

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101023\  
 Data File : BF135693.D  
 Acq On : 10 Oct 2023 19:37  
 Operator : CG\JU  
 Sample : 04731-04MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTP-2MS

Quant Time: Oct 11 03:02:58 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     | 6.739  | 152  | 77692    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 293822   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.774  | 164  | 144329   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.274 | 188  | 278526   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.933 | 240  | 149962   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.404 | 264  | 147201   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 461238   | 96.558 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.392  | 99   | 564341   | 92.911 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 348869   | 64.508 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.574 | 330  | 140489   | 97.951 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 628629   | 65.713 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.868 | 244  | 648352   | 67.022 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.498  | 88   | 118809   | 56.737 | ng    | 99       |
| 3) Pyridine                   | 3.246  | 79   | 263319   | 46.722 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.222  | 42   | 169613   | 56.713 | ng    | 98       |
| 6) Aniline                    | 6.410  | 93   | 304939   | 38.285 | ng    | # 53     |
| 8) 2-Chlorophenol             | 6.534  | 128  | 288519   | 56.581 | ng    | 94       |
| 9) Benzaldehyde               | 6.298  | 77   | 153997   | 44.505 | ng    | 99       |
| 10) Phenol                    | 6.404  | 94   | 344015   | 51.651 | ng    | 79       |
| 11) bis(2-Chloroethyl)ether   | 6.481  | 93   | 274882   | 55.020 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.675  | 146  | 293929   | 56.718 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.757  | 146  | 298025   | 56.524 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.904  | 146  | 277220   | 56.618 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.892  | 79   | 224786   | 51.573 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016  | 45   | 503101   | 53.425 | ng    | 64       |
| 17) 2-Methylphenol            | 7.010  | 107  | 227682   | 50.597 | ng    | # 92     |
| 18) Hexachloroethane          | 7.239  | 117  | 111512   | 57.240 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.157  | 70   | 192208   | 51.089 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.163  | 107  | 285898   | 52.837 | ng    | # 74     |
| 22) Acetophenone              | 7.151  | 105  | 381439   | 56.783 | ng    | 91       |
| 24) Nitrobenzene              | 7.328  | 77   | 296001   | 55.375 | ng    | 98       |
| 25) Isophorone                | 7.563  | 82   | 534972   | 53.870 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.645  | 139  | 150902   | 58.819 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.686  | 122  | 213224   | 49.445 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.775  | 93   | 329770   | 55.480 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.892  | 162  | 230941   | 57.795 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 7.963  | 180  | 238371   | 57.073 | ng    | 99       |
| 31) Naphthalene               | 8.039  | 128  | 797901   | 55.891 | ng    | 99       |
| 32) Benzoic acid              | 7.839  | 122  | 154454   | 47.565 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.098  | 127  | 217735   | 34.763 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.151  | 225  | 143103   | 56.823 | ng    | 98       |
| 35) Caprolactam               | 8.475  | 113  | 48068    | 35.843 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.598  | 107  | 244633   | 55.084 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.733  | 142  | 499783   | 52.081 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.833  | 142  | 480588   | 53.492 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.898  | 216  | 244035   | 58.363 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.880  | 237  | 100369   | 56.833 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 148823   | 54.361 | ng    | 98       |

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.069  | 196  | 159994   | 50.747 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.198  | 154  | 639490   | 57.656 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.222  | 162  | 458737   | 57.004 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.333  | 65   | 179992   | 57.571 | ng    | 96       |
| 49) Acenaphthylene            | 9.639  | 152  | 769971   | 57.571 | ng    | 99       |
| 50) Dimethylphthalate         | 9.504  | 163  | 529560   | 54.269 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.580  | 165  | 117572   | 55.000 | ng    | # 82     |
| 52) Acenaphthene              | 9.810  | 154  | 445016   | 56.325 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.751  | 138  | 106010   | 42.247 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.874  | 184  | 107858   | 88.185 | ng    | 95       |
| 55) Dibenzofuran              | 9.986  | 168  | 653953   | 54.240 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 129819   | 81.403 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 9.992  | 165  | 148670   | 55.553 | ng    | 96       |
| 58) Fluorene                  | 10.333 | 166  | 531565   | 57.351 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.116 | 232  | 128897   | 53.148 | ng    | 97       |
| 60) Diethylphthalate          | 10.210 | 149  | 538283   | 54.965 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204  | 247393   | 55.565 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.374 | 138  | 129578   | 53.722 | ng    | 96       |
| 63) Azobenzene                | 10.480 | 77   | 525712   | 54.850 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198  | 77399    | 52.320 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.445 | 169  | 474037   | 56.217 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248  | 152595   | 55.086 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.880 | 284  | 165266   | 58.560 | ng    | 92       |
| 69) Atrazine                  | 10.980 | 200  | 146231   | 64.451 | ng    | 99       |
| 70) Pentachlorophenol         | 11.086 | 266  | 119347   | 70.683 | ng    | 96       |
| 71) Phenanthrene              | 11.298 | 178  | 754361   | 57.265 | ng    | 99       |
| 72) Anthracene                | 11.351 | 178  | 757640   | 55.954 | ng    | 100      |
| 73) Carbazole                 | 11.516 | 167  | 734773   | 59.611 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.839 | 149  | 822167   | 56.605 | ng    | 100      |
| 75) Fluoranthene              | 12.498 | 202  | 799015   | 58.211 | ng    | 98       |
| 77) Benzidine                 | 12.627 | 184  | 227368   | 74.007 | ng    | 98       |
| 78) Pyrene                    | 12.727 | 202  | 812018   | 56.874 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.345 | 149  | 301244   | 59.927 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.921 | 228  | 559114   | 57.739 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.886 | 252  | 155781   | 51.504 | ng    | 99       |
| 83) Chrysene                  | 13.962 | 228  | 523885   | 54.415 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.904 | 149  | 372947   | 72.298 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.521 | 149  | 524896   | 64.029 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.903 | 276  | 545566   | 56.527 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.980 | 252  | 459889   | 57.713 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 405876   | 51.563 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 405636   | 53.380 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.903 | 278  | 448270   | 56.765 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.350 | 276  | 455378   | 55.215 | ng    | 98       |

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

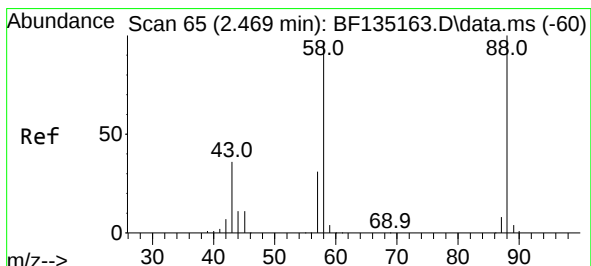
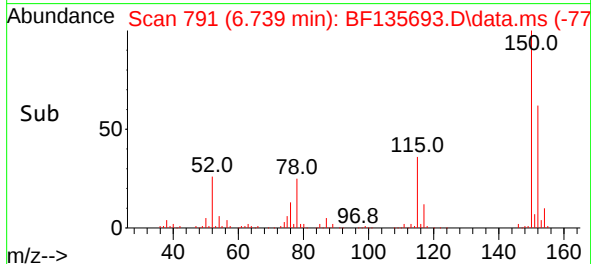
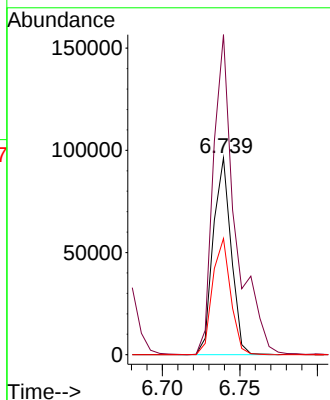
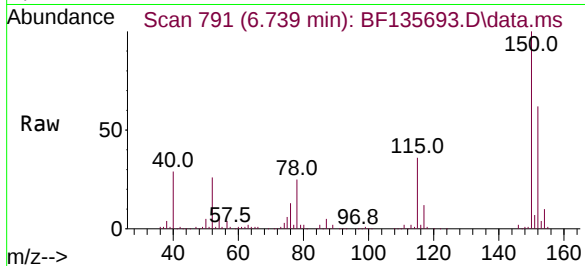




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.739 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

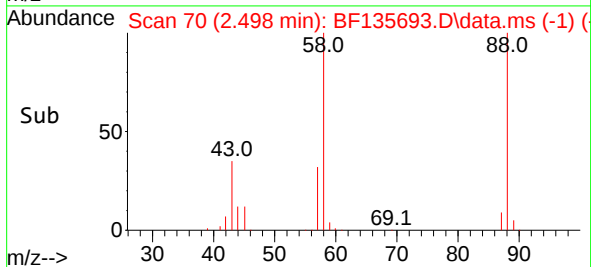
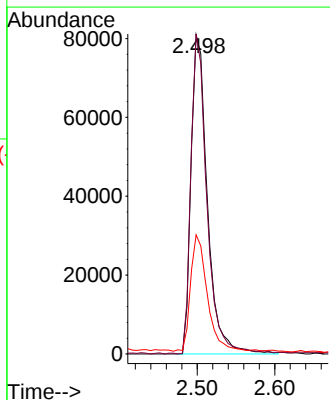
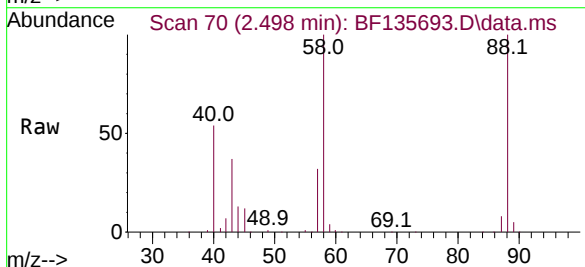
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

Tgt Ion:152 Resp: 77692  
Ion Ratio Lower Upper  
152 100  
150 162.6 127.8 191.6  
115 59.0 49.8 74.8



#2  
1,4-Dioxane  
Concen: 56.737 ng  
RT: 2.498 min Scan# 70  
Delta R.T. 0.071 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion: 88 Resp: 118809  
Ion Ratio Lower Upper  
88 100  
58 98.6 78.3 117.5  
43 37.2 29.4 44.0

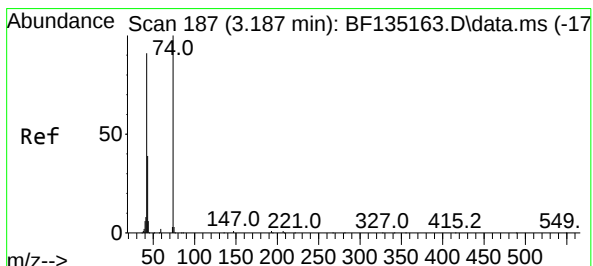
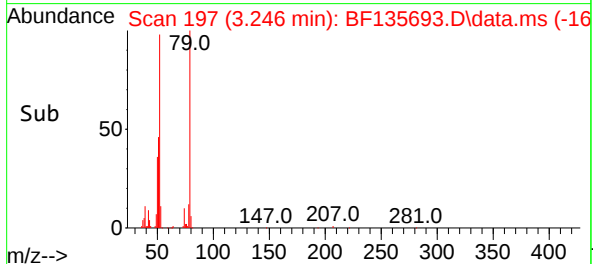
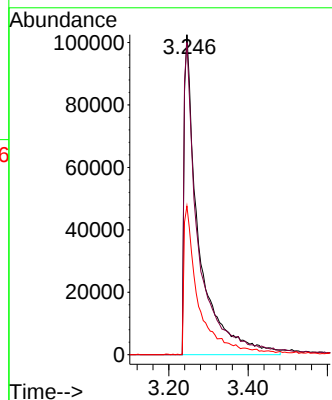
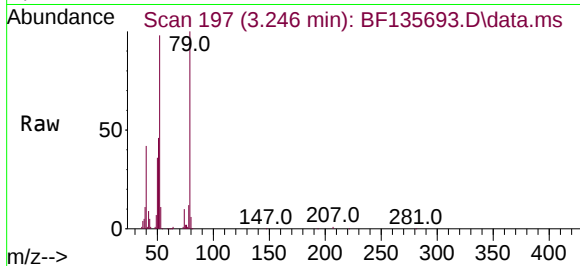




#3  
Pyridine  
Concen: 46.722 ng  
RT: 3.246 min Scan# 192  
Delta R.T. 0.071 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

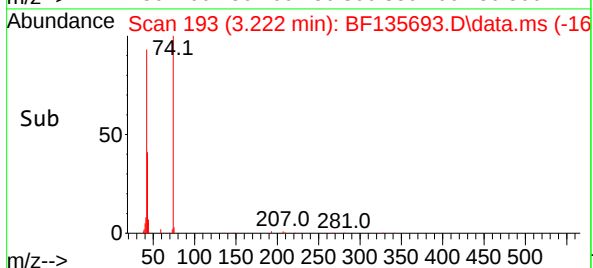
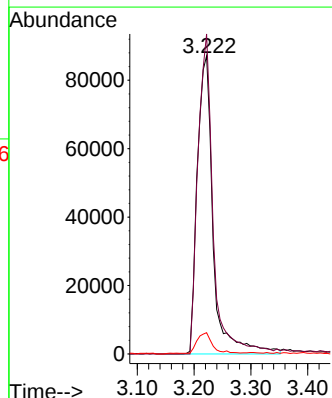
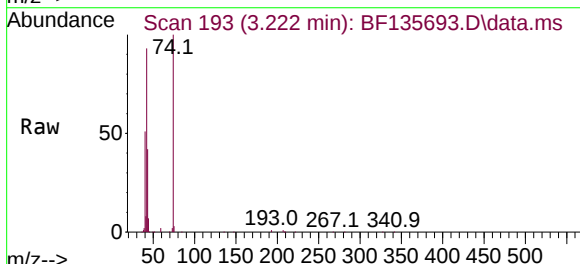
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

Tgt Ion: 79 Resp: 263319  
Ion Ratio Lower Upper  
79 100  
52 97.5 74.1 111.1  
51 46.4 35.8 53.8



#4  
n-Nitrosodimethylamine  
Concen: 56.713 ng  
RT: 3.222 min Scan# 193  
Delta R.T. 0.071 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion: 42 Resp: 169613  
Ion Ratio Lower Upper  
42 100  
74 107.3 87.7 131.5  
44 7.1 5.6 8.4

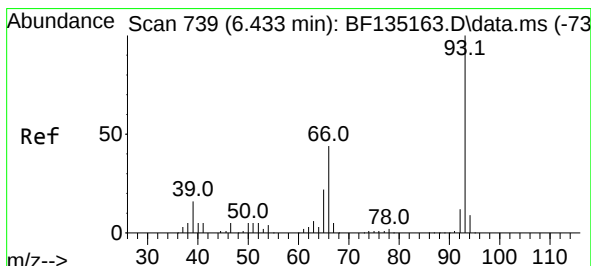
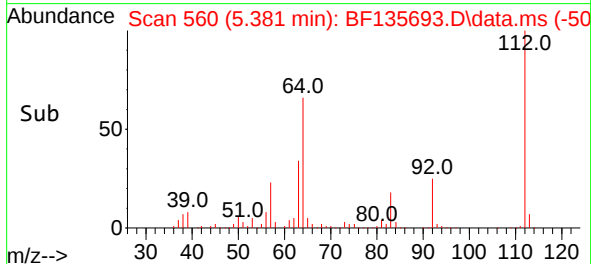
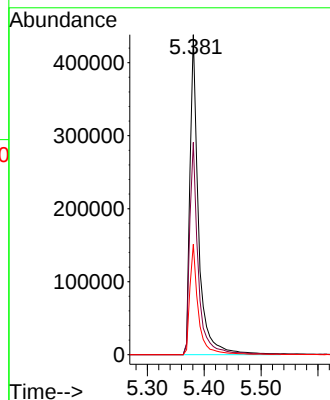
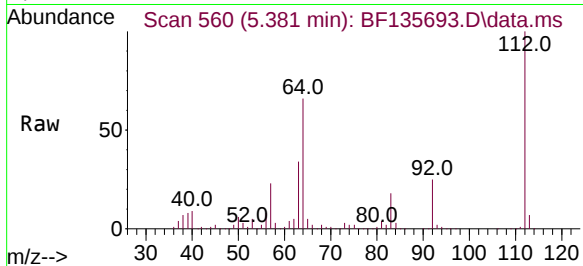




#5  
2-Fluorophenol  
Concen: 96.558 ng  
RT: 5.381 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

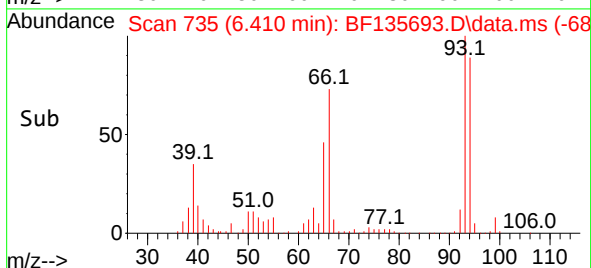
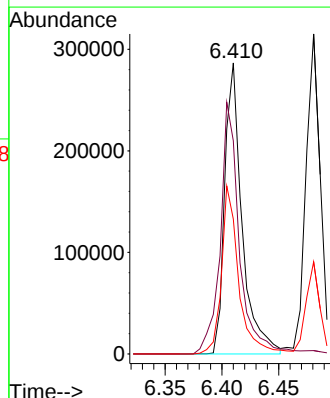
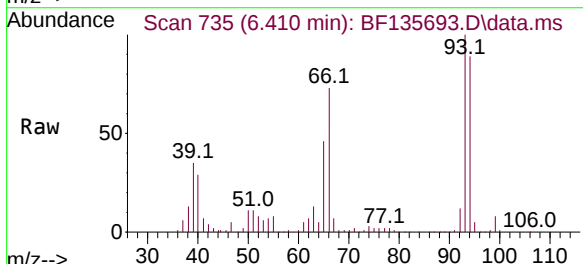
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

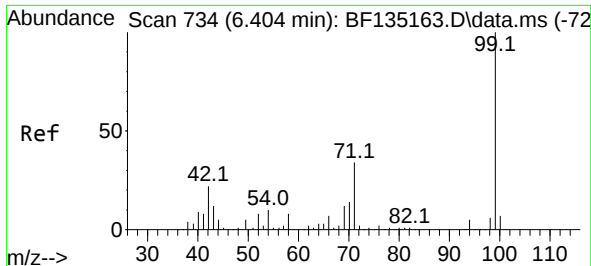
Tgt Ion:112 Resp: 461238  
Ion Ratio Lower Upper  
112 100  
64 66.4 55.9 83.9  
63 34.5 29.0 43.6



#6  
Aniline  
Concen: 38.285 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion: 93 Resp: 304939  
Ion Ratio Lower Upper  
93 100  
66 73.2 35.4 53.0#  
65 46.3 17.8 26.8#

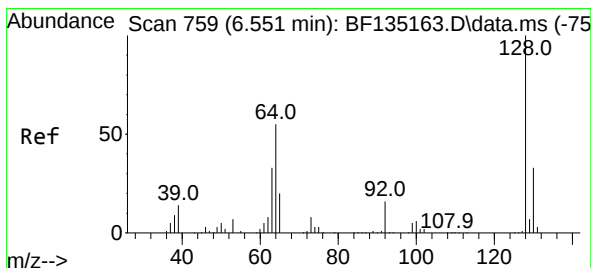
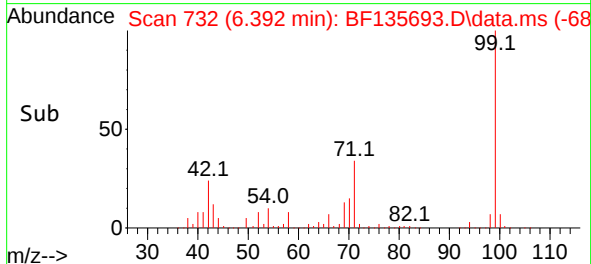
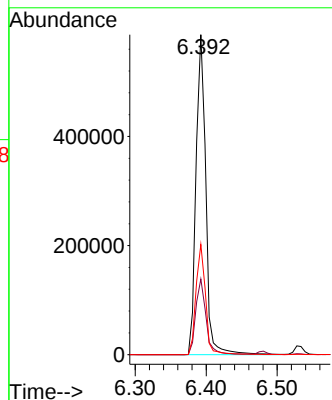
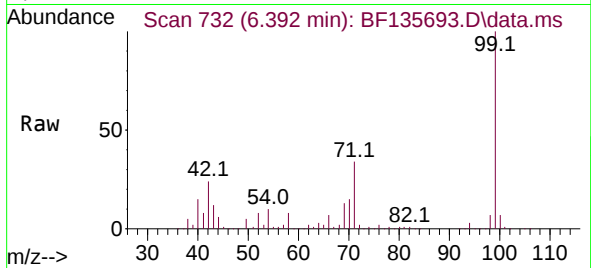




#7  
Phenol-d6  
Concen: 92.911 ng  
RT: 6.392 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

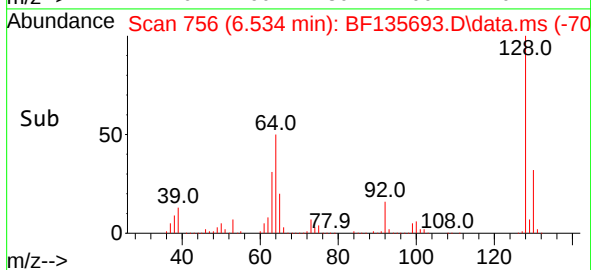
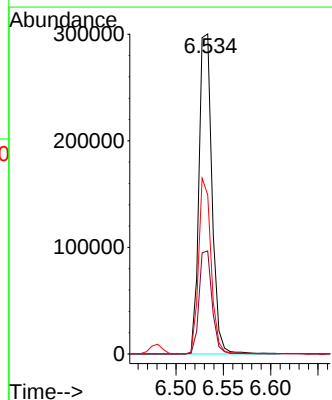
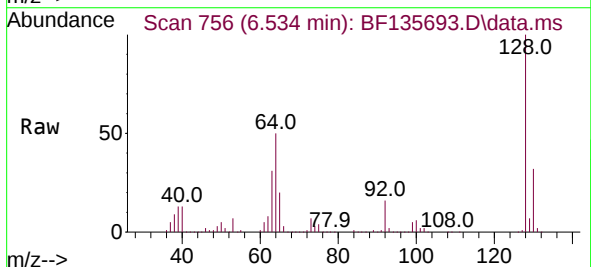
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 564341  
Ion Ratio Lower Upper  
99 100  
42 23.7 17.9 26.9  
71 34.5 27.0 40.6



#8  
2-Chlorophenol  
Concen: 56.581 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion: 128 Resp: 288519  
Ion Ratio Lower Upper  
128 100  
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64 49.8 35.9 75.9

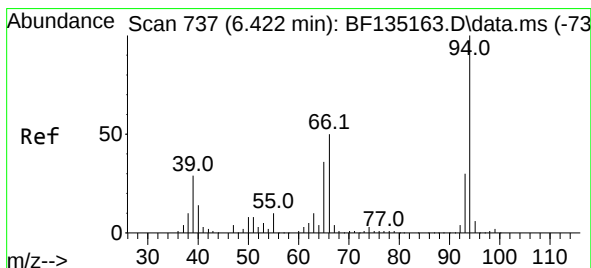
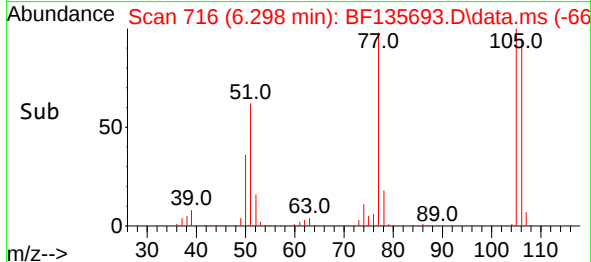
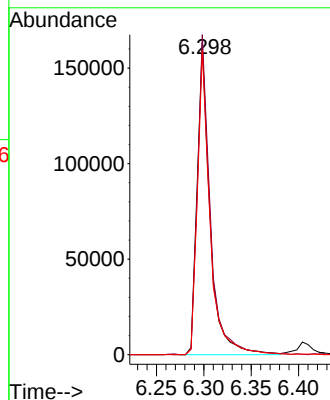
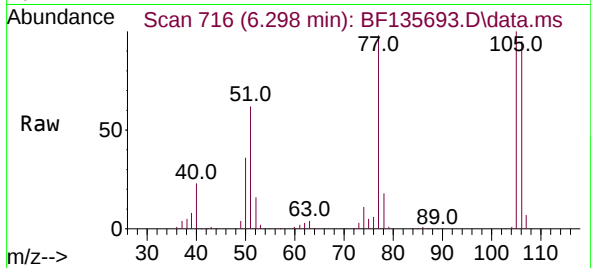




#9  
Benzaldehyde  
Concen: 44.505 ng  
RT: 6.298 min Scan# 716  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
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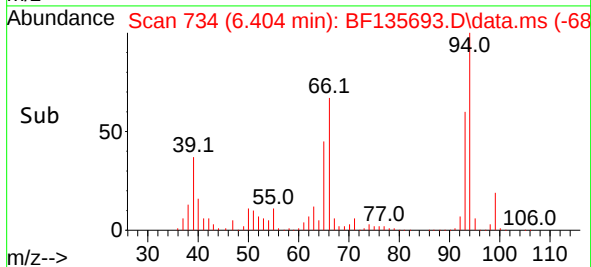
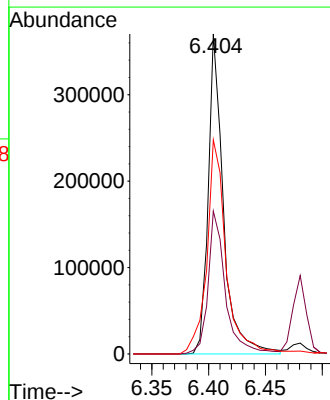
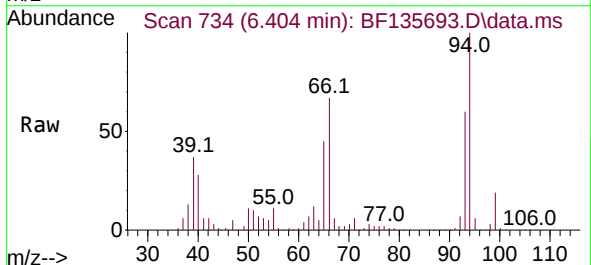
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

Tgt Ion: 77 Resp: 153997  
Ion Ratio Lower Upper  
77 100  
105 102.5 81.4 121.4  
106 97.5 76.9 116.9



#10  
Phenol  
Concen: 51.651 ng  
RT: 6.404 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion: 94 Resp: 344015  
Ion Ratio Lower Upper  
94 100  
65 44.7 15.9 55.9  
66 66.9 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 55.020 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

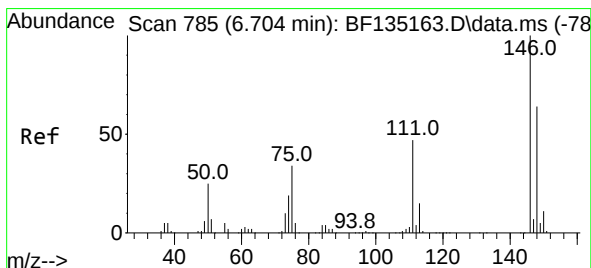
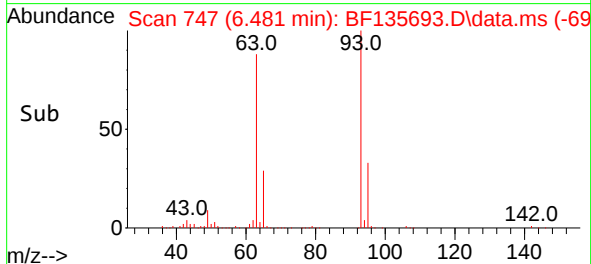
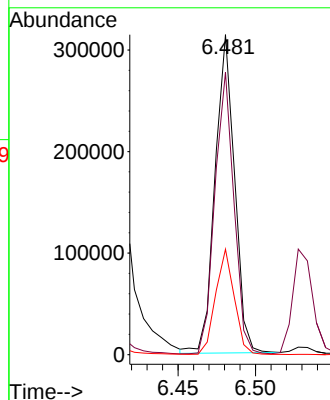
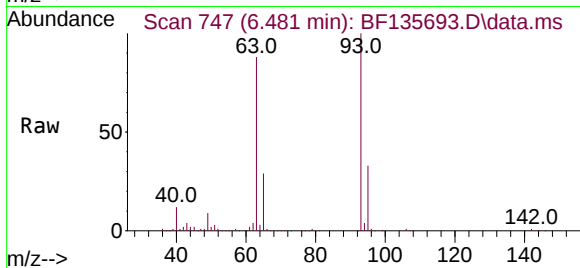
Tgt Ion: 93 Resp: 274882

Ion Ratio Lower Upper

93 100

63 88.3 67.3 107.3

95 32.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 56.718 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

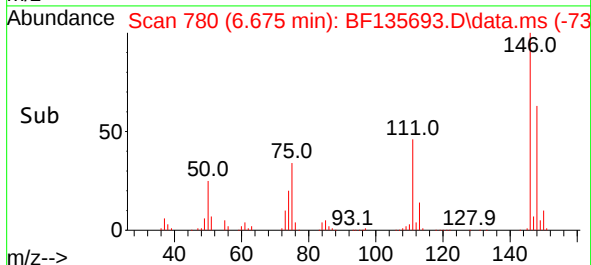
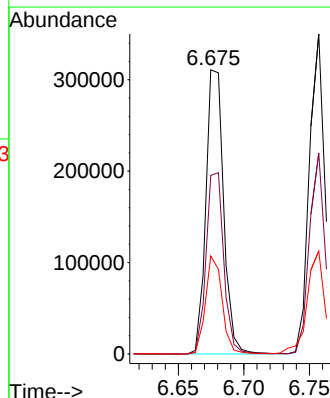
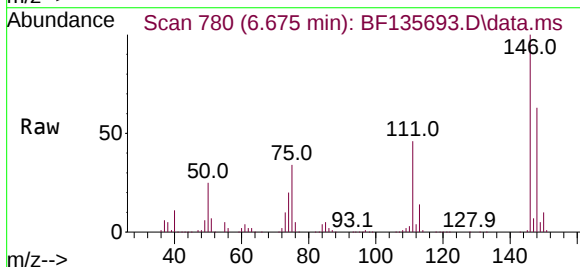
Tgt Ion:146 Resp: 293929

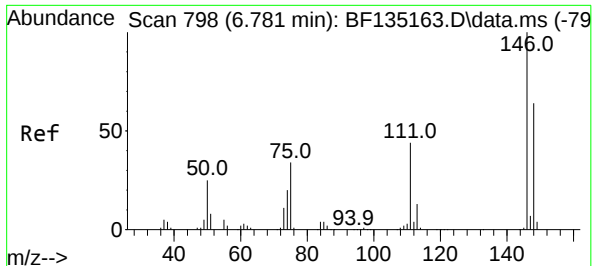
Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

75 34.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 56.524 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

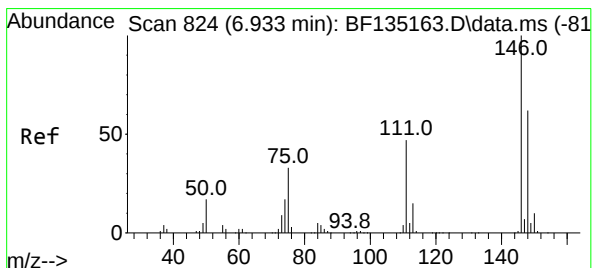
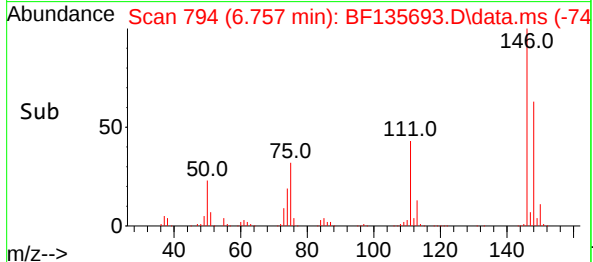
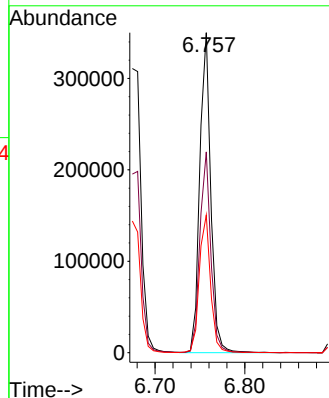
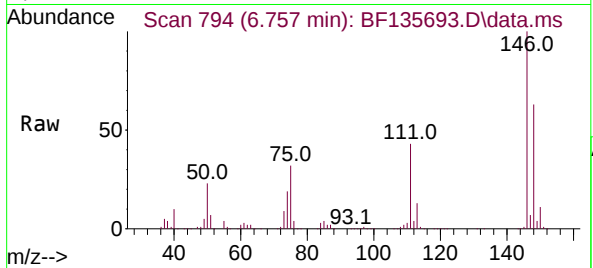
Tgt Ion:146 Resp: 298025

Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

111 43.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 56.618 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

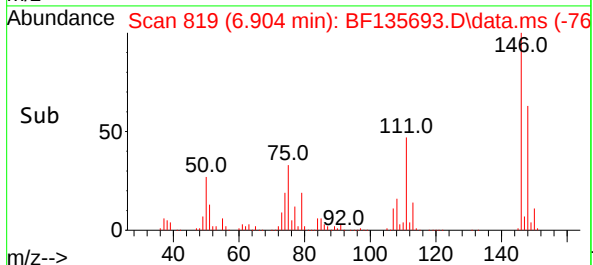
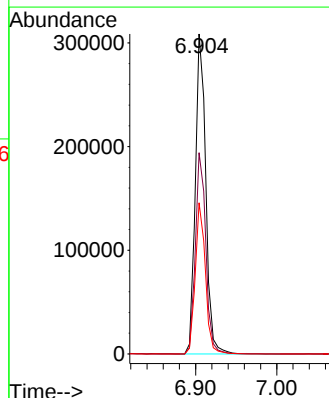
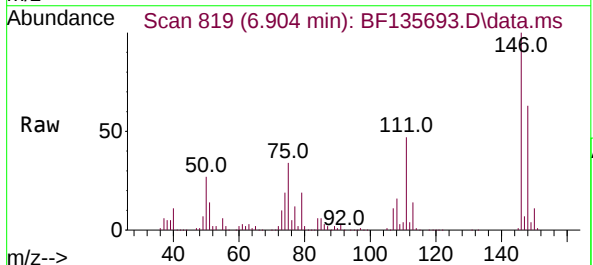
Tgt Ion:146 Resp: 277220

Ion Ratio Lower Upper

146 100

148 62.9 49.7 74.5

111 47.3 37.4 56.2

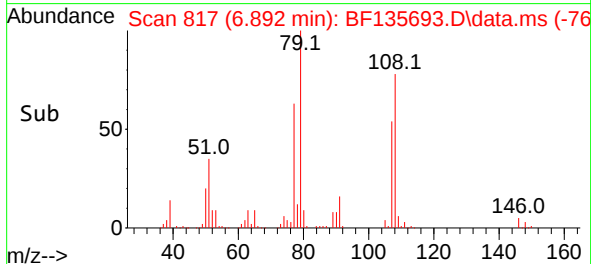
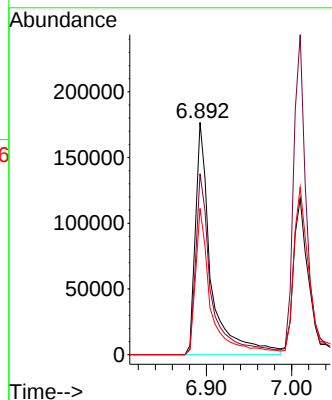
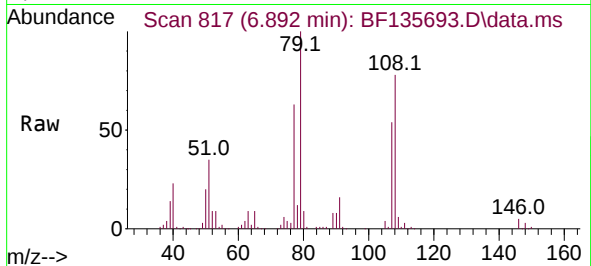




#15  
Benzyl Alcohol  
Concen: 51.573 ng  
RT: 6.892 min Scan# 817  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

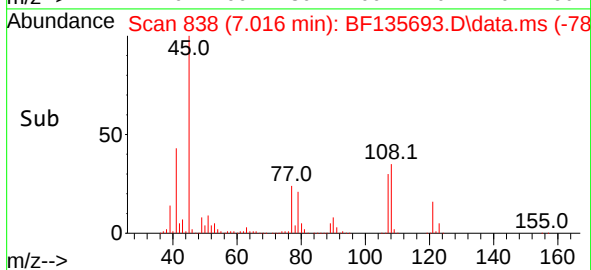
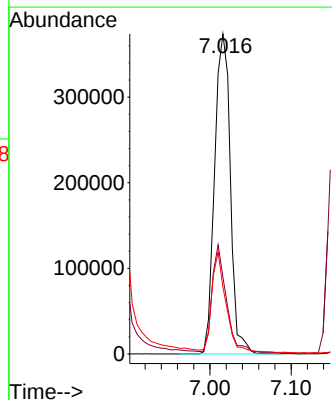
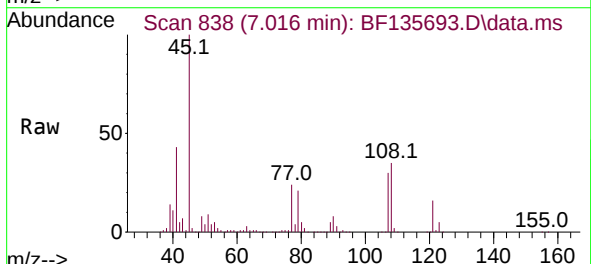
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

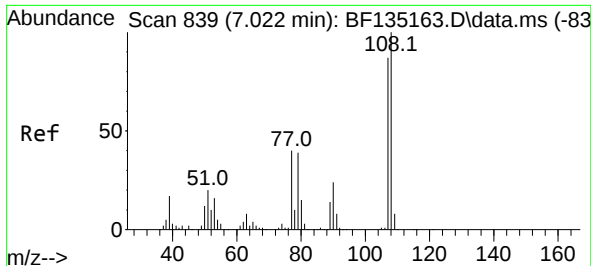
Tgt Ion: 79 Resp: 224786  
Ion Ratio Lower Upper  
79 100  
108 77.9 61.2 91.8  
77 63.0 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 53.425 ng  
RT: 7.016 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion: 45 Resp: 503101  
Ion Ratio Lower Upper  
45 100  
77 24.0 0.0 30.6  
79 20.9 0.0 28.3

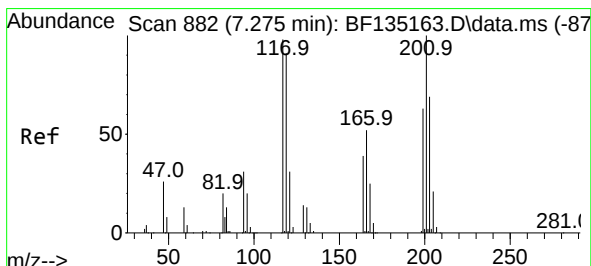
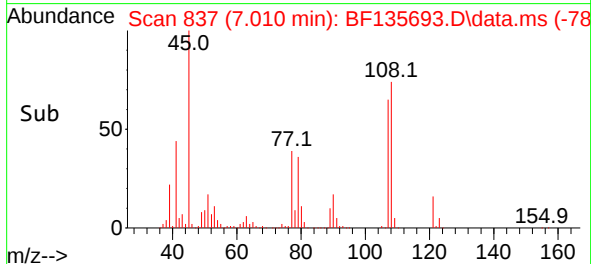
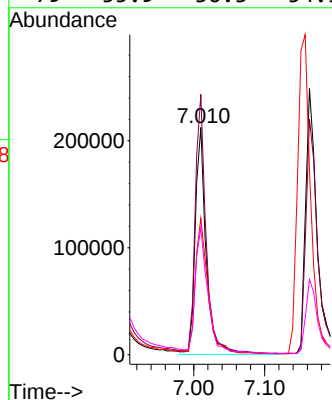
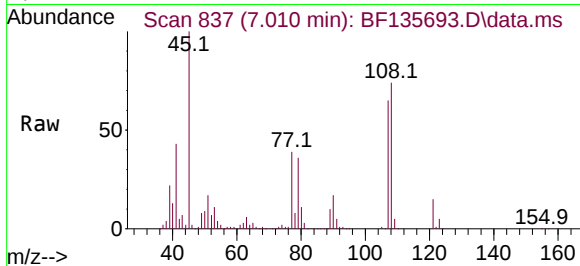




#17  
2-Methylphenol  
Concen: 50.597 ng  
RT: 7.010 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

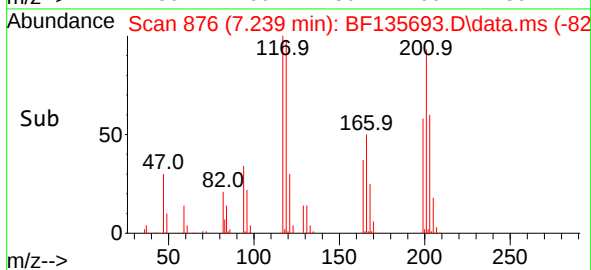
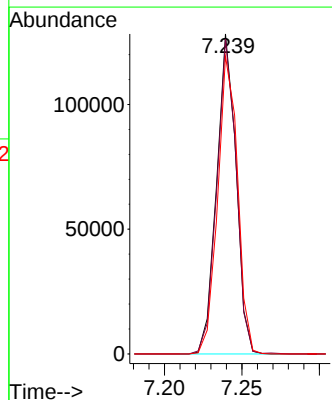
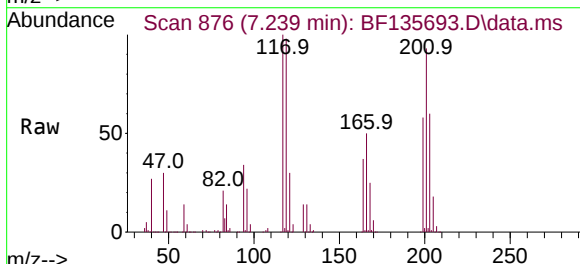
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

Tgt Ion:107 Resp: 227682  
Ion Ratio Lower Upper  
107 100  
108 114.6 92.0 138.0  
77 60.0 36.7 55.1#  
79 55.9 36.3 54.5#



#18  
Hexachloroethane  
Concen: 57.240 ng  
RT: 7.239 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:117 Resp: 111512  
Ion Ratio Lower Upper  
117 100  
119 98.4 74.7 112.1  
201 93.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 51.089 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

Tgt Ion: 70 Resp: 192208

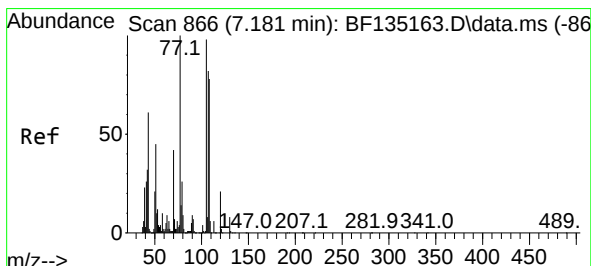
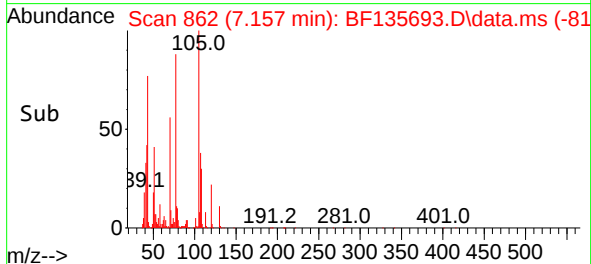
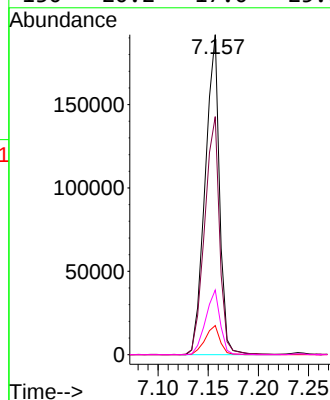
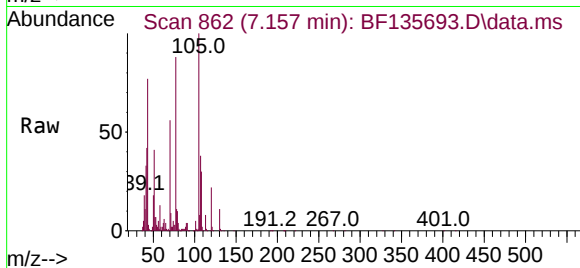
Ion Ratio Lower Upper

70 100

42 74.4 55.4 83.0

101 9.1 7.7 11.5

130 20.2 17.0 25.6



#20

3+4-Methylphenols

Concen: 52.837 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Tgt Ion: 107 Resp: 285898

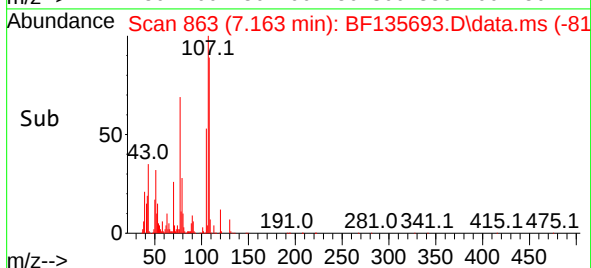
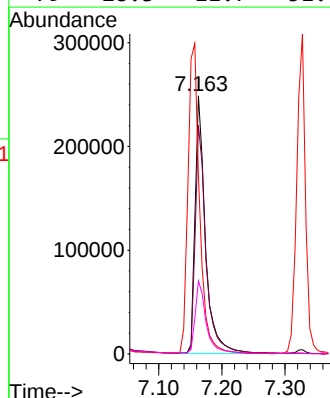
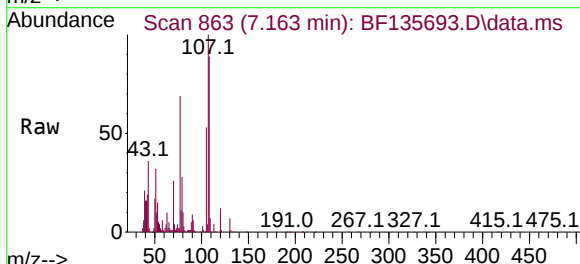
Ion Ratio Lower Upper

107 100

108 88.6 74.7 114.7

77 69.0 102.0 142.0#

79 28.3 11.7 51.7

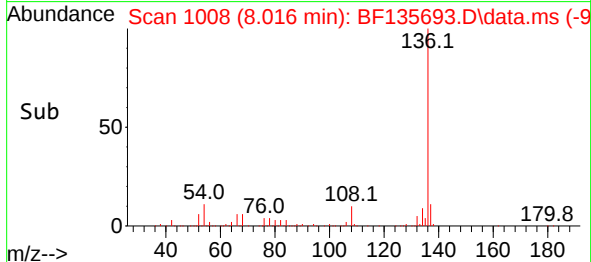
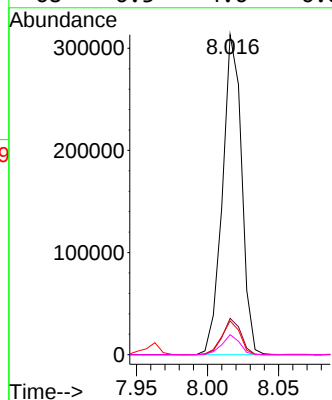
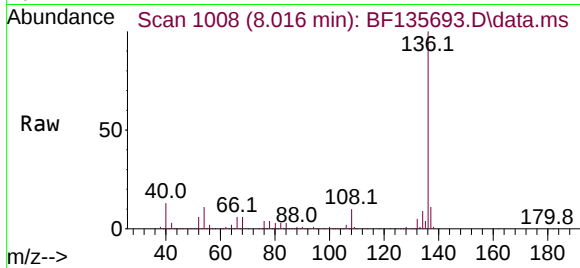




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

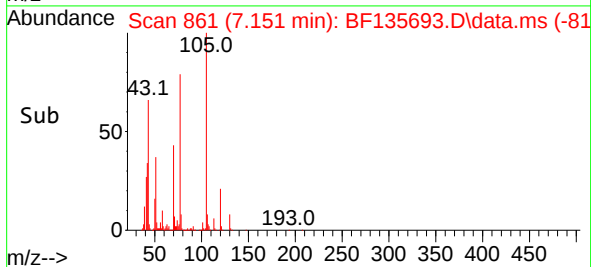
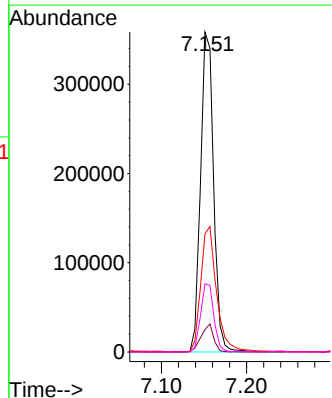
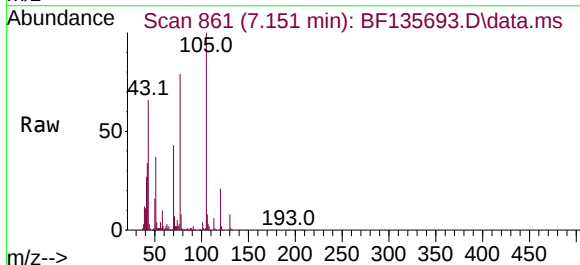
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

|         |       |       |        |
|---------|-------|-------|--------|
| Tgt Ion | 136   | Resp: | 293822 |
|         | Ratio | Lower | Upper  |
| 136     | 100   |       |        |
| 137     | 11.3  | 8.8   | 13.2   |
| 54      | 10.6  | 7.7   | 11.5   |
| 68      | 6.3   | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 56.783 ng  
RT: 7.151 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 381439 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.0     | 5.8   | 8.6    |
| 51  | 37.0    | 37.0  | 55.4   |
| 120 | 21.3    | 17.0  | 25.6   |





#23

Nitrobenzene-d5

Concen: 64.508 ng

RT: 7.304 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

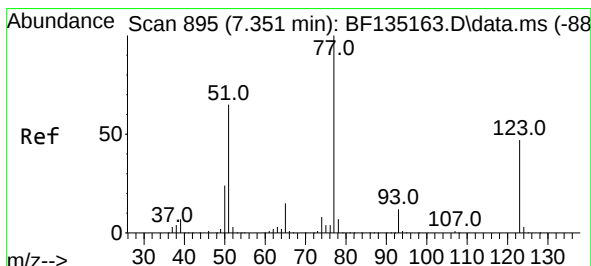
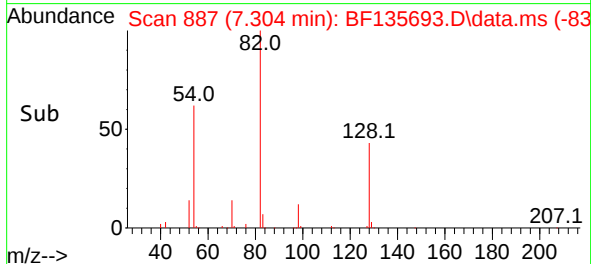
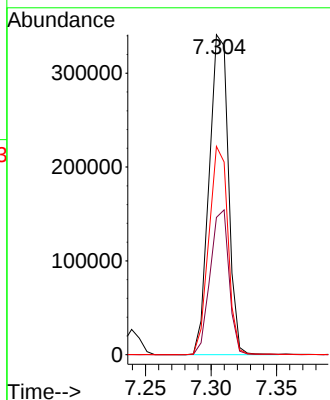
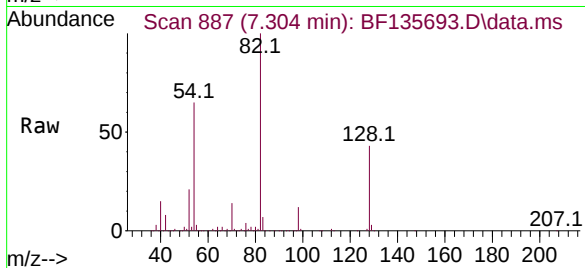
Tgt Ion: 82 Resp: 348869

Ion Ratio Lower Upper

82 100

128 42.9 35.8 53.6

54 65.1 50.6 76.0



#24

Nitrobenzene

Concen: 55.375 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

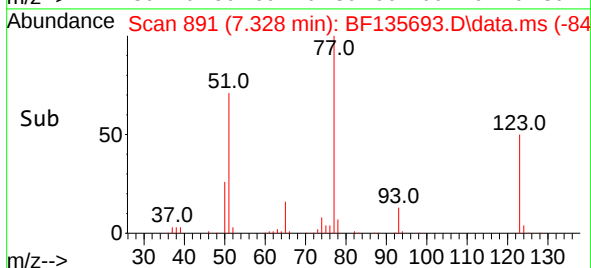
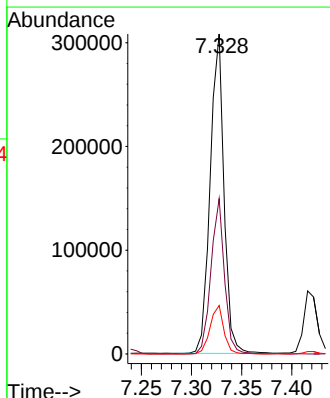
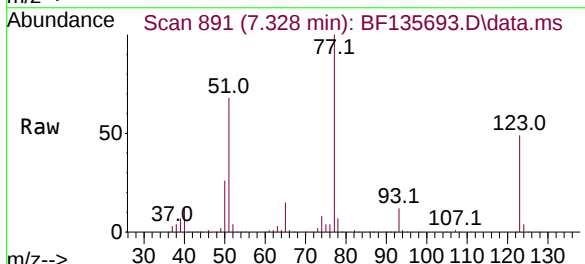
Tgt Ion: 77 Resp: 296001

Ion Ratio Lower Upper

77 100

123 48.5 37.6 56.4

65 15.2 12.2 18.4

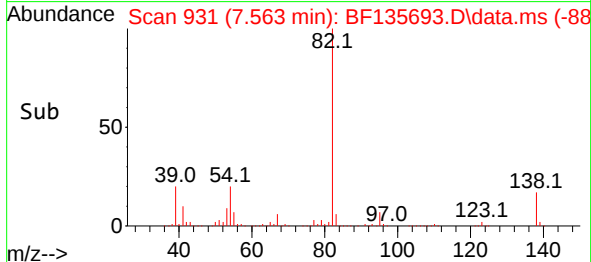
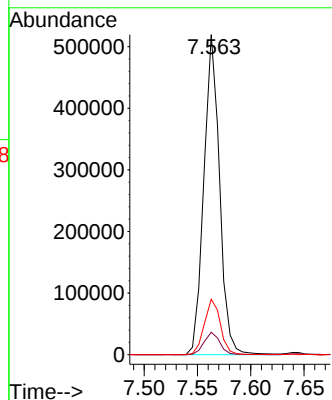
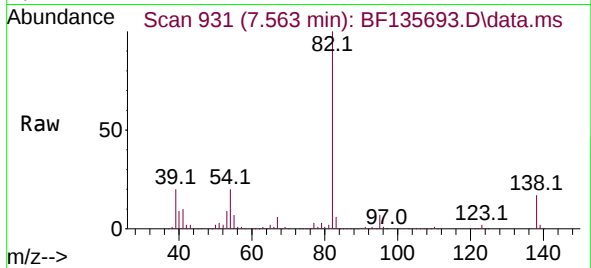




#25  
Isophorone  
Concen: 53.870 ng  
RT: 7.563 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

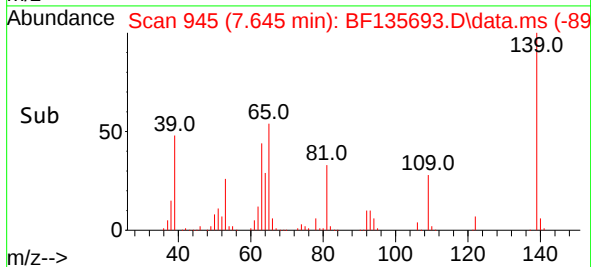
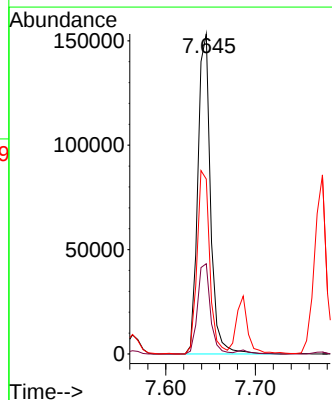
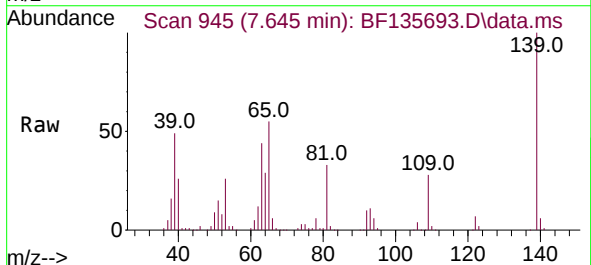
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

Tgt Ion: 82 Resp: 534972  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.0 9.0  
138 17.4 14.5 21.7



#26  
2-Nitrophenol  
Concen: 58.819 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:139 Resp: 150902  
Ion Ratio Lower Upper  
139 100  
109 28.2 22.6 33.8  
65 54.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.445 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

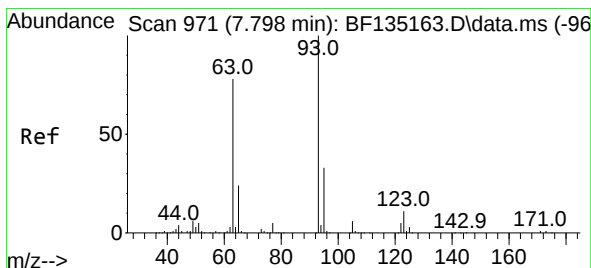
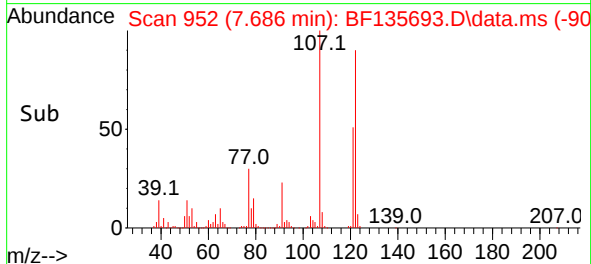
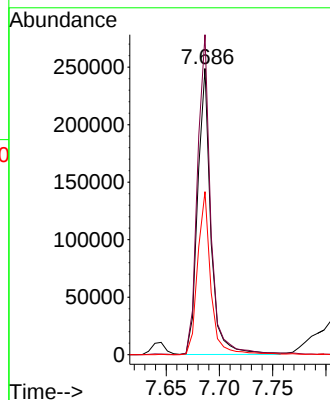
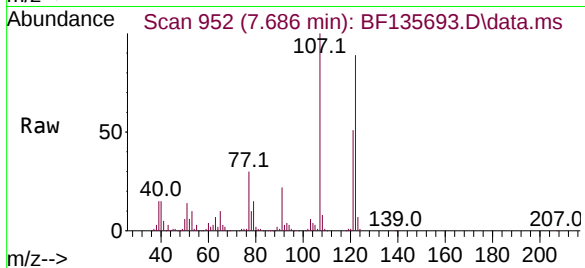
Tgt Ion:122 Resp: 213224

Ion Ratio Lower Upper

122 100

107 111.8 90.2 135.4

121 57.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 55.480 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

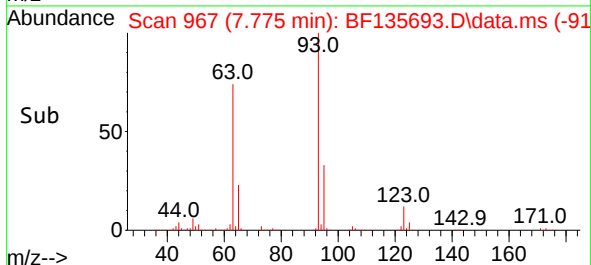
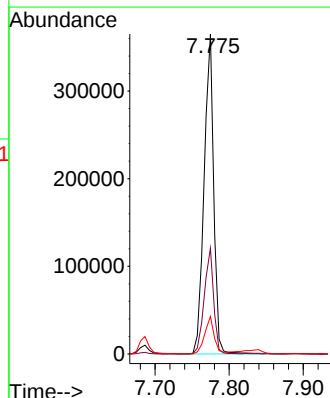
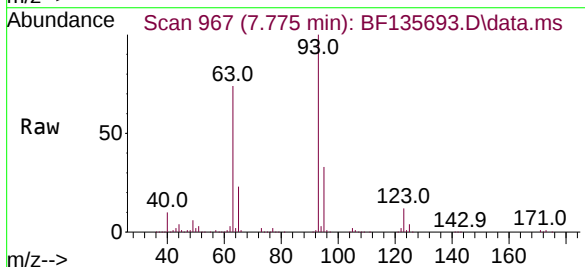
Tgt Ion: 93 Resp: 329770

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

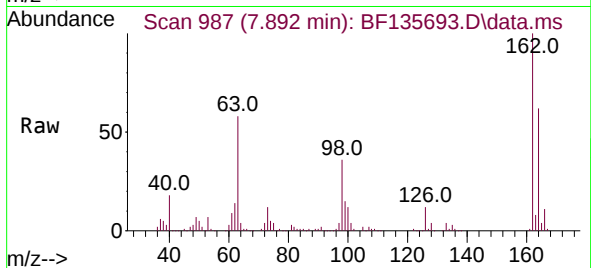
123 11.8 8.8 13.2



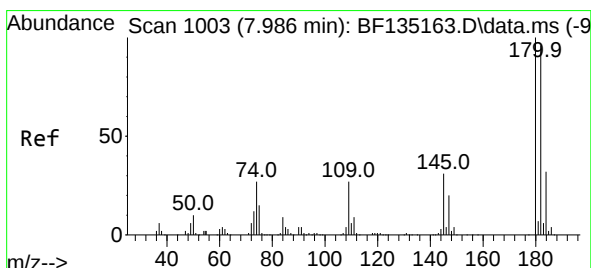
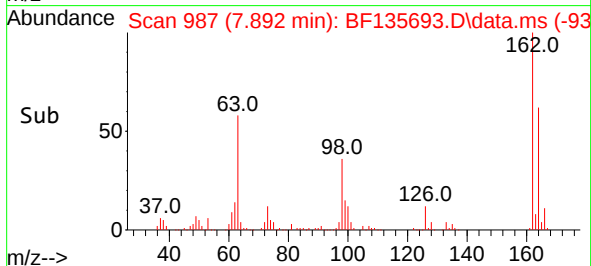
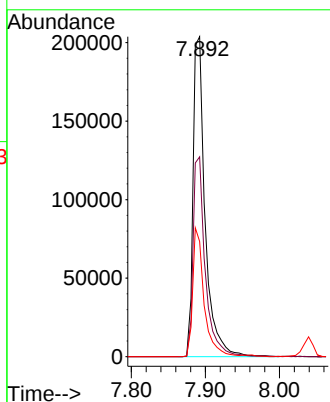


#29  
2,4-Dichlorophenol  
Concen: 57.795 ng  
RT: 7.892 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

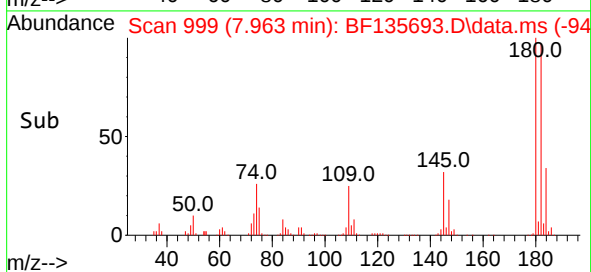
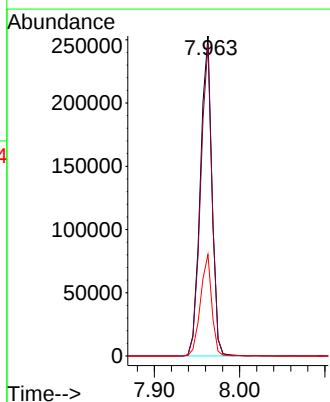
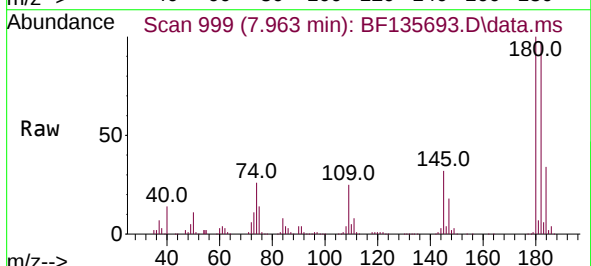


Tgt Ion:162 Resp: 230941  
Ion Ratio Lower Upper  
162 100  
164 62.5 44.1 84.1  
98 36.0 20.3 60.3



#30  
1,2,4-Trichlorobenzene  
Concen: 57.073 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:180 Resp: 238371  
Ion Ratio Lower Upper  
180 100  
182 97.3 76.9 115.3  
145 31.7 24.5 36.7

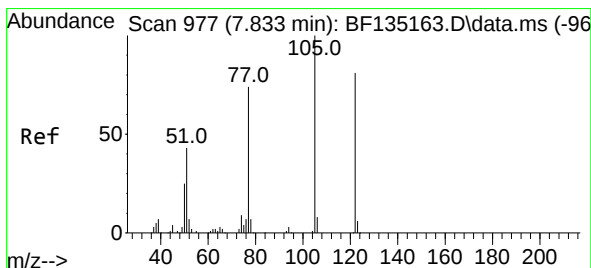
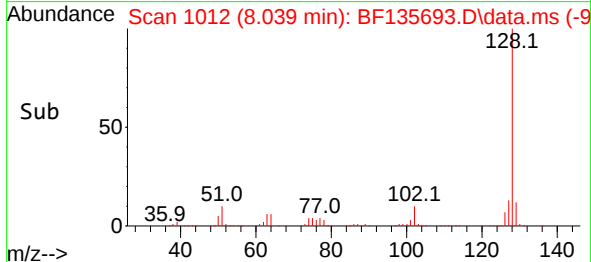
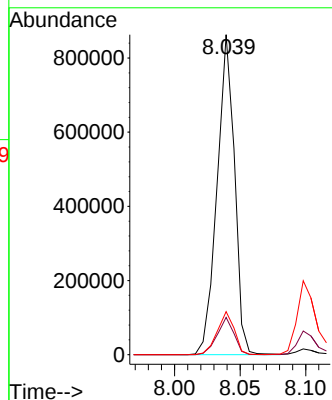
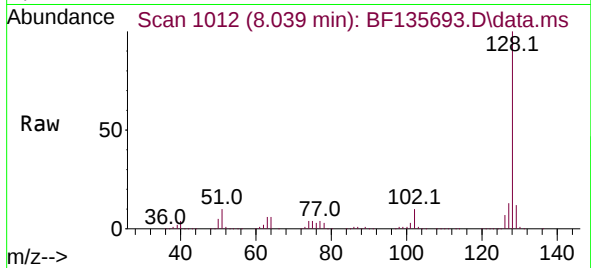




#31  
Naphthalene  
Concen: 55.891 ng  
RT: 8.039 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

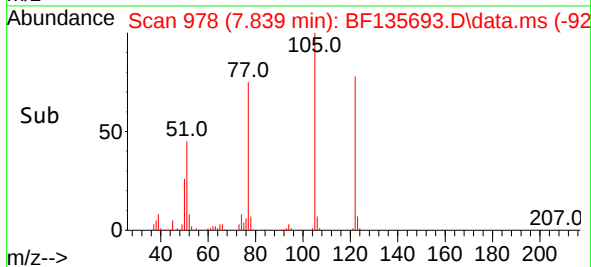
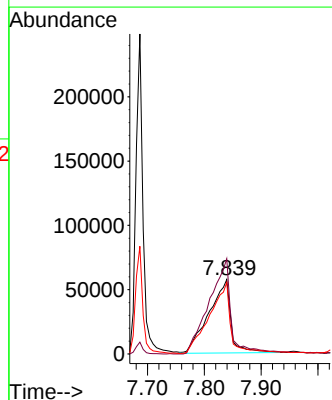
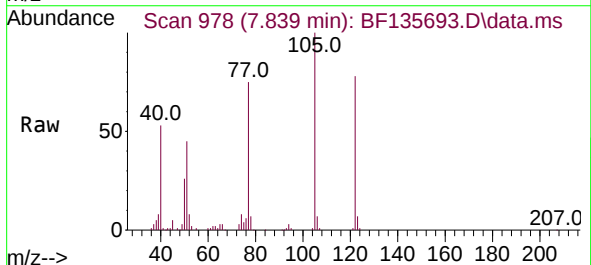
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

Tgt Ion:128 Resp: 797901  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.7 13.1  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 47.565 ng  
RT: 7.839 min Scan# 978  
Delta R.T. 0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:122 Resp: 154454  
Ion Ratio Lower Upper  
122 100  
105 128.1 99.9 139.9  
77 96.3 70.0 110.0

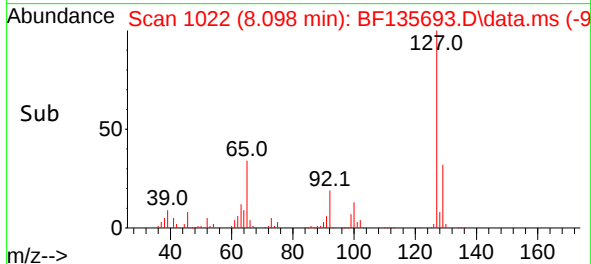
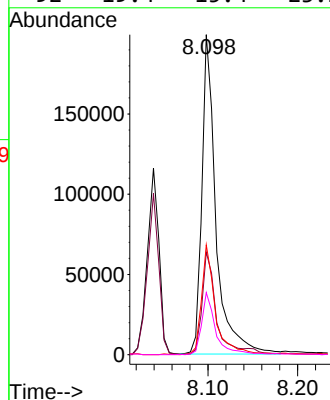
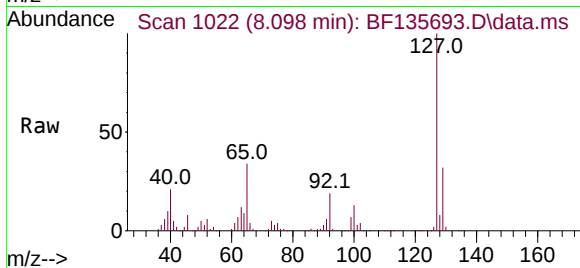




#33  
4-Chloroaniline  
Concen: 34.763 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

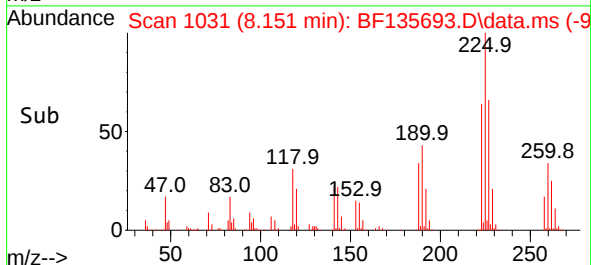
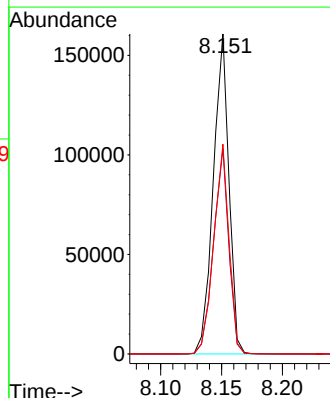
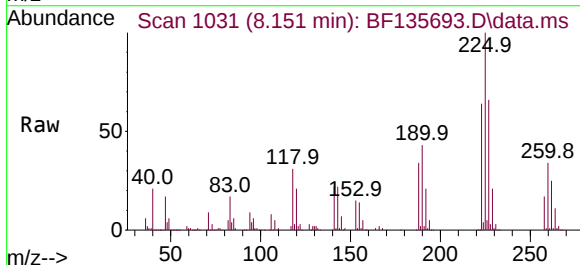
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

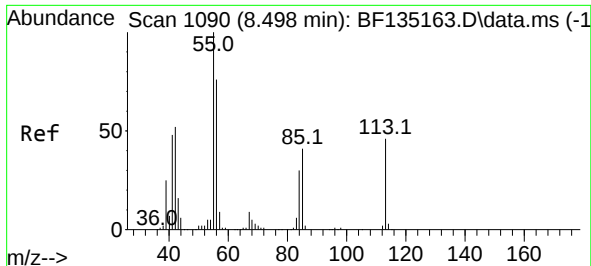
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 217735 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.8  | 38.8   |
| 65       | 34.3  | 26.6  | 39.8   |
| 92       | 19.4  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 56.823 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 143103 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 50.6  | 75.8   |
| 227      | 65.6  | 50.8  | 76.2   |

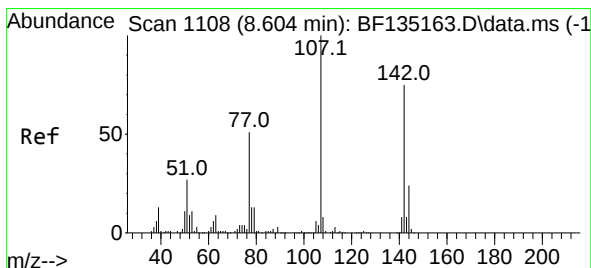
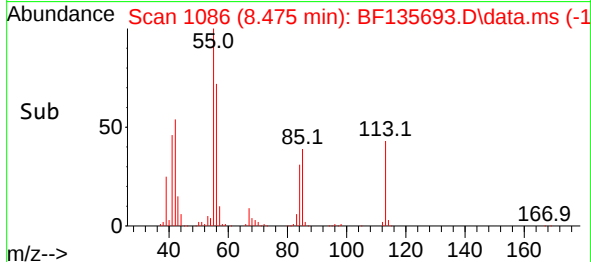
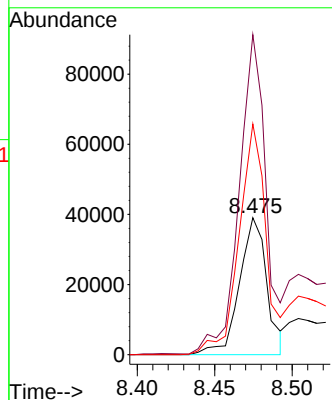
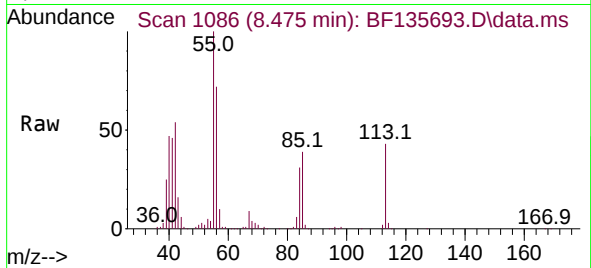




#35  
Caprolactam  
Concen: 35.843 ng  
RT: 8.475 min Scan# 1086  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

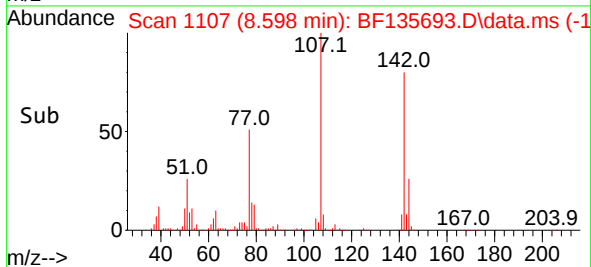
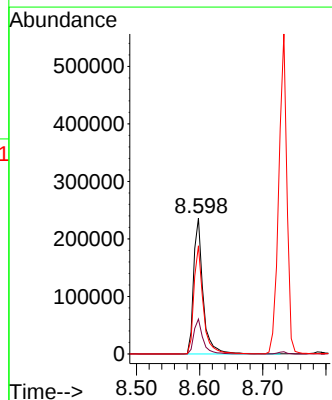
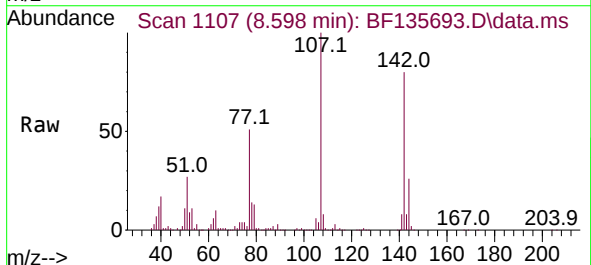
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

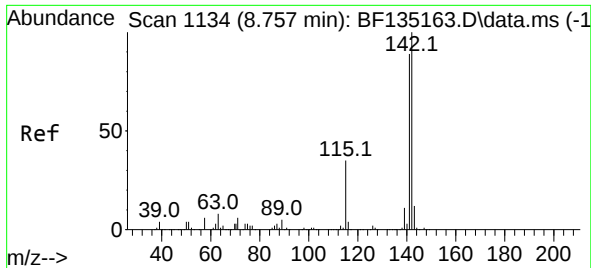
Tgt Ion:113 Resp: 48068  
Ion Ratio Lower Upper  
113 100  
55 233.7 199.3 239.3  
56 168.5 146.3 186.3



#36  
4-Chloro-3-methylphenol  
Concen: 55.084 ng  
RT: 8.598 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:107 Resp: 244633  
Ion Ratio Lower Upper  
107 100  
144 25.7 19.0 28.4  
142 79.6 60.2 90.2

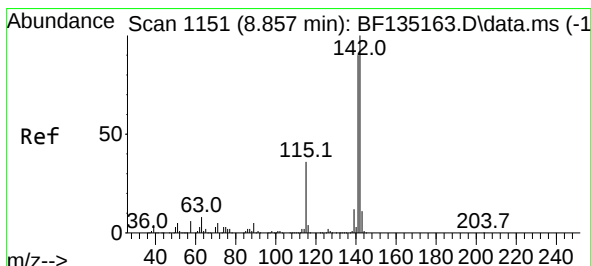
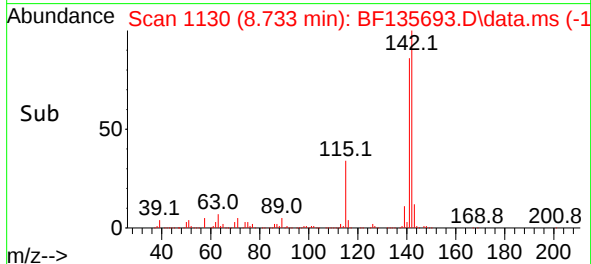
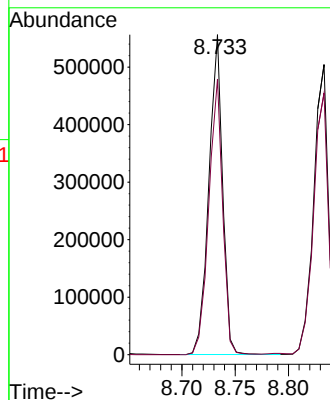
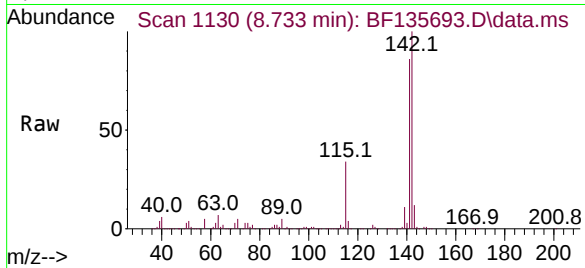




#37  
2-Methylnaphthalene  
Concen: 52.081 ng  
RT: 8.733 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

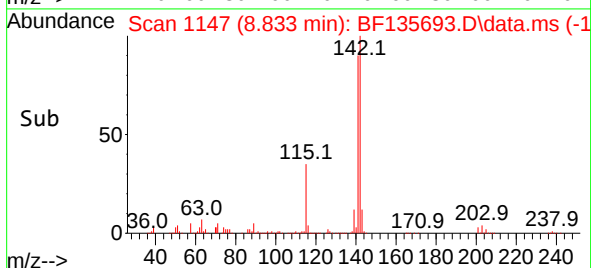
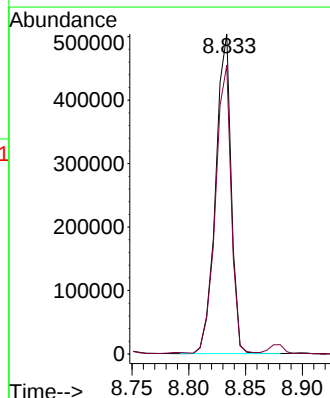
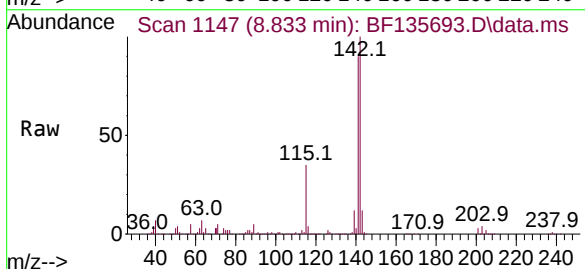
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

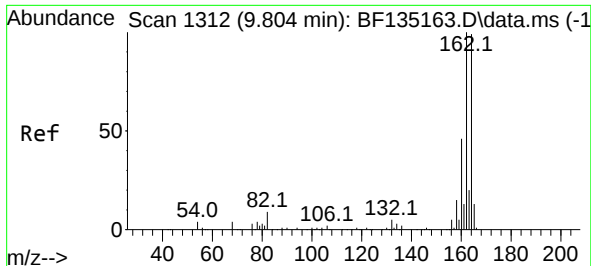
Tgt Ion:142 Resp: 499783  
Ion Ratio Lower Upper  
142 100  
141 86.2 71.0 106.6



#38  
1-Methylnaphthalene  
Concen: 53.492 ng  
RT: 8.833 min Scan# 1147  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:142 Resp: 480588  
Ion Ratio Lower Upper  
142 100  
141 90.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

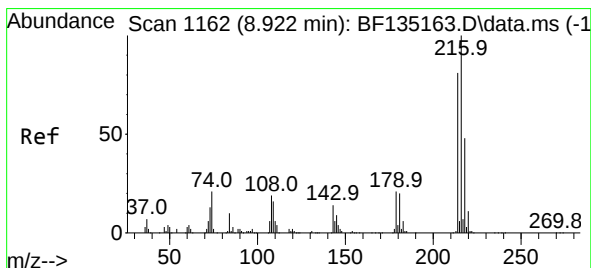
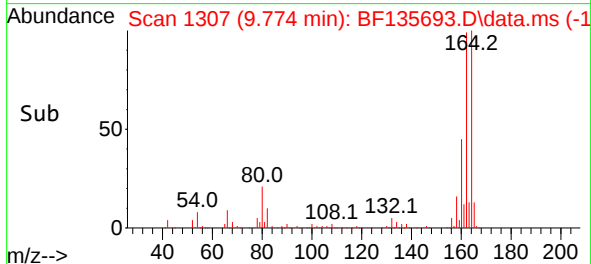
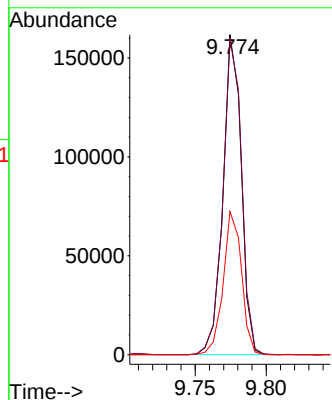
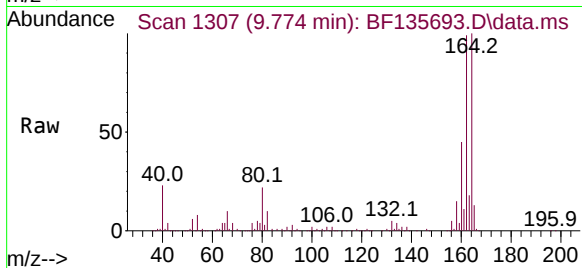
Tgt Ion:164 Resp: 144329

Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.4

160 44.8 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.363 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Tgt Ion:216 Resp: 244035

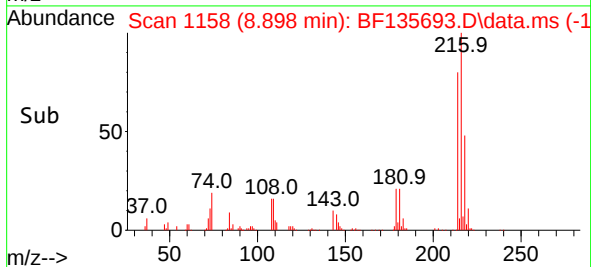
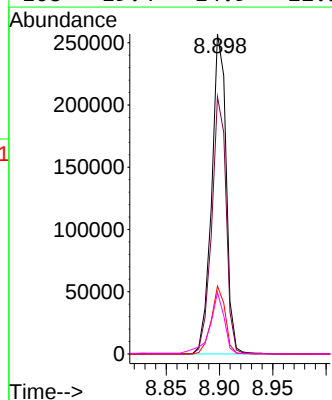
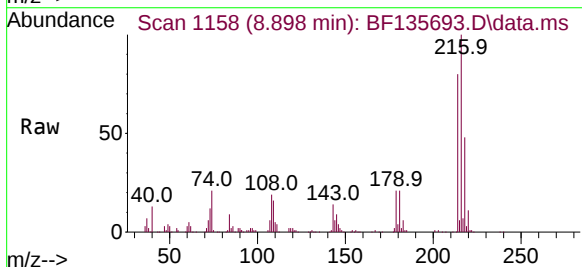
Ion Ratio Lower Upper

216 100

214 80.0 63.7 95.5

179 20.3 16.7 25.1

108 19.4 14.9 22.3

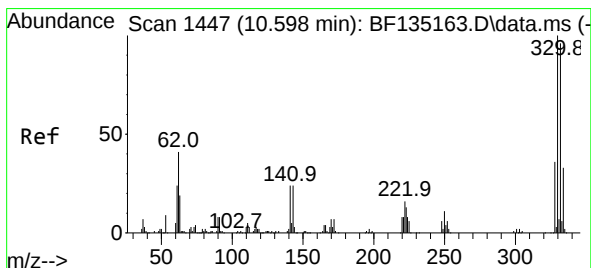
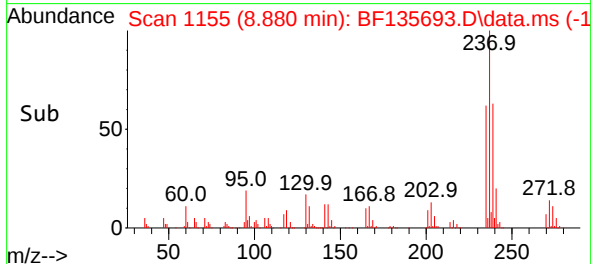
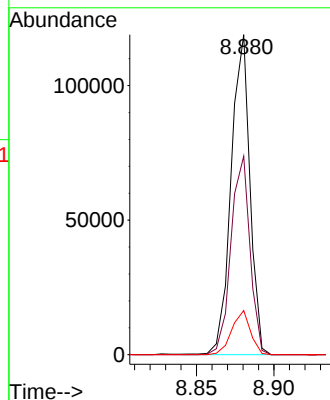
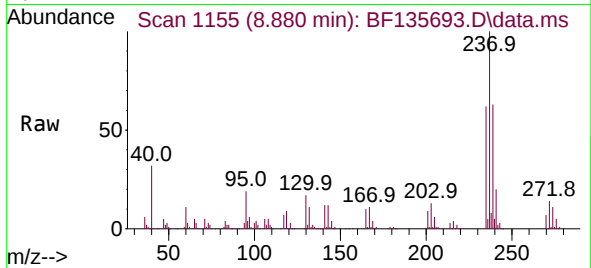




#41  
Hexachlorocyclopentadiene  
Concen: 56.833 ng  
RT: 8.880 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

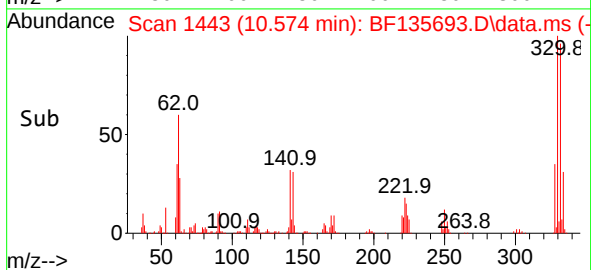
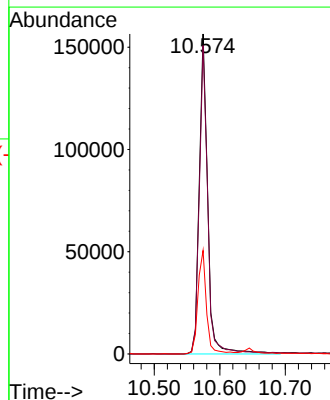
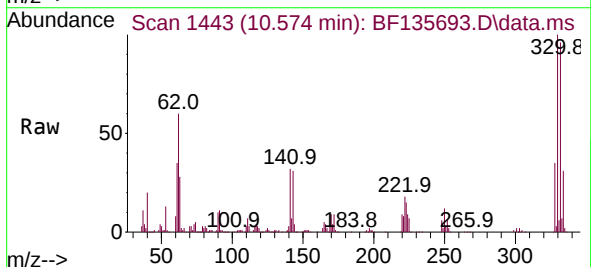
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

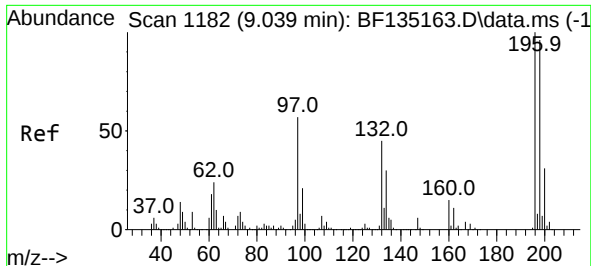
Tgt Ion:237 Resp: 100369  
Ion Ratio Lower Upper  
237 100  
235 62.0 41.8 81.8  
272 13.8 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 97.951 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:330 Resp: 140489  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.3 115.9  
141 32.7 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 54.361 ng

RT: 9.022 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

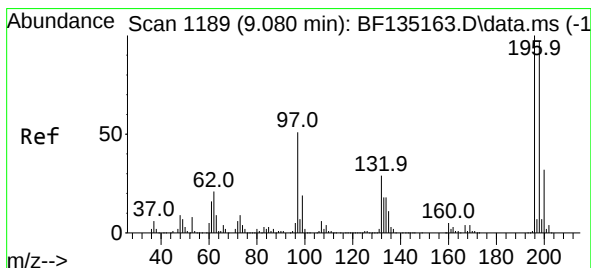
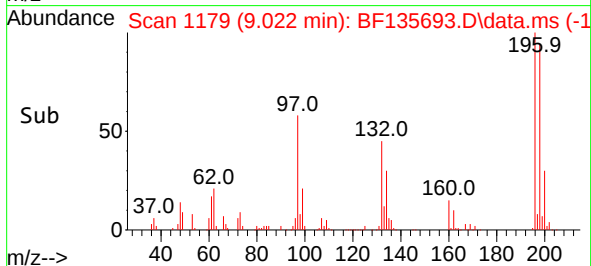
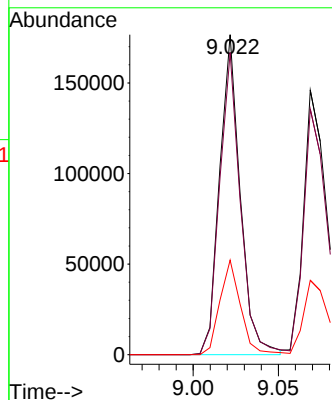
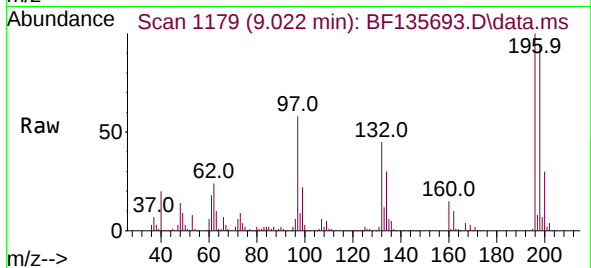
Tgt Ion:196 Resp: 148823

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.6

200 29.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 50.747 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Tgt Ion:196 Resp: 159994

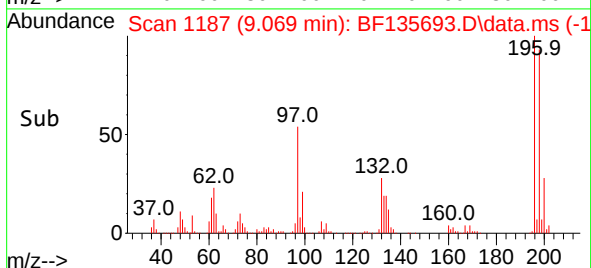
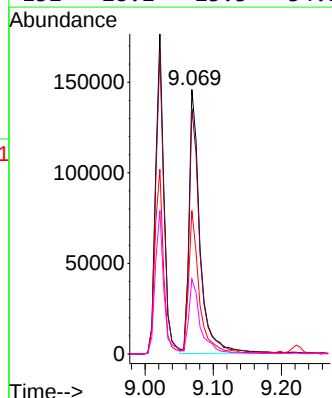
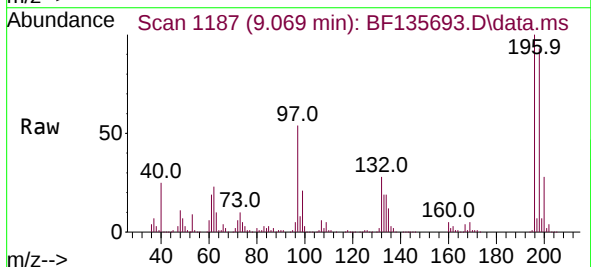
Ion Ratio Lower Upper

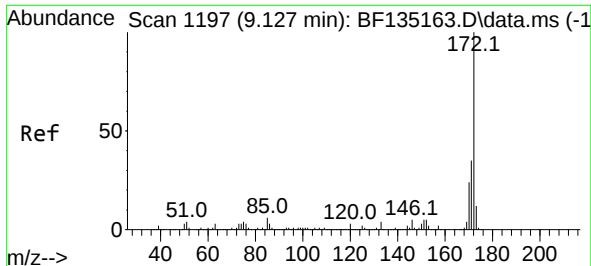
196 100

198 92.9 77.5 116.3

97 54.2 40.5 60.7

132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 65.713 ng

RT: 9.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

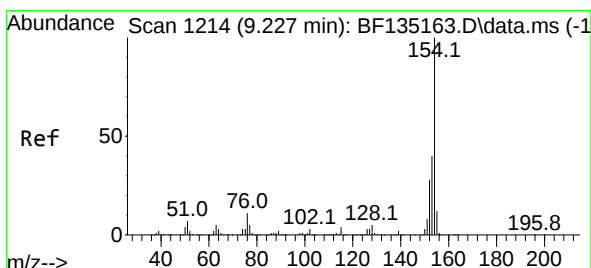
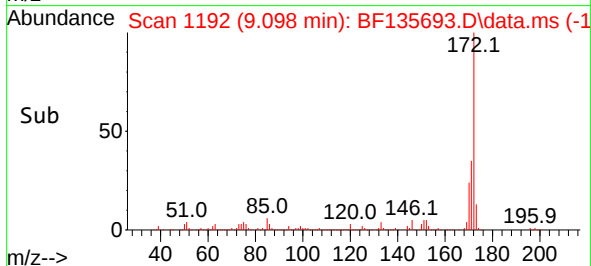
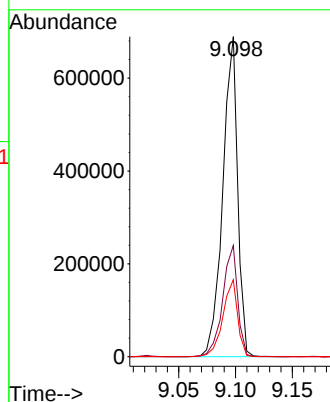
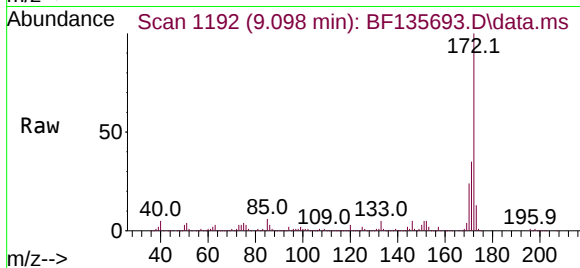
Tgt Ion:172 Resp: 628629

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 57.656 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

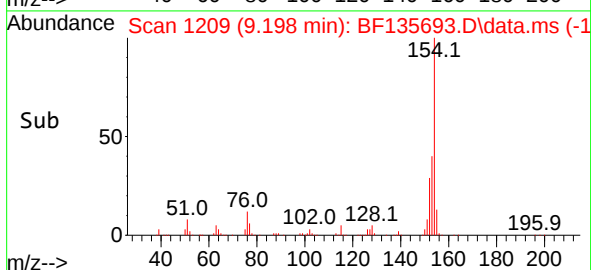
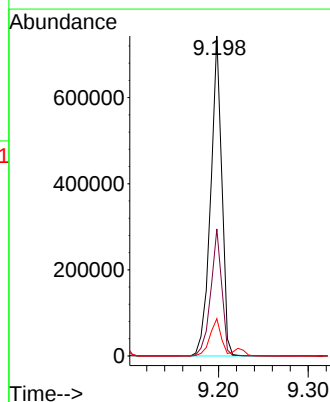
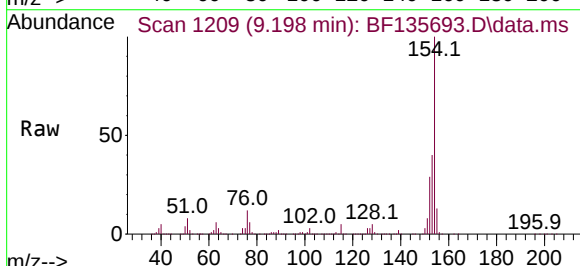
Tgt Ion:154 Resp: 639490

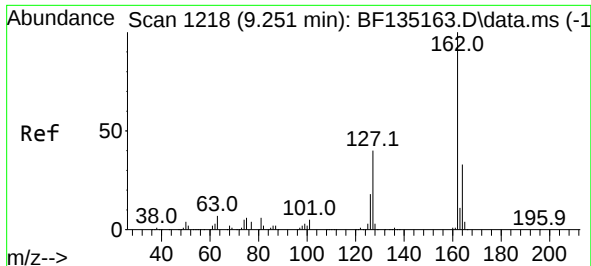
Ion Ratio Lower Upper

154 100

153 39.7 19.6 59.6

76 11.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 57.004 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

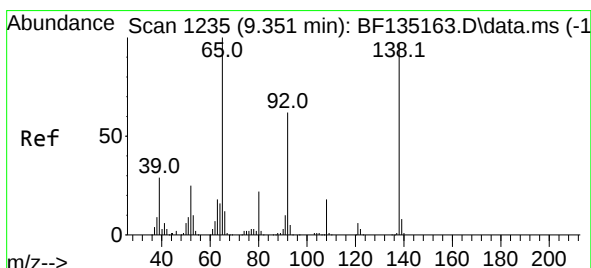
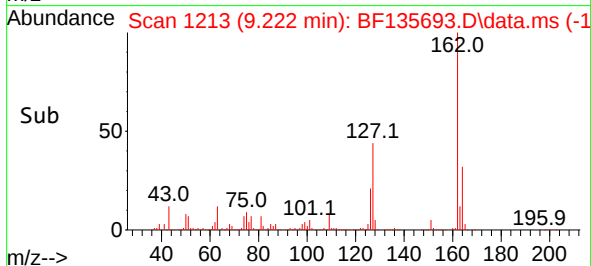
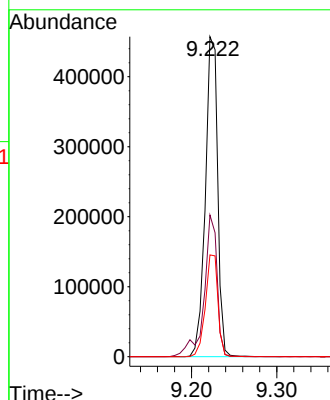
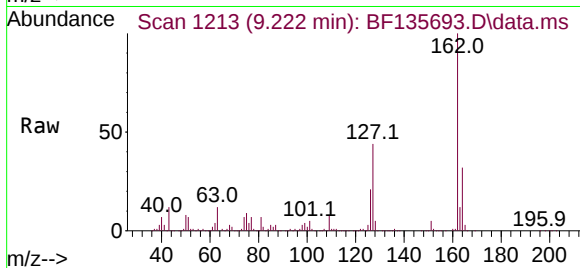
Tgt Ion:162 Resp: 458737

Ion Ratio Lower Upper

162 100

127 44.3 32.6 48.8

164 31.8 26.2 39.2



#48

2-Nitroaniline

Concen: 57.571 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

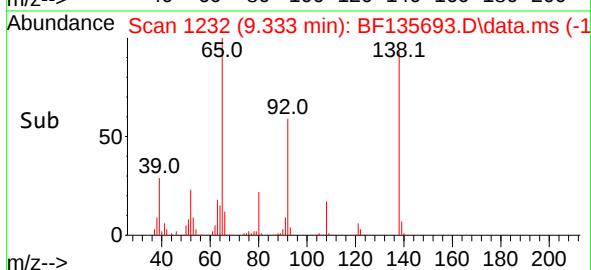
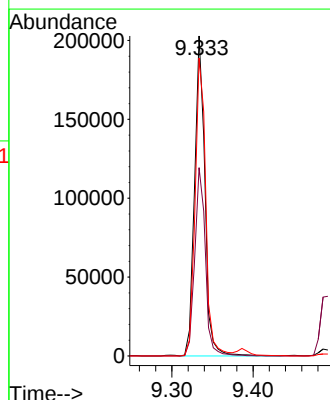
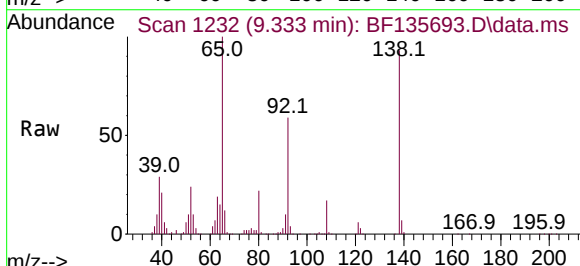
Tgt Ion: 65 Resp: 179992

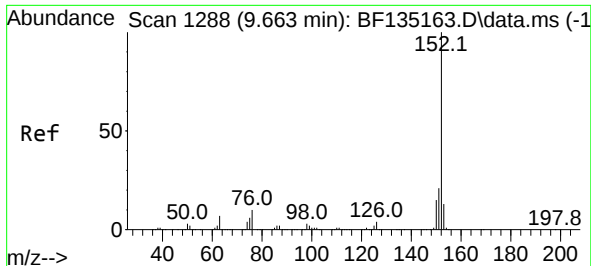
Ion Ratio Lower Upper

65 100

92 58.9 49.4 74.0

138 93.1 77.4 116.0





#49

Acenaphthylene

Concen: 57.571 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

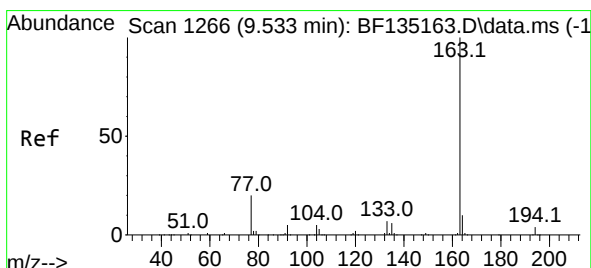
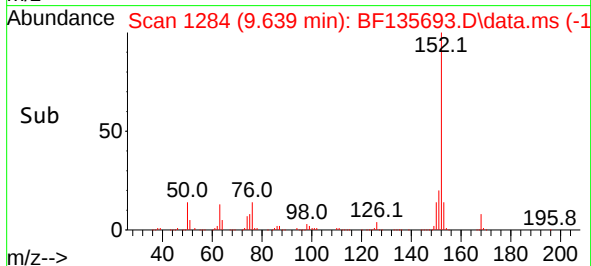
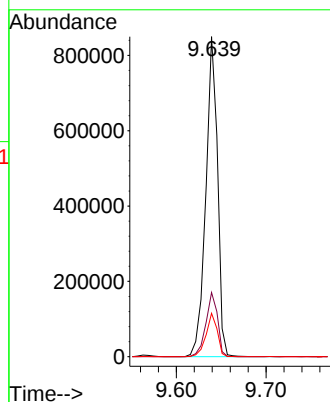
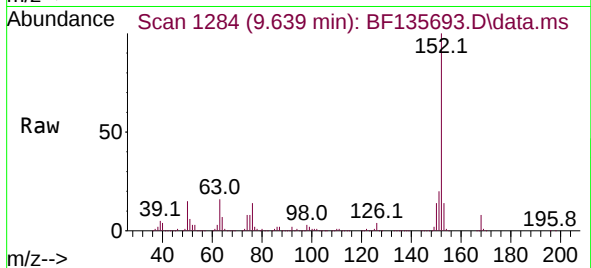
Tgt Ion:152 Resp: 769971

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 54.269 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

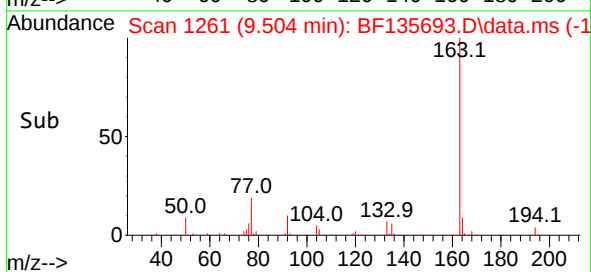
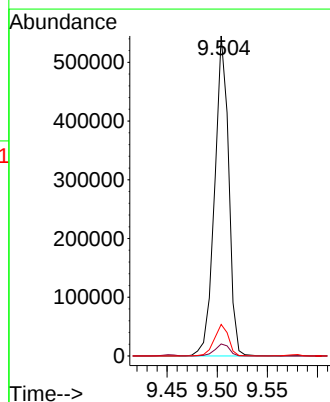
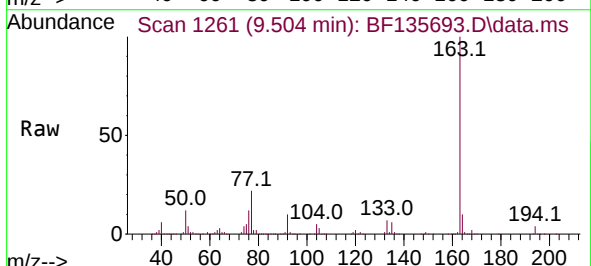
Tgt Ion:163 Resp: 529560

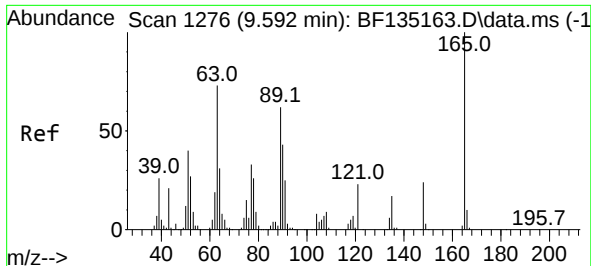
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 55.000 ng

RT: 9.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

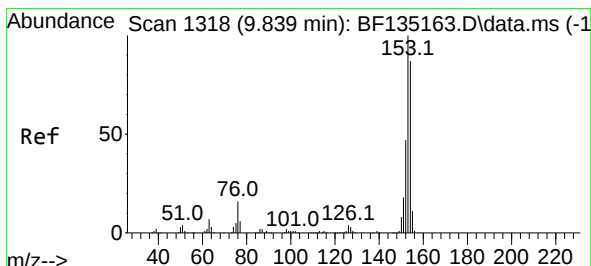
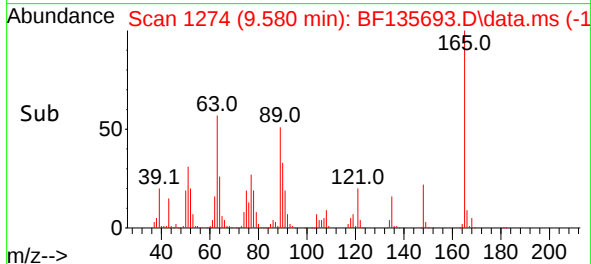
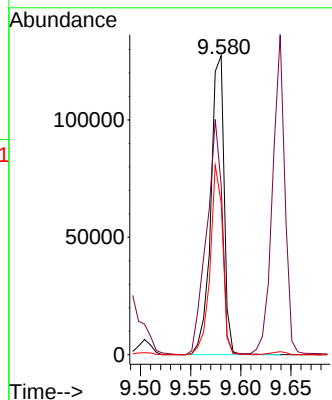
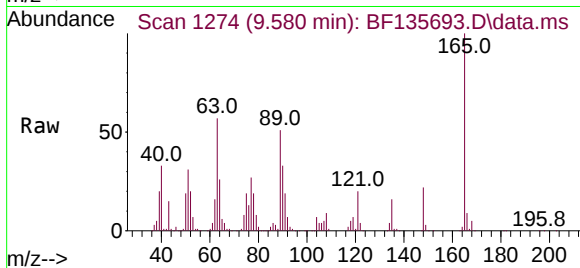
Tgt Ion:165 Resp: 117572

Ion Ratio Lower Upper

165 100

63 56.7 59.4 89.2#

89 50.8 49.8 74.8



#52

Acenaphthene

Concen: 56.325 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

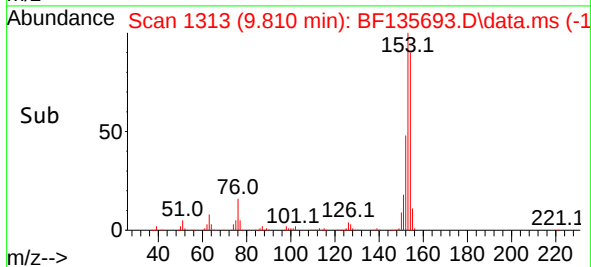
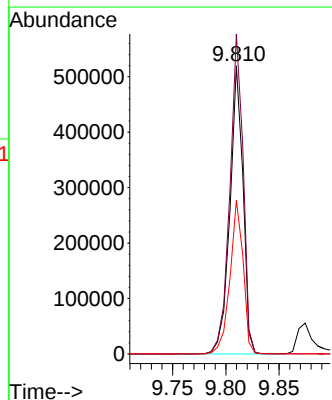
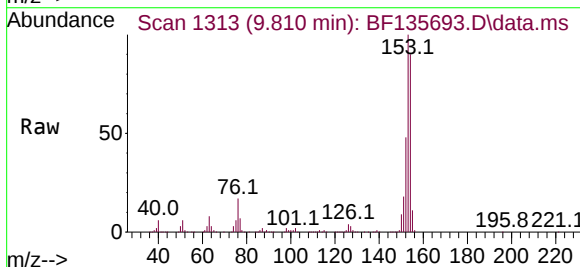
Tgt Ion:154 Resp: 445016

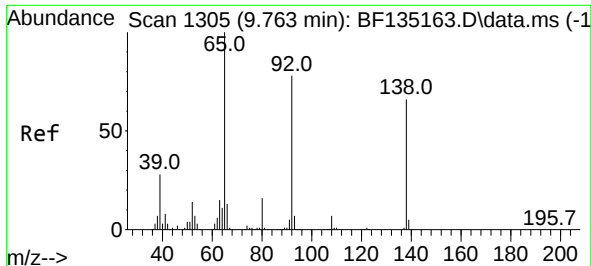
Ion Ratio Lower Upper

154 100

153 111.0 92.1 138.1

152 53.3 43.1 64.7

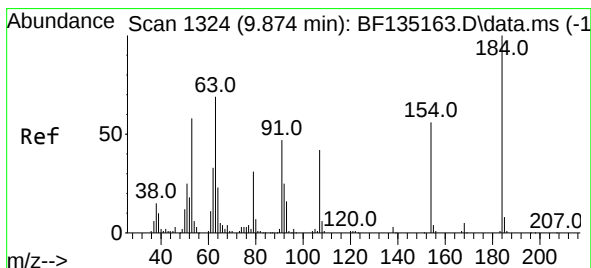
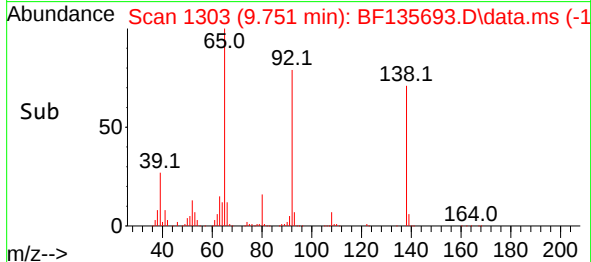
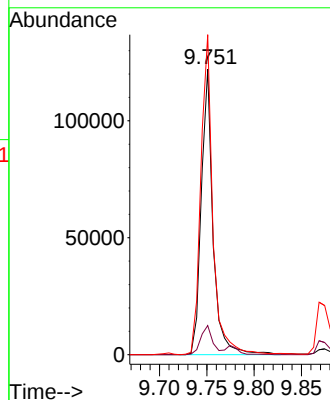
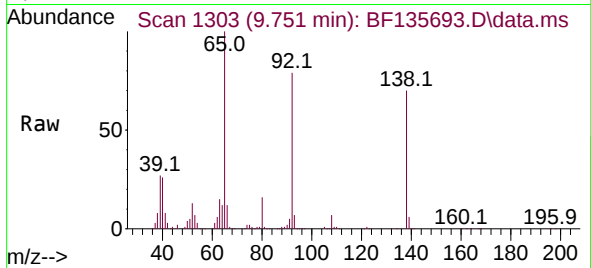




#53  
3-Nitroaniline  
Concen: 42.247 ng  
RT: 9.751 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

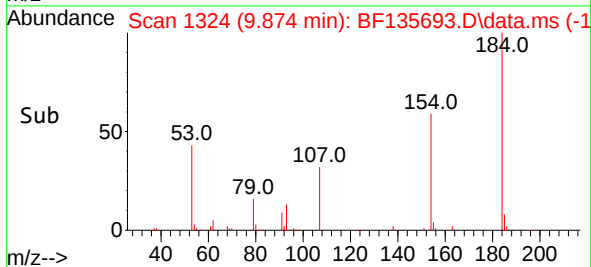
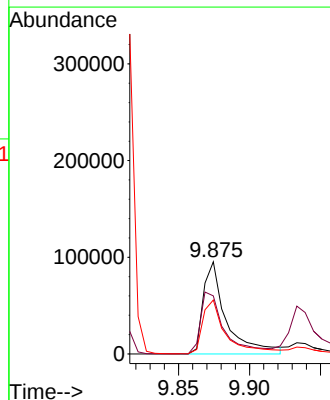
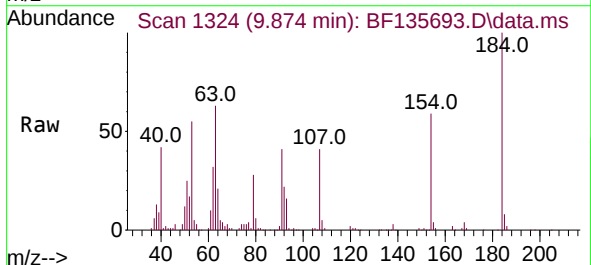
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

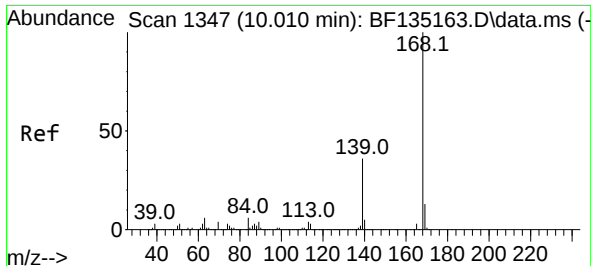
Tgt Ion:138 Resp: 106010  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.5 12.7  
92 112.0 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 88.185 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:184 Resp: 107858  
Ion Ratio Lower Upper  
184 100  
63 63.0 55.1 82.7  
154 58.5 48.4 72.6

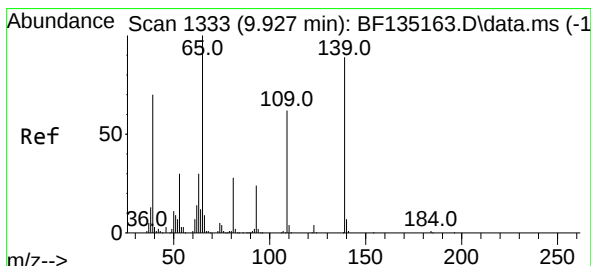
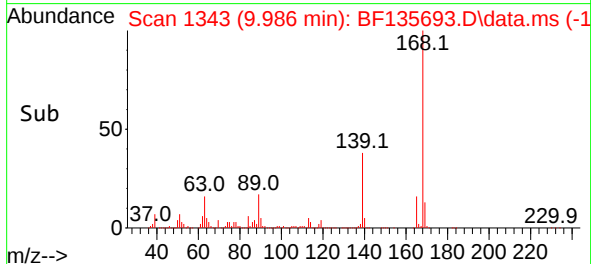
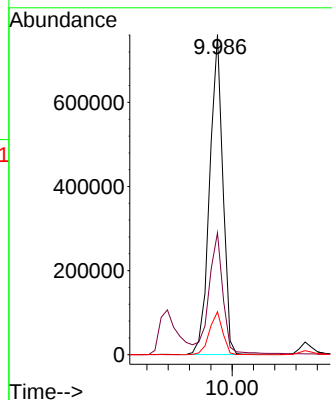
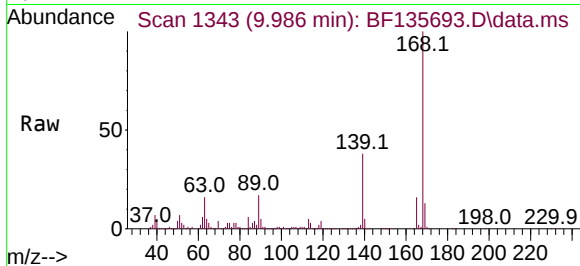




#55  
Dibenzenofuran  
Concen: 54.240 ng  
RT: 9.986 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

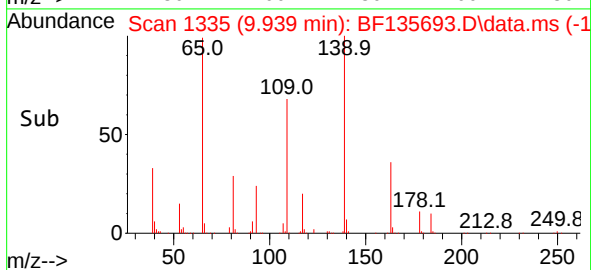
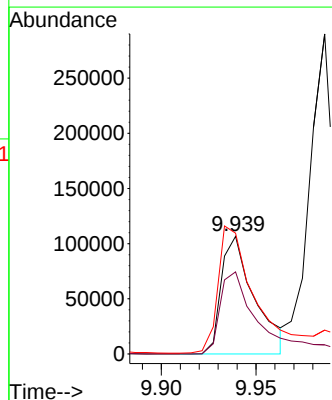
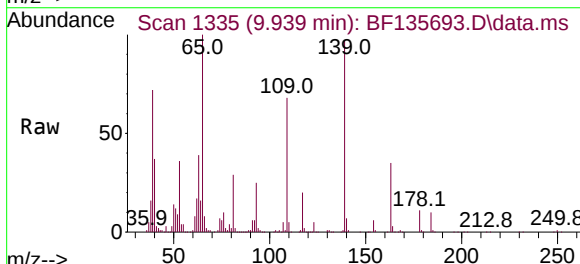
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

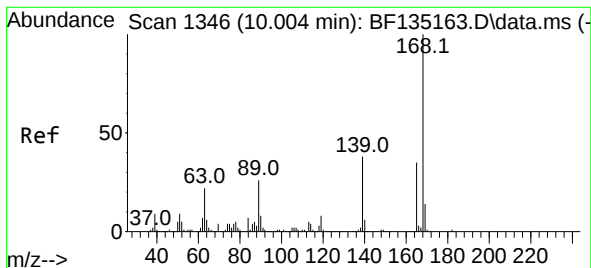
Tgt Ion:168 Resp: 653953  
Ion Ratio Lower Upper  
168 100  
139 38.1 29.0 43.6  
169 13.4 10.4 15.6



#56  
4-Nitrophenol  
Concen: 81.403 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:139 Resp: 129819  
Ion Ratio Lower Upper  
139 100  
109 69.7 49.8 89.8  
65 102.6 92.7 132.7

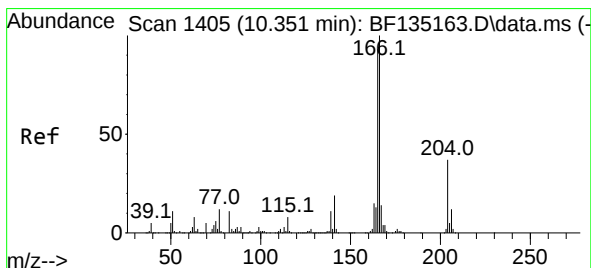
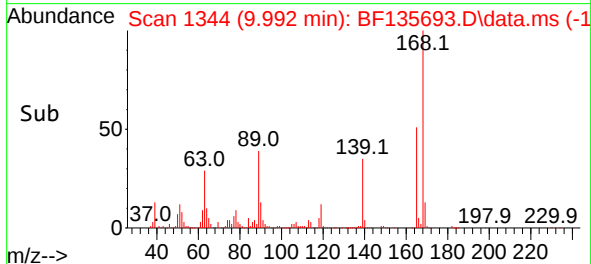
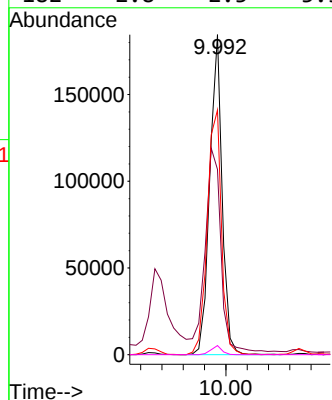
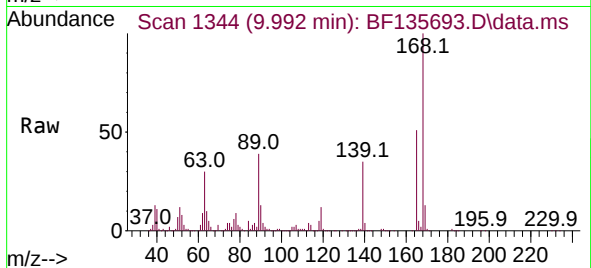




#57  
2,4-Dinitrotoluene  
Concen: 55.553 ng  
RT: 9.992 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

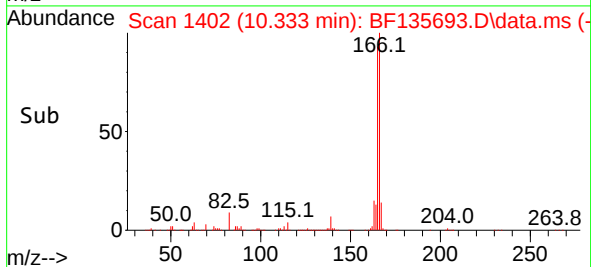
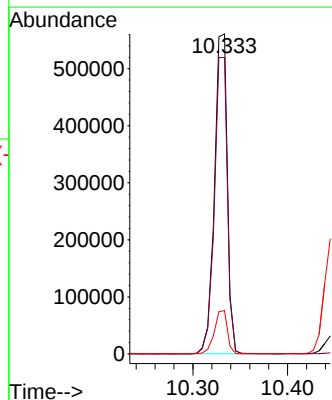
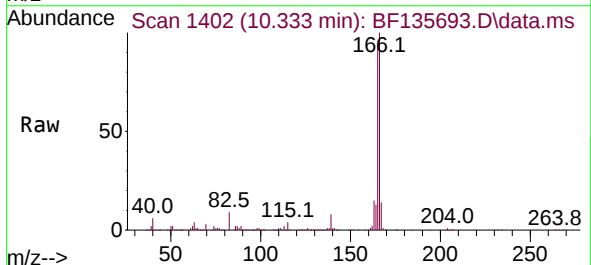
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

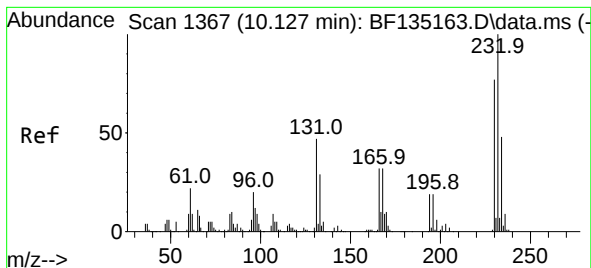
Tgt Ion:165 Resp: 148670  
Ion Ratio Lower Upper  
165 100  
63 57.9 50.1 75.1  
89 76.4 59.3 88.9  
182 2.8 2.3 3.5



#58  
Fluorene  
Concen: 57.351 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:166 Resp: 531565  
Ion Ratio Lower Upper  
166 100  
165 92.7 74.3 111.5  
167 13.6 10.9 16.3

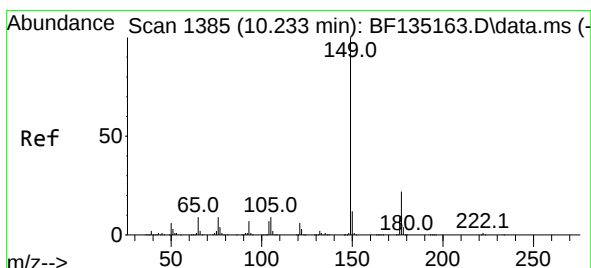
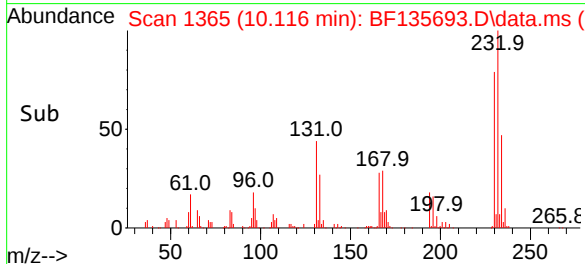
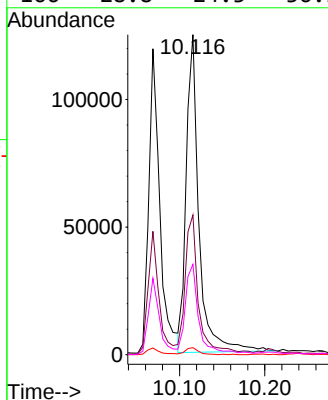
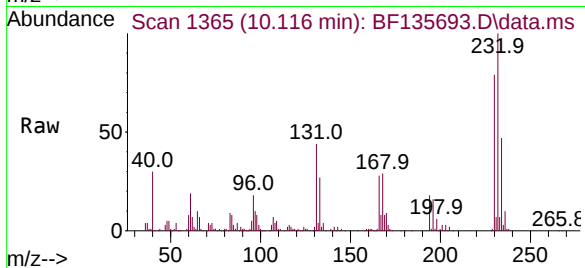




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.148 ng  
RT: 10.116 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

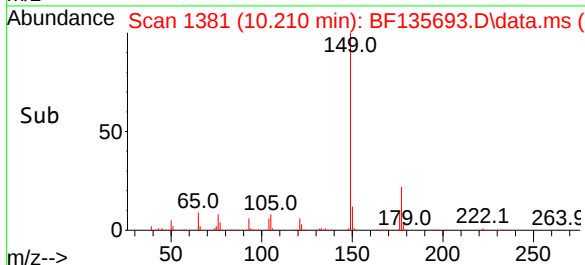
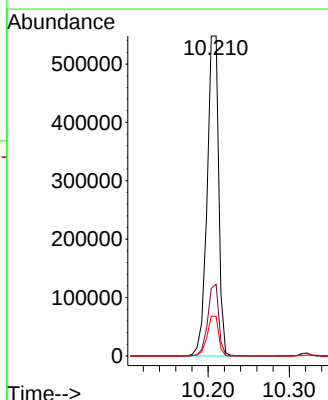
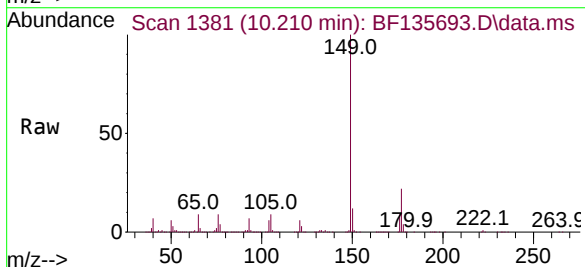
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

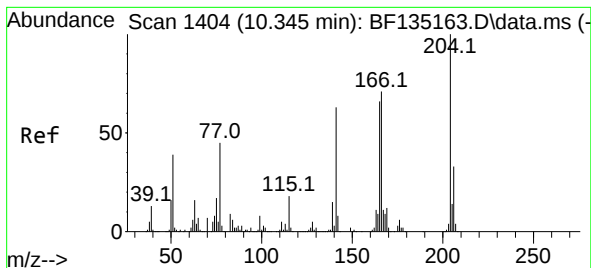
Tgt Ion:232 Resp: 128897  
Ion Ratio Lower Upper  
232 100  
131 46.3 35.4 53.2  
130 2.3 1.8 2.8  
166 28.8 24.3 36.5



#60  
Diethylphthalate  
Concen: 54.965 ng  
RT: 10.210 min Scan# 1381  
Delta R.T. 0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:149 Resp: 538283  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.8 26.6  
150 12.4 10.0 15.0

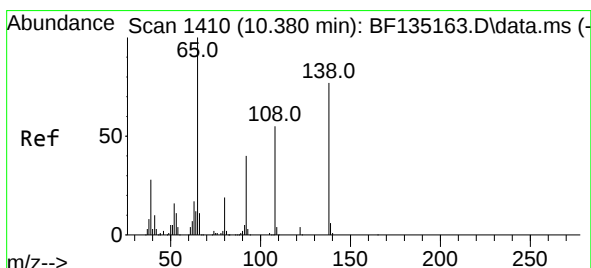
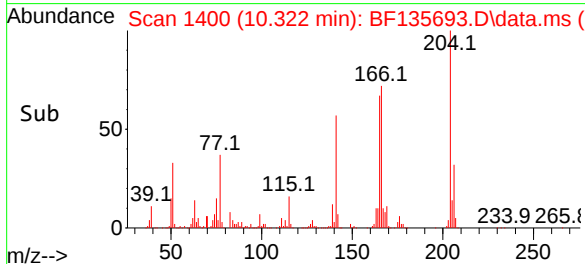
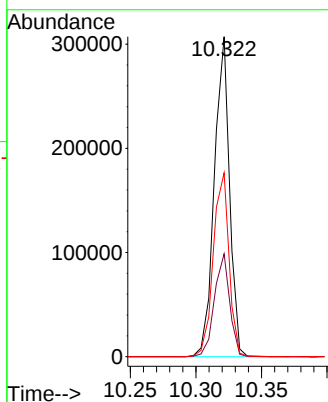
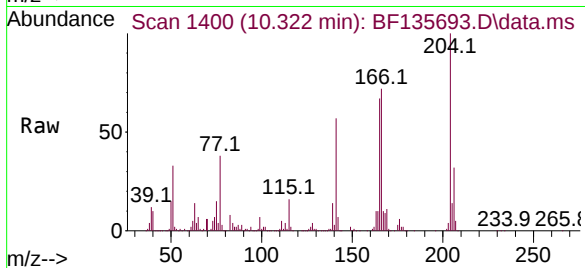




#61  
4-Chlorophenyl-phenylether  
Concen: 55.565 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

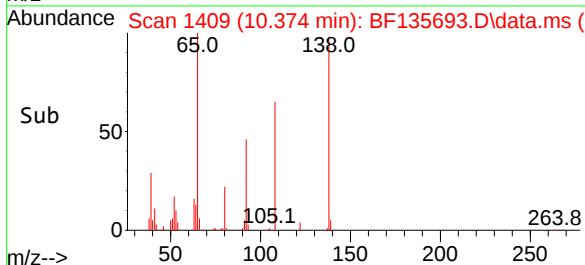
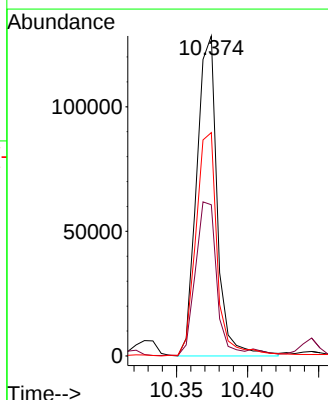
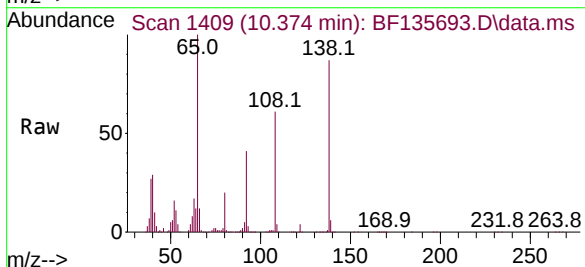
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

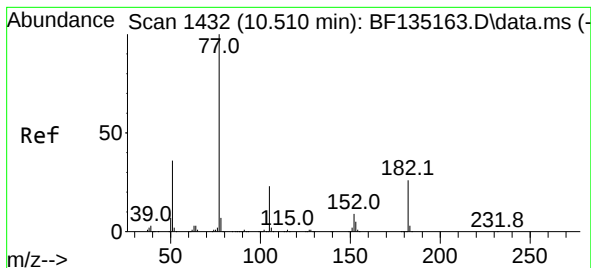
Tgt Ion:204 Resp: 247393  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.7 40.1  
141 57.5 50.6 75.8



#62  
4-Nitroaniline  
Concen: 53.722 ng  
RT: 10.374 min Scan# 1409  
Delta R.T. 0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:138 Resp: 129578  
Ion Ratio Lower Upper  
138 100  
92 47.3 31.8 71.8  
108 69.8 52.0 92.0





#63

Azobenzene

Concen: 54.850 ng

RT: 10.480 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

Tgt Ion: 77 Resp: 525712

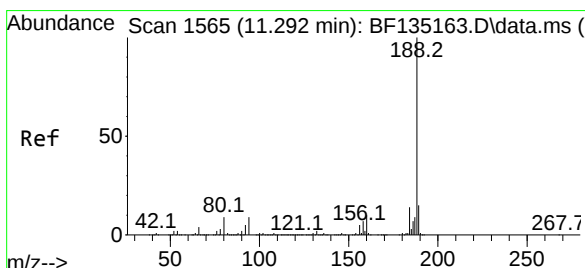
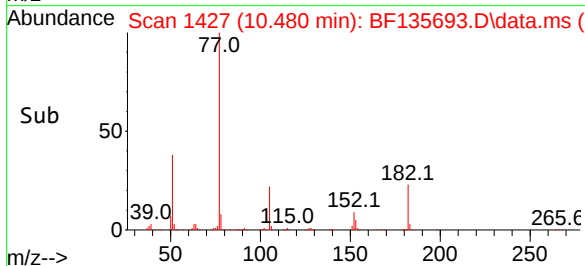
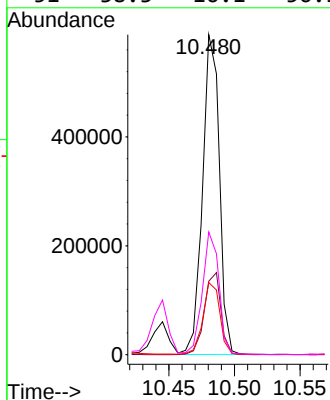
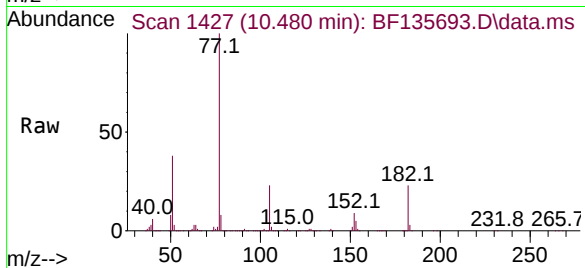
Ion Ratio Lower Upper

77 100

182 23.0 6.4 46.4

105 22.6 3.1 43.1

51 38.3 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

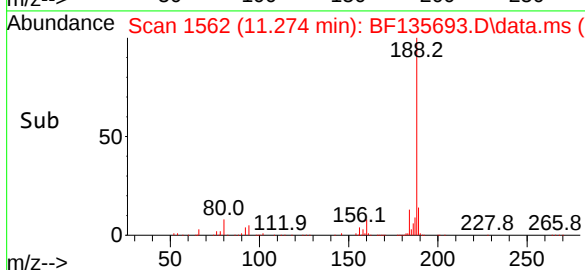
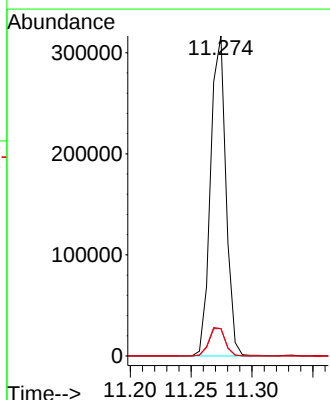
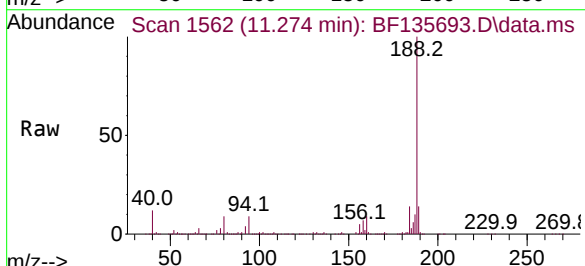
Tgt Ion: 188 Resp: 278526

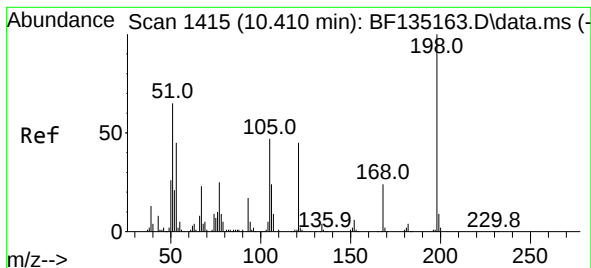
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 8.6 7.5 11.3

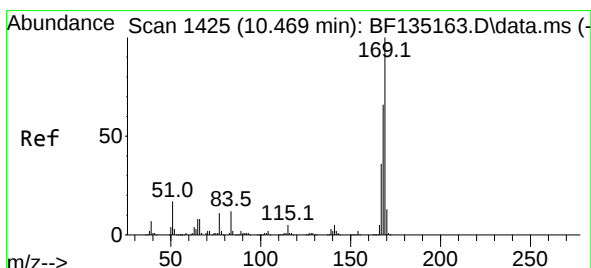
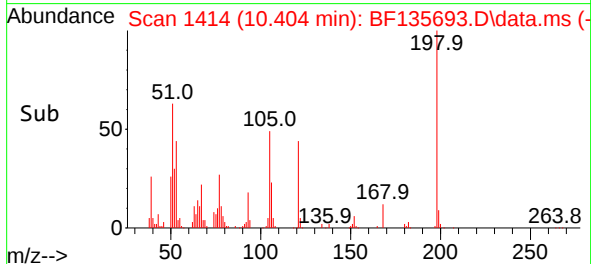
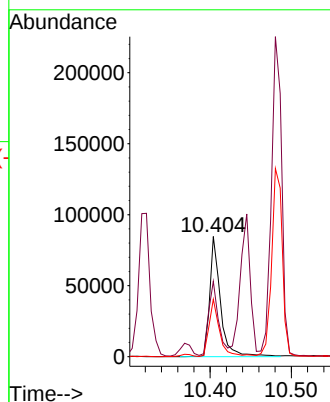
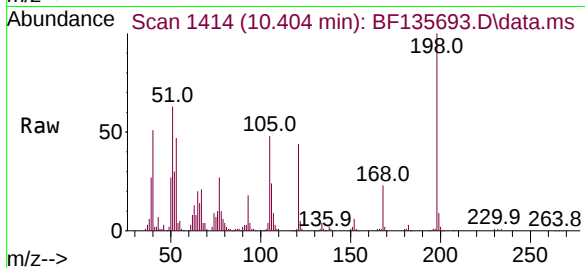




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.320 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

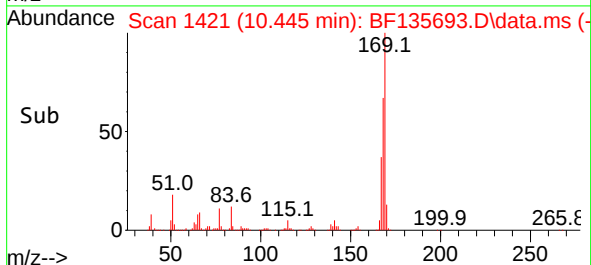
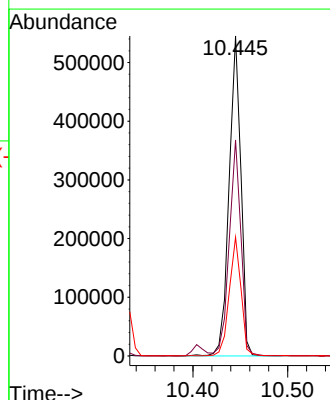
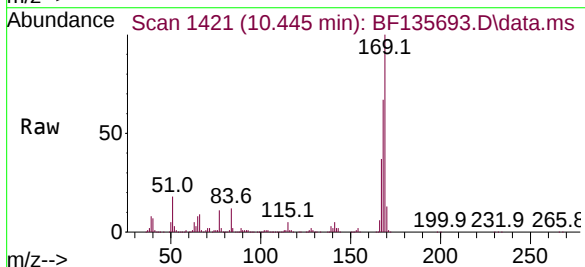
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

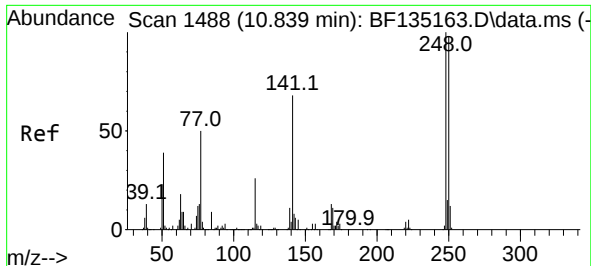
Tgt Ion:198 Resp: 77399  
Ion Ratio Lower Upper  
198 100  
51 62.8 47.7 87.7  
105 47.8 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 56.217 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:169 Resp: 474037  
Ion Ratio Lower Upper  
169 100  
168 67.5 52.8 79.2  
167 37.1 29.0 43.6

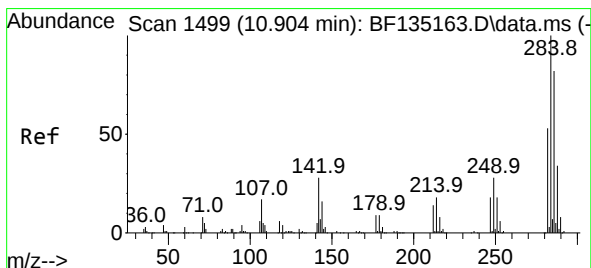
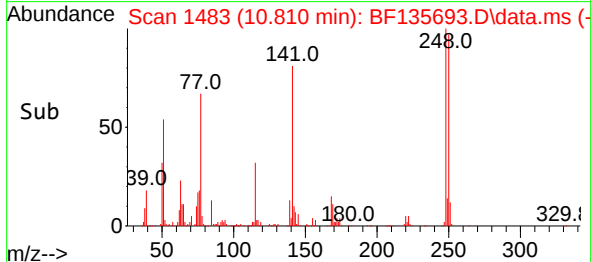
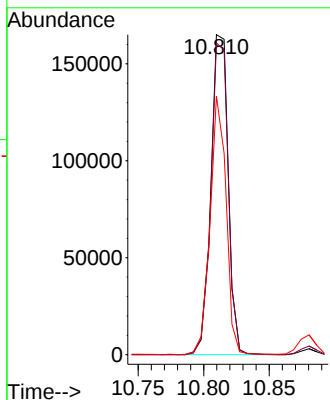
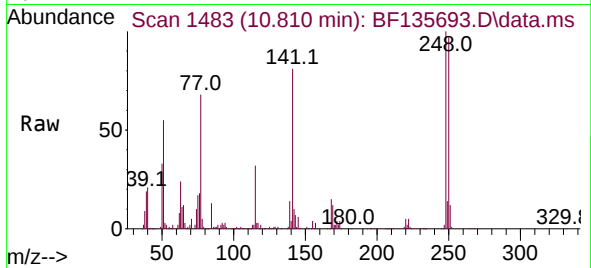




#67  
4-Bromophenyl-phenylether  
Concen: 55.086 ng  
RT: 10.810 min Scan# 1483  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

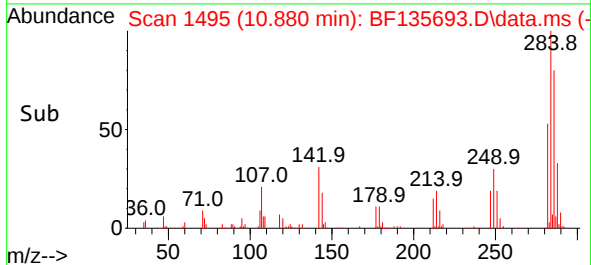
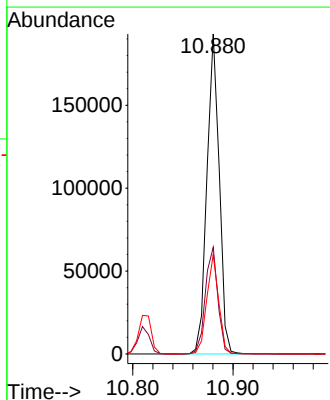
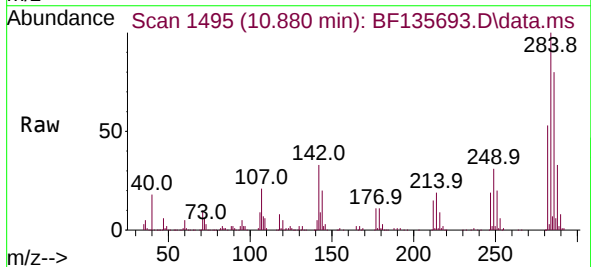
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

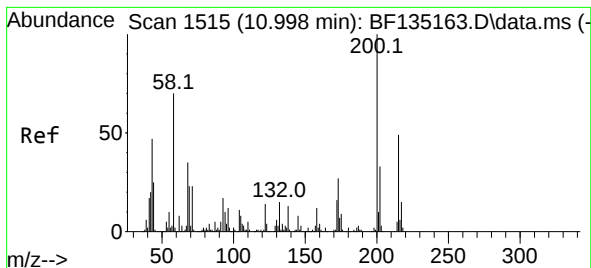
Tgt Ion:248 Resp: 152595  
Ion Ratio Lower Upper  
248 100  
250 97.4 78.6 117.8  
141 80.8 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 58.560 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:284 Resp: 165266  
Ion Ratio Lower Upper  
284 100  
142 33.3 22.2 33.4  
249 31.1 22.5 33.7





#69

Atrazine

Concen: 64.451 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

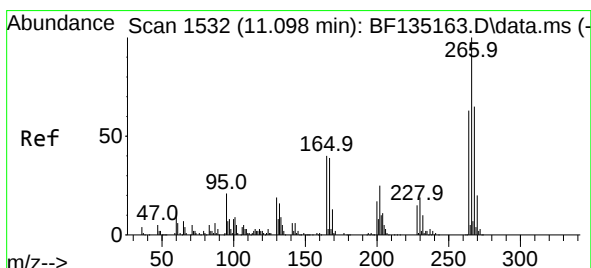
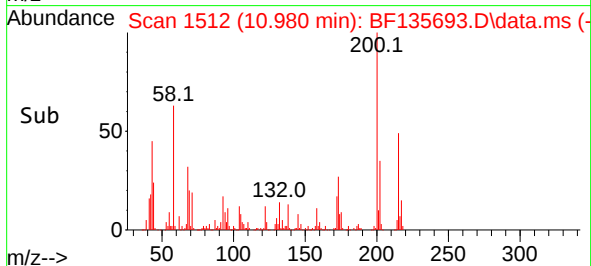
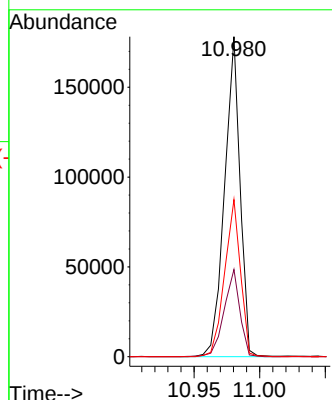
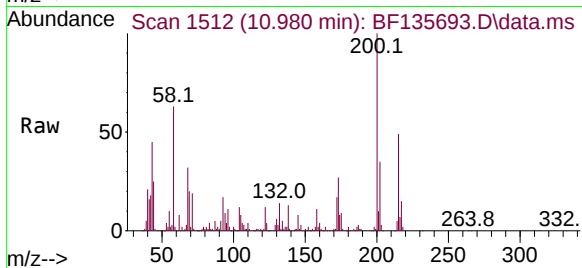
Tgt Ion:200 Resp: 146231

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 49.1 28.6 68.6



#70

Pentachlorophenol

Concen: 70.683 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

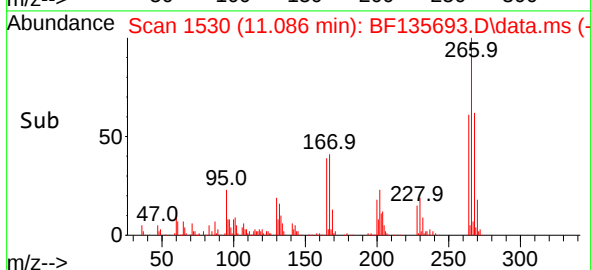
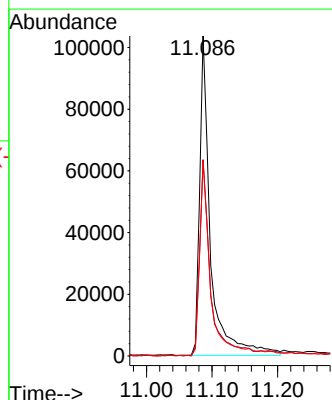
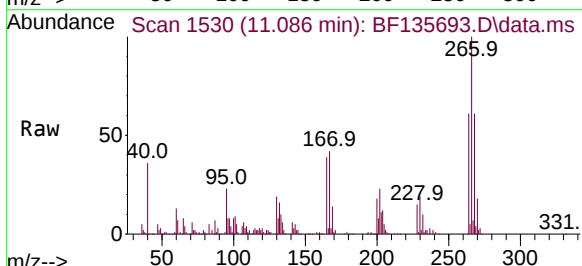
Tgt Ion:266 Resp: 119347

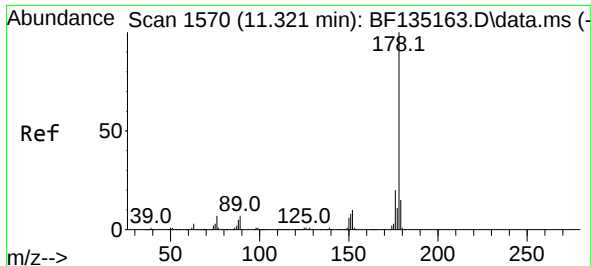
Ion Ratio Lower Upper

266 100

268 61.4 52.1 78.1

264 61.0 50.8 76.2

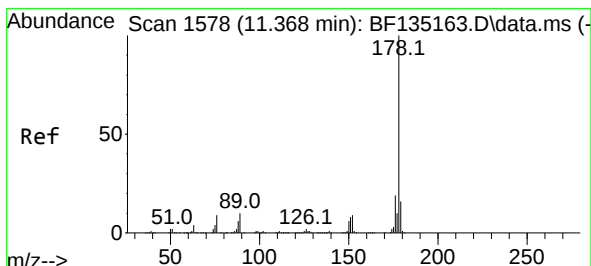
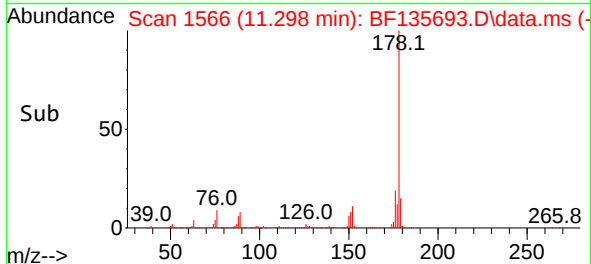
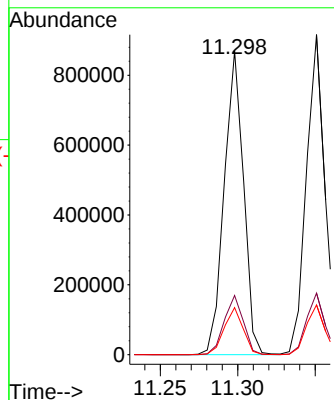
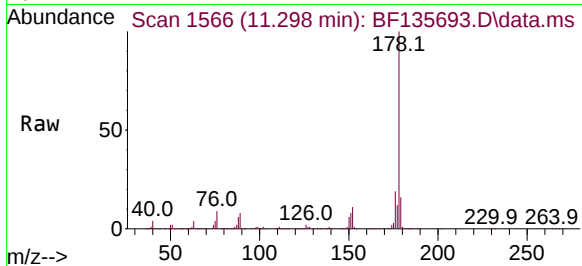




#71  
Phenanthrene  
Concen: 57.265 ng  
RT: 11.298 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

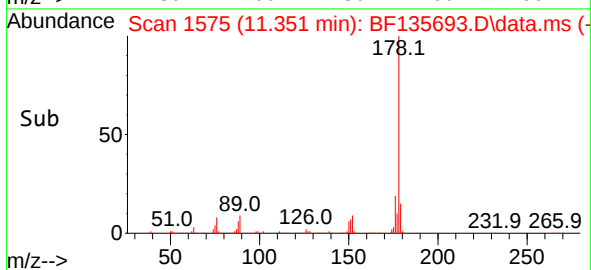
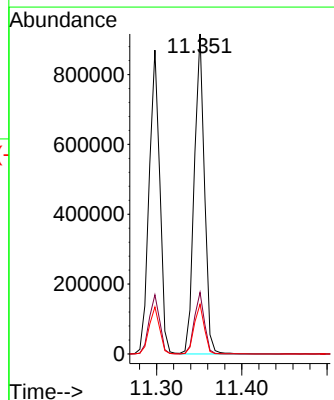
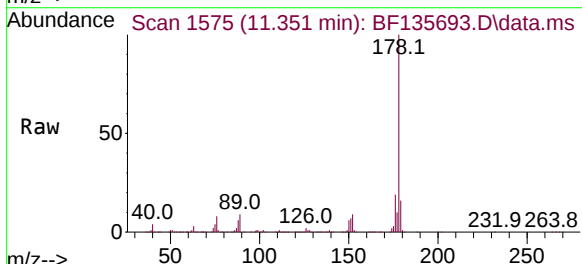
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

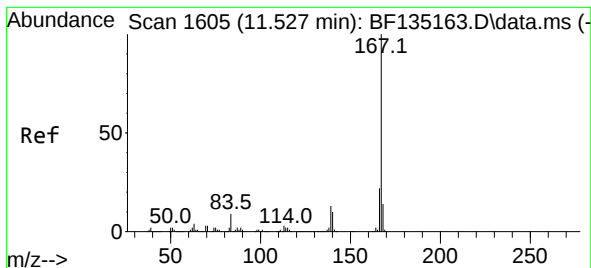
Tgt Ion:178 Resp: 754361  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.5 12.0 18.0



#72  
Anthracene  
Concen: 55.954 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:178 Resp: 757640  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.5 12.6 19.0





#73

Carbazole

Concen: 59.611 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

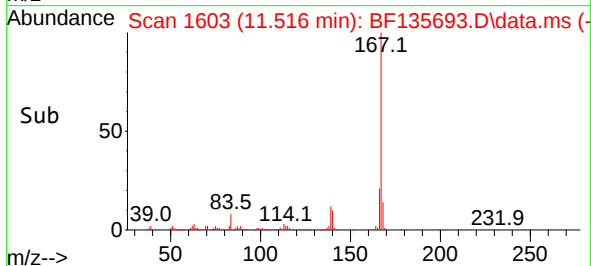
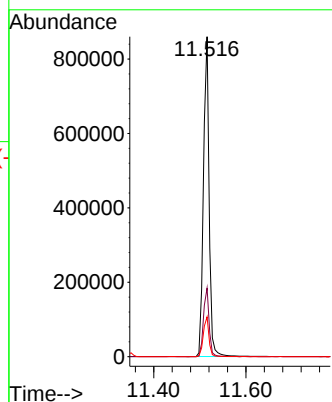
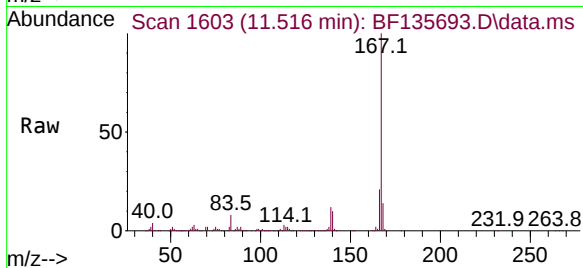
Tgt Ion:167 Resp: 734773

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 56.605 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

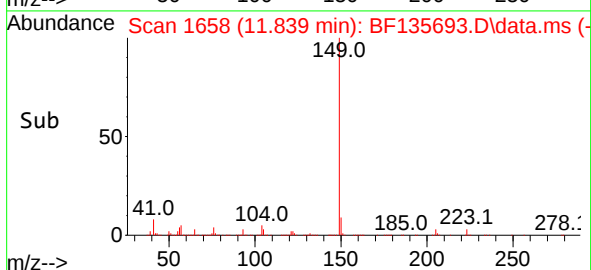
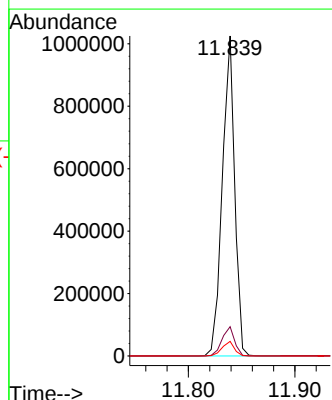
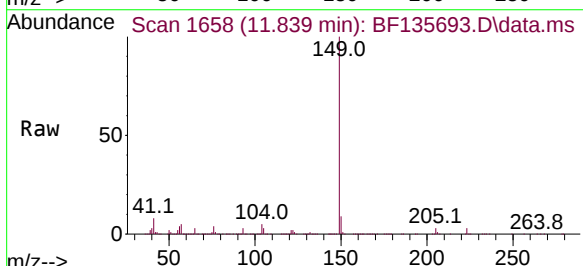
Tgt Ion:149 Resp: 822167

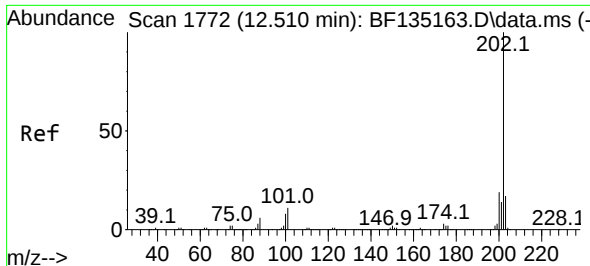
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.6 3.6 5.4

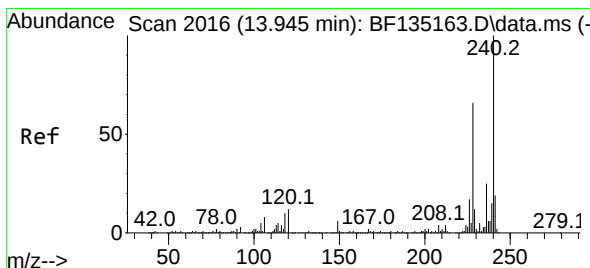
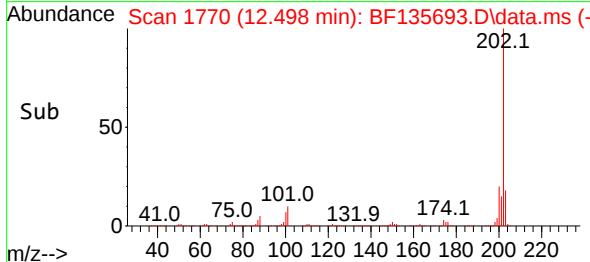
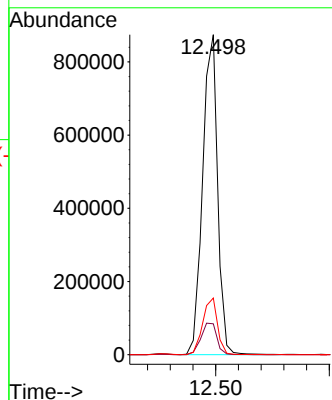
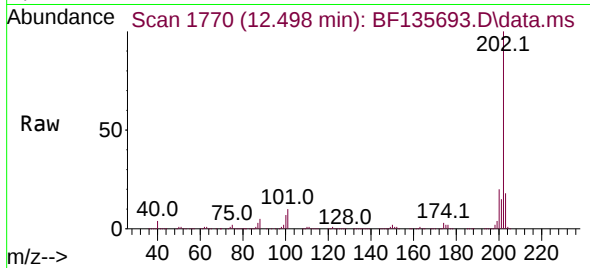




#75  
Fluoranthene  
Concen: 58.211 ng  
RT: 12.498 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

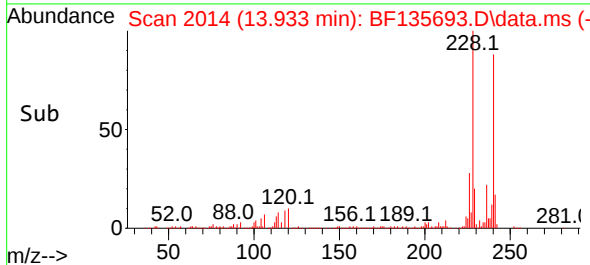
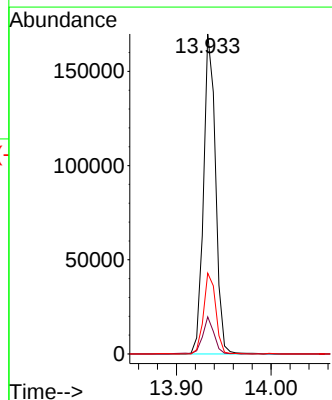
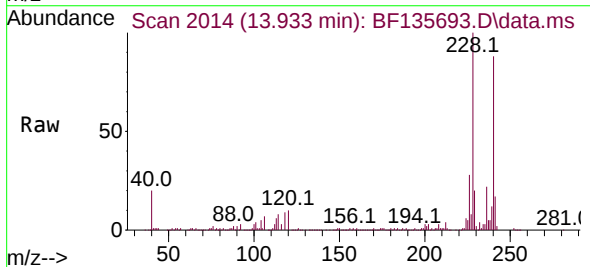
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

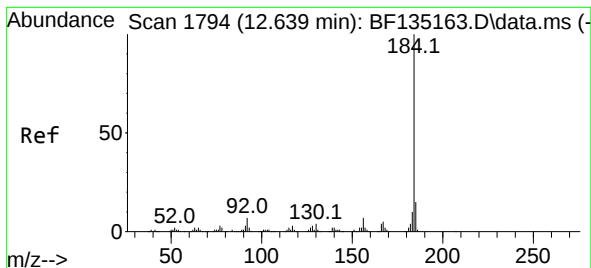
Tgt Ion:202 Resp: 799015  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 31.3  
203 17.7 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:240 Resp: 149962  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.4 14.2  
236 25.3 19.8 29.8





#77

Benzidine

Concen: 74.007 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

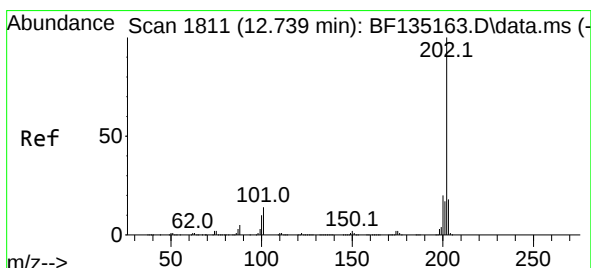
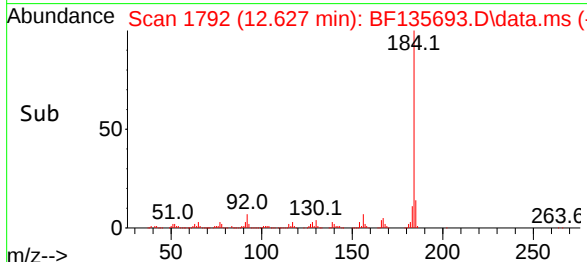
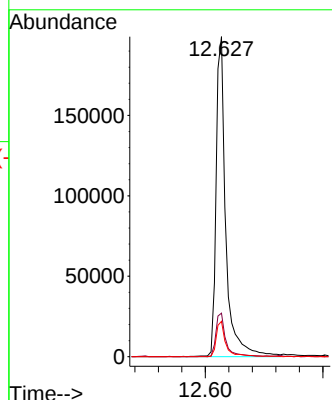
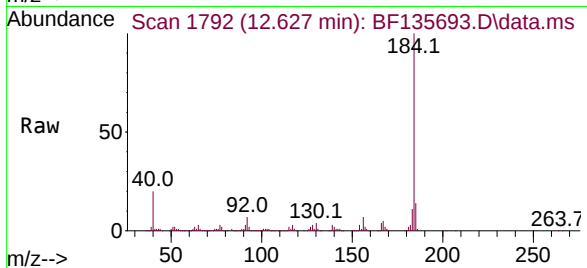
Tgt Ion:184 Resp: 227368

Ion Ratio Lower Upper

184 100

185 13.6 11.7 17.5

183 11.1 8.2 12.4



#78

Pyrene

Concen: 56.874 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

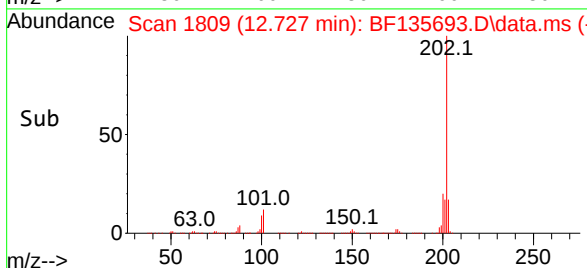
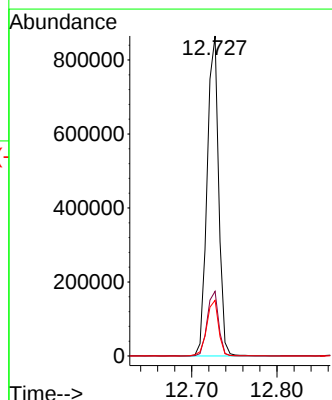
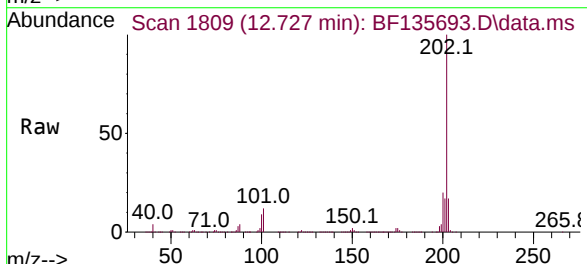
Tgt Ion:202 Resp: 812018

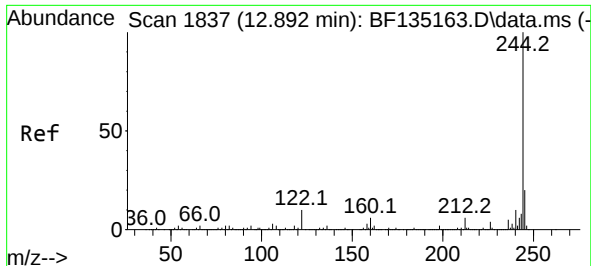
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.4 14.2 21.4

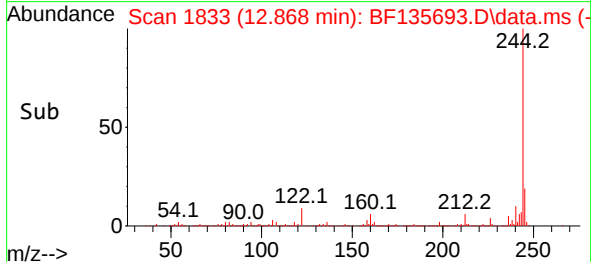
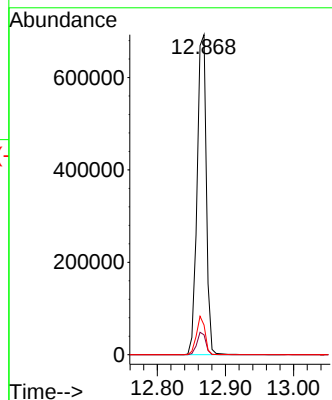
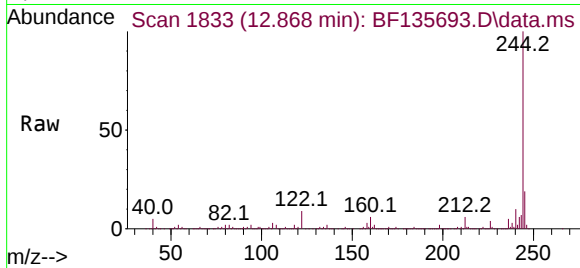




#79  
 Terphenyl-d14  
 Concen: 67.022 ng  
 RT: 12.868 min Scan# 1833  
 Delta R.T. -0.000 min  
 Lab File: BF135693.D  
 Acq: 10 Oct 2023 19:37

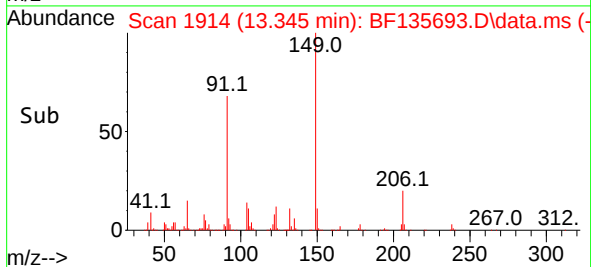
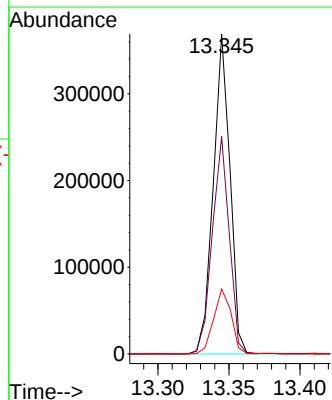
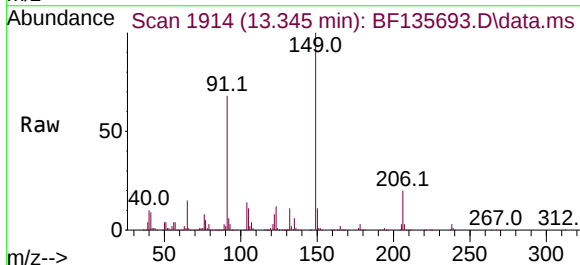
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTP-2MS

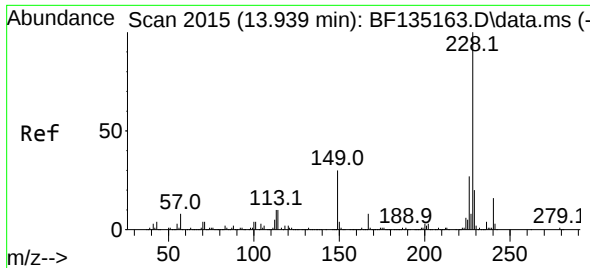
Tgt Ion:244 Resp: 648352  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.1 7.7  
 122 9.2 7.9 11.9



#80  
 Butylbenzylphthalate  
 Concen: 59.927 ng  
 RT: 13.345 min Scan# 1914  
 Delta R.T. -0.000 min  
 Lab File: BF135693.D  
 Acq: 10 Oct 2023 19:37

Tgt Ion:149 Resp: 301244  
 Ion Ratio Lower Upper  
 149 100  
 91 67.9 54.7 82.1  
 206 20.3 16.3 24.5

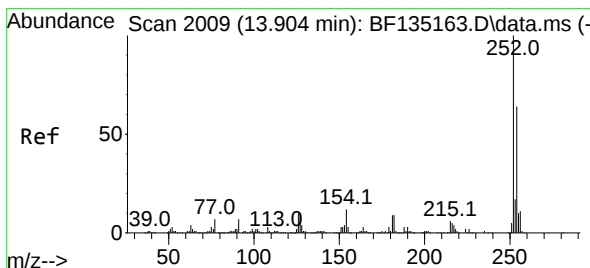
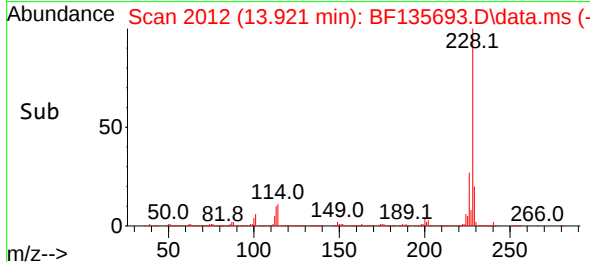
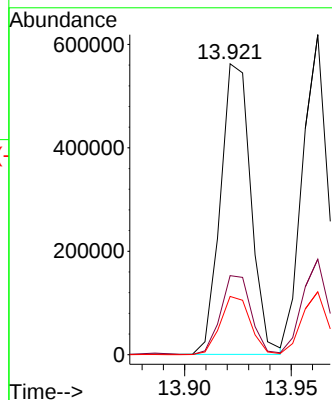
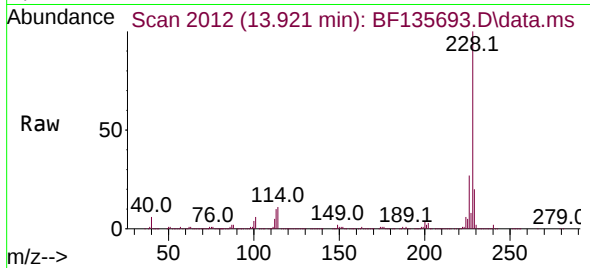




#81  
Benzo(a)anthracene  
Concen: 57.739 ng  
RT: 13.921 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

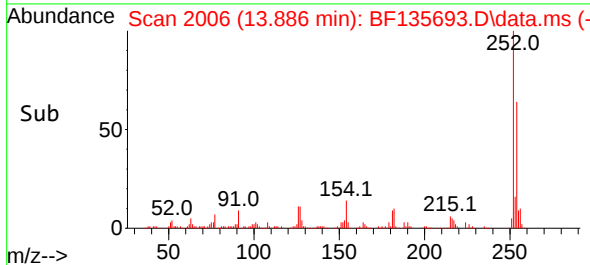
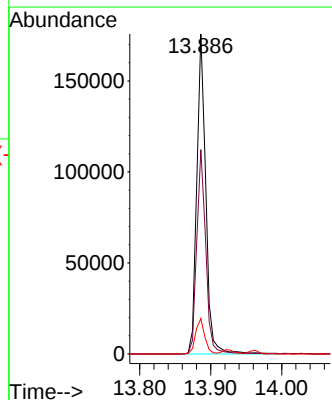
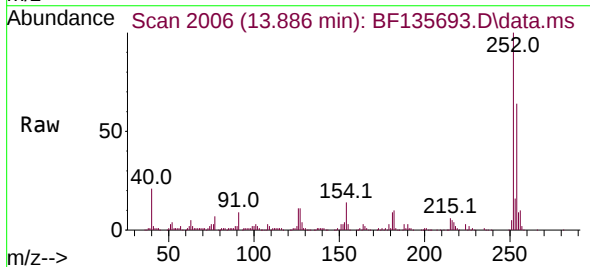
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

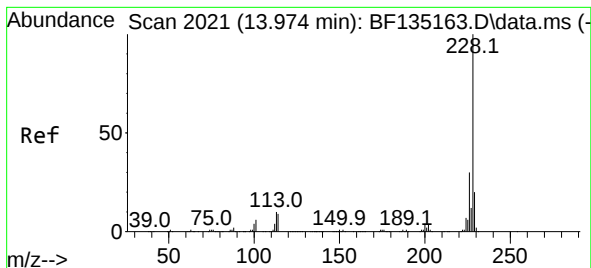
Tgt Ion:228 Resp: 559114  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 20.0 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 51.504 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:252 Resp: 155781  
Ion Ratio Lower Upper  
252 100  
254 63.9 51.0 76.4  
126 11.0 7.8 11.8





#83

Chrysene

Concen: 54.415 ng

RT: 13.962 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

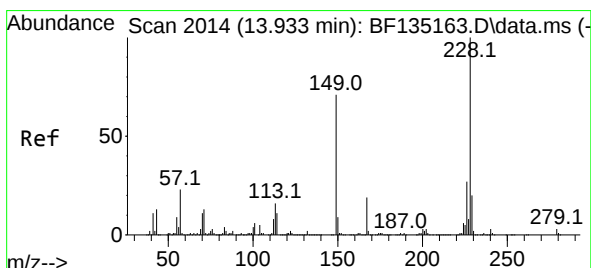
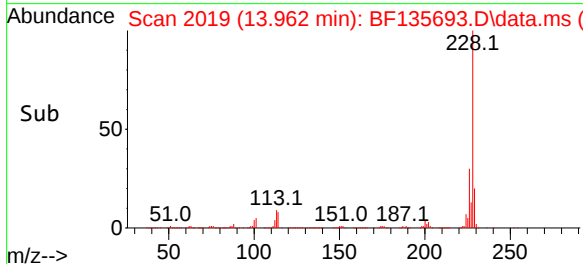
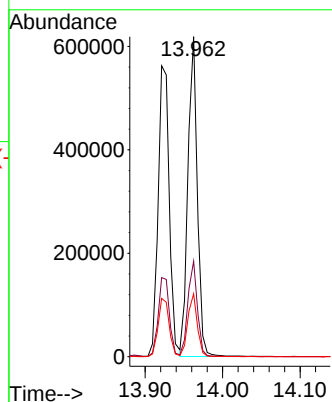
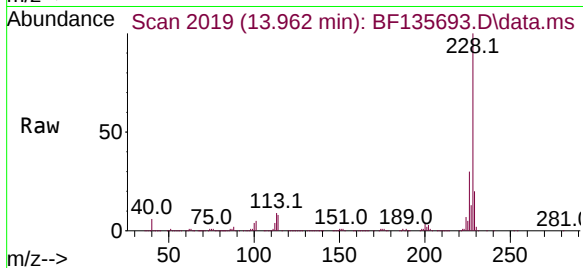
Tgt Ion:228 Resp: 523885

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.298 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

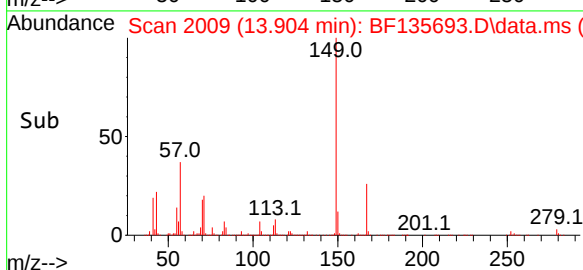
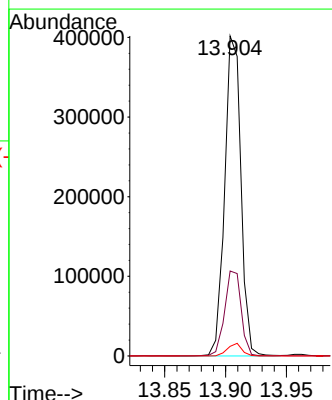
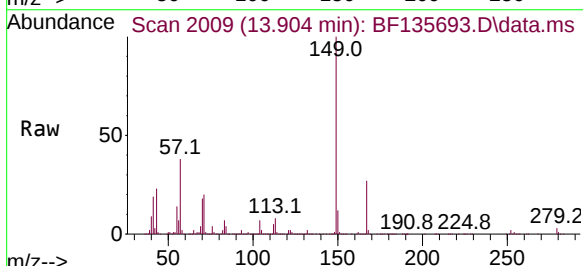
Tgt Ion:149 Resp: 372947

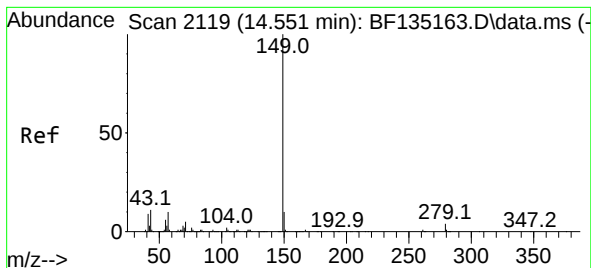
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 3.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 64.029 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

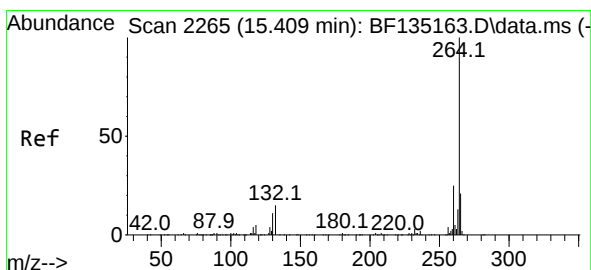
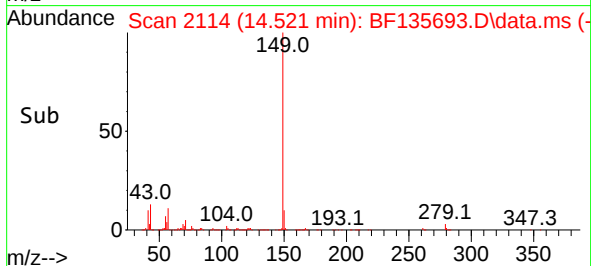
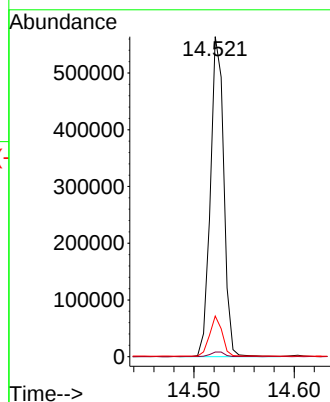
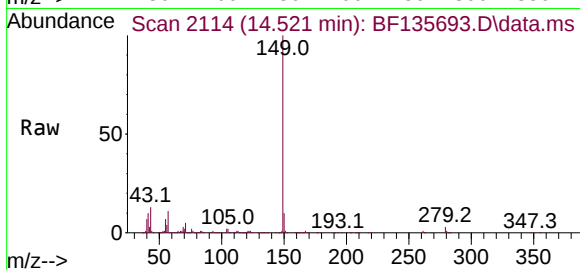
Tgt Ion:149 Resp: 524896

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 12.0 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: BF135693.D

Acq: 10 Oct 2023 19:37

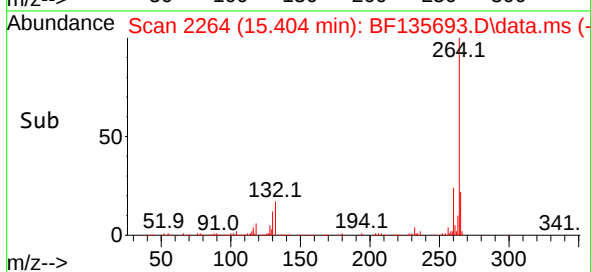
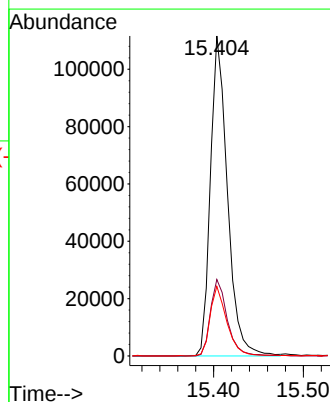
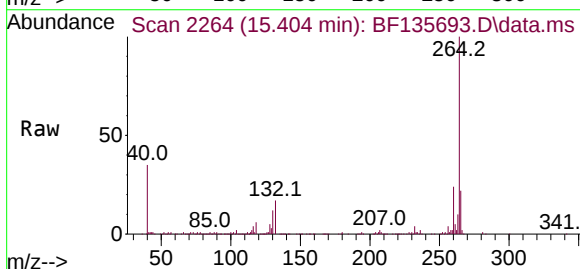
Tgt Ion:264 Resp: 147201

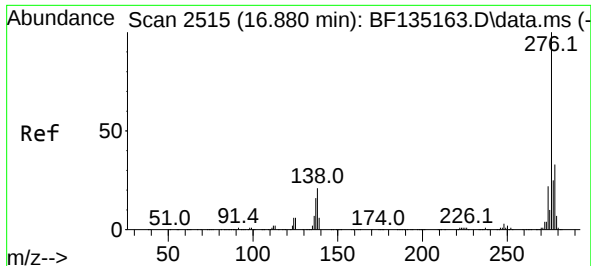
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.8 17.0 25.4

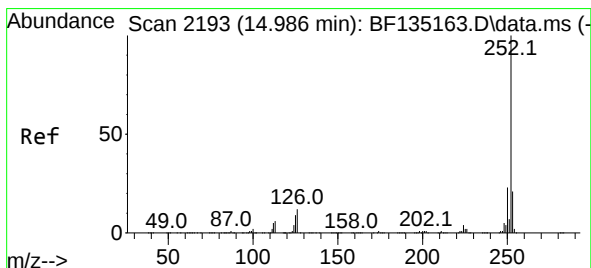
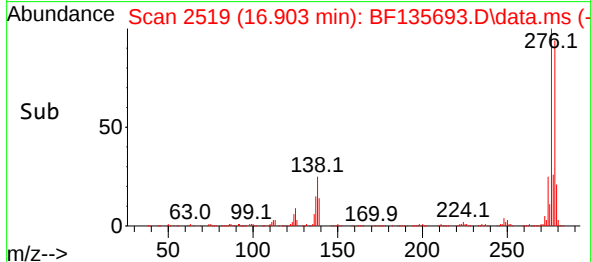
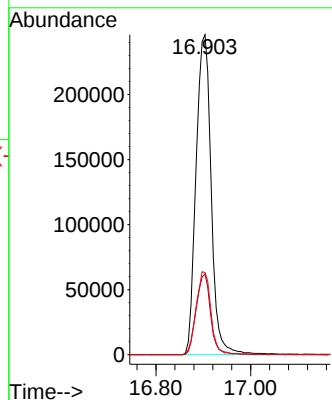
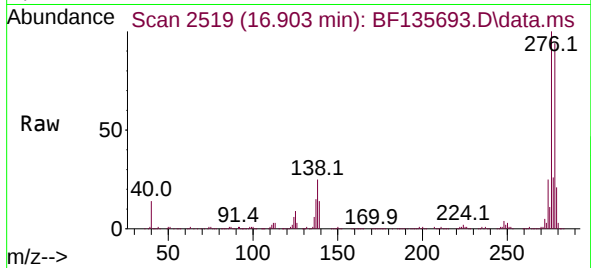




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 56.527 ng  
RT: 16.903 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

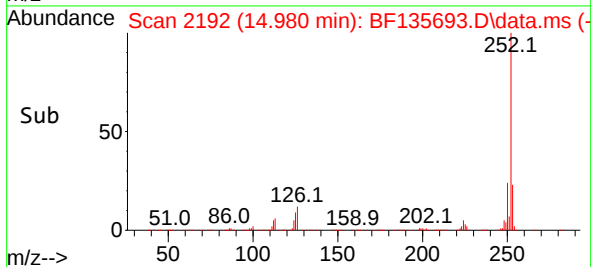
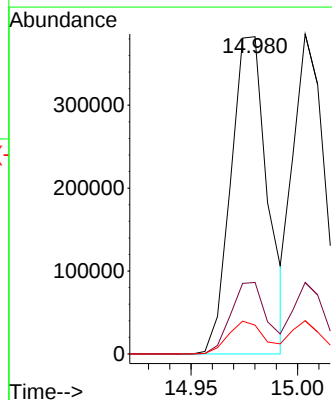
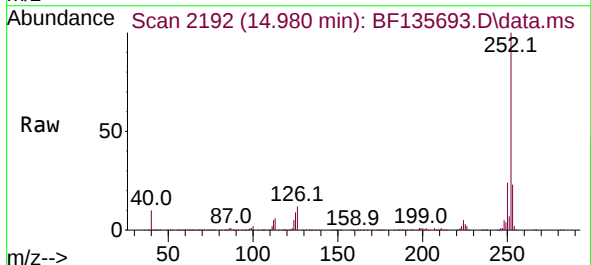
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

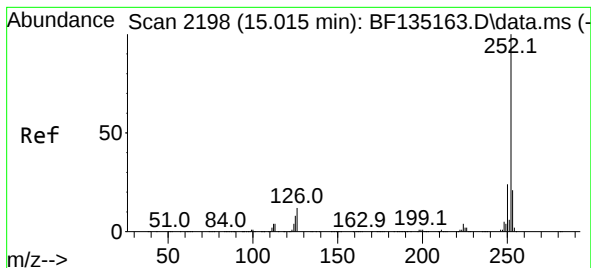
Tgt Ion:276 Resp: 545566  
Ion Ratio Lower Upper  
276 100  
138 24.1 19.2 28.8  
277 25.2 19.7 29.5



#88  
Benzo(b)fluoranthene  
Concen: 57.713 ng  
RT: 14.980 min Scan# 2192  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:252 Resp: 459889  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.2 25.8  
125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.563 ng

RT: 15.004 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

Instrument :

BNA\_F

ClientSampleId :

DTP-2MS

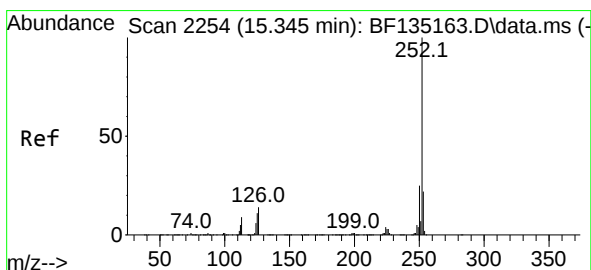
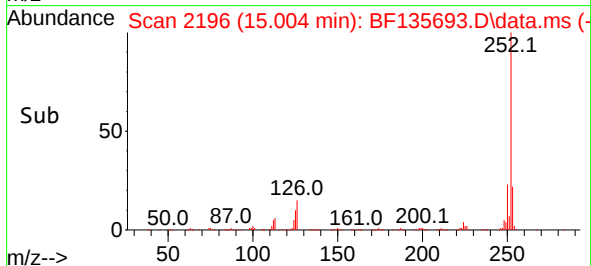
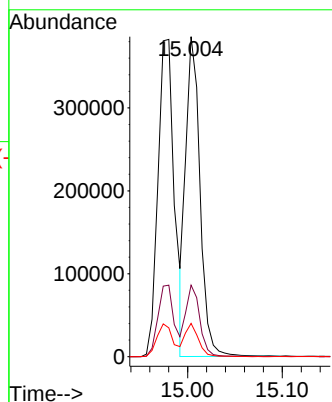
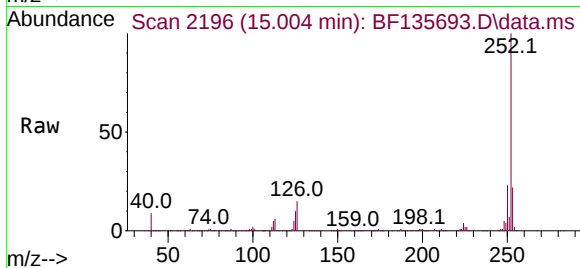
Tgt Ion:252 Resp: 405876

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 53.380 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.000 min

Lab File: BF135693.D

Acq: 10 Oct 2023 19:37

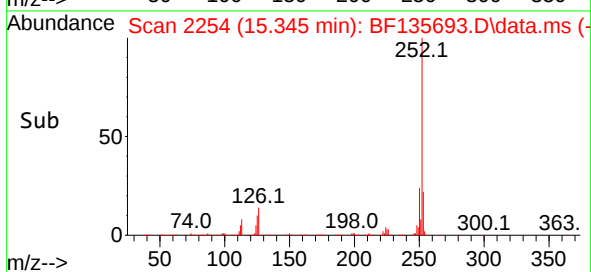
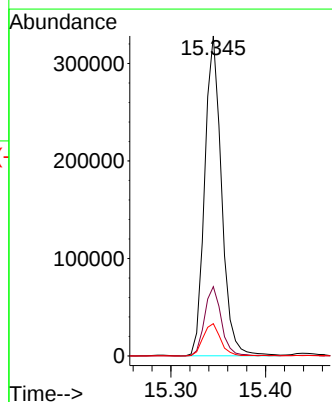
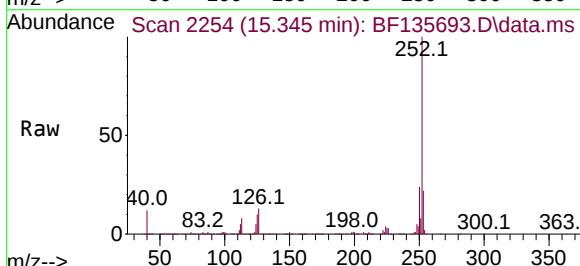
Tgt Ion:252 Resp: 405636

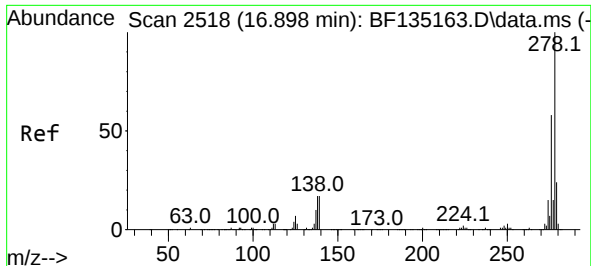
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.1 9.2 13.8

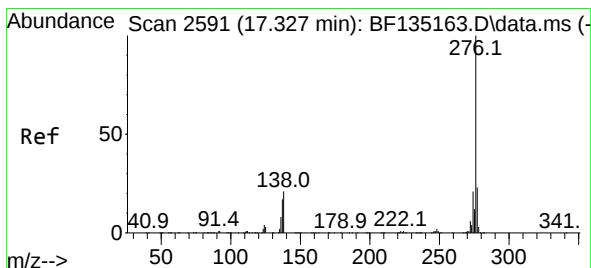
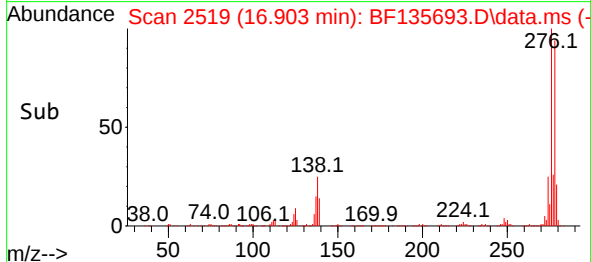
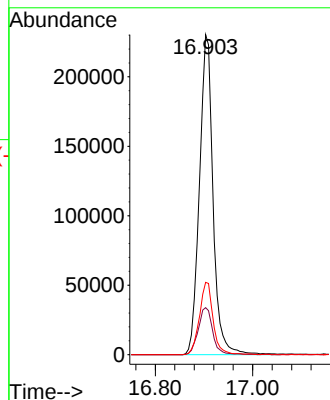
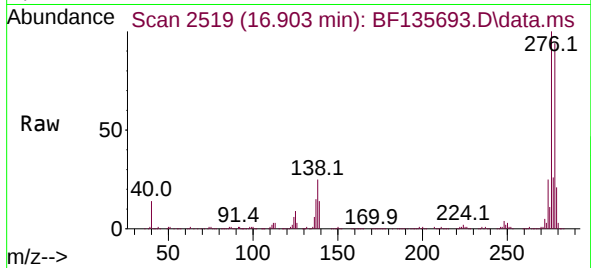




#91  
Dibenzo(a,h)anthracene  
Concen: 56.765 ng  
RT: 16.903 min Scan# 2518  
Delta R.T. -0.006 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
DTP-2MS

Tgt Ion:278 Resp: 448270  
Ion Ratio Lower Upper  
278 100  
139 14.7 13.4 20.0  
279 22.6 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 55.215 ng  
RT: 17.350 min Scan# 2595  
Delta R.T. -0.000 min  
Lab File: BF135693.D  
Acq: 10 Oct 2023 19:37

Tgt Ion:276 Resp: 455378  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.8 28.2  
138 19.9 16.9 25.3

