

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100423\  
 Data File : BF135586.D  
 Acq On : 04 Oct 2023 23:55  
 Operator : CG\JU  
 Sample : 04703-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E9066-OB-001

Quant Time: Oct 05 00:50:53 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 04 17:06:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.740  | 152  | 138194   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 539129   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.775  | 164  | 273842   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.269 | 188  | 527599   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.927 | 240  | 242070   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.386 | 264  | 278746   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 727930   | 85.672 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.393  | 99   | 907801   | 84.024 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 582268   | 58.677 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.575 | 330  | 212837   | 78.211 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 1042080  | 57.413 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.863 | 244  | 1021416  | 65.410 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.516  | 88   | 194831   | 52.307 | ng    | 95       |
| 3) Pyridine                   | 3.257  | 79   | 423220   | 42.217 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.234  | 42   | 267075   | 50.205 | ng    | 98       |
| 6) Aniline                    | 6.410  | 93   | 395303   | 27.902 | ng    | # 49     |
| 8) 2-Chlorophenol             | 6.528  | 128  | 449976   | 49.610 | ng    | 98       |
| 9) Benzaldehyde               | 6.298  | 77   | 100860   | 16.387 | ng    | 98       |
| 10) Phenol                    | 6.404  | 94   | 556126   | 46.942 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.481  | 93   | 452771   | 50.950 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.675  | 146  | 439537   | 47.682 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.757  | 146  | 447360   | 47.701 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.904  | 146  | 410384   | 47.120 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.893  | 79   | 363043   | 46.827 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016  | 45   | 790141   | 47.171 | ng    | 74       |
| 17) 2-Methylphenol            | 7.010  | 107  | 343345   | 42.896 | ng    | # 92     |
| 18) Hexachloroethane          | 7.240  | 117  | 168569   | 48.646 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.157  | 70   | 298270   | 44.571 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.163  | 107  | 439528   | 45.667 | ng    | # 70     |
| 22) Acetophenone              | 7.151  | 105  | 576085   | 46.738 | ng    | 91       |
| 24) Nitrobenzene              | 7.322  | 77   | 478087   | 48.744 | ng    | 99       |
| 25) Isophorone                | 7.563  | 82   | 880265   | 48.308 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.640  | 139  | 243521   | 51.731 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.687  | 122  | 329456   | 41.637 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.775  | 93   | 558999   | 51.254 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.887  | 162  | 368329   | 50.236 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 7.957  | 180  | 368136   | 48.037 | ng    | 99       |
| 31) Naphthalene               | 8.040  | 128  | 1235948  | 47.183 | ng    | 100      |
| 32) Benzoic acid              | 7.840  | 122  | 289366   | 48.566 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.104  | 127  | 139415   | 12.131 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.151  | 225  | 212051   | 45.889 | ng    | 98       |
| 35) Caprolactam               | 8.481  | 113  | 80882    | 32.869 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.598  | 107  | 396454   | 48.651 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.734  | 142  | 783193   | 44.479 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.828  | 142  | 757893   | 45.974 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.898  | 216  | 375895   | 47.381 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.881  | 237  | 176171   | 53.129 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 245461   | 47.255 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100423\  
 Data File : BF135586.D  
 Acq On : 04 Oct 2023 23:55  
 Operator : CG\JU  
 Sample : 04703-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

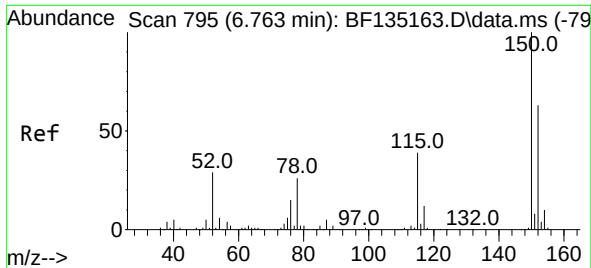
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E9066-OB-001

Quant Time: Oct 05 00:50:53 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 04 17:06:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.069  | 196  | 260989   | 43.630 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.198  | 154  | 987175   | 46.909 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.222  | 162  | 726908   | 47.607 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.334  | 65   | 293122   | 49.414 | ng    | 99       |
| 49) Acenaphthylene            | 9.639  | 152  | 1185053  | 46.700 | ng    | 99       |
| 50) Dimethylphthalate         | 9.510  | 163  | 879842   | 47.522 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.575  | 165  | 194063   | 47.847 | ng    | 97       |
| 52) Acenaphthene              | 9.810  | 154  | 697732   | 46.545 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.745  | 138  | 148638   | 31.220 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.869  | 184  | 206476   | 88.918 | ng    | 94       |
| 55) Dibenzofuran              | 9.986  | 168  | 1000523  | 43.738 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.934  | 139  | 234677   | 77.558 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 9.986  | 165  | 231544   | 45.601 | ng    | # 81     |
| 58) Fluorene                  | 10.328 | 166  | 807712   | 45.930 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232  | 215303   | 46.790 | ng    | 97       |
| 60) Diethylphthalate          | 10.204 | 149  | 887258   | 47.751 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204  | 377632   | 44.703 | ng    | 93       |
| 62) 4-Nitroaniline            | 10.369 | 138  | 203510   | 44.469 | ng    | 100      |
| 63) Azobenzene                | 10.481 | 77   | 896075   | 49.275 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.398 | 198  | 137742   | 49.154 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.445 | 169  | 740464   | 46.358 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248  | 239790   | 45.697 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.875 | 284  | 257603   | 48.187 | ng    | # 88     |
| 69) Atrazine                  | 10.980 | 200  | 231431   | 53.848 | ng    | 99       |
| 70) Pentachlorophenol         | 11.080 | 266  | 212671   | 66.493 | ng    | 98       |
| 71) Phenanthrene              | 11.292 | 178  | 1167916  | 46.804 | ng    | 98       |
| 72) Anthracene                | 11.345 | 178  | 1192339  | 46.486 | ng    | 100      |
| 73) Carbazole                 | 11.510 | 167  | 1132519  | 48.504 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.833 | 149  | 1392958  | 50.629 | ng    | 99       |
| 75) Fluoranthene              | 12.492 | 202  | 1219333  | 46.896 | ng    | 99       |
| 77) Benzidine                 | 12.622 | 184  | 123945   | 24.993 | ng    | 99       |
| 78) Pyrene                    | 12.722 | 202  | 1216340  | 52.777 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.339 | 149  | 492960   | 60.751 | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.916 | 228  | 781902   | 50.022 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.880 | 252  | 190178   | 38.951 | ng    | 98       |
| 83) Chrysene                  | 13.951 | 228  | 761331   | 48.989 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.904 | 149  | 558549   | 67.078 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.516 | 149  | 865848   | 65.431 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.874 | 276  | 949327   | 51.943 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 14.992 | 252  | 633661   | 41.993 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.992 | 252  | 633661   | 42.511 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.327 | 252  | 661001   | 45.935 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.886 | 278  | 779226   | 52.108 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.321 | 276  | 812295   | 52.012 | ng    | 98       |

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

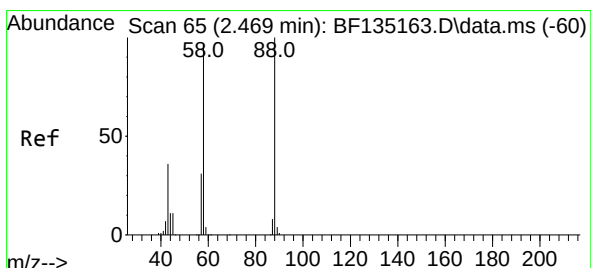
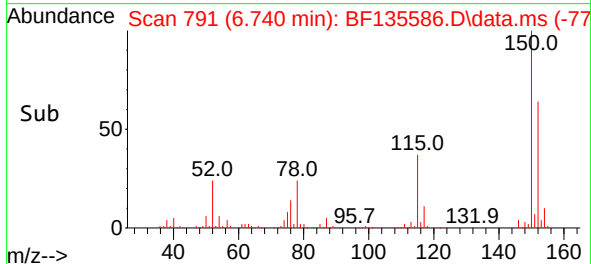
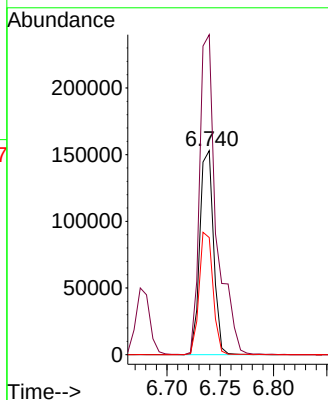
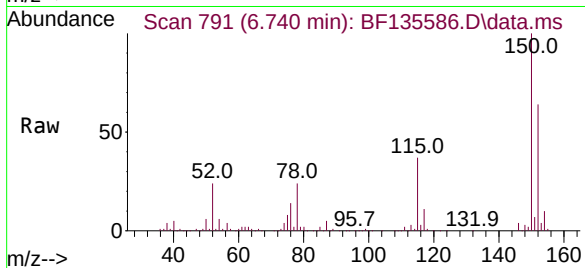




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.740 min Scan# 79  
 Delta R.T. 0.001 min  
 Lab File: BF135586.D  
 Acq: 04 Oct 2023 23:55

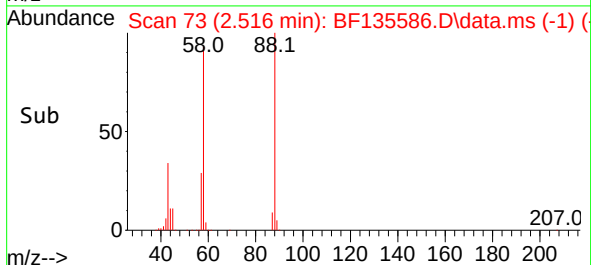
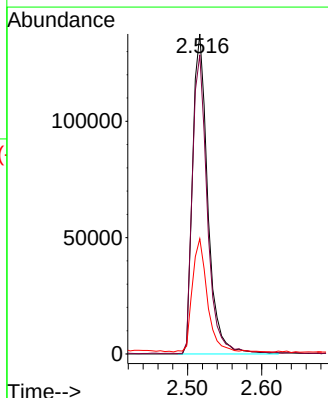
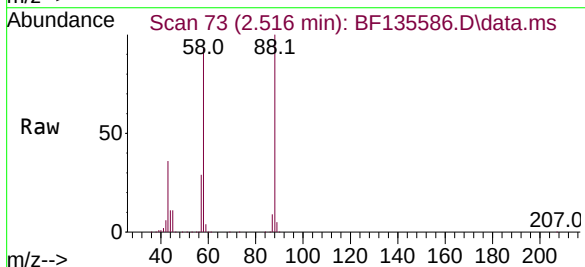
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E9066-OB-001

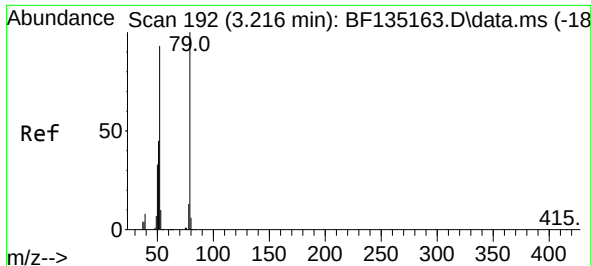
Tgt Ion:152 Resp: 138194  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 127.8 191.6  
 115 57.4 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 52.307 ng  
 RT: 2.516 min Scan# 73  
 Delta R.T. 0.094 min  
 Lab File: BF135586.D  
 Acq: 04 Oct 2023 23:55

Tgt Ion: 88 Resp: 194831  
 Ion Ratio Lower Upper  
 88 100  
 58 92.4 78.3 117.5  
 43 35.5 29.4 44.0

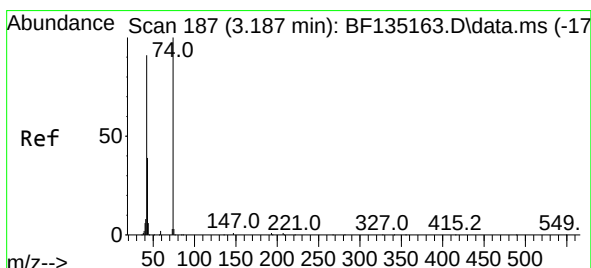
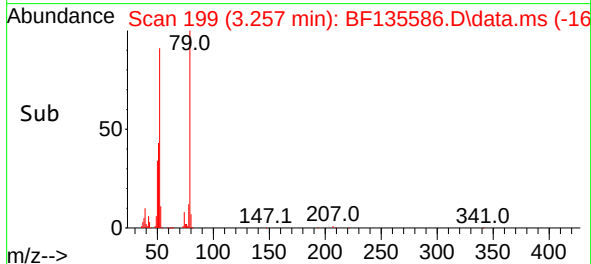
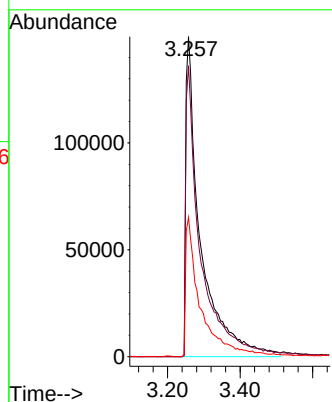
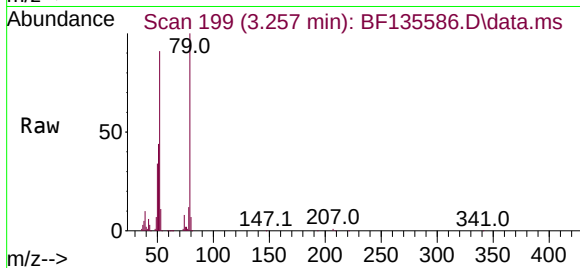




#3  
Pyridine  
Concen: 42.217 ng  
RT: 3.257 min Scan# 199  
Delta R.T. 0.094 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

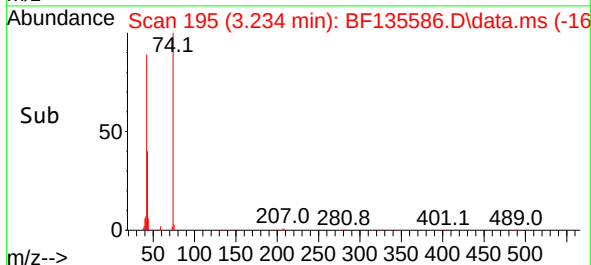
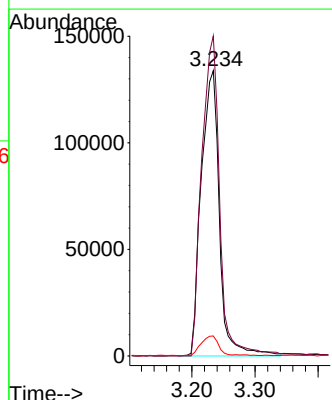
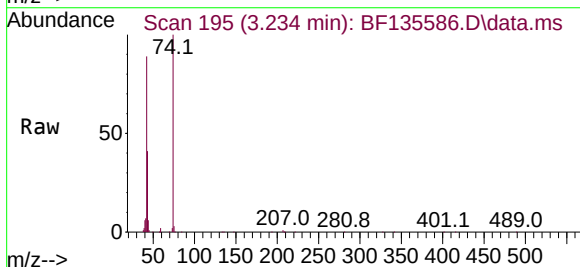
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

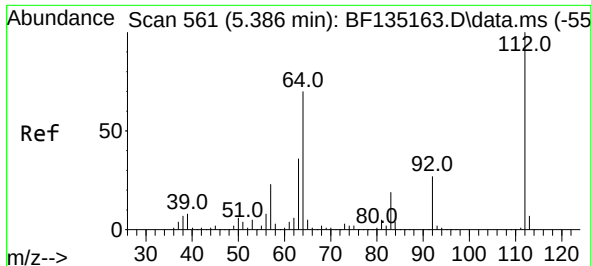
Tgt Ion: 79 Resp: 423220  
Ion Ratio Lower Upper  
79 100  
52 90.9 74.1 111.1  
51 43.6 35.8 53.8



#4  
n-Nitrosodimethylamine  
Concen: 50.205 ng  
RT: 3.234 min Scan# 195  
Delta R.T. 0.100 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion: 42 Resp: 267075  
Ion Ratio Lower Upper  
42 100  
74 112.2 87.7 131.5  
44 7.0 5.6 8.4

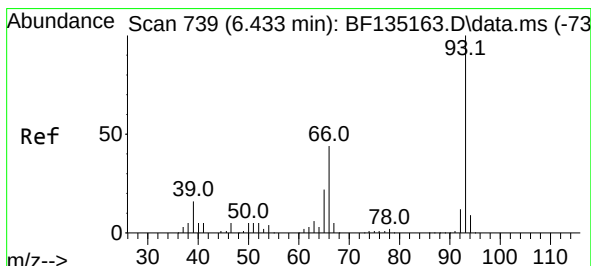
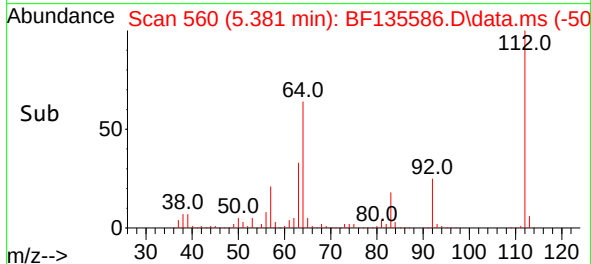
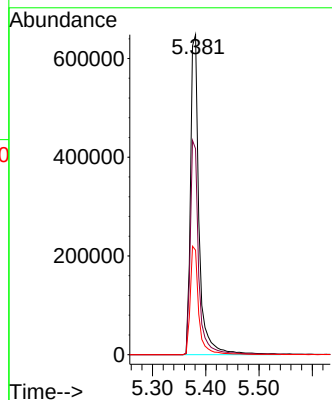
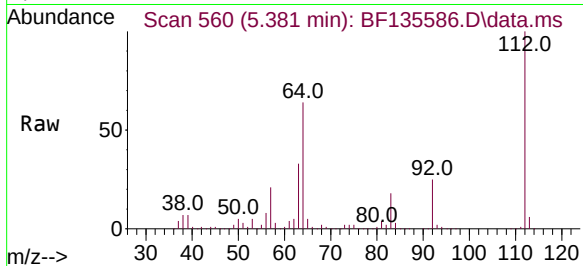




#5  
2-Fluorophenol  
Concen: 85.672 ng  
RT: 5.381 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

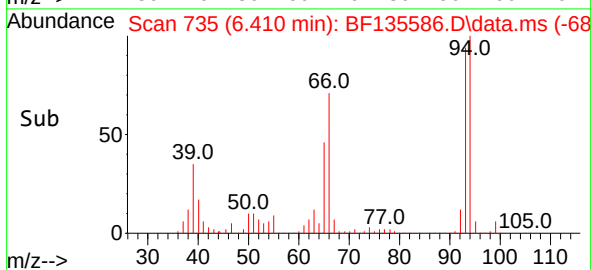
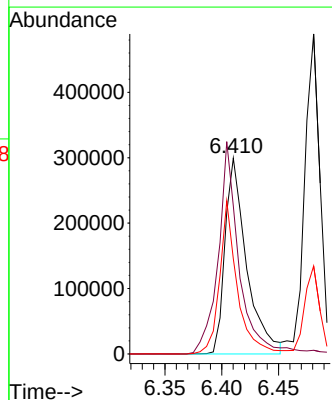
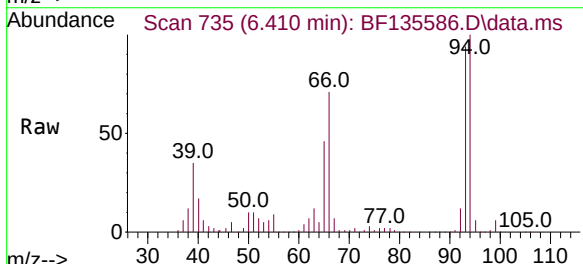
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

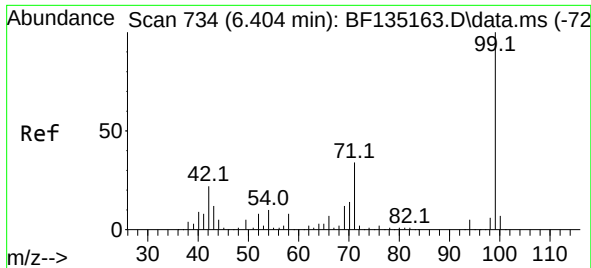
Tgt Ion:112 Resp: 727930  
Ion Ratio Lower Upper  
112 100  
64 64.3 55.9 83.9  
63 32.7 29.0 43.6



#6  
Aniline  
Concen: 27.902 ng  
RT: 6.410 min Scan# 735  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion: 93 Resp: 395303  
Ion Ratio Lower Upper  
93 100  
66 75.5 35.4 53.0#  
65 48.6 17.8 26.8#





#7

Phenol-d6

Concen: 84.024 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

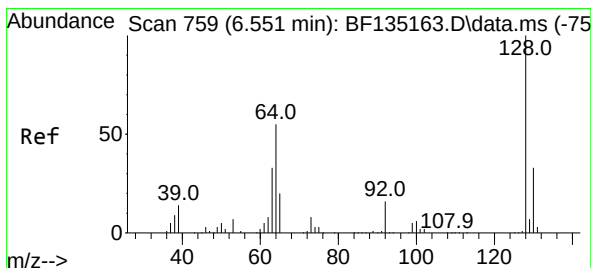
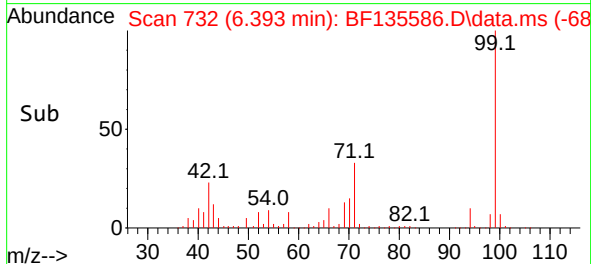
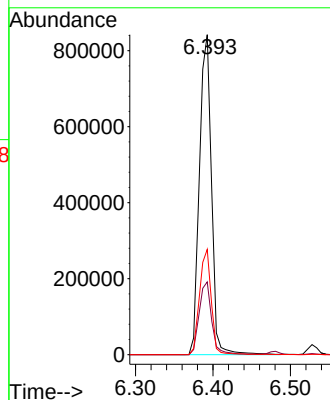
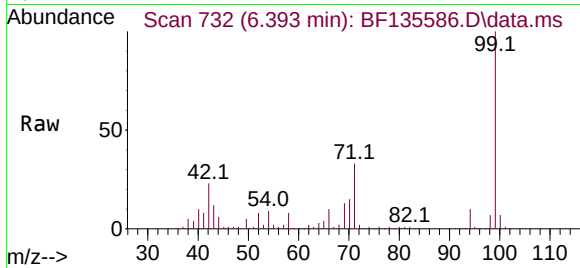
Tgt Ion: 99 Resp: 907801

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 32.9 27.0 40.6



#8

2-Chlorophenol

Concen: 49.610 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

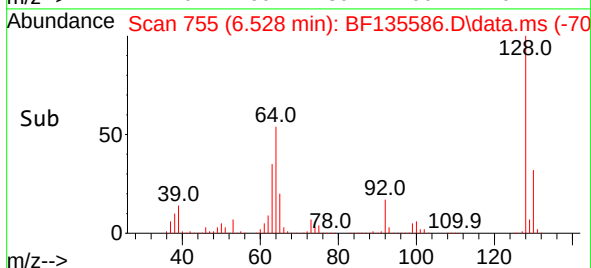
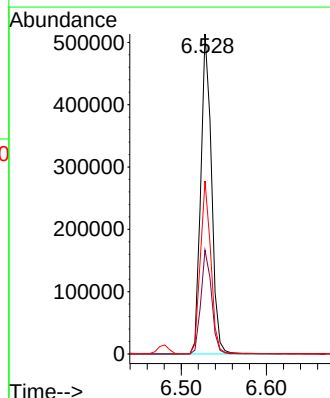
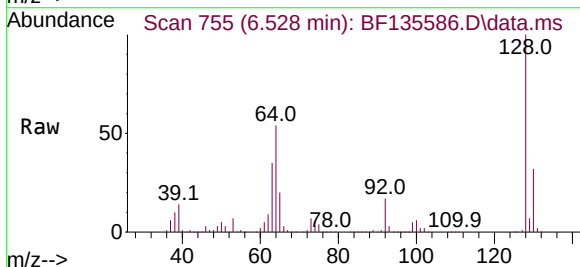
Tgt Ion:128 Resp: 449976

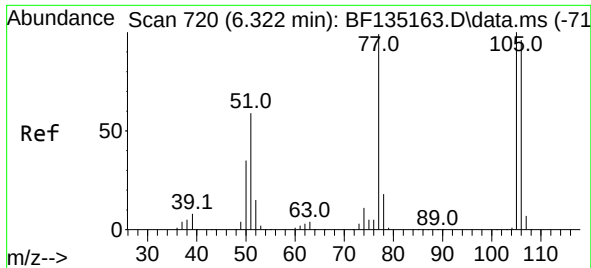
Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

64 54.0 35.9 75.9





#9

Benzaldehyde

Concen: 16.387 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

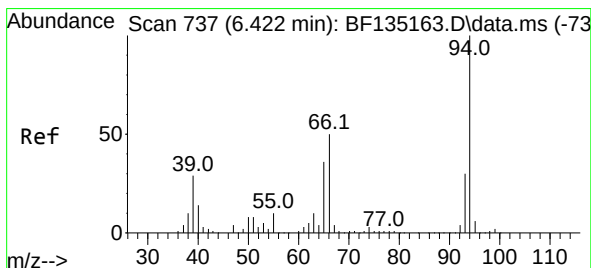
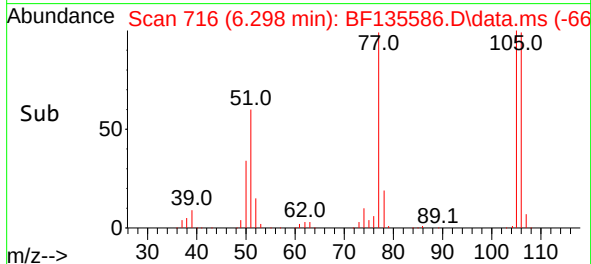
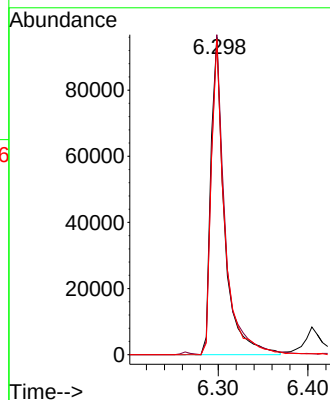
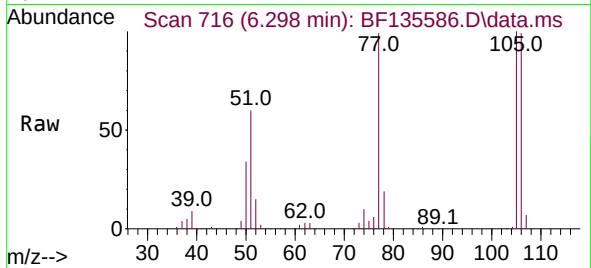
Tgt Ion: 77 Resp: 100860

Ion Ratio Lower Upper

77 100

105 100.8 81.4 121.4

106 99.4 76.9 116.9



#10

Phenol

Concen: 46.942 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

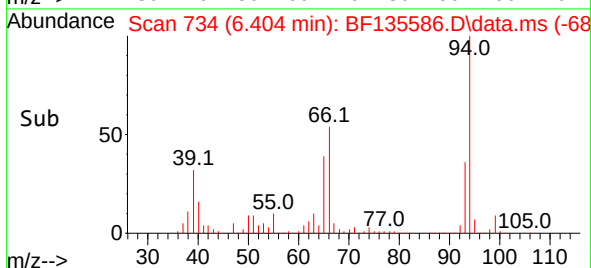
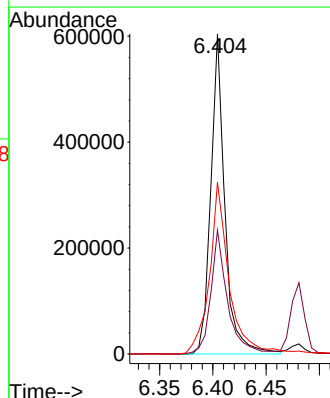
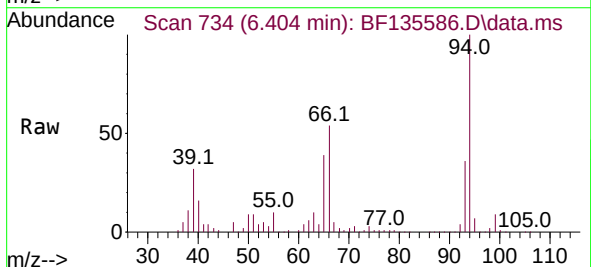
Tgt Ion: 94 Resp: 556126

Ion Ratio Lower Upper

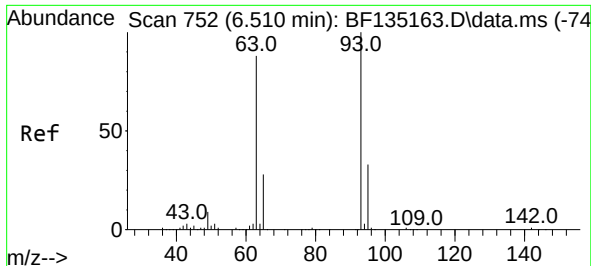
94 100

65 38.7 15.9 55.9

66 53.7 29.8 69.8







#11

bis(2-Chloroethyl)ether

Concen: 50.950 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

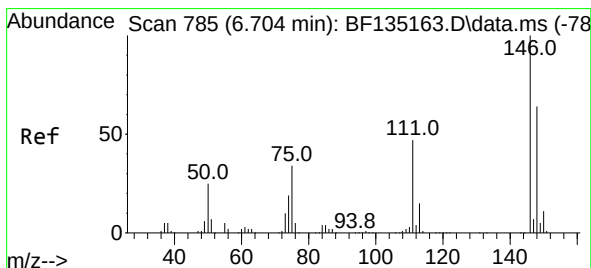
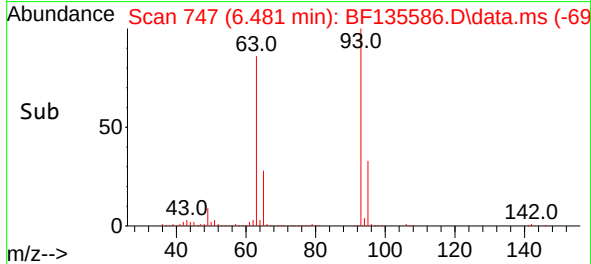
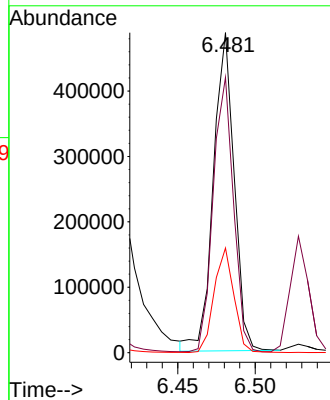
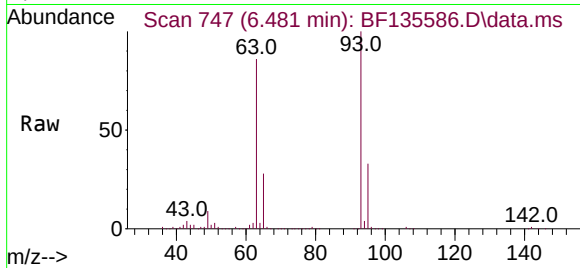
Tgt Ion: 93 Resp: 452771

Ion Ratio Lower Upper

93 100

63 86.1 67.3 107.3

95 32.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.682 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

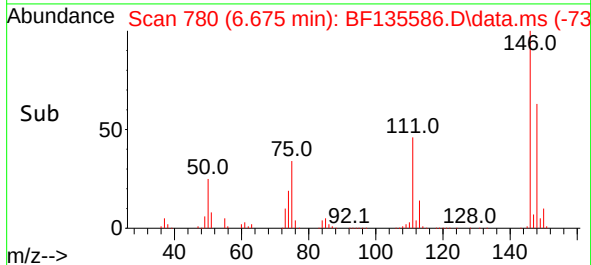
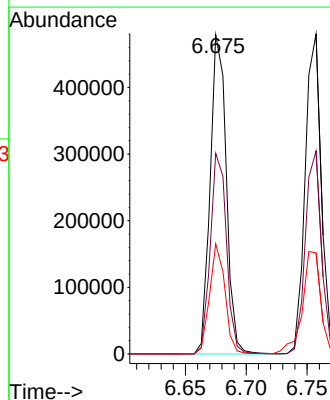
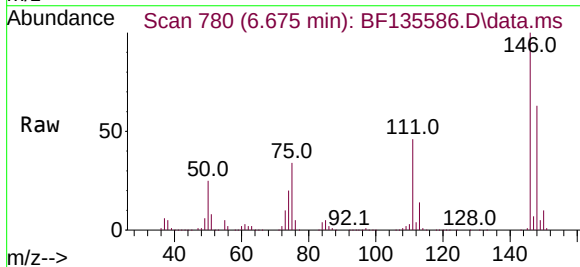
Tgt Ion:146 Resp: 439537

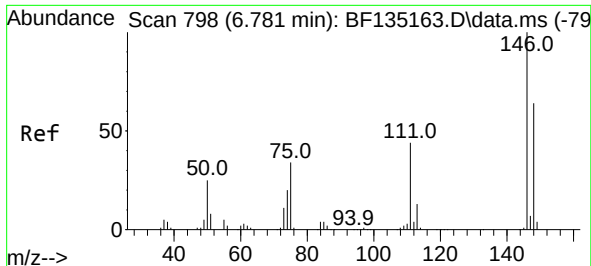
Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

75 34.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.701 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

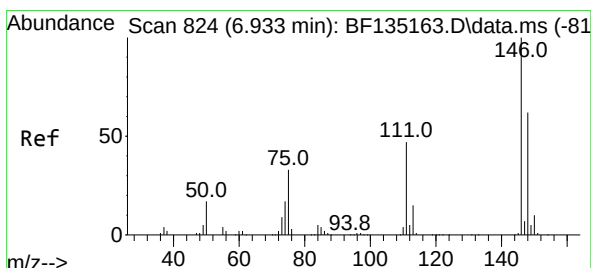
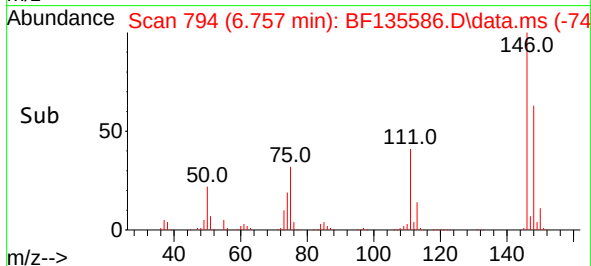
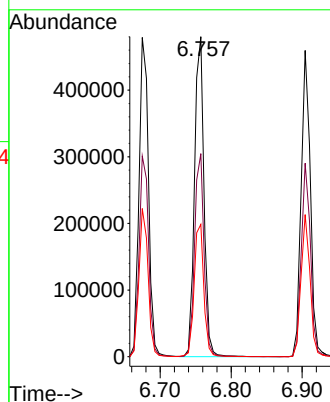
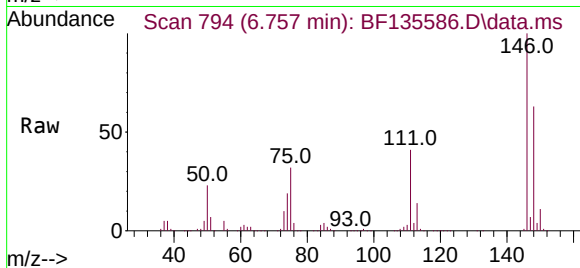
Tgt Ion:146 Resp: 447360

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

111 41.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.120 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

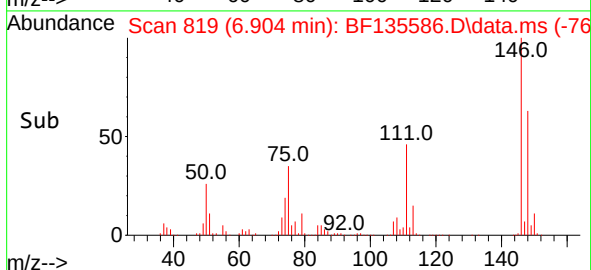
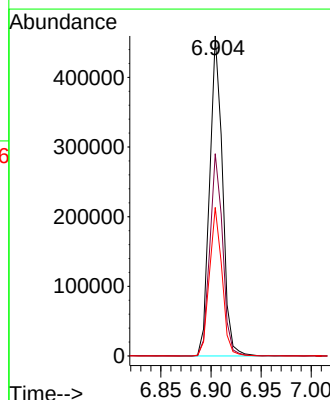
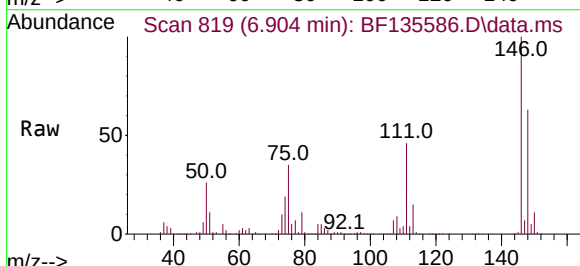
Tgt Ion:146 Resp: 410384

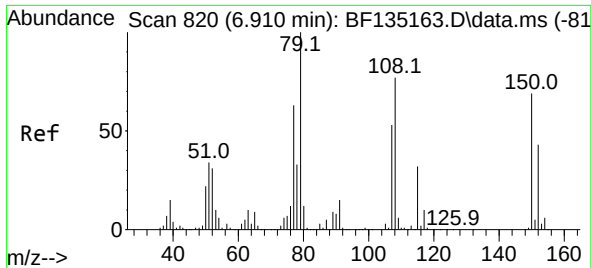
Ion Ratio Lower Upper

146 100

148 63.2 49.7 74.5

111 46.4 37.4 56.2

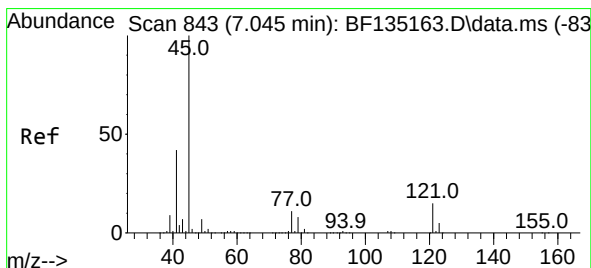
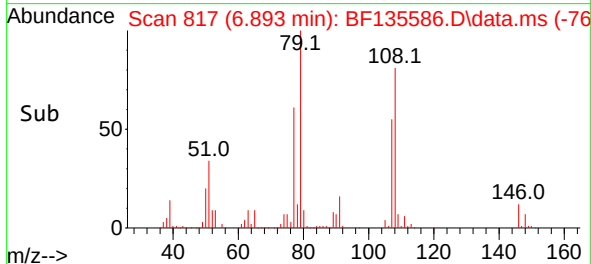
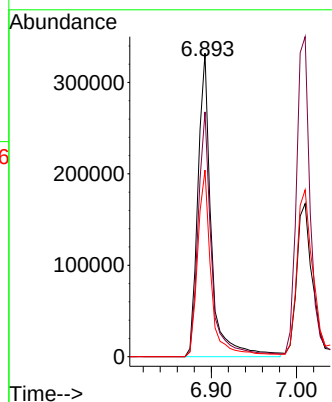
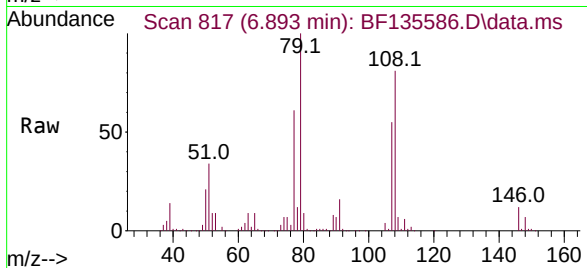




#15  
Benzyl Alcohol  
Concen: 46.827 ng  
RT: 6.893 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

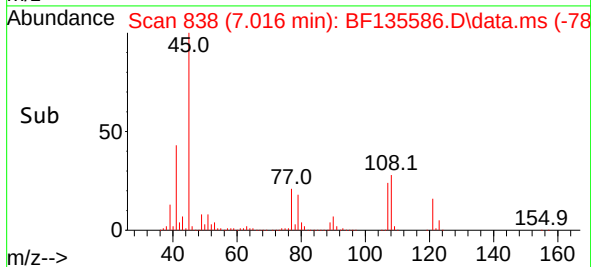
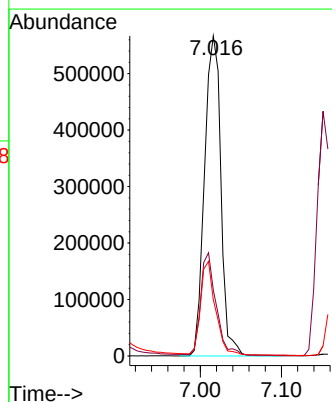
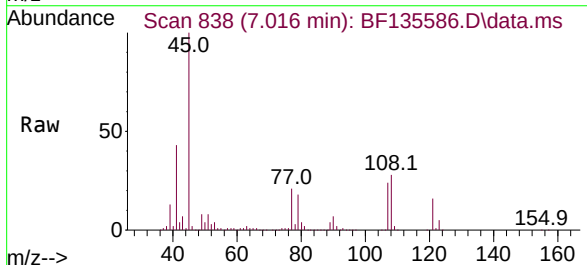
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

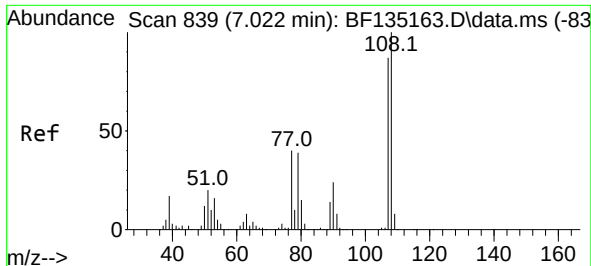
Tgt Ion: 79 Resp: 363043  
Ion Ratio Lower Upper  
79 100  
108 80.7 61.2 91.8  
77 61.5 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.171 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion: 45 Resp: 790141  
Ion Ratio Lower Upper  
45 100  
77 20.6 0.0 30.6  
79 17.6 0.0 28.3

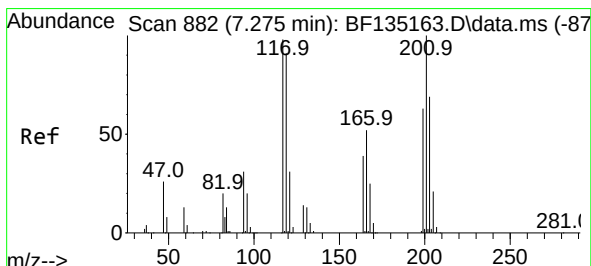
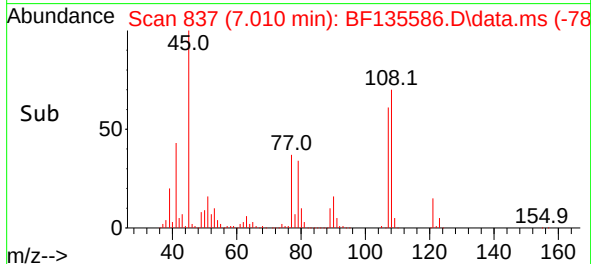
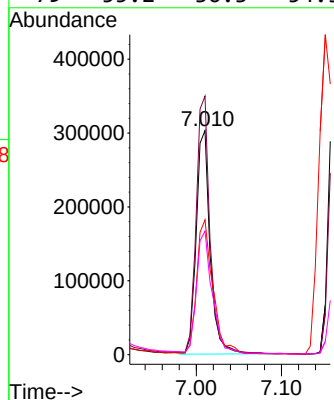
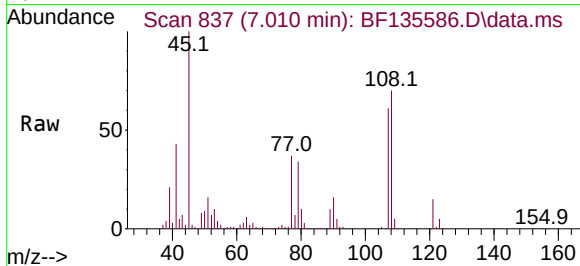




#17  
2-Methylphenol  
Concen: 42.896 ng  
RT: 7.010 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

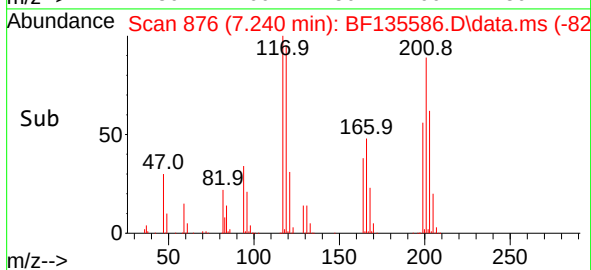
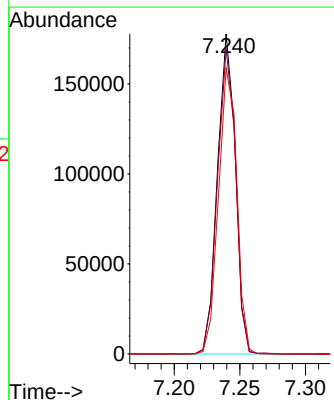
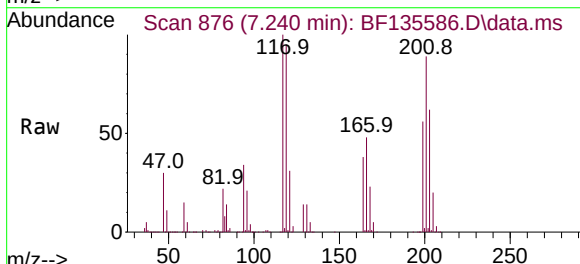
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

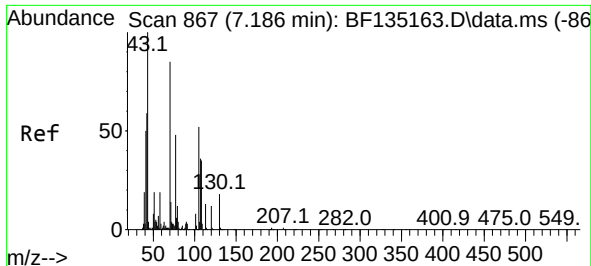
Tgt Ion:107 Resp: 343345  
Ion Ratio Lower Upper  
107 100  
108 115.4 92.0 138.0  
77 60.2 36.7 55.1#  
79 55.2 36.3 54.5#



#18  
Hexachloroethane  
Concen: 48.646 ng  
RT: 7.240 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:117 Resp: 168569  
Ion Ratio Lower Upper  
117 100  
119 95.4 74.7 112.1  
201 89.3 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.571 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135586.D

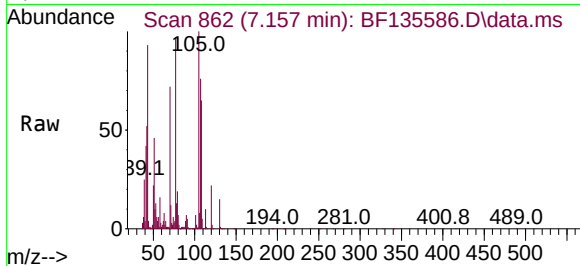
Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001



Tgt Ion: 70 Resp: 298270

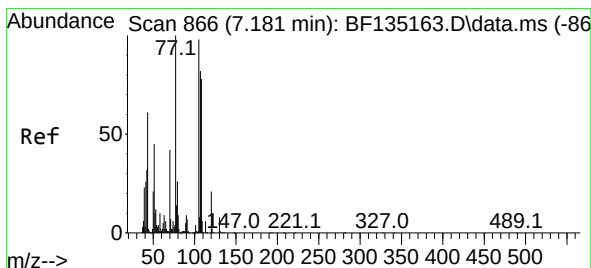
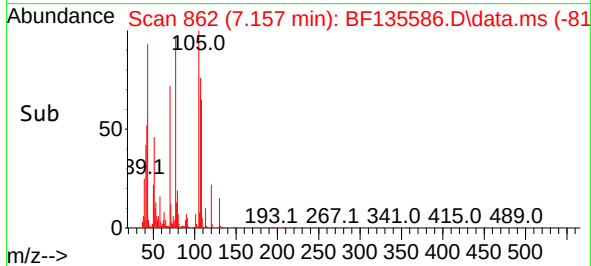
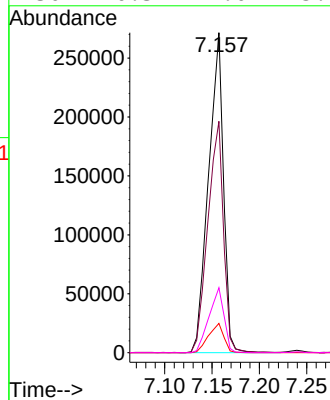
Ion Ratio Lower Upper

70 100

42 72.3 55.4 83.0

101 9.1 7.7 11.5

130 20.3 17.0 25.6



#20

3+4-Methylphenols

Concen: 45.667 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Tgt Ion: 107 Resp: 439528

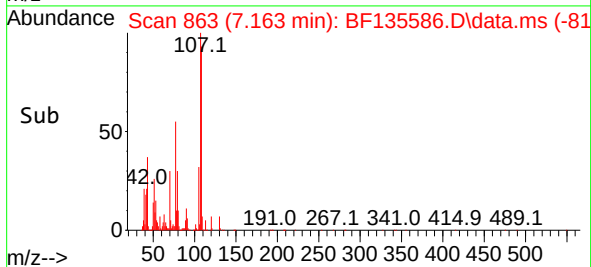
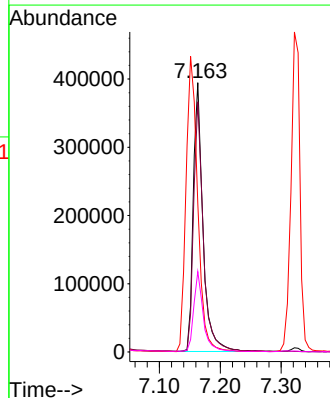
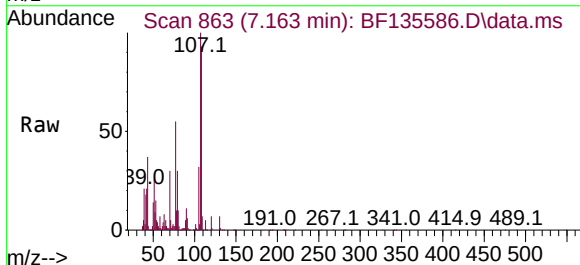
Ion Ratio Lower Upper

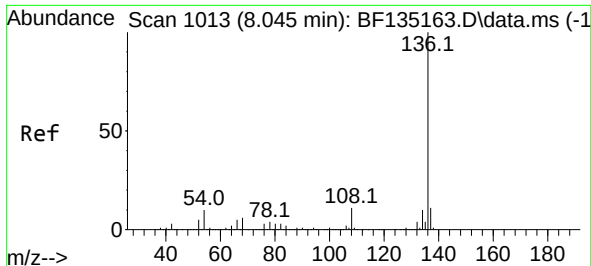
107 100

108 92.9 74.7 114.7

77 55.2 102.0 142.0#

79 29.8 11.7 51.7

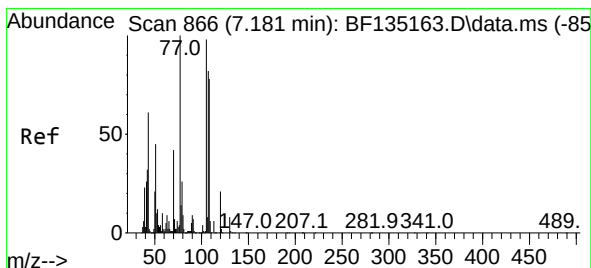
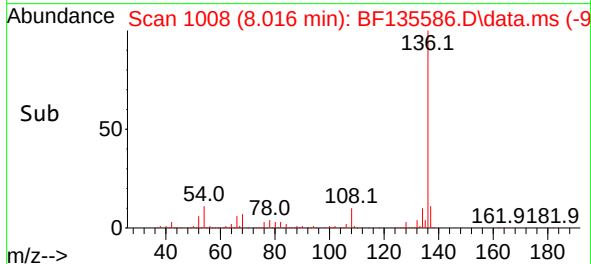
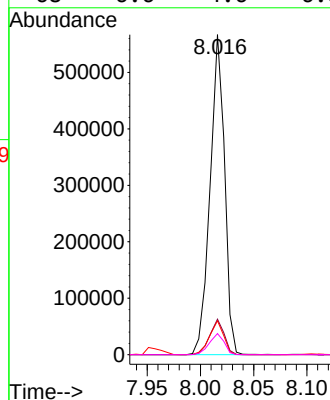
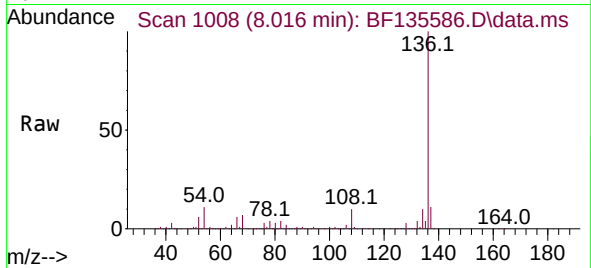




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

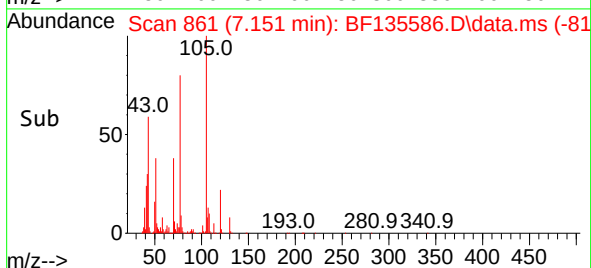
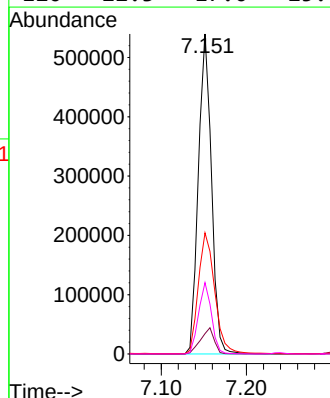
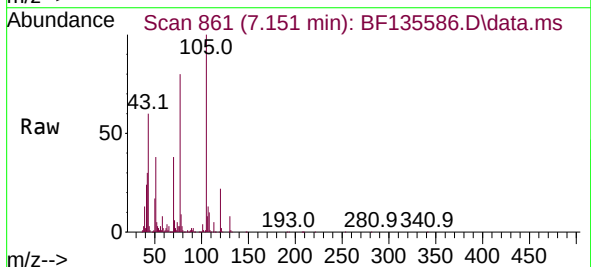
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

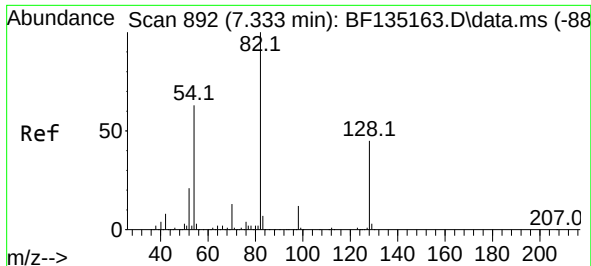
Tgt Ion:136 Resp: 539129  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 10.6 7.7 11.5  
68 6.6 4.6 6.8



#22  
Acetophenone  
Concen: 46.738 ng  
RT: 7.151 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:105 Resp: 576085  
Ion Ratio Lower Upper  
105 100  
71 6.3 5.8 8.6  
51 37.8 37.0 55.4  
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 58.677 ng

RT: 7.304 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

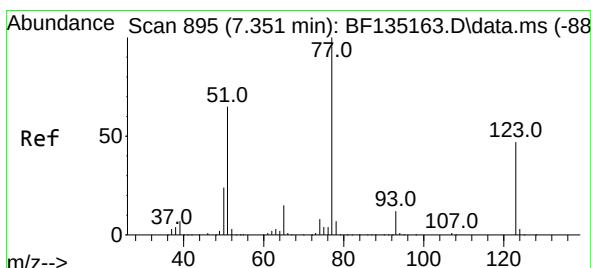
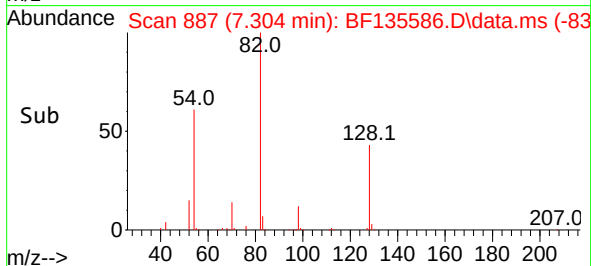
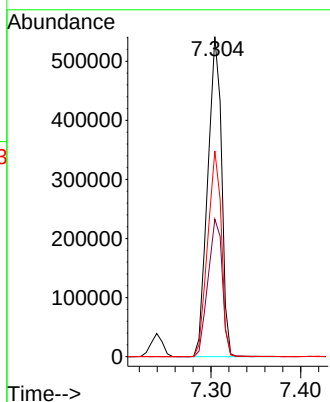
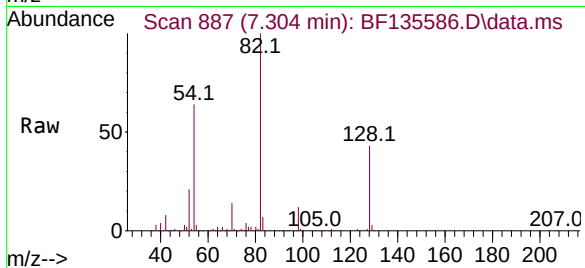
Tgt Ion: 82 Resp: 582268

Ion Ratio Lower Upper

82 100

128 43.0 35.8 53.6

54 64.3 50.6 76.0



#24

Nitrobenzene

Concen: 48.744 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

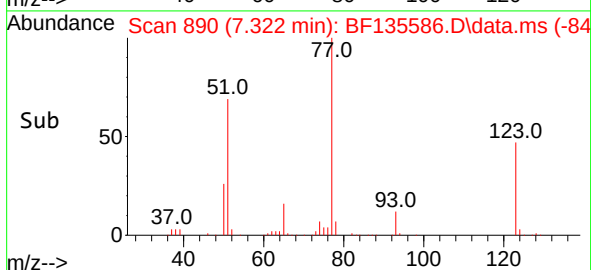
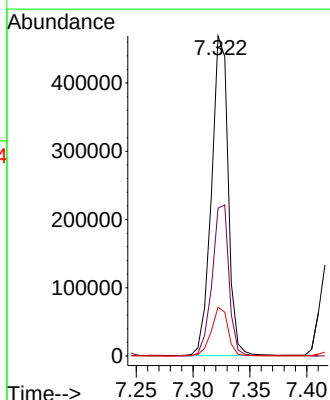
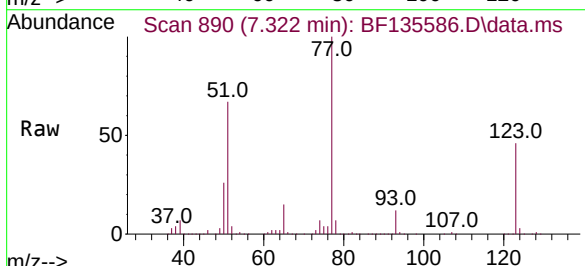
Tgt Ion: 77 Resp: 478087

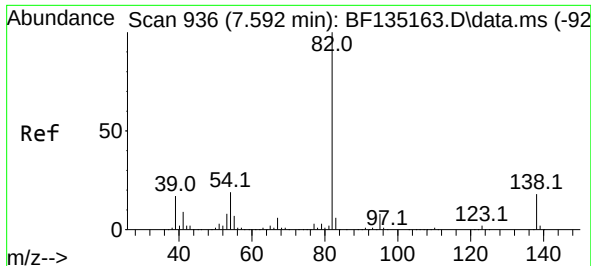
Ion Ratio Lower Upper

77 100

123 46.2 37.6 56.4

65 15.2 12.2 18.4

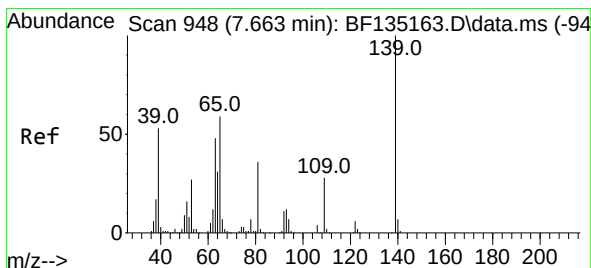
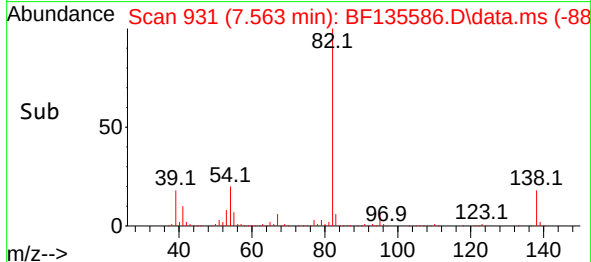
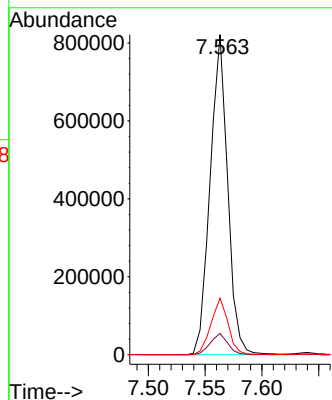
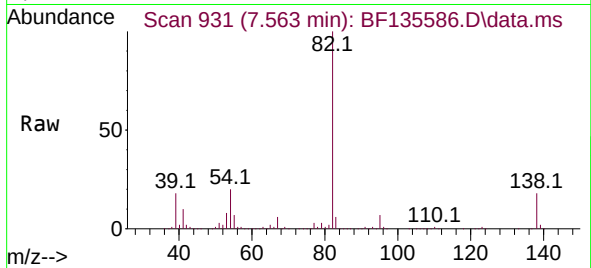




#25  
Isophorone  
Concen: 48.308 ng  
RT: 7.563 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

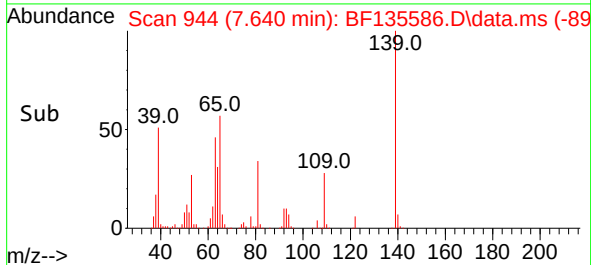
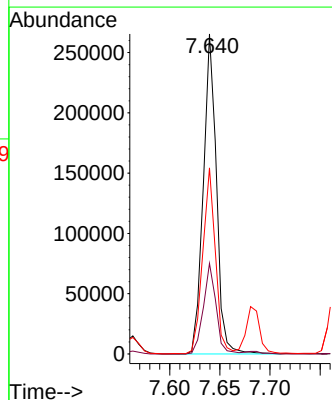
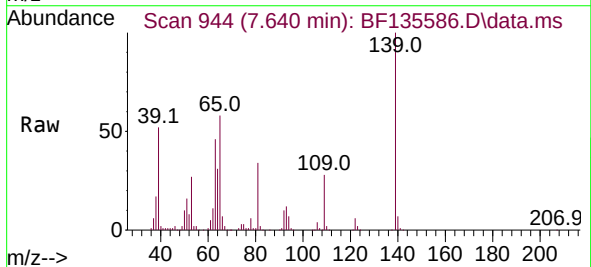
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

Tgt Ion: 82 Resp: 880265  
Ion Ratio Lower Upper  
82 100  
95 6.7 6.0 9.0  
138 17.7 14.5 21.7

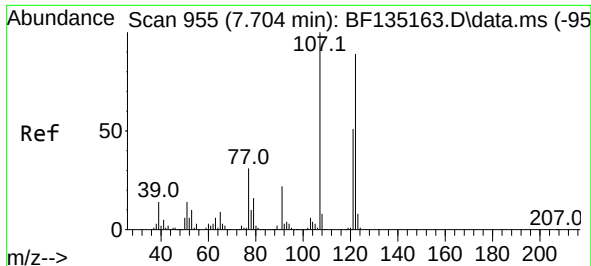


#26  
2-Nitrophenol  
Concen: 51.731 ng  
RT: 7.640 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion: 139 Resp: 243521  
Ion Ratio Lower Upper  
139 100  
109 28.3 22.6 33.8  
65 58.2 47.0 70.4







#27

2,4-Dimethylphenol

Concen: 41.637 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

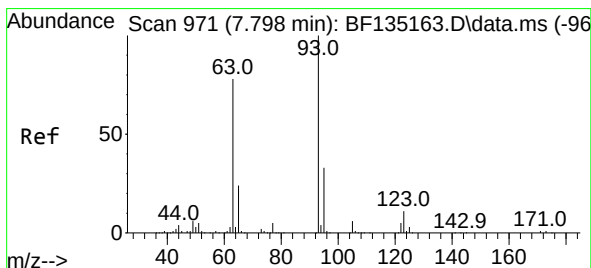
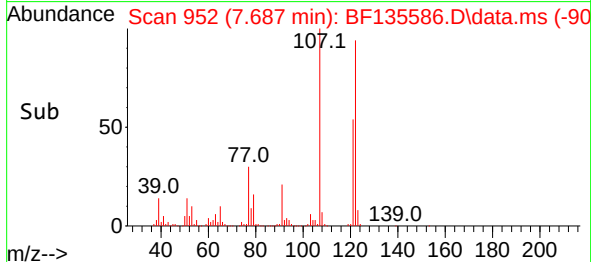
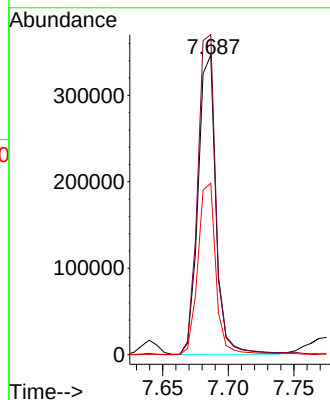
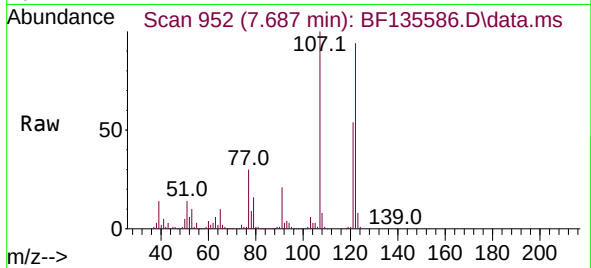
Tgt Ion:122 Resp: 329456

Ion Ratio Lower Upper

122 100

107 106.8 90.2 135.4

121 57.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.254 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

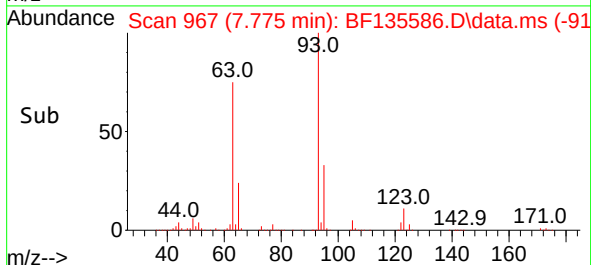
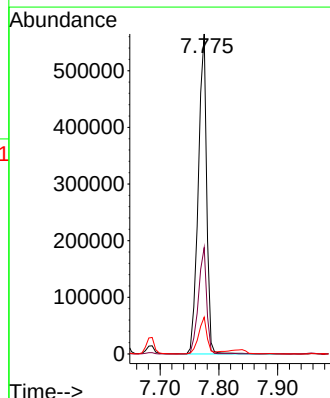
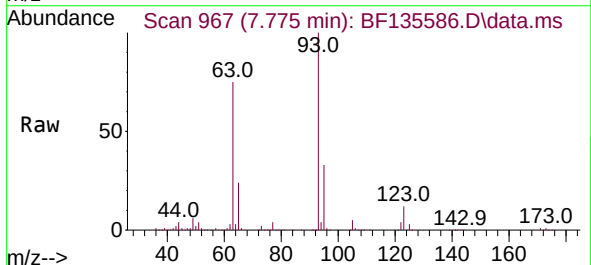
Tgt Ion: 93 Resp: 558999

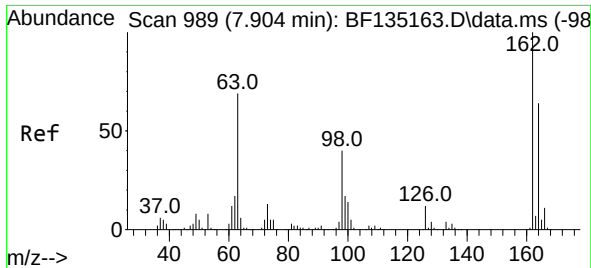
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 50.236 ng

RT: 7.887 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

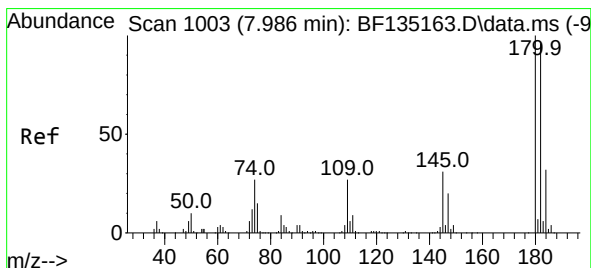
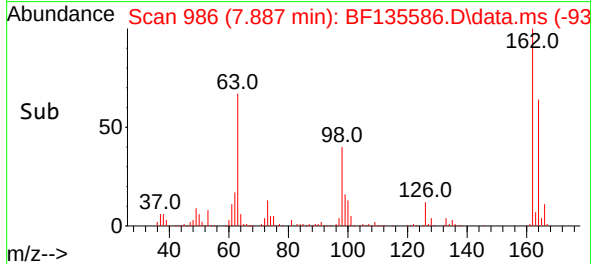
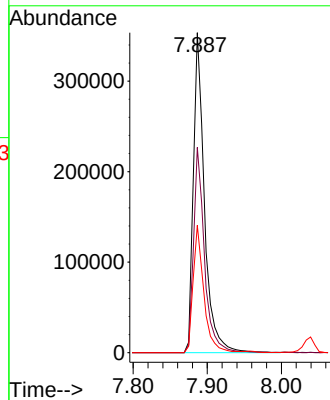
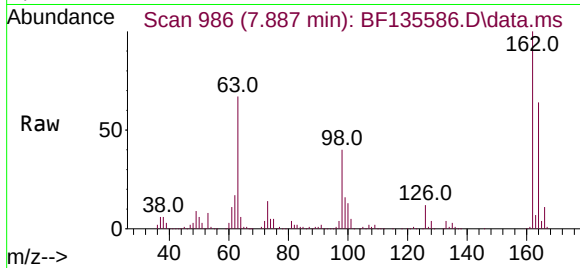
Tgt Ion:162 Resp: 368329

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

98 39.8 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.037 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

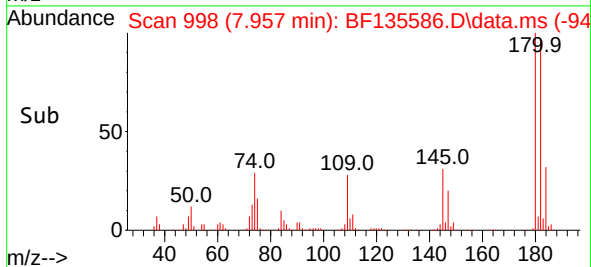
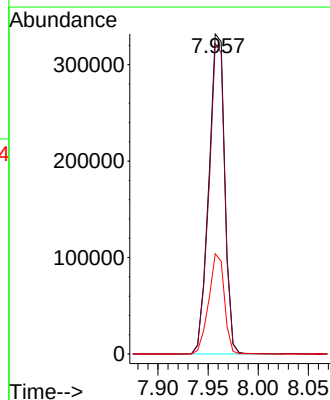
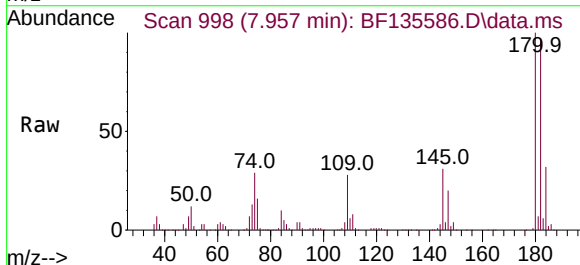
Tgt Ion:180 Resp: 368136

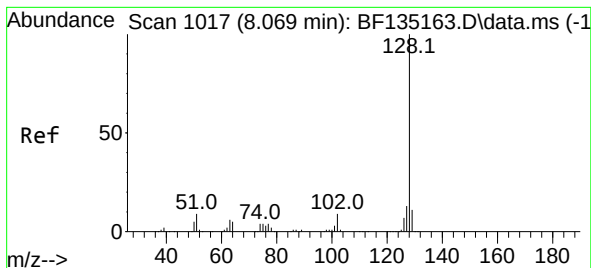
Ion Ratio Lower Upper

180 100

182 97.0 76.9 115.3

145 31.3 24.5 36.7





#31

Naphthalene

Concen: 47.183 ng

RT: 8.040 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

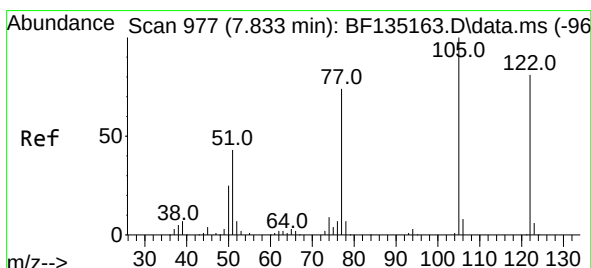
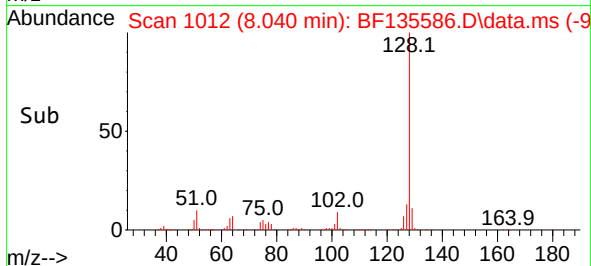
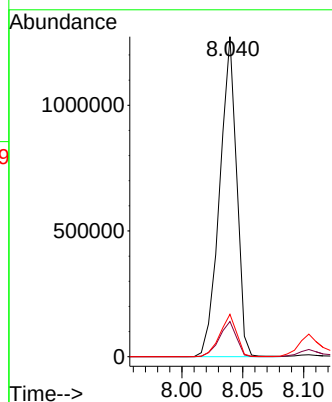
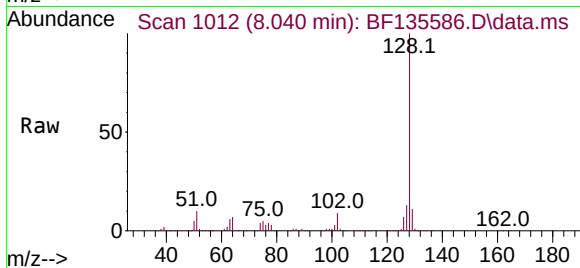
Tgt Ion:128 Resp: 1235948

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 48.566 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.018 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

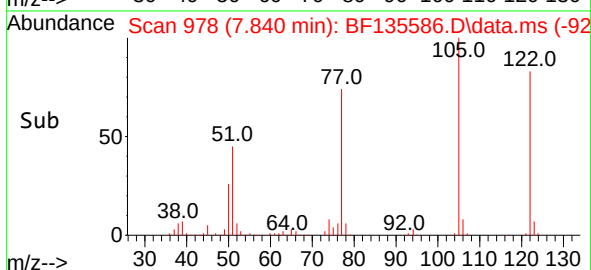
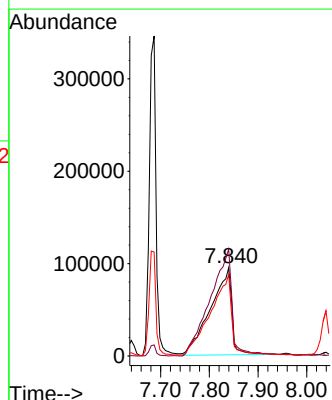
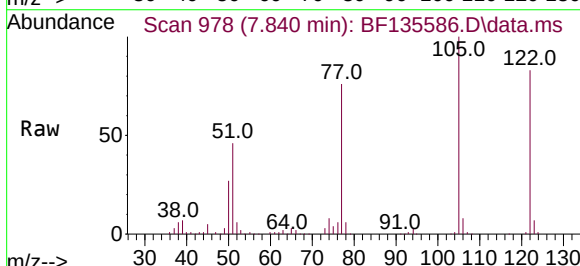
Tgt Ion:122 Resp: 289366

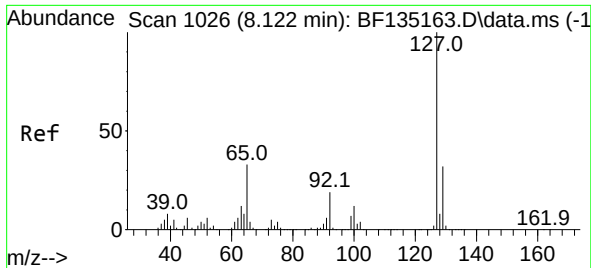
Ion Ratio Lower Upper

122 100

105 121.2 99.9 139.9

77 92.7 70.0 110.0





#33

4-Chloroaniline

Concen: 12.131 ng

RT: 8.104 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

Tgt Ion:127 Resp: 139415

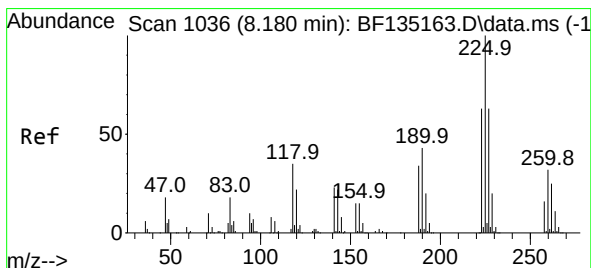
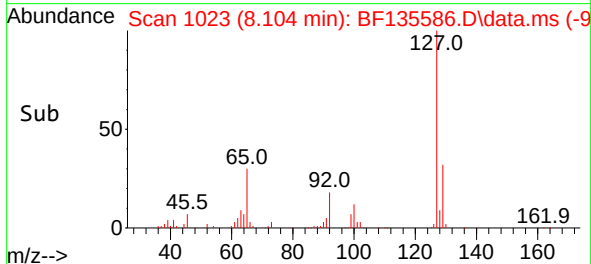
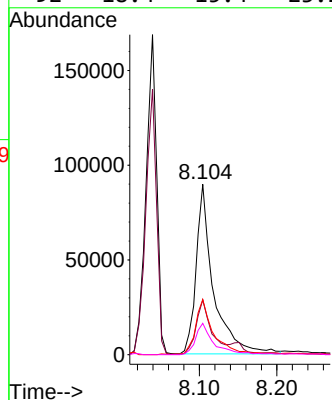
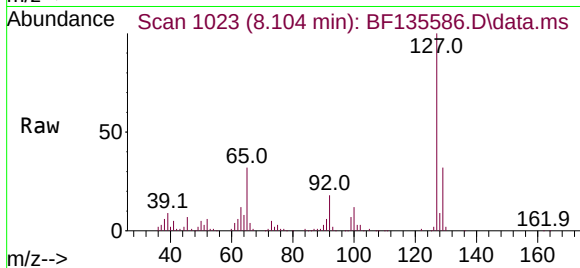
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 32.4 26.6 39.8

92 18.4 15.4 23.2



#34

Hexachlorobutadiene

Concen: 45.889 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

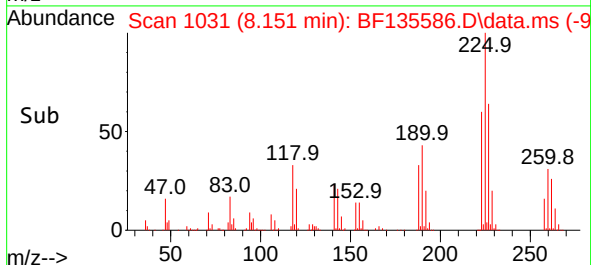
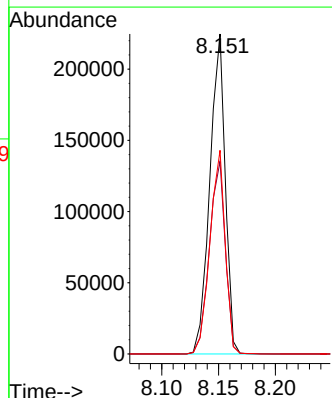
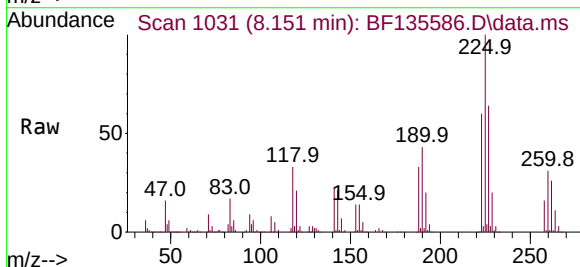
Tgt Ion:225 Resp: 212051

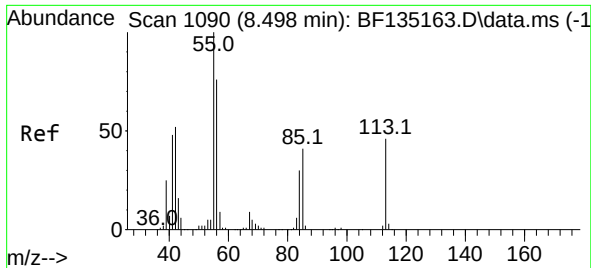
Ion Ratio Lower Upper

225 100

223 60.2 50.6 75.8

227 63.6 50.8 76.2

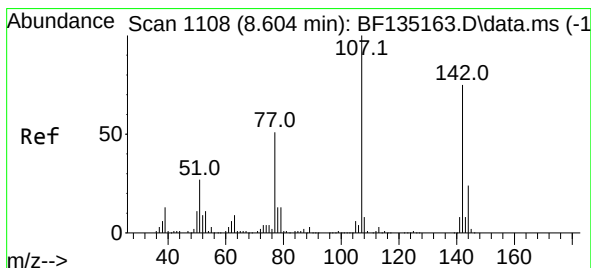
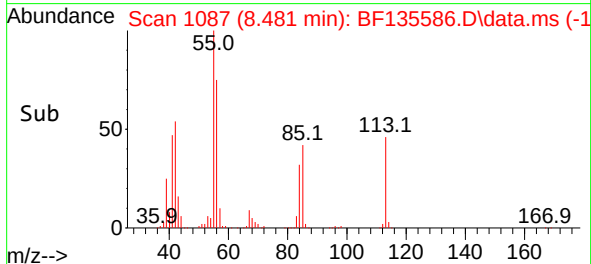
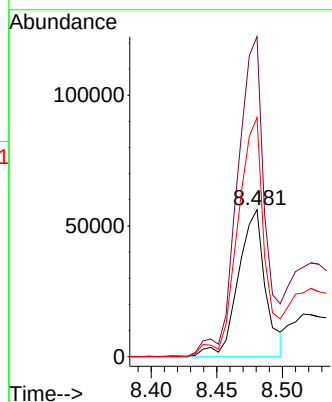
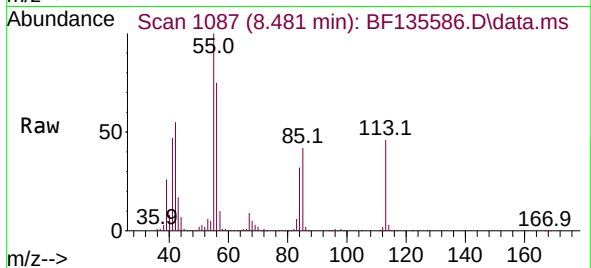




#35  
 Caprolactam  
 Concen: 32.869 ng  
 RT: 8.481 min Scan# 1107  
 Delta R.T. 0.012 min  
 Lab File: BF135586.D  
 Acq: 04 Oct 2023 23:55

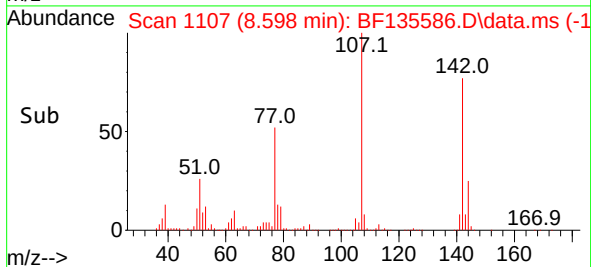
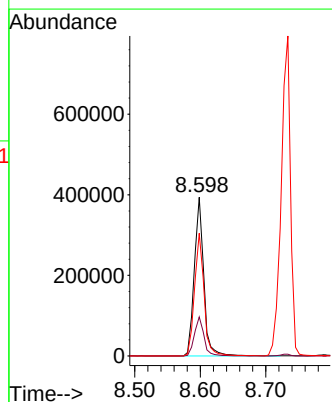
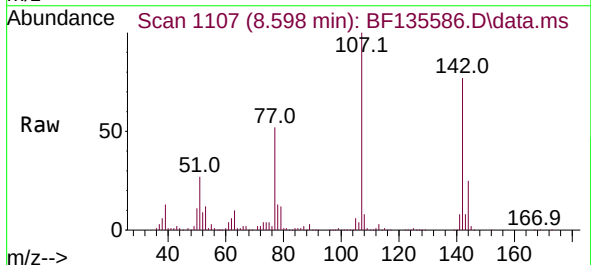
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E9066-OB-001

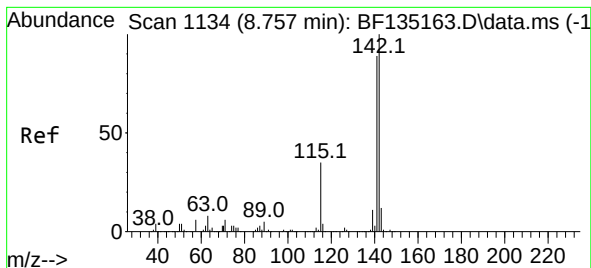
Tgt Ion:113 Resp: 80882  
 Ion Ratio Lower Upper  
 113 100  
 55 217.6 199.3 239.3  
 56 162.6 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.651 ng  
 RT: 8.598 min Scan# 1107  
 Delta R.T. 0.012 min  
 Lab File: BF135586.D  
 Acq: 04 Oct 2023 23:55

Tgt Ion:107 Resp: 396454  
 Ion Ratio Lower Upper  
 107 100  
 144 24.6 19.0 28.4  
 142 77.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.479 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

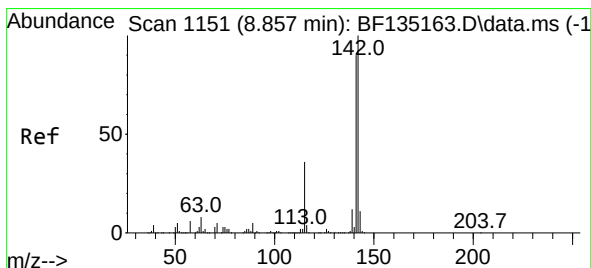
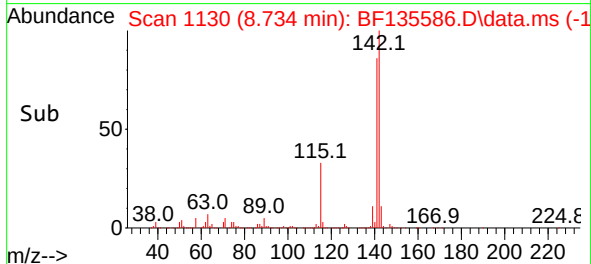
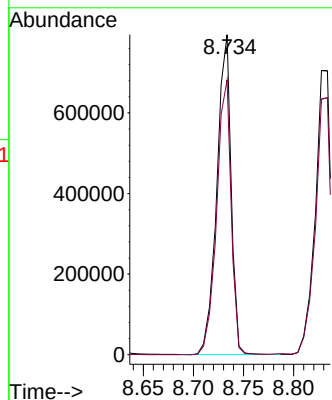
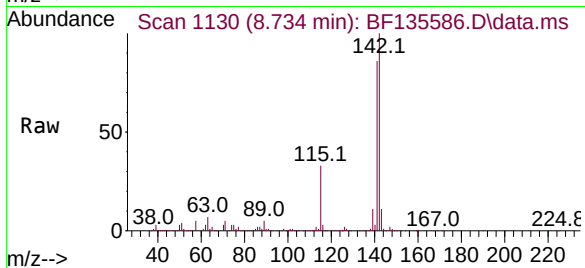
E9066-OB-001

Tgt Ion:142 Resp: 783193

Ion Ratio Lower Upper

142 100

141 85.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.974 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF135586.D

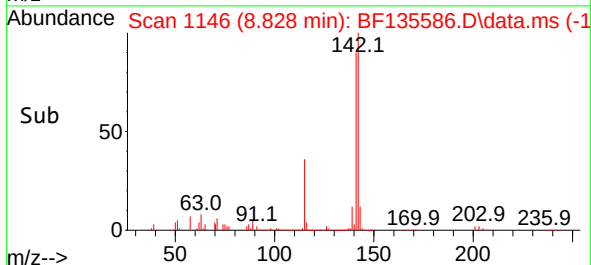
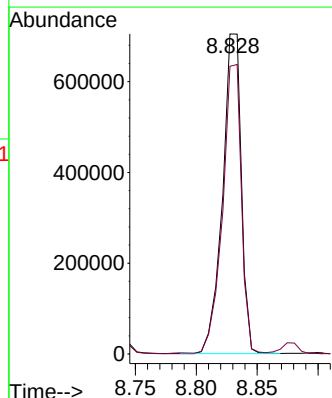
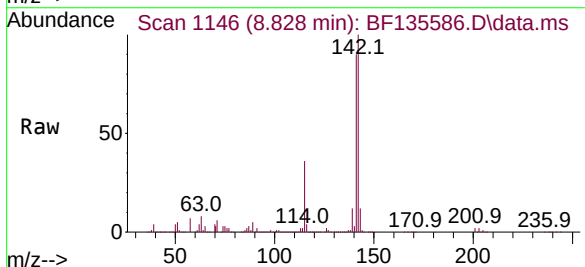
Acq: 04 Oct 2023 23:55

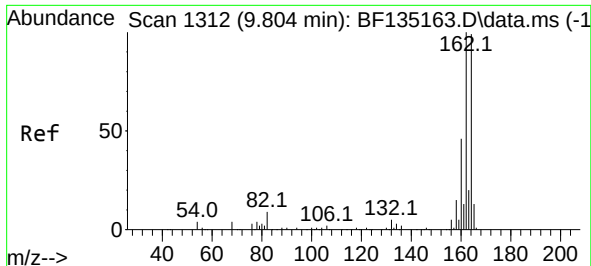
Tgt Ion:142 Resp: 757893

Ion Ratio Lower Upper

142 100

141 89.9 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

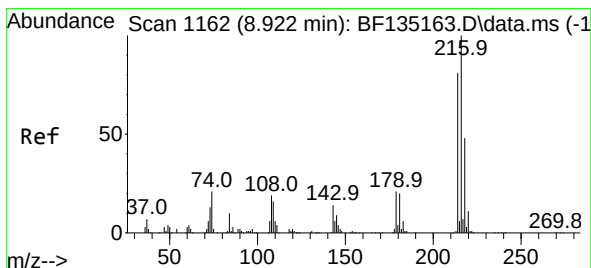
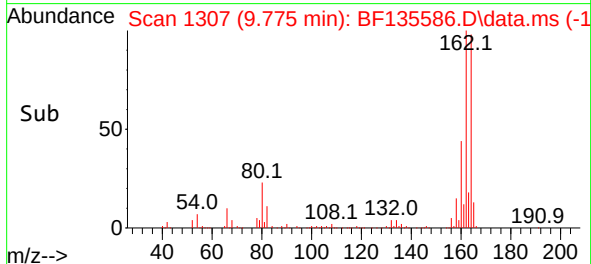
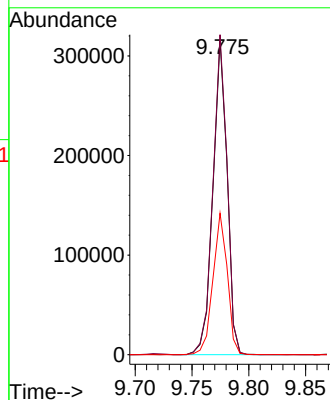
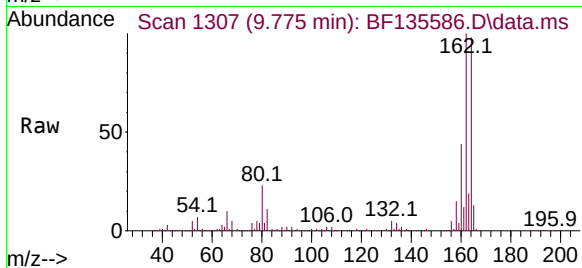
Tgt Ion:164 Resp: 273842

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 45.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.381 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Tgt Ion:216 Resp: 375895

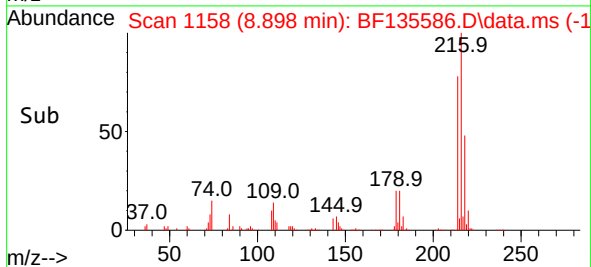
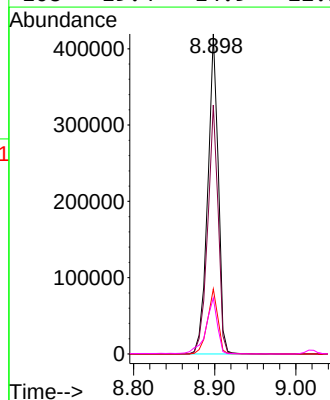
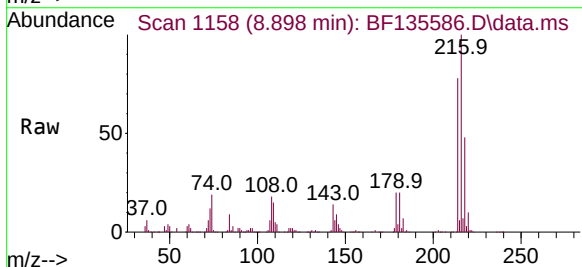
Ion Ratio Lower Upper

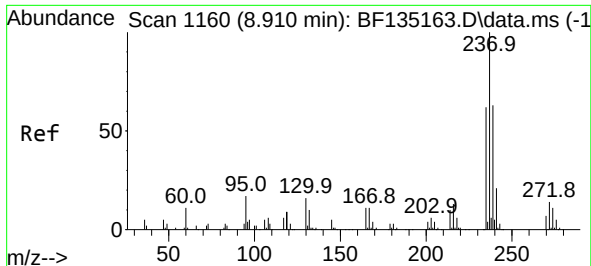
216 100

214 77.5 63.7 95.5

179 20.0 16.7 25.1

108 19.4 14.9 22.3

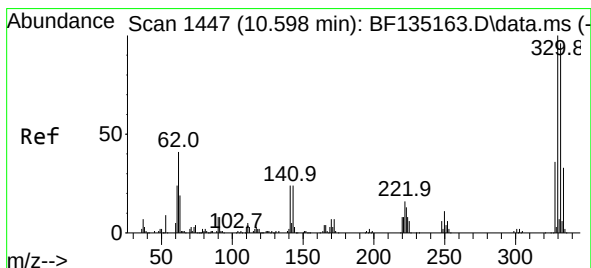
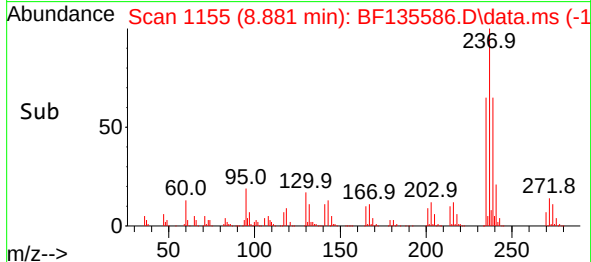
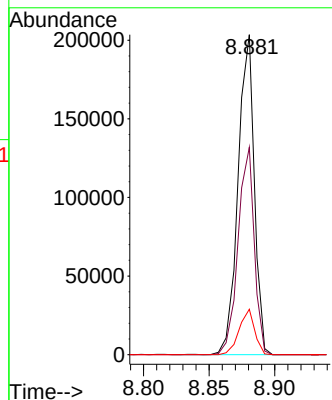
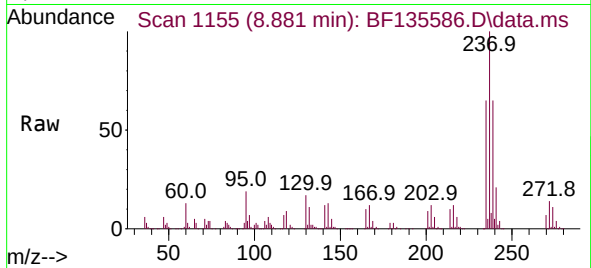




#41  
Hexachlorocyclopentadiene  
Concen: 53.129 ng  
RT: 8.881 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

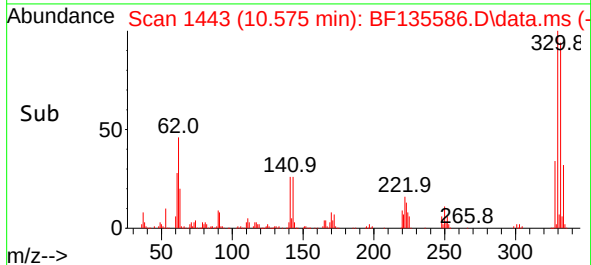
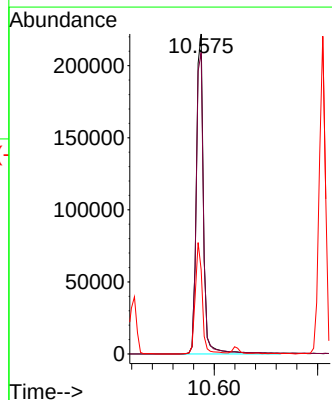
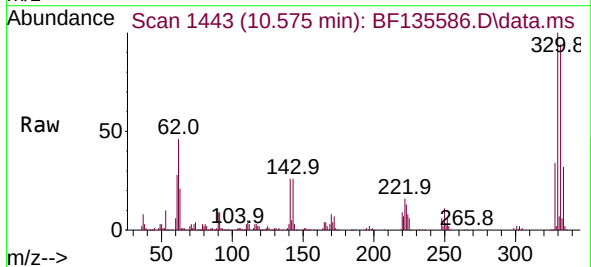
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

Tgt Ion:237 Resp: 176171  
Ion Ratio Lower Upper  
237 100  
235 64.8 41.8 81.8  
272 14.2 0.0 33.6

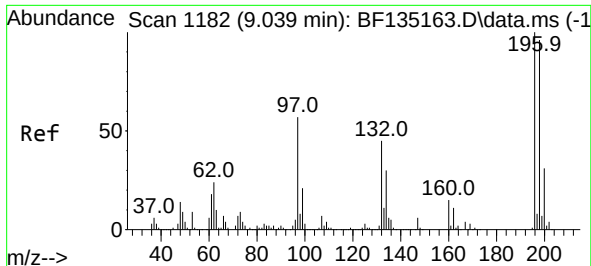


#42  
2,4,6-Tribromophenol  
Concen: 78.211 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:330 Resp: 212837  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.3 115.9  
141 34.0 25.8 38.8







#43

2,4,6-Trichlorophenol

Concen: 47.255 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

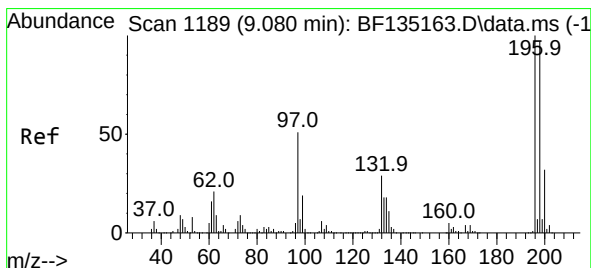
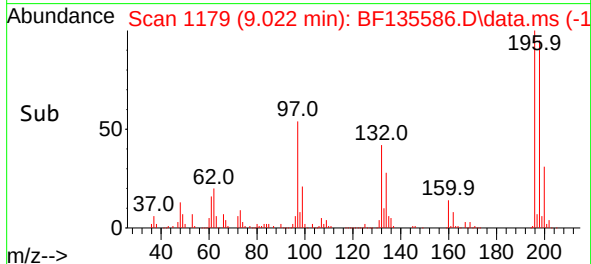
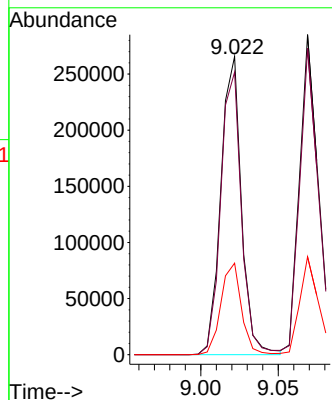
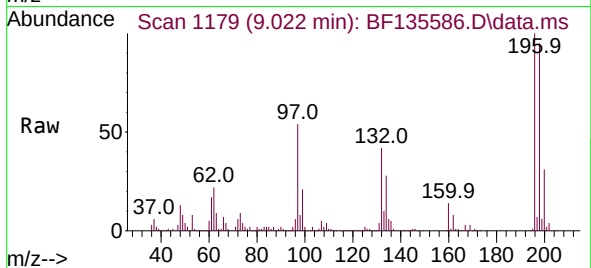
Tgt Ion:196 Resp: 245461

Ion Ratio Lower Upper

196 100

198 94.7 77.0 115.6

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.630 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Tgt Ion:196 Resp: 260989

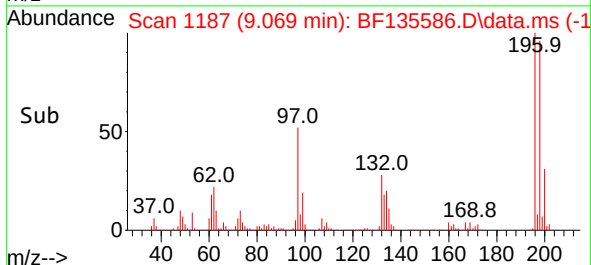
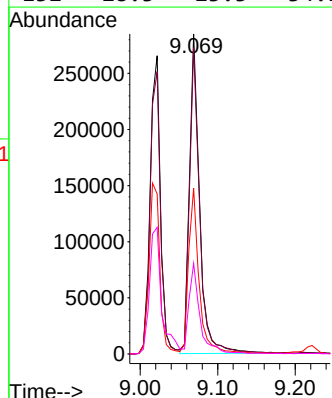
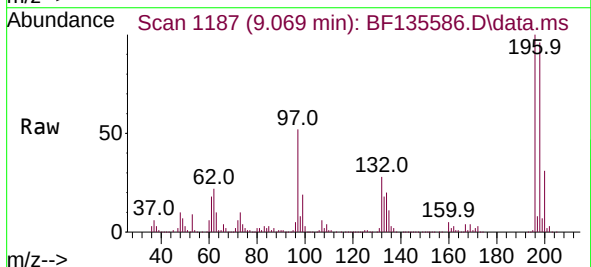
Ion Ratio Lower Upper

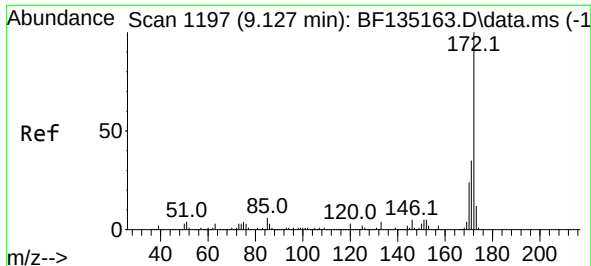
196 100

198 95.7 77.5 116.3

97 51.9 40.5 60.7

132 28.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 57.413 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

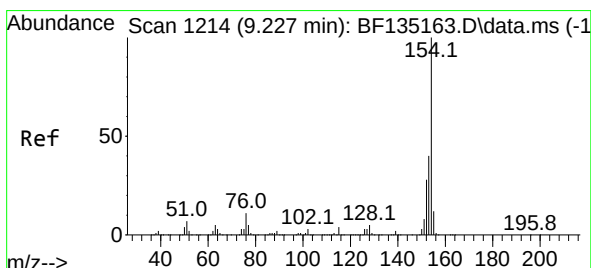
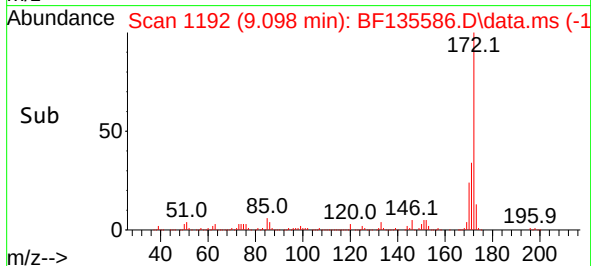
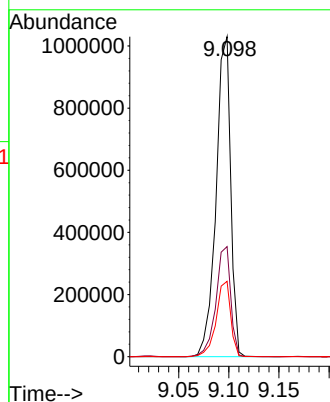
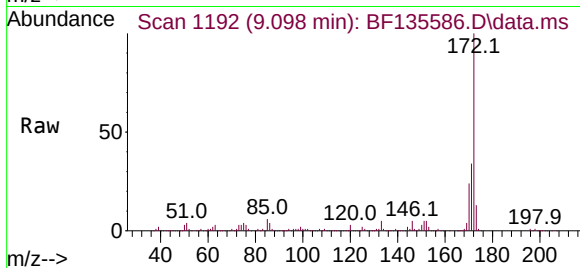
Tgt Ion:172 Resp: 1042080

Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.909 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

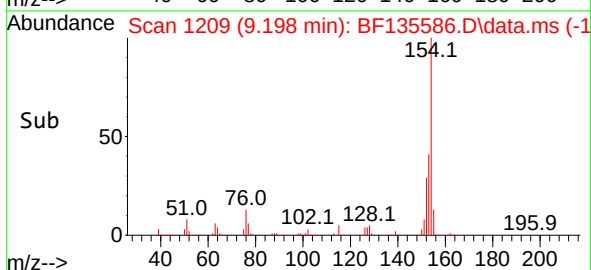
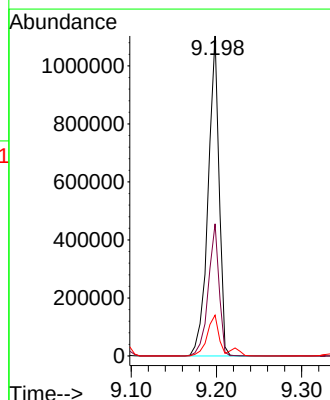
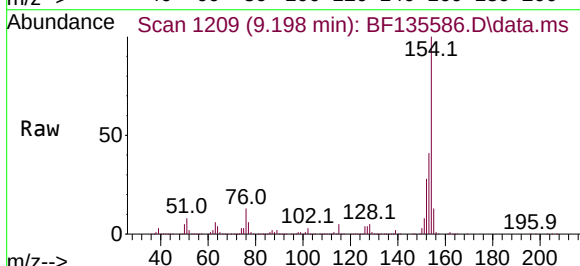
Tgt Ion:154 Resp: 987175

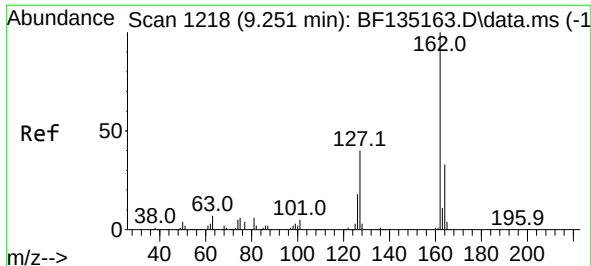
Ion Ratio Lower Upper

154 100

153 41.3 19.6 59.6

76 12.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.607 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

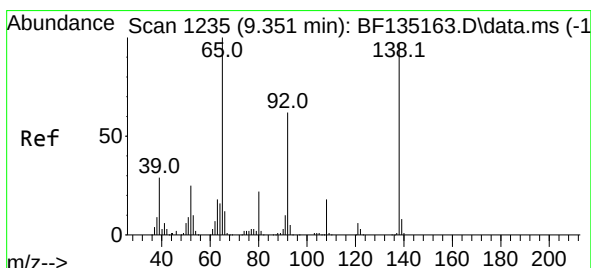
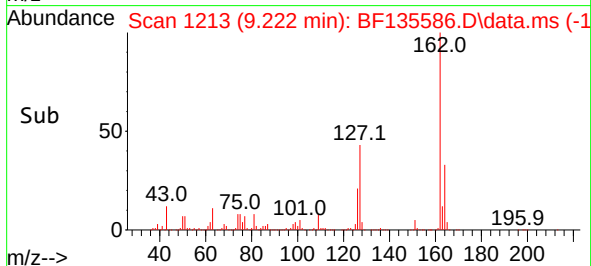
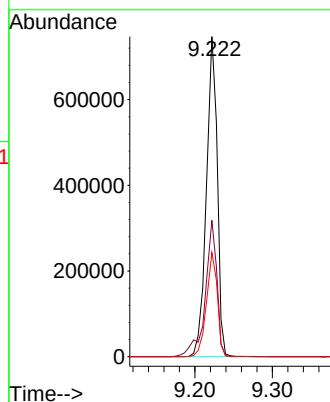
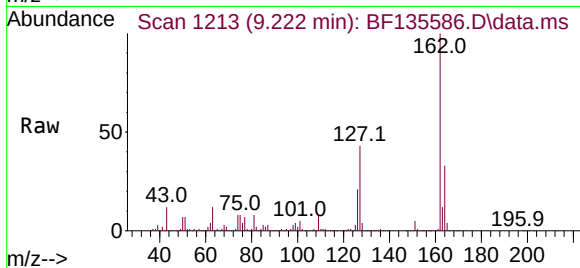
Tgt Ion:162 Resp: 726908

Ion Ratio Lower Upper

162 100

127 42.6 32.6 48.8

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 49.414 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

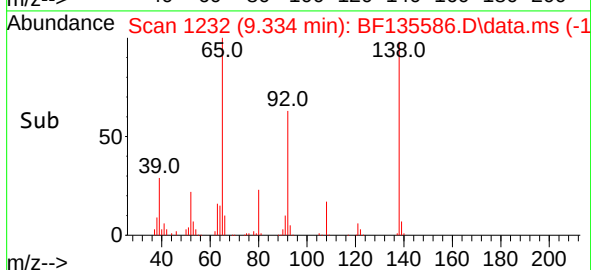
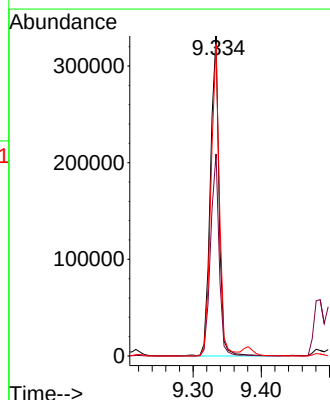
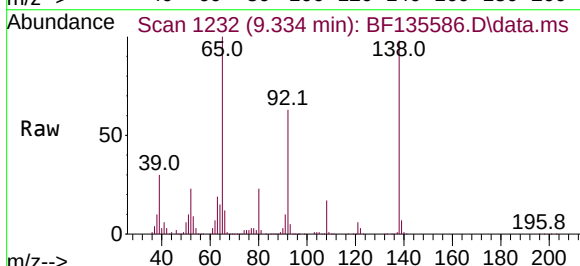
Tgt Ion: 65 Resp: 293122

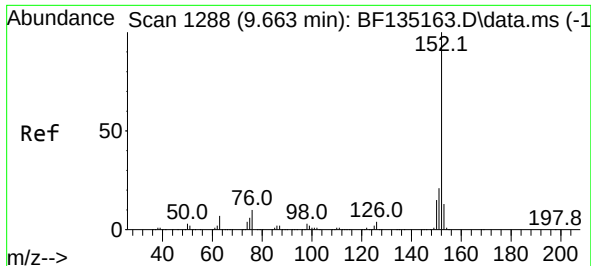
Ion Ratio Lower Upper

65 100

92 63.1 49.4 74.0

138 97.6 77.4 116.0





#49

Acenaphthylene

Concen: 46.700 ng

RT: 9.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

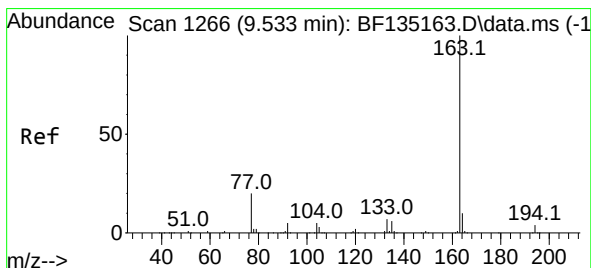
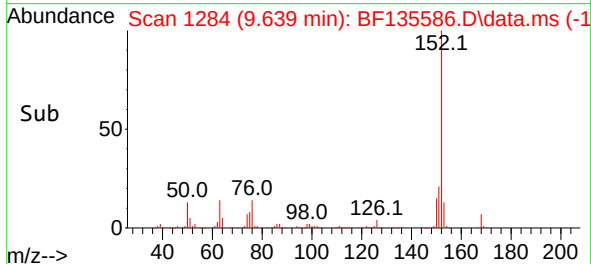
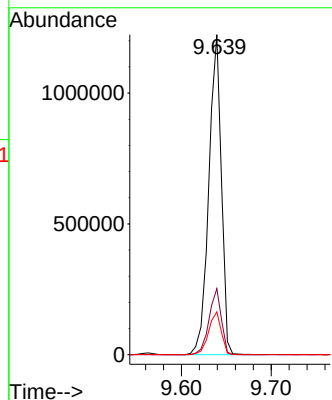
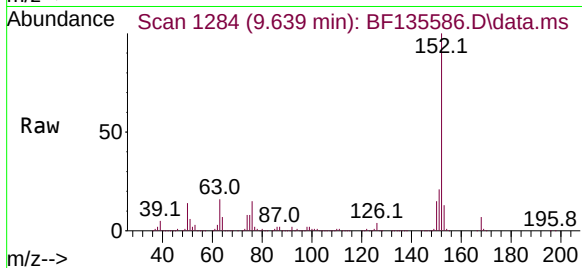
Tgt Ion:152 Resp: 1185053

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 47.522 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

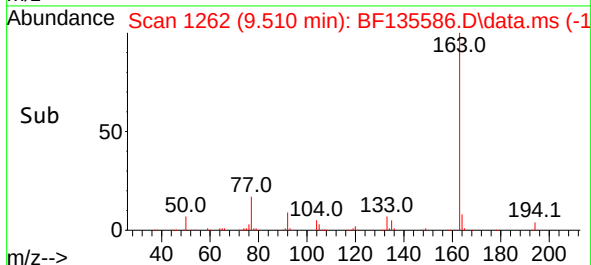
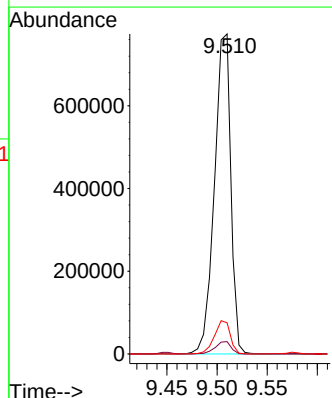
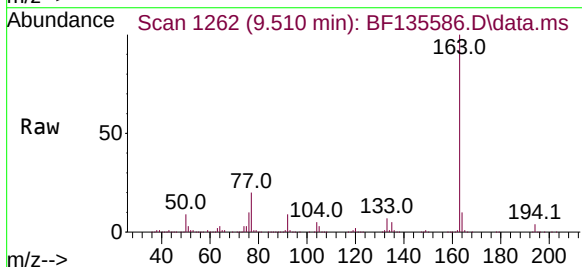
Tgt Ion:163 Resp: 879842

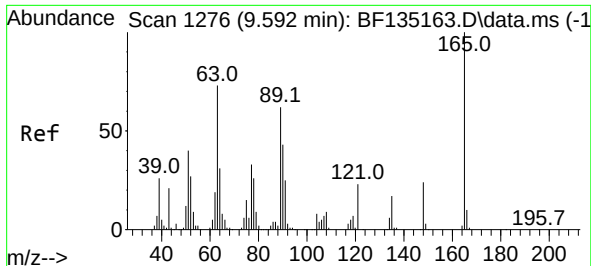
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.847 ng

RT: 9.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

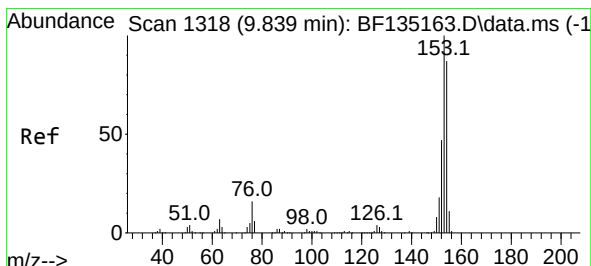
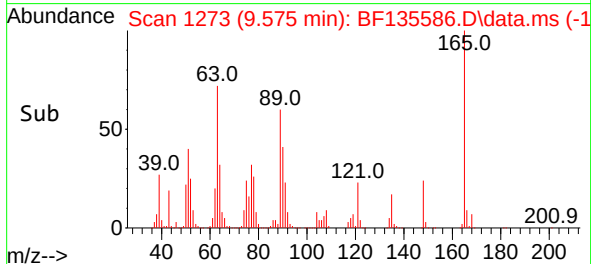
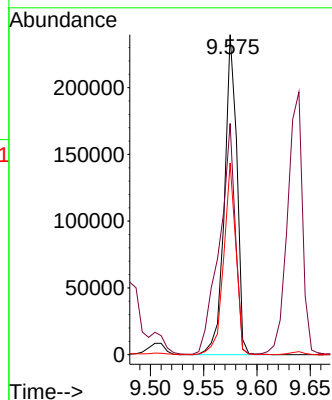
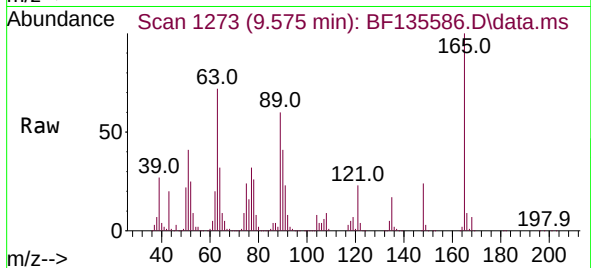
Tgt Ion:165 Resp: 194063

Ion Ratio Lower Upper

165 100

63 72.3 59.4 89.2

89 59.9 49.8 74.8



#52

Acenaphthene

Concen: 46.545 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

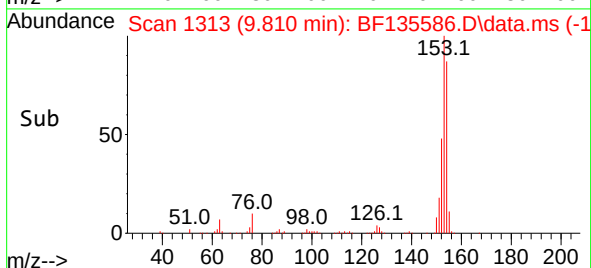
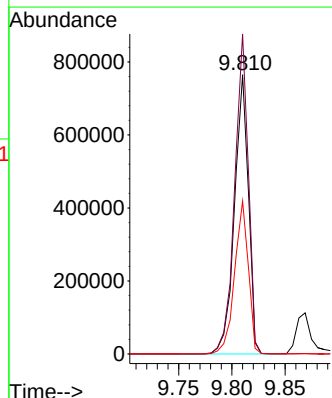
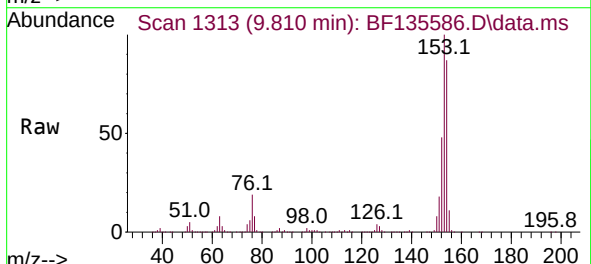
Tgt Ion:154 Resp: 697732

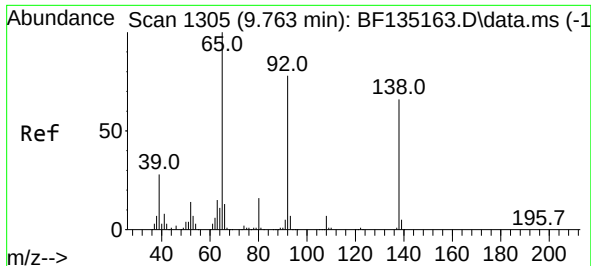
Ion Ratio Lower Upper

154 100

153 114.6 92.1 138.1

152 54.8 43.1 64.7

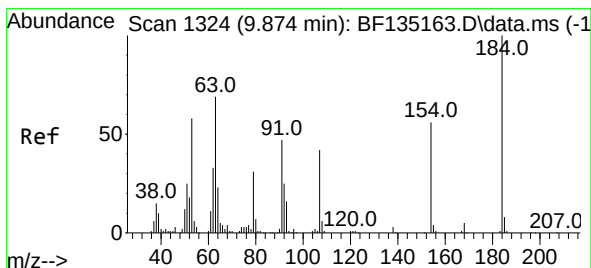
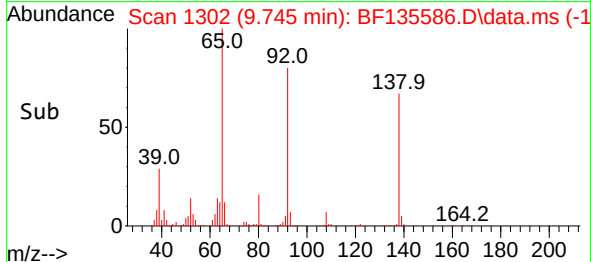
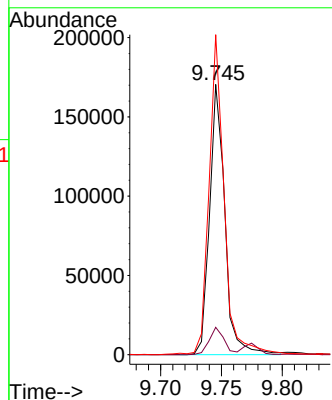
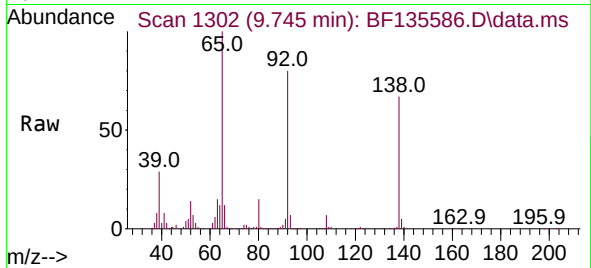




#53  
3-Nitroaniline  
Concen: 31.220 ng  
RT: 9.745 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

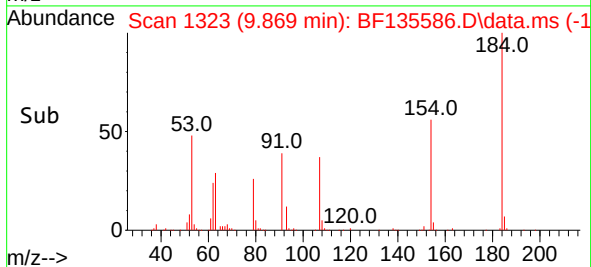
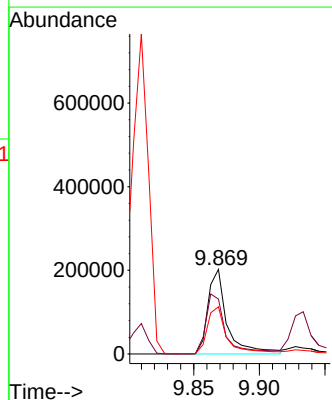
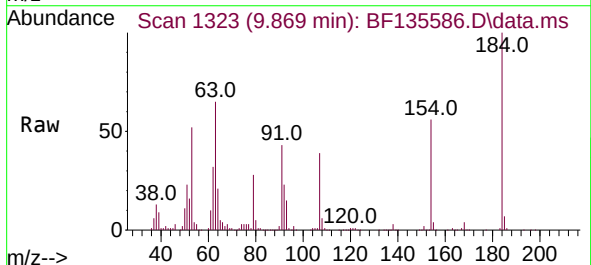
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

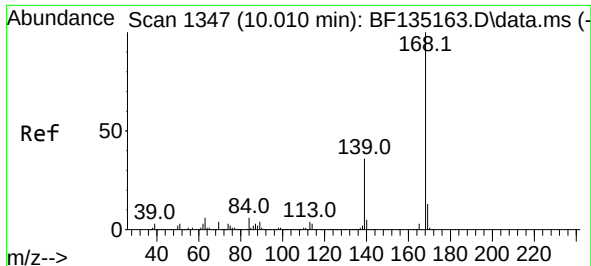
Tgt Ion:138 Resp: 148638  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.5 12.7  
92 118.4 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 88.918 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:184 Resp: 206476  
Ion Ratio Lower Upper  
184 100  
63 64.9 55.1 82.7  
154 55.7 48.4 72.6

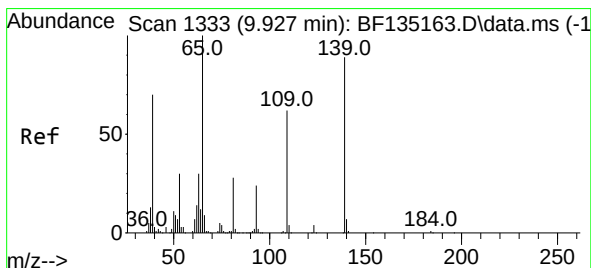
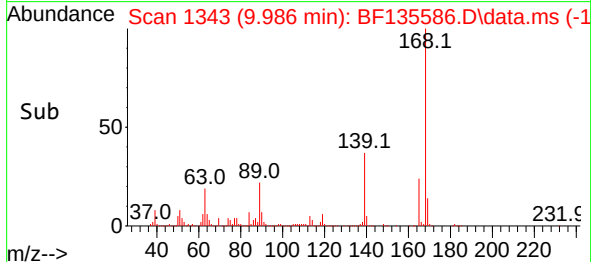
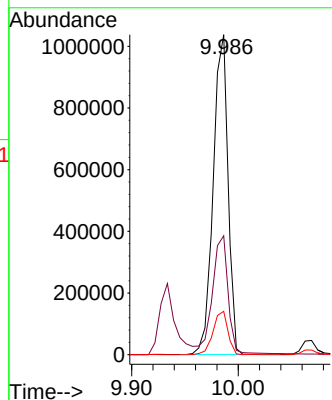
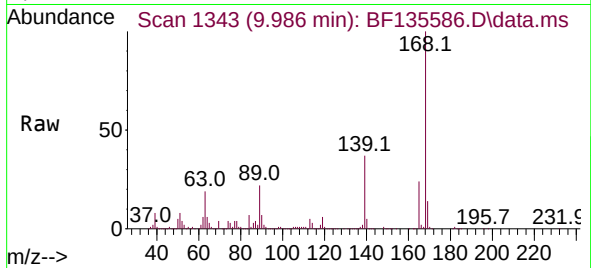




#55  
Dibenzenofuran  
Concen: 43.738 ng  
RT: 9.986 min Scan# 1347  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

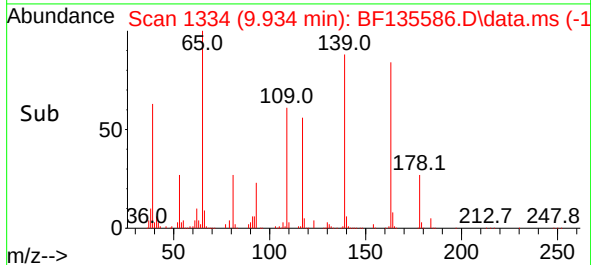
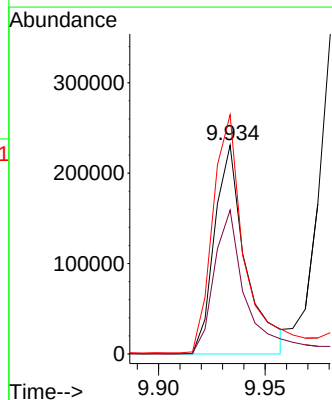
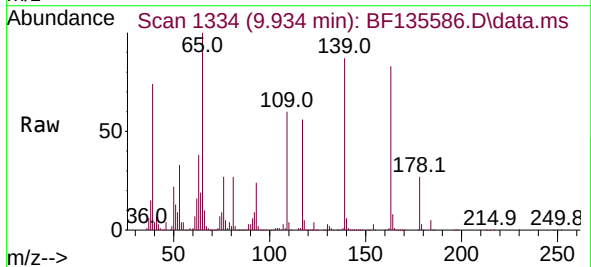
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

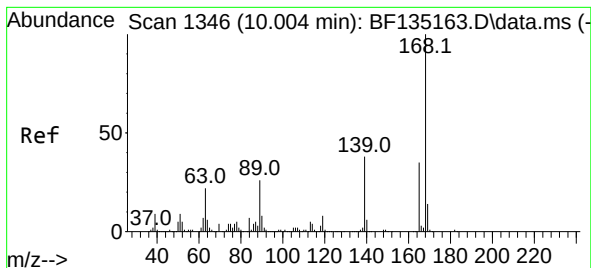
Tgt Ion:168 Resp: 1000523  
Ion Ratio Lower Upper  
168 100  
139 37.1 29.0 43.6  
169 13.6 10.4 15.6



#56  
4-Nitrophenol  
Concen: 77.558 ng  
RT: 9.934 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:139 Resp: 234677  
Ion Ratio Lower Upper  
139 100  
109 68.9 49.8 89.8  
65 114.5 92.7 132.7

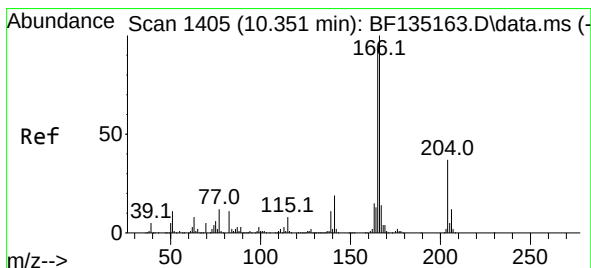
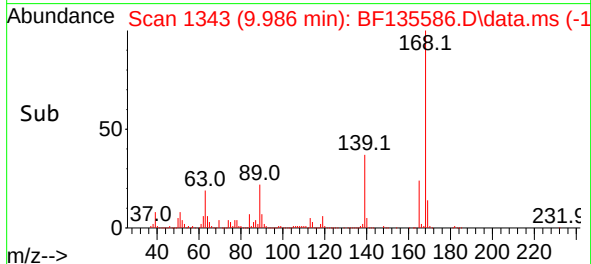
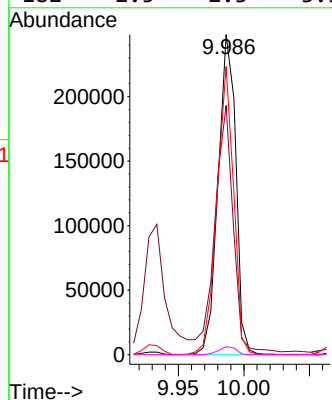
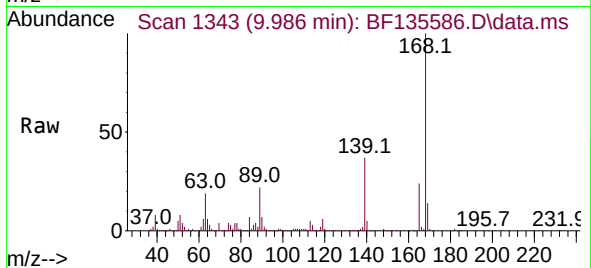




#57  
2,4-Dinitrotoluene  
Concen: 45.601 ng  
RT: 9.986 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

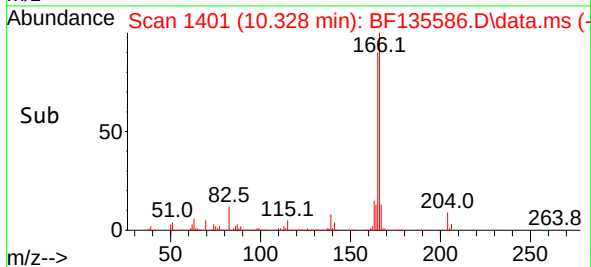
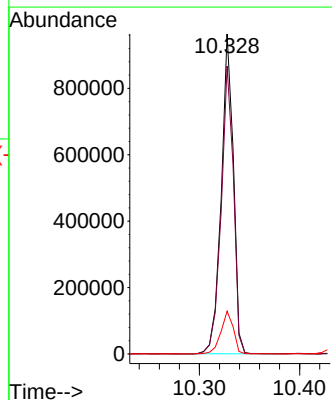
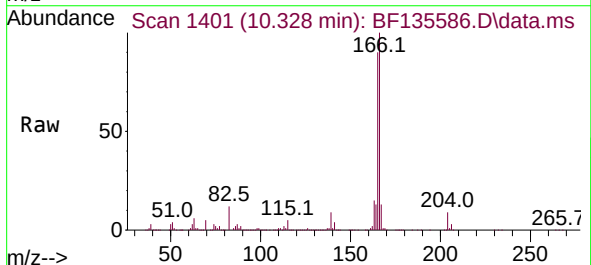
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

Tgt Ion:165 Resp: 231544  
Ion Ratio Lower Upper  
165 100  
63 77.9 50.1 75.1#  
89 90.1 59.3 88.9#  
182 2.5 2.3 3.5

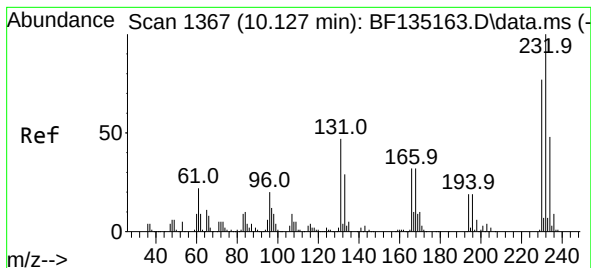


#58  
Fluorene  
Concen: 45.930 ng  
RT: 10.328 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:166 Resp: 807712  
Ion Ratio Lower Upper  
166 100  
165 90.0 74.3 111.5  
167 13.4 10.9 16.3



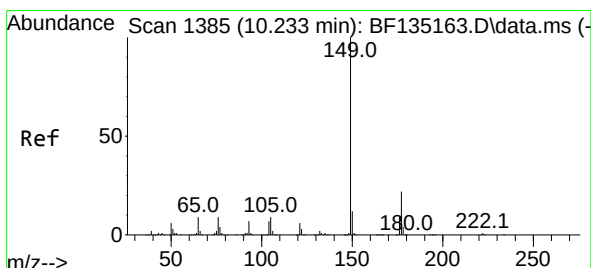
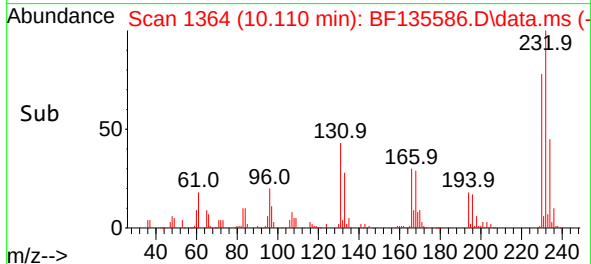
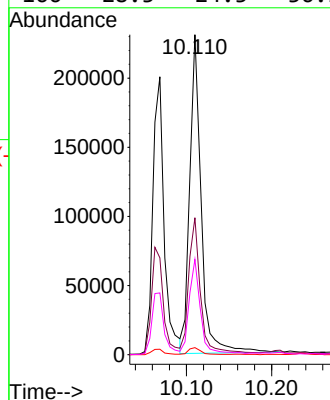
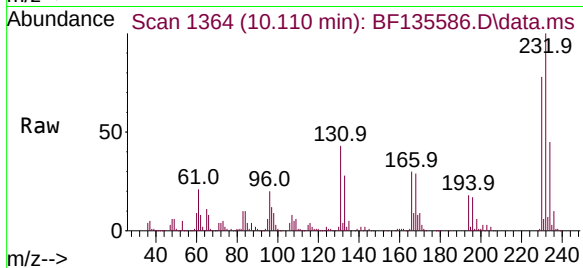




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.790 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

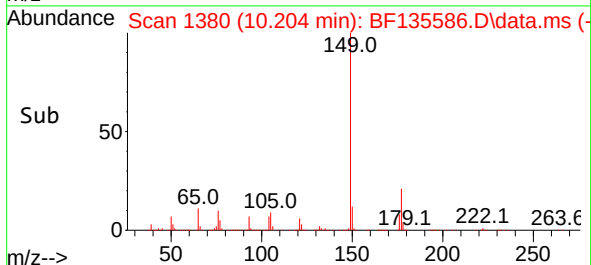
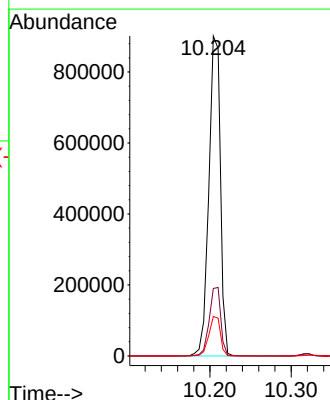
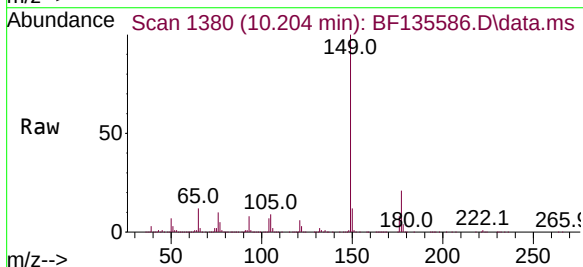
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

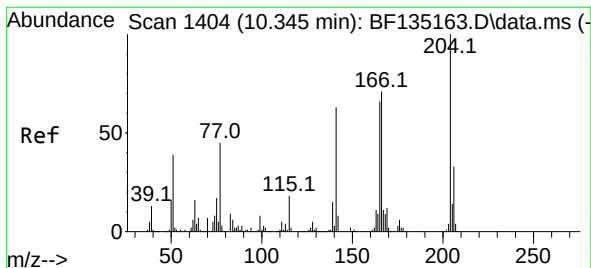
Tgt Ion:232 Resp: 215303  
Ion Ratio Lower Upper  
232 100  
131 43.1 35.4 53.2  
130 2.2 1.8 2.8  
166 28.3 24.3 36.5



#60  
Diethylphthalate  
Concen: 47.751 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:149 Resp: 887258  
Ion Ratio Lower Upper  
149 100  
177 21.1 17.8 26.6  
150 12.4 10.0 15.0

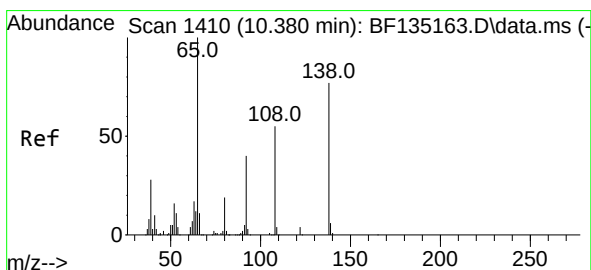
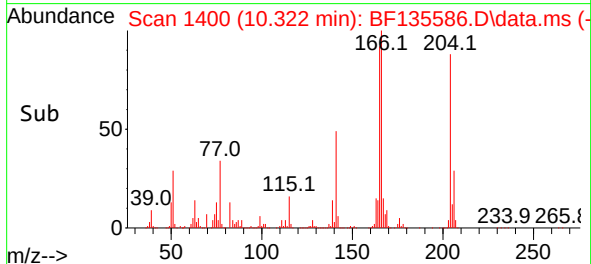
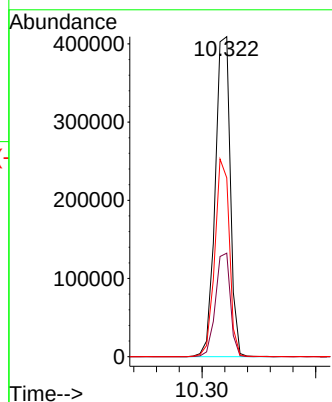
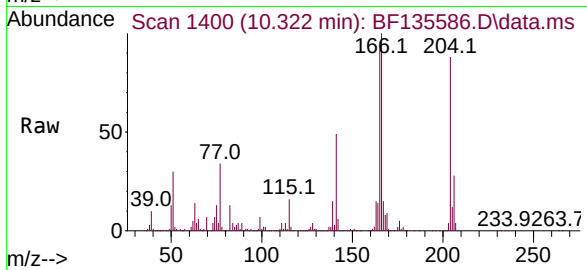




#61  
4-Chlorophenyl-phenylether  
Concen: 44.703 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

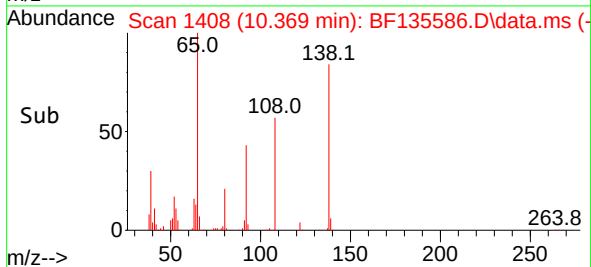
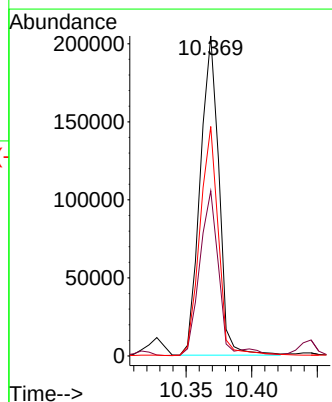
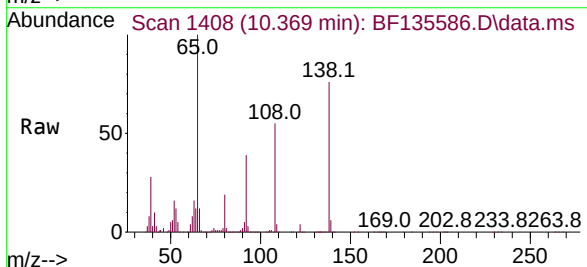
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

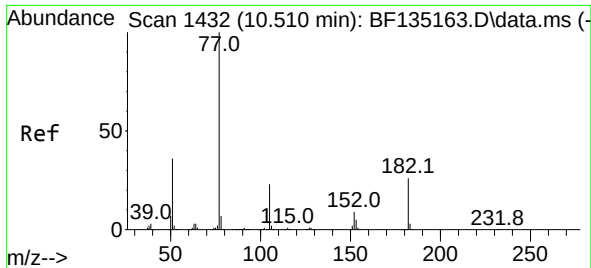
Tgt Ion:204 Resp: 377632  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.7 40.1  
141 55.9 50.6 75.8



#62  
4-Nitroaniline  
Concen: 44.469 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:138 Resp: 203510  
Ion Ratio Lower Upper  
138 100  
92 51.6 31.8 71.8  
108 71.7 52.0 92.0

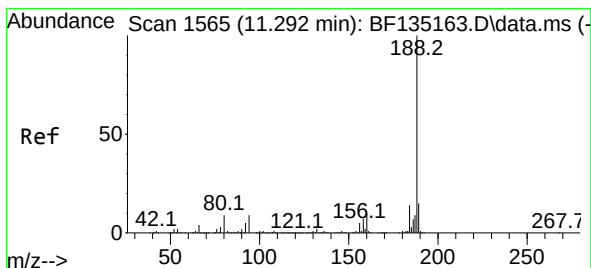
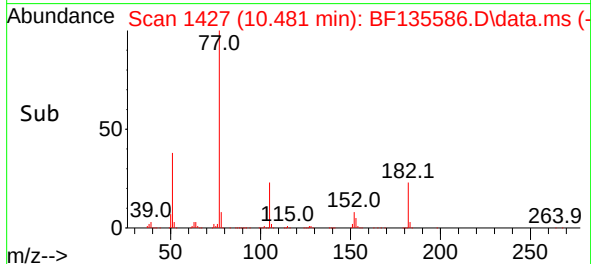
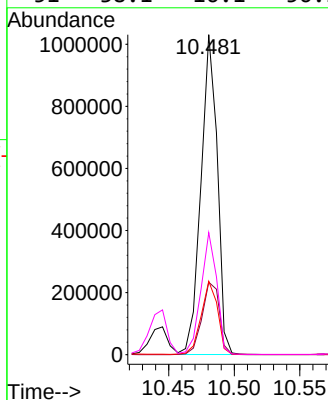
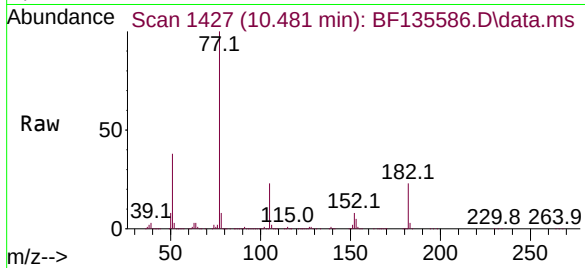




#63  
Azobenzene  
Concen: 49.275 ng  
RT: 10.481 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

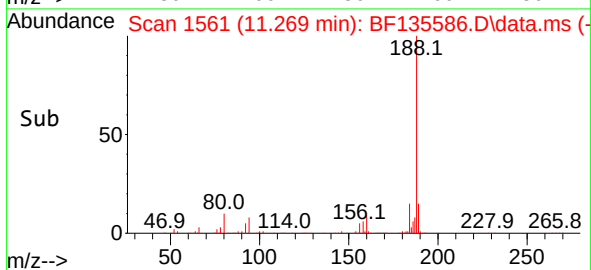
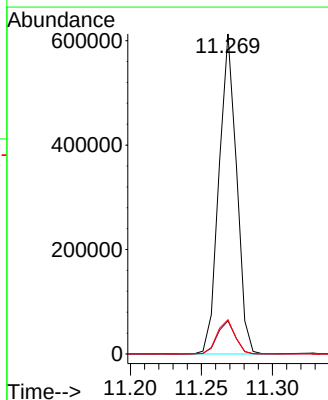
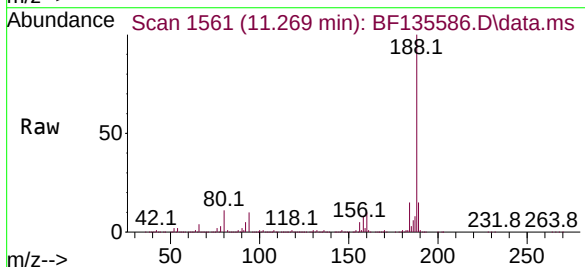
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

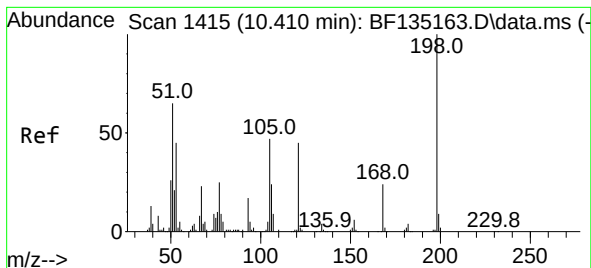
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 896075 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.7    | 6.4 46.4     |
| 105 23.0    | 3.1 43.1     |
| 51 38.1     | 16.1 56.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.269 min Scan# 1561  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 527599 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 10.3     | 7.0          | 10.6  |  |
| 80 10.7     | 7.5          | 11.3  |  |

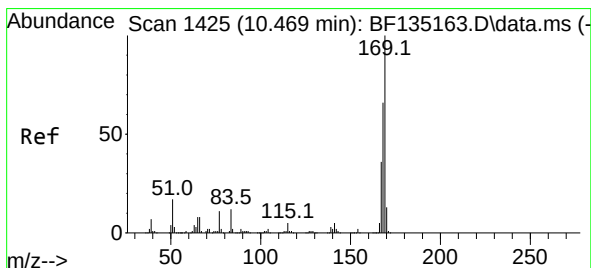
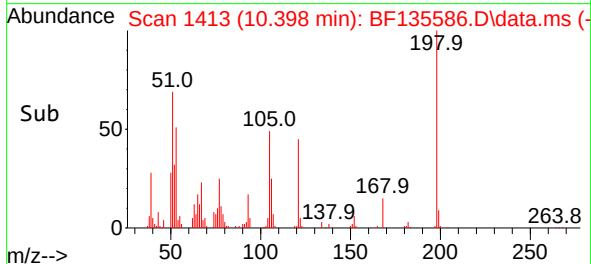
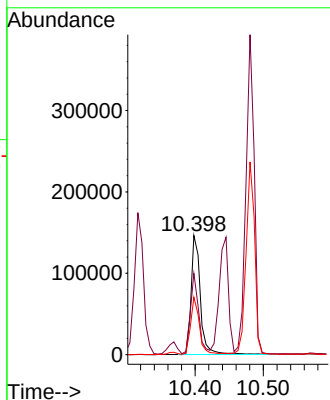
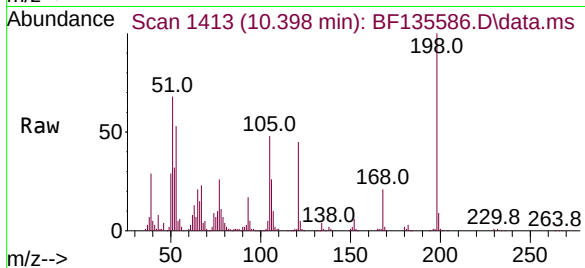




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.154 ng  
RT: 10.398 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

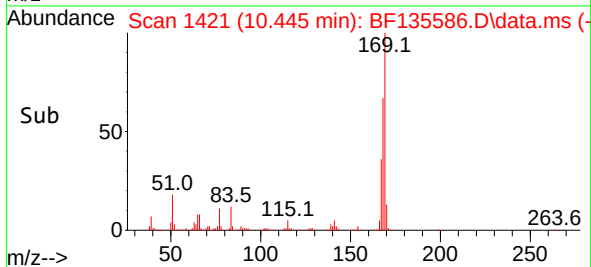
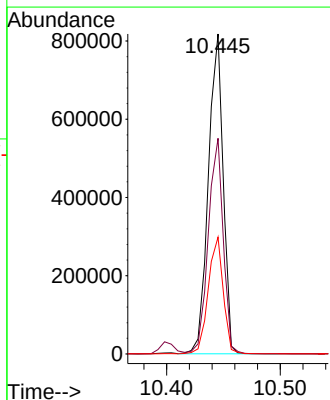
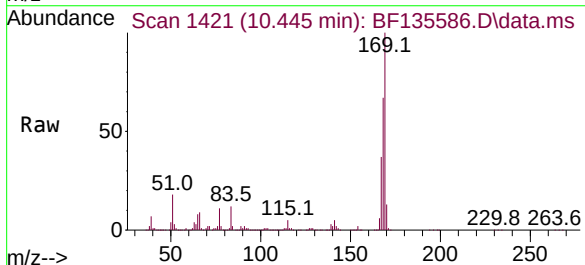
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

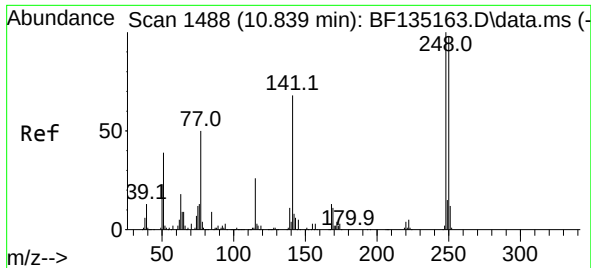
Tgt Ion:198 Resp: 137742  
Ion Ratio Lower Upper  
198 100  
51 68.2 47.7 87.7  
105 48.2 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 46.358 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:169 Resp: 740464  
Ion Ratio Lower Upper  
169 100  
168 67.4 52.8 79.2  
167 36.5 29.0 43.6

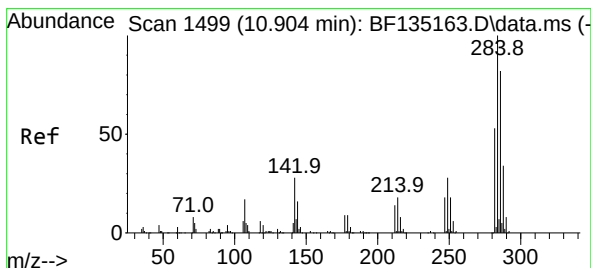
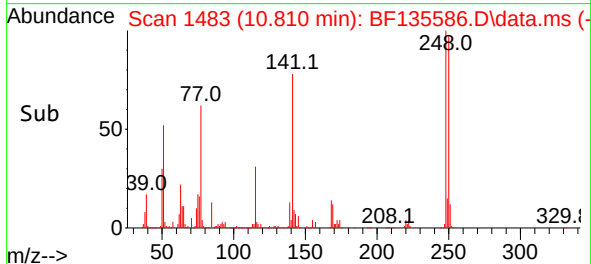
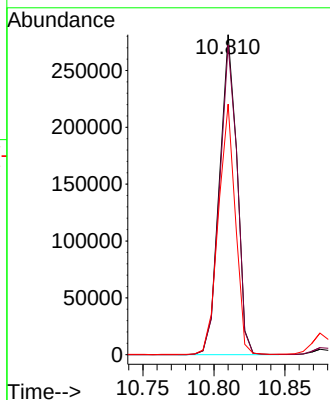
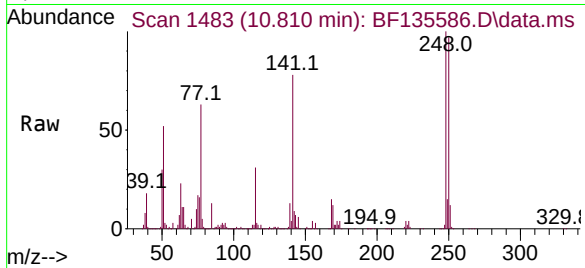




#67  
4-Bromophenyl-phenylether  
Concen: 45.697 ng  
RT: 10.810 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

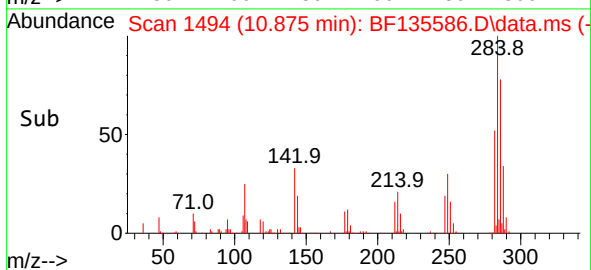
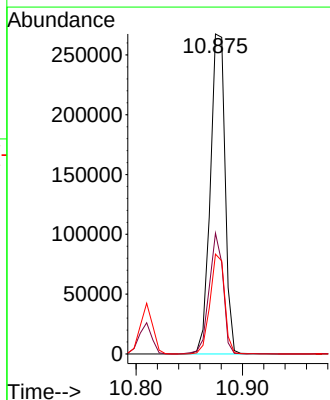
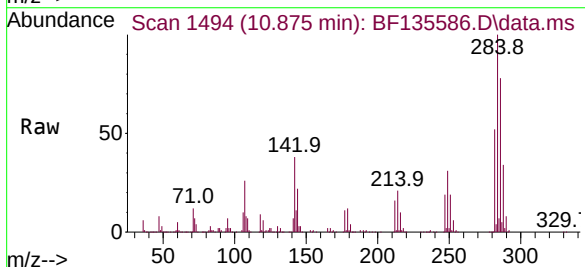
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

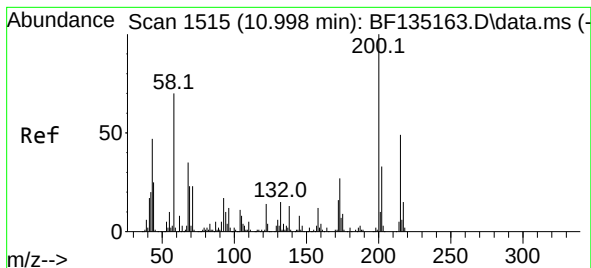
Tgt Ion:248 Resp: 239790  
Ion Ratio Lower Upper  
248 100  
250 96.8 78.6 117.8  
141 78.3 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 48.187 ng  
RT: 10.875 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:284 Resp: 257603  
Ion Ratio Lower Upper  
284 100  
142 37.7 22.2 33.4#  
249 31.2 22.5 33.7





#69

Atrazine

Concen: 53.848 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

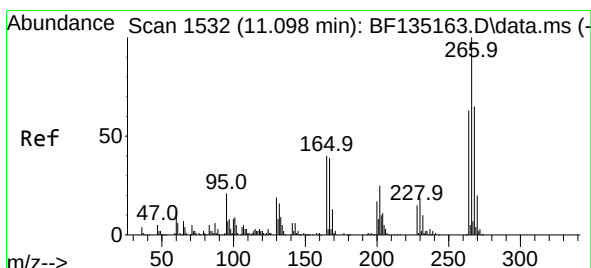
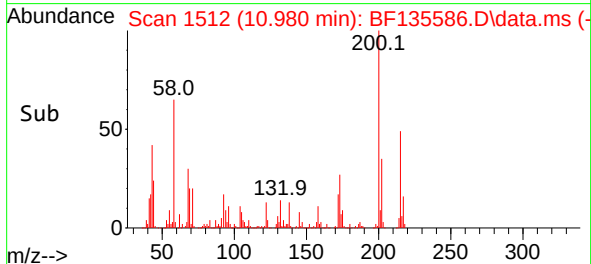
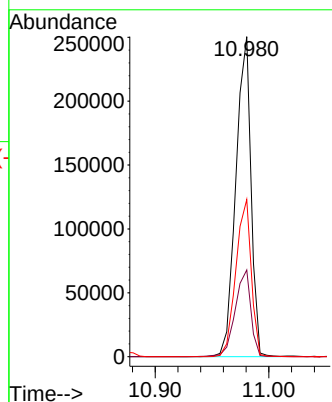
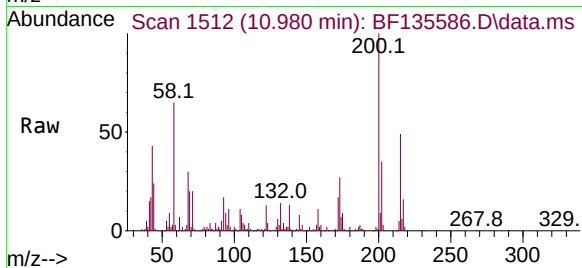
Tgt Ion:200 Resp: 231431

Ion Ratio Lower Upper

200 100

173 27.1 7.4 47.4

215 49.1 28.6 68.6



#70

Pentachlorophenol

Concen: 66.493 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

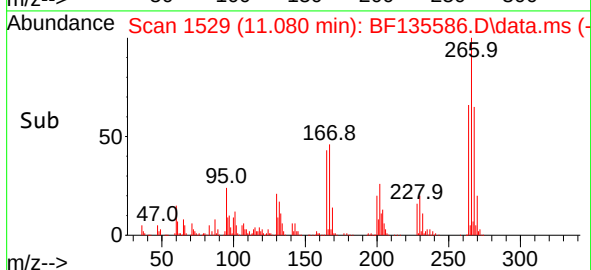
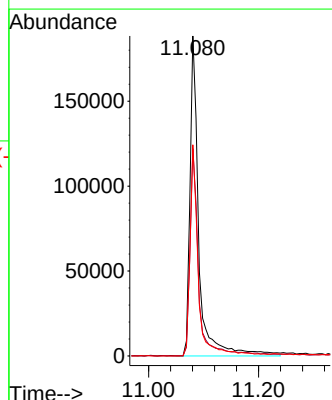
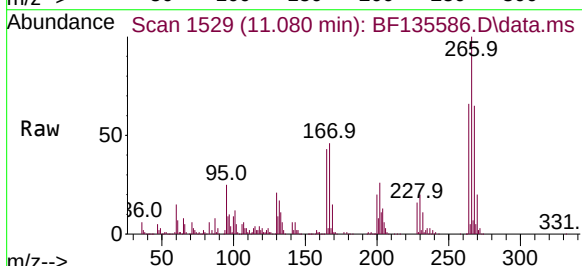
Tgt Ion:266 Resp: 212671

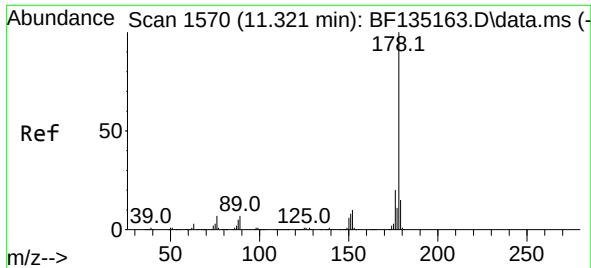
Ion Ratio Lower Upper

266 100

268 64.8 52.1 78.1

264 66.0 50.8 76.2

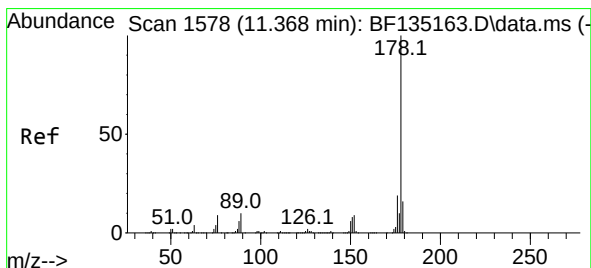
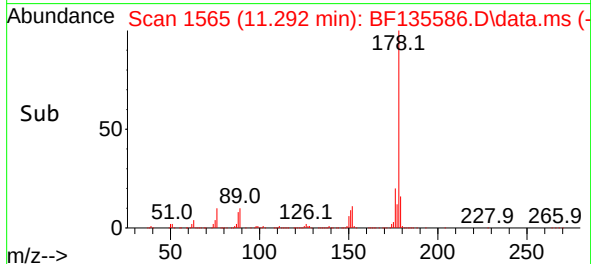
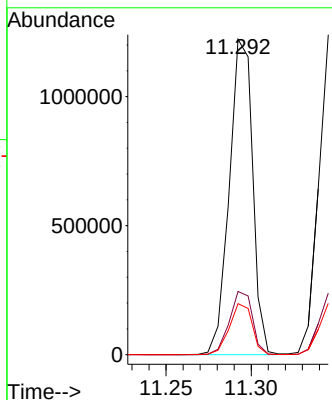
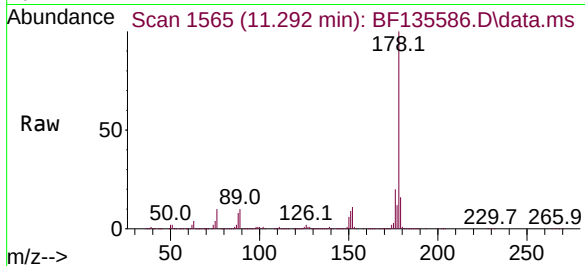




#71  
Phenanthrene  
Concen: 46.804 ng  
RT: 11.292 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

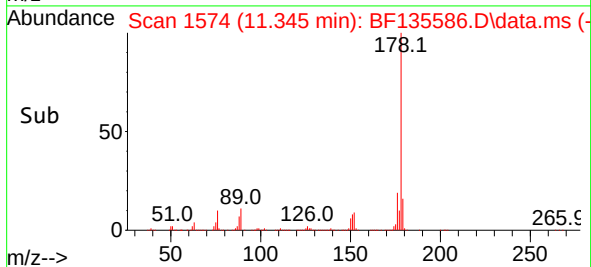
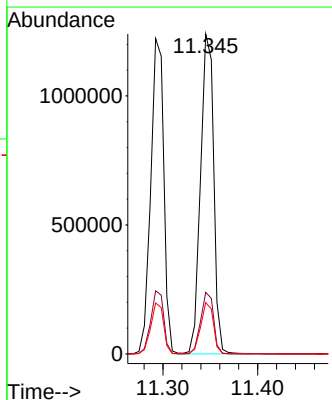
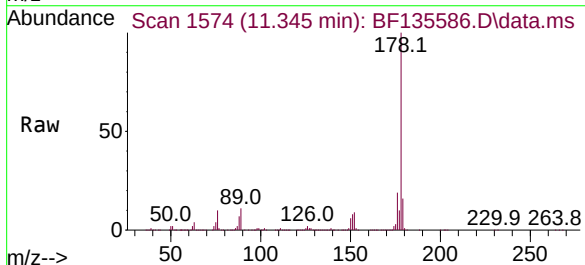
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

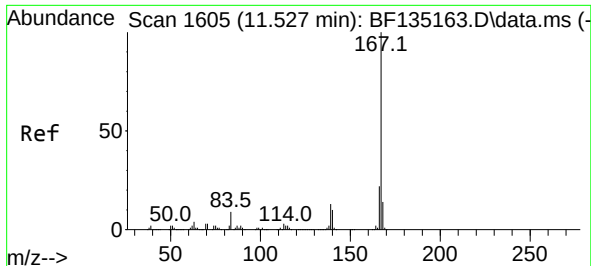
Tgt Ion:178 Resp: 1167916  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.6 23.4  
179 16.2 12.0 18.0



#72  
Anthracene  
Concen: 46.486 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:178 Resp: 1192339  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 16.0 12.6 19.0

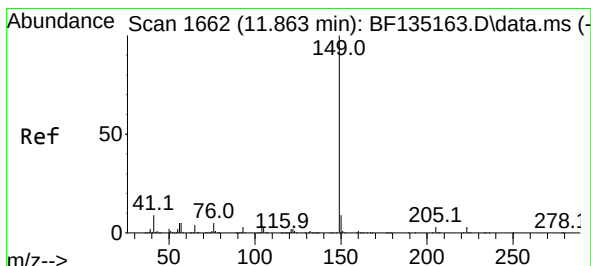
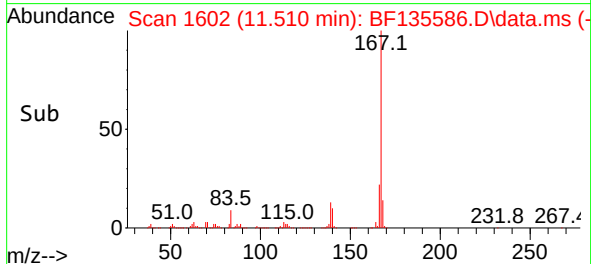
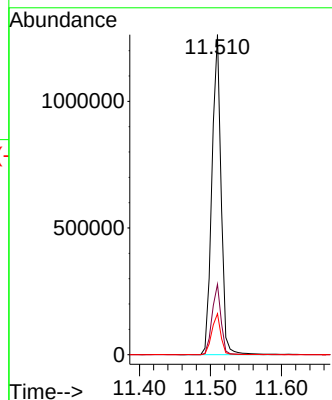
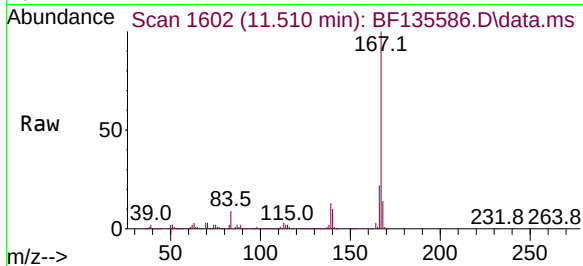




#73  
 Carbazole  
 Concen: 48.504 ng  
 RT: 11.510 min Scan# 1602  
 Delta R.T. 0.000 min  
 Lab File: BF135586.D  
 Acq: 04 Oct 2023 23:55

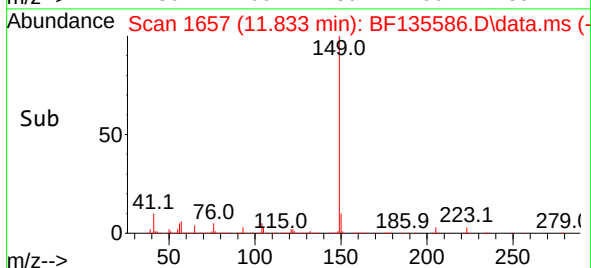
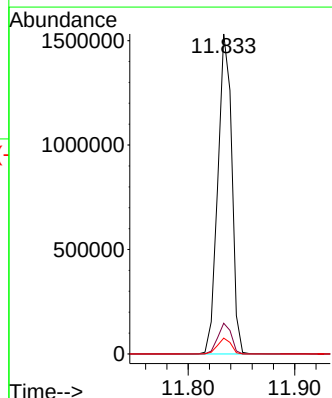
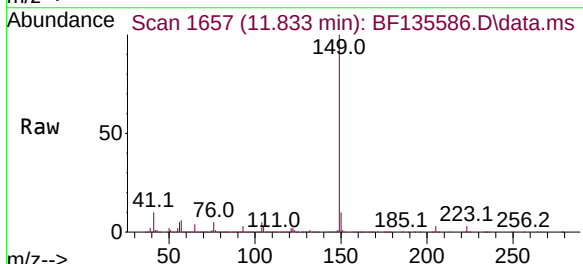
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E9066-OB-001

Tgt Ion:167 Resp: 1132519  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.4 26.0  
 139 12.8 10.6 15.8

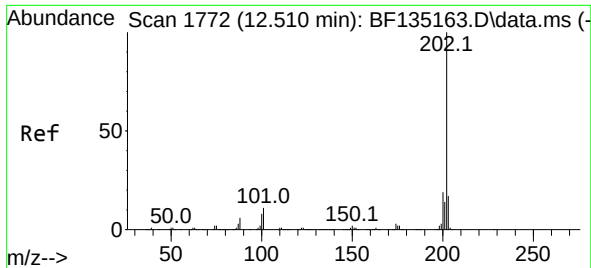


#74  
 Di-n-butylphthalate  
 Concen: 50.629 ng  
 RT: 11.833 min Scan# 1657  
 Delta R.T. 0.000 min  
 Lab File: BF135586.D  
 Acq: 04 Oct 2023 23:55

Tgt Ion:149 Resp: 1392958  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.0  
 104 5.0 3.6 5.4



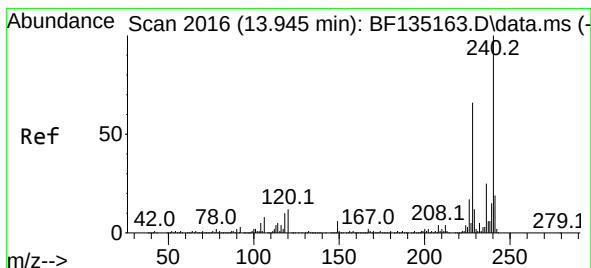
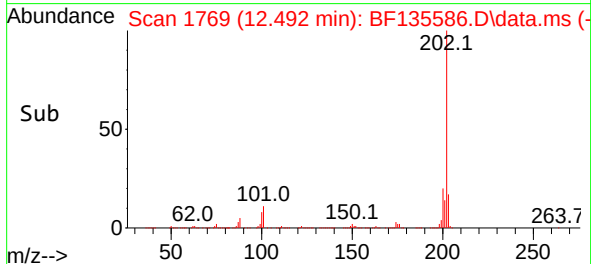
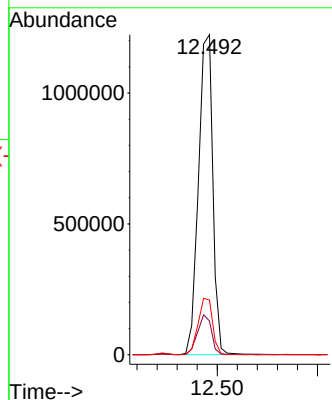
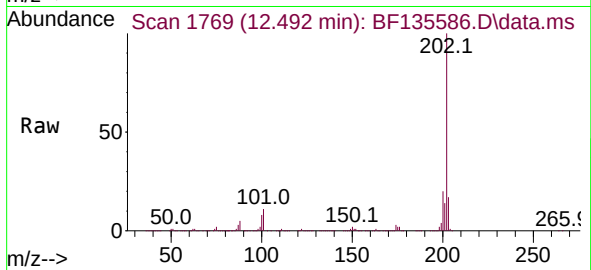




#75  
Fluoranthene  
Concen: 46.896 ng  
RT: 12.492 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

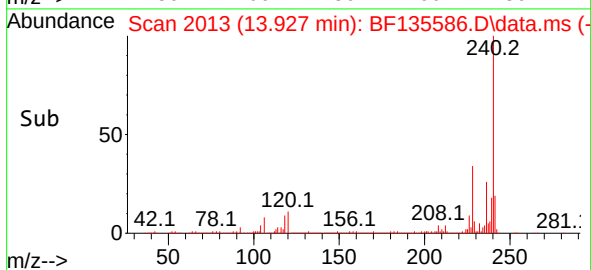
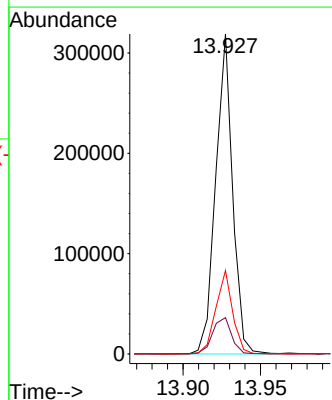
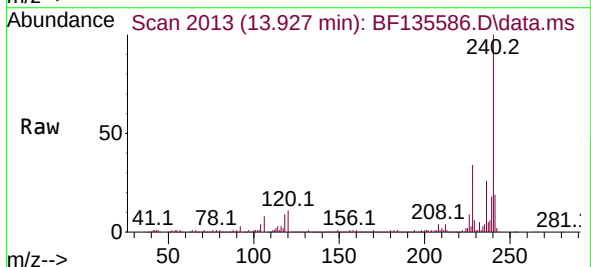
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

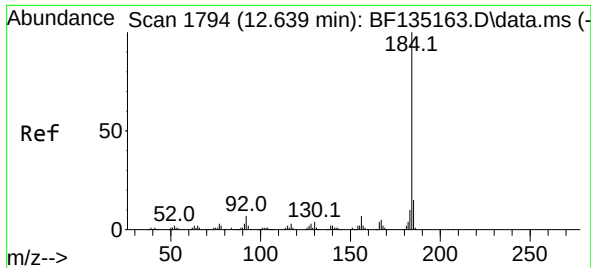
Tgt Ion:202 Resp: 1219333  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 31.3  
203 17.1 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:240 Resp: 242070  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.4 14.2  
236 26.1 19.8 29.8

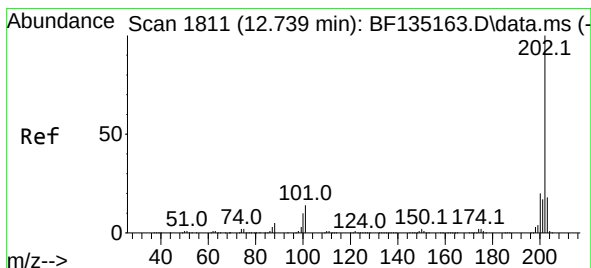
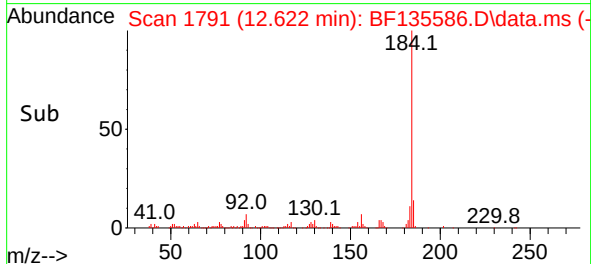
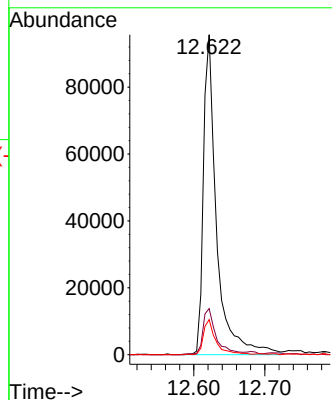
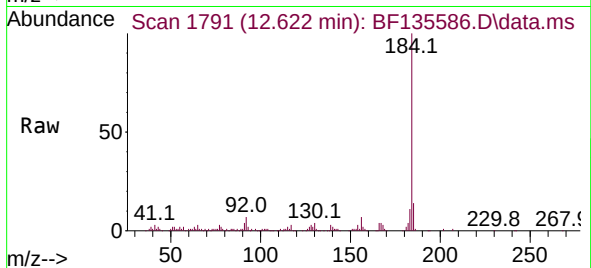




#77  
Benzidine  
Concen: 24.993 ng  
RT: 12.622 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

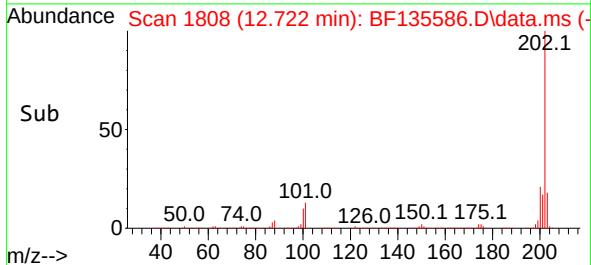
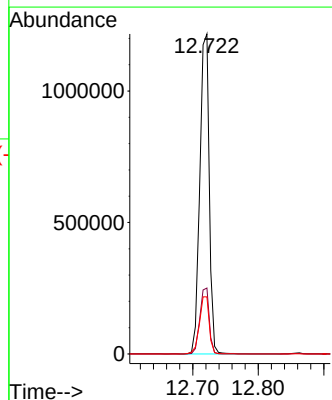
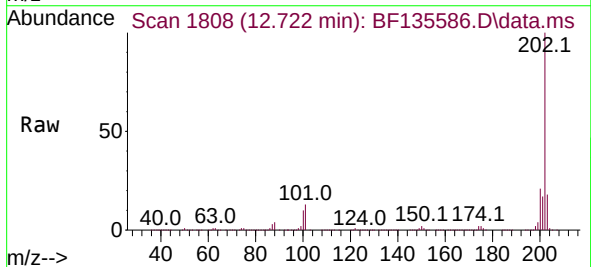
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

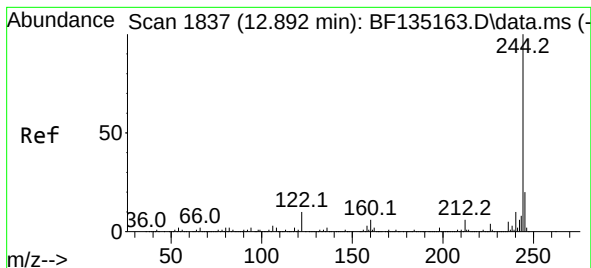
Tgt Ion:184 Resp: 123945  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.7 17.5  
183 10.9 8.2 12.4



#78  
Pyrene  
Concen: 52.777 ng  
RT: 12.722 min Scan# 1808  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:202 Resp: 1216340  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.2 24.2  
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 65.410 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

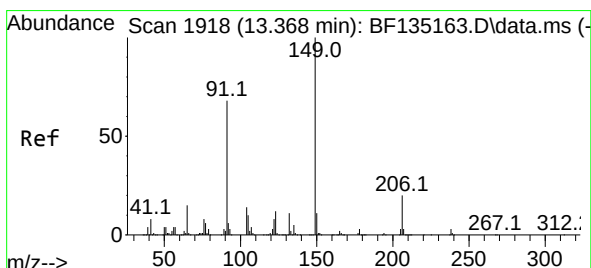
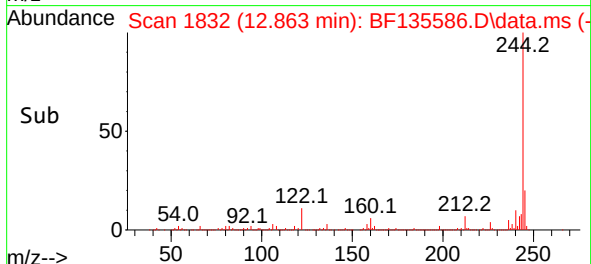
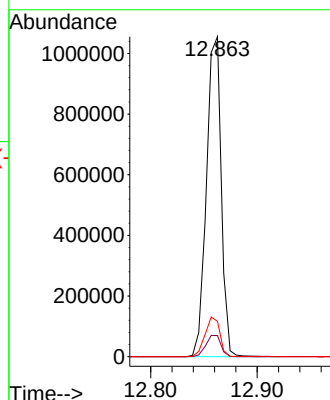
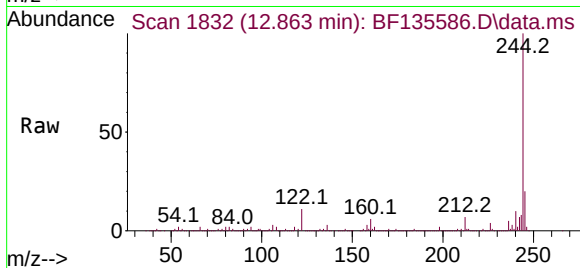
Tgt Ion:244 Resp: 1021416

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.0 7.9 11.9



#80

Butylbenzylphthalate

Concen: 60.751 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

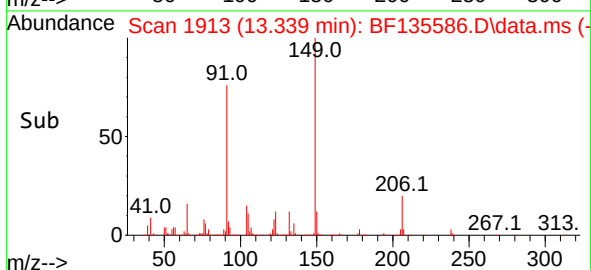
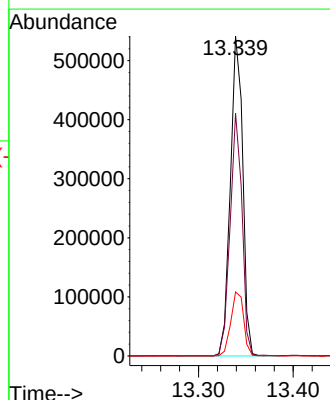
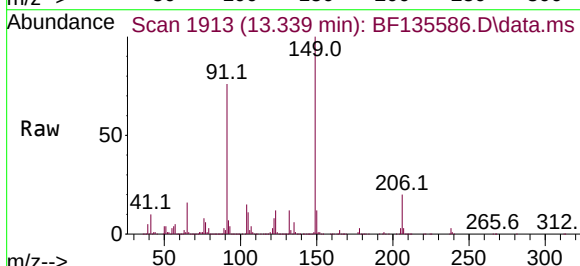
Tgt Ion:149 Resp: 492960

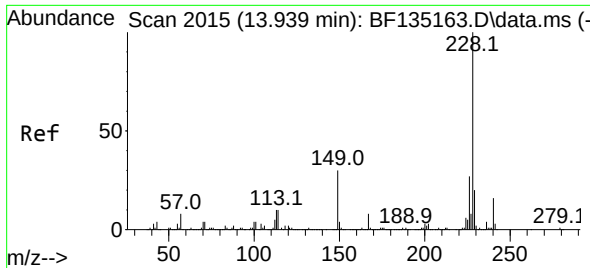
Ion Ratio Lower Upper

149 100

91 75.9 54.7 82.1

206 20.0 16.3 24.5

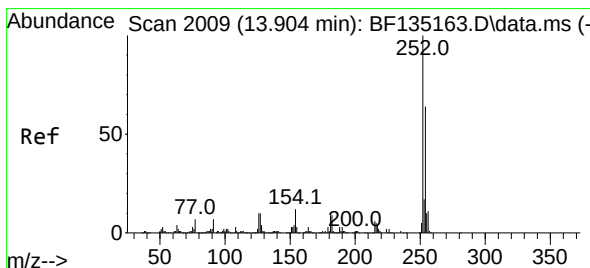
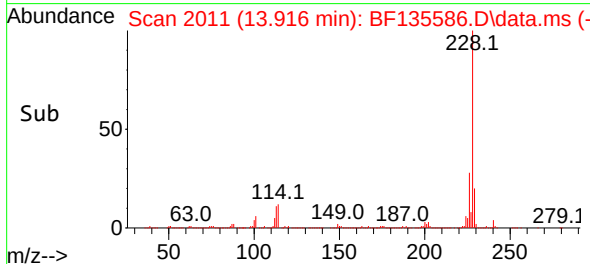
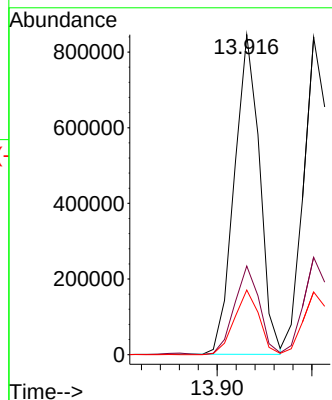
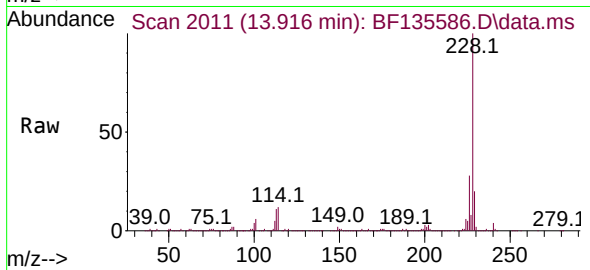




#81  
Benzo(a)anthracene  
Concen: 50.022 ng  
RT: 13.916 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

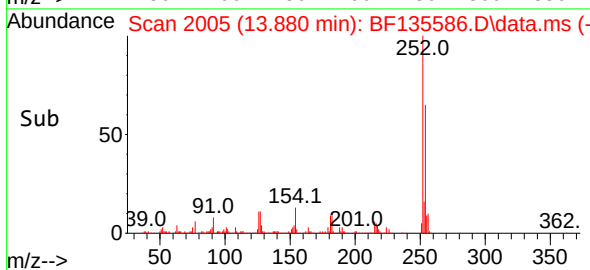
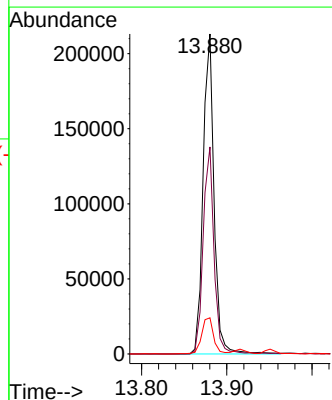
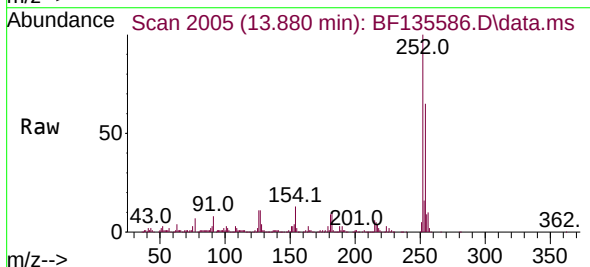
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

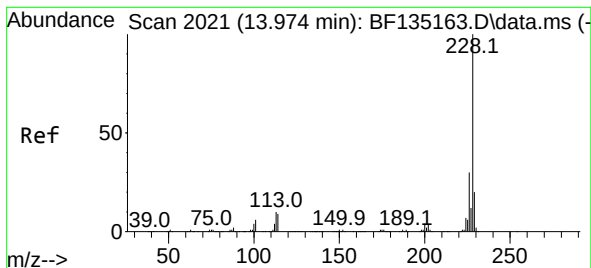
Tgt Ion:228 Resp: 781902  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.7 32.5  
229 20.2 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 38.951 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:252 Resp: 190178  
Ion Ratio Lower Upper  
252 100  
254 64.7 51.0 76.4  
126 11.3 7.8 11.8





#83

Chrysene

Concen: 48.989 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

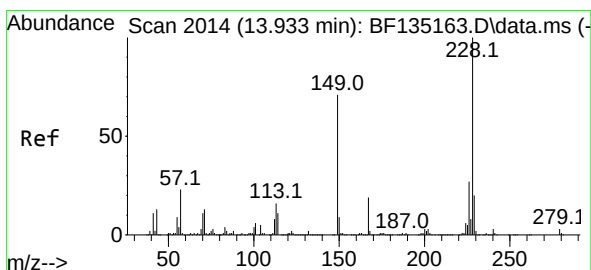
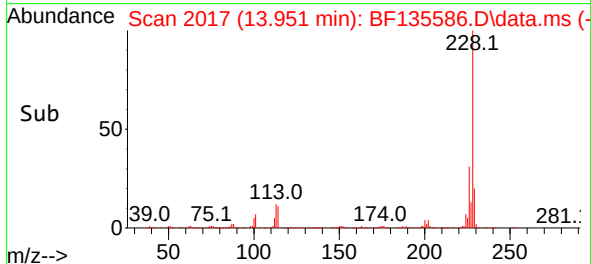
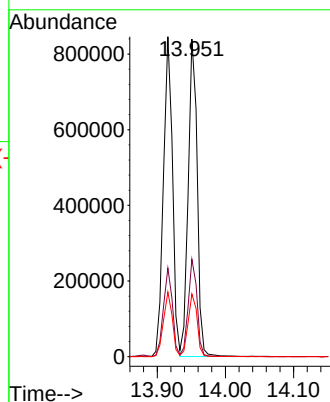
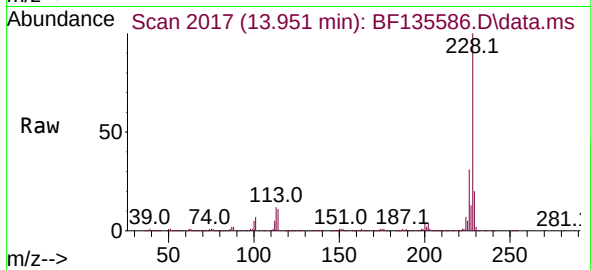
Tgt Ion:228 Resp: 761331

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.078 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

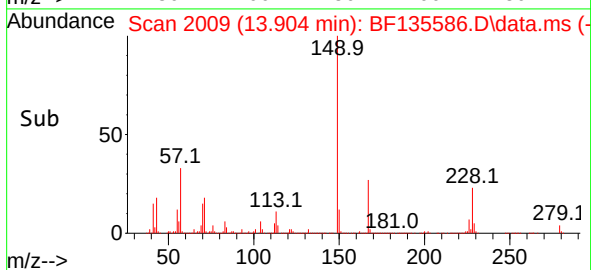
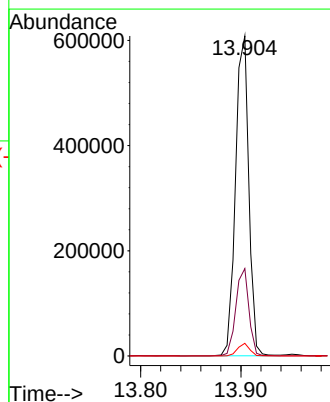
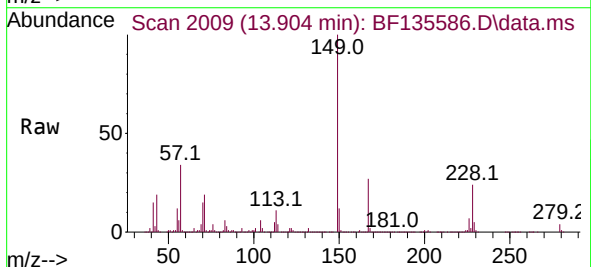
Tgt Ion:149 Resp: 558549

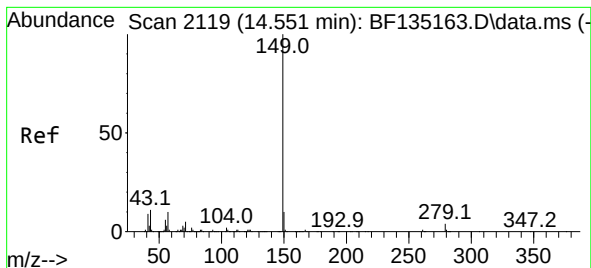
Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 65.431 ng

RT: 14.516 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

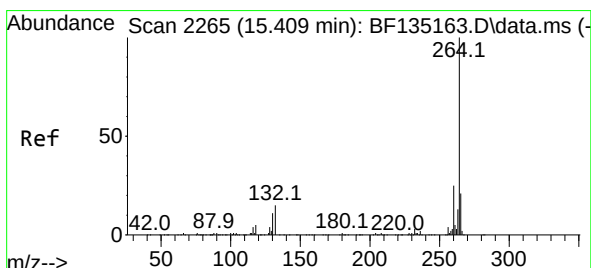
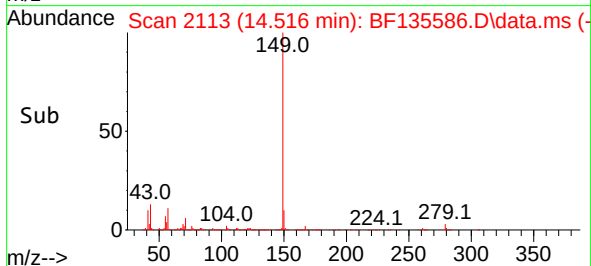
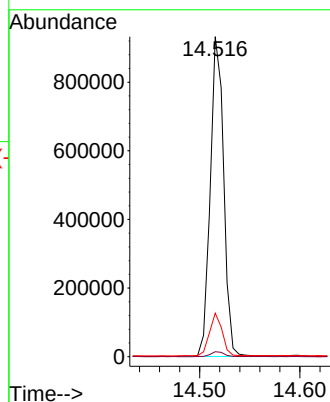
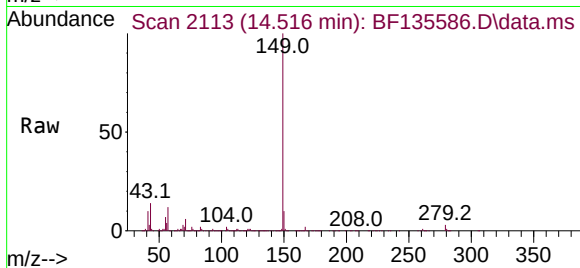
Tgt Ion:149 Resp: 865848

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

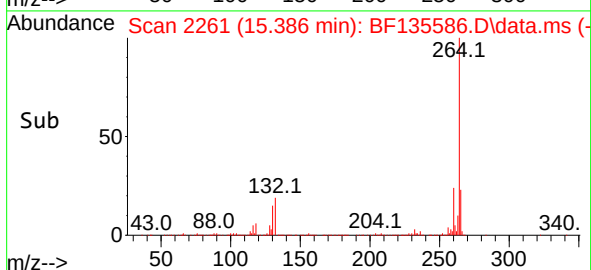
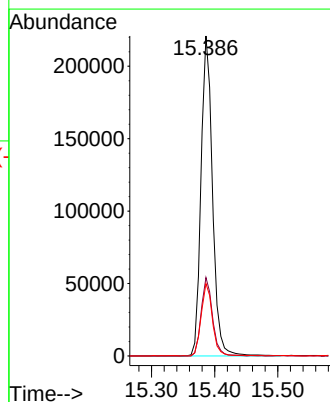
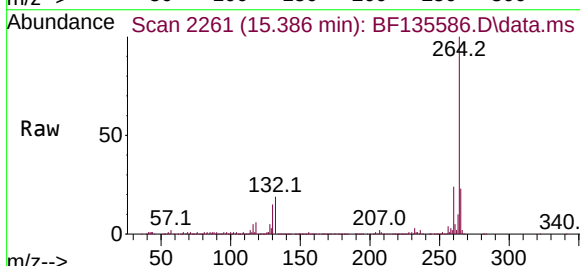
Tgt Ion:264 Resp: 278746

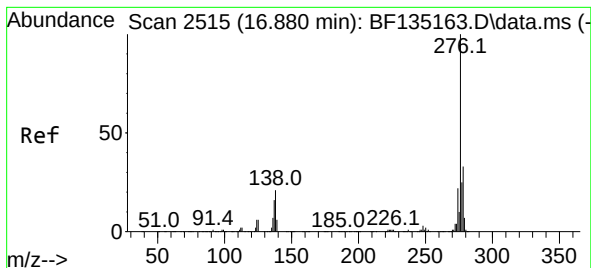
Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 22.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.943 ng

RT: 16.874 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

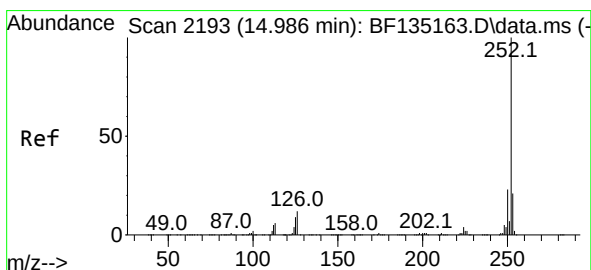
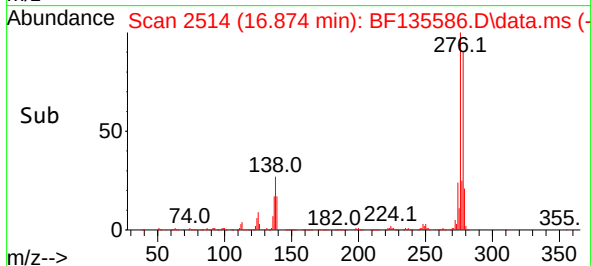
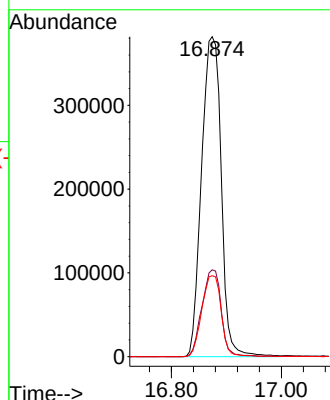
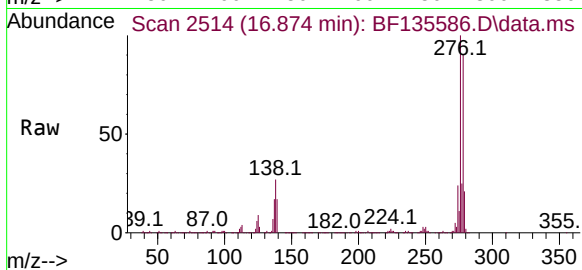
Tgt Ion:276 Resp: 949327

Ion Ratio Lower Upper

276 100

138 26.6 19.2 28.8

277 24.9 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 41.993 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.030 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

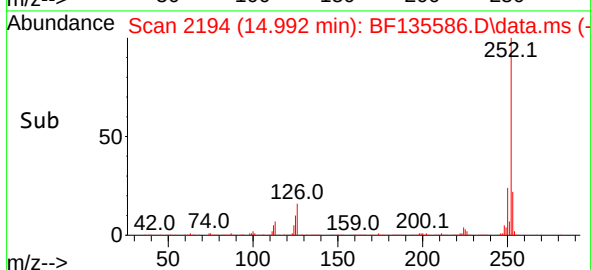
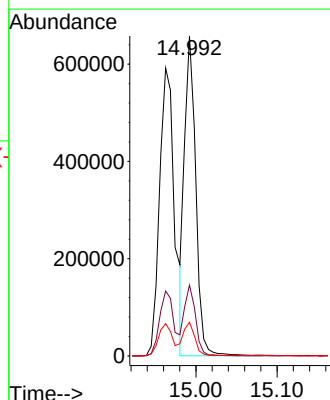
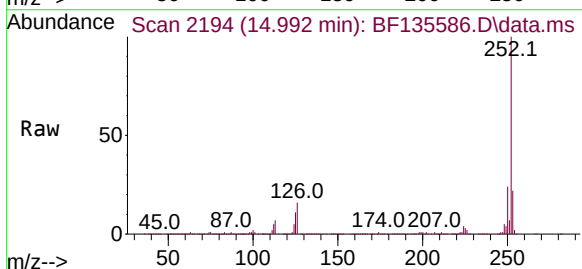
Tgt Ion:252 Resp: 633661

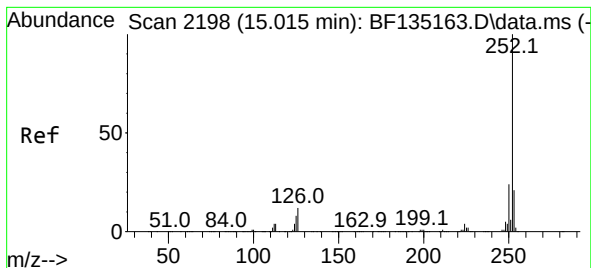
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 42.511 ng

RT: 14.992 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-001

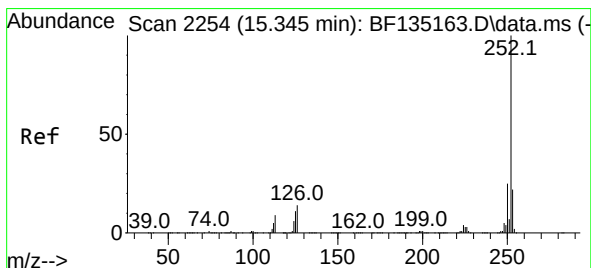
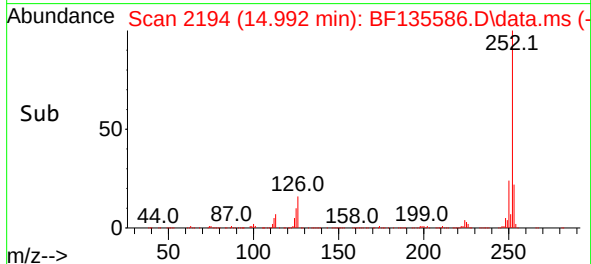
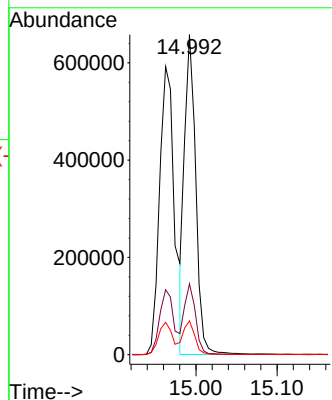
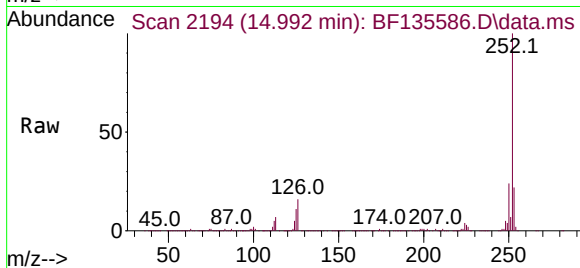
Tgt Ion:252 Resp: 633661

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 45.935 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF135586.D

Acq: 04 Oct 2023 23:55

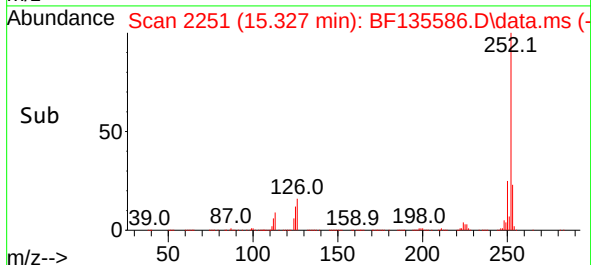
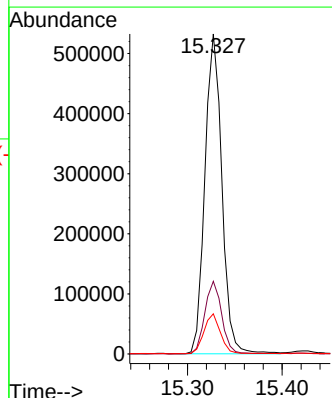
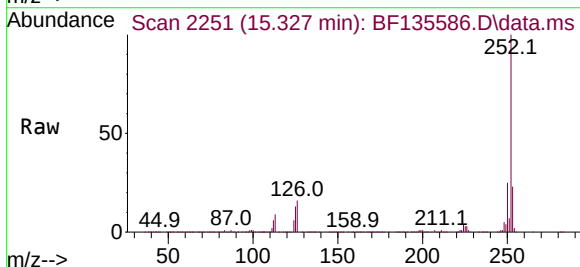
Tgt Ion:252 Resp: 661001

Ion Ratio Lower Upper

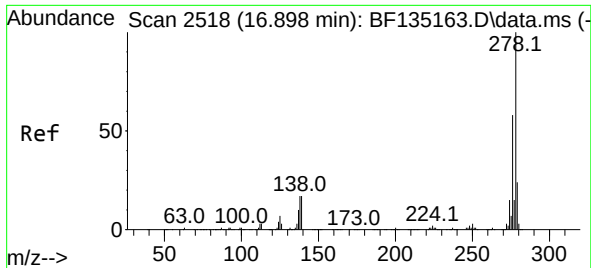
252 100

253 22.7 17.5 26.3

125 12.5 9.2 13.8



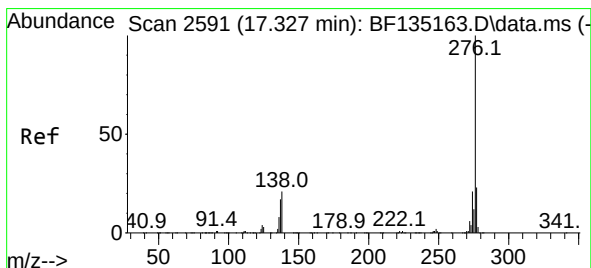
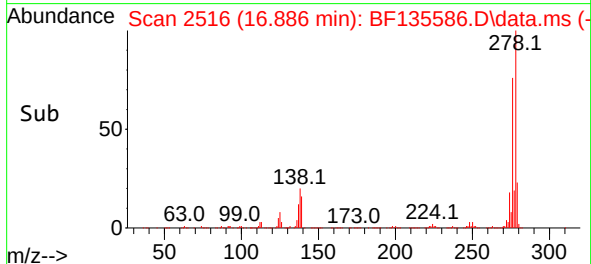
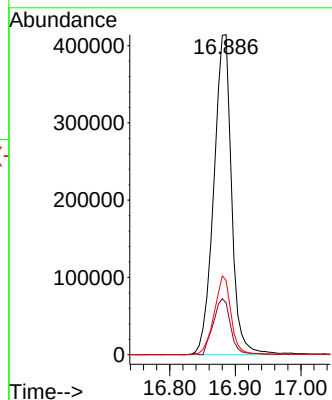
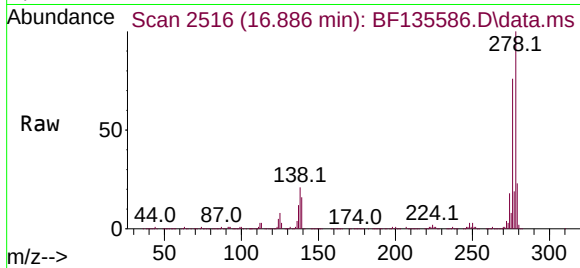




#91  
Dibenzo(a,h)anthracene  
Concen: 52.108 ng  
RT: 16.886 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-001

Tgt Ion:278 Resp: 779226  
Ion Ratio Lower Upper  
278 100  
139 16.2 13.4 20.0  
279 23.1 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 52.012 ng  
RT: 17.321 min Scan# 2590  
Delta R.T. 0.006 min  
Lab File: BF135586.D  
Acq: 04 Oct 2023 23:55

Tgt Ion:276 Resp: 812295  
Ion Ratio Lower Upper  
276 100  
277 23.5 18.8 28.2  
138 23.2 16.9 25.3

