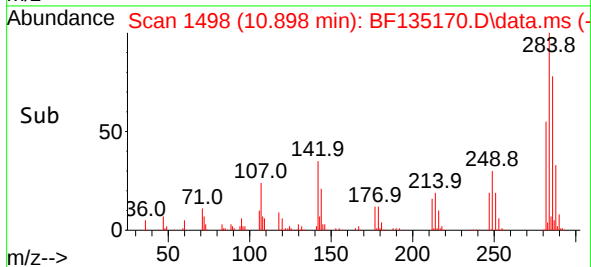
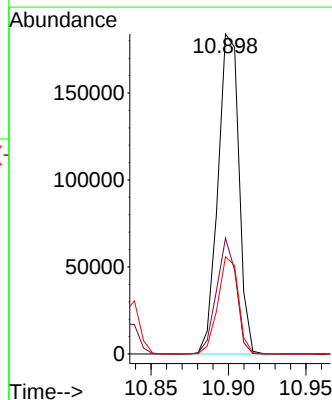
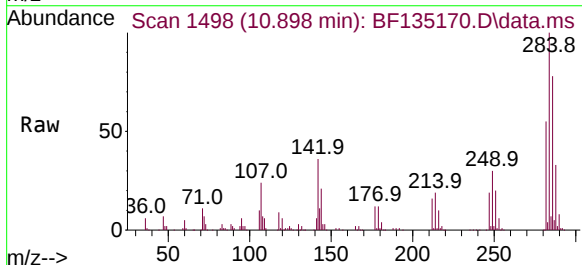
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

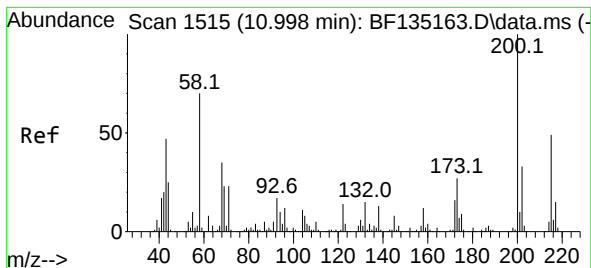
Tgt Ion:248 Resp: 169397  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.6 117.8  
141 68.3 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 39.843 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:284 Resp: 173490  
Ion Ratio Lower Upper  
284 100  
142 36.2 22.2 33.4#  
249 30.4 22.5 33.7





#69

Atrazine

Concen: 40.556 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

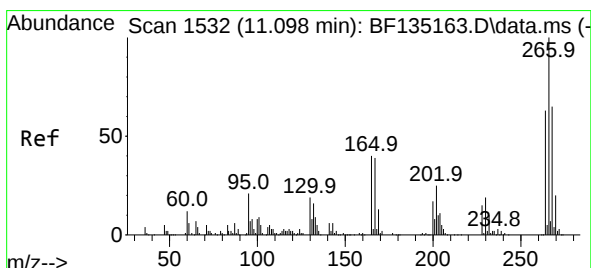
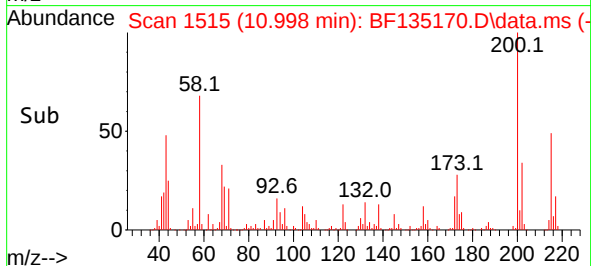
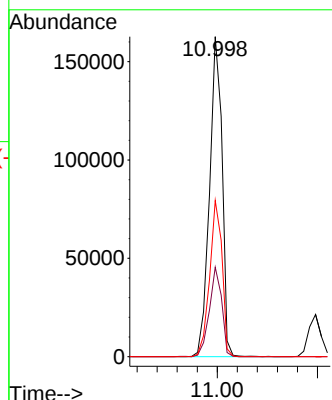
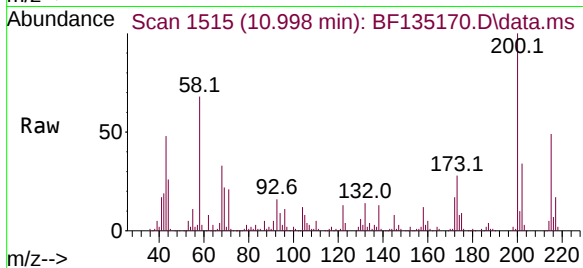
Tgt Ion:200 Resp: 141975

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 48.8 28.6 68.6



#70

Pentachlorophenol

Concen: 43.126 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

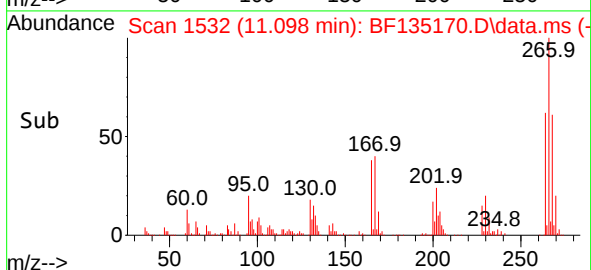
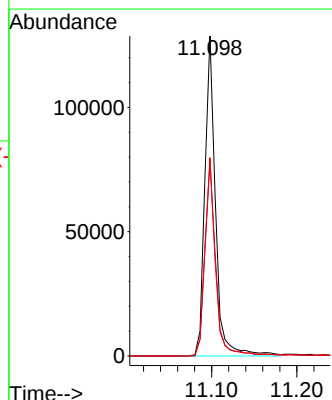
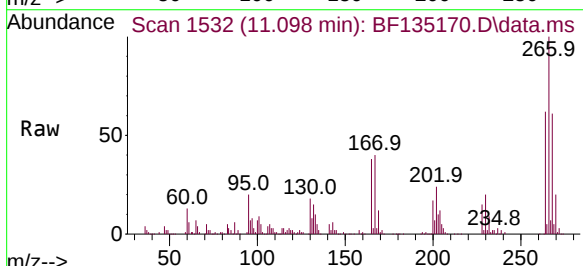
Tgt Ion:266 Resp: 112351

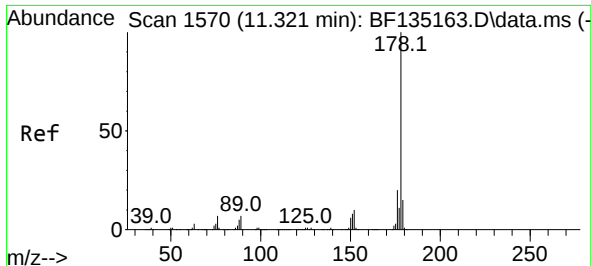
Ion Ratio Lower Upper

266 100

268 61.1 52.1 78.1

264 62.0 50.8 76.2

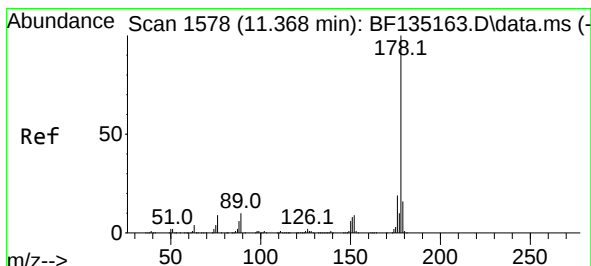
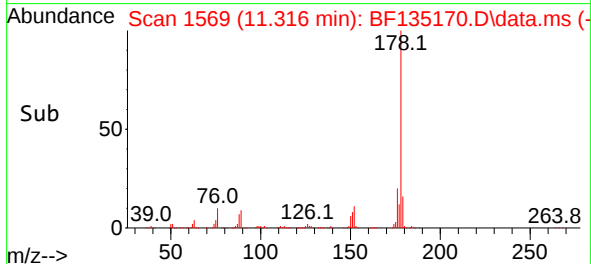
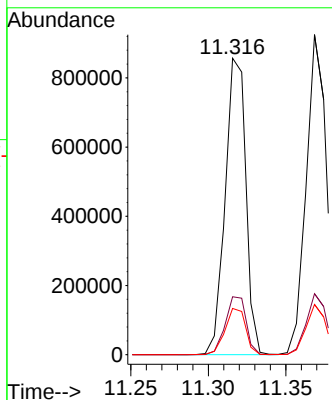
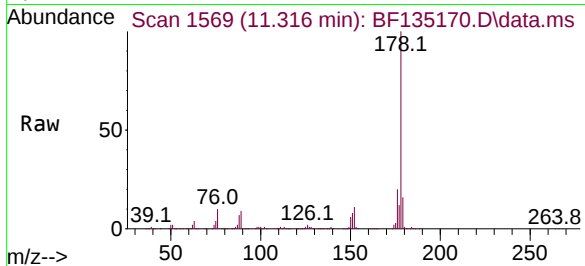




#71  
Phenanthrene  
Concen: 39.141 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

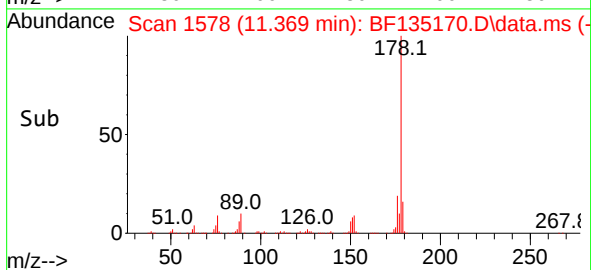
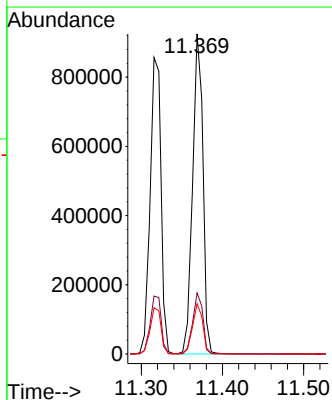
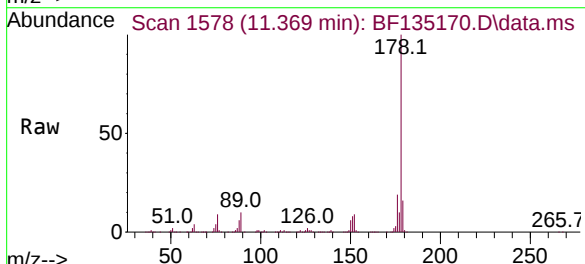
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

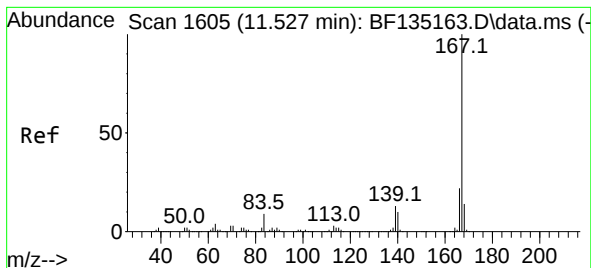
Tgt Ion:178 Resp: 795528  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.6 12.0 18.0



#72  
Anthracene  
Concen: 39.357 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:178 Resp: 822244  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 15.7 12.6 19.0





#73

Carbazole

Concen: 39.833 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

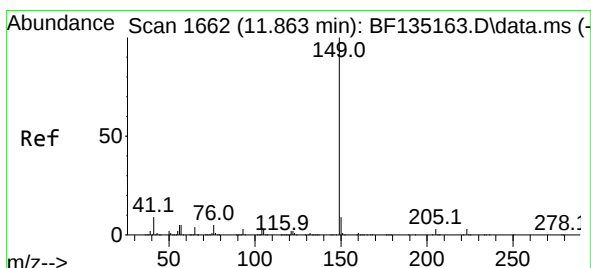
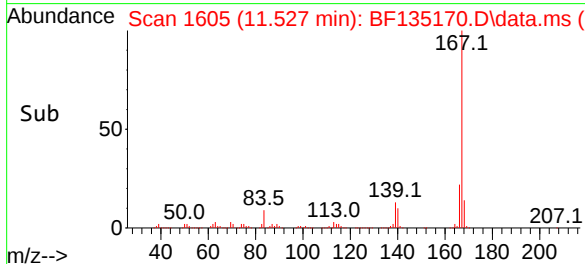
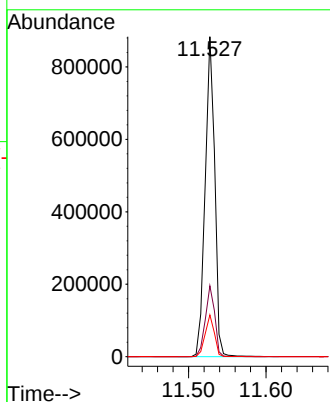
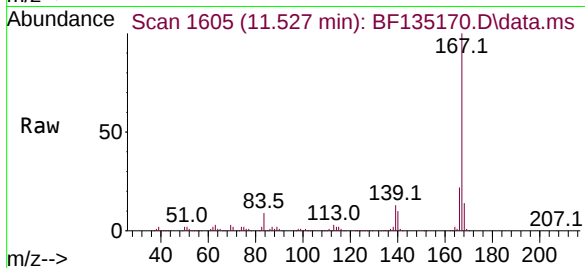
Tgt Ion:167 Resp: 757559

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 40.755 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

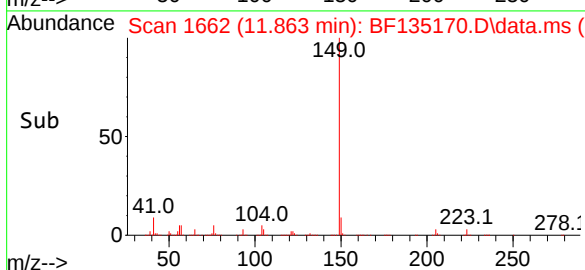
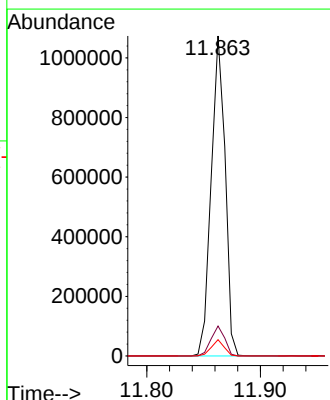
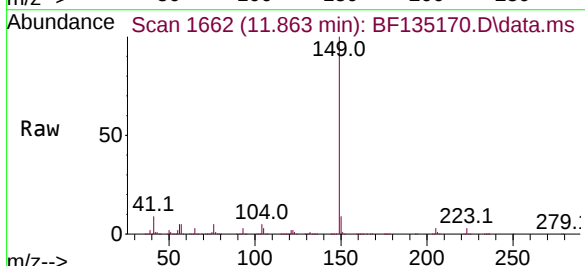
Tgt Ion:149 Resp: 913327

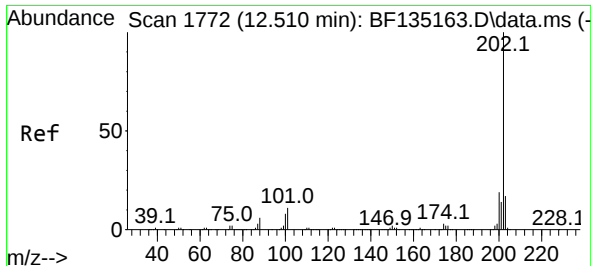
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.1 3.6 5.4

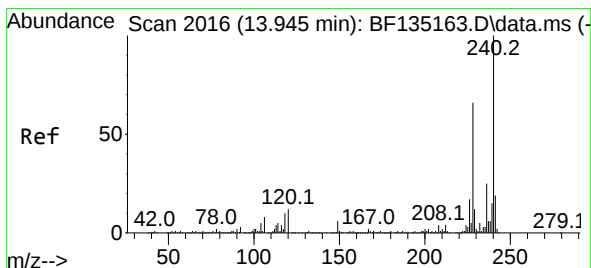
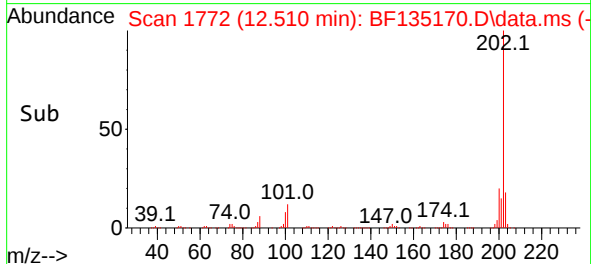
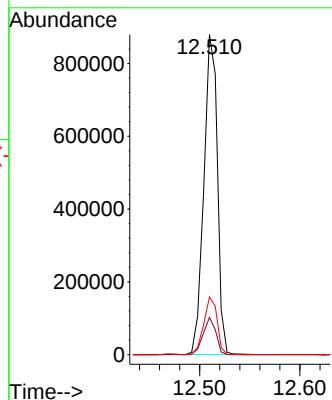
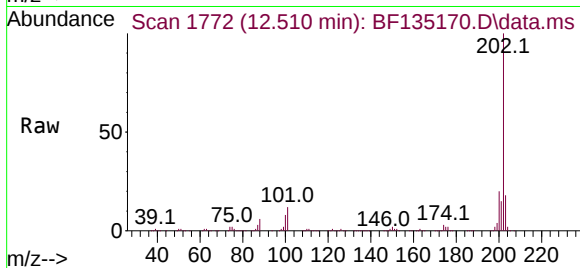




#75  
Fluoranthene  
Concen: 39.013 ng  
RT: 12.510 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

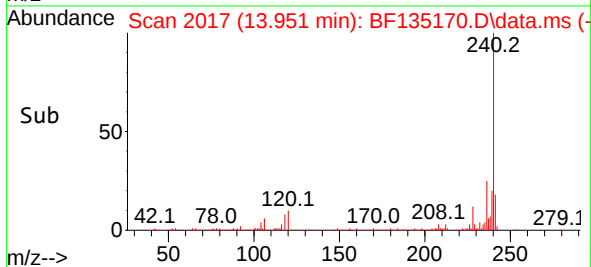
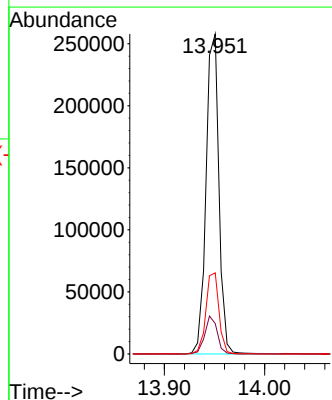
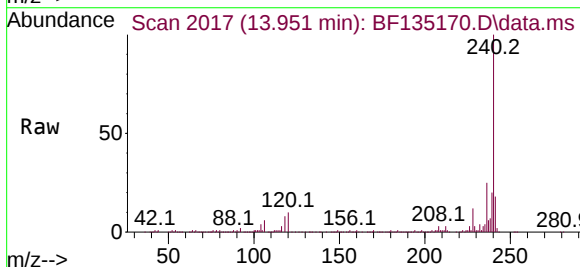
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

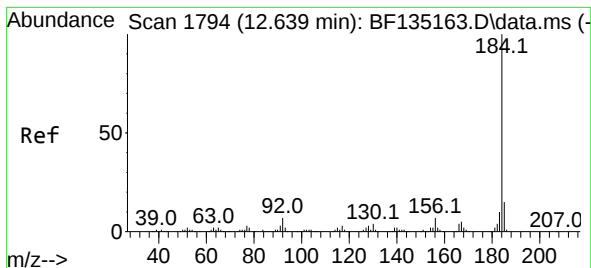
Tgt Ion:202 Resp: 826240  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 31.3  
203 18.1 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: BF135170.D  
Acq: 12 Sep 2023 08:53

Tgt Ion:240 Resp: 231225  
Ion Ratio Lower Upper  
240 100  
120 9.5 9.4 14.2  
236 25.4 19.8 29.8





#77

Benzidine

Concen: 45.235 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

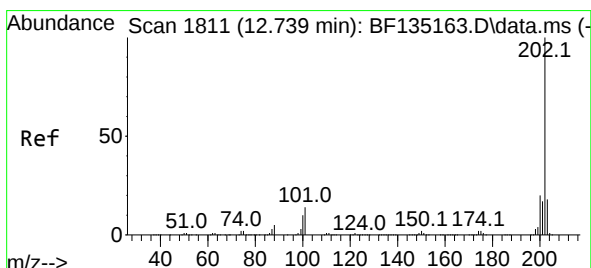
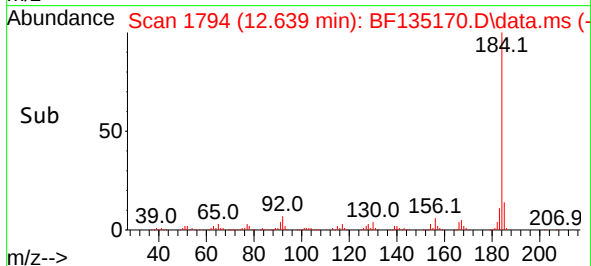
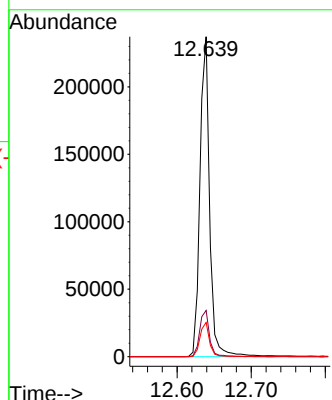
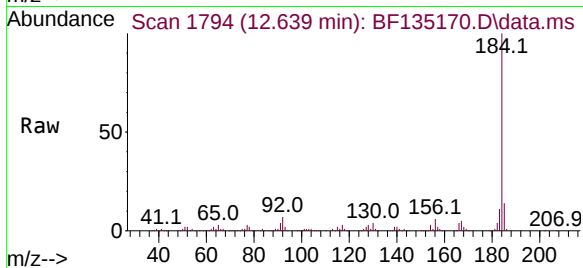
Tgt Ion:184 Resp: 214282

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.7 8.2 12.4



#78

Pyrene

Concen: 38.557 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

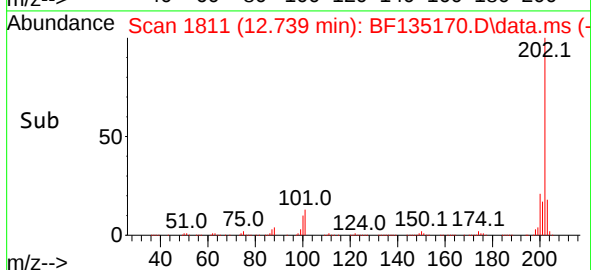
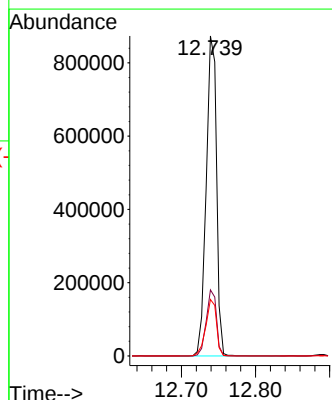
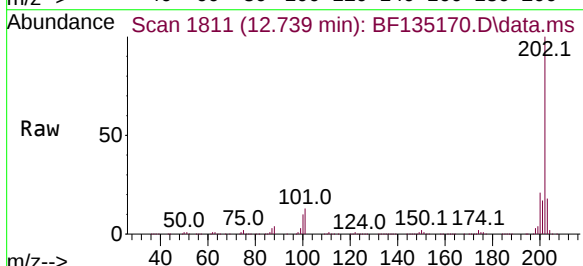
Tgt Ion:202 Resp: 848813

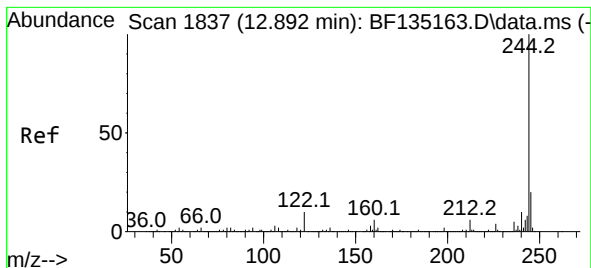
Ion Ratio Lower Upper

202 100

200 20.7 16.2 24.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 74.050 ng

RT: 12.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

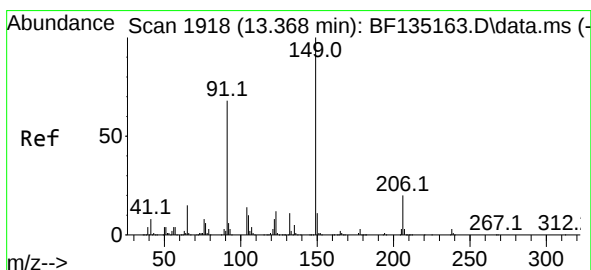
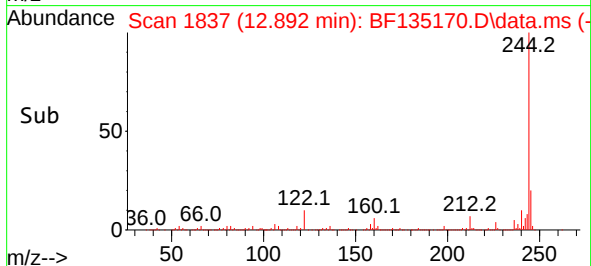
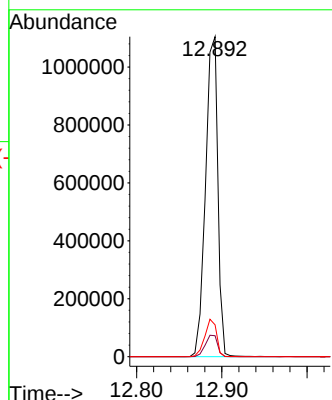
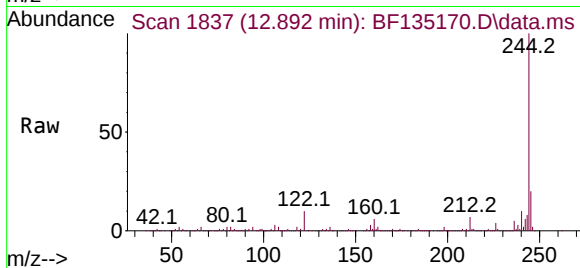
Tgt Ion:244 Resp: 1104515

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.0 7.9 11.9



#80

Butylbenzylphthalate

Concen: 40.846 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

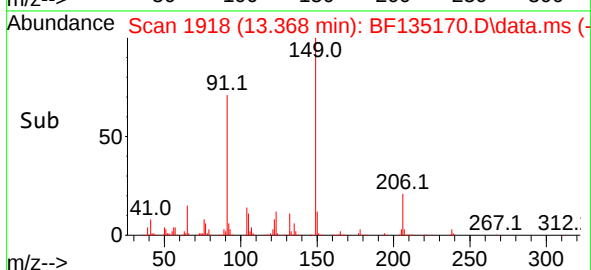
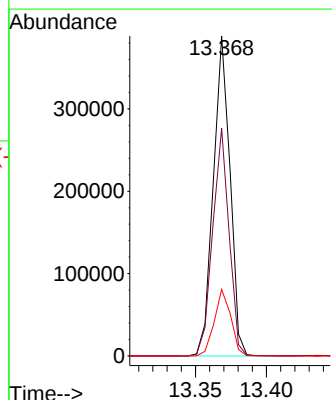
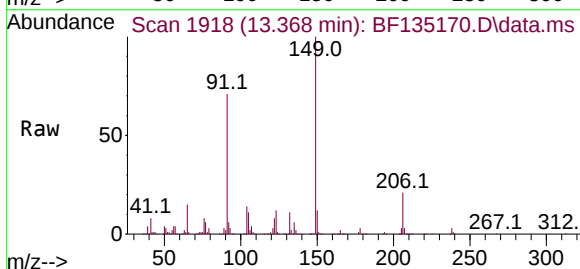
Tgt Ion:149 Resp: 316596

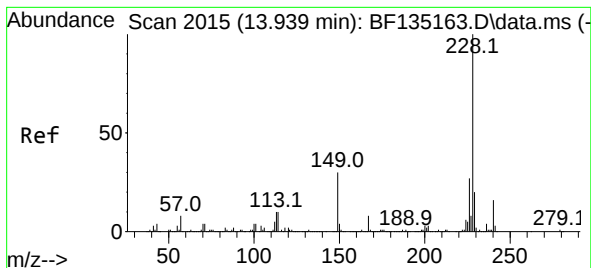
Ion Ratio Lower Upper

149 100

91 71.2 54.7 82.1

206 20.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 38.531 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

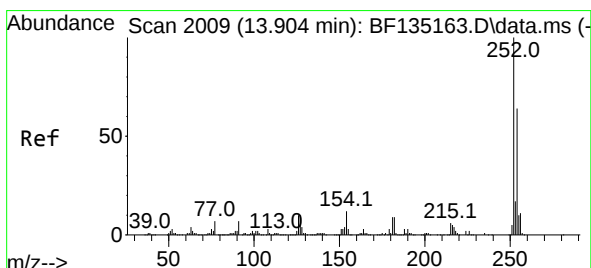
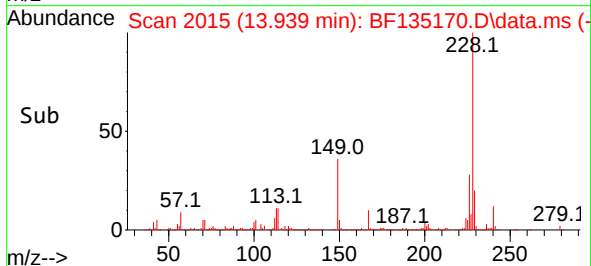
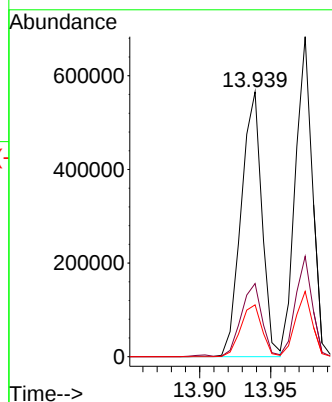
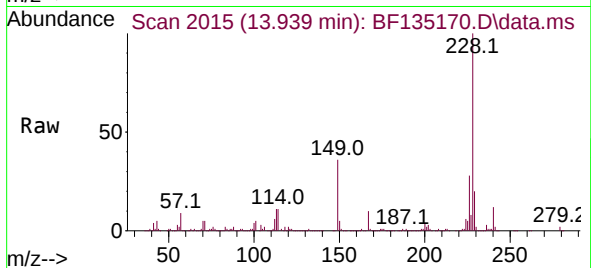
Tgt Ion:228 Resp: 575293

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.717 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

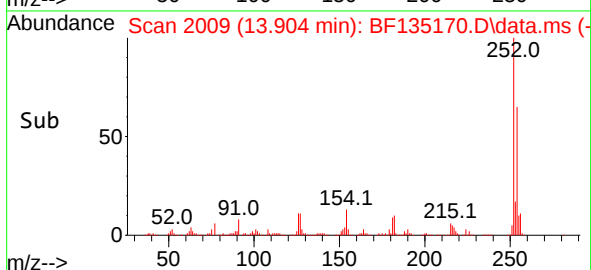
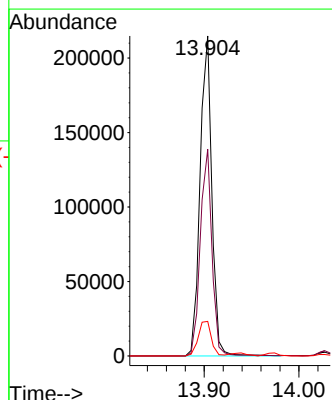
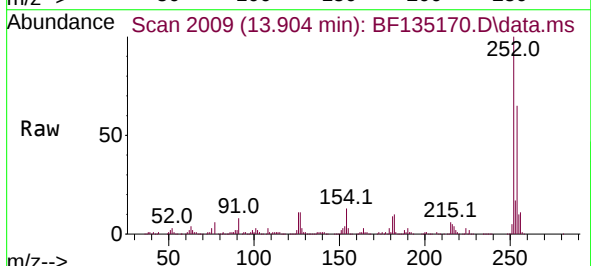
Tgt Ion:252 Resp: 185227

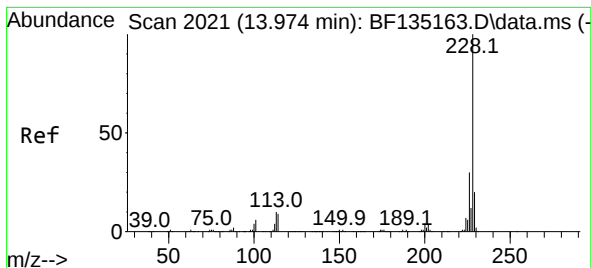
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 10.8 7.8 11.8





#83

Chrysene

Concen: 38.377 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

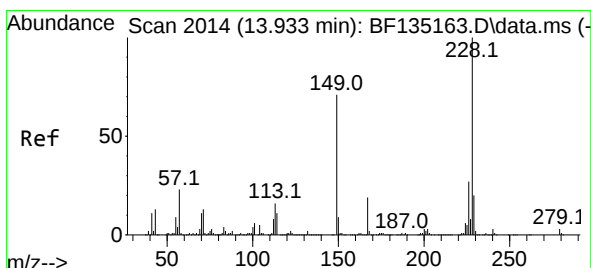
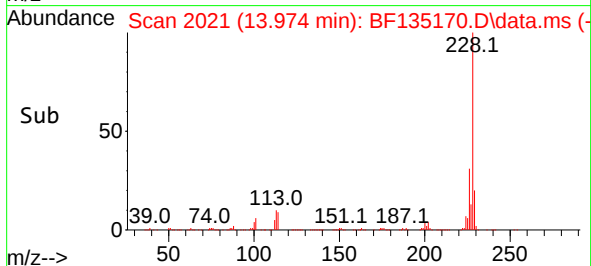
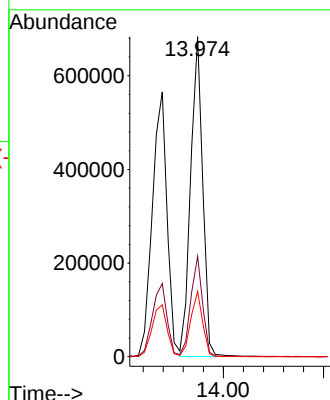
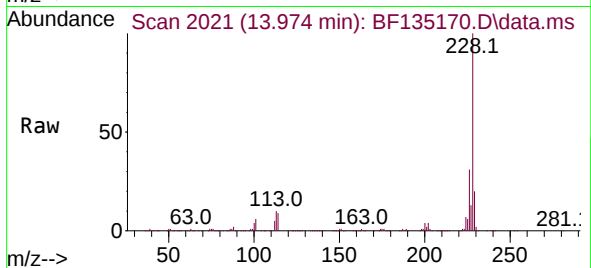
Tgt Ion:228 Resp: 569696

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.936 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

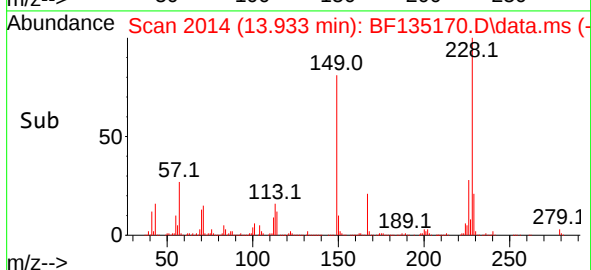
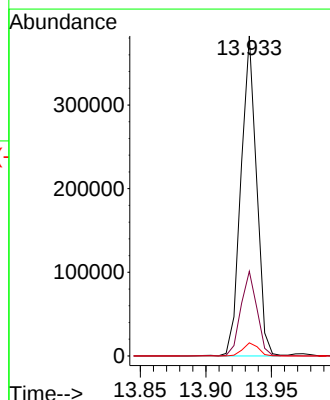
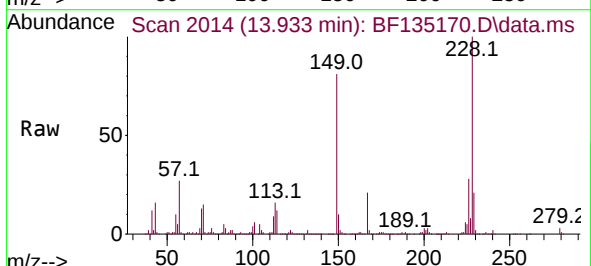
Tgt Ion:149 Resp: 317644

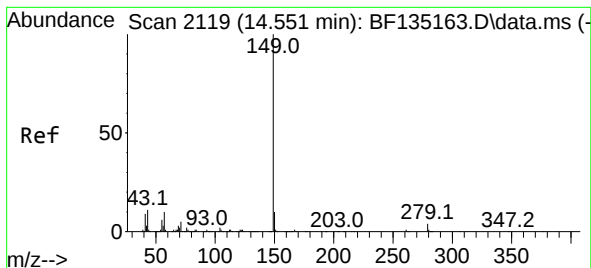
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.582 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

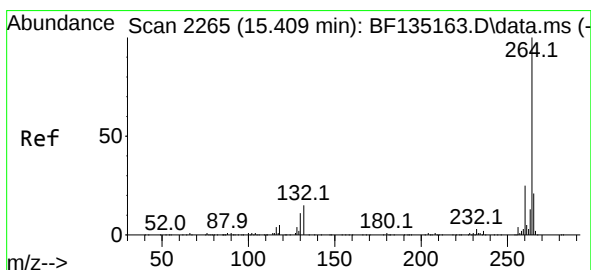
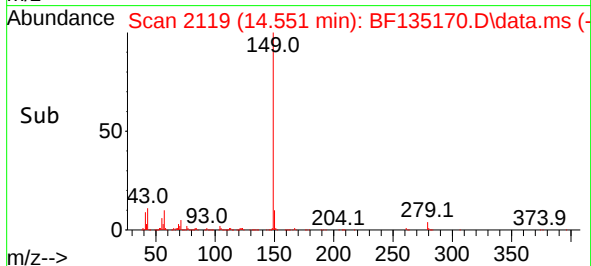
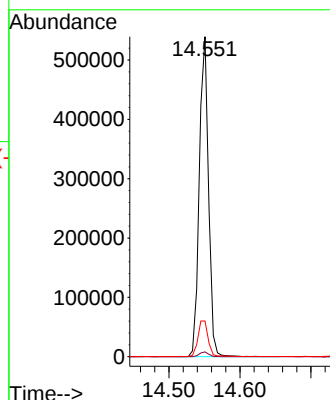
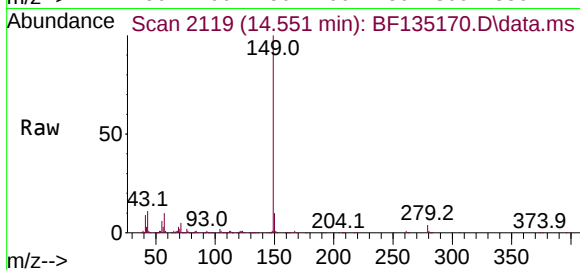
Tgt Ion:149 Resp: 487677

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

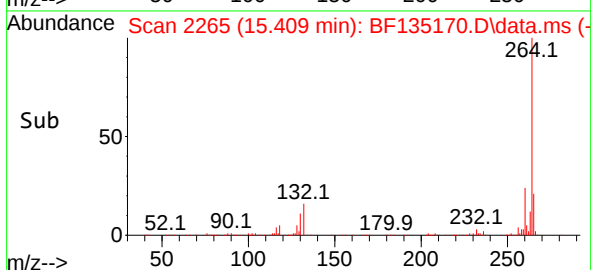
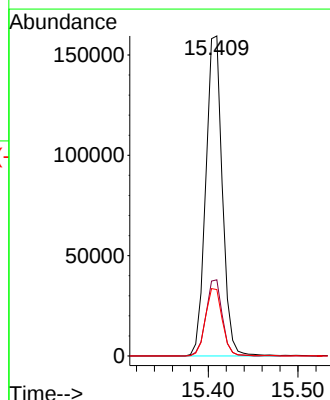
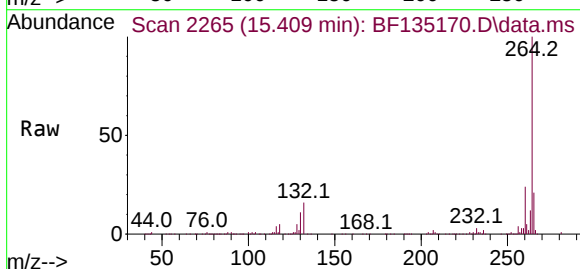
Tgt Ion:264 Resp: 204250

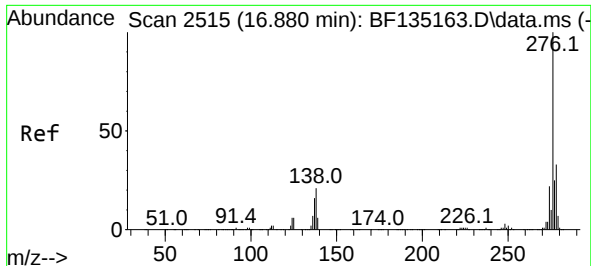
Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 20.8 17.0 25.4

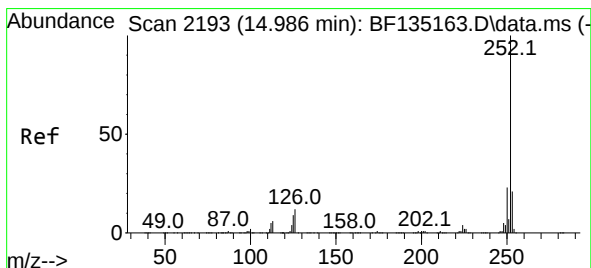
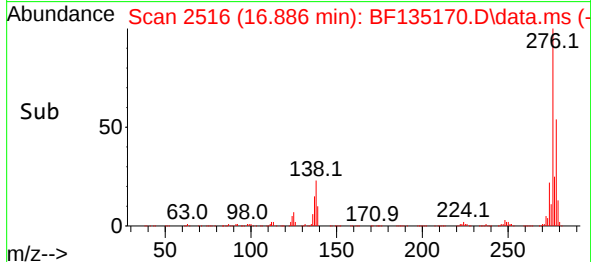
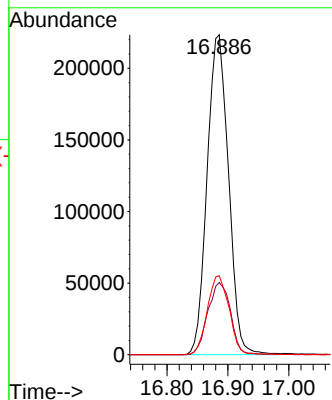
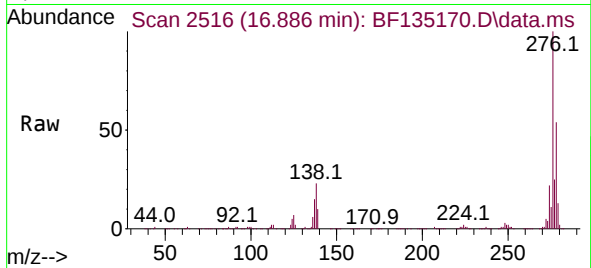




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.719 ng  
 RT: 16.886 min Scan# 2116  
 Delta R.T. 0.006 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

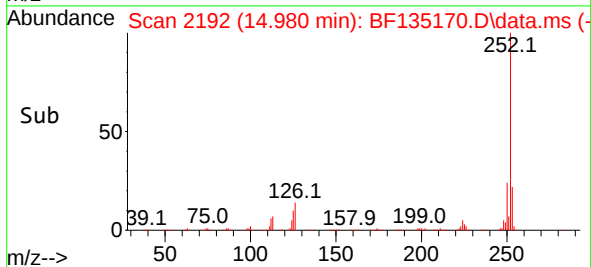
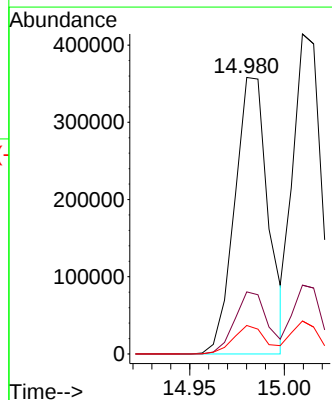
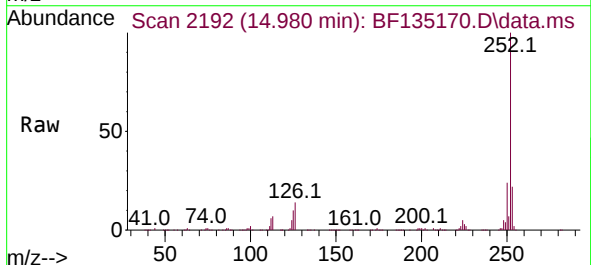
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

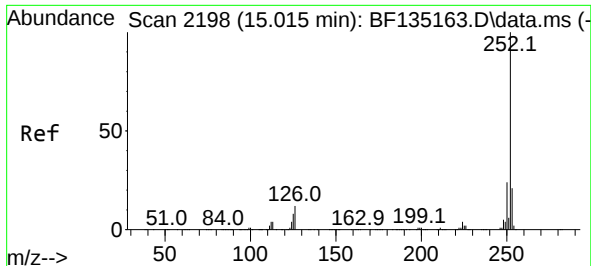
Tgt Ion:276 Resp: 545308  
 Ion Ratio Lower Upper  
 276 100  
 138 24.0 19.2 28.8  
 277 25.0 19.7 29.5



#88  
 Benzo(b)fluoranthene  
 Concen: 40.075 ng  
 RT: 14.980 min Scan# 2192  
 Delta R.T. -0.006 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Tgt Ion:252 Resp: 443105  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.2 25.8  
 125 10.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 39.612 ng

RT: 15.010 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

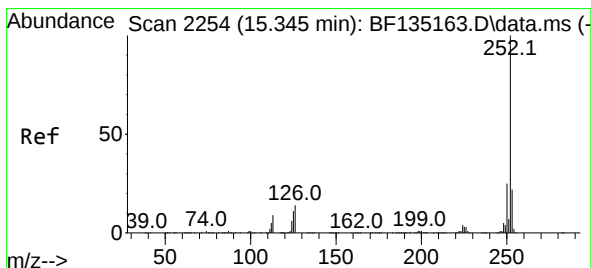
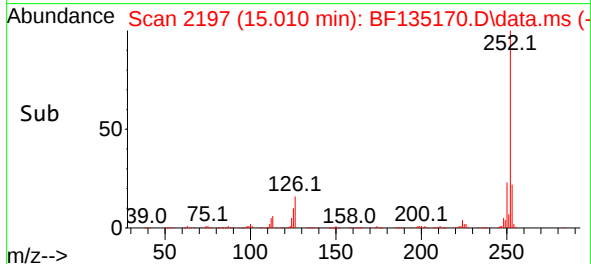
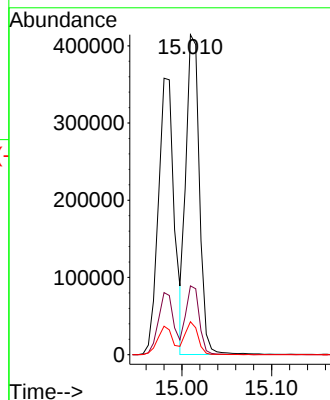
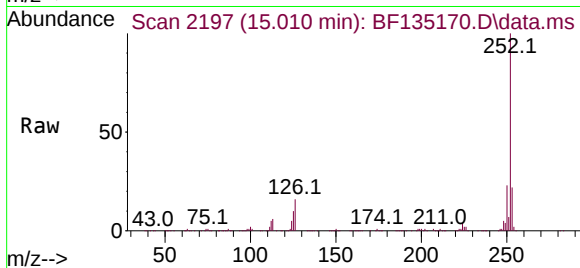
Tgt Ion:252 Resp: 432646

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 40.409 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

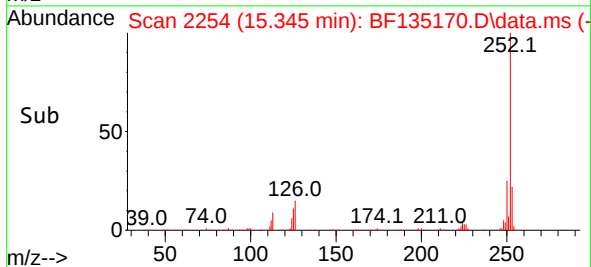
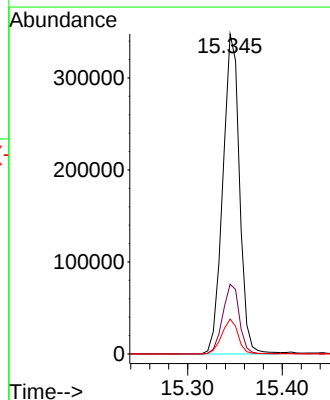
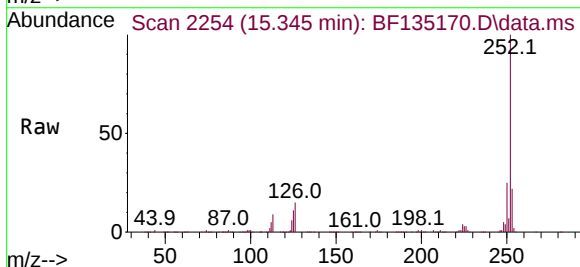
Tgt Ion:252 Resp: 426082

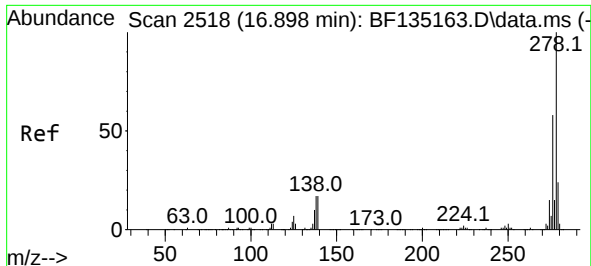
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.9 9.2 13.8

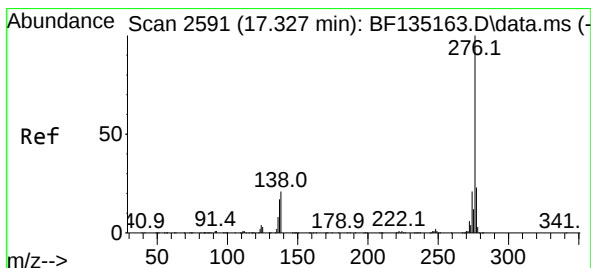
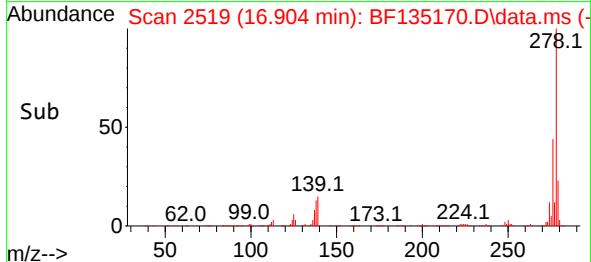
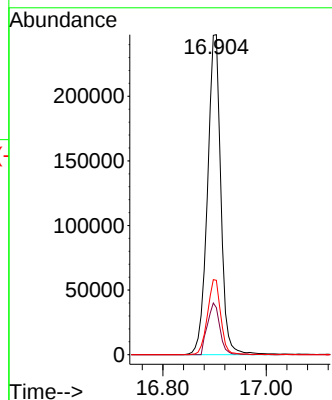
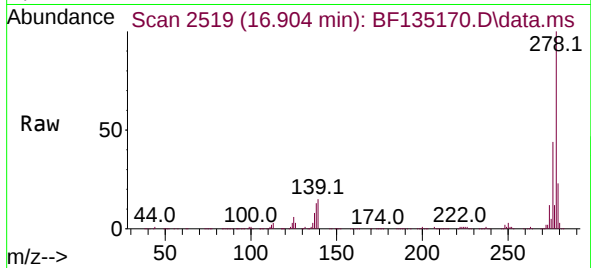




#91  
 Dibenzo(a,h)anthracene  
 Concen: 40.530 ng  
 RT: 16.904 min Scan# 2519  
 Delta R.T. 0.006 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:278 Resp: 444113  
 Ion Ratio Lower Upper  
 278 100  
 139 14.7 13.4 20.0  
 279 23.2 19.0 28.6



#92  
 Benzo(g,h,i)perylene  
 Concen: 41.122 ng  
 RT: 17.333 min Scan# 2592  
 Delta R.T. 0.006 min  
 Lab File: BF135170.D  
 Acq: 12 Sep 2023 08:53

Tgt Ion:276 Resp: 470588  
 Ion Ratio Lower Upper  
 276 100  
 277 23.4 18.8 28.2  
 138 20.5 16.9 25.3

