

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101023\  
 Data File : BF135694.D  
 Acq On : 10 Oct 2023 20:08  
 Operator : CG\JU  
 Sample : 04731-04MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTP-2MSD

Quant Time: Oct 11 03:03:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 02:43:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.740  | 152  | 83190    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 313081   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.775  | 164  | 152836   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.275 | 188  | 291105   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.933 | 240  | 156155   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.404 | 264  | 162516   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 452664   | 88.500 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.393  | 99   | 552604   | 84.966 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 339179   | 58.858 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.575 | 330  | 130906   | 86.189 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 606584   | 59.879 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.863 | 244  | 624822   | 62.028 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.505  | 88   | 116661   | 52.029 | ng    | 99       |
| 3) Pyridine                   | 3.246  | 79   | 236390   | 39.172 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.222  | 42   | 170500   | 53.242 | ng    | 95       |
| 6) Aniline                    | 6.410  | 93   | 302886   | 35.514 | ng    | # 59     |
| 8) 2-Chlorophenol             | 6.528  | 128  | 281305   | 51.520 | ng    | 99       |
| 9) Benzaldehyde               | 6.298  | 77   | 151683   | 40.939 | ng    | 99       |
| 10) Phenol                    | 6.404  | 94   | 336623   | 47.201 | ng    | 77       |
| 11) bis(2-Chloroethyl)ether   | 6.481  | 93   | 263095   | 49.181 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.675  | 146  | 286266   | 51.588 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.757  | 146  | 295124   | 52.275 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.904  | 146  | 270264   | 51.549 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.893  | 79   | 220797   | 47.310 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016  | 45   | 487083   | 48.305 | ng    | 68       |
| 17) 2-Methylphenol            | 7.010  | 107  | 213423   | 44.294 | ng    | # 89     |
| 18) Hexachloroethane          | 7.240  | 117  | 109567   | 52.525 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.157  | 70   | 185033   | 45.932 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.163  | 107  | 275295   | 47.515 | ng    | # 74     |
| 22) Acetophenone              | 7.151  | 105  | 377112   | 52.685 | ng    | # 90     |
| 24) Nitrobenzene              | 7.328  | 77   | 287595   | 50.493 | ng    | 99       |
| 25) Isophorone                | 7.563  | 82   | 509151   | 48.116 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.645  | 139  | 146799   | 53.700 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.687  | 122  | 202688   | 44.111 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.775  | 93   | 316483   | 49.970 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.893  | 162  | 218890   | 51.409 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.963  | 180  | 235973   | 53.024 | ng    | 100      |
| 31) Naphthalene               | 8.040  | 128  | 771573   | 50.722 | ng    | 99       |
| 32) Benzoic acid              | 7.840  | 122  | 139960   | 40.450 | ng    | 95       |
| 33) 4-Chloroaniline           | 8.098  | 127  | 216081   | 32.377 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.151  | 225  | 138940   | 51.776 | ng    | 98       |
| 35) Caprolactam               | 8.475  | 113  | 47649    | 33.345 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.598  | 107  | 237042   | 50.091 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.734  | 142  | 478565   | 46.802 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.834  | 142  | 466623   | 48.742 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.898  | 216  | 238466   | 53.857 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.881  | 237  | 94948    | 51.558 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 143033   | 49.338 | ng    | 97       |

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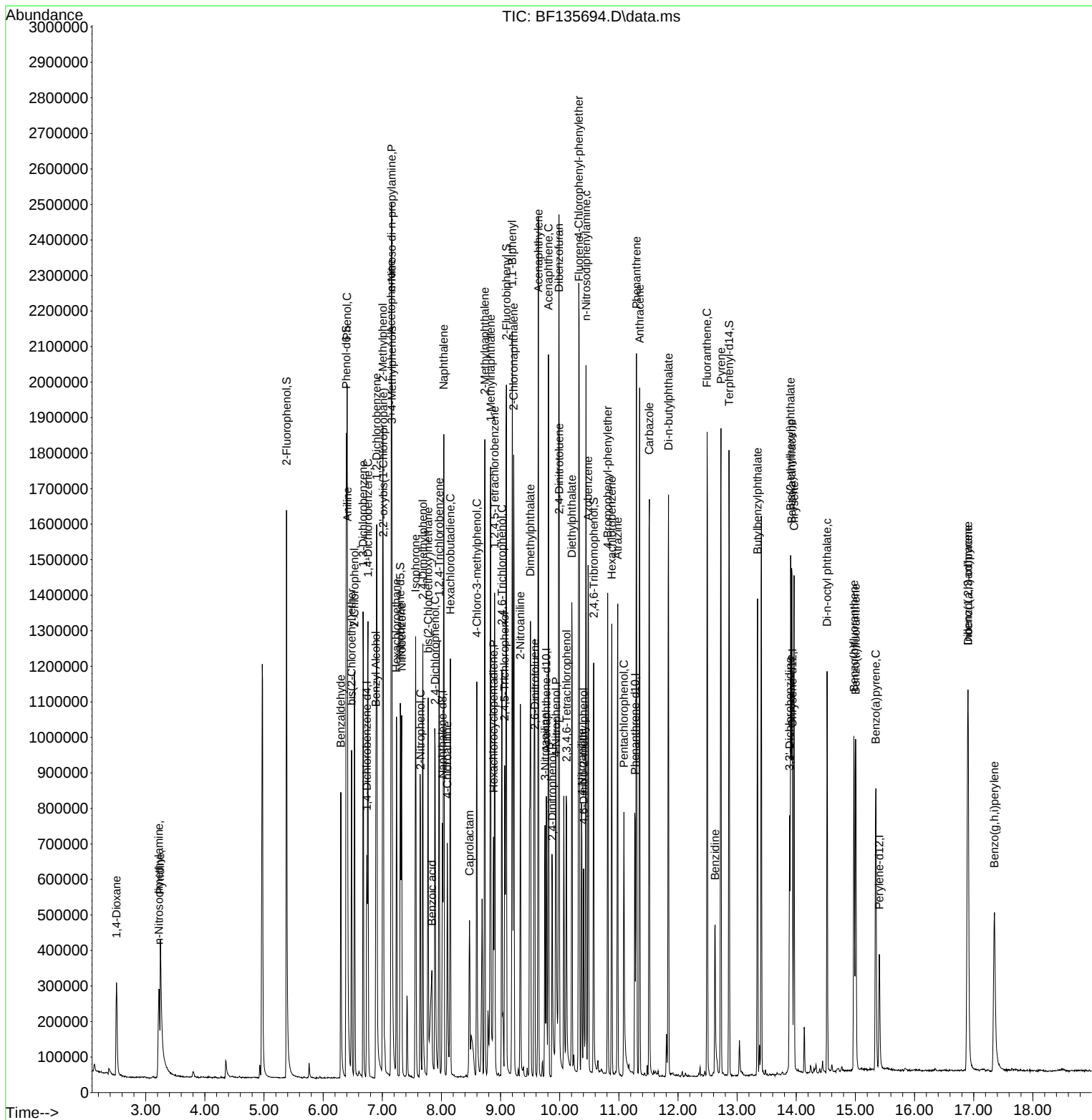
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTP-2MSD

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
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 QLast Update : Wed Oct 11 02:43:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.069  | 196  | 153985   | 46.123 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.198  | 154  | 608261   | 51.788 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.222  | 162  | 445321   | 52.256 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.334  | 65   | 169800   | 51.288 | ng    | 98       |
| 49) Acenaphthylene            | 9.639  | 152  | 741192   | 52.334 | ng    | 99       |
| 50) Dimethylphthalate         | 9.504  | 163  | 516812   | 50.014 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.581  | 165  | 115543   | 51.042 | ng    | # 79     |
| 52) Acenaphthene              | 9.810  | 154  | 426132   | 50.933 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.751  | 138  | 102201   | 38.462 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.875  | 184  | 97990    | 76.545 | ng    | 98       |
| 55) Dibenzofuran              | 9.986  | 168  | 626878   | 49.101 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 118319   | 70.062 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 9.992  | 165  | 141022   | 49.762 | ng    | 96       |
| 58) Fluorene                  | 10.328 | 166  | 509768   | 51.938 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.116 | 232  | 116318   | 45.292 | ng    | 100      |
| 60) Diethylphthalate          | 10.204 | 149  | 501499   | 48.359 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204  | 234282   | 49.691 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.375 | 138  | 124396   | 48.703 | ng    | 94       |
| 63) Azobenzene                | 10.481 | 77   | 512175   | 50.464 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198  | 73870    | 47.777 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.445 | 169  | 449325   | 50.984 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248  | 145794   | 50.356 | ng    | 92       |
| 68) Hexachlorobenzene         | 10.881 | 284  | 158737   | 53.816 | ng    | 93       |
| 69) Atrazine                  | 10.981 | 200  | 140454   | 59.229 | ng    | 98       |
| 70) Pentachlorophenol         | 11.086 | 266  | 111081   | 62.945 | ng    | 96       |
| 71) Phenanthrene              | 11.298 | 178  | 714220   | 51.875 | ng    | 99       |
| 72) Anthracene                | 11.351 | 178  | 732534   | 51.762 | ng    | 99       |
| 73) Carbazole                 | 11.516 | 167  | 696550   | 54.068 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.839 | 149  | 790914   | 52.101 | ng    | 100      |
| 75) Fluoranthene              | 12.492 | 202  | 764726   | 53.305 | ng    | 99       |
| 77) Benzidine                 | 12.627 | 184  | 215492   | 67.360 | ng    | 99       |
| 78) Pyrene                    | 12.727 | 202  | 774725   | 52.110 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.345 | 149  | 297296   | 56.796 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.922 | 228  | 537049   | 53.261 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.886 | 252  | 148571   | 47.172 | ng    | # 98     |
| 83) Chrysene                  | 13.963 | 228  | 495606   | 49.436 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.904 | 149  | 364400   | 67.840 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.521 | 149  | 500765   | 58.663 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 544299   | 51.081 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.974 | 252  | 452054   | 51.384 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 404095   | 46.499 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 401915   | 47.906 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.904 | 278  | 441696   | 50.661 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 447577   | 49.155 | ng    | 98       |

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

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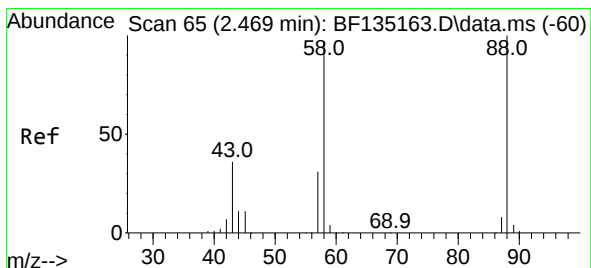
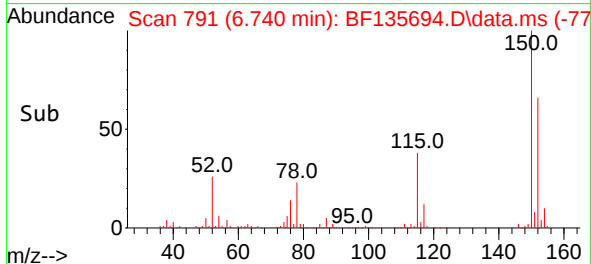
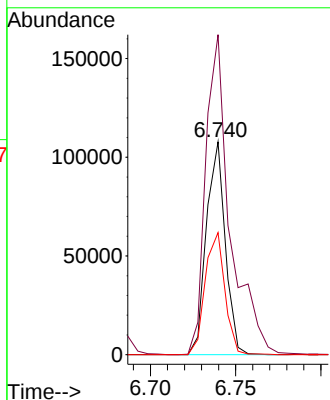
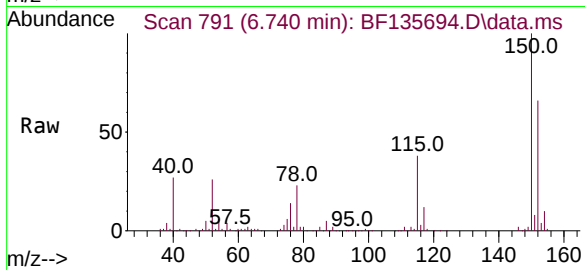




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.740 min Scan# 71  
 Delta R.T. 0.001 min  
 Lab File: BF135694.D  
 Acq: 10 Oct 2023 20:08

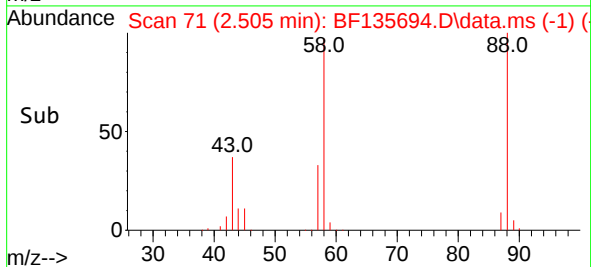
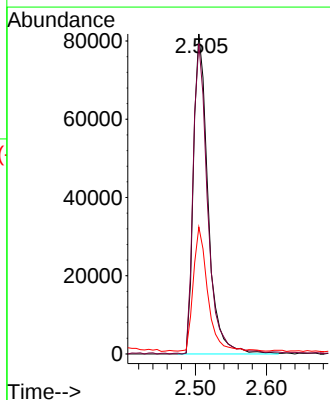
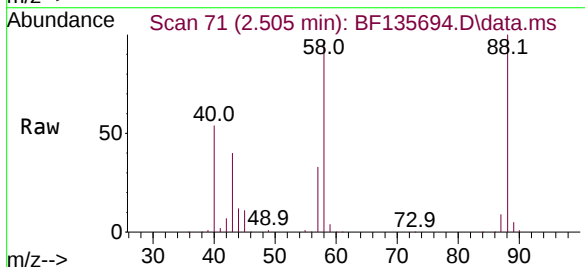
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTP-2MSD

Tgt Ion:152 Resp: 83190  
 Ion Ratio Lower Upper  
 152 100  
 150 150.4 127.8 191.6  
 115 57.4 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 52.029 ng  
 RT: 2.505 min Scan# 71  
 Delta R.T. 0.077 min  
 Lab File: BF135694.D  
 Acq: 10 Oct 2023 20:08

Tgt Ion: 88 Resp: 116661  
 Ion Ratio Lower Upper  
 88 100  
 58 97.5 78.3 117.5  
 43 38.1 29.4 44.0

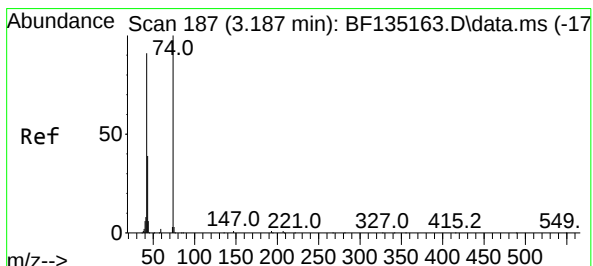
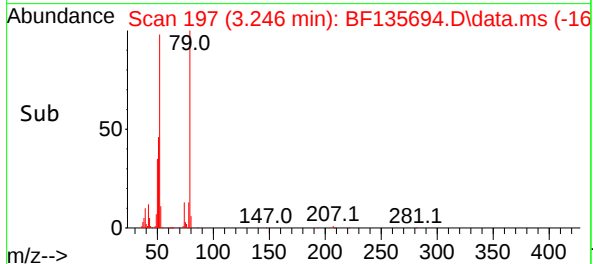
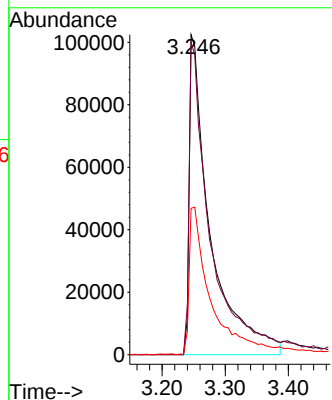
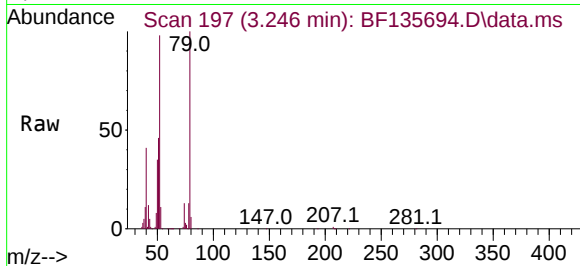




#3  
Pyridine  
Concen: 39.172 ng  
RT: 3.246 min Scan# 192  
Delta R.T. 0.071 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

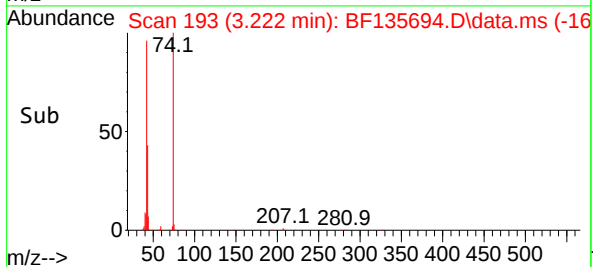
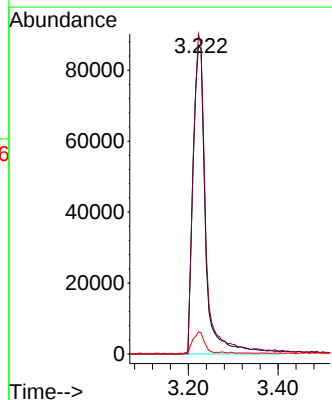
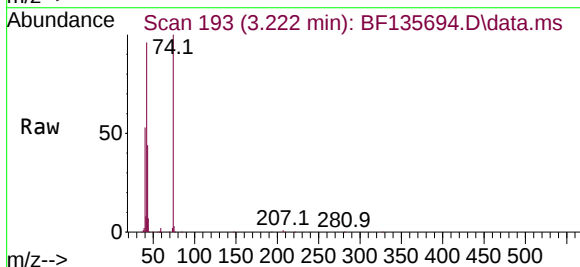
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BNA\_F  
ClientSampleId :  
DTP-2MSD

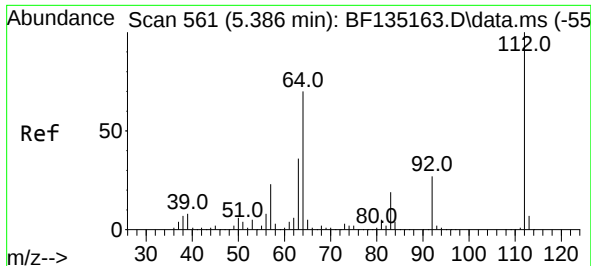
Tgt Ion: 79 Resp: 236390  
Ion Ratio Lower Upper  
79 100  
52 97.7 74.1 111.1  
51 45.8 35.8 53.8



#4  
n-Nitrosodimethylamine  
Concen: 53.242 ng  
RT: 3.222 min Scan# 193  
Delta R.T. 0.071 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion: 42 Resp: 170500  
Ion Ratio Lower Upper  
42 100  
74 103.7 87.7 131.5  
44 7.1 5.6 8.4

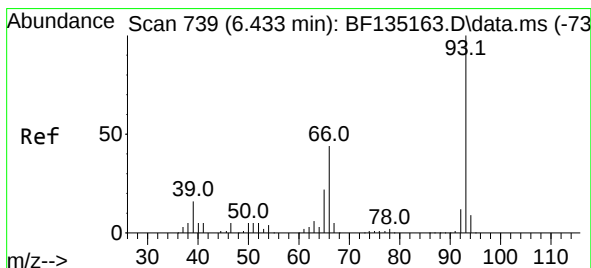
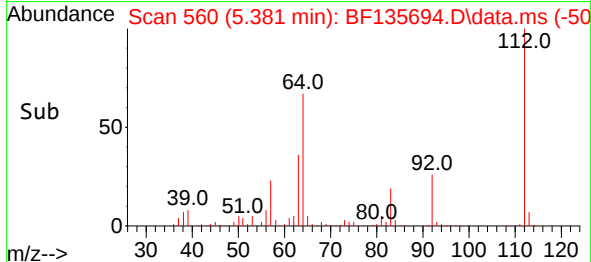
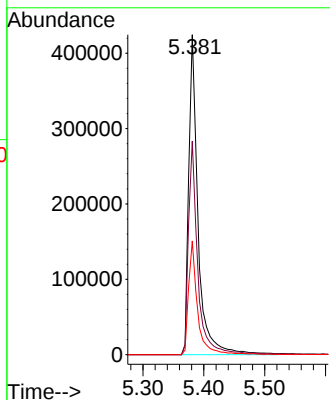
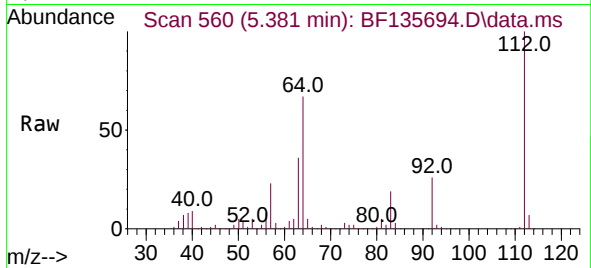




#5  
2-Fluorophenol  
Concen: 88.500 ng  
RT: 5.381 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

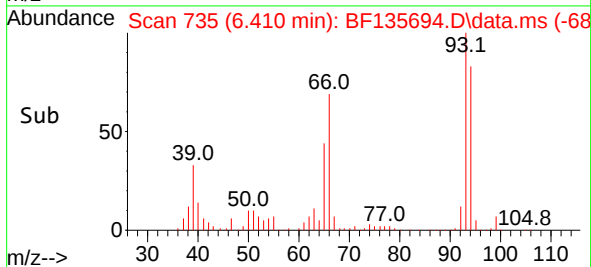
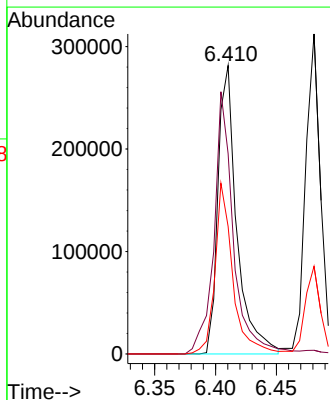
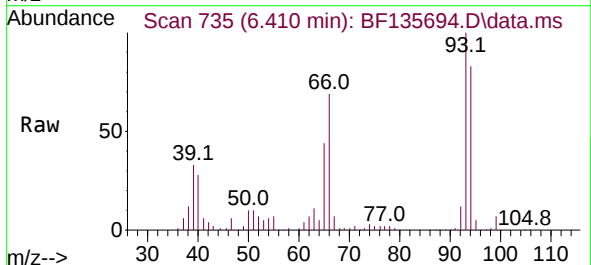
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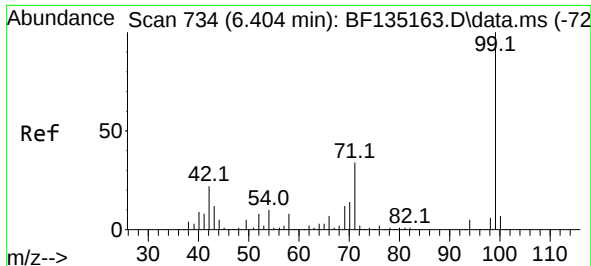
Tgt Ion:112 Resp: 452664  
Ion Ratio Lower Upper  
112 100  
64 66.8 55.9 83.9  
63 35.5 29.0 43.6



#6  
Aniline  
Concen: 35.514 ng  
RT: 6.410 min Scan# 735  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion: 93 Resp: 302886  
Ion Ratio Lower Upper  
93 100  
66 69.4 35.4 53.0#  
65 44.2 17.8 26.8#

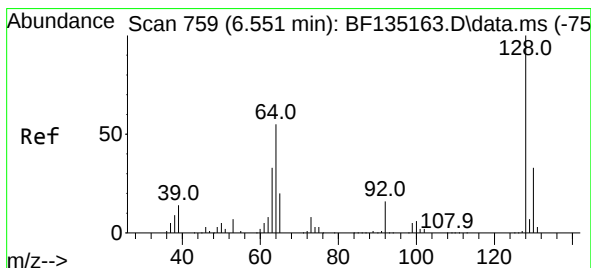
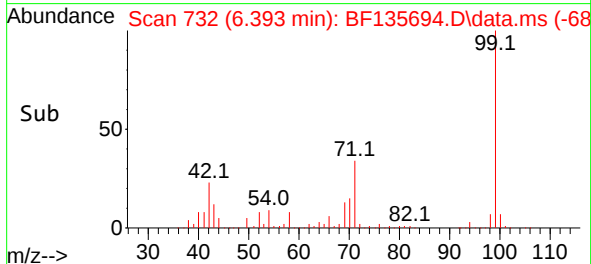
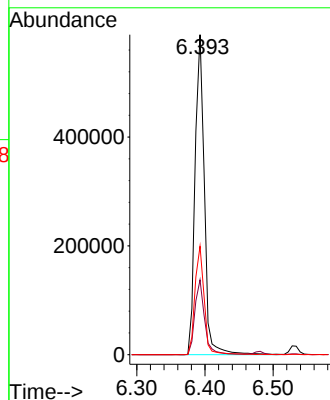
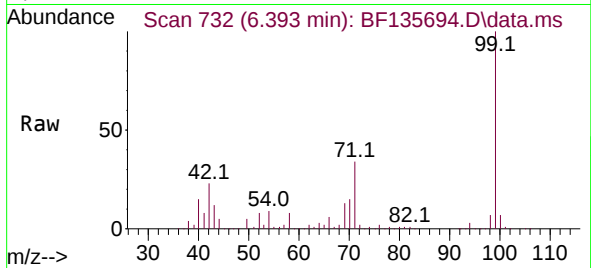




#7  
Phenol-d6  
Concen: 84.966 ng  
RT: 6.393 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

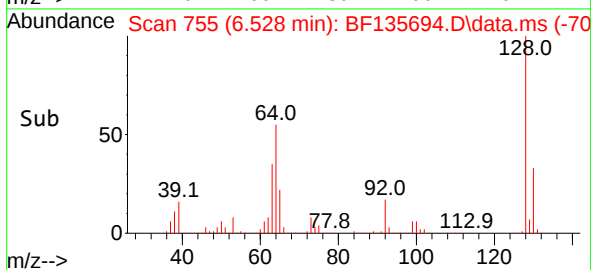
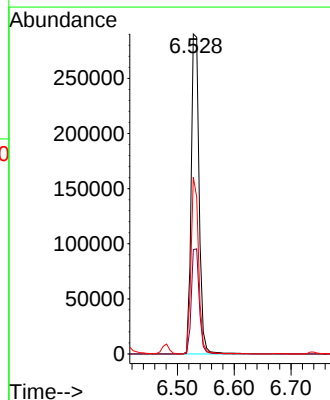
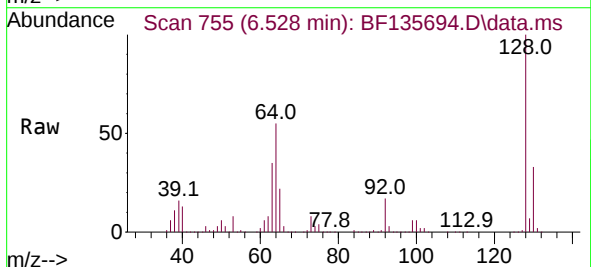
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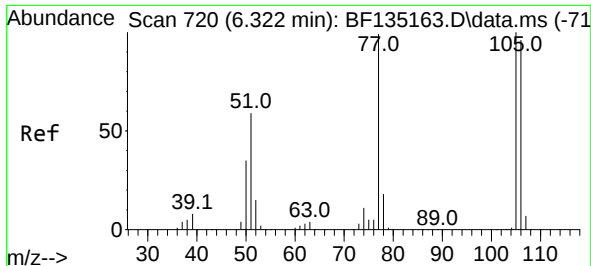
Tgt Ion: 99 Resp: 552604  
Ion Ratio Lower Upper  
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42 23.4 17.9 26.9  
71 33.9 27.0 40.6



#8  
2-Chlorophenol  
Concen: 51.520 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion: 128 Resp: 281305  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.7 52.7  
64 55.2 35.9 75.9





#9

Benzaldehyde

Concen: 40.939 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

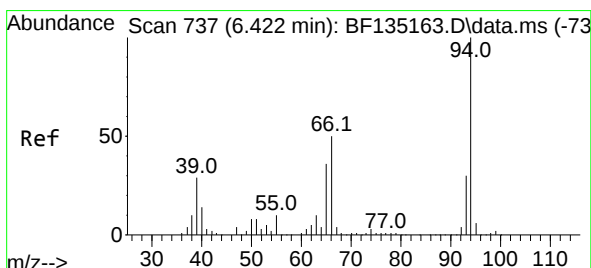
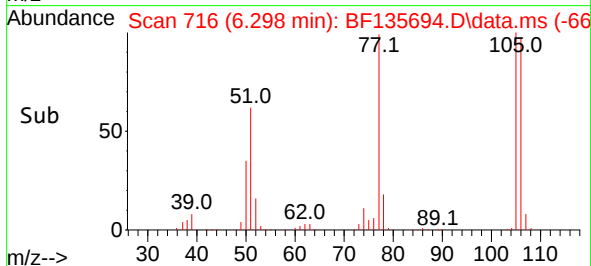
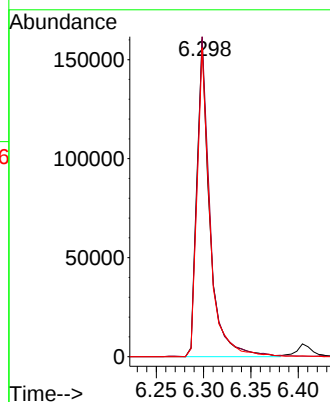
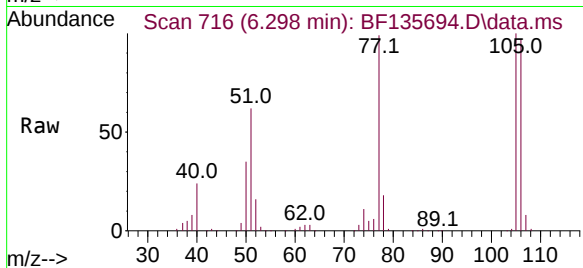
Tgt Ion: 77 Resp: 151683

Ion Ratio Lower Upper

77 100

105 100.9 81.4 121.4

106 97.4 76.9 116.9



#10

Phenol

Concen: 47.201 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

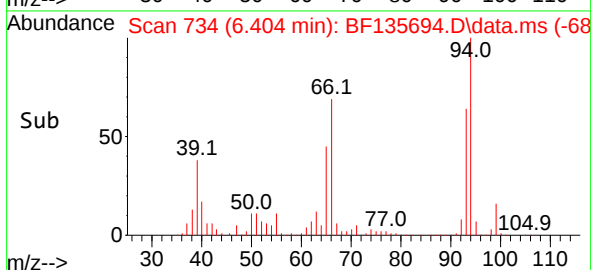
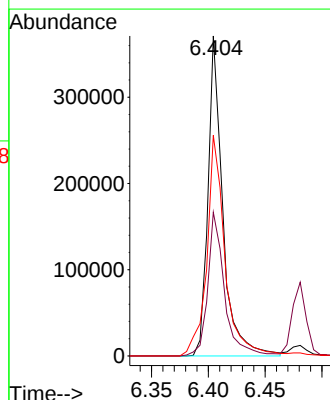
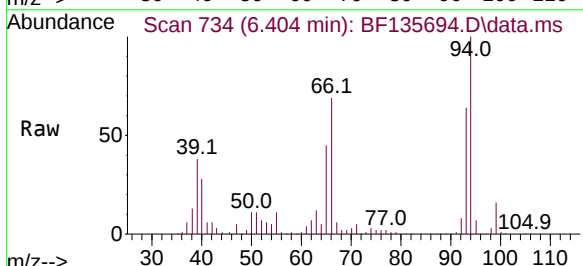
Tgt Ion: 94 Resp: 336623

Ion Ratio Lower Upper

94 100

65 44.9 15.9 55.9

66 69.0 29.8 69.8

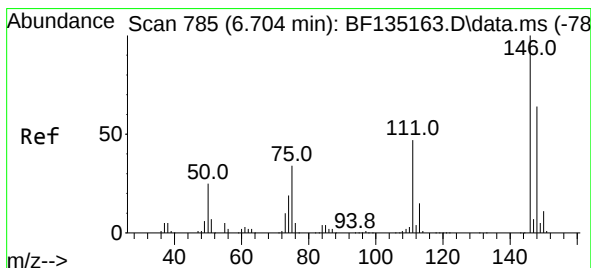
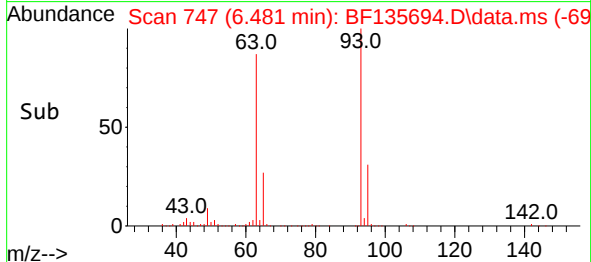
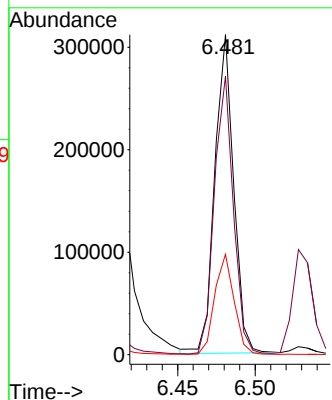
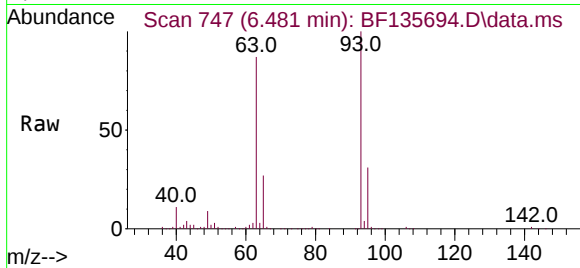




#11  
bis(2-Chloroethyl)ether  
Concen: 49.181 ng  
RT: 6.481 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

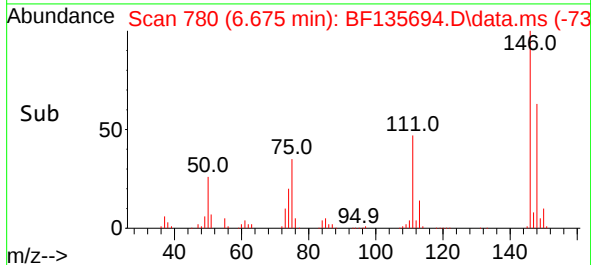
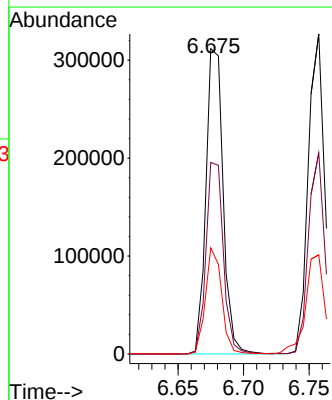
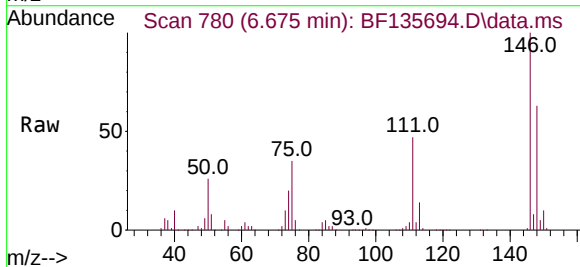
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

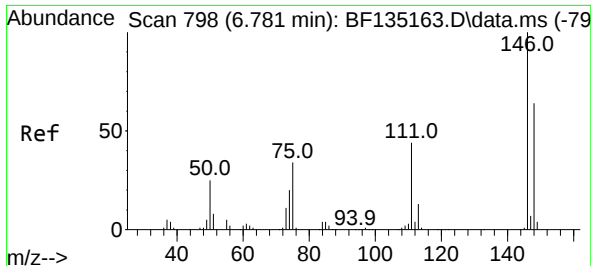
Tgt Ion: 93 Resp: 263095  
Ion Ratio Lower Upper  
93 100  
63 87.1 67.3 107.3  
95 31.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 51.588 ng  
RT: 6.675 min Scan# 780  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:146 Resp: 286266  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.3 76.9  
75 34.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 52.275 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

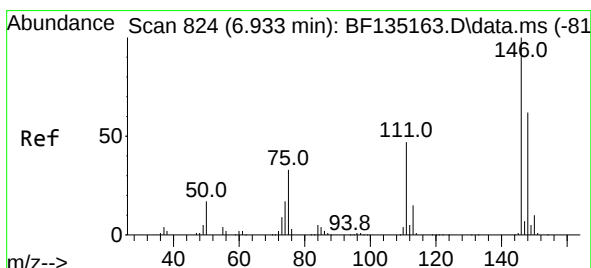
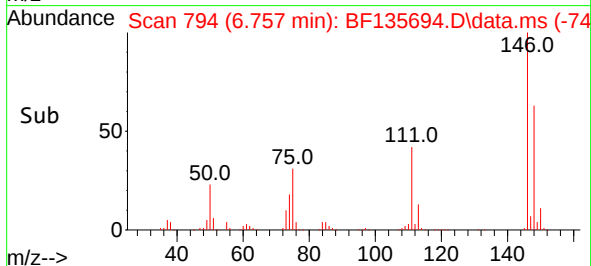
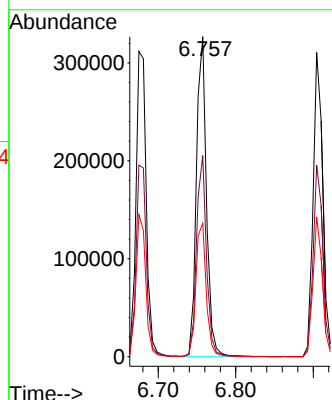
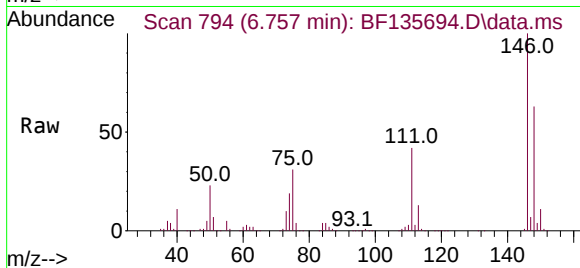
Tgt Ion:146 Resp: 295124

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 41.7 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 51.549 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

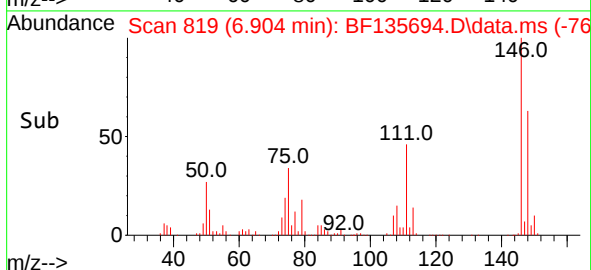
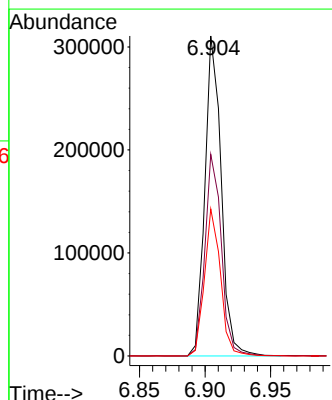
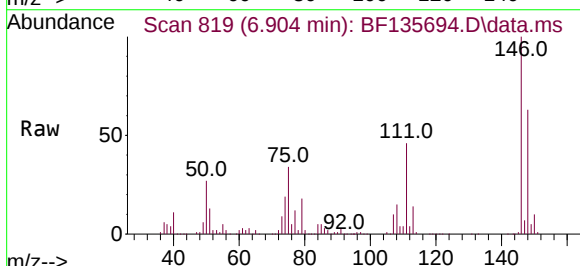
Tgt Ion:146 Resp: 270264

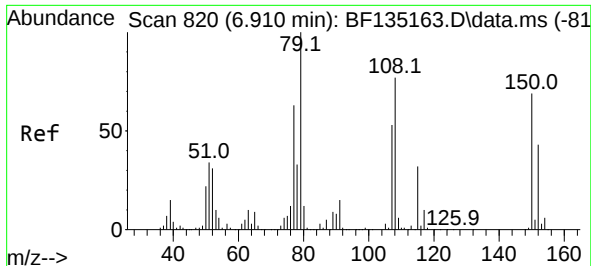
Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

111 46.0 37.4 56.2

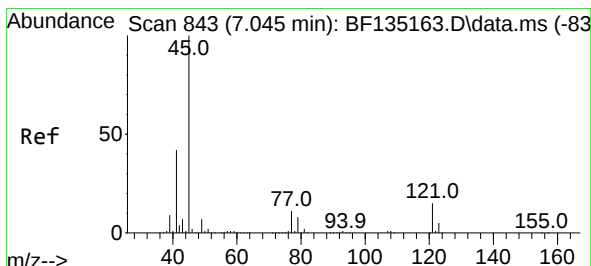
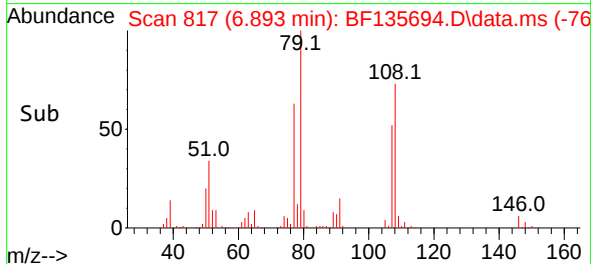
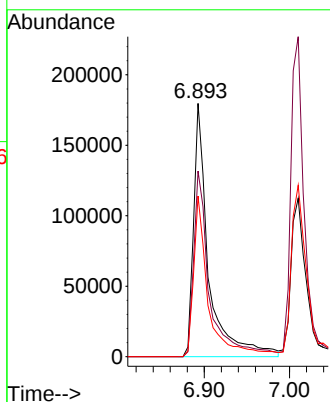
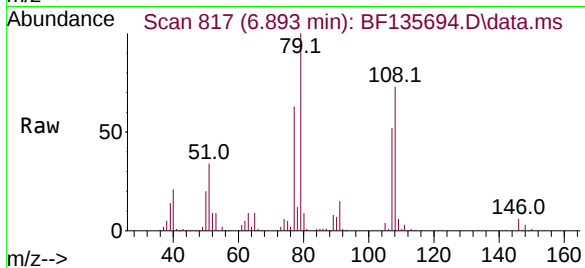




#15  
Benzyl Alcohol  
Concen: 47.310 ng  
RT: 6.893 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

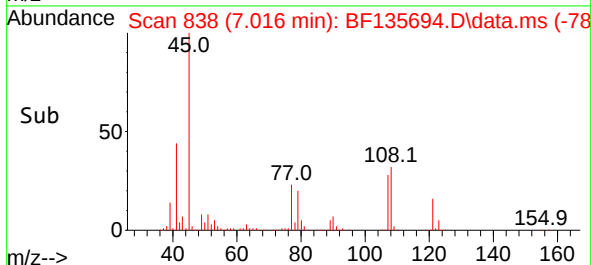
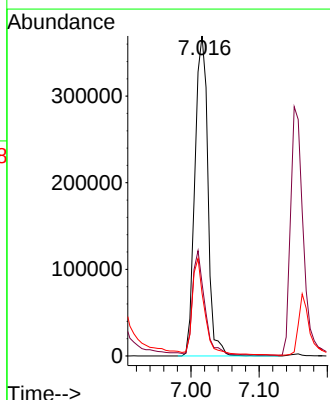
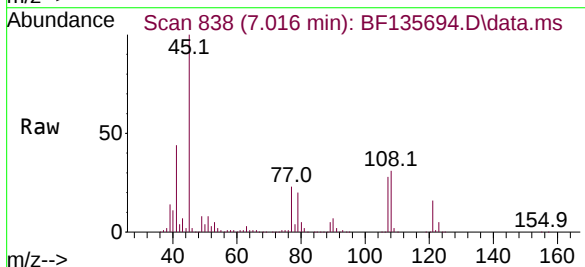
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

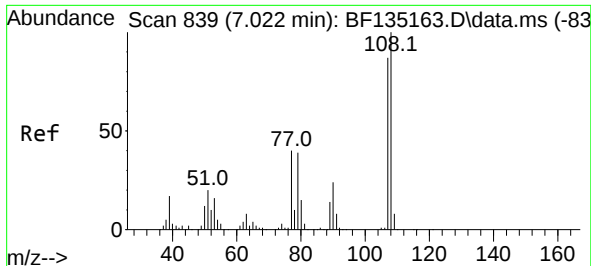
Tgt Ion: 79 Resp: 220797  
Ion Ratio Lower Upper  
79 100  
108 73.3 61.2 91.8  
77 63.4 50.5 75.7



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 48.305 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion: 45 Resp: 487083  
Ion Ratio Lower Upper  
45 100  
77 22.7 0.0 30.6  
79 19.6 0.0 28.3

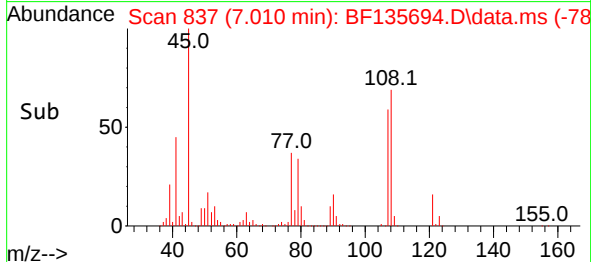
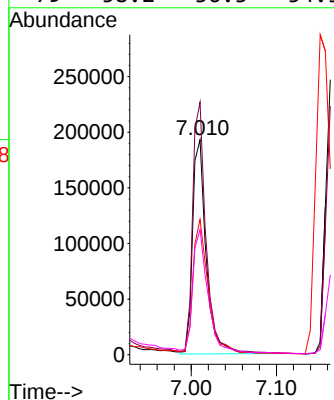
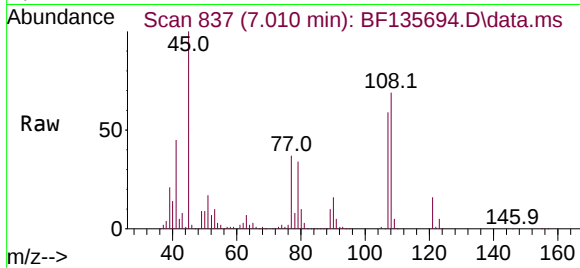




#17  
2-Methylphenol  
Concen: 44.294 ng  
RT: 7.010 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

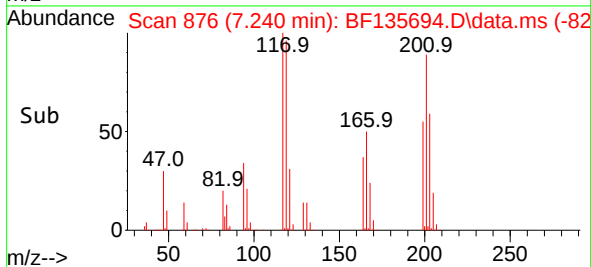
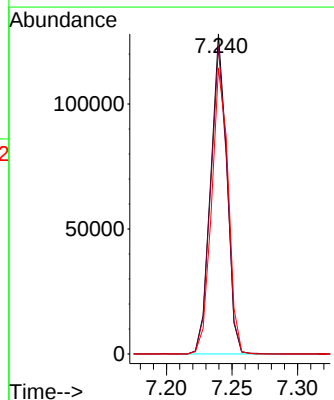
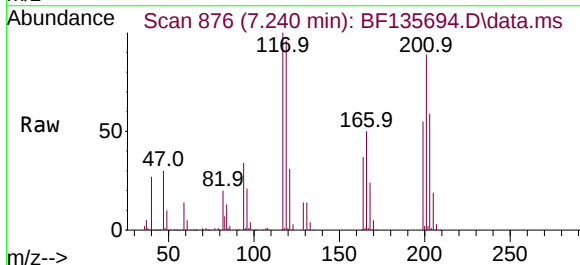
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

Tgt Ion:107 Resp: 213423  
Ion Ratio Lower Upper  
107 100  
108 117.5 92.0 138.0  
77 62.9 36.7 55.1#  
79 58.2 36.3 54.5#



#18  
Hexachloroethane  
Concen: 52.525 ng  
RT: 7.240 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:117 Resp: 109567  
Ion Ratio Lower Upper  
117 100  
119 96.1 74.7 112.1  
201 89.4 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.932 ng

RT: 7.157 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

Tgt Ion: 70 Resp: 185033

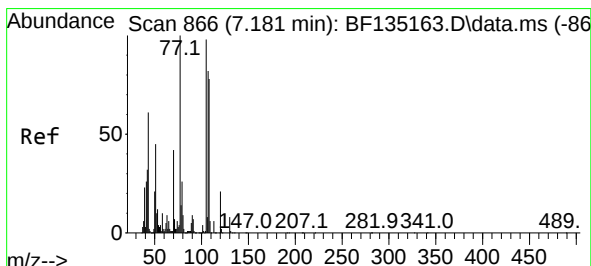
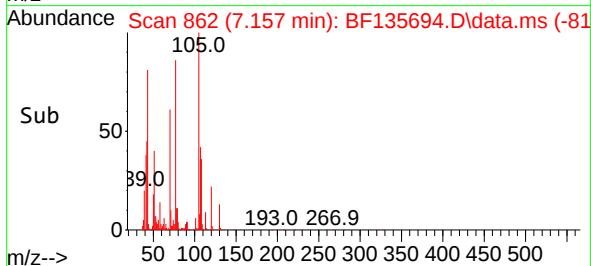
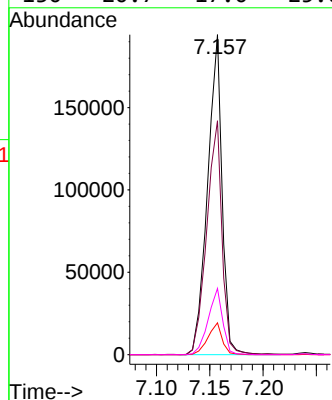
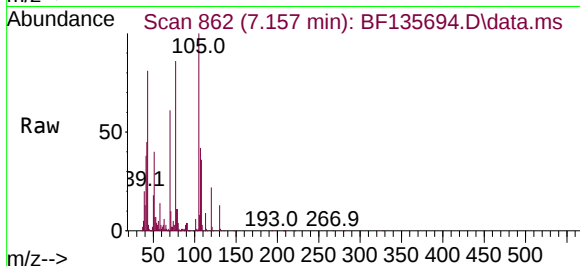
Ion Ratio Lower Upper

70 100

42 73.1 55.4 83.0

101 10.0 7.7 11.5

130 20.7 17.0 25.6



#20

3+4-Methylphenols

Concen: 47.515 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Tgt Ion:107 Resp: 275295

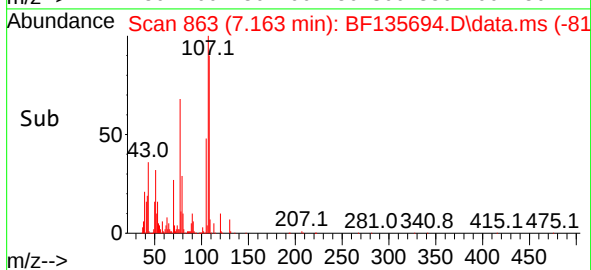
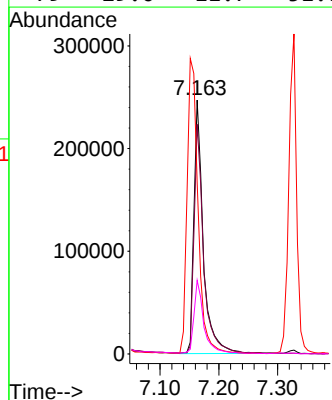
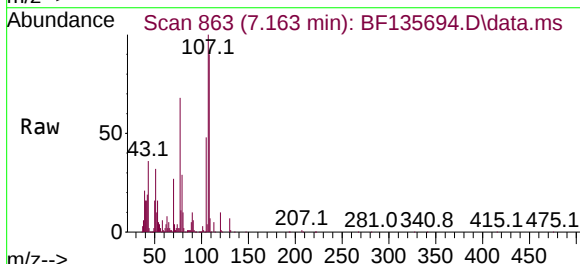
Ion Ratio Lower Upper

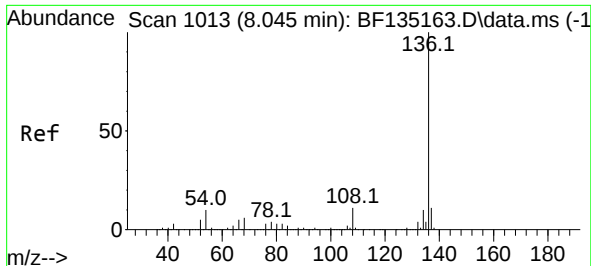
107 100

108 90.4 74.7 114.7

77 67.5 102.0 142.0#

79 29.0 11.7 51.7

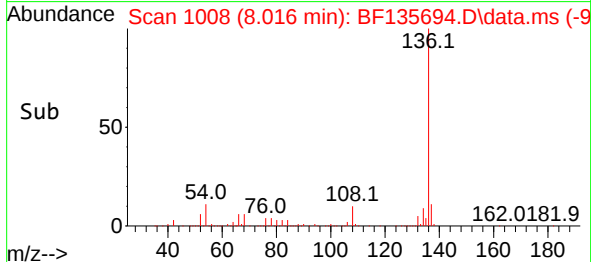
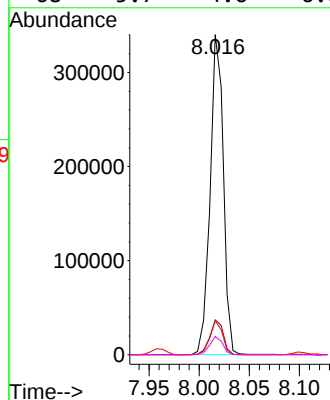
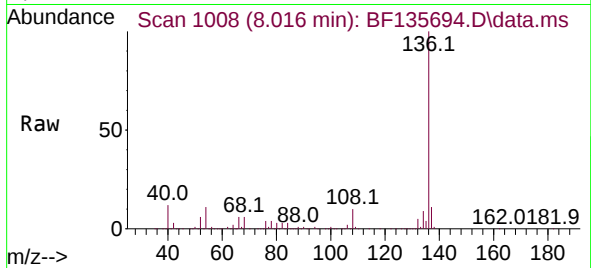




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

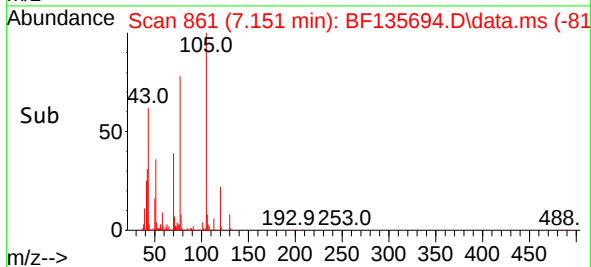
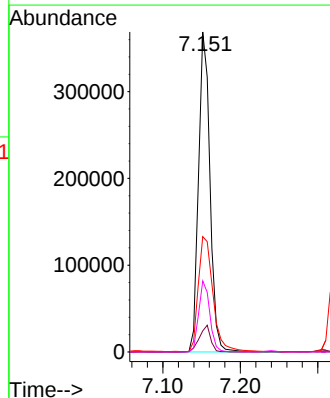
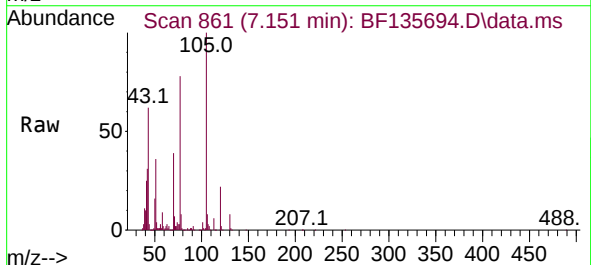
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

Tgt Ion:136 Resp: 313081  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 10.7 7.7 11.5  
68 5.7 4.6 6.8



#22  
Acetophenone  
Concen: 52.685 ng  
RT: 7.151 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:105 Resp: 377112  
Ion Ratio Lower Upper  
105 100  
71 6.6 5.8 8.6  
51 36.0 37.0 55.4#  
120 22.2 17.0 25.6

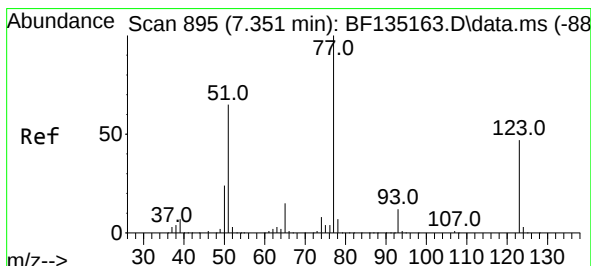
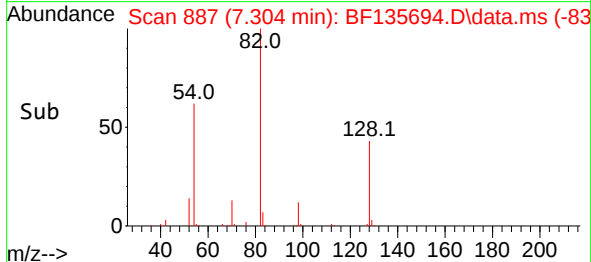
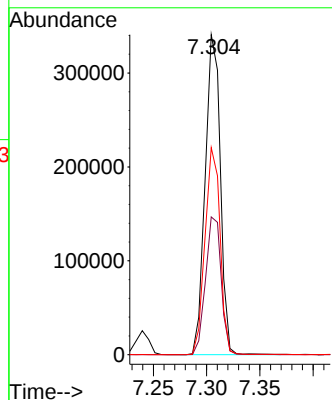
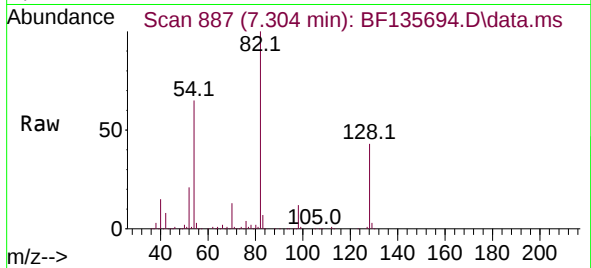




#23  
Nitrobenzene-d5  
Concen: 58.858 ng  
RT: 7.304 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

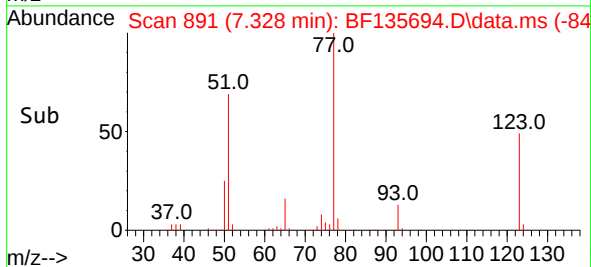
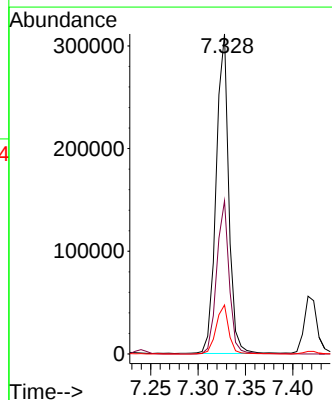
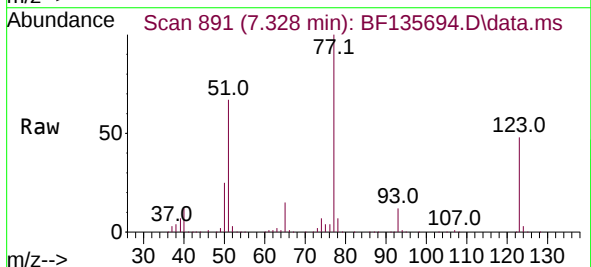
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

Tgt Ion: 82 Resp: 339179  
Ion Ratio Lower Upper  
82 100  
128 43.1 35.8 53.6  
54 64.7 50.6 76.0



#24  
Nitrobenzene  
Concen: 50.493 ng  
RT: 7.328 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion: 77 Resp: 287595  
Ion Ratio Lower Upper  
77 100  
123 47.8 37.6 56.4  
65 15.3 12.2 18.4

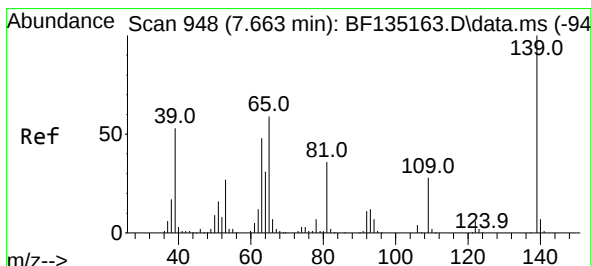
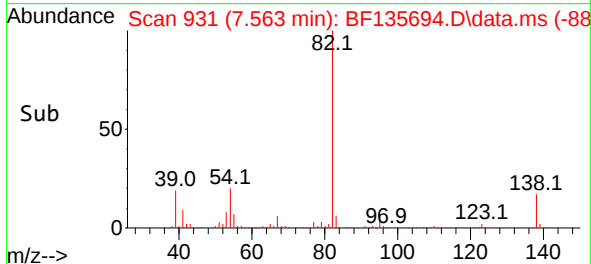
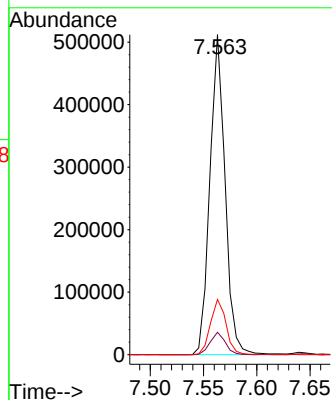
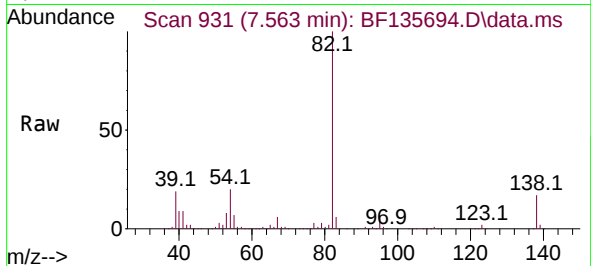




#25  
Isophorone  
Concen: 48.116 ng  
RT: 7.563 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

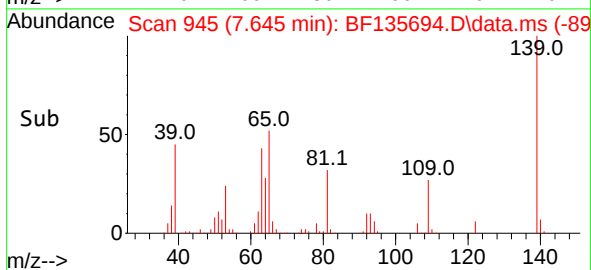
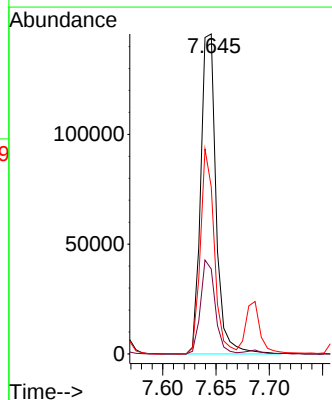
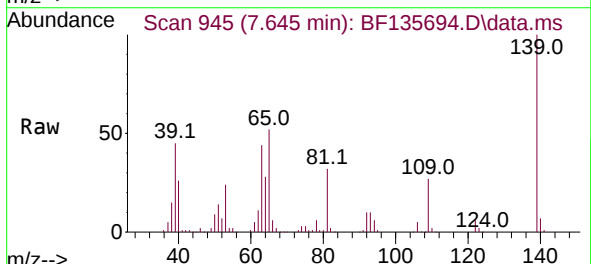
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

Tgt Ion: 82 Resp: 509151  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.0 9.0  
138 17.2 14.5 21.7



#26  
2-Nitrophenol  
Concen: 53.700 ng  
RT: 7.645 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:139 Resp: 146799  
Ion Ratio Lower Upper  
139 100  
109 26.5 22.6 33.8  
65 52.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.111 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

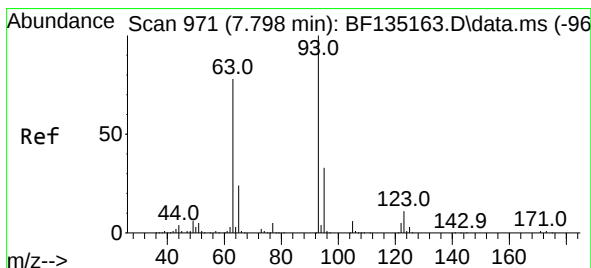
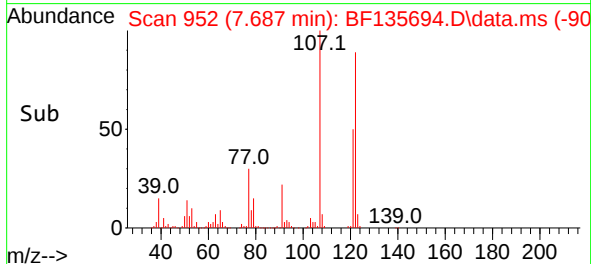
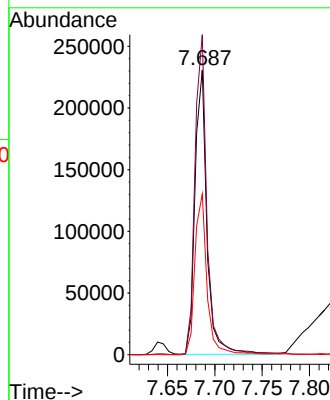
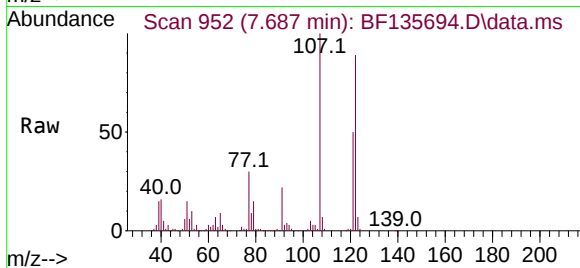
Tgt Ion:122 Resp: 202688

Ion Ratio Lower Upper

122 100

107 112.4 90.2 135.4

121 56.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.970 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

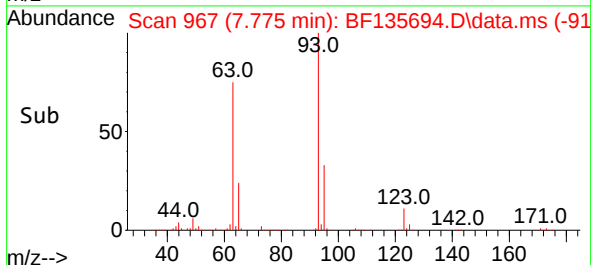
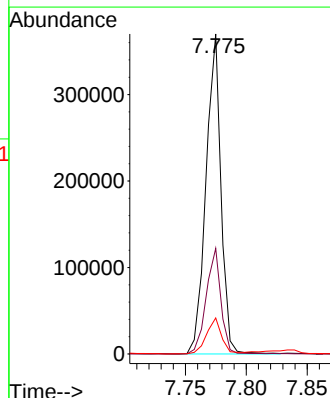
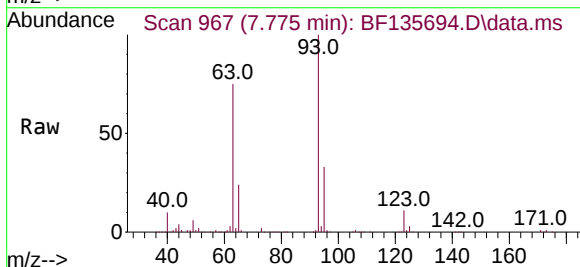
Tgt Ion: 93 Resp: 316483

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.2 8.8 13.2

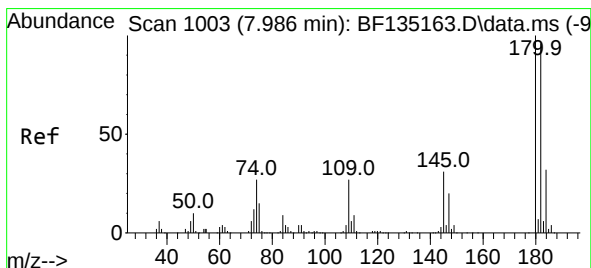
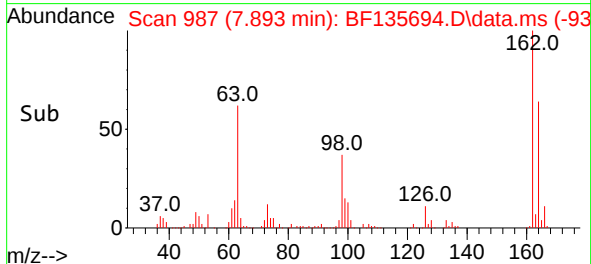
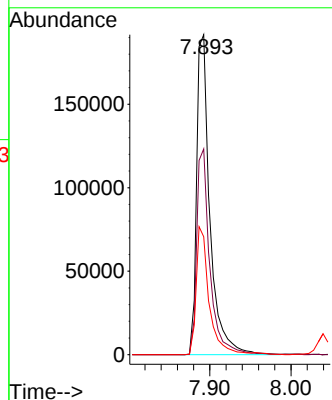
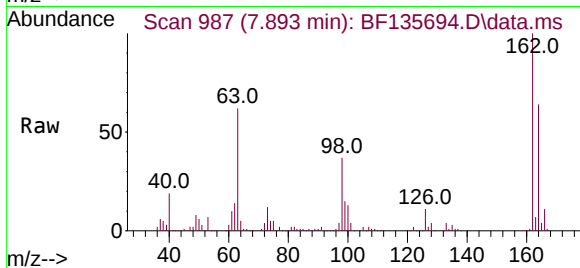




#29  
2,4-Dichlorophenol  
Concen: 51.409 ng  
RT: 7.893 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

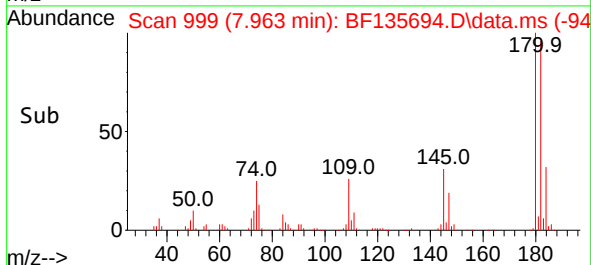
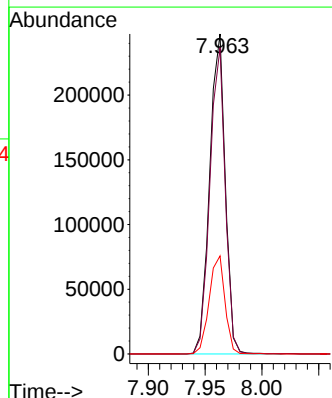
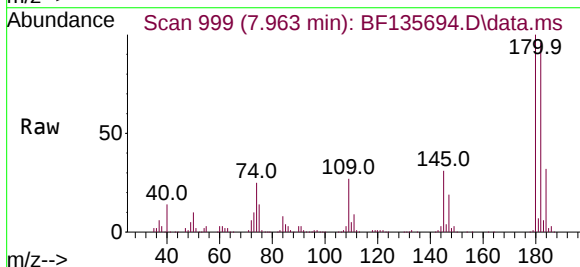
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

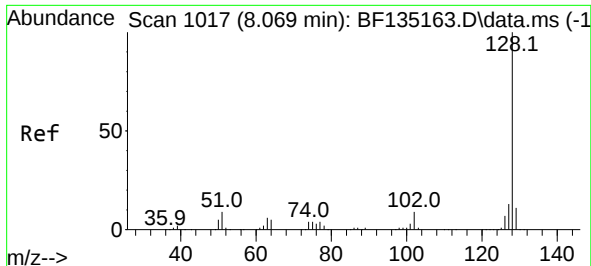
Tgt Ion:162 Resp: 218890  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.1 84.1  
98 36.9 20.3 60.3



#30  
1,2,4-Trichlorobenzene  
Concen: 53.024 ng  
RT: 7.963 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:180 Resp: 235973  
Ion Ratio Lower Upper  
180 100  
182 95.7 76.9 115.3  
145 30.6 24.5 36.7

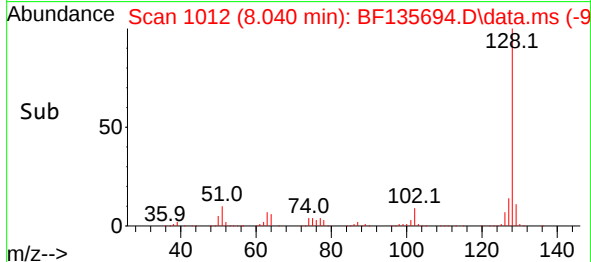
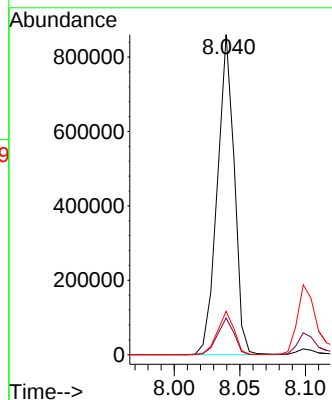
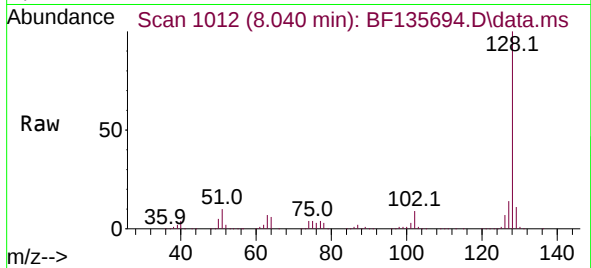




#31  
Naphthalene  
Concen: 50.722 ng  
RT: 8.040 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

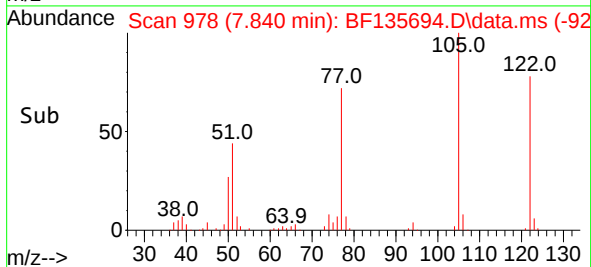
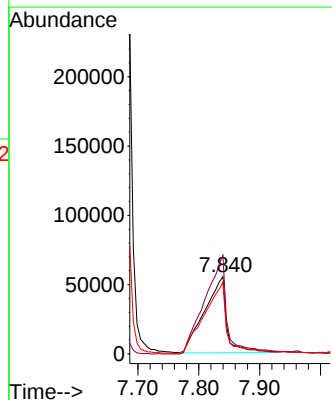
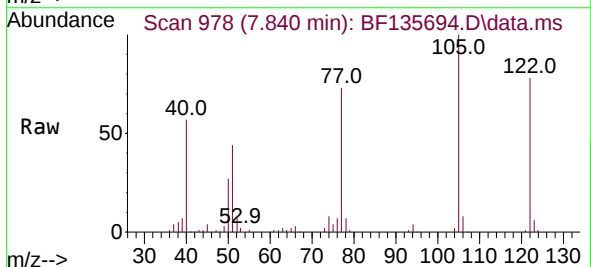
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

Tgt Ion:128 Resp: 771573  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 13.6 10.7 16.1



#32  
Benzoic acid  
Concen: 40.450 ng  
RT: 7.840 min Scan# 978  
Delta R.T. 0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:122 Resp: 139960  
Ion Ratio Lower Upper  
122 100  
105 127.5 99.9 139.9  
77 92.8 70.0 110.0

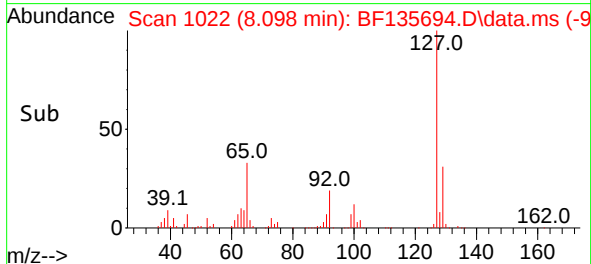
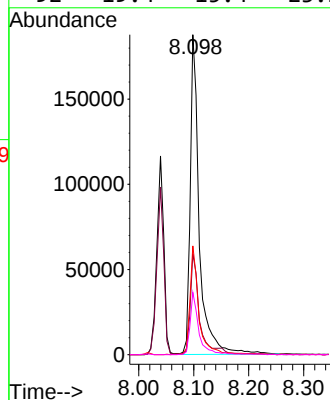
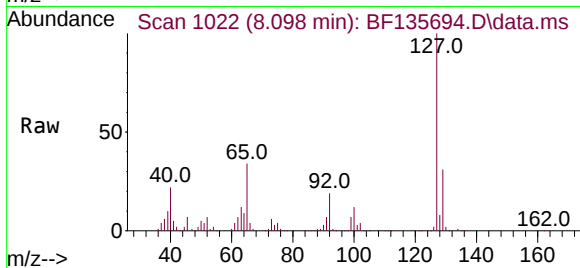




#33  
4-Chloroaniline  
Concen: 32.377 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

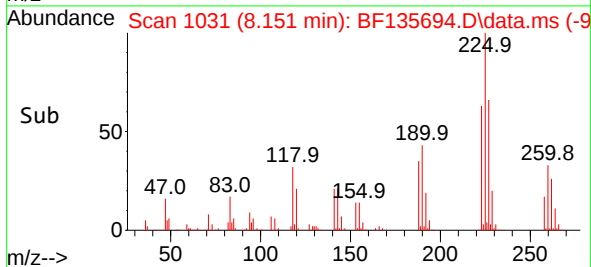
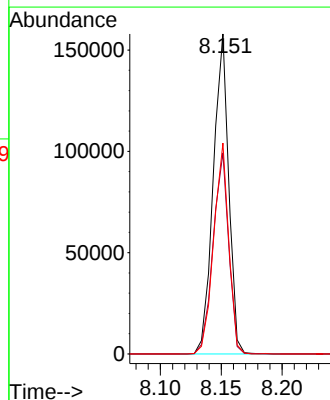
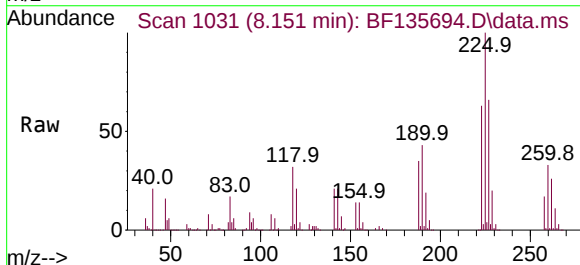
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

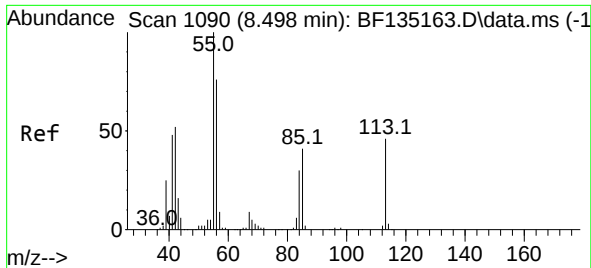
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 216081 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.4  | 25.8  | 38.8   |
| 65       | 34.0  | 26.6  | 39.8   |
| 92       | 19.4  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 51.776 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 138940 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 50.6  | 75.8   |
| 227      | 65.9  | 50.8  | 76.2   |

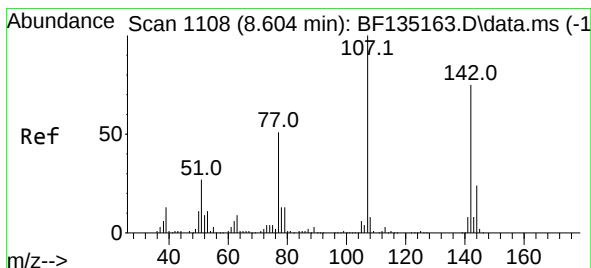
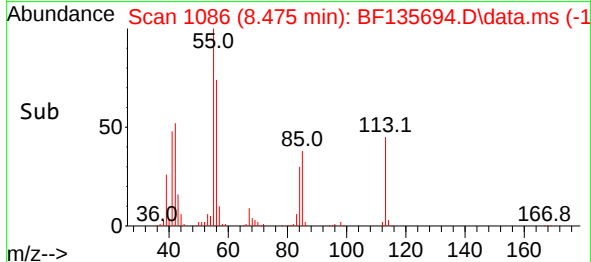
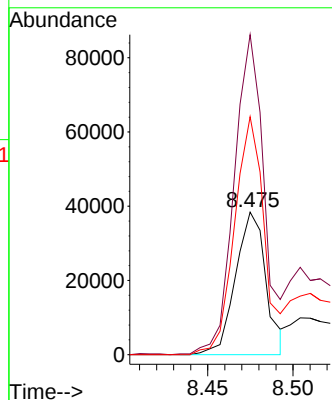
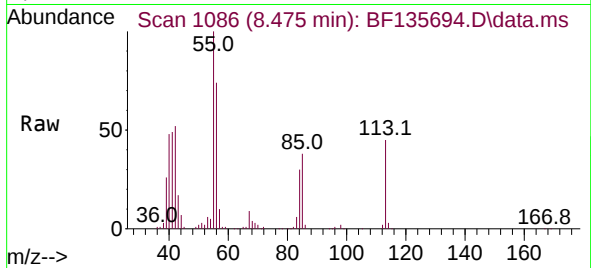




#35  
 Caprolactam  
 Concen: 33.345 ng  
 RT: 8.475 min Scan# 1107  
 Delta R.T. -0.006 min  
 Lab File: BF135694.D  
 Acq: 10 Oct 2023 20:08

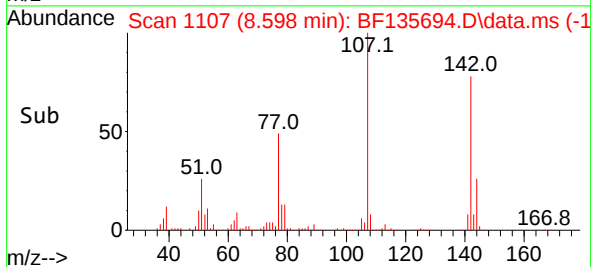
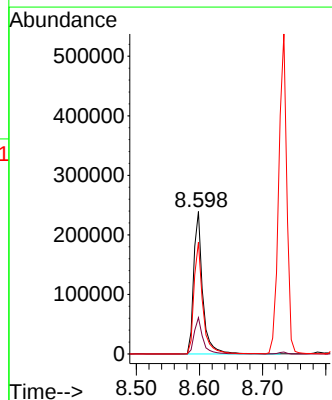
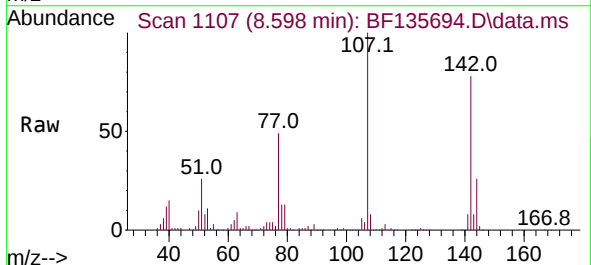
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTP-2MSD

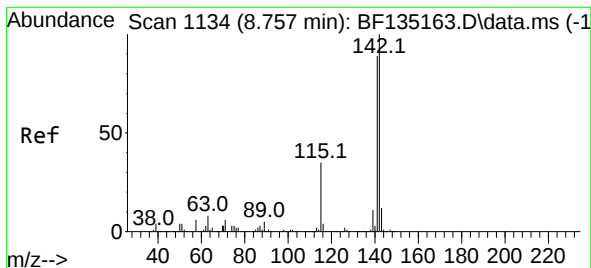
Tgt Ion:113 Resp: 47649  
 Ion Ratio Lower Upper  
 113 100  
 55 224.4 199.3 239.3  
 56 166.8 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.091 ng  
 RT: 8.598 min Scan# 1107  
 Delta R.T. 0.006 min  
 Lab File: BF135694.D  
 Acq: 10 Oct 2023 20:08

Tgt Ion:107 Resp: 237042  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 19.0 28.4  
 142 78.5 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.802 ng

RT: 8.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

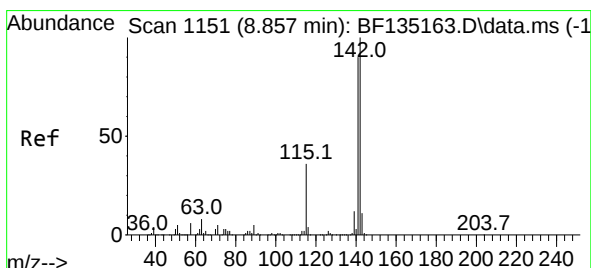
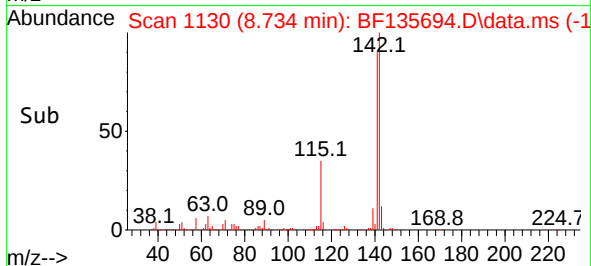
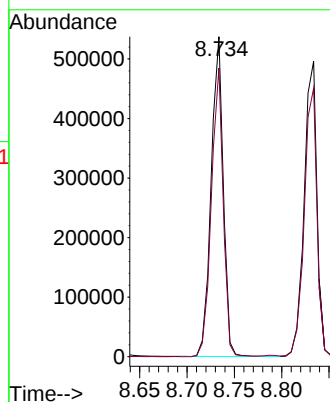
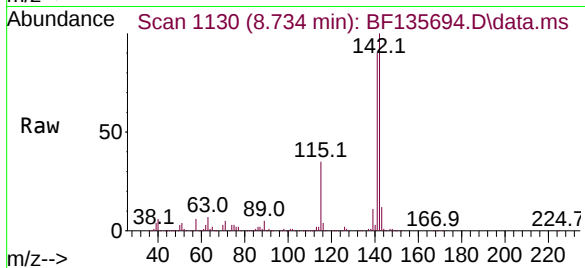
DTP-2MSD

Tgt Ion:142 Resp: 478565

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 48.742 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135694.D

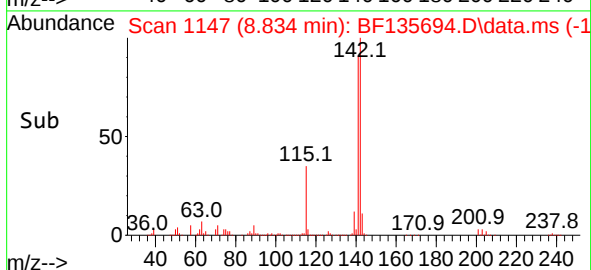
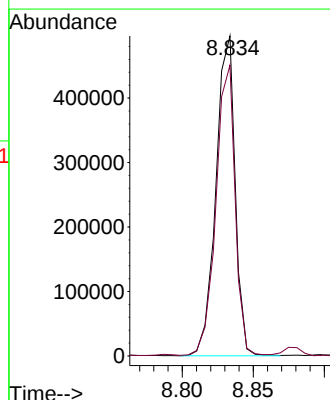
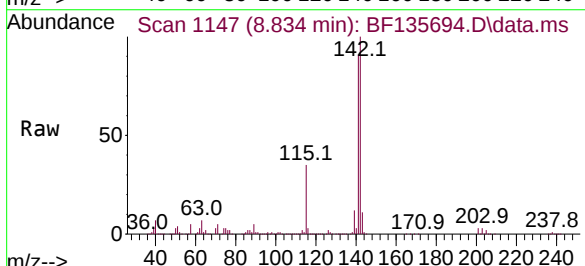
Acq: 10 Oct 2023 20:08

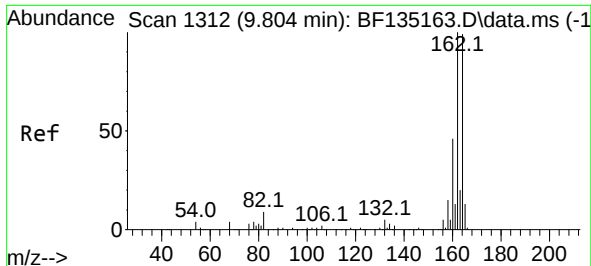
Tgt Ion:142 Resp: 466623

Ion Ratio Lower Upper

142 100

141 90.8 72.4 108.6

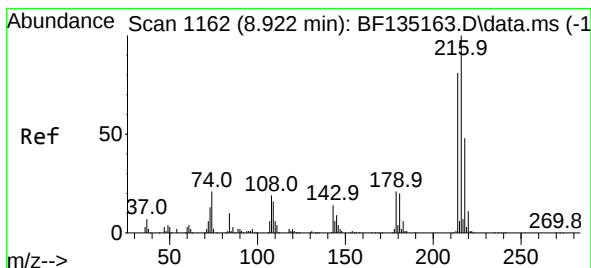
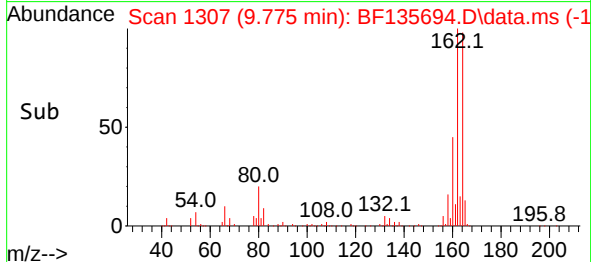
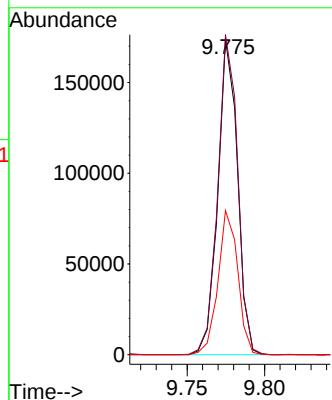
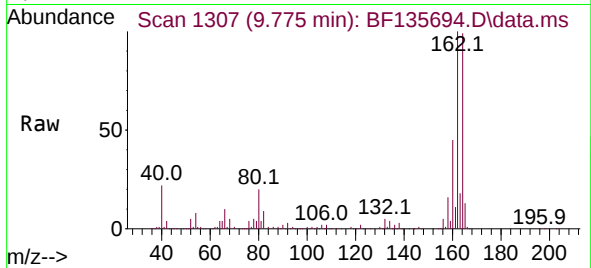




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

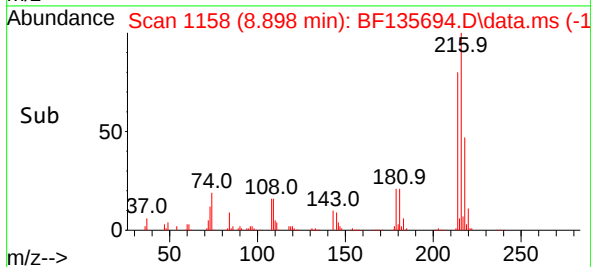
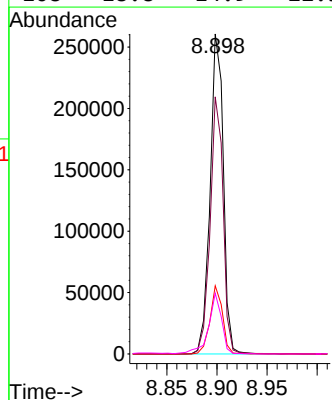
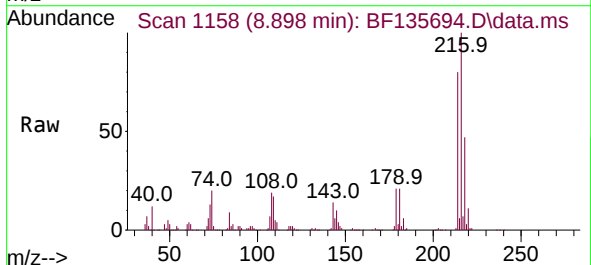
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

Tgt Ion:164 Resp: 152836  
Ion Ratio Lower Upper  
164 100  
162 101.4 81.0 121.4  
160 45.7 37.0 55.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.857 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:216 Resp: 238466  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.7 95.5  
179 20.2 16.7 25.1  
108 18.8 14.9 22.3

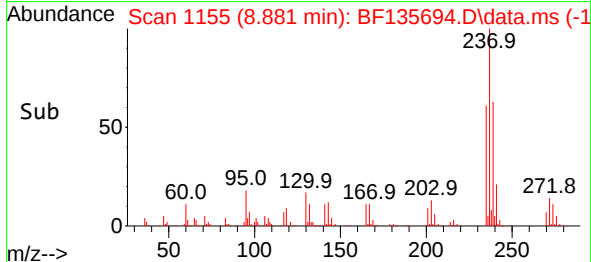
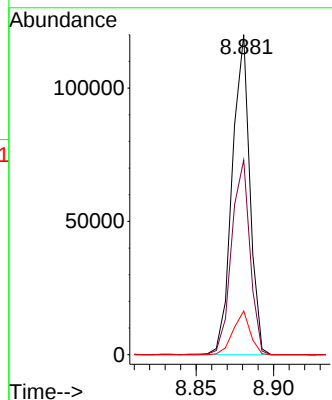
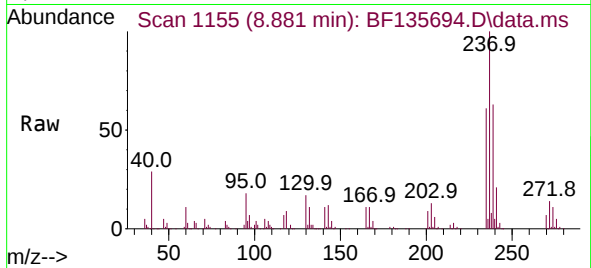




#41  
Hexachlorocyclopentadiene  
Concen: 51.558 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

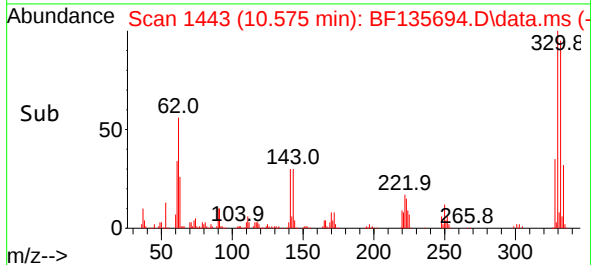
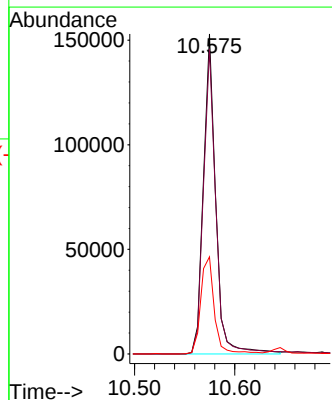
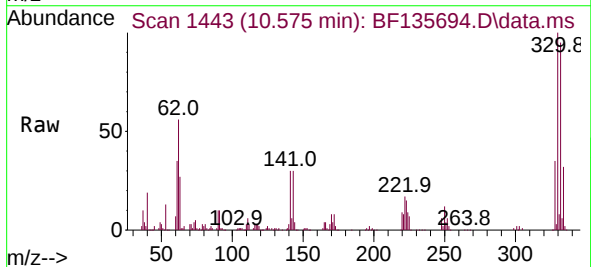
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

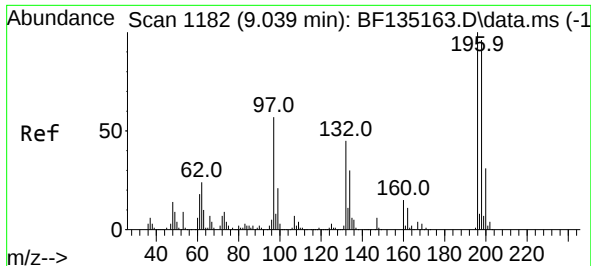
Tgt Ion:237 Resp: 94948  
Ion Ratio Lower Upper  
237 100  
235 60.8 41.8 81.8  
272 13.7 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 86.189 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:330 Resp: 130906  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.3 115.9  
141 33.8 25.8 38.8

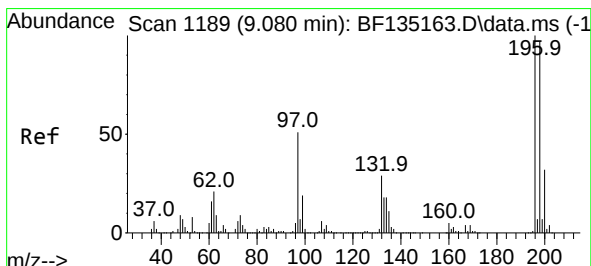
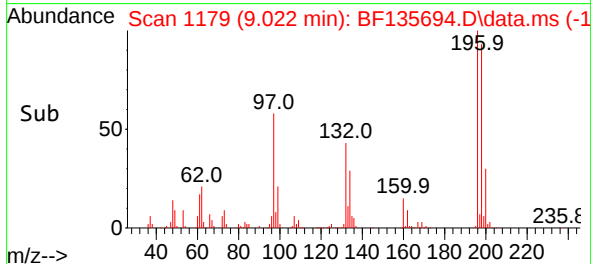
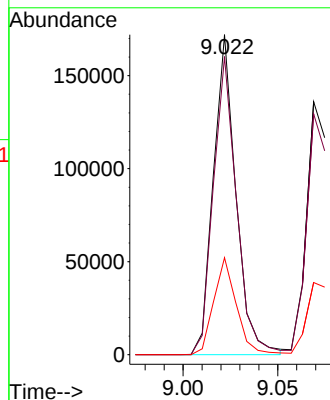
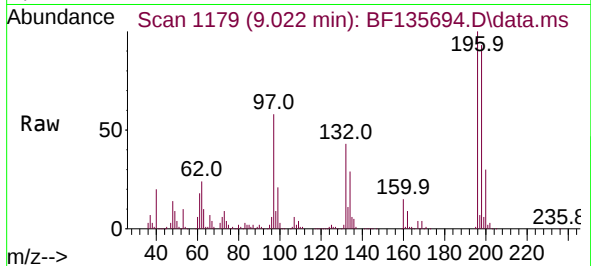




#43  
2,4,6-Trichlorophenol  
Concen: 49.338 ng  
RT: 9.022 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

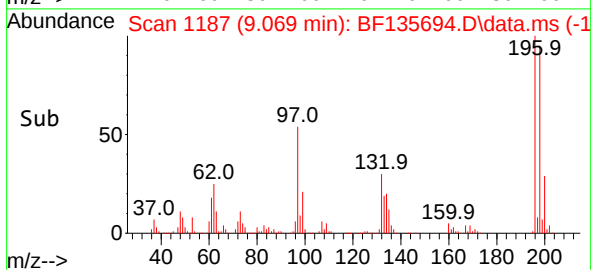
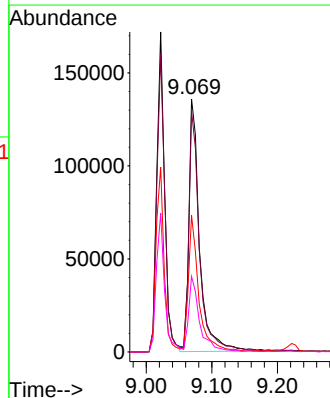
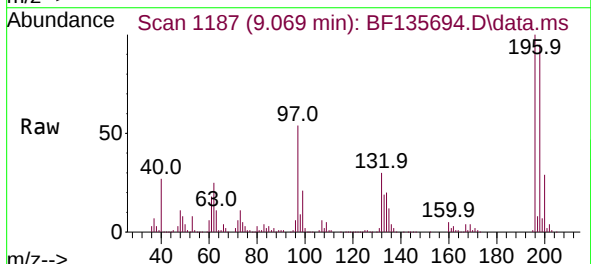
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

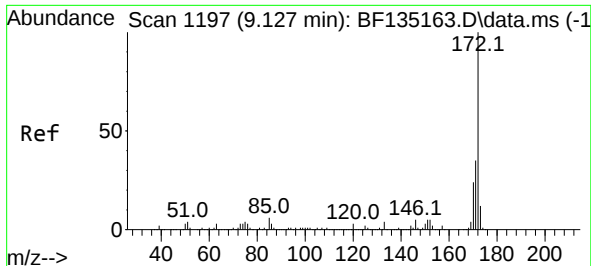
Tgt Ion:196 Resp: 143033  
Ion Ratio Lower Upper  
196 100  
198 93.2 77.0 115.6  
200 30.3 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 46.123 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:196 Resp: 153985  
Ion Ratio Lower Upper  
196 100  
198 95.2 77.5 116.3  
97 54.0 40.5 60.7  
132 29.9 23.3 34.9

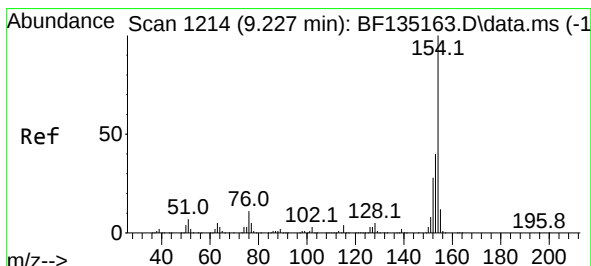
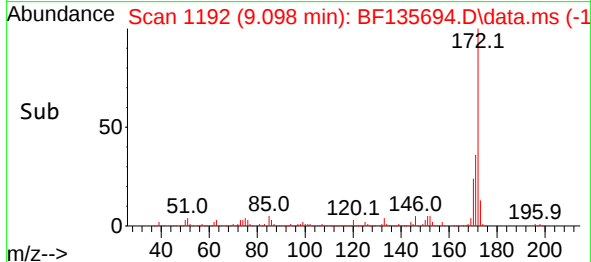
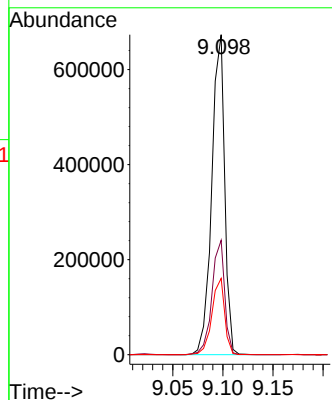
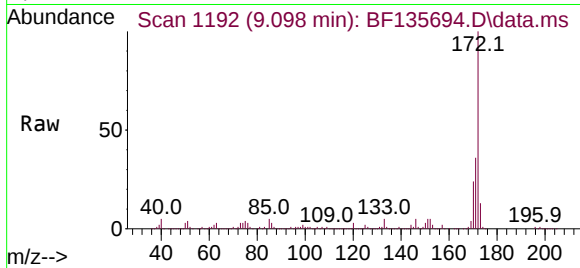




#45  
2-Fluorobiphenyl  
Concen: 59.879 ng  
RT: 9.098 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

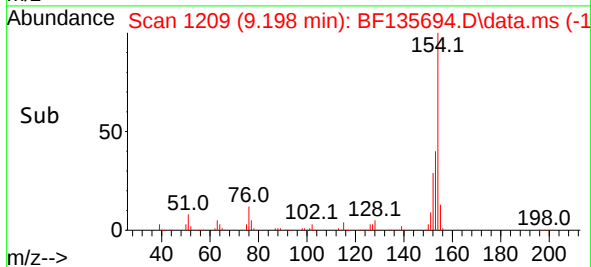
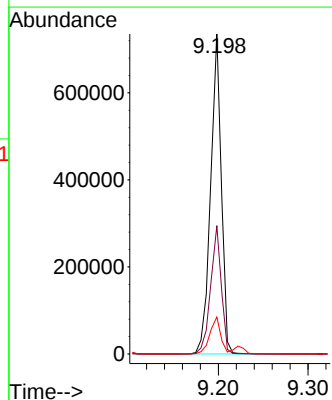
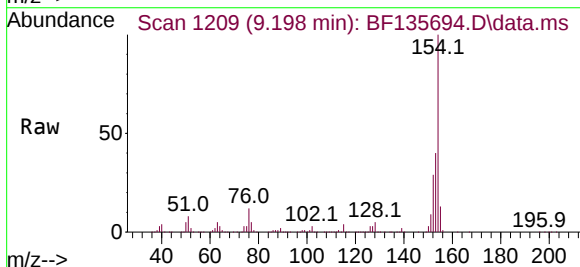
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

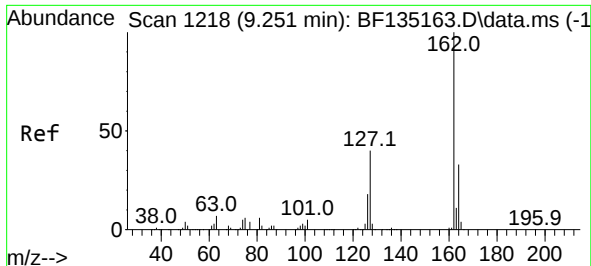
Tgt Ion:172 Resp: 606584  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.4 42.6  
170 23.9 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 51.788 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:154 Resp: 608261  
Ion Ratio Lower Upper  
154 100  
153 40.1 19.6 59.6  
76 11.6 0.0 31.0

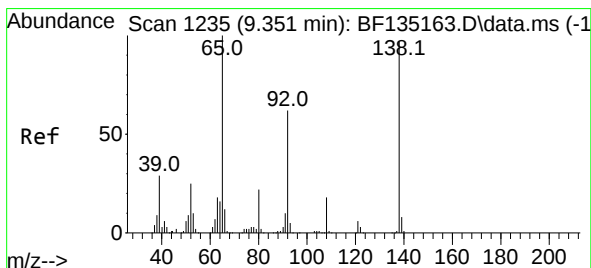
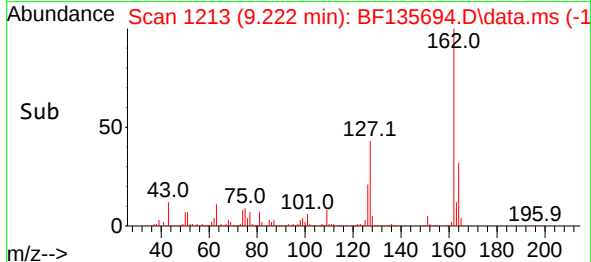
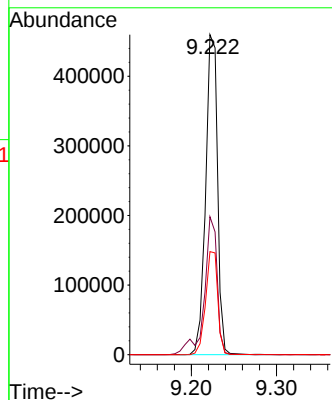
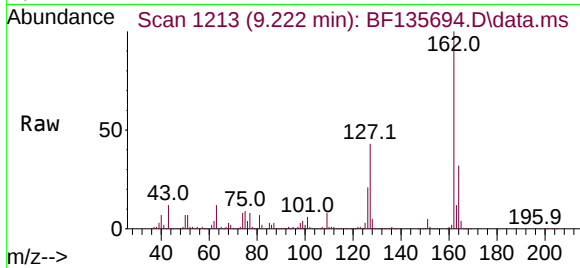




#47  
2-Chloronaphthalene  
Concen: 52.256 ng  
RT: 9.222 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

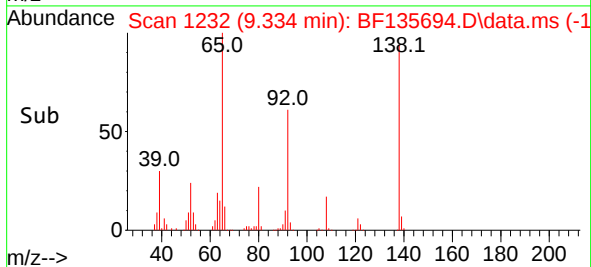
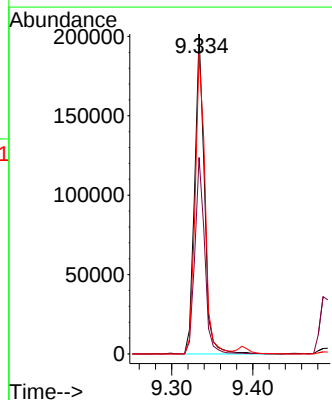
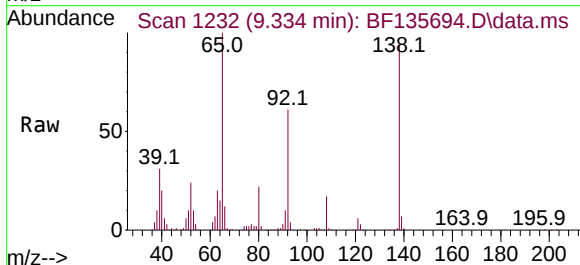
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

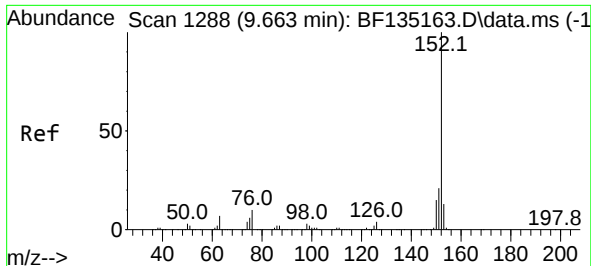
Tgt Ion:162 Resp: 445321  
Ion Ratio Lower Upper  
162 100  
127 43.1 32.6 48.8  
164 32.2 26.2 39.2



#48  
2-Nitroaniline  
Concen: 51.288 ng  
RT: 9.334 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion: 65 Resp: 169800  
Ion Ratio Lower Upper  
65 100  
92 61.4 49.4 74.0  
138 93.7 77.4 116.0

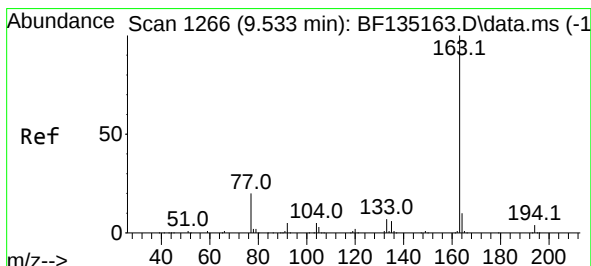
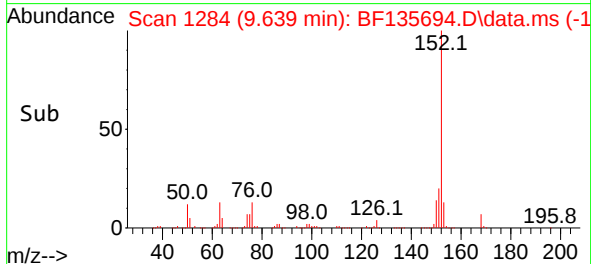
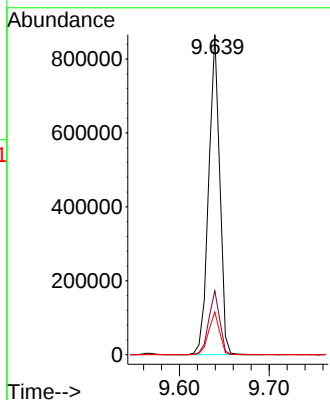
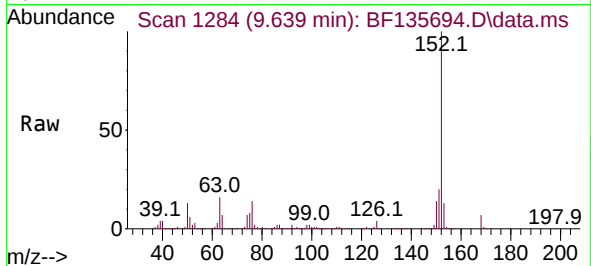




#49  
Acenaphthylene  
Concen: 52.334 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

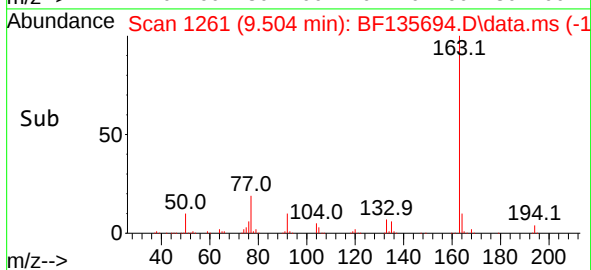
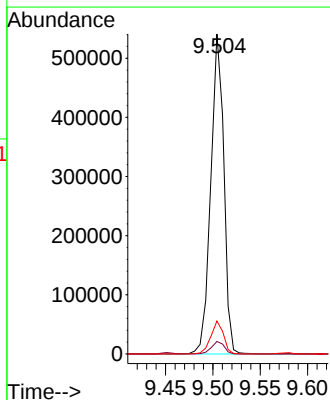
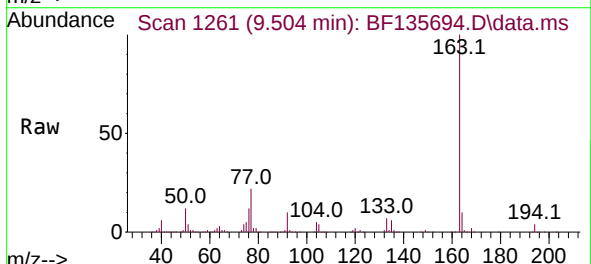
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

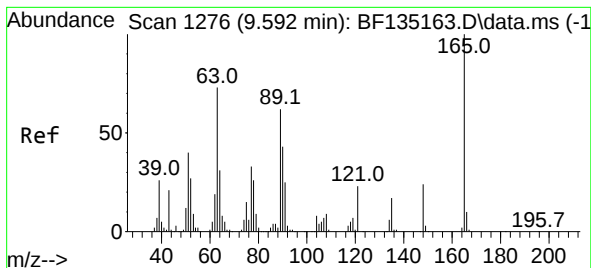
Tgt Ion:152 Resp: 741192  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.4 24.6  
153 13.3 10.4 15.6



#50  
Dimethylphthalate  
Concen: 50.014 ng  
RT: 9.504 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:163 Resp: 516812  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 51.042 ng

RT: 9.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

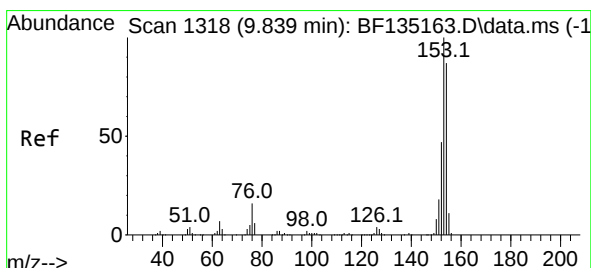
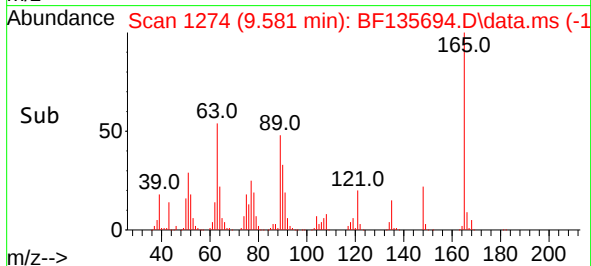
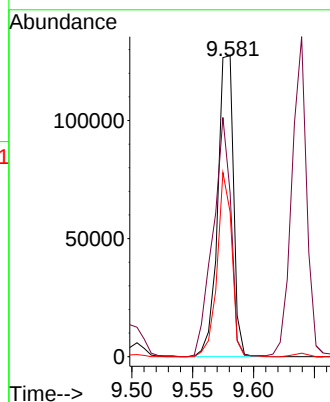
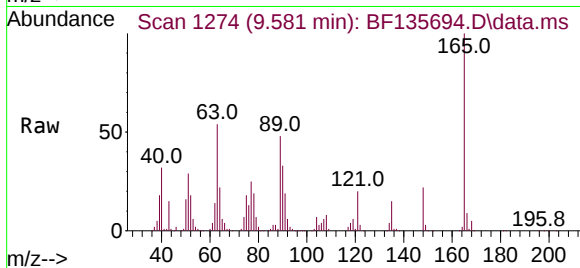
Tgt Ion:165 Resp: 115543

Ion Ratio Lower Upper

165 100

63 54.4 59.4 89.2#

89 48.0 49.8 74.8#



#52

Acenaphthene

Concen: 50.933 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

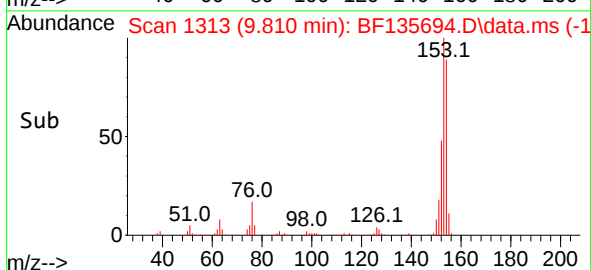
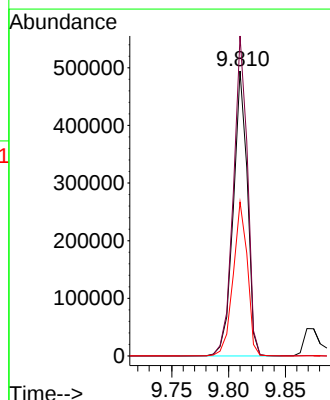
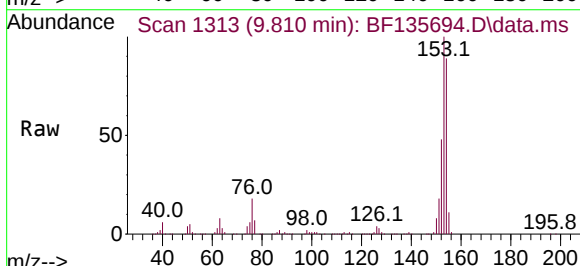
Tgt Ion:154 Resp: 426132

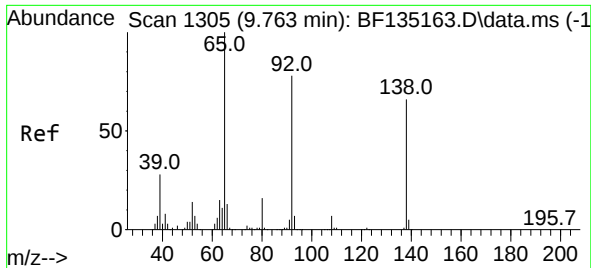
Ion Ratio Lower Upper

154 100

153 112.3 92.1 138.1

152 54.0 43.1 64.7

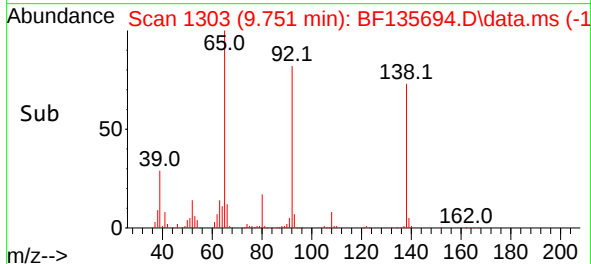
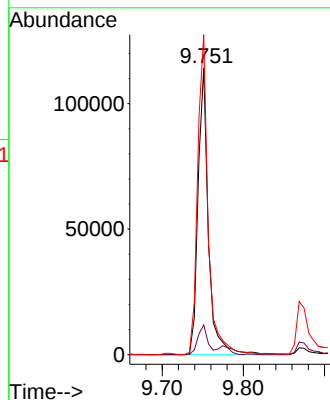
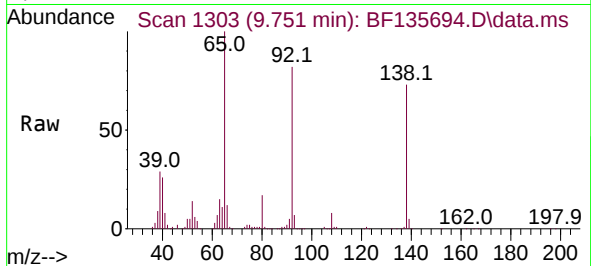




#53  
3-Nitroaniline  
Concen: 38.462 ng  
RT: 9.751 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

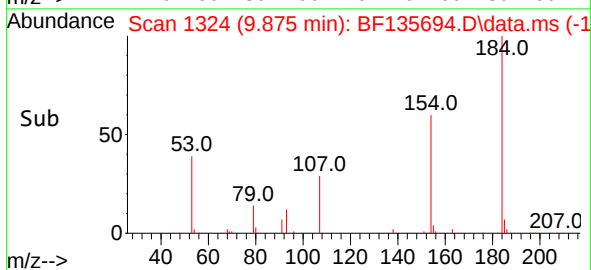
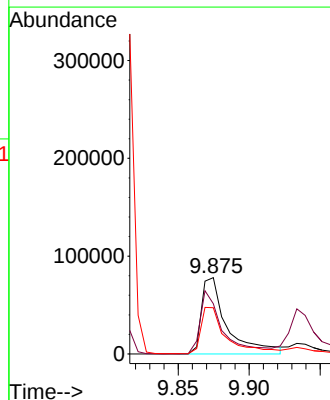
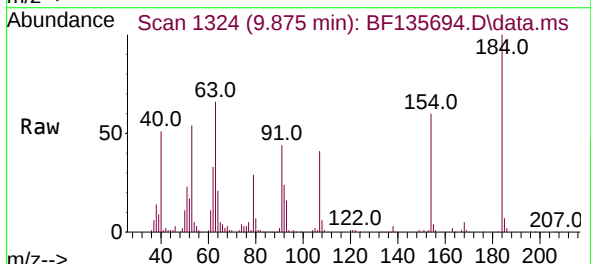
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

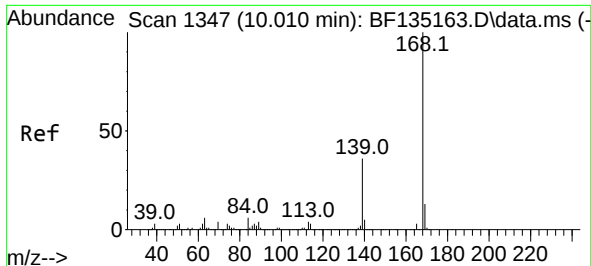
Tgt Ion:138 Resp: 102201  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.5 12.7  
92 111.7 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 76.545 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:184 Resp: 97990  
Ion Ratio Lower Upper  
184 100  
63 65.7 55.1 82.7  
154 60.5 48.4 72.6





#55

Dibenzenofuran

Concen: 49.101 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

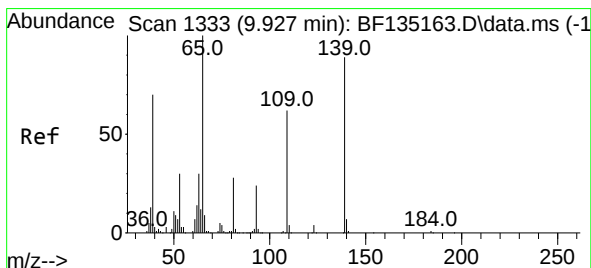
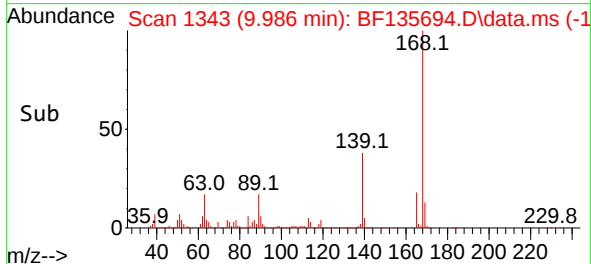
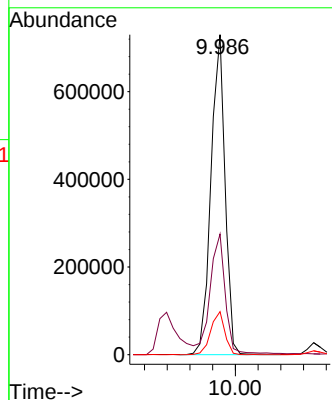
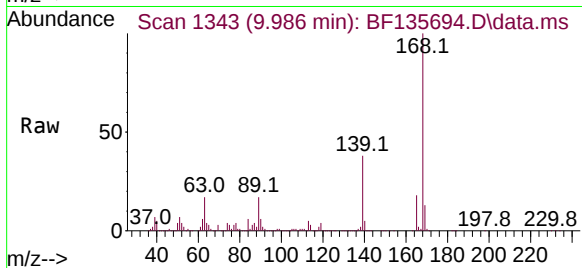
Tgt Ion:168 Resp: 626878

Ion Ratio Lower Upper

168 100

139 37.7 29.0 43.6

169 13.5 10.4 15.6



#56

4-Nitrophenol

Concen: 70.062 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

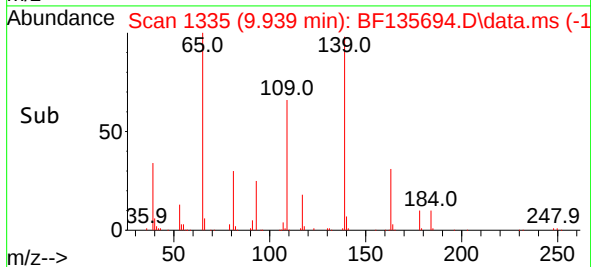
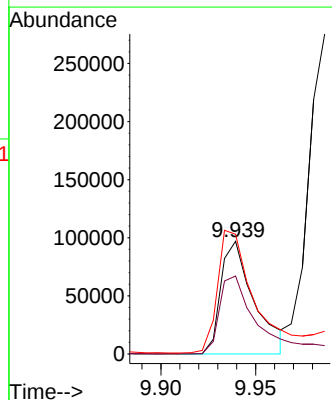
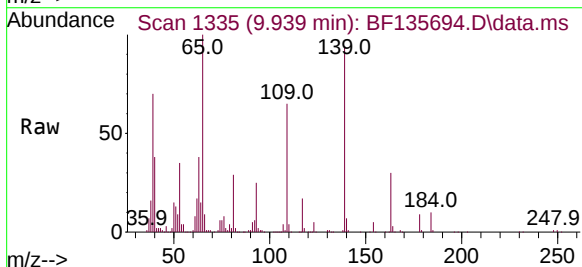
Tgt Ion:139 Resp: 118319

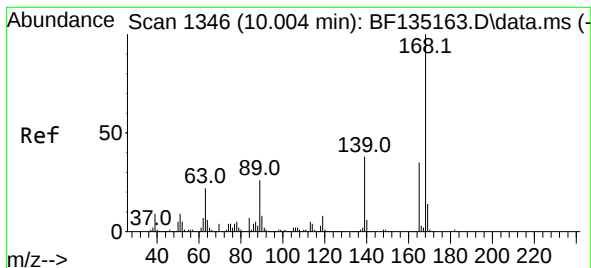
Ion Ratio Lower Upper

139 100

109 69.3 49.8 89.8

65 106.3 92.7 132.7

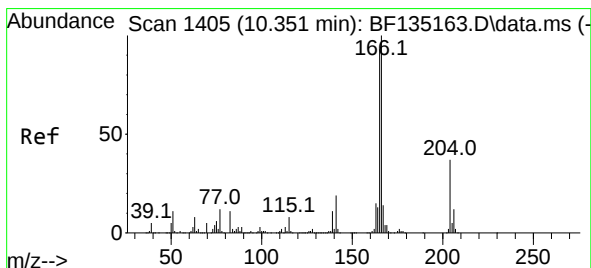
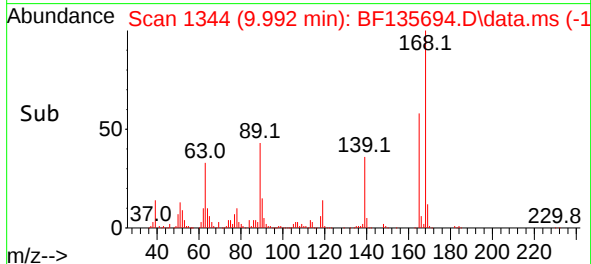
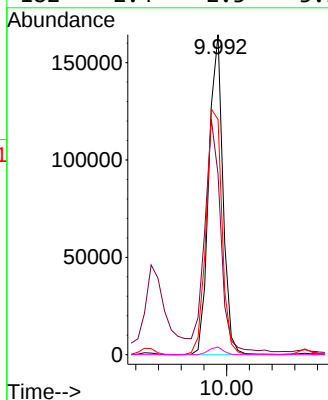
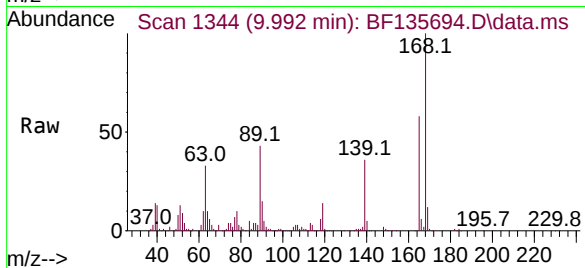




#57  
2,4-Dinitrotoluene  
Concen: 49.762 ng  
RT: 9.992 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

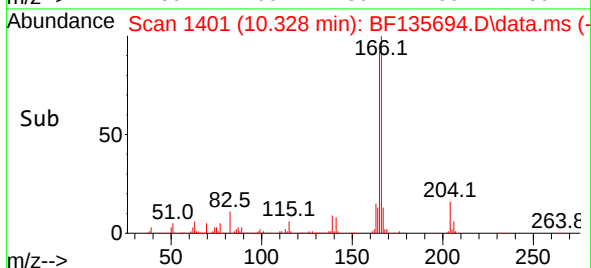
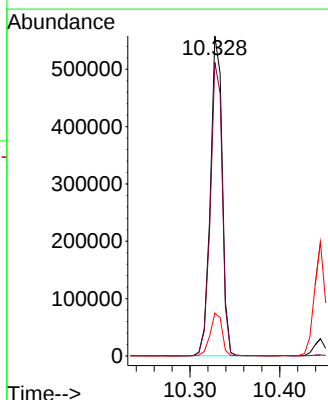
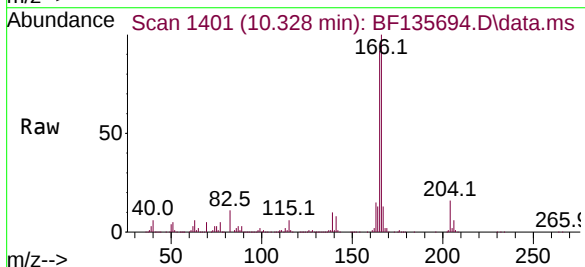
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

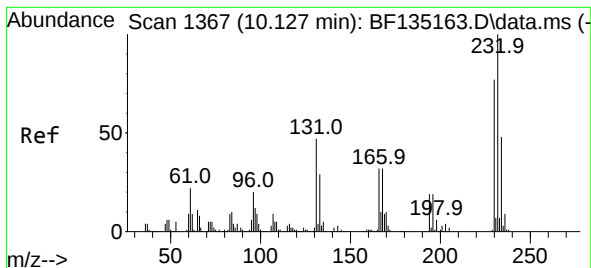
Tgt Ion:165 Resp: 141022  
Ion Ratio Lower Upper  
165 100  
63 56.4 50.1 75.1  
89 73.5 59.3 88.9  
182 2.4 2.3 3.5



#58  
Fluorene  
Concen: 51.938 ng  
RT: 10.328 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:166 Resp: 509768  
Ion Ratio Lower Upper  
166 100  
165 91.8 74.3 111.5  
167 13.4 10.9 16.3

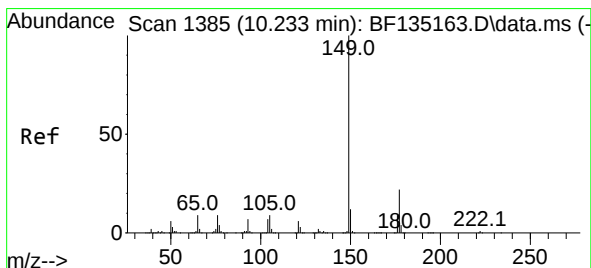
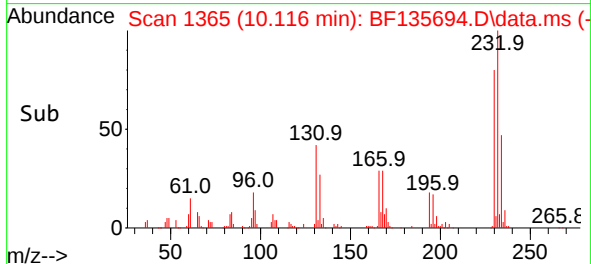
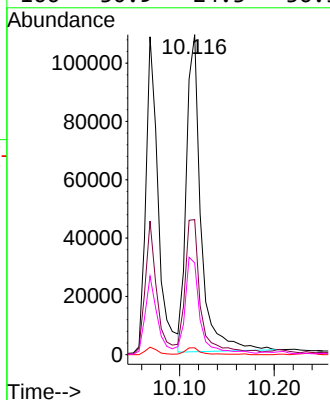
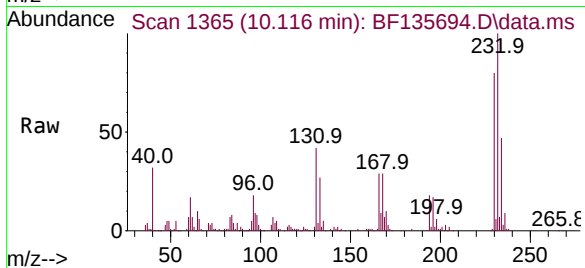




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.292 ng  
RT: 10.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

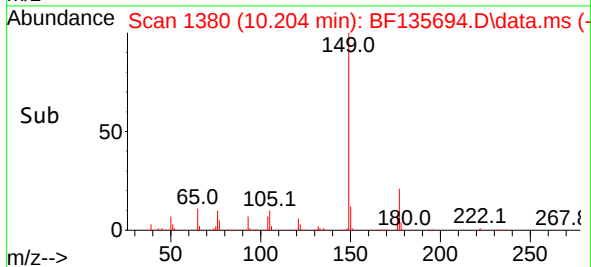
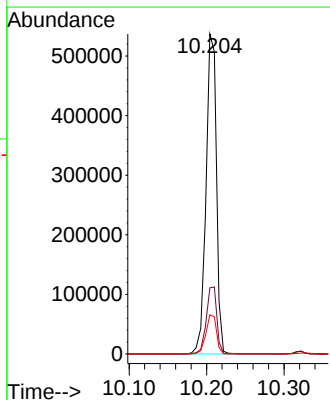
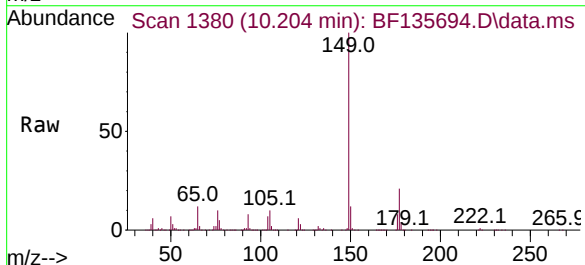
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

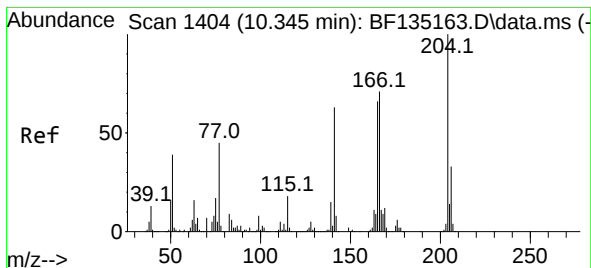
Tgt Ion:232 Resp: 116318  
Ion Ratio Lower Upper  
232 100  
131 44.3 35.4 53.2  
130 2.6 1.8 2.8  
166 30.9 24.3 36.5



#60  
Diethylphthalate  
Concen: 48.359 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:149 Resp: 501499  
Ion Ratio Lower Upper  
149 100  
177 20.7 17.8 26.6  
150 12.2 10.0 15.0

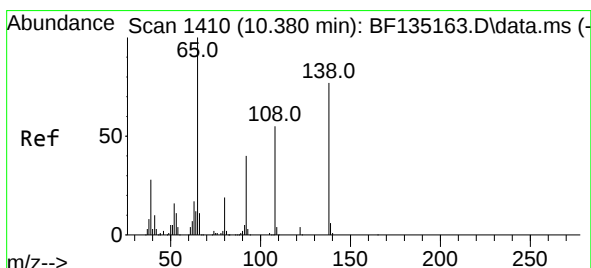
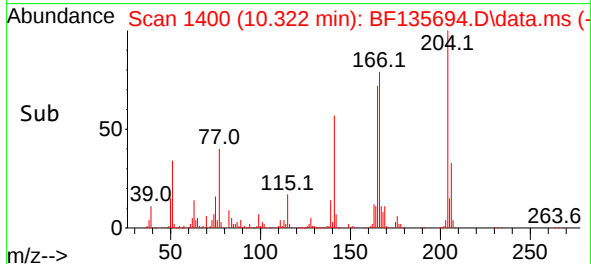
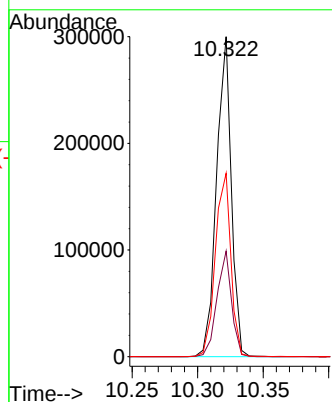
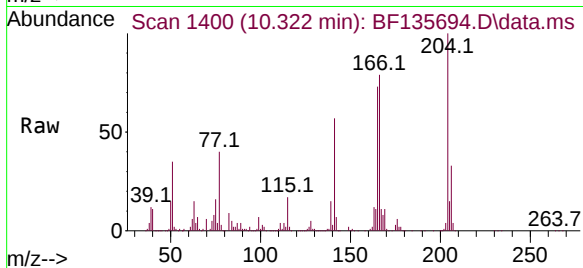




#61  
4-Chlorophenyl-phenylether  
Concen: 49.691 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

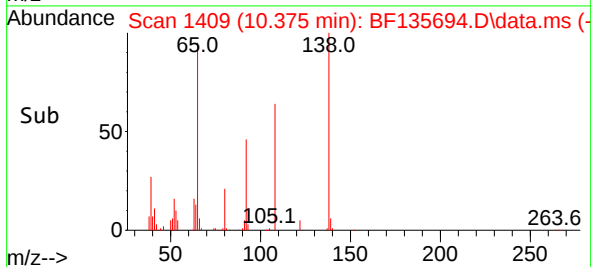
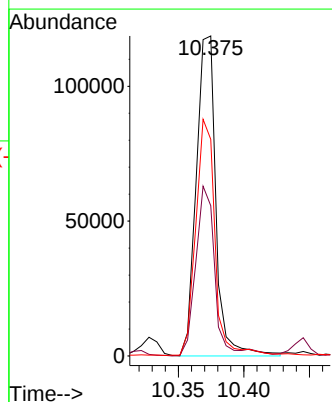
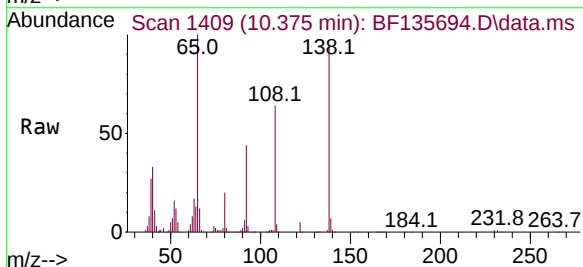
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

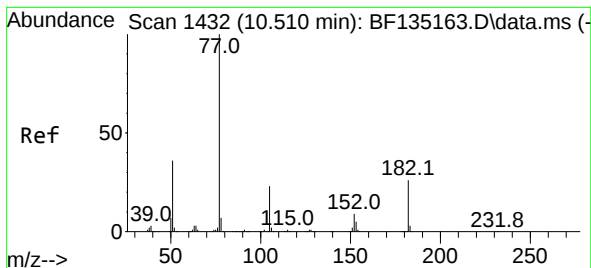
Tgt Ion:204 Resp: 234282  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.7 40.1  
141 57.3 50.6 75.8



#62  
4-Nitroaniline  
Concen: 48.703 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. 0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:138 Resp: 124396  
Ion Ratio Lower Upper  
138 100  
92 47.0 31.8 71.8  
108 67.7 52.0 92.0





#63

Azobenzene

Concen: 50.464 ng

RT: 10.481 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

Tgt Ion: 77 Resp: 512175

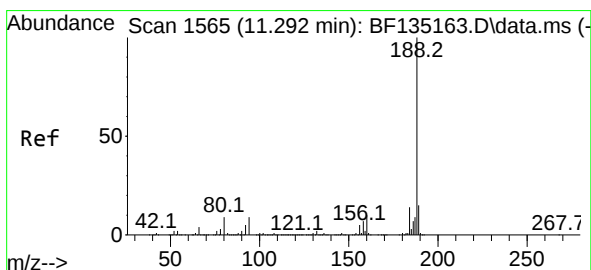
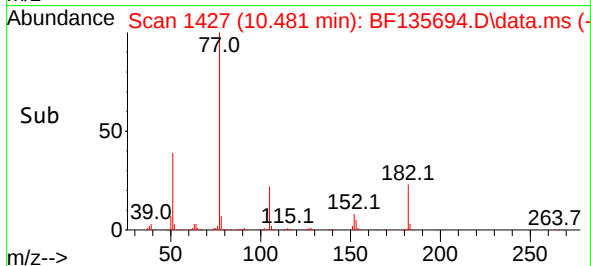
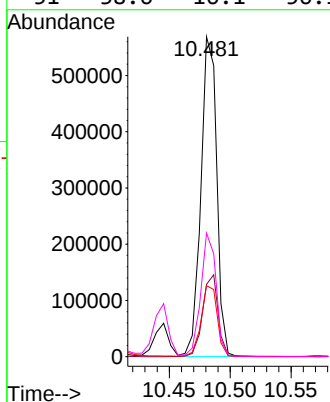
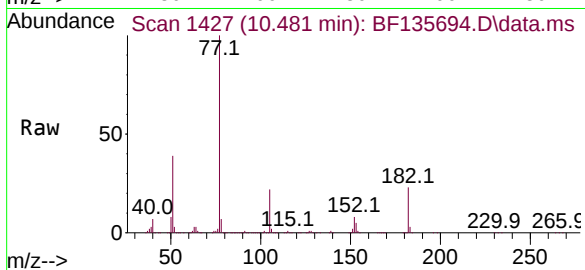
Ion Ratio Lower Upper

77 100

182 22.6 6.4 46.4

105 22.2 3.1 43.1

51 38.6 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

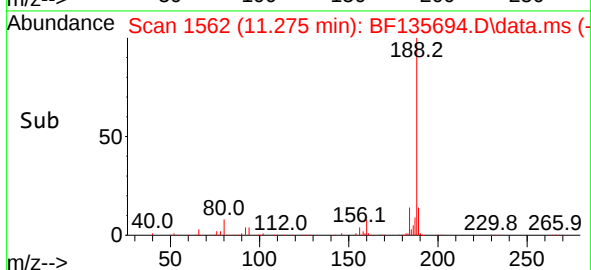
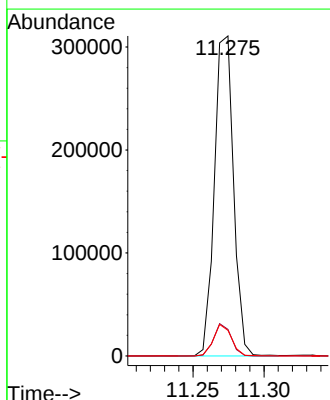
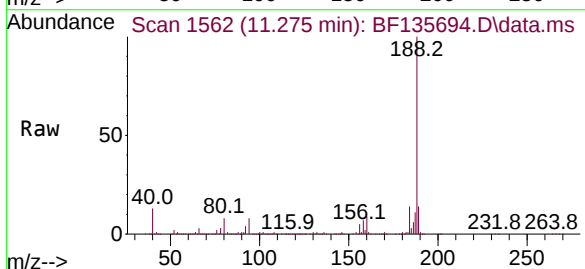
Tgt Ion: 188 Resp: 291105

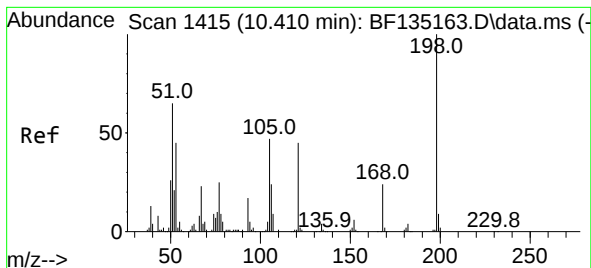
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 8.0 7.5 11.3

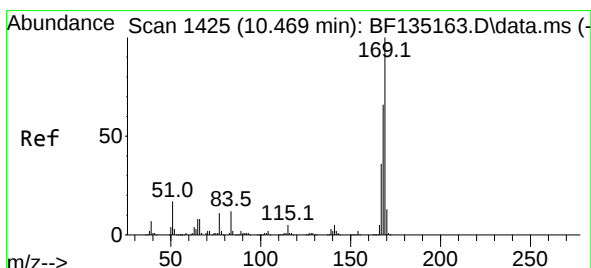
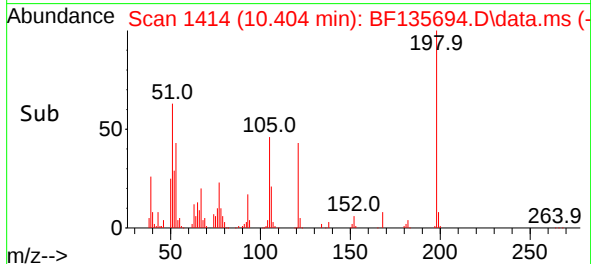
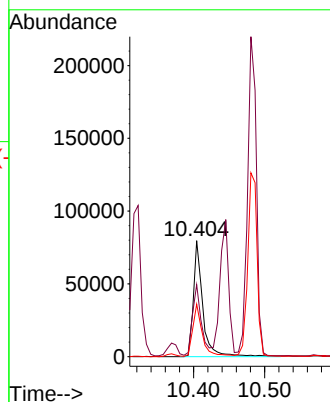
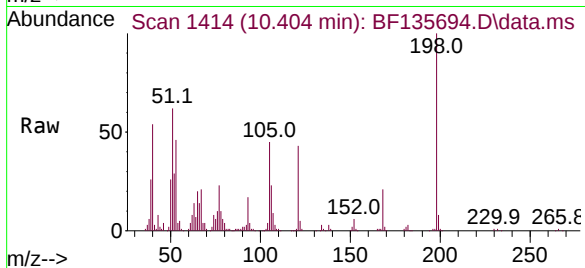




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.777 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

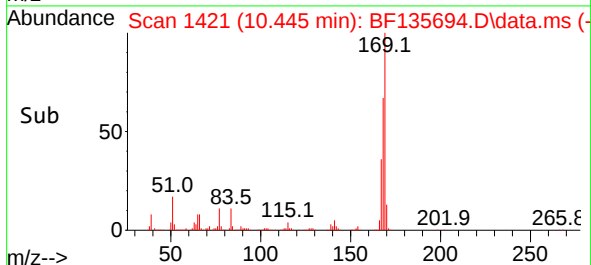
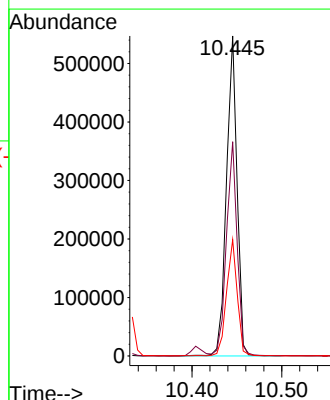
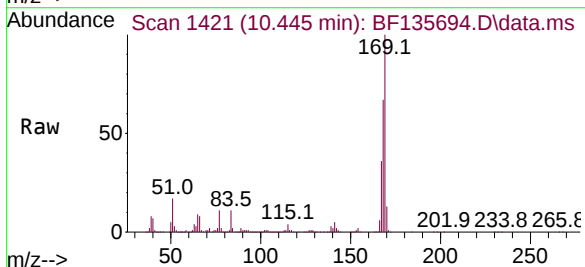
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

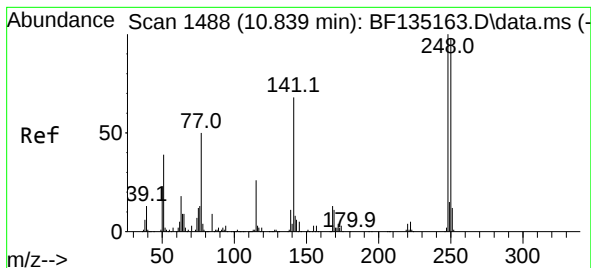
Tgt Ion:198 Resp: 73870  
Ion Ratio Lower Upper  
198 100  
51 62.0 47.7 87.7  
105 45.2 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 50.984 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:169 Resp: 449325  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.8 79.2  
167 36.4 29.0 43.6

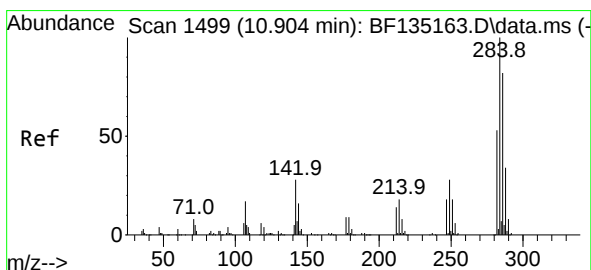
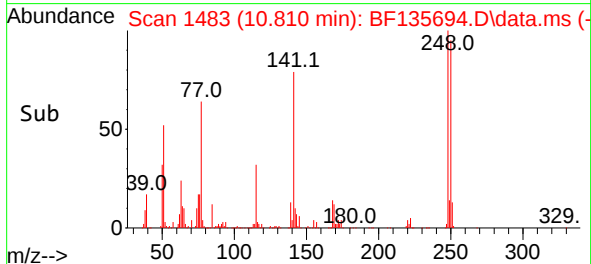
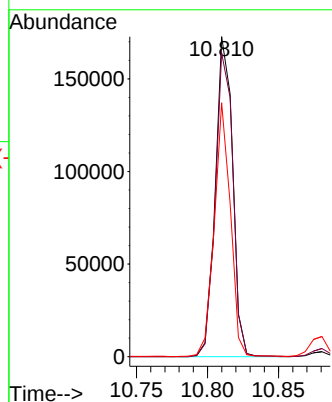
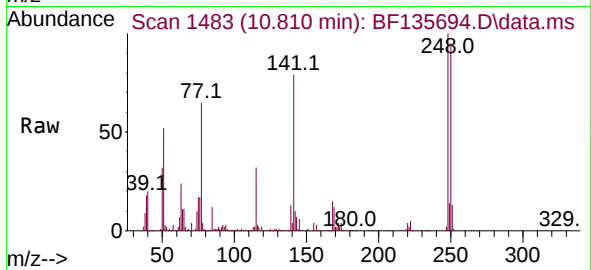




#67  
4-Bromophenyl-phenylether  
Concen: 50.356 ng  
RT: 10.810 min Scan# 1483  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

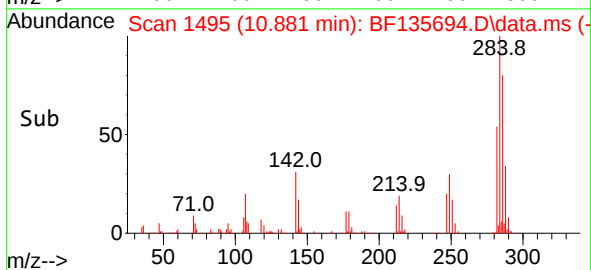
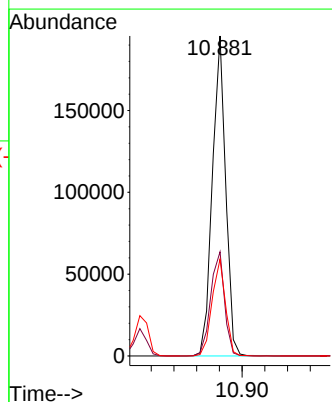
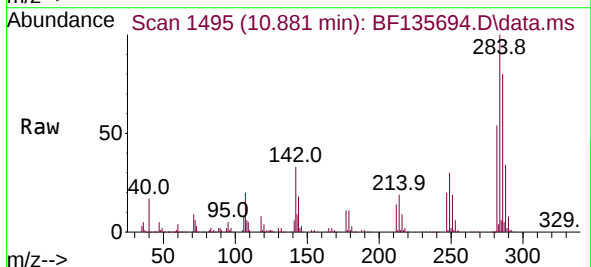
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

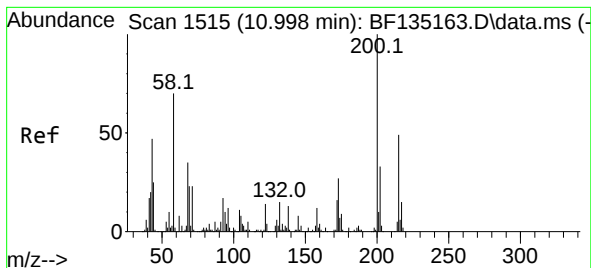
Tgt Ion:248 Resp: 145794  
Ion Ratio Lower Upper  
248 100  
250 94.9 78.6 117.8  
141 79.3 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 53.816 ng  
RT: 10.881 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:284 Resp: 158737  
Ion Ratio Lower Upper  
284 100  
142 32.6 22.2 33.4  
249 30.3 22.5 33.7





#69

Atrazine

Concen: 59.229 ng

RT: 10.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

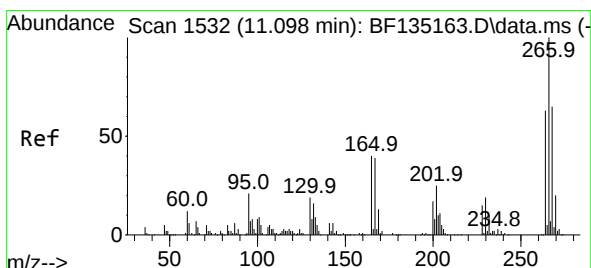
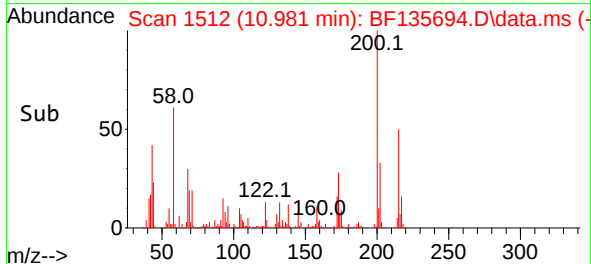
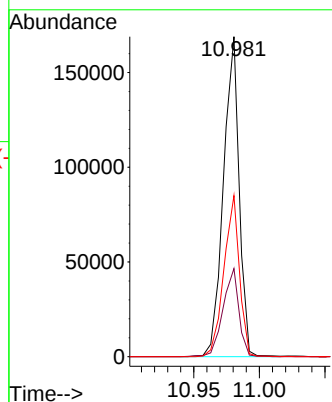
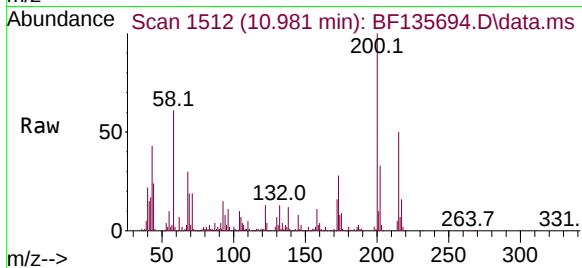
Tgt Ion:200 Resp: 140454

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 50.3 28.6 68.6



#70

Pentachlorophenol

Concen: 62.945 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

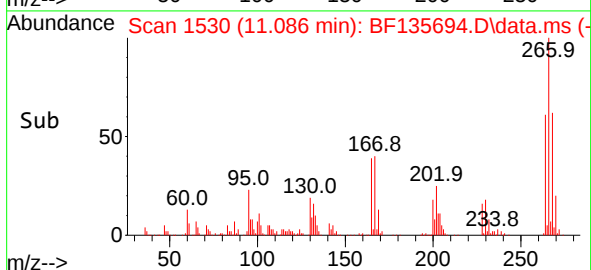
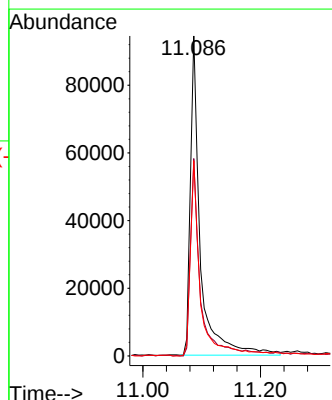
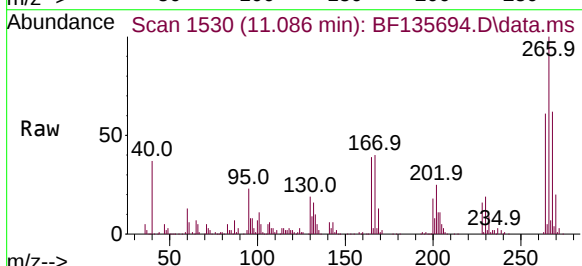
Tgt Ion:266 Resp: 111081

Ion Ratio Lower Upper

266 100

268 61.7 52.1 78.1

264 61.0 50.8 76.2





#71

Phenanthrene

Concen: 51.875 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

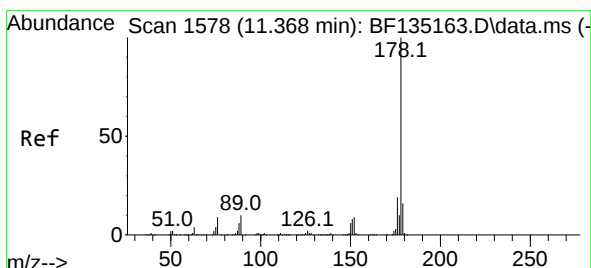
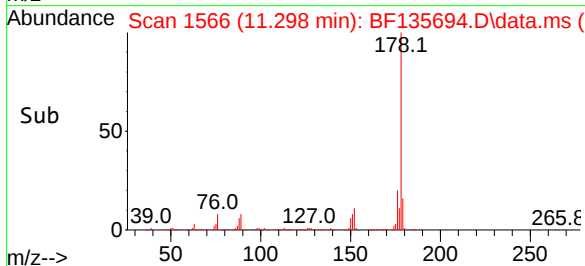
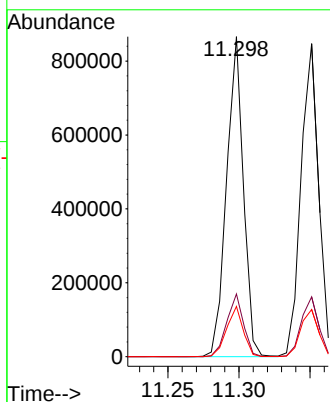
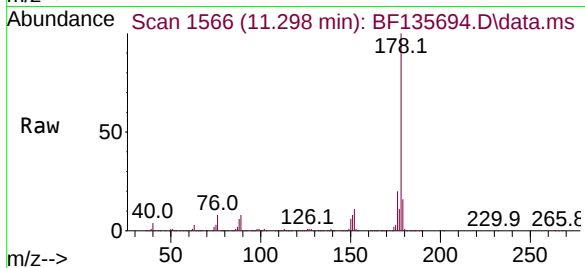
Tgt Ion:178 Resp: 714220

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.7 12.0 18.0



#72

Anthracene

Concen: 51.762 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

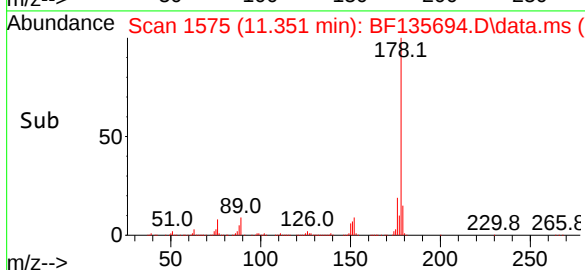
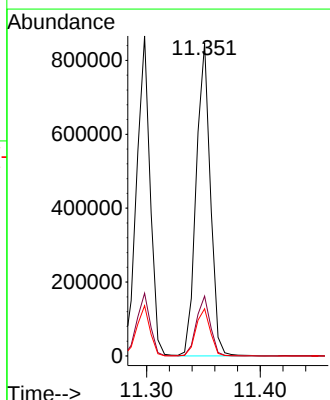
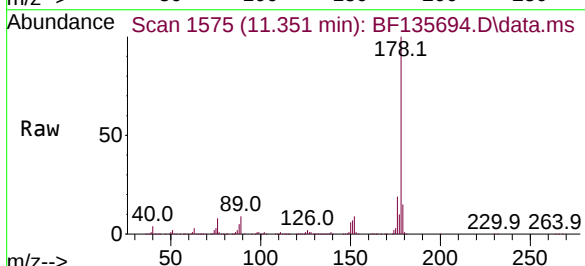
Tgt Ion:178 Resp: 732534

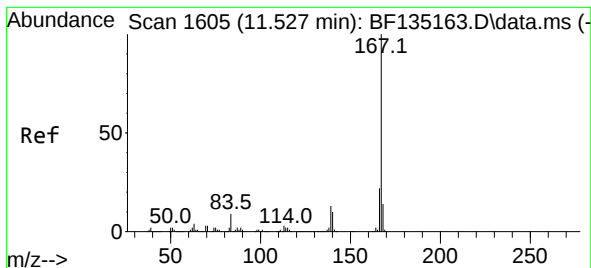
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.1 12.6 19.0





#73

Carbazole

Concen: 54.068 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

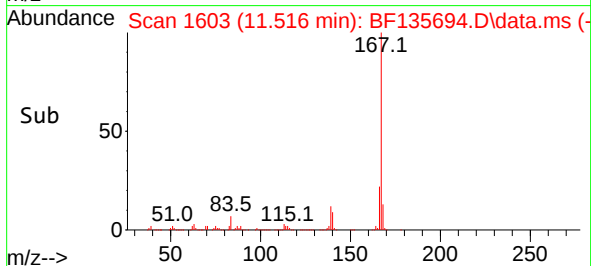
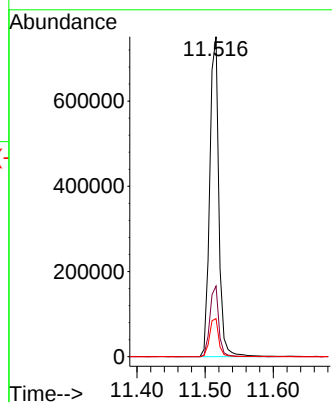
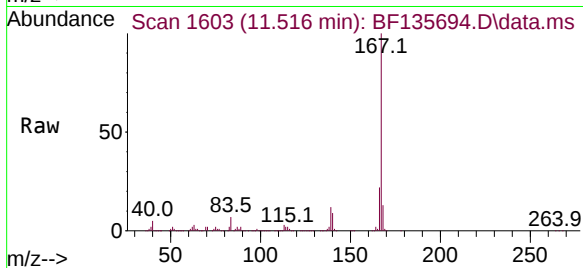
Tgt Ion:167 Resp: 696550

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 11.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.101 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

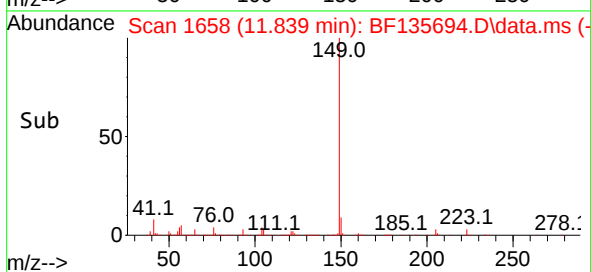
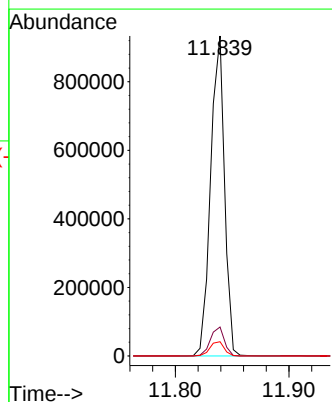
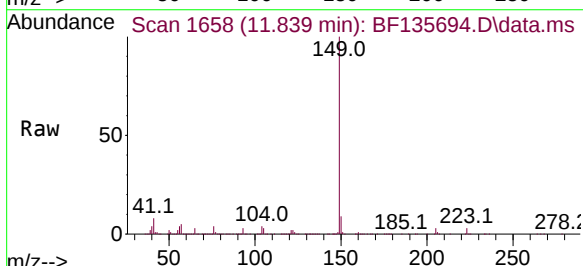
Tgt Ion:149 Resp: 790914

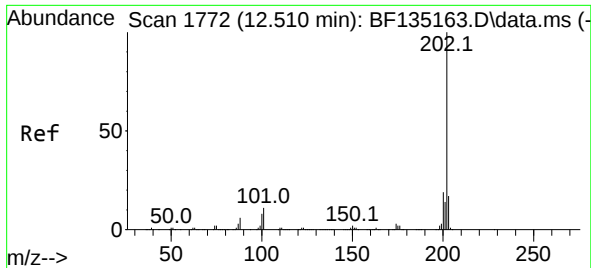
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.5 3.6 5.4

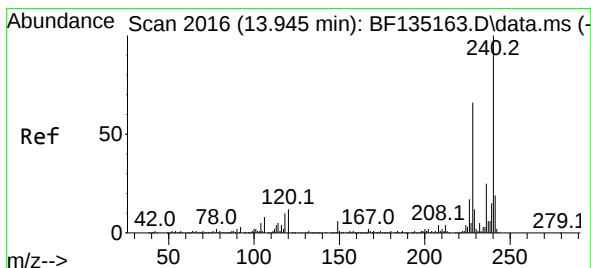
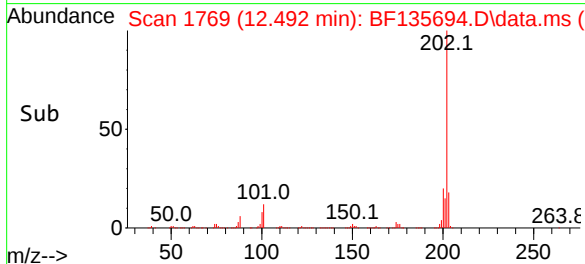
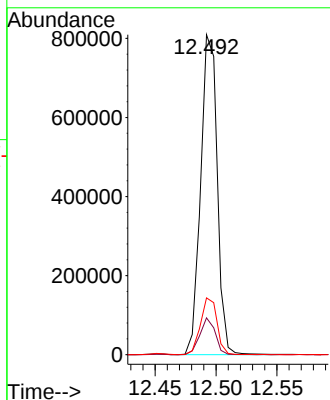
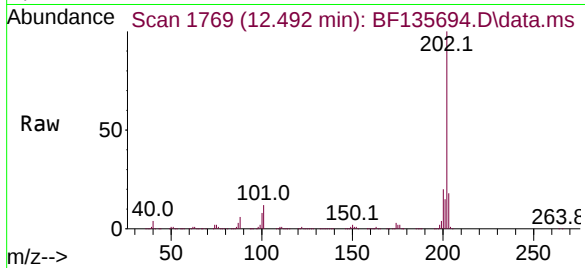




#75  
Fluoranthene  
Concen: 53.305 ng  
RT: 12.492 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

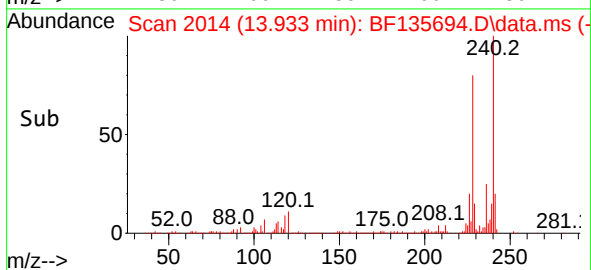
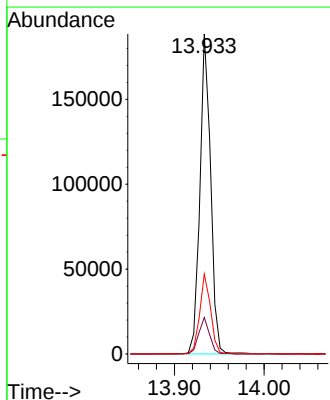
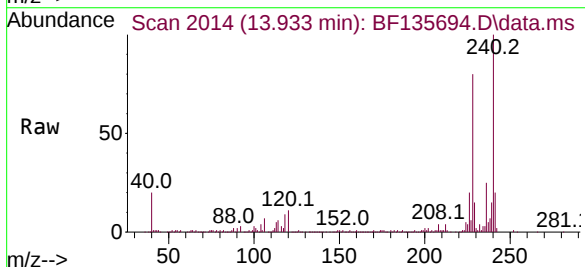
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

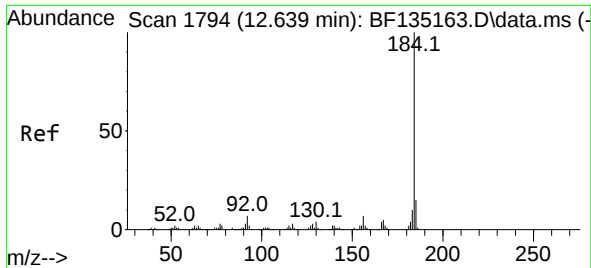
Tgt Ion:202 Resp: 764726  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 31.3  
203 17.8 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:240 Resp: 156155  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.4 14.2  
236 25.0 19.8 29.8

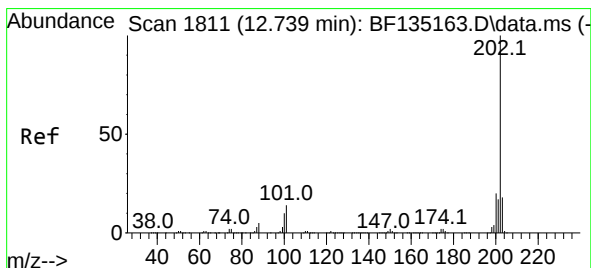
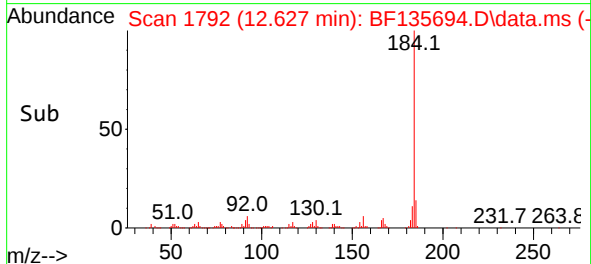
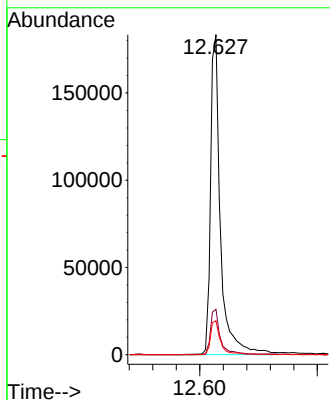
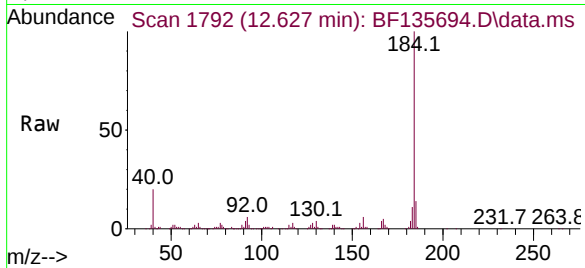




#77  
Benzidine  
Concen: 67.360 ng  
RT: 12.627 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

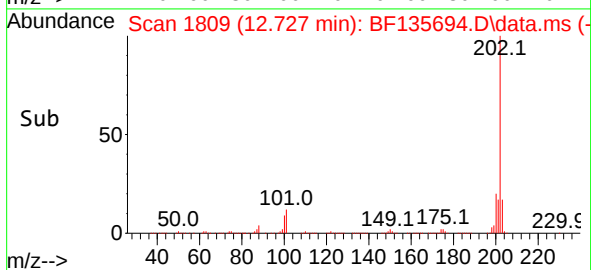
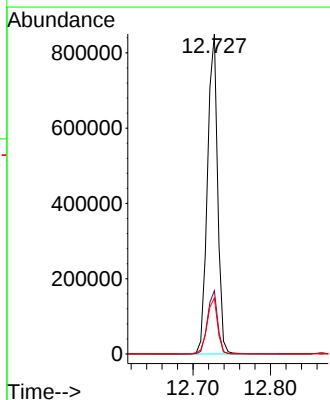
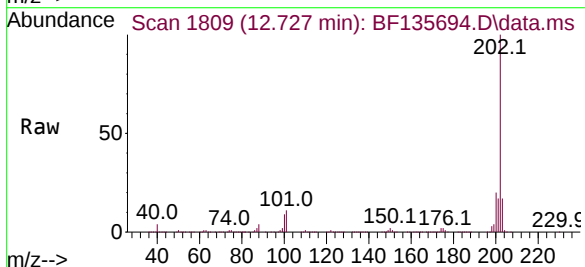
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

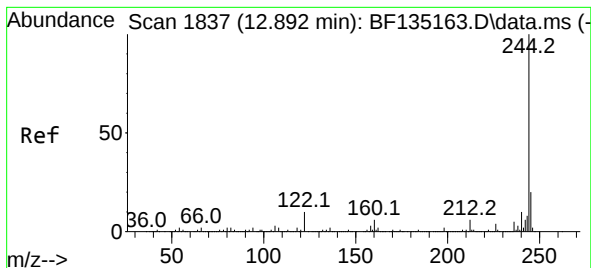
Tgt Ion:184 Resp: 215492  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 10.6 8.2 12.4



#78  
Pyrene  
Concen: 52.110 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:202 Resp: 774725  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.2 24.2  
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 62.028 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

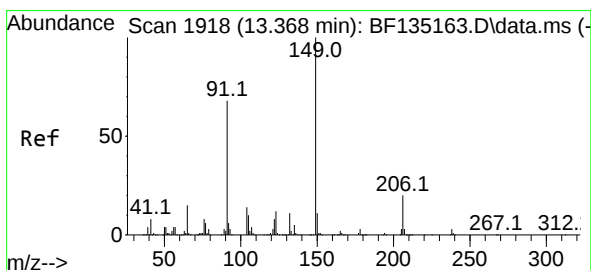
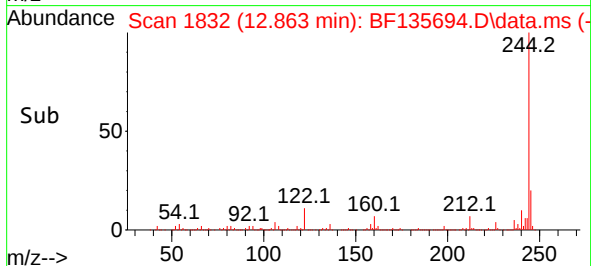
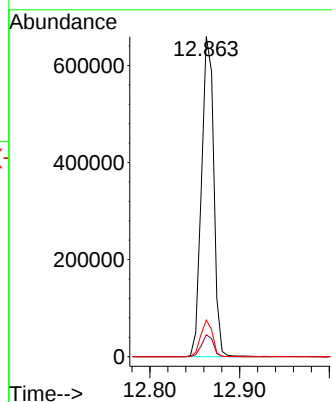
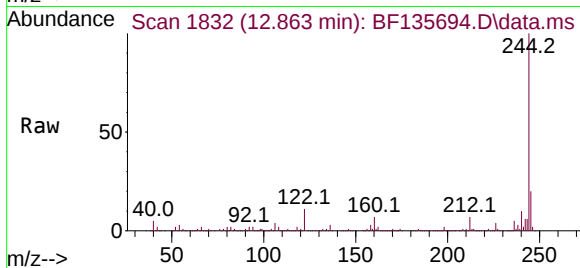
Tgt Ion:244 Resp: 624822

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 56.796 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

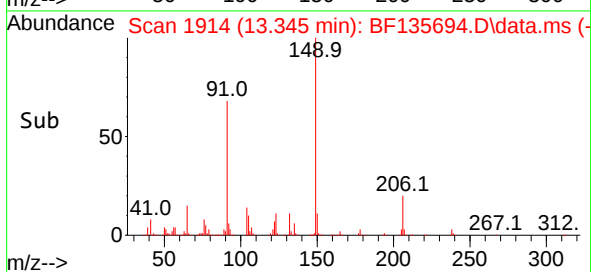
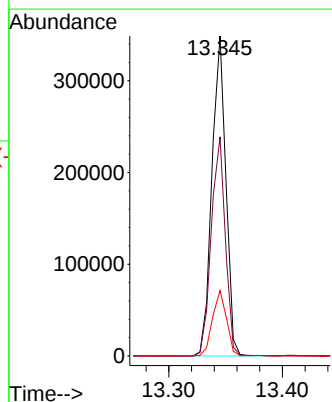
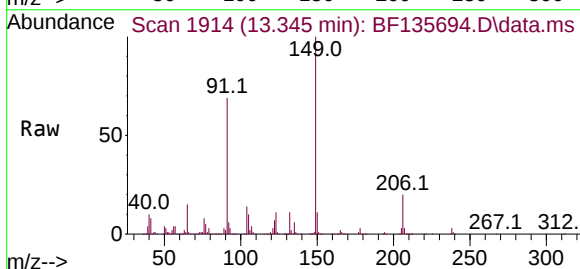
Tgt Ion:149 Resp: 297296

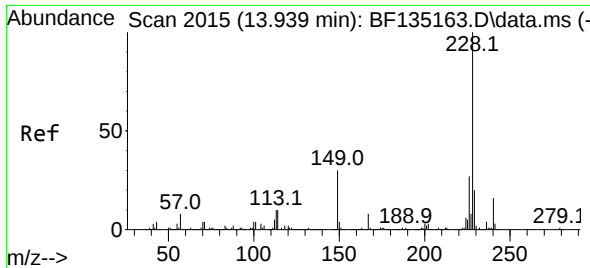
Ion Ratio Lower Upper

149 100

91 68.5 54.7 82.1

206 20.5 16.3 24.5

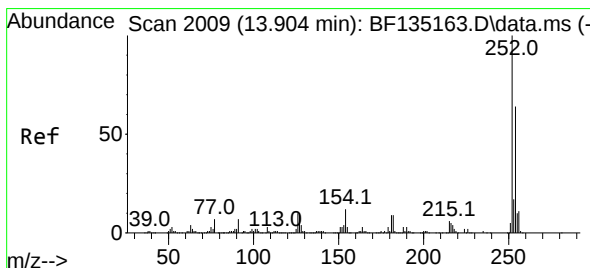
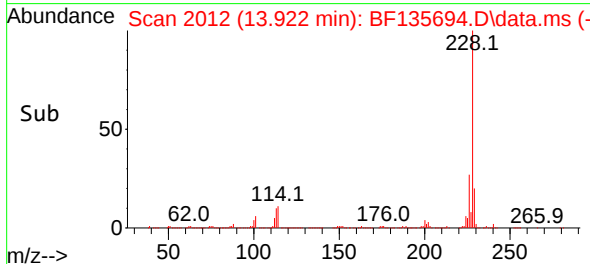
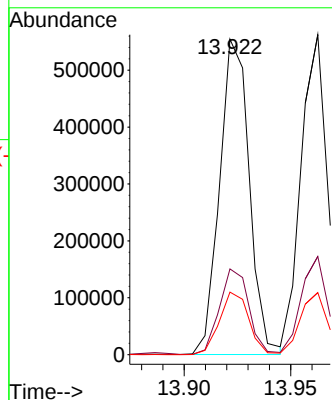
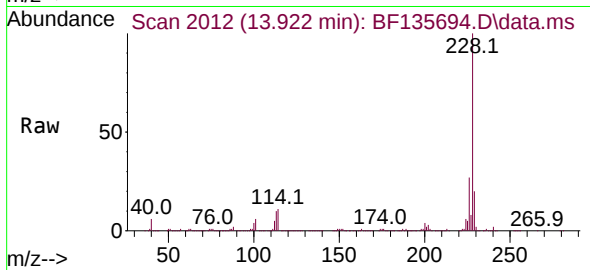




#81  
Benzo(a)anthracene  
Concen: 53.261 ng  
RT: 13.922 min Scan# 2006  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

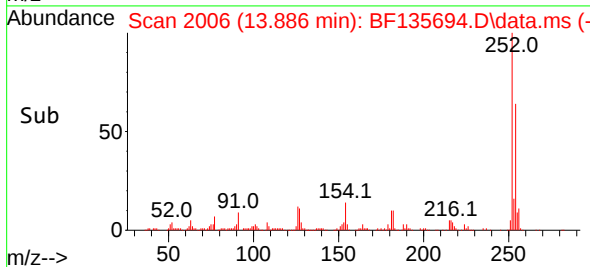
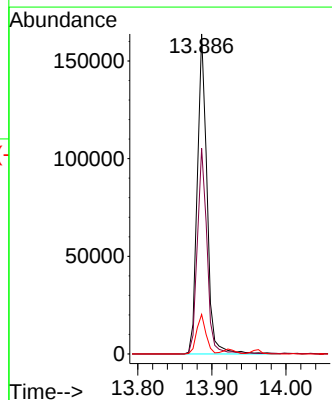
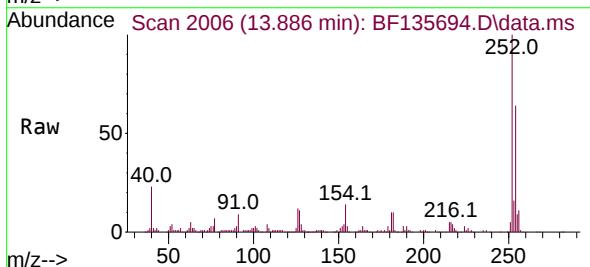
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

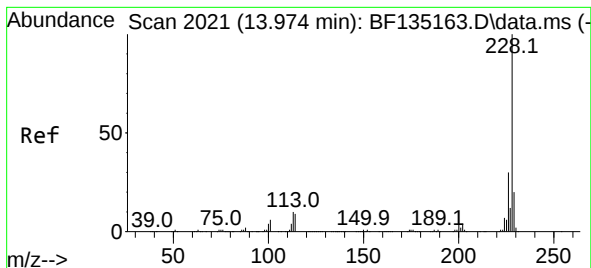
Tgt Ion:228 Resp: 537049  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.8 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 47.172 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:252 Resp: 148571  
Ion Ratio Lower Upper  
252 100  
254 64.3 51.0 76.4  
126 12.3 7.8 11.8#





#83

Chrysene

Concen: 49.436 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

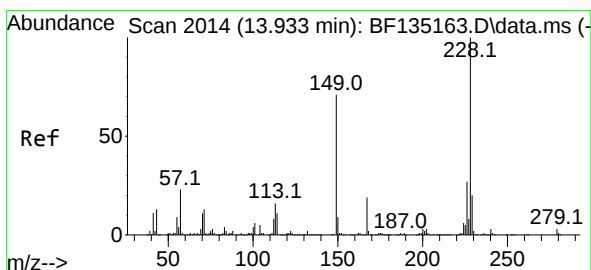
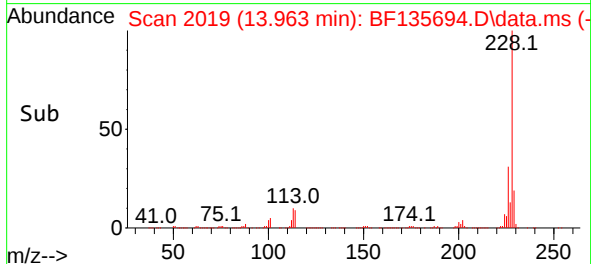
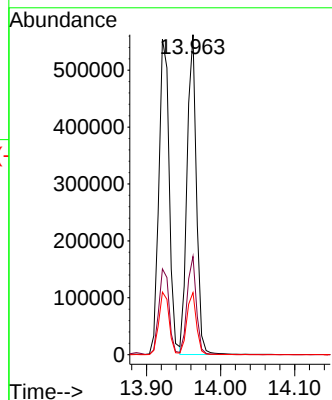
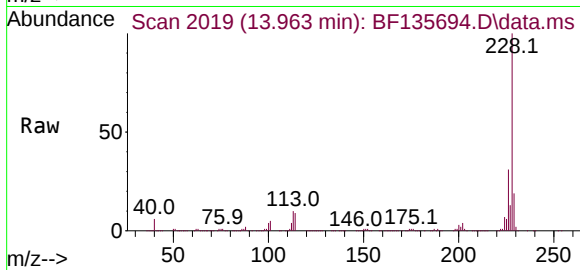
Tgt Ion:228 Resp: 495606

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.840 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

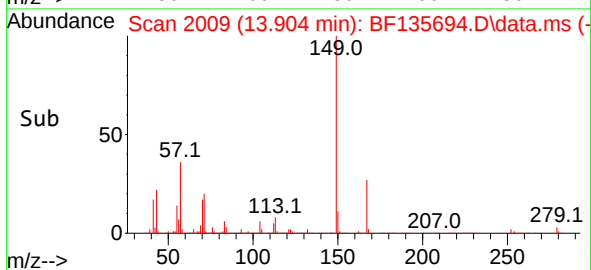
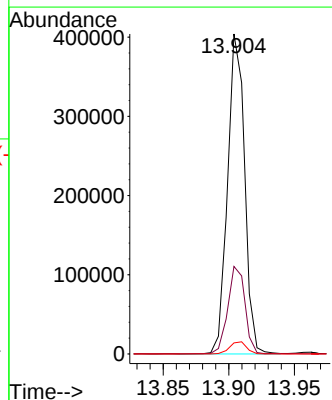
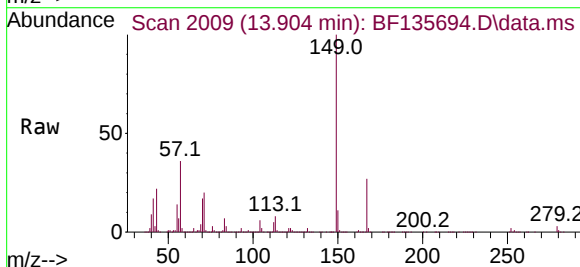
Tgt Ion:149 Resp: 364400

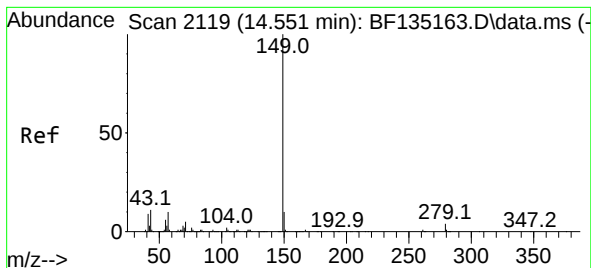
Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 58.663 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

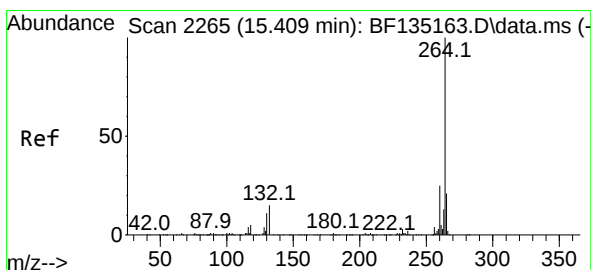
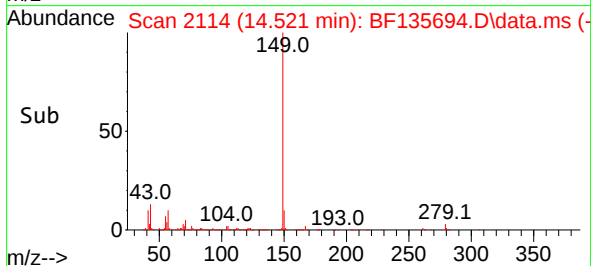
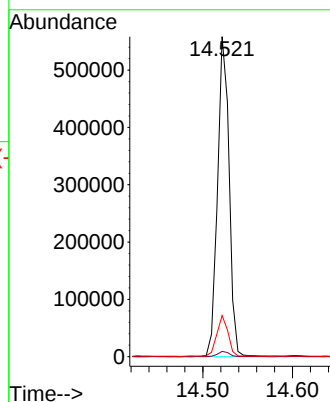
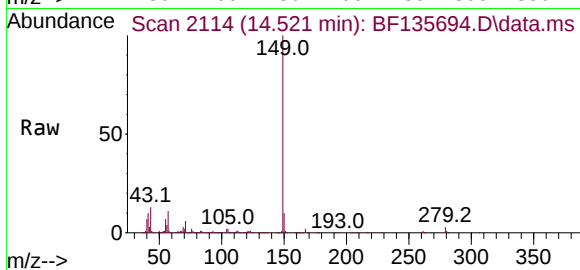
Tgt Ion:149 Resp: 500765

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

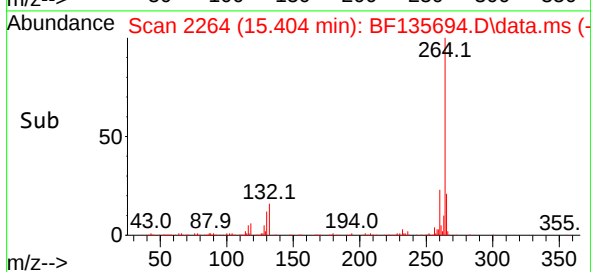
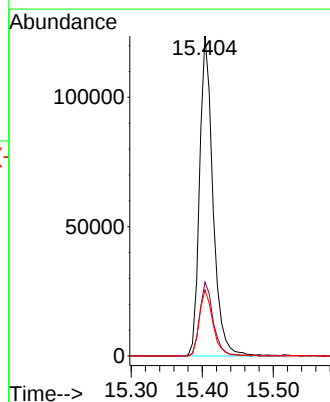
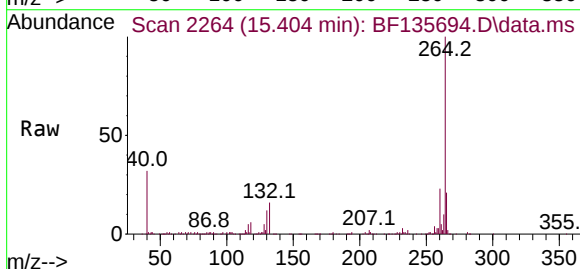
Tgt Ion:264 Resp: 162516

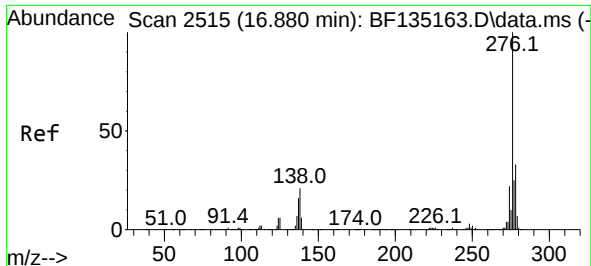
Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 20.6 17.0 25.4

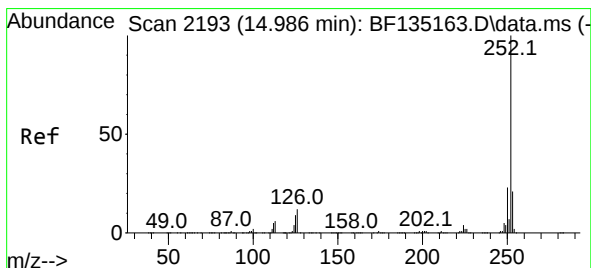
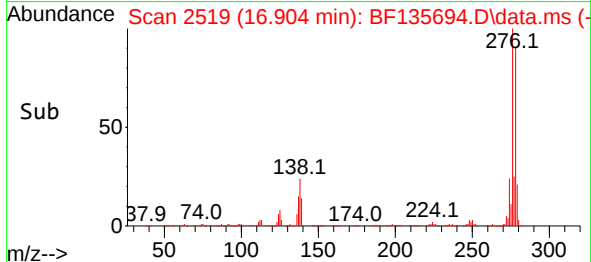
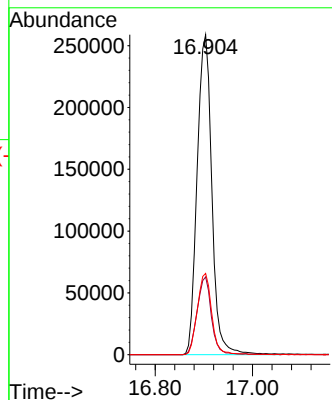
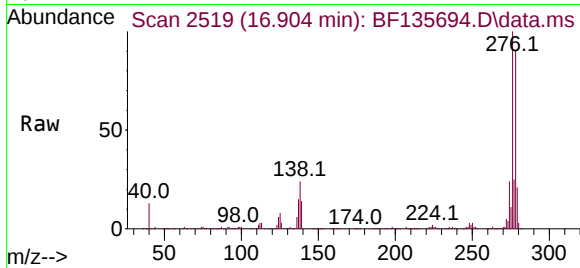




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.081 ng  
RT: 16.904 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

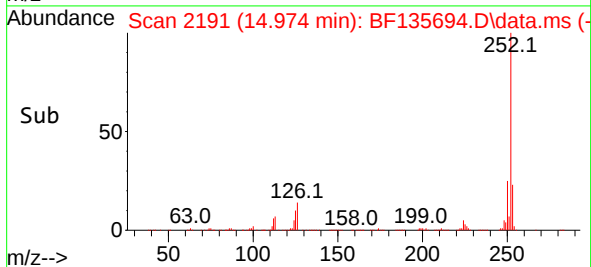
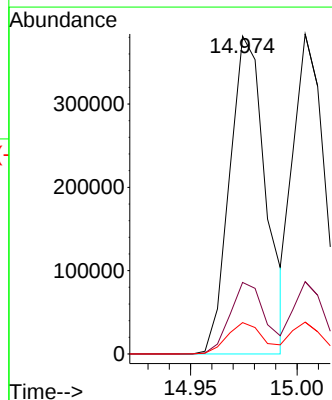
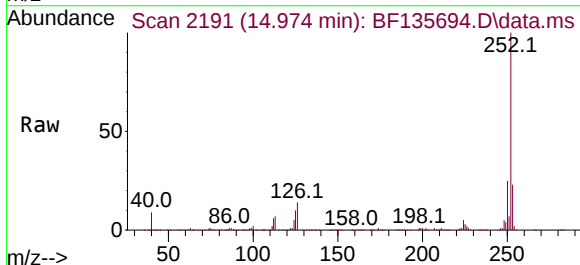
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

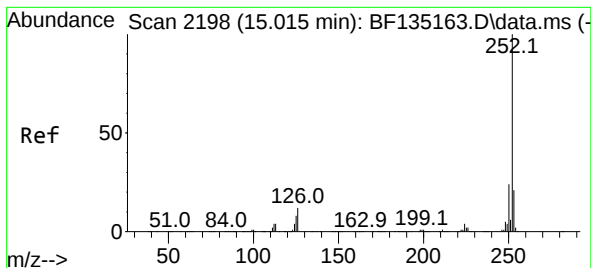
Tgt Ion:276 Resp: 544299  
Ion Ratio Lower Upper  
276 100  
138 23.5 19.2 28.8  
277 24.9 19.7 29.5



#88  
Benzo(b)fluoranthene  
Concen: 51.384 ng  
RT: 14.974 min Scan# 2191  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:252 Resp: 452054  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.2 25.8  
125 9.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.499 ng

RT: 15.004 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA\_F

ClientSampleId :

DTP-2MSD

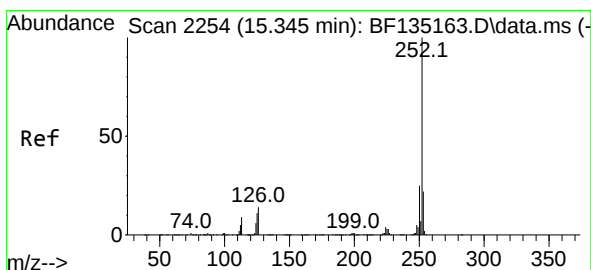
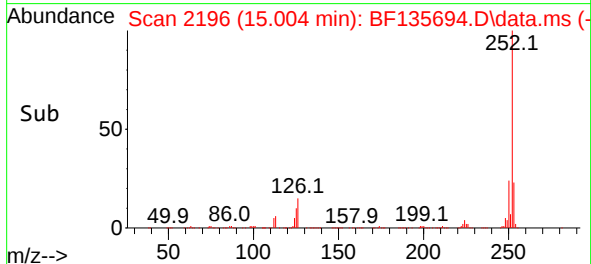
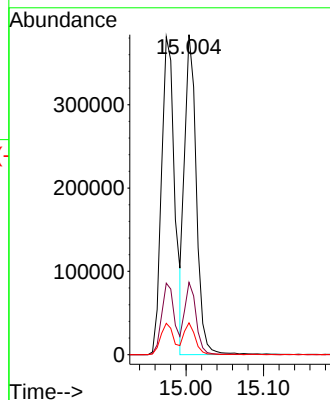
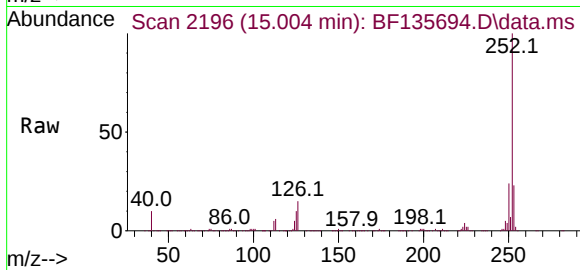
Tgt Ion:252 Resp: 404095

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 9.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.906 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

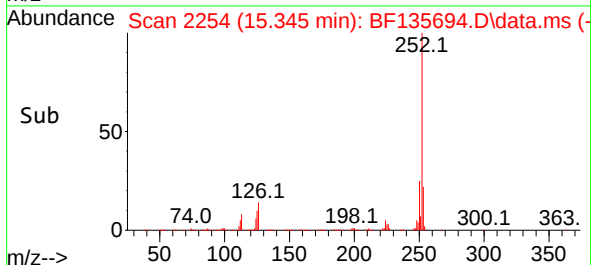
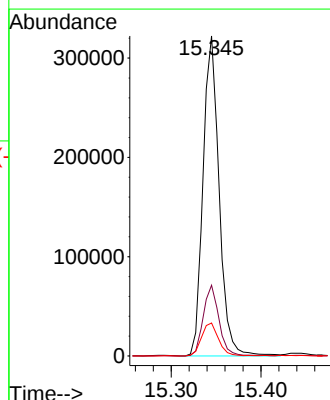
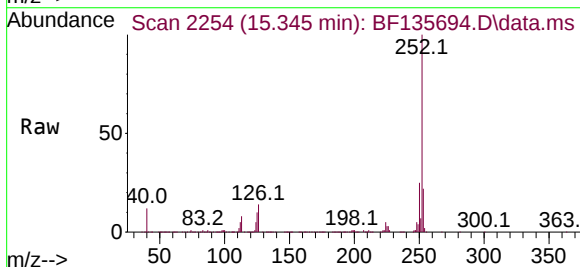
Tgt Ion:252 Resp: 401915

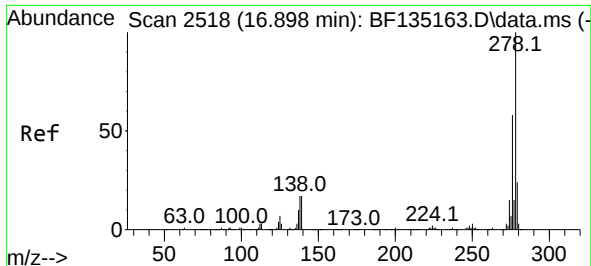
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.3 9.2 13.8

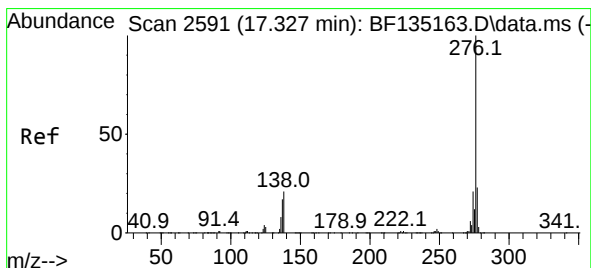
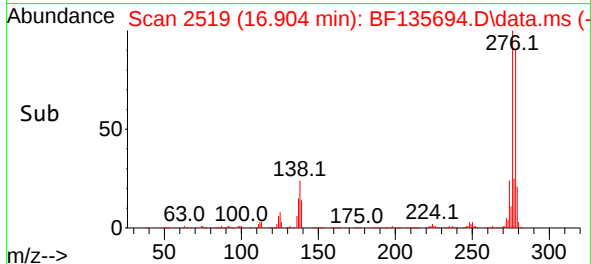
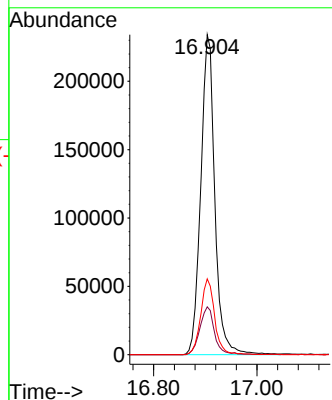
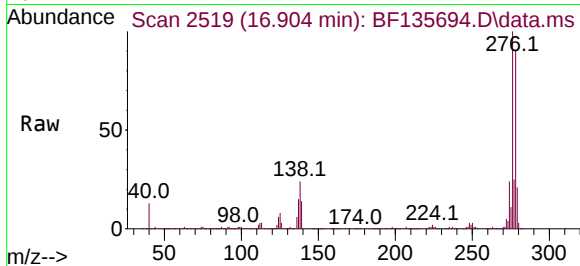




#91  
Dibenzo(a,h)anthracene  
Concen: 50.661 ng  
RT: 16.904 min Scan# 2518  
Delta R.T. -0.006 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MSD

Tgt Ion:278 Resp: 441696  
Ion Ratio Lower Upper  
278 100  
139 15.0 13.4 20.0  
279 23.7 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 49.155 ng  
RT: 17.351 min Scan# 2595  
Delta R.T. 0.000 min  
Lab File: BF135694.D  
Acq: 10 Oct 2023 20:08

Tgt Ion:276 Resp: 447577  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.8 28.2  
138 19.0 16.9 25.3

