

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091522\  
 Data File : BF130268.D  
 Acq On : 15 Sep 2022 13:22  
 Operator : CG\JU  
 Sample : PB147633BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147633BS

Quant Time: Sep 16 03:25:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 14:55:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.675  | 152  | 108005   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.957  | 136  | 434960   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.710  | 164  | 235177   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.192 | 188  | 399871   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.822 | 240  | 246964   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.210 | 264  | 179347   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.287  | 112  | 843163   | 135.404 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.316  | 99   | 1052330  | 135.063 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.245  | 82   | 689979   | 81.042  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.504 | 330  | 351018   | 155.770 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.039  | 172  | 1310243  | 81.129  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.775 | 244  | 1440887  | 96.646  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.399  | 88   | 96962    | 33.905  | ng    | 97       |
| 3) Pyridine                   | 3.081  | 79   | 252490   | 33.845  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.040  | 42   | 164763   | 40.607  | ng    | 99       |
| 6) Aniline                    | 6.340  | 93   | 407199   | 42.416  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.457  | 128  | 326052   | 45.966  | ng    | 97       |
| 9) Benzaldehyde               | 6.228  | 77   | 209049   | 40.055  | ng    | 92       |
| 10) Phenol                    | 6.328  | 94   | 398896   | 43.687  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.422  | 93   | 294614   | 44.734  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.616  | 146  | 342127   | 43.834  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.693  | 146  | 349319   | 43.888  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.846  | 146  | 331741   | 44.617  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.828  | 79   | 264105   | 42.753  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.957  | 45   | 408114   | 42.487  | ng    | 98       |
| 17) 2-Methylphenol            | 6.940  | 107  | 255942   | 44.386  | ng    | 99       |
| 18) Hexachloroethane          | 7.187  | 117  | 138535   | 44.156  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.104  | 70   | 231723   | 44.075  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.093  | 107  | 328960   | 43.916  | ng    | # 85     |
| 22) Acetophenone              | 7.093  | 105  | 469605   | 44.160  | ng    | 98       |
| 24) Nitrobenzene              | 7.263  | 77   | 352863   | 40.817  | ng    | 98       |
| 25) Isophorone                | 7.504  | 82   | 626548   | 45.659  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.581  | 139  | 167624   | 47.300  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.622  | 122  | 292602   | 53.624  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.722  | 93   | 371150   | 48.034  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.822  | 162  | 266764   | 44.613  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 7.904  | 180  | 272840   | 42.204  | ng    | 95       |
| 31) Naphthalene               | 7.981  | 128  | 937227   | 41.824  | ng    | 100      |
| 32) Benzoic acid              | 7.757  | 122  | 195187   | 46.256  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.034  | 127  | 308588   | 36.208  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.098  | 225  | 177300   | 42.913  | ng    | 99       |
| 35) Caprolactam               | 8.410  | 113  | 42801    | 24.968  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.522  | 107  | 303953   | 45.860  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.675  | 142  | 618421   | 43.284  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.769  | 142  | 582981   | 42.475  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.839  | 216  | 281860   | 43.916  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.828  | 237  | 401239   | 116.769 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 8.951  | 196  | 191944   | 42.852  | ng    | 96       |

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 ALS Vial : 7 Sample Multiplier: 1

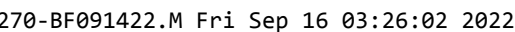
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147633BS

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 14:55:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.987  | 196  | 204669   | 42.343 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 9.139  | 154  | 758638   | 43.193 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.163  | 162  | 591758   | 41.649 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.263  | 65   | 199741   | 42.149 | ng    | 91       |
| 49) Acenaphthylene            | 9.575  | 152  | 895137   | 42.019 | ng    | 99       |
| 50) Dimethylphthalate         | 9.445  | 163  | 708461   | 43.611 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.504  | 165  | 156558   | 46.081 | ng    | 94       |
| 52) Acenaphthene              | 9.745  | 154  | 539349   | 38.534 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.675  | 138  | 132969   | 35.124 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.781  | 184  | 177634   | 95.102 | ng    | # 87     |
| 55) Dibenzofuran              | 9.916  | 168  | 824877   | 42.370 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.839  | 139  | 252588   | 91.606 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 208998   | 48.134 | ng    | 99       |
| 58) Fluorene                  | 10.257 | 166  | 682099   | 42.841 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.034 | 232  | 159444   | 42.144 | ng    | 98       |
| 60) Diethylphthalate          | 10.145 | 149  | 710812   | 43.633 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.257 | 204  | 317332   | 45.433 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.292 | 138  | 163028   | 42.868 | ng    | 96       |
| 63) Azobenzene                | 10.416 | 77   | 684278   | 40.793 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.310 | 198  | 104901   | 47.126 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.375 | 169  | 574025   | 42.958 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.739 | 248  | 200410   | 45.432 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.798 | 284  | 230624   | 46.121 | ng    | 93       |
| 69) Atrazine                  | 10.904 | 200  | 195630   | 50.097 | ng    | 99       |
| 70) Pentachlorophenol         | 10.998 | 266  | 255342   | 95.147 | ng    | 98       |
| 71) Phenanthrene              | 11.216 | 178  | 945160   | 42.100 | ng    | 100      |
| 72) Anthracene                | 11.269 | 178  | 964001   | 44.495 | ng    | 99       |
| 73) Carbazole                 | 11.428 | 167  | 867792   | 44.383 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.763 | 149  | 1069602  | 45.364 | ng    | 100      |
| 75) Fluoranthene              | 12.398 | 202  | 956134   | 44.074 | ng    | 98       |
| 77) Benzidine                 | 12.527 | 184  | 560879   | 78.235 | ng    | 99       |
| 78) Pyrene                    | 12.627 | 202  | 950325   | 43.987 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.251 | 149  | 384768   | 48.074 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.810 | 228  | 719569   | 43.798 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.780 | 252  | 193073   | 43.172 | ng    | # 98     |
| 83) Chrysene                  | 13.845 | 228  | 661626   | 42.413 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.810 | 149  | 453706   | 49.490 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.421 | 149  | 624838   | 44.561 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.539 | 276  | 594859   | 46.772 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.816 | 252  | 573837   | 49.021 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.845 | 252  | 507306   | 44.056 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.151 | 252  | 458970   | 49.491 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.563 | 278  | 523750   | 50.199 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 16.945 | 276  | 515883   | 49.084 | ng    | 99       |

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

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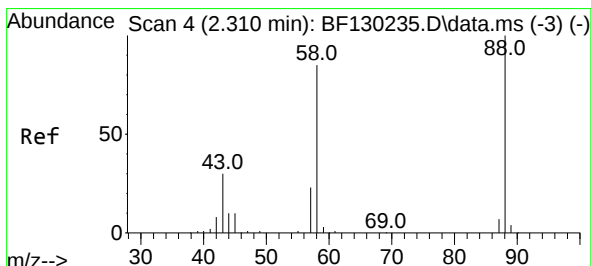
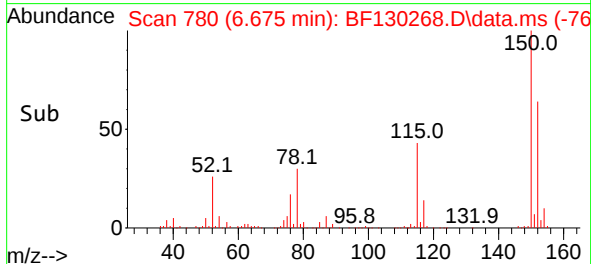
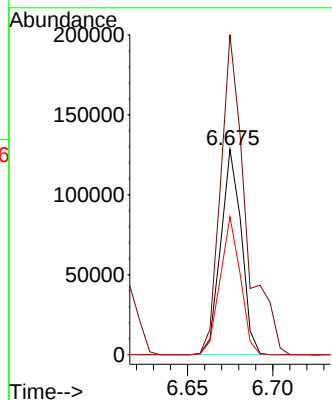
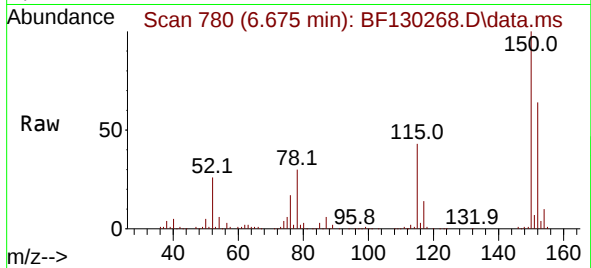




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.675 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

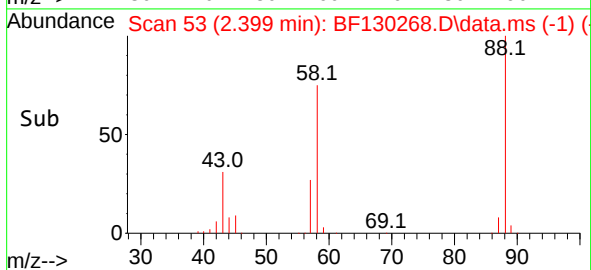
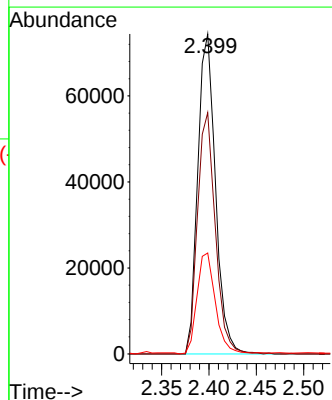
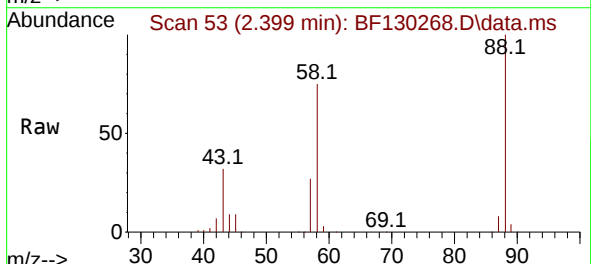
Instrument :  
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 PB147633BS

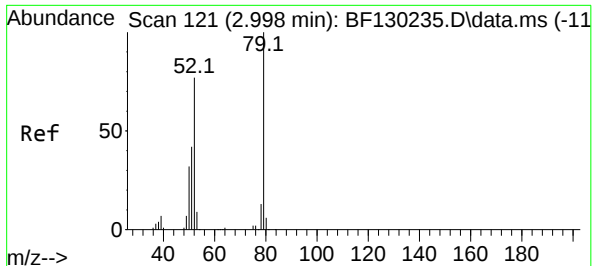
Tgt Ion:152 Resp: 108005  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 122.8 184.2  
 115 67.2 53.8 80.8



#2  
 1,4-Dioxane  
 Concen: 33.905 ng  
 RT: 2.399 min Scan# 53  
 Delta R.T. 0.088 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

Tgt Ion: 88 Resp: 96962  
 Ion Ratio Lower Upper  
 88 100  
 58 75.7 61.3 91.9  
 43 32.9 23.0 34.6





#3

Pyridine

Concen: 33.845 ng

RT: 3.081 min Scan# 1

Delta R.T. 0.083 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

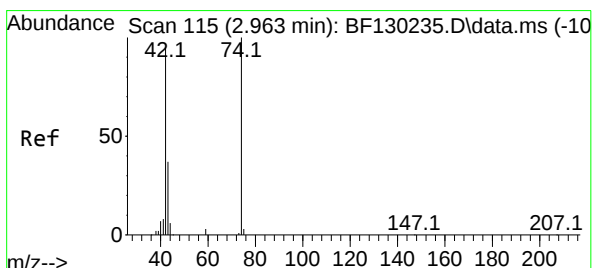
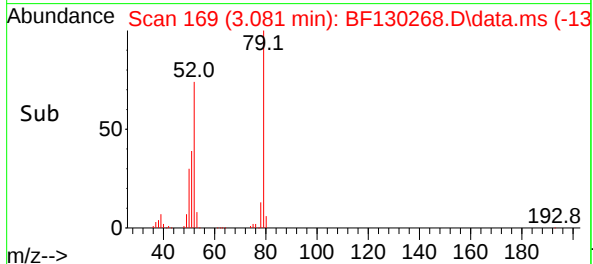
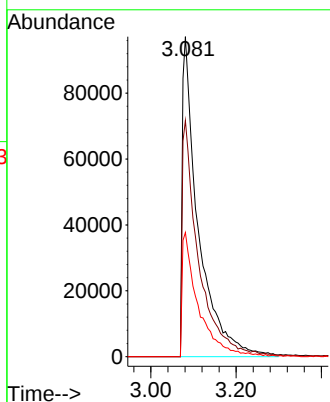
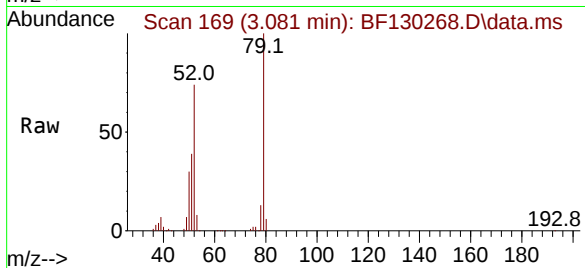
Tgt Ion: 79 Resp: 252490

Ion Ratio Lower Upper

79 100

52 73.8 62.4 93.6

51 38.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 40.607 ng

RT: 3.040 min Scan# 162

Delta R.T. 0.077 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

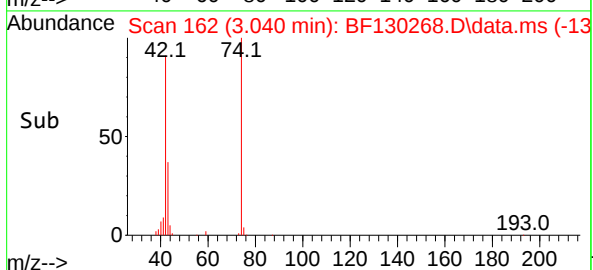
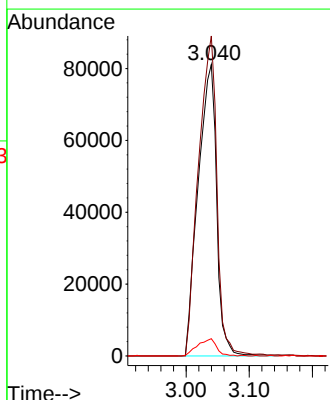
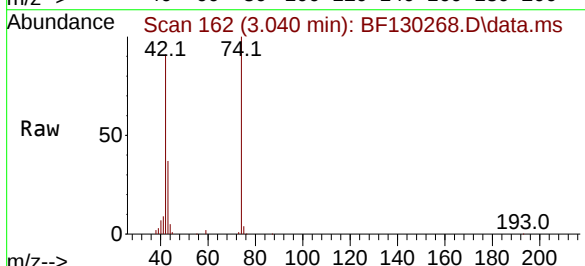
Tgt Ion: 42 Resp: 164763

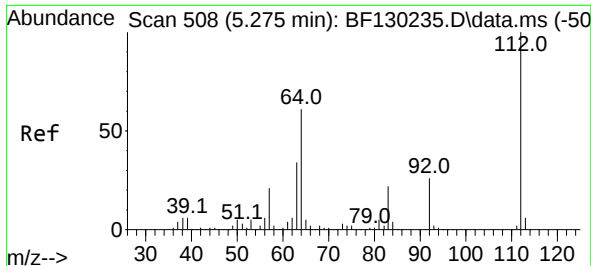
Ion Ratio Lower Upper

42 100

74 109.9 88.4 132.6

44 6.0 5.0 7.4

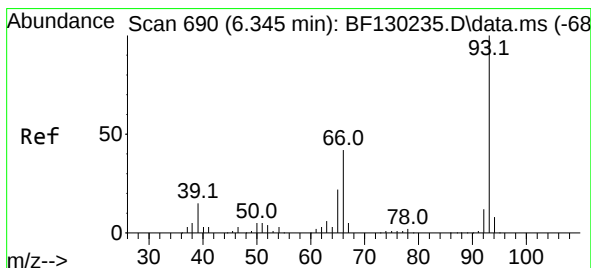
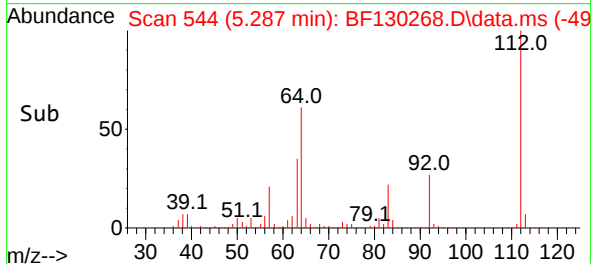
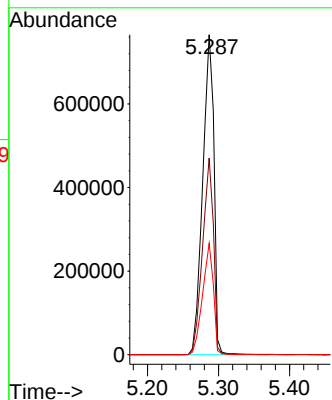
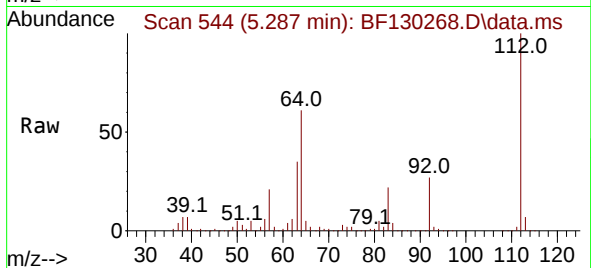




#5  
2-Fluorophenol  
Concen: 135.404 ng  
RT: 5.287 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

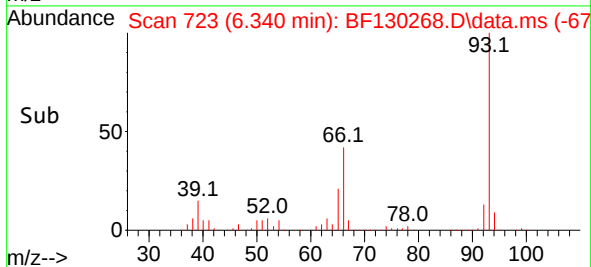
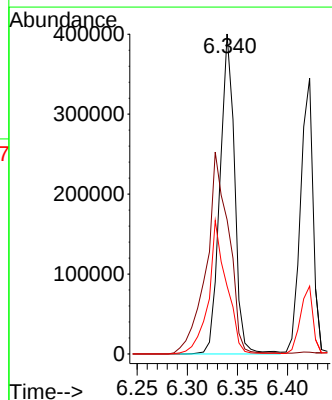
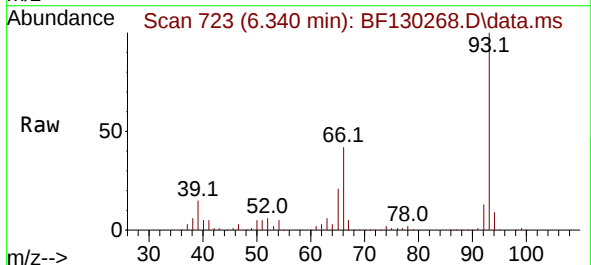
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Tgt Ion:112 Resp: 843163  
Ion Ratio Lower Upper  
112 100  
64 61.4 51.4 77.0  
63 34.8 28.8 43.2



#6  
Aniline  
Concen: 42.416 ng  
RT: 6.340 min Scan# 723  
Delta R.T. -0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion: 93 Resp: 407199  
Ion Ratio Lower Upper  
93 100  
66 41.9 34.2 51.4  
65 21.2 16.6 24.8

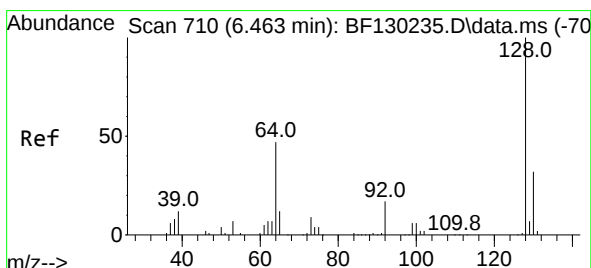
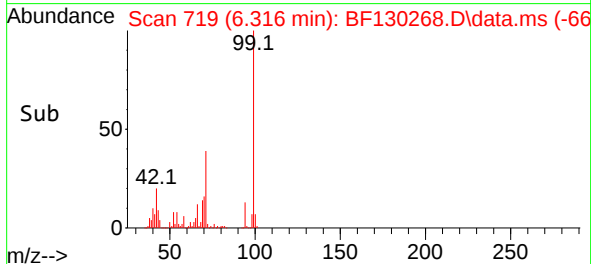
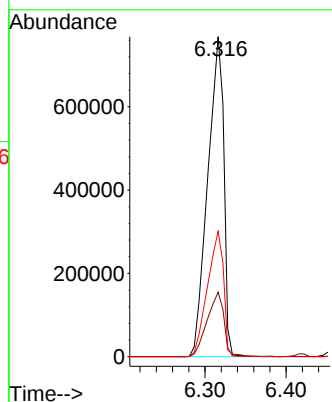
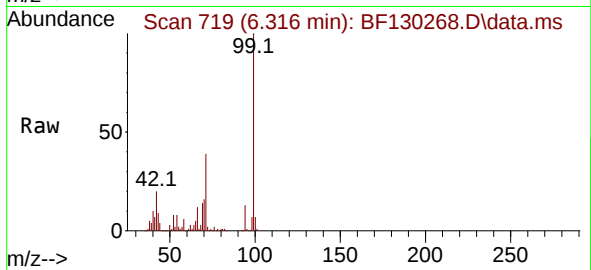




#7  
Phenol-d6  
Concen: 135.063 ng  
RT: 6.316 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

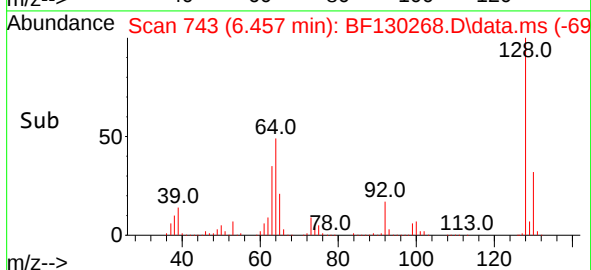
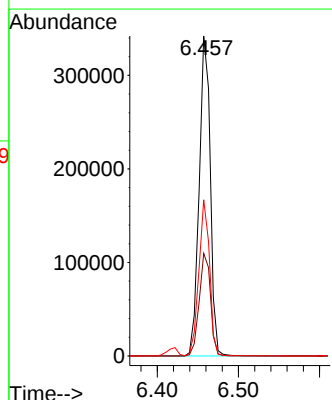
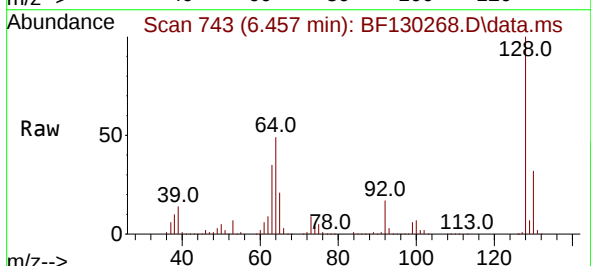
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ClientSampleId :  
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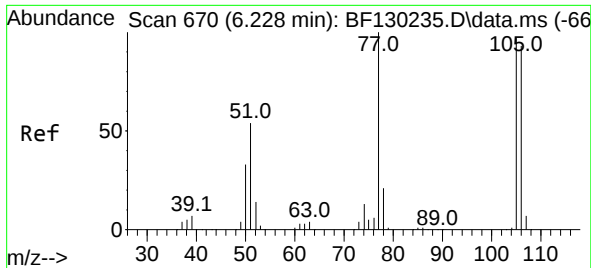
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Ion Ratio Lower Upper  
99 100  
42 20.1 17.0 25.6  
71 39.2 32.3 48.5



#8  
2-Chlorophenol  
Concen: 45.966 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion: 128 Resp: 326052  
Ion Ratio Lower Upper  
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64 48.8 31.6 71.6

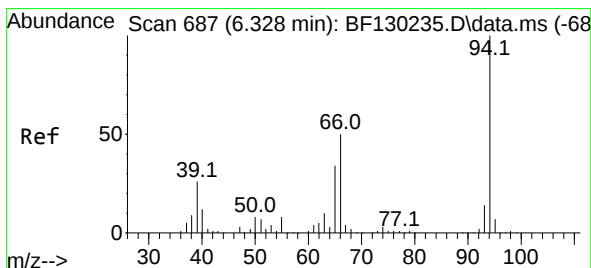
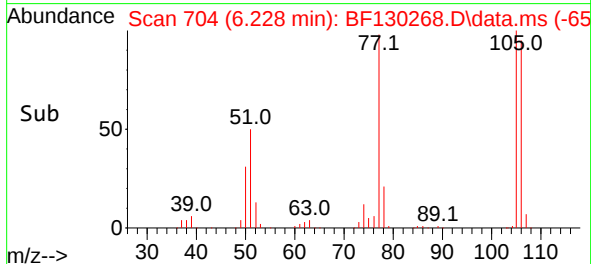
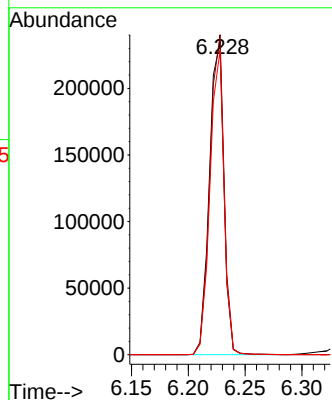
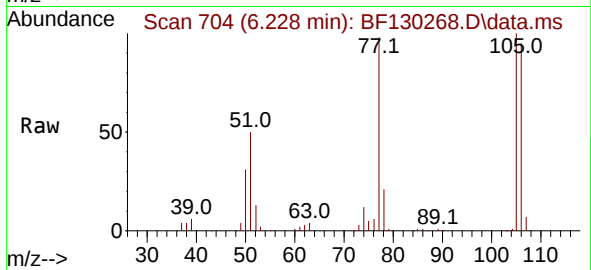




#9  
Benzaldehyde  
Concen: 40.055 ng  
RT: 6.228 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

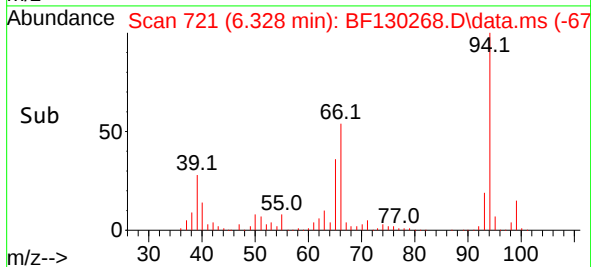
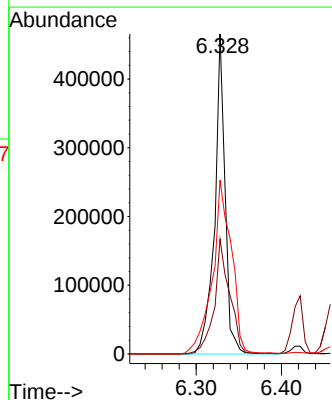
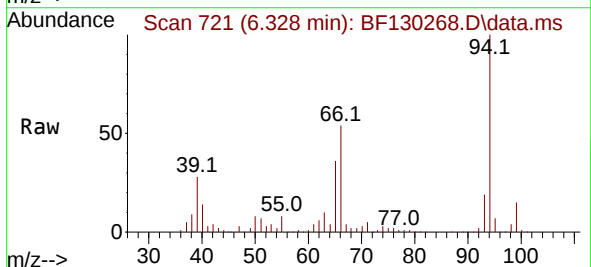
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

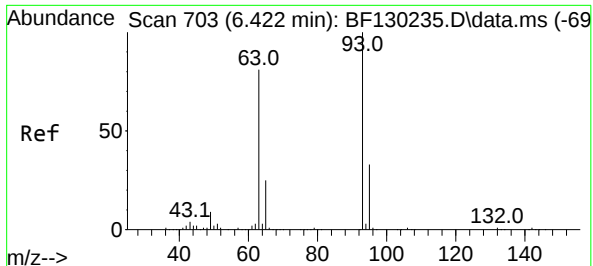
Tgt Ion: 77 Resp: 209049  
Ion Ratio Lower Upper  
77 100  
105 102.3 75.1 115.1  
106 97.3 69.7 109.7



#10  
Phenol  
Concen: 43.687 ng  
RT: 6.328 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion: 94 Resp: 398896  
Ion Ratio Lower Upper  
94 100  
65 35.9 14.1 54.1  
66 54.3 28.1 68.1

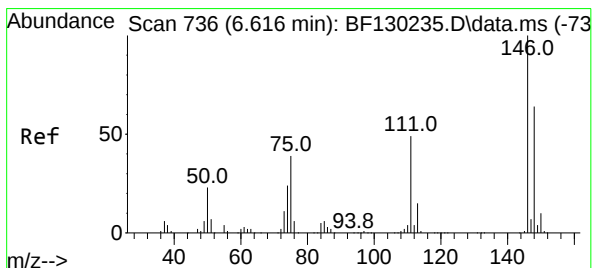
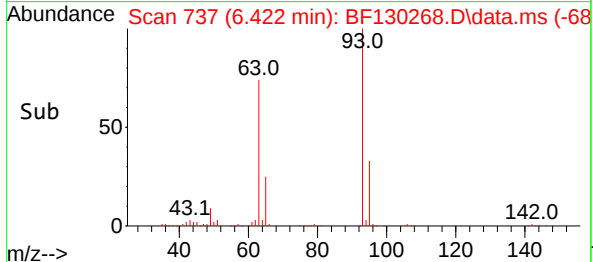
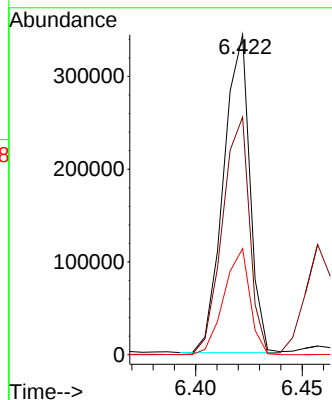
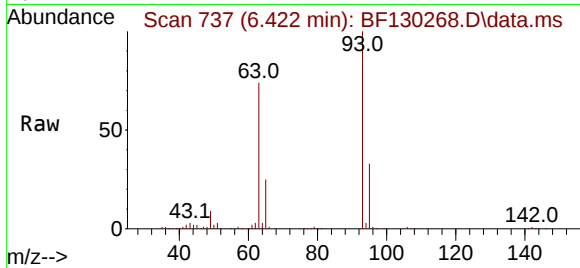




#11  
bis(2-Chloroethyl)ether  
Concen: 44.734 ng  
RT: 6.422 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

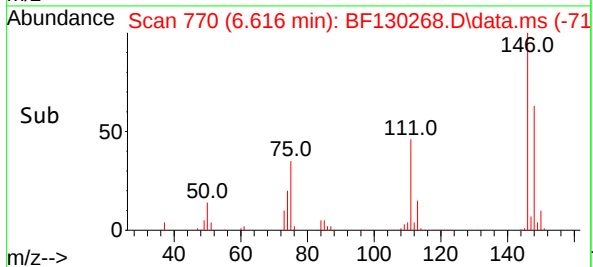
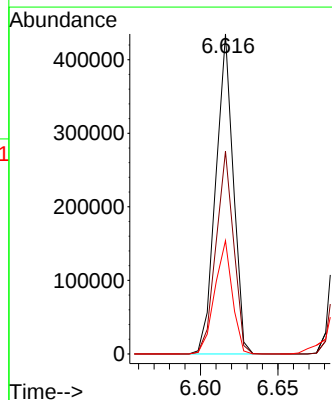
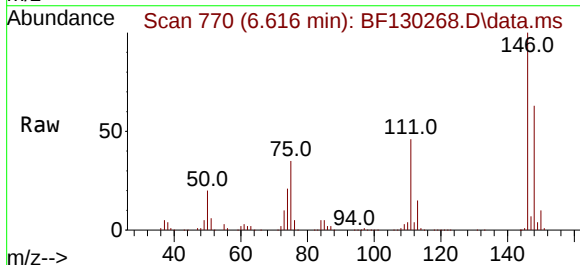
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

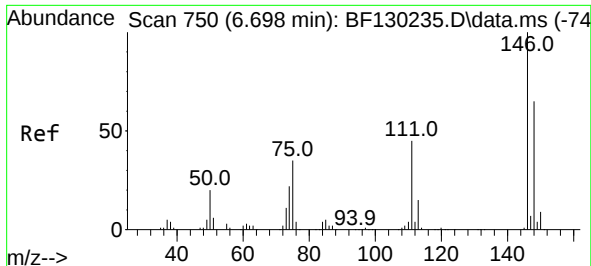
Tgt Ion: 93 Resp: 294614  
Ion Ratio Lower Upper  
93 100  
63 74.3 62.5 102.5  
95 33.1 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 43.834 ng  
RT: 6.616 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:146 Resp: 342127  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.4 77.2  
75 35.4 28.8 43.2

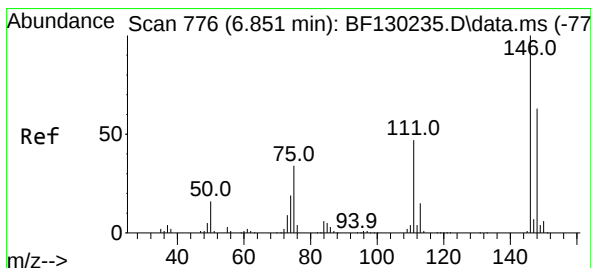
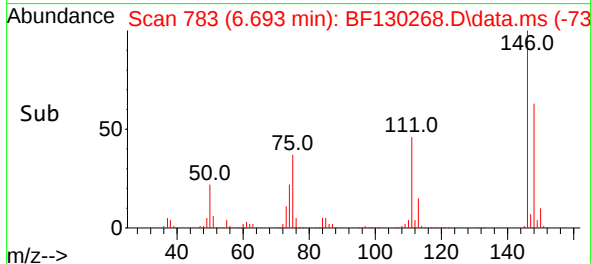
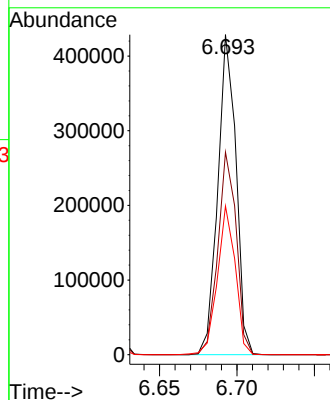
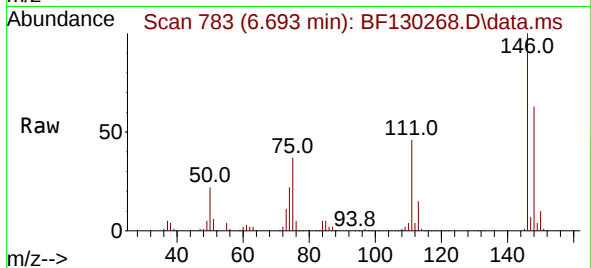




#13  
 1,4-Dichlorobenzene  
 Concen: 43.888 ng  
 RT: 6.693 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

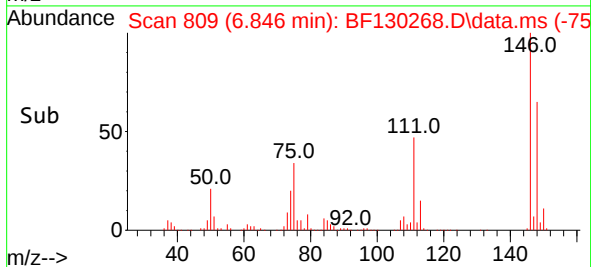
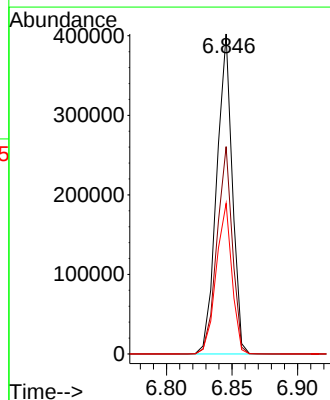
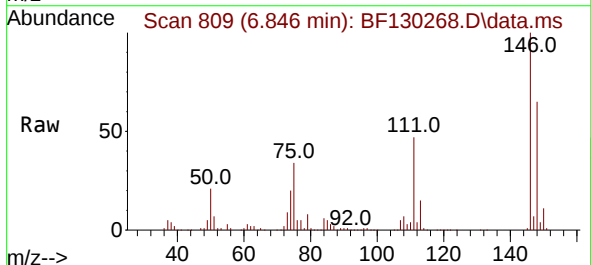
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147633BS

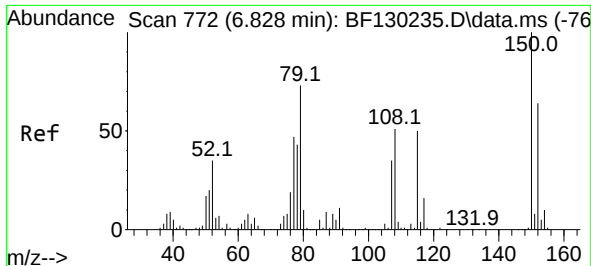
Tgt Ion:146 Resp: 349319  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 50.3 75.5  
 111 46.5 36.3 54.5



#14  
 1,2-Dichlorobenzene  
 Concen: 44.617 ng  
 RT: 6.846 min Scan# 809  
 Delta R.T. -0.006 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

Tgt Ion:146 Resp: 331741  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.6 77.4  
 111 47.1 39.2 58.8

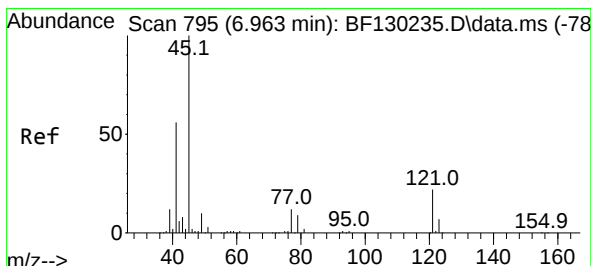
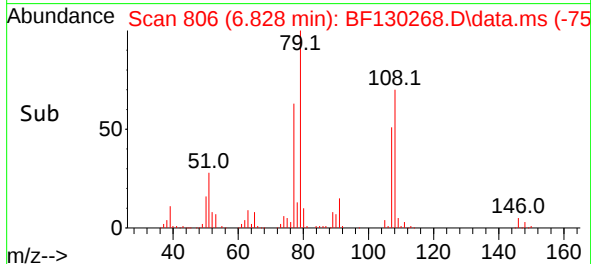
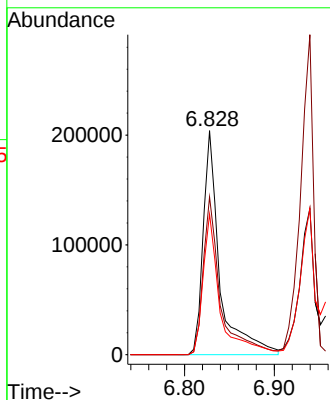
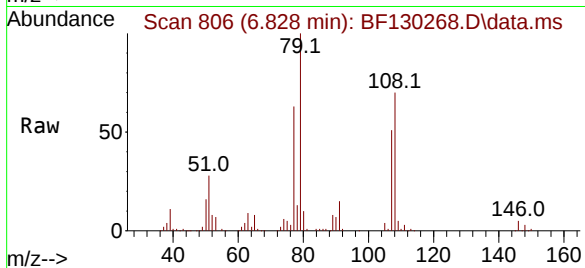




#15  
Benzyl Alcohol  
Concen: 42.753 ng  
RT: 6.828 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

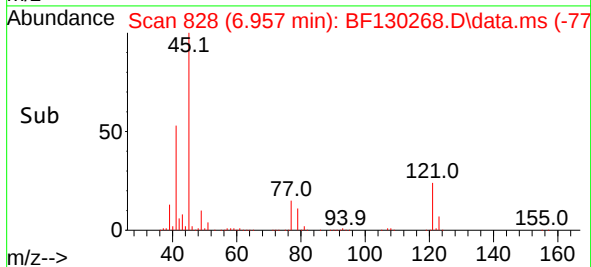
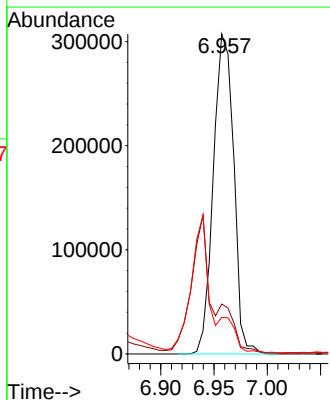
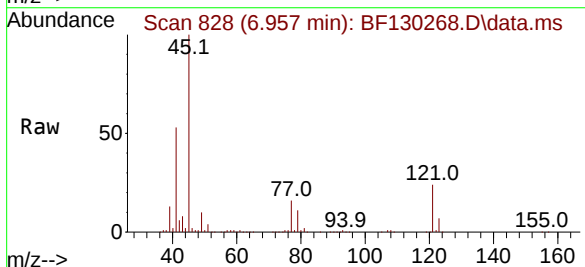
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

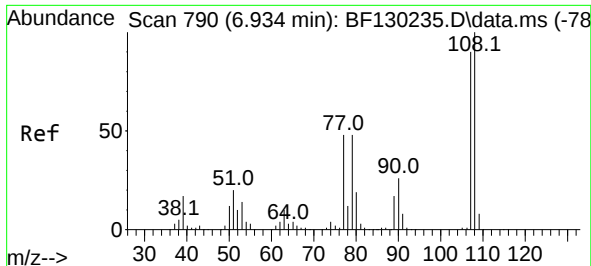
Tgt Ion: 79 Resp: 264105  
Ion Ratio Lower Upper  
79 100  
108 70.5 54.0 81.0  
77 62.8 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.487 ng  
RT: 6.957 min Scan# 828  
Delta R.T. -0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion: 45 Resp: 408114  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 34.9  
79 11.5 0.0 31.0

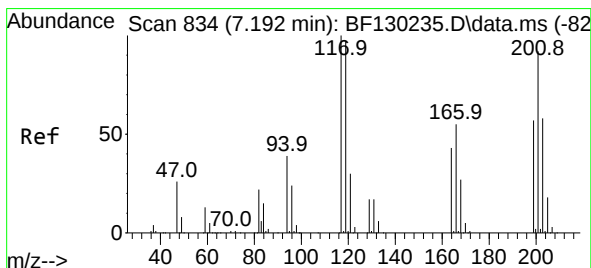
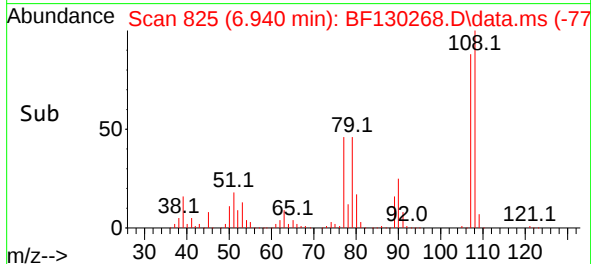
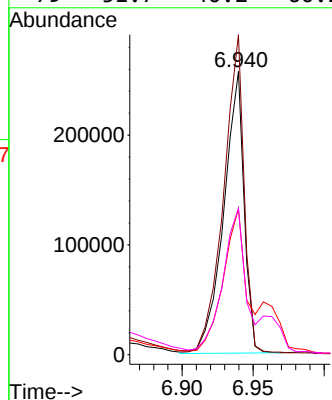
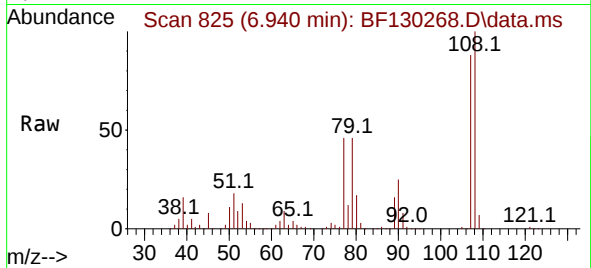




#17  
2-Methylphenol  
Concen: 44.386 ng  
RT: 6.940 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

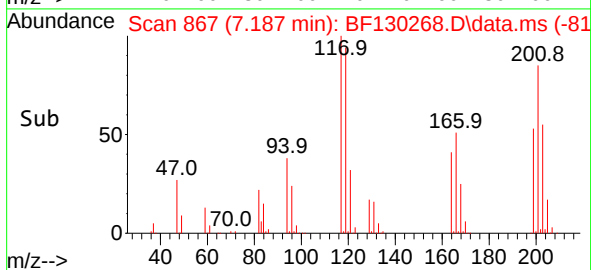
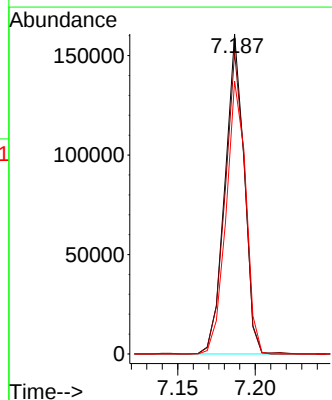
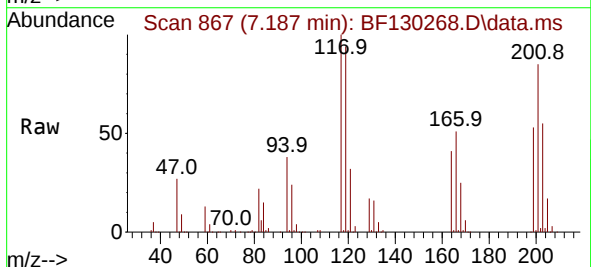
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

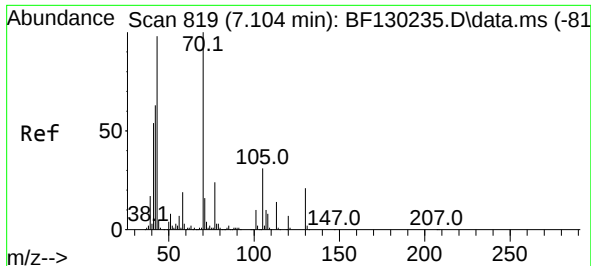
Tgt Ion:107 Resp: 255942  
Ion Ratio Lower Upper  
107 100  
108 113.0 89.4 134.0  
77 51.7 40.6 60.8  
79 51.7 40.2 60.2



#18  
Hexachloroethane  
Concen: 44.156 ng  
RT: 7.187 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:117 Resp: 138535  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.8 116.6  
201 85.3 68.7 103.1

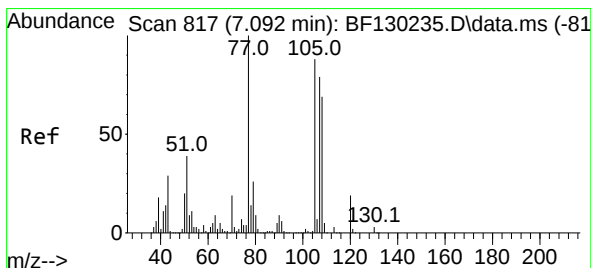
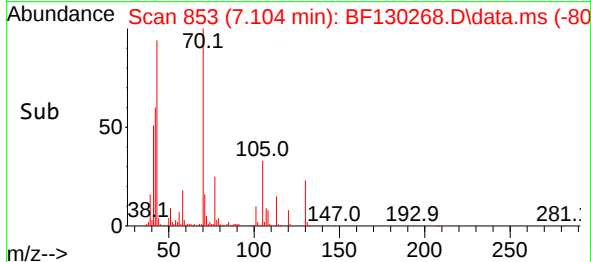
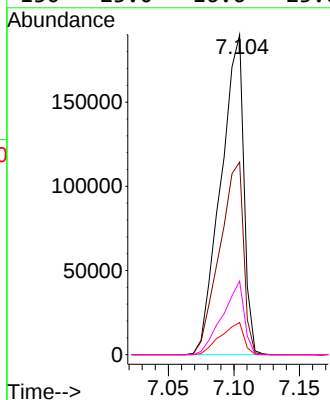
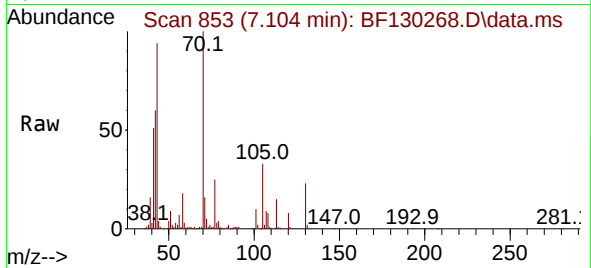




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.075 ng  
RT: 7.104 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

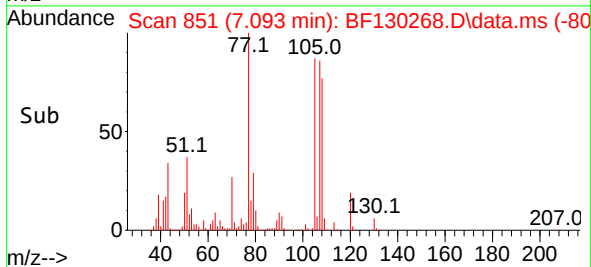
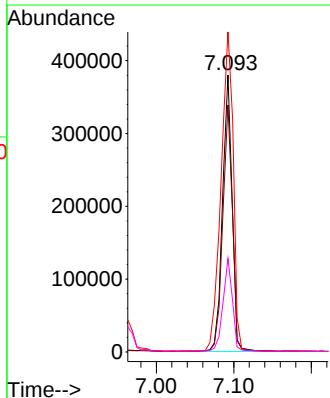
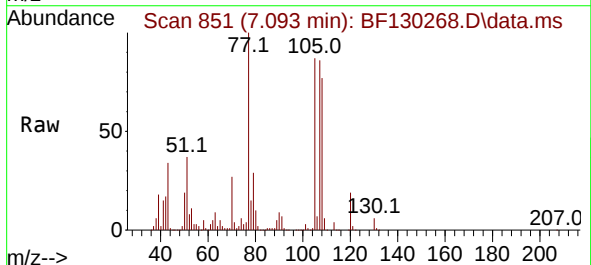
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

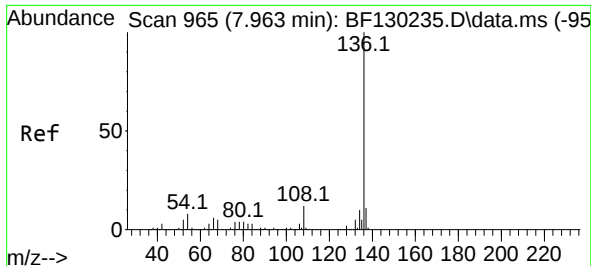
Tgt Ion: 70 Resp: 231723  
Ion Ratio Lower Upper  
70 100  
42 60.2 50.8 76.2  
101 10.0 8.2 12.4  
130 23.0 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 43.916 ng  
RT: 7.093 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion: 107 Resp: 328960  
Ion Ratio Lower Upper  
107 100  
108 89.2 74.8 114.8  
77 115.6 125.8 165.8#  
79 33.8 17.1 57.1

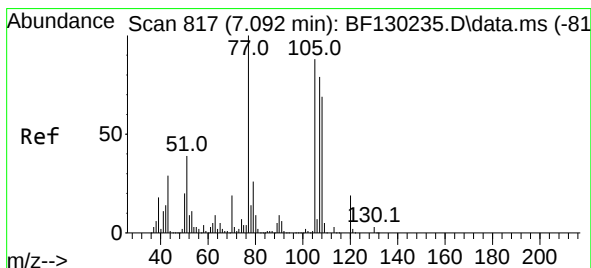
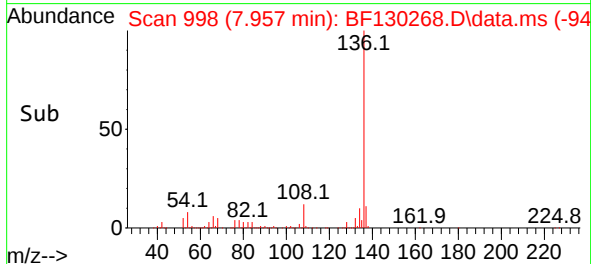
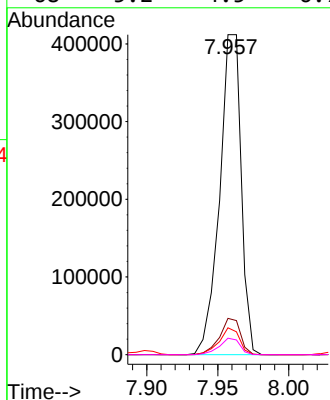
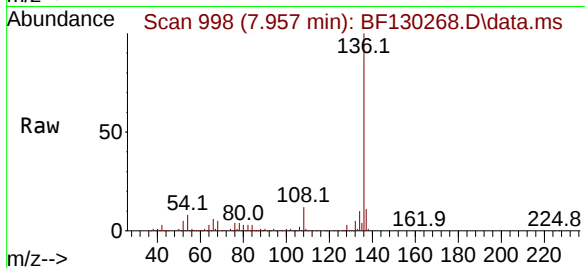




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.957 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

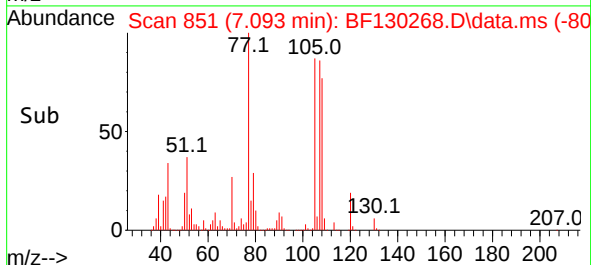
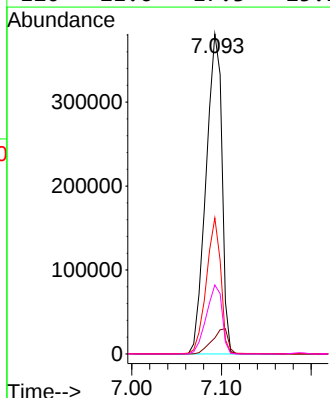
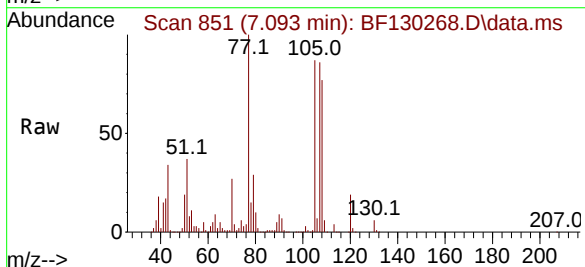
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

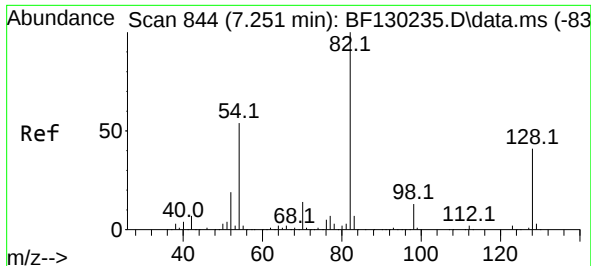
Tgt Ion:136 Resp: 434960  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 8.4 7.1 10.7  
68 5.2 4.5 6.7



#22  
Acetophenone  
Concen: 44.160 ng  
RT: 7.093 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:105 Resp: 469605  
Ion Ratio Lower Upper  
105 100  
71 5.0 3.9 5.9  
51 42.5 32.2 48.2  
120 21.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 81.042 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

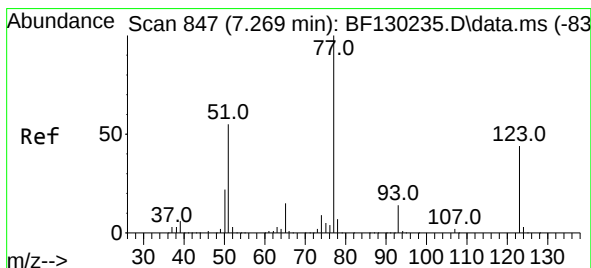
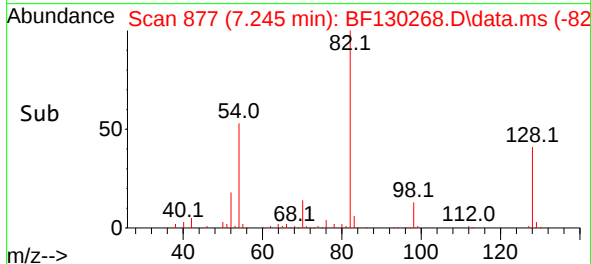
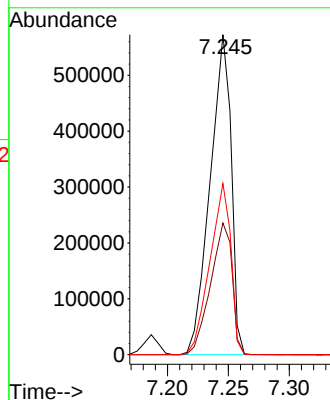
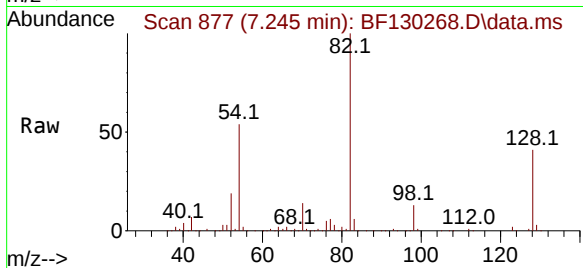
Tgt Ion: 82 Resp: 689979

Ion Ratio Lower Upper

82 100

128 41.1 32.6 49.0

54 53.5 43.8 65.6



#24

Nitrobenzene

Concen: 40.817 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

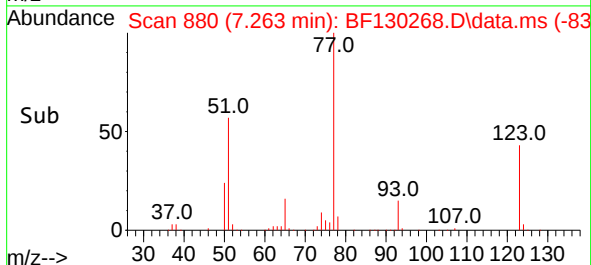
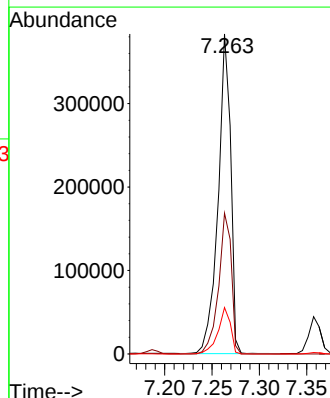
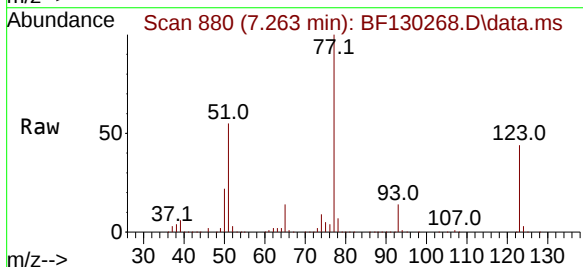
Tgt Ion: 77 Resp: 352863

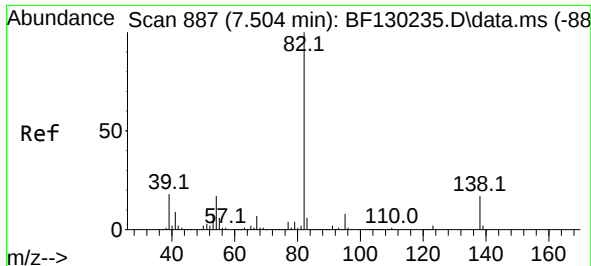
Ion Ratio Lower Upper

77 100

123 44.0 34.3 51.5

65 14.5 12.0 18.0

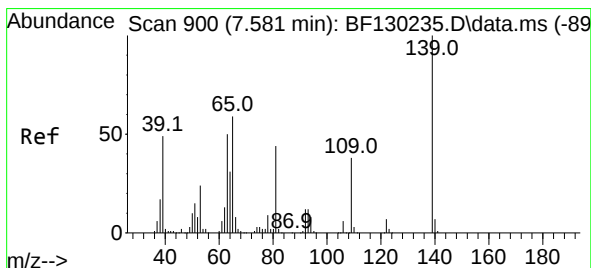
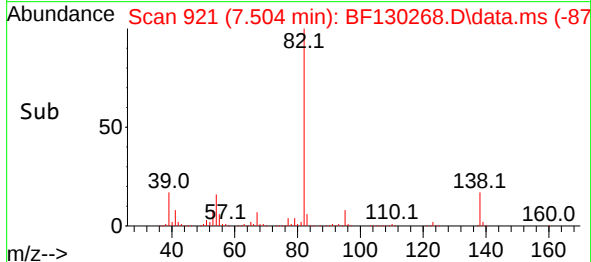
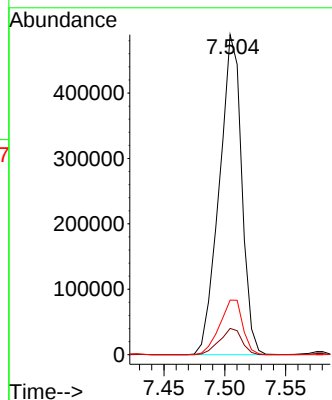
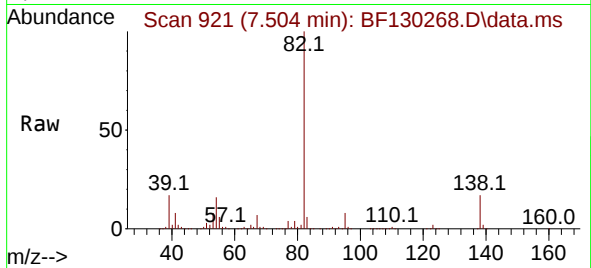




#25  
Isophorone  
Concen: 45.659 ng  
RT: 7.504 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

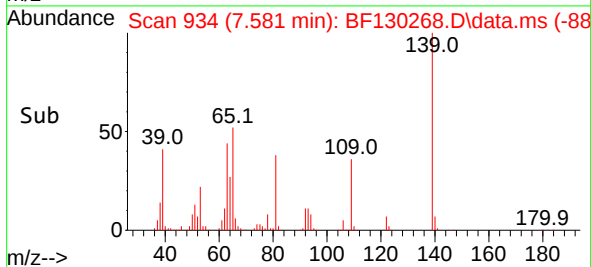
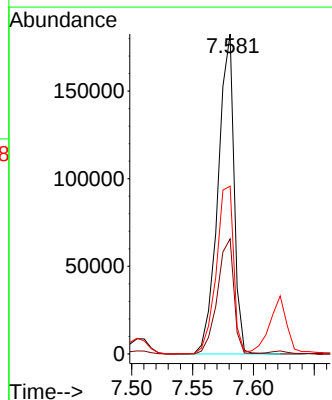
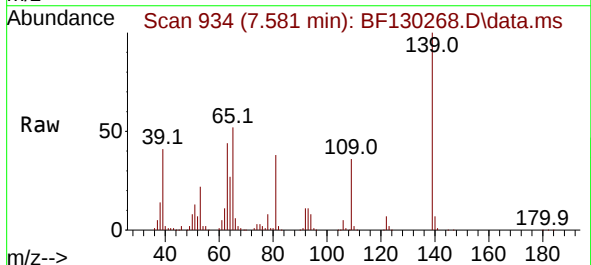
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

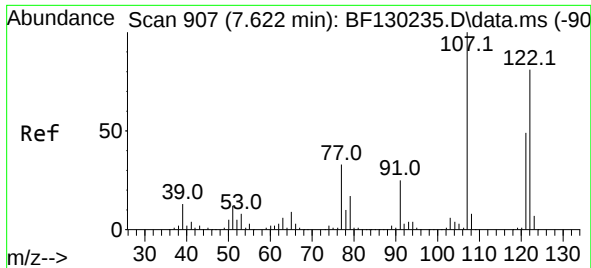
Tgt Ion: 82 Resp: 626548  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.4 9.6  
138 17.1 13.8 20.6



#26  
2-Nitrophenol  
Concen: 47.300 ng  
RT: 7.581 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion: 139 Resp: 167624  
Ion Ratio Lower Upper  
139 100  
109 35.9 30.2 45.4  
65 52.4 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 53.624 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

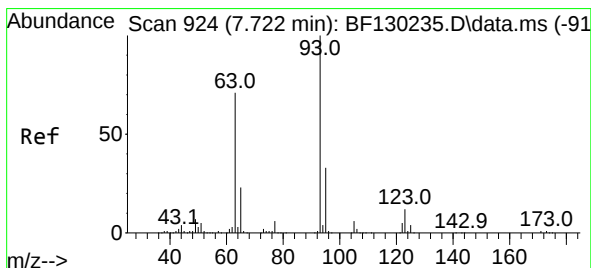
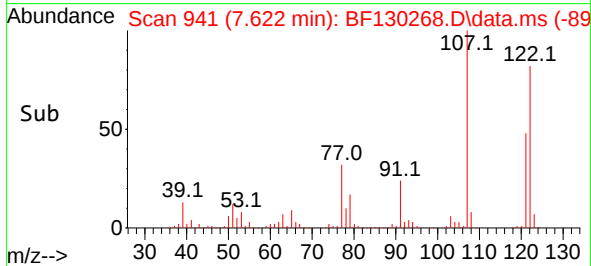
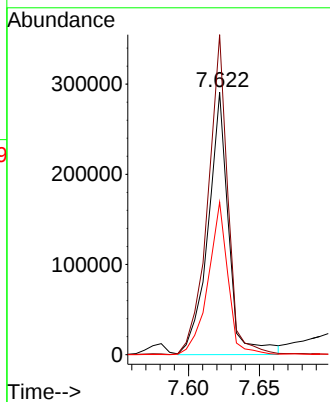
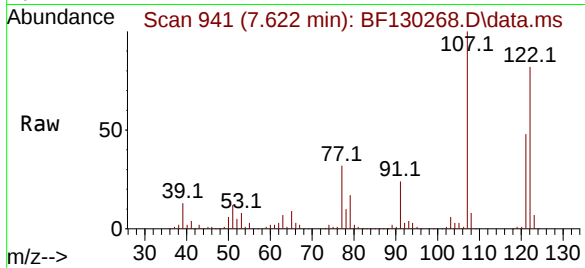
Tgt Ion:122 Resp: 292602

Ion Ratio Lower Upper

122 100

107 121.9 100.2 150.2

121 58.1 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.034 ng

RT: 7.722 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

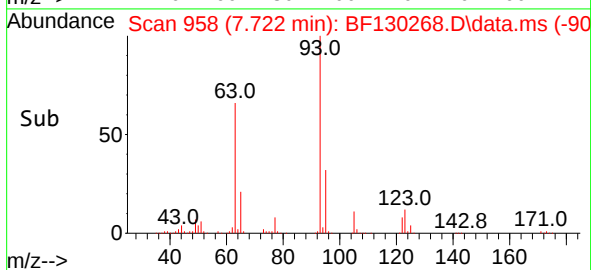
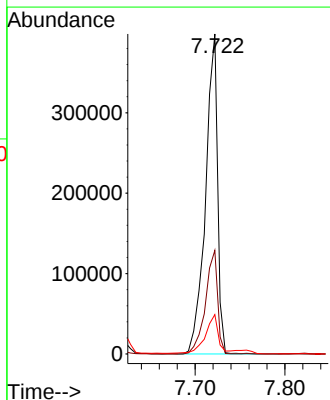
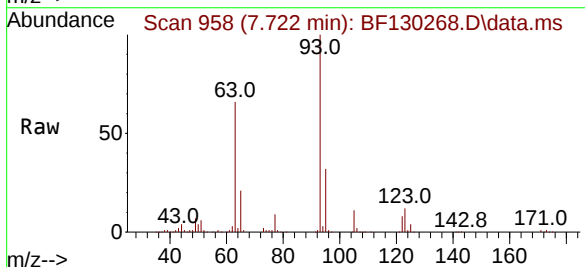
Tgt Ion: 93 Resp: 371150

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

123 12.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.613 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

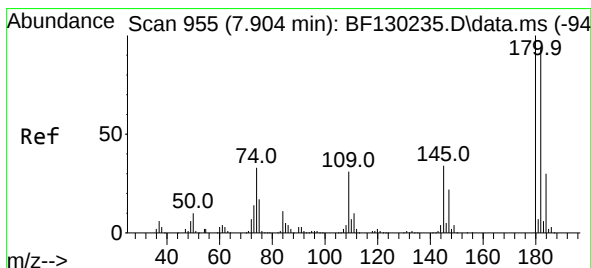
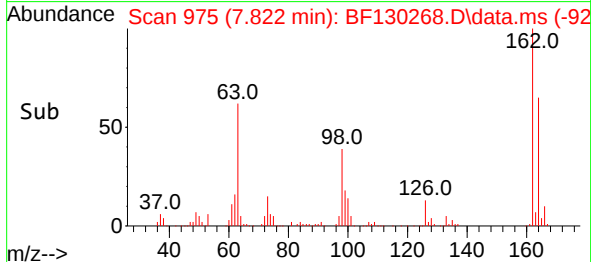
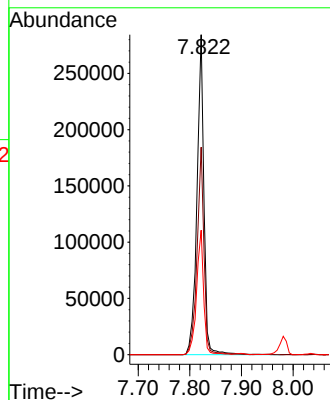
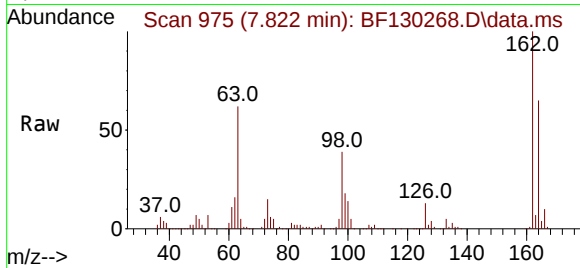
Tgt Ion:162 Resp: 266764

Ion Ratio Lower Upper

162 100

164 64.9 42.2 82.2

98 38.9 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 42.204 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

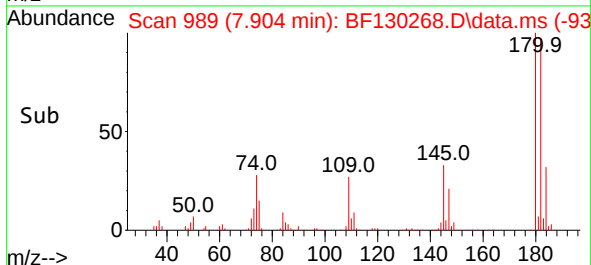
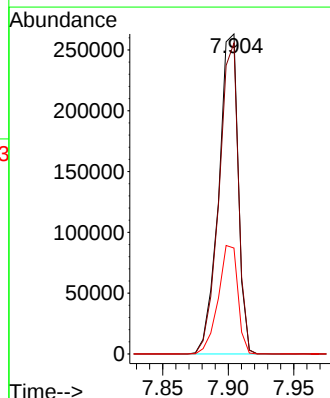
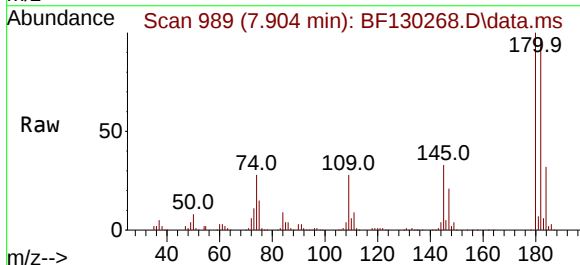
Tgt Ion:180 Resp: 272840

Ion Ratio Lower Upper

180 100

182 97.2 73.3 109.9

145 33.1 28.3 42.5

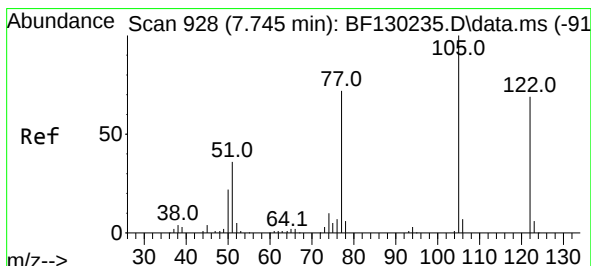
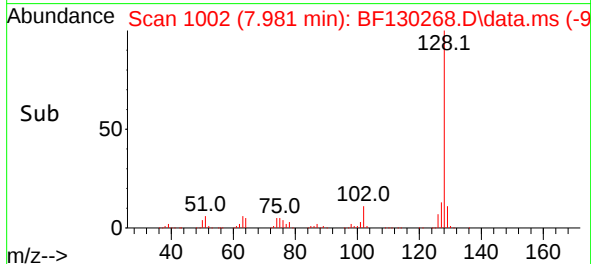
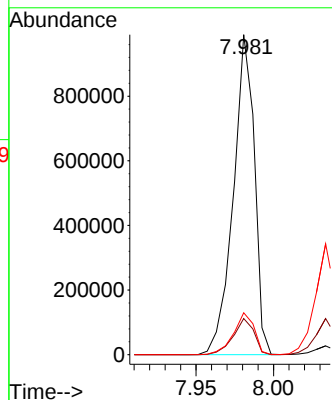
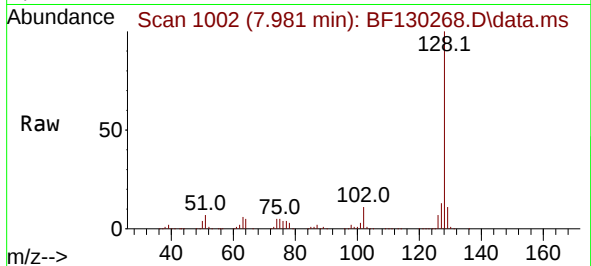




#31  
Naphthalene  
Concen: 41.824 ng  
RT: 7.981 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

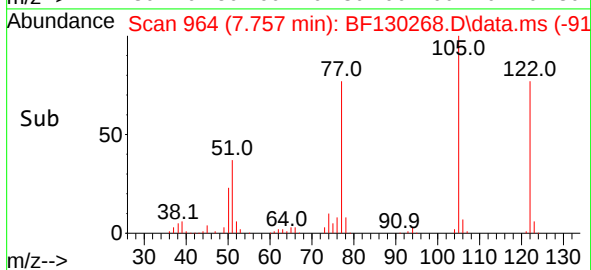
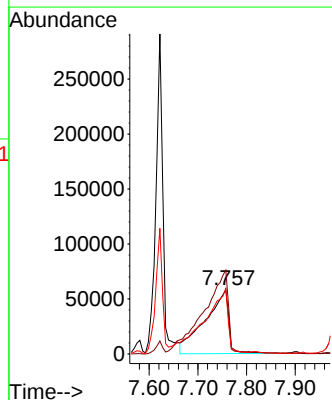
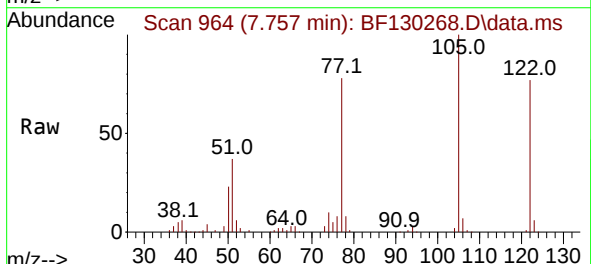
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

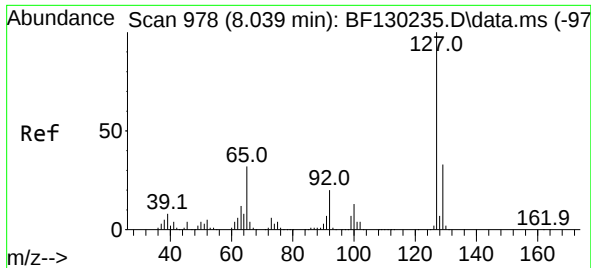
Tgt Ion:128 Resp: 937227  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.1 13.7  
127 13.1 10.6 16.0



#32  
Benzoic acid  
Concen: 46.256 ng  
RT: 7.757 min Scan# 964  
Delta R.T. 0.012 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:122 Resp: 195187  
Ion Ratio Lower Upper  
122 100  
105 130.5 112.9 152.9  
77 101.9 82.8 122.8

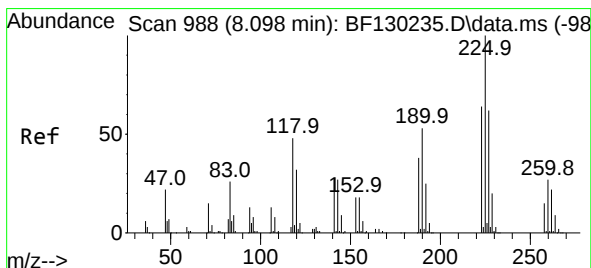
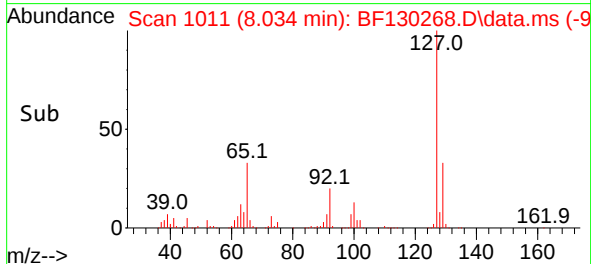
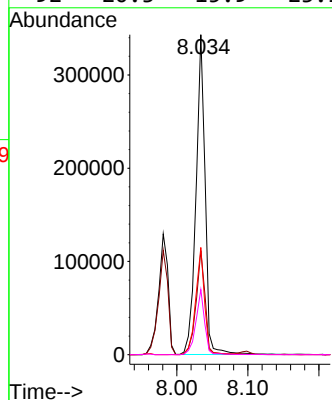
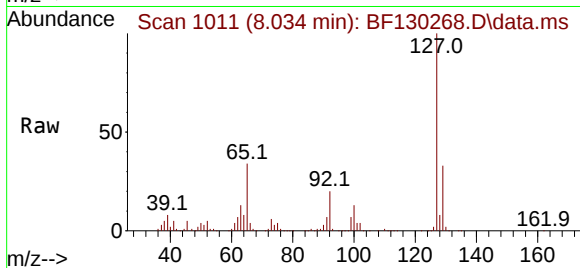




#33  
4-Chloroaniline  
Concen: 36.208 ng  
RT: 8.034 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

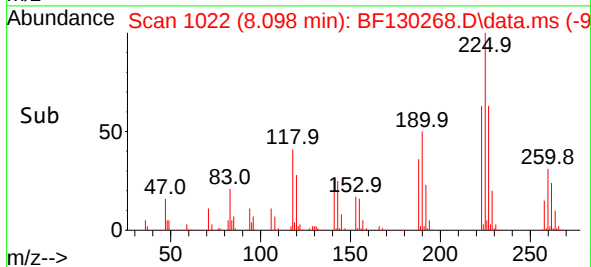
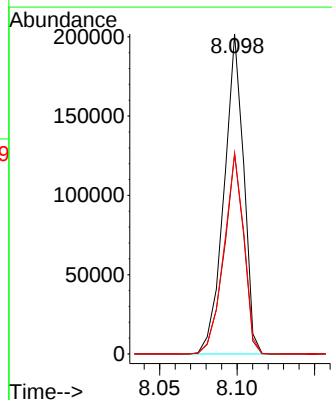
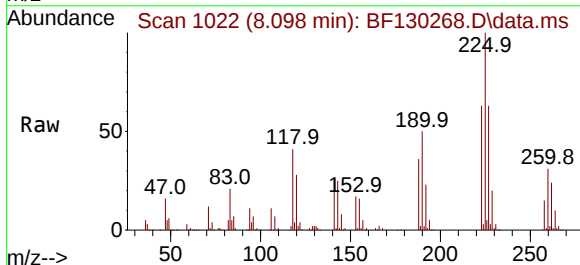
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

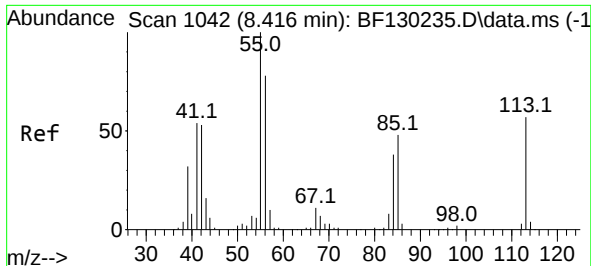
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 308588 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.6  | 25.6  | 38.4   |
| 65        | 33.5  | 27.0  | 40.6   |
| 92        | 20.3  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 42.913 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 177300 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.6  | 50.3  | 75.5   |
| 227       | 62.7  | 51.1  | 76.7   |

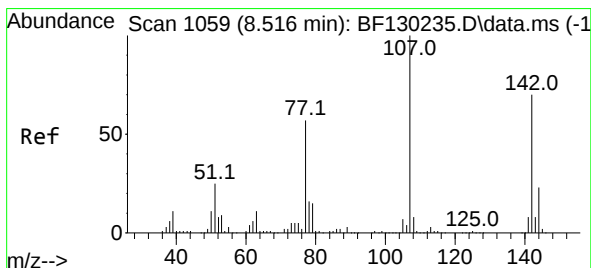
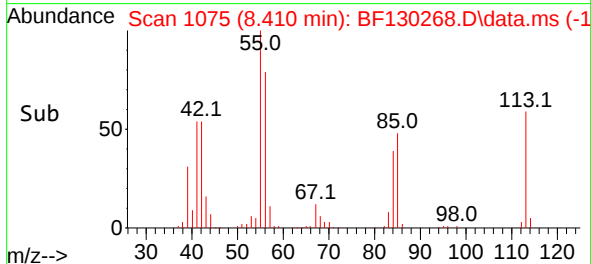
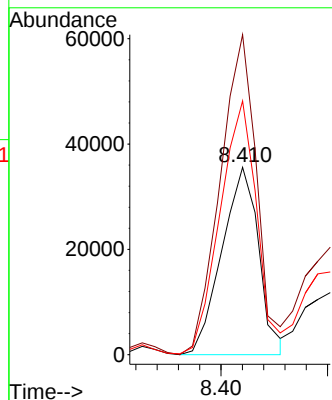
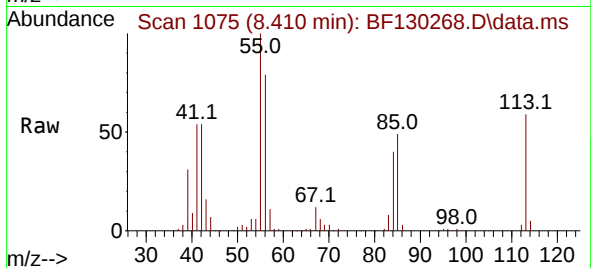




#35  
 Caprolactam  
 Concen: 24.968 ng  
 RT: 8.410 min Scan# 1094  
 Delta R.T. -0.006 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

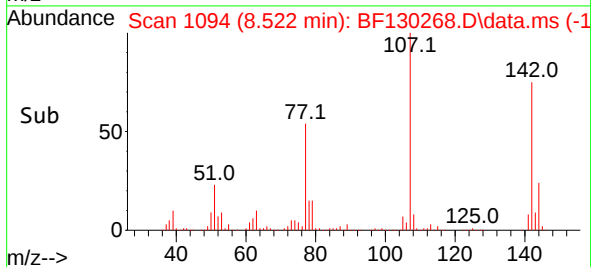
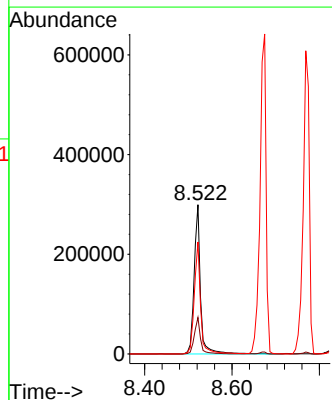
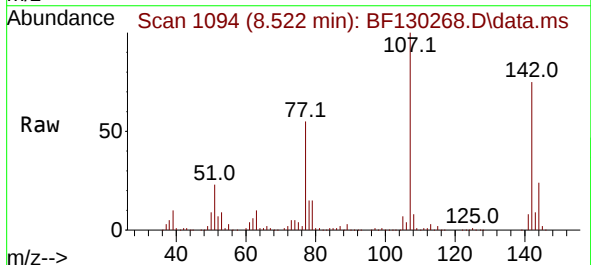
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147633BS

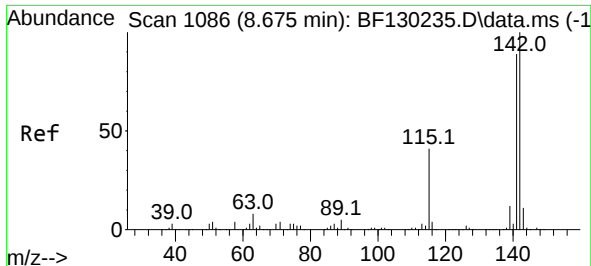
Tgt Ion:113 Resp: 42801  
 Ion Ratio Lower Upper  
 113 100  
 55 170.8 155.4 195.4  
 56 135.4 120.4 160.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.860 ng  
 RT: 8.522 min Scan# 1094  
 Delta R.T. 0.006 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

Tgt Ion:107 Resp: 303953  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 20.0 30.0  
 142 75.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 43.284 ng

RT: 8.675 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

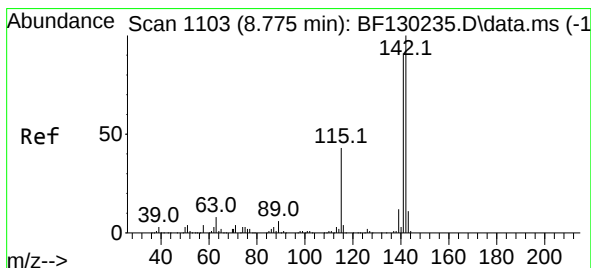
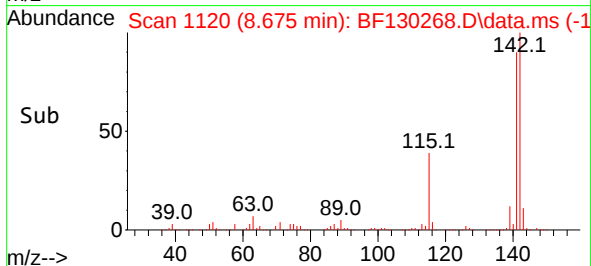
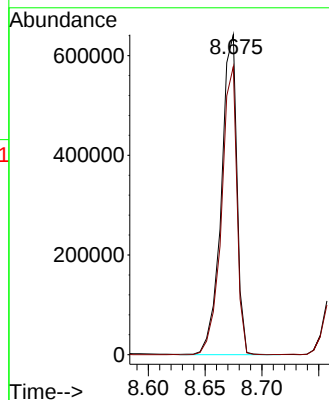
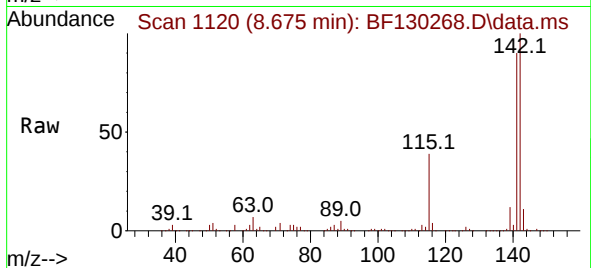
PB147633BS

Tgt Ion:142 Resp: 618421

Ion Ratio Lower Upper

142 100

141 90.0 70.0 105.0



#38

1-Methylnaphthalene

Concen: 42.475 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF130268.D

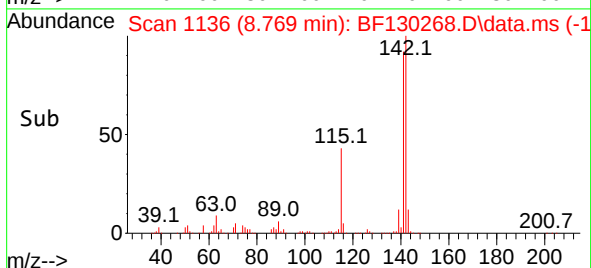
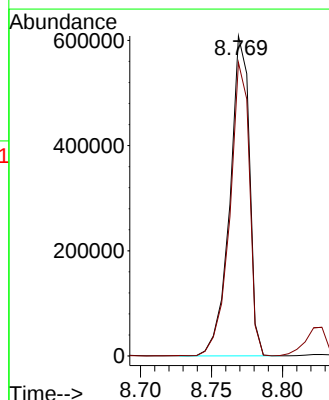
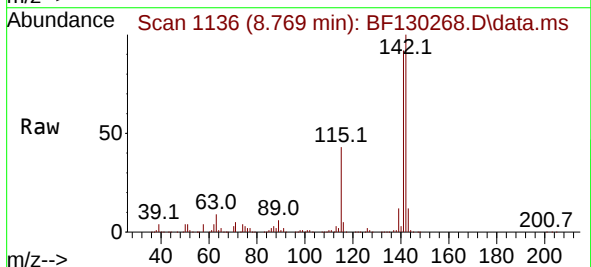
Acq: 15 Sep 2022 13:22

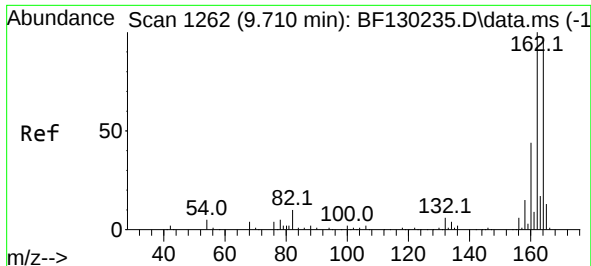
Tgt Ion:142 Resp: 582981

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.710 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

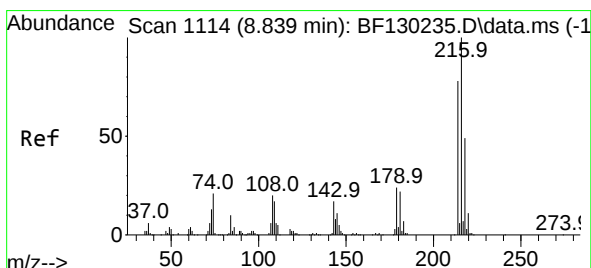
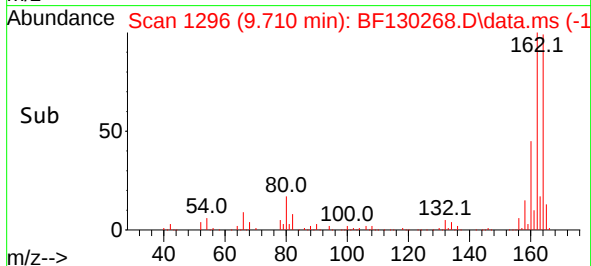
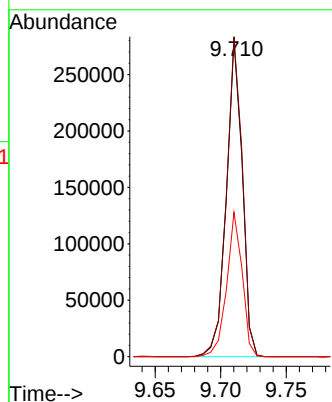
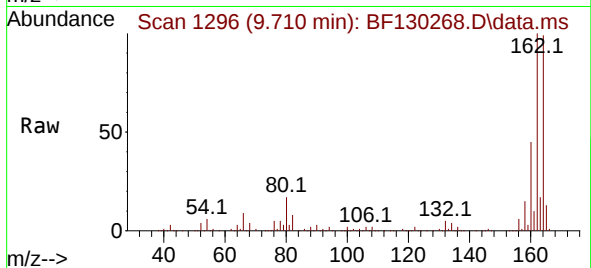
Tgt Ion:164 Resp: 235177

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.0

160 45.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.916 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion:216 Resp: 281860

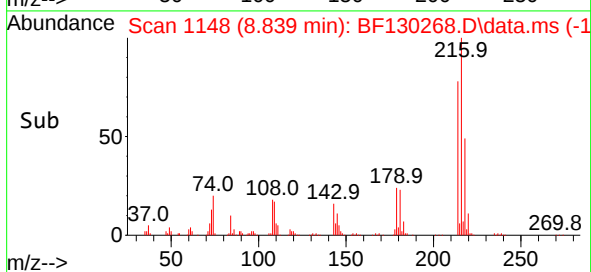
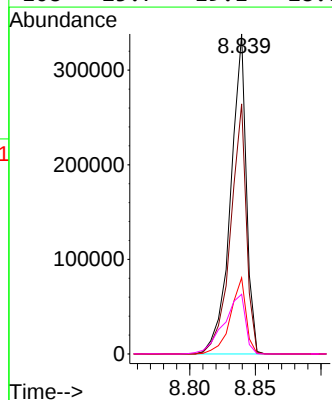
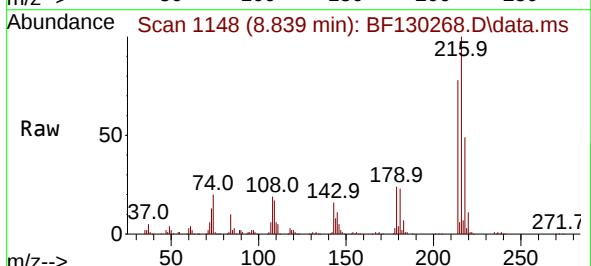
Ion Ratio Lower Upper

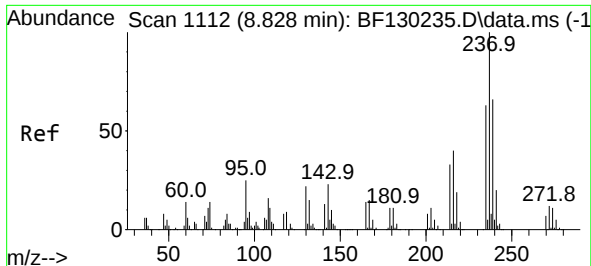
216 100

214 78.2 62.8 94.2

179 23.5 19.5 29.3

108 25.7 19.1 28.7

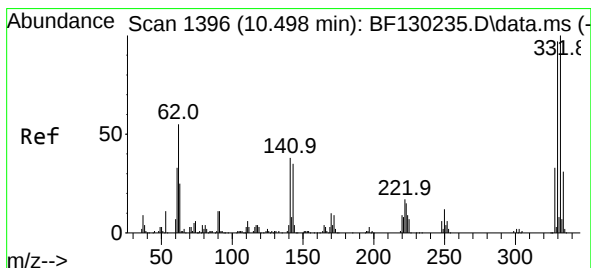
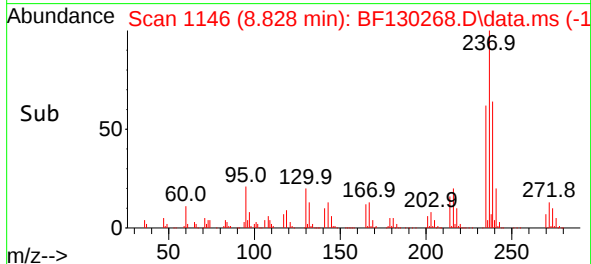
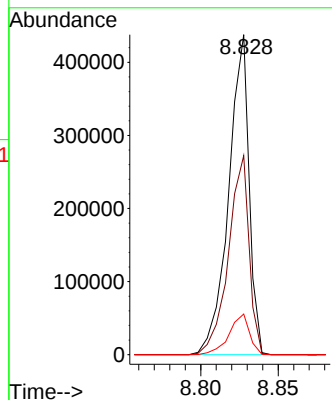
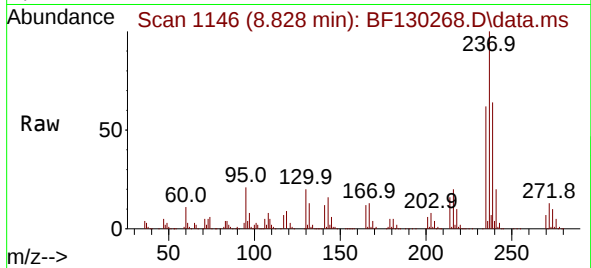




#41  
Hexachlorocyclopentadiene  
Concen: 116.769 ng  
RT: 8.828 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

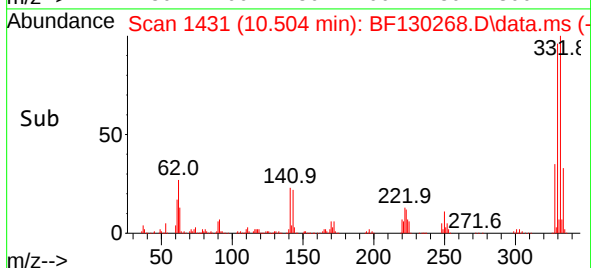
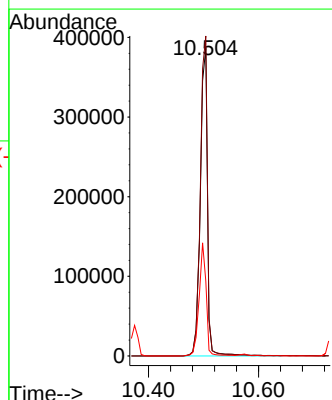
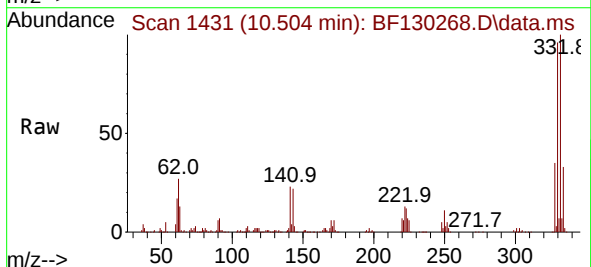
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BNA\_F  
ClientSampleId :  
PB147633BS

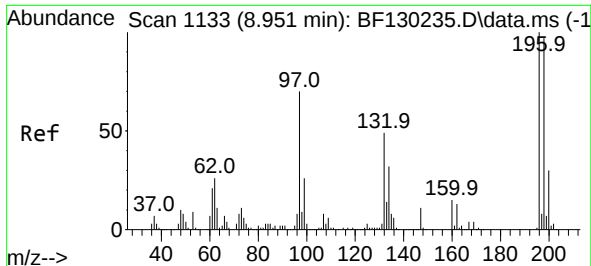
Tgt Ion:237 Resp: 401239  
Ion Ratio Lower Upper  
237 100  
235 62.2 42.5 82.5  
272 12.7 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 155.770 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:330 Resp: 351018  
Ion Ratio Lower Upper  
330 100  
332 103.4 83.4 125.2  
141 36.1 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 42.852 ng

RT: 8.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

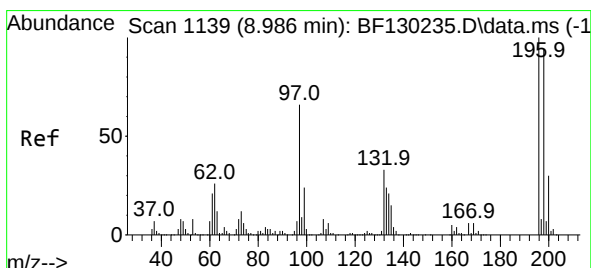
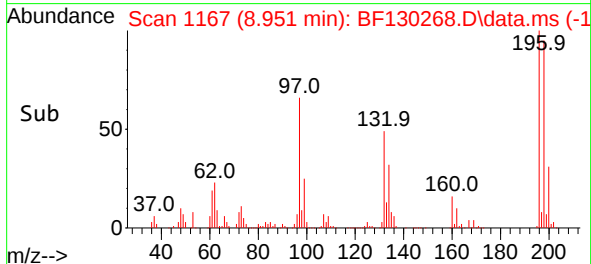
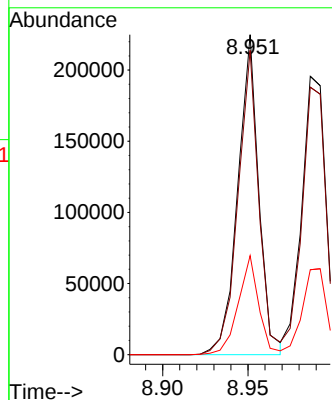
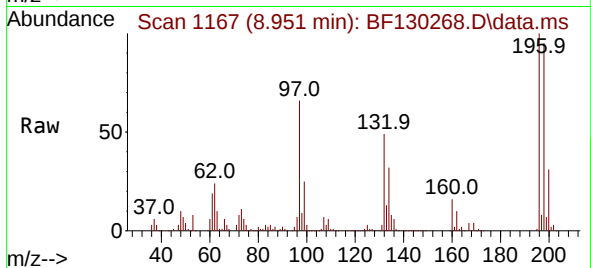
Tgt Ion:196 Resp: 191944

Ion Ratio Lower Upper

196 100

198 95.1 72.4 108.6

200 31.0 23.8 35.6



#44

2,4,5-Trichlorophenol

Concen: 42.343 ng

RT: 8.987 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion:196 Resp: 204669

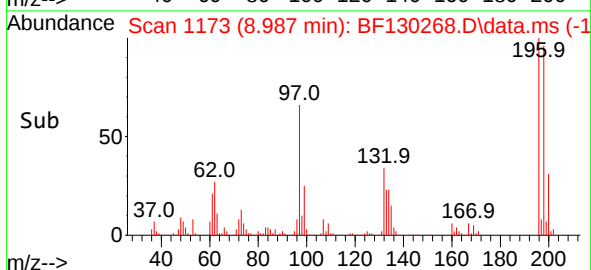
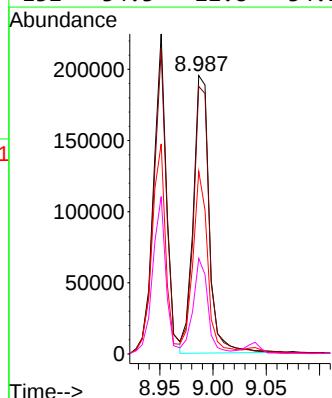
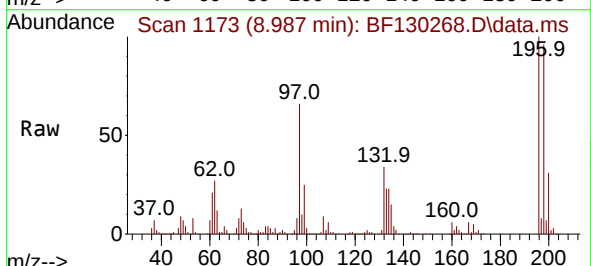
Ion Ratio Lower Upper

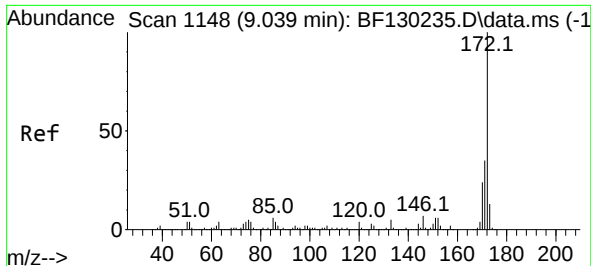
196 100

198 96.1 74.8 112.2

97 65.6 43.7 65.5#

132 34.3 22.8 34.2#

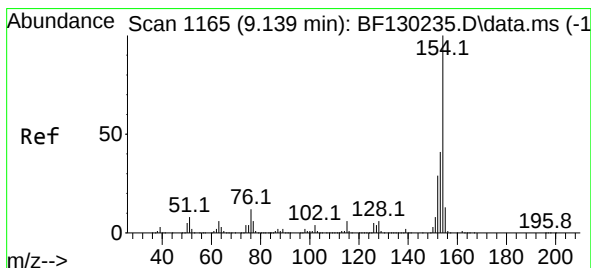
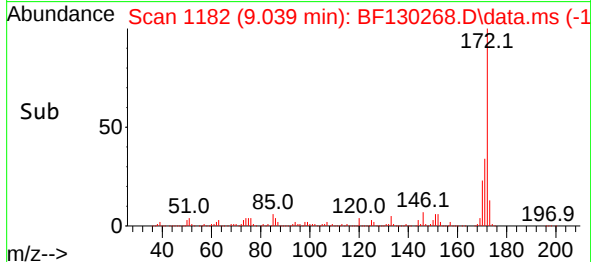
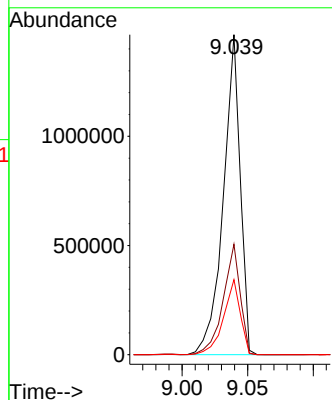
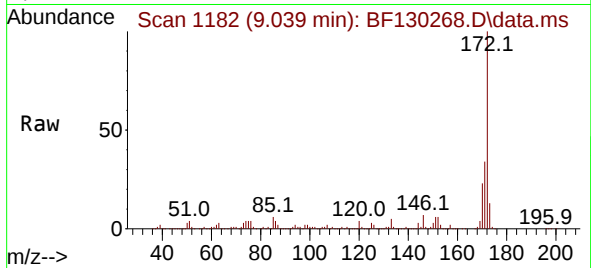




#45  
2-Fluorobiphenyl  
Concen: 81.129 ng  
RT: 9.039 min Scan# 1148  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

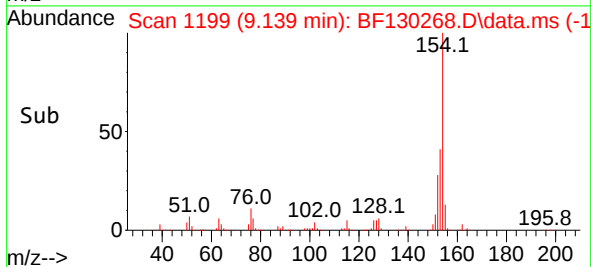
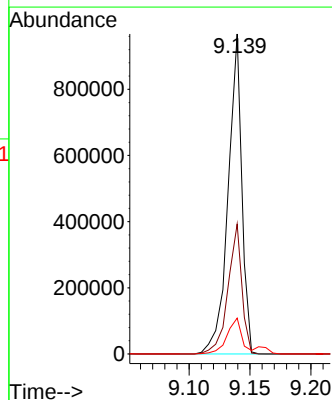
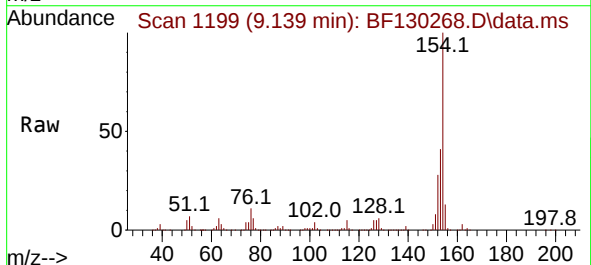
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

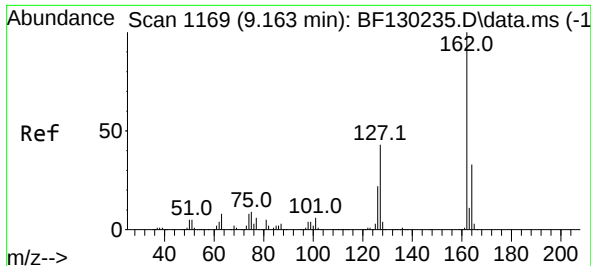
Tgt Ion:172 Resp: 1310243  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.3 42.5  
170 23.5 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 43.193 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:154 Resp: 758638  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.0 60.0  
76 11.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.649 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

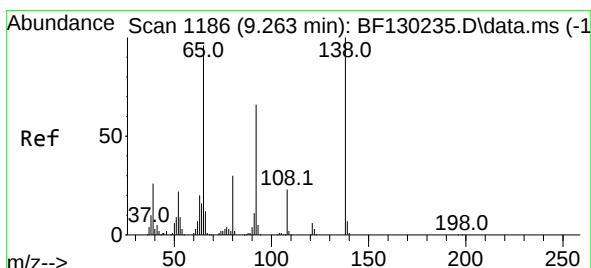
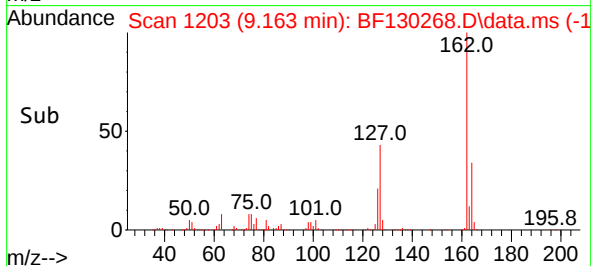
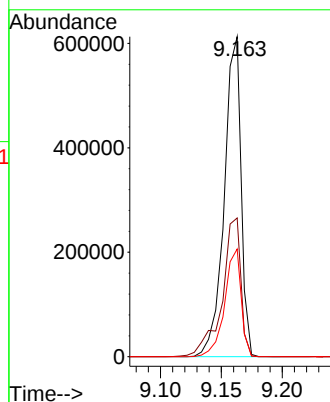
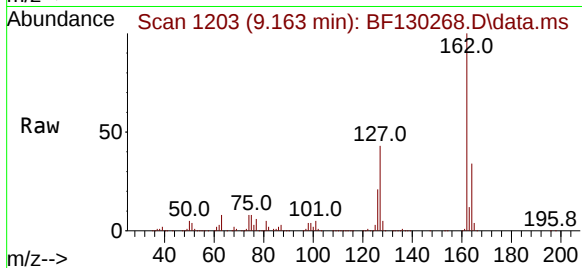
Tgt Ion:162 Resp: 591758

Ion Ratio Lower Upper

162 100

127 43.4 35.9 53.9

164 33.6 26.2 39.2



#48

2-Nitroaniline

Concen: 42.149 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

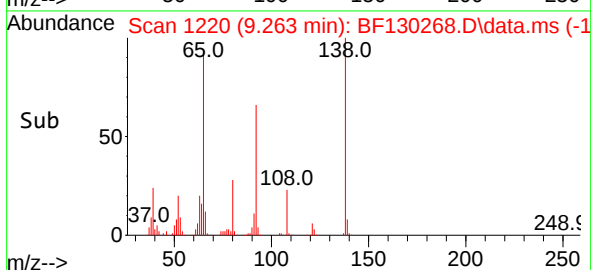
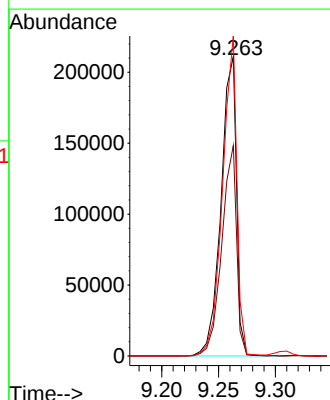
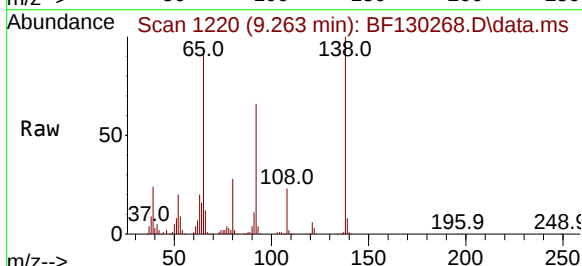
Tgt Ion: 65 Resp: 199741

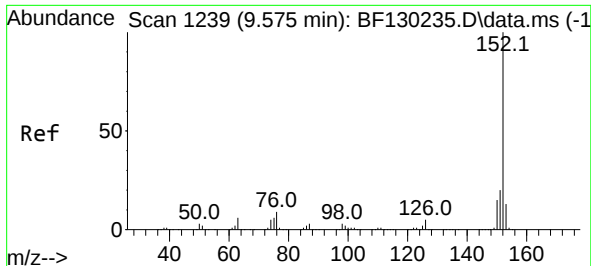
Ion Ratio Lower Upper

65 100

92 70.3 52.2 78.4

138 106.9 77.0 115.4





#49

Acenaphthylene

Concen: 42.019 ng

RT: 9.575 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

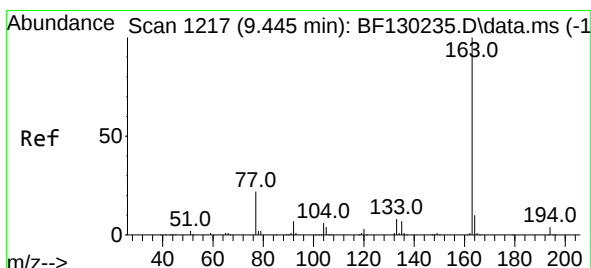
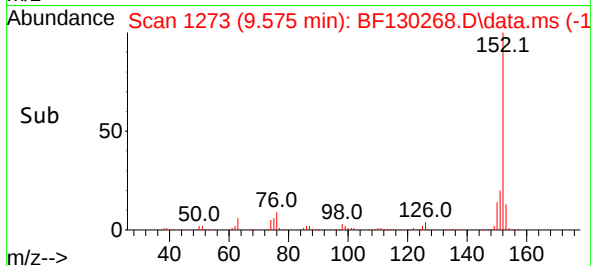
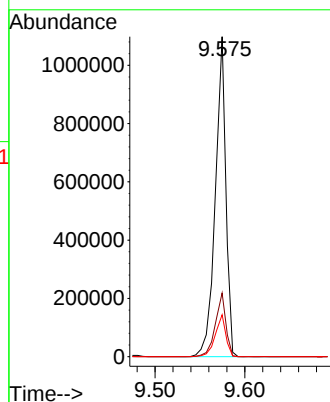
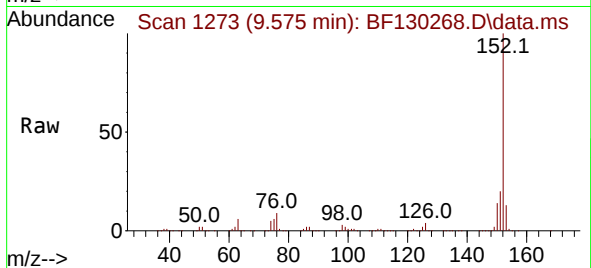
Tgt Ion:152 Resp: 895137

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 43.611 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

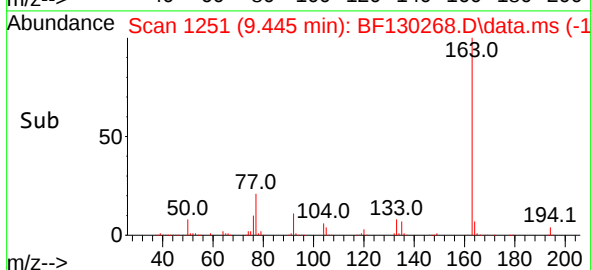
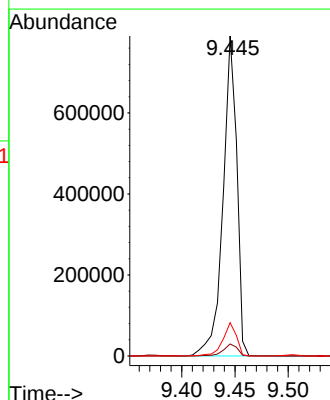
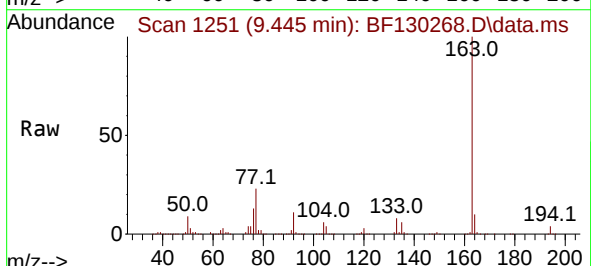
Tgt Ion:163 Resp: 708461

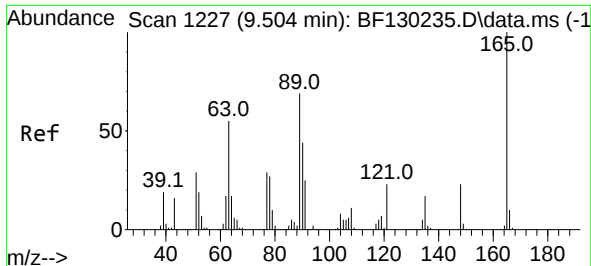
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.081 ng

RT: 9.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

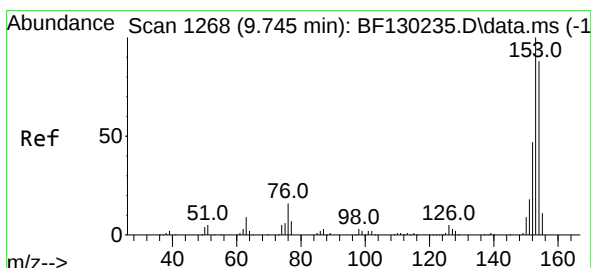
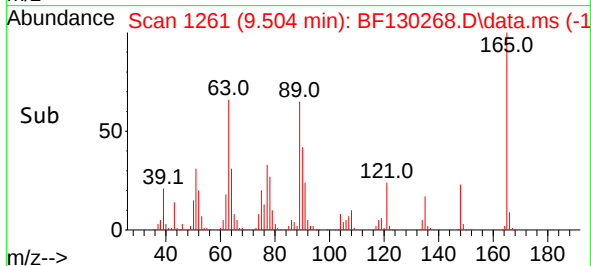
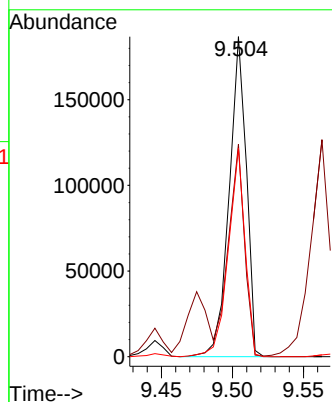
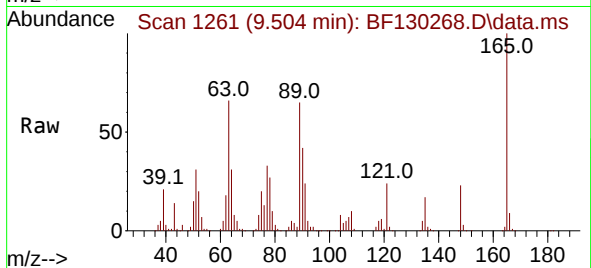
Tgt Ion:165 Resp: 156558

Ion Ratio Lower Upper

165 100

63 66.4 58.8 88.2

89 65.1 54.5 81.7



#52

Acenaphthene

Concen: 38.534 ng

RT: 9.745 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

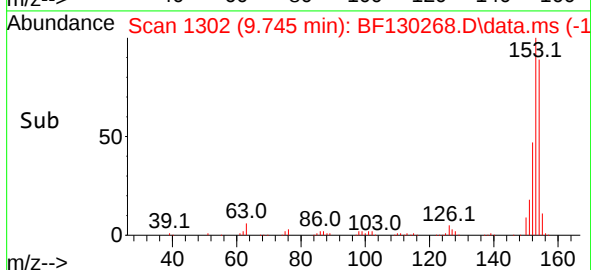
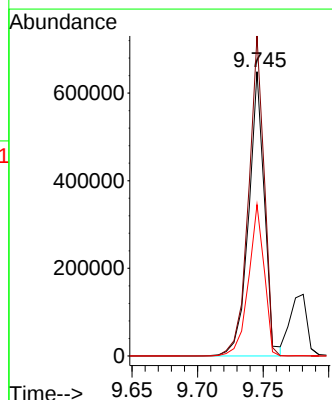
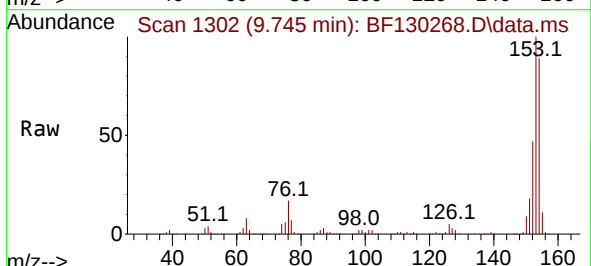
Tgt Ion:154 Resp: 539349

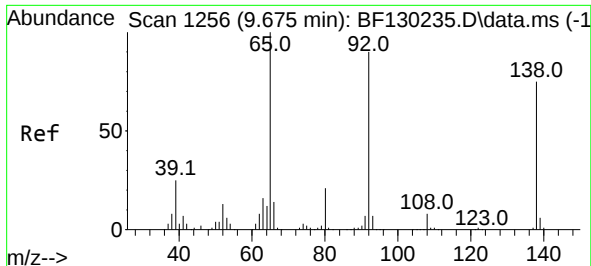
Ion Ratio Lower Upper

154 100

153 112.5 90.6 136.0

152 53.2 43.8 65.6

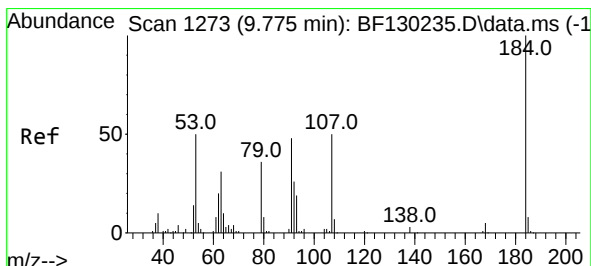
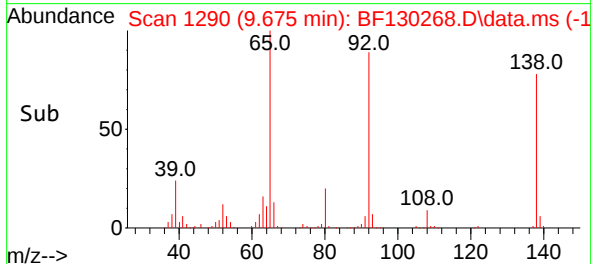
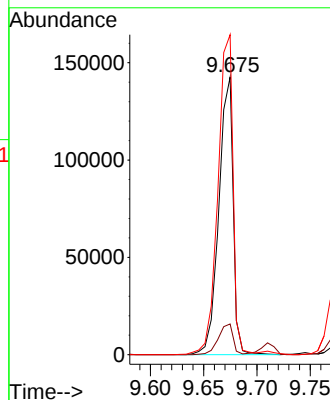
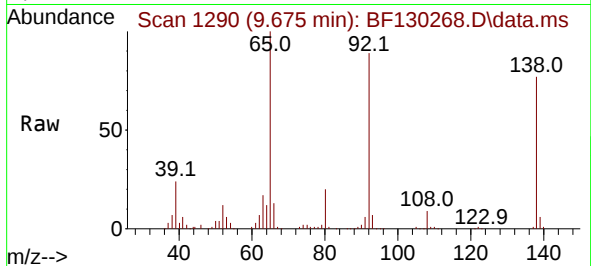




#53  
3-Nitroaniline  
Concen: 35.124 ng  
RT: 9.675 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

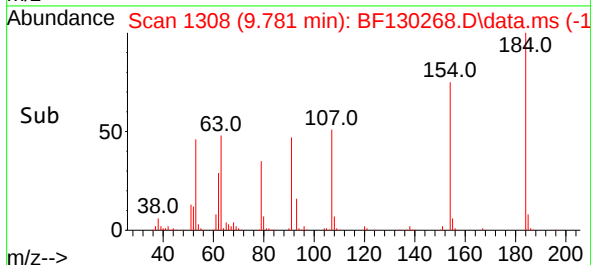
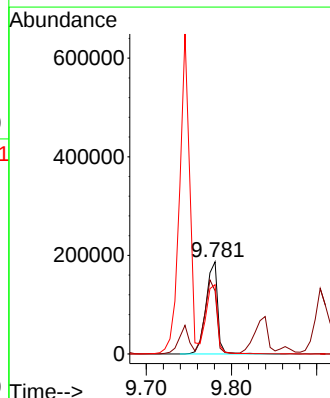
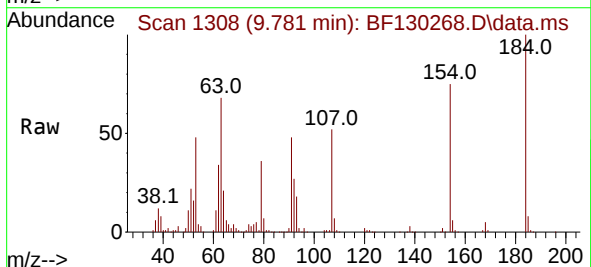
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BNA\_F  
ClientSampleId :  
PB147633BS

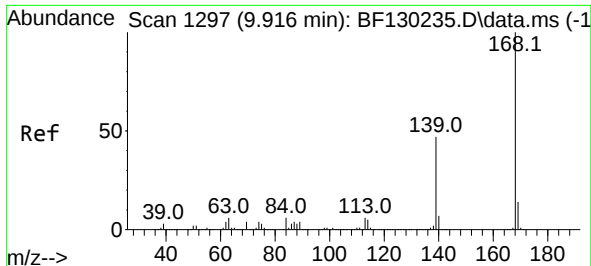
Tgt Ion:138 Resp: 132969  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.2 13.8  
92 115.3 99.2 148.8



#54  
2,4-Dinitrophenol  
Concen: 95.102 ng  
RT: 9.781 min Scan# 1308  
Delta R.T. 0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:184 Resp: 177634  
Ion Ratio Lower Upper  
184 100  
63 68.4 70.0 105.0#  
154 75.1 63.0 94.6

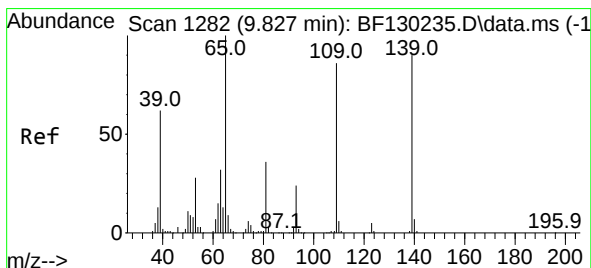
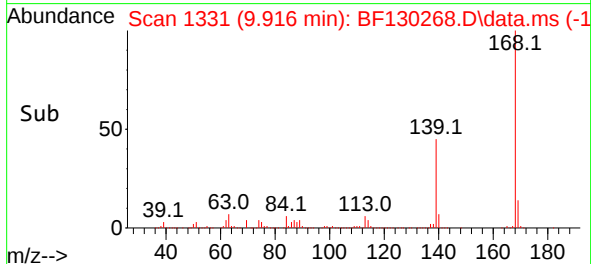
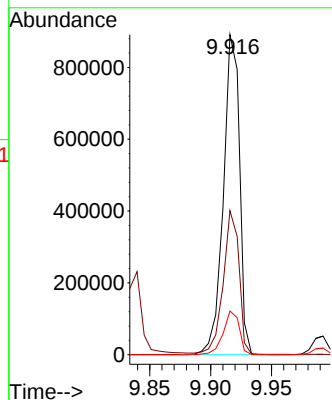
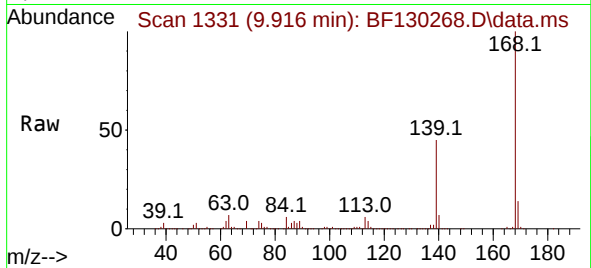




#55  
Dibenzenofuran  
Concen: 42.370 ng  
RT: 9.916 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

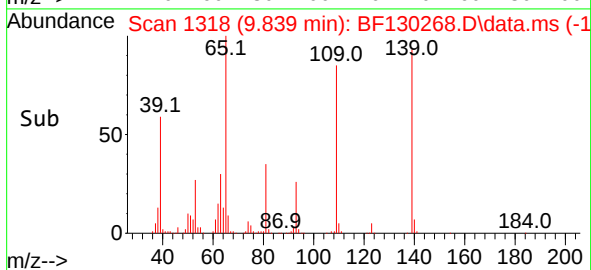
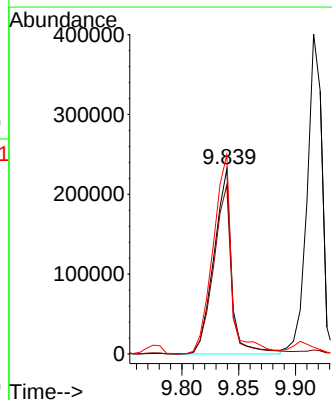
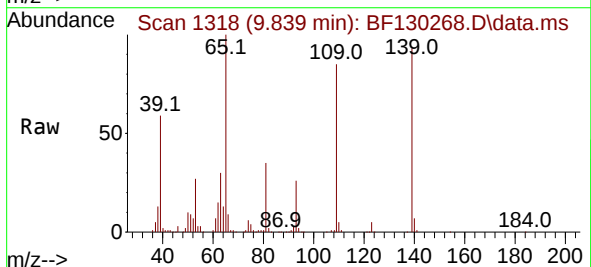
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

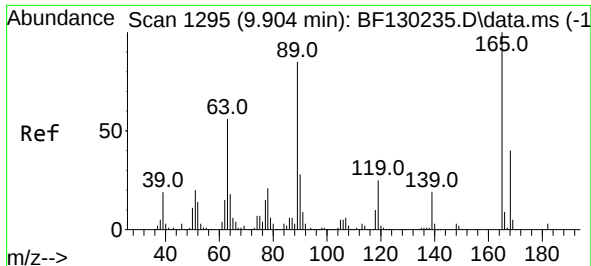
Tgt Ion:168 Resp: 824877  
Ion Ratio Lower Upper  
168 100  
139 45.0 35.0 52.4  
169 13.7 10.9 16.3



#56  
4-Nitrophenol  
Concen: 91.606 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. 0.012 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:139 Resp: 252588  
Ion Ratio Lower Upper  
139 100  
109 91.4 72.2 112.2  
65 107.8 97.7 137.7

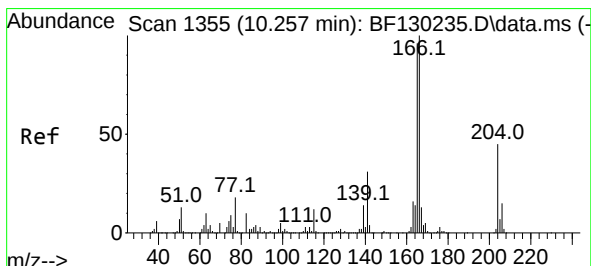
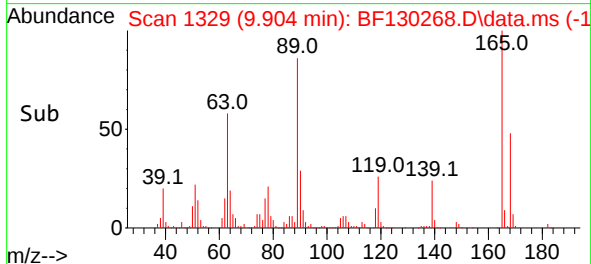
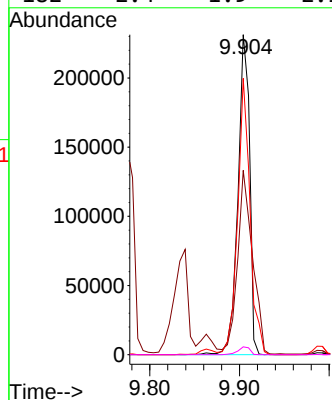
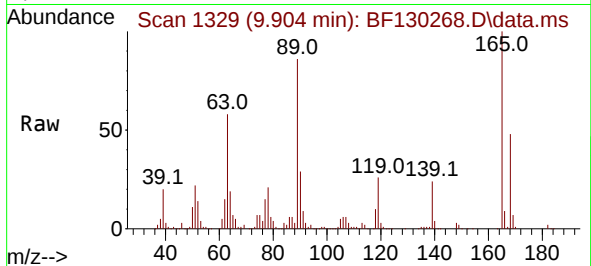




#57  
2,4-Dinitrotoluene  
Concen: 48.134 ng  
RT: 9.904 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

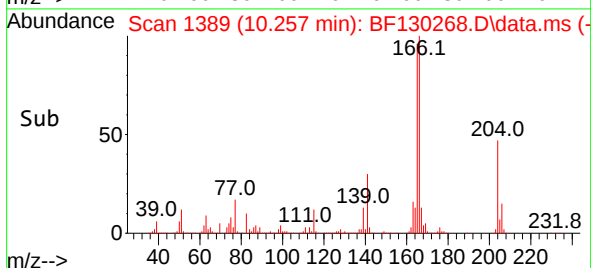
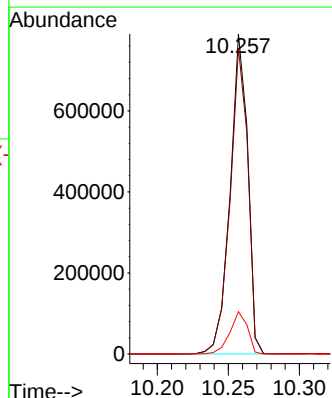
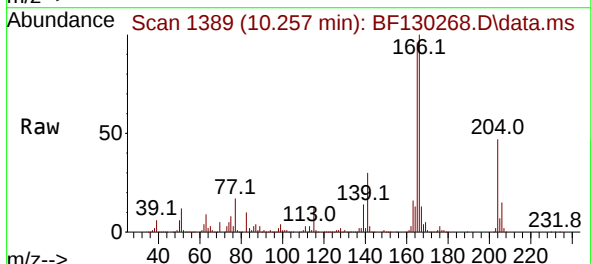
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

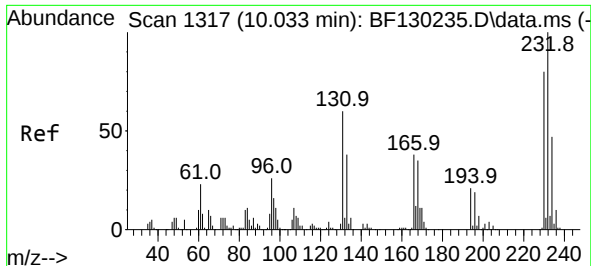
Tgt Ion:165 Resp: 208998  
Ion Ratio Lower Upper  
165 100  
63 57.6 44.7 67.1  
89 86.4 69.0 103.4  
182 2.4 1.9 2.9



#58  
Fluorene  
Concen: 42.841 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:166 Resp: 682099  
Ion Ratio Lower Upper  
166 100  
165 95.6 78.8 118.2  
167 13.2 10.6 15.8

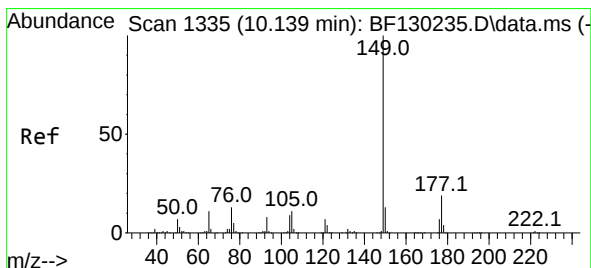
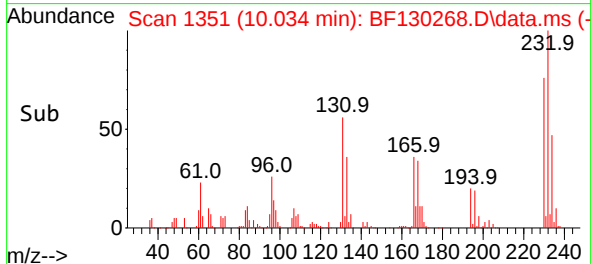
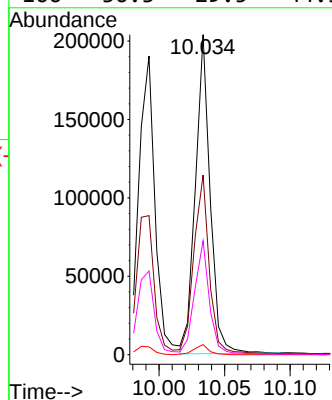
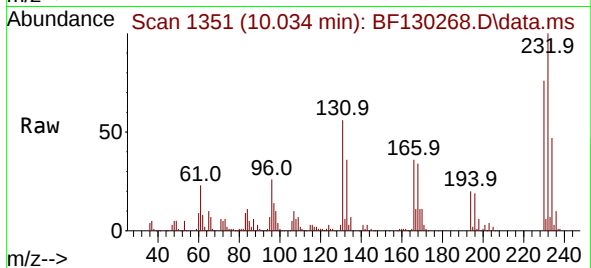




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.144 ng  
RT: 10.034 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

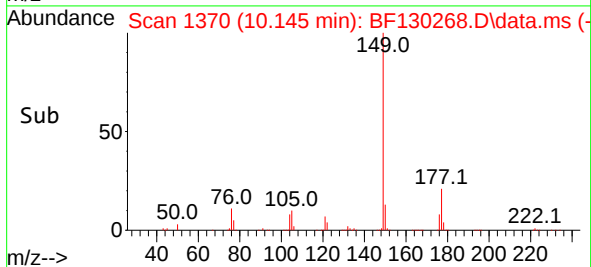
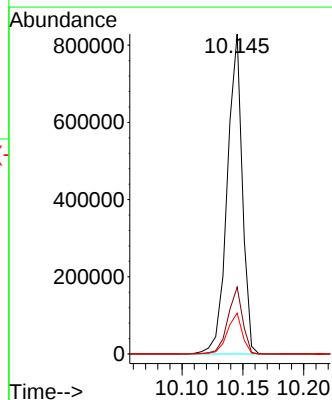
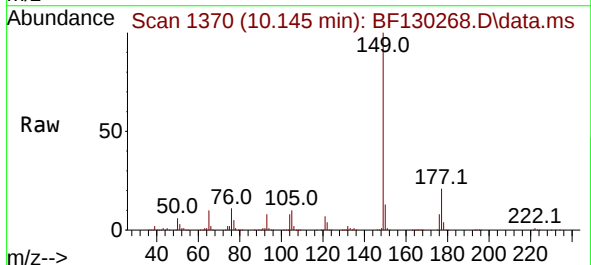
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

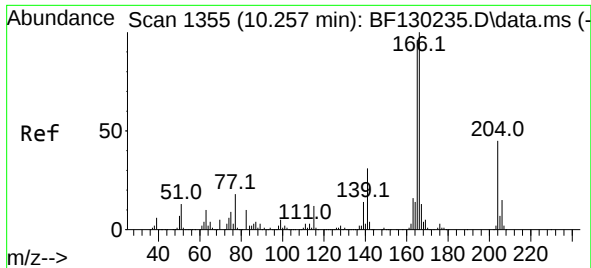
Tgt Ion:232 Resp: 159444  
Ion Ratio Lower Upper  
232 100  
131 59.9 46.4 69.6  
130 3.2 2.3 3.5  
166 36.3 29.5 44.3



#60  
Diethylphthalate  
Concen: 43.633 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. 0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:149 Resp: 710812  
Ion Ratio Lower Upper  
149 100  
177 20.9 16.1 24.1  
150 12.8 9.9 14.9

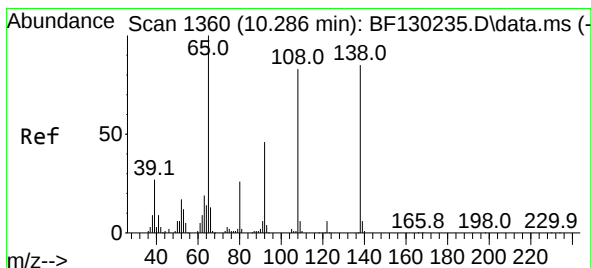
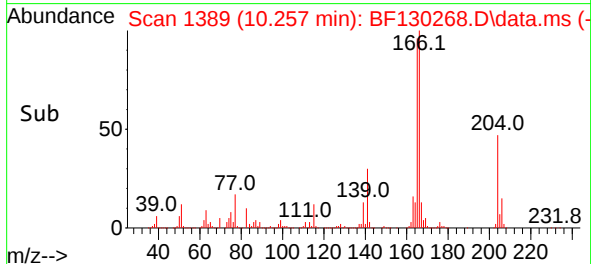
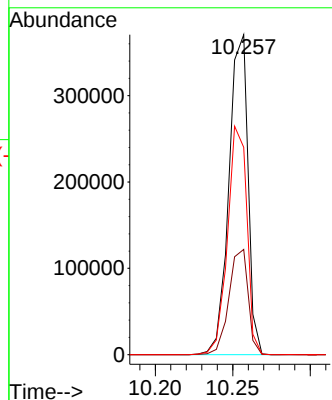
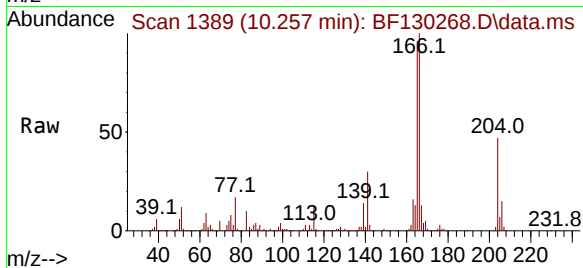




#61  
4-Chlorophenyl-phenylether  
Concen: 45.433 ng  
RT: 10.257 min Scan# 1355  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

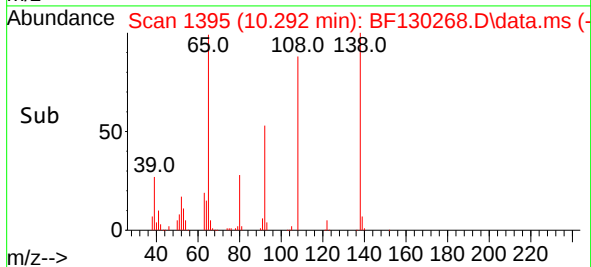
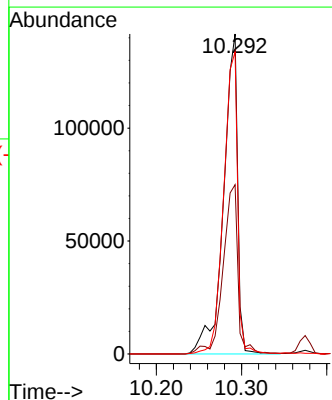
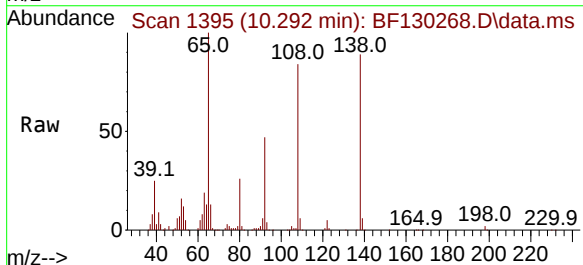
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

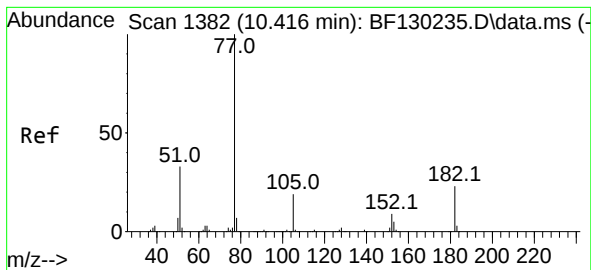
Tgt Ion:204 Resp: 317332  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 64.8 57.1 85.7



#62  
4-Nitroaniline  
Concen: 42.868 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:138 Resp: 163028  
Ion Ratio Lower Upper  
138 100  
92 52.9 36.7 76.7  
108 94.4 78.2 118.2





#63

Azobenzene

Concen: 40.793 ng

RT: 10.416 min Scan# 1416

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

Tgt Ion: 77 Resp: 684278

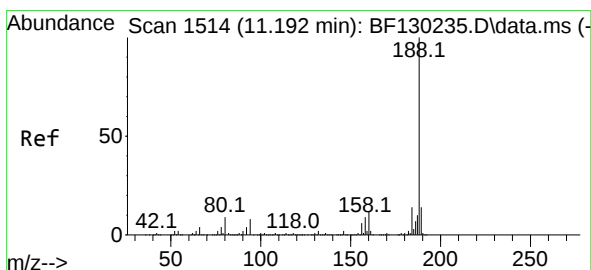
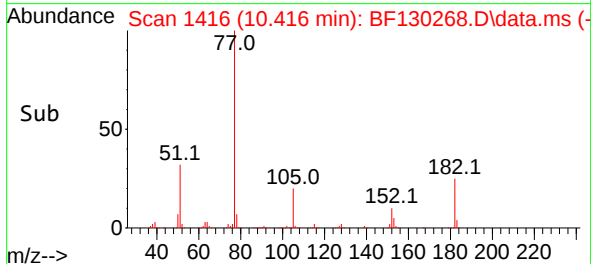
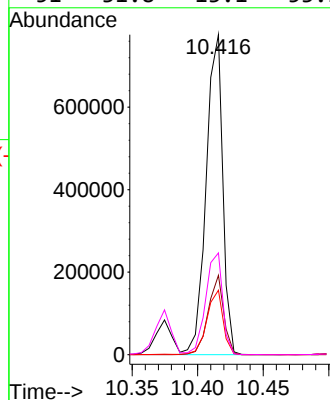
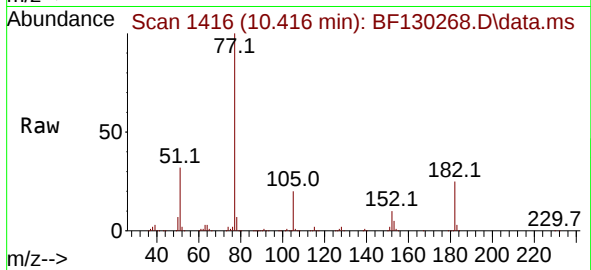
Ion Ratio Lower Upper

77 100

182 24.8 2.1 42.1

105 20.2 0.0 39.4

51 31.8 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

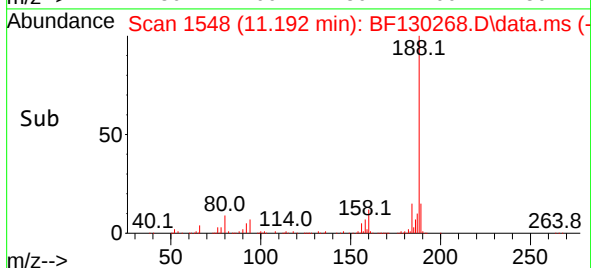
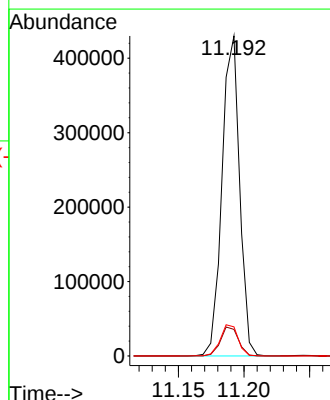
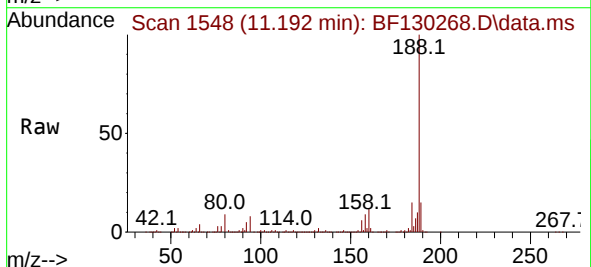
Tgt Ion: 188 Resp: 399871

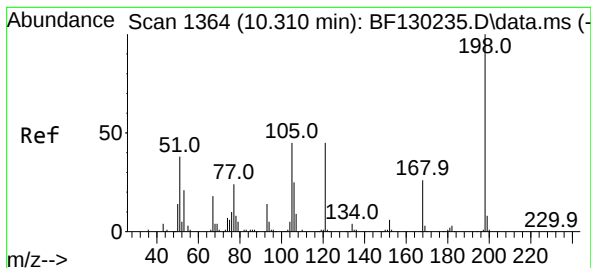
Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

80 9.1 7.9 11.9

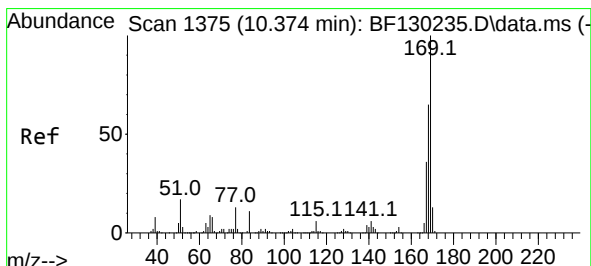
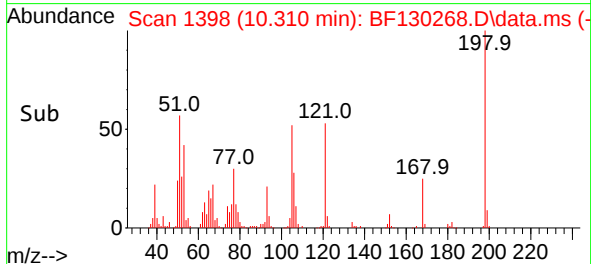
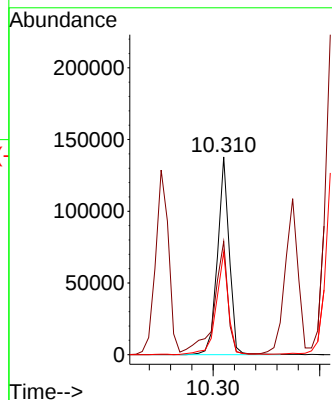
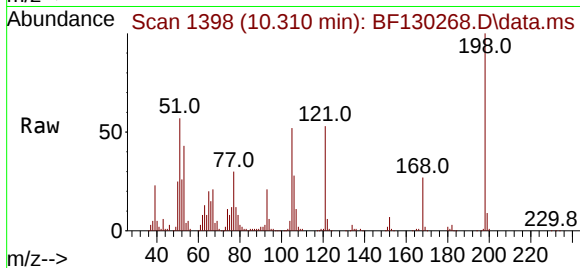




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.126 ng  
RT: 10.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

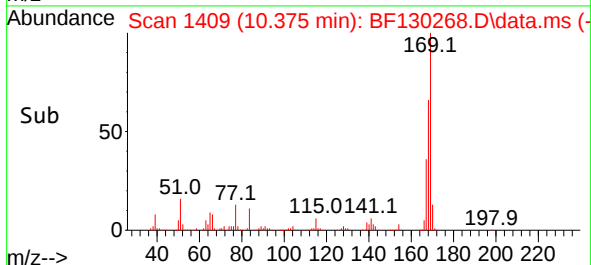
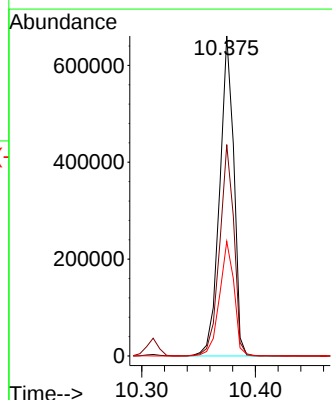
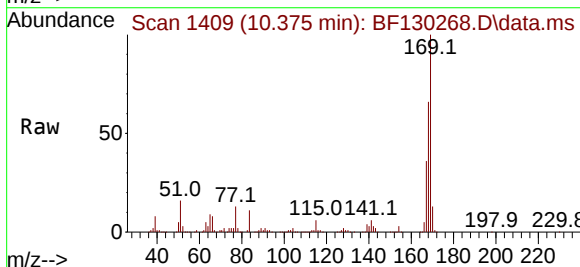
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

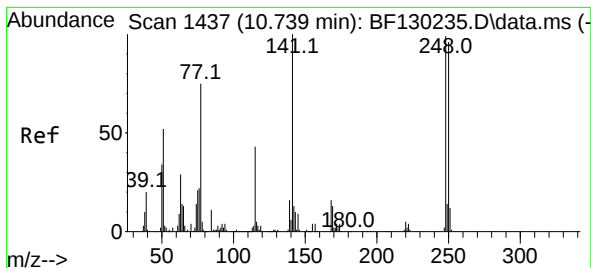
Tgt Ion:198 Resp: 104901  
Ion Ratio Lower Upper  
198 100  
51 57.2 36.9 76.9  
105 52.0 33.0 73.0



#66  
n-Nitrosodiphenylamine  
Concen: 42.958 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:169 Resp: 574025  
Ion Ratio Lower Upper  
169 100  
168 66.1 53.2 79.8  
167 35.8 29.2 43.8

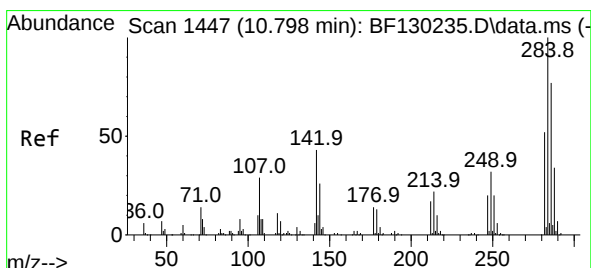
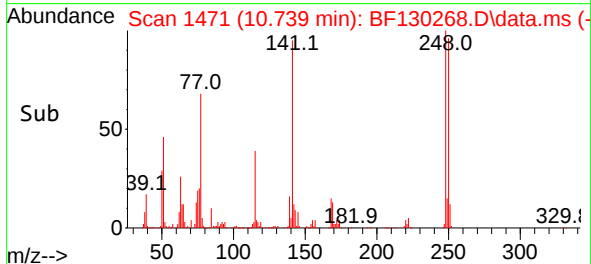
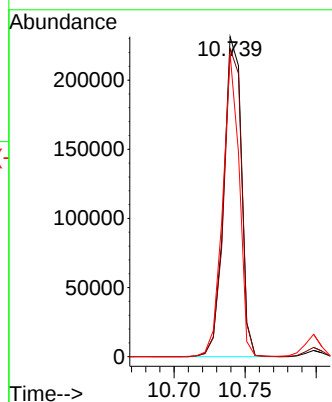
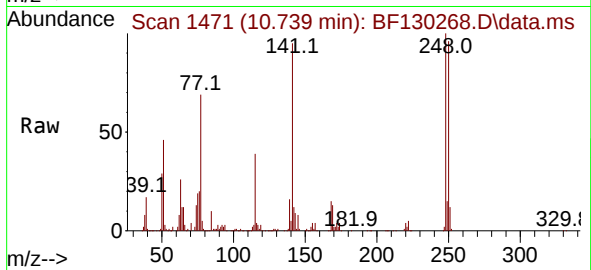




#67  
4-Bromophenyl-phenylether  
Concen: 45.432 ng  
RT: 10.739 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

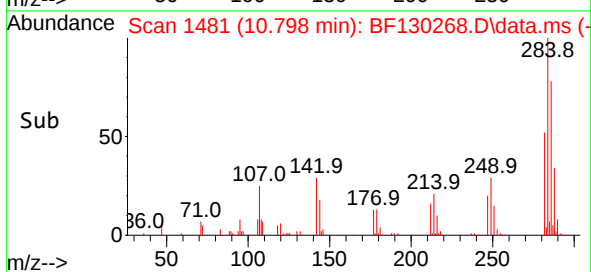
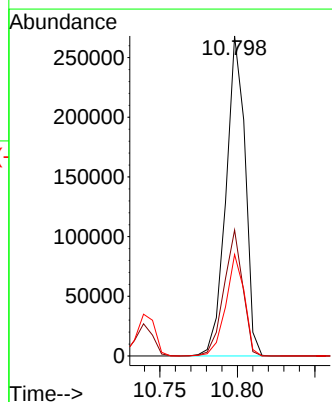
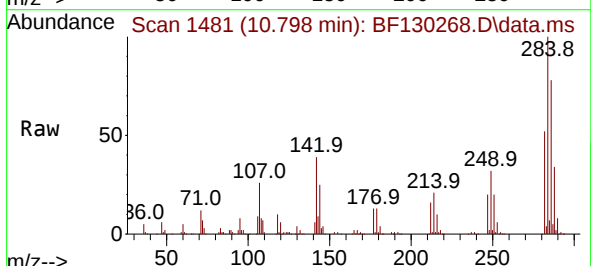
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

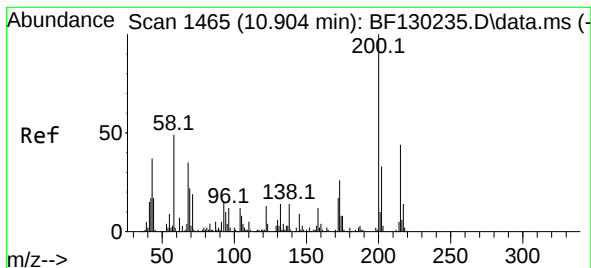
Tgt Ion:248 Resp: 200410  
Ion Ratio Lower Upper  
248 100  
250 96.2 80.0 120.0  
141 94.7 68.5 102.7



#68  
Hexachlorobenzene  
Concen: 46.121 ng  
RT: 10.798 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:284 Resp: 230624  
Ion Ratio Lower Upper  
284 100  
142 39.4 27.2 40.8  
249 31.7 23.8 35.8





#69

Atrazine

Concen: 50.097 ng

RT: 10.904 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

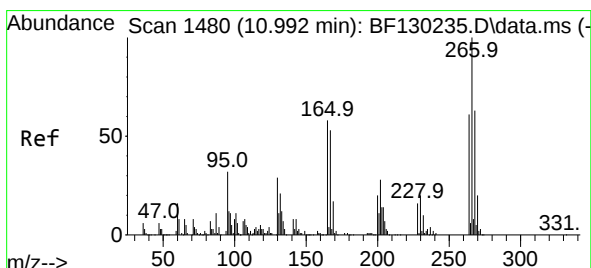
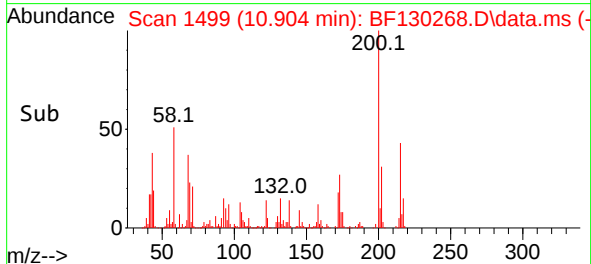
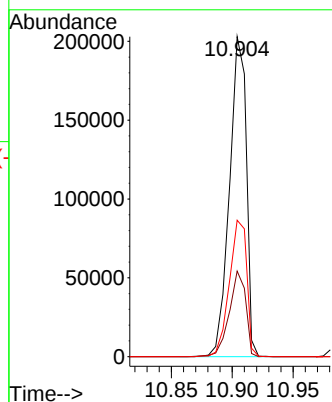
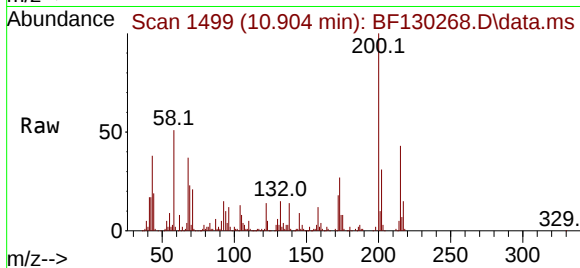
Tgt Ion:200 Resp: 195630

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 42.7 22.5 62.5



#70

Pentachlorophenol

Concen: 95.147 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

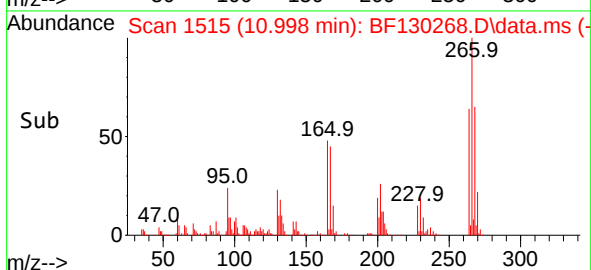
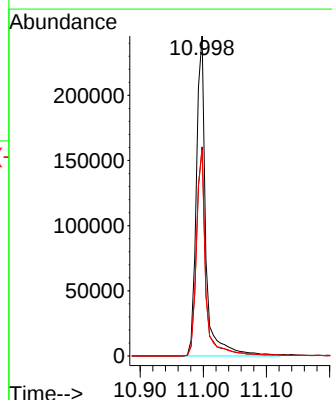
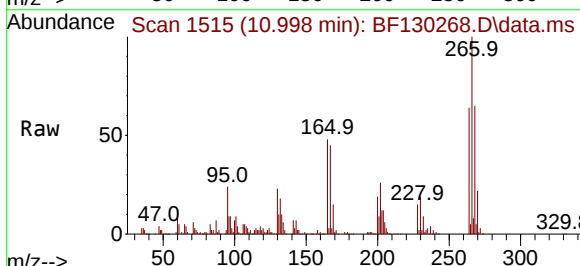
Tgt Ion:266 Resp: 255342

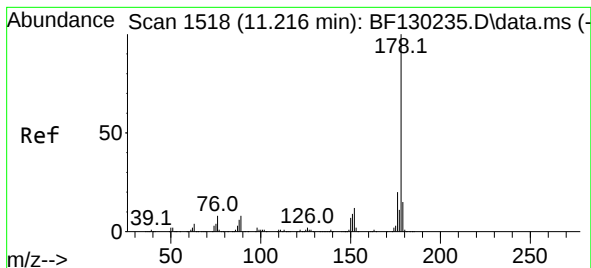
Ion Ratio Lower Upper

266 100

268 65.3 50.5 75.7

264 64.5 50.5 75.7





#71

Phenanthrene

Concen: 42.100 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

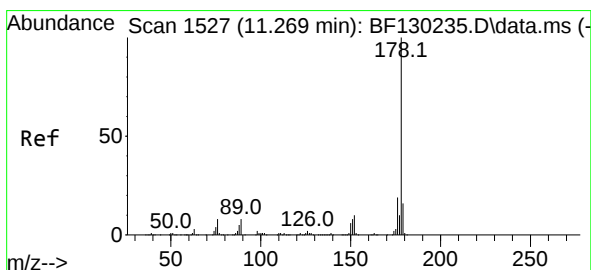
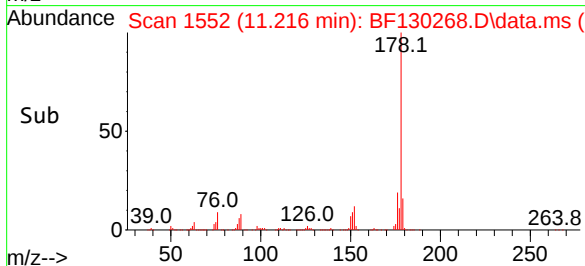
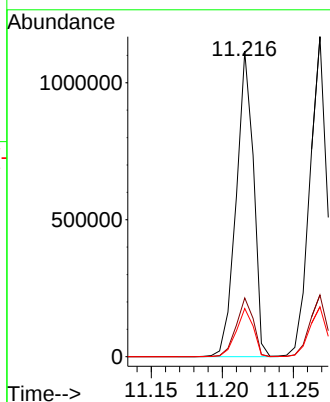
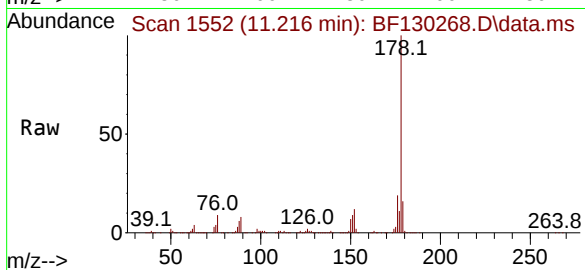
Tgt Ion:178 Resp: 945160

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.8 12.4 18.6



#72

Anthracene

Concen: 44.495 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

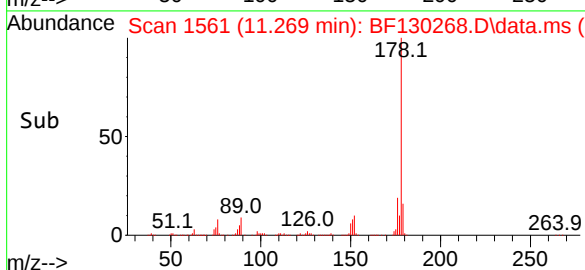
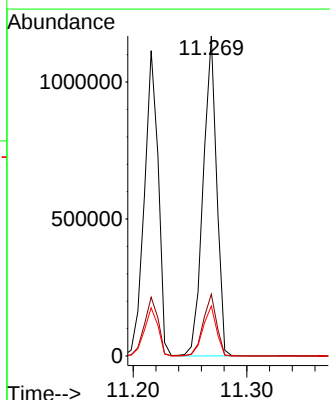
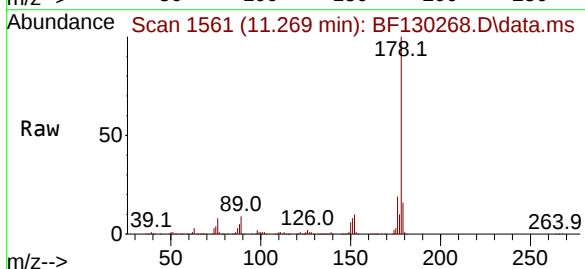
Tgt Ion:178 Resp: 964001

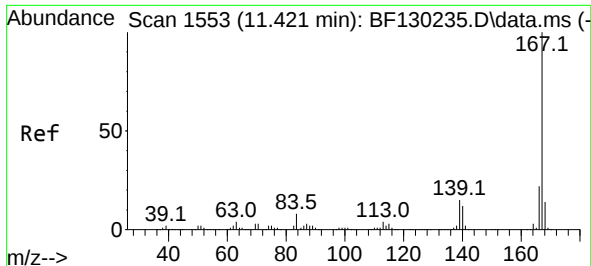
Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

179 15.6 12.7 19.1

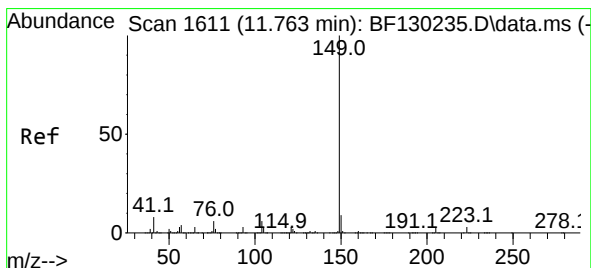
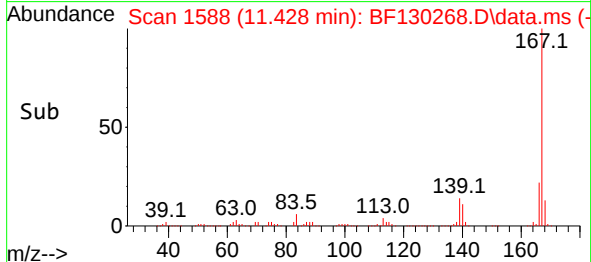
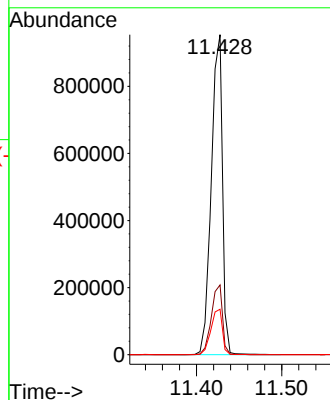
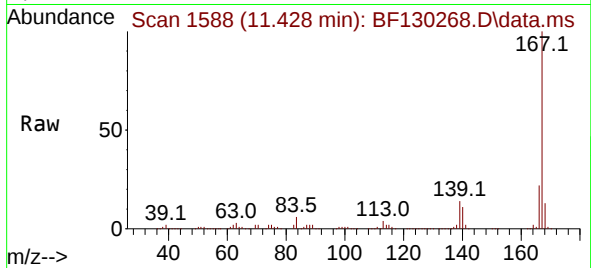




#73  
 Carbazole  
 Concen: 44.383 ng  
 RT: 11.428 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

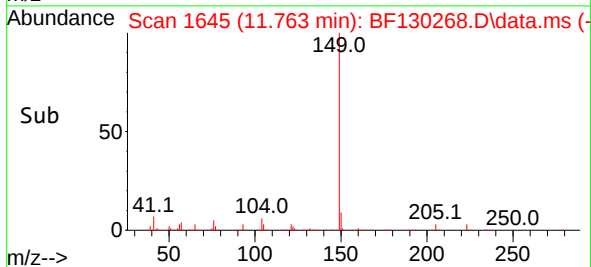
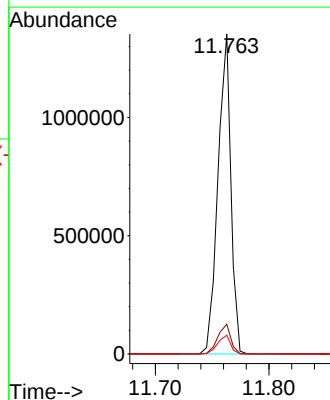
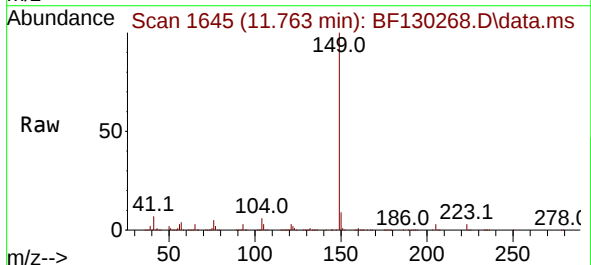
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147633BS

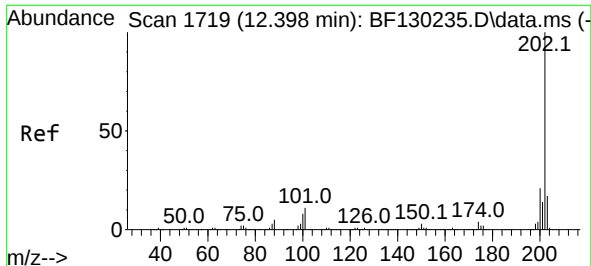
Tgt Ion:167 Resp: 867792  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 14.2 11.6 17.4



#74  
 Di-n-butylphthalate  
 Concen: 45.364 ng  
 RT: 11.763 min Scan# 1645  
 Delta R.T. 0.000 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

Tgt Ion:149 Resp: 1069602  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 5.9 4.8 7.2

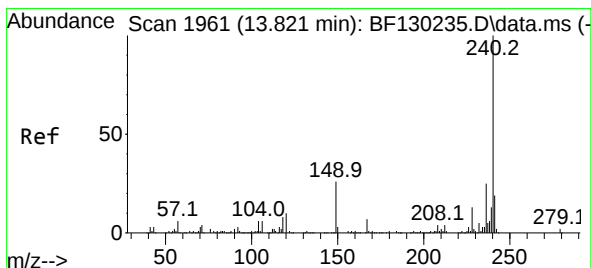
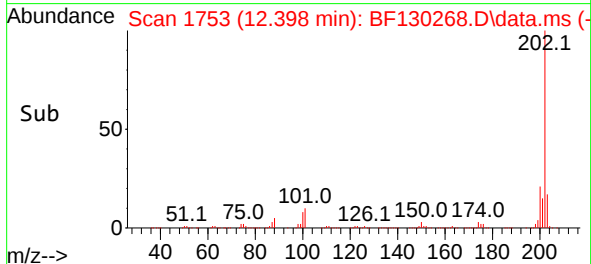
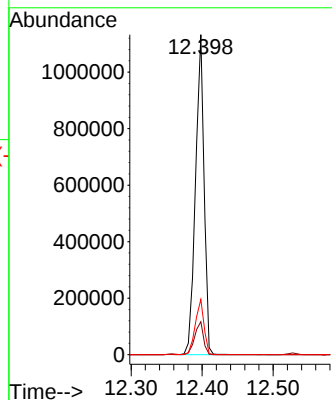
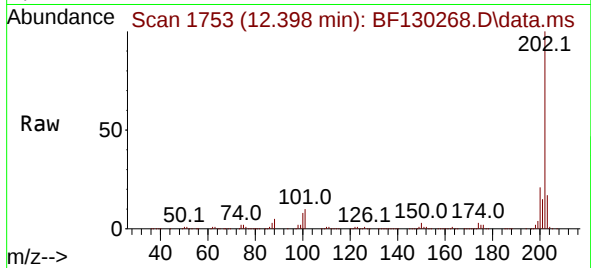




#75  
Fluoranthene  
Concen: 44.074 ng  
RT: 12.398 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

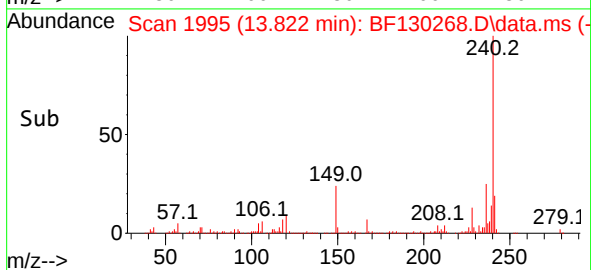
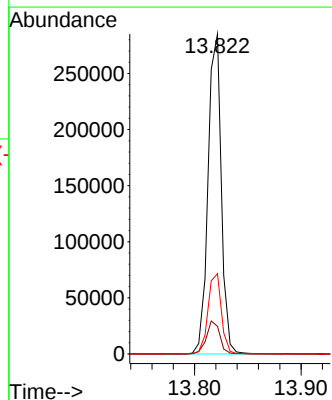
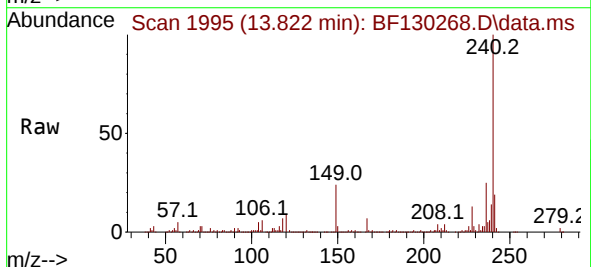
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

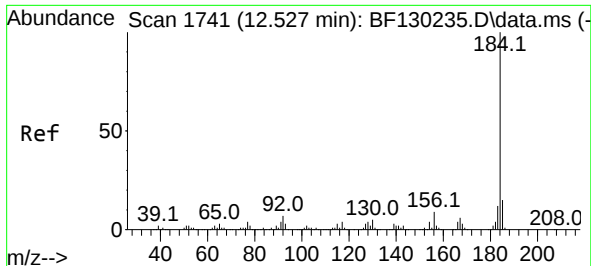
Tgt Ion:202 Resp: 956134  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 31.8  
203 17.3 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.822 min Scan# 1995  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:240 Resp: 246964  
Ion Ratio Lower Upper  
240 100  
120 8.7 8.7 13.1#  
236 25.1 20.9 31.3

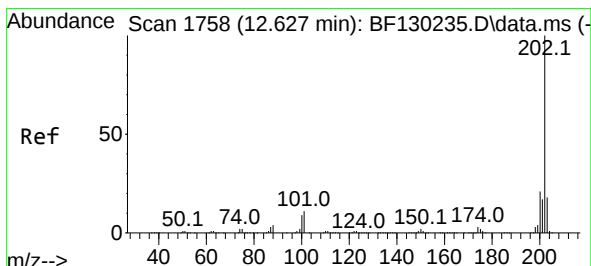
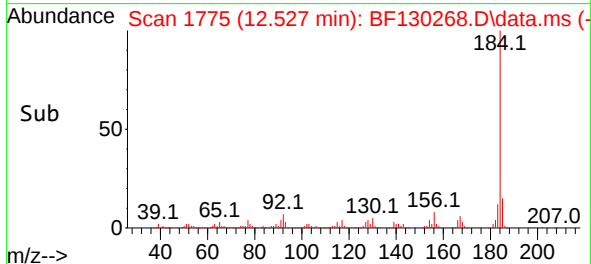
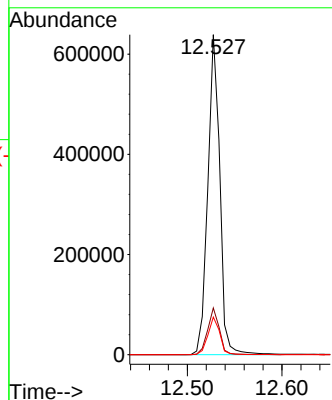
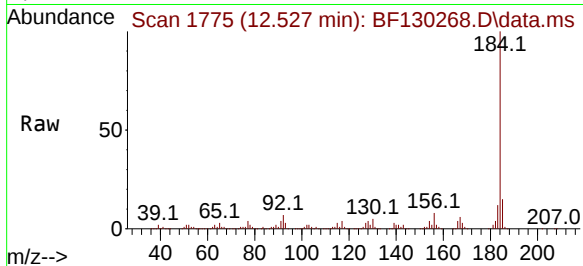




#77  
Benzidine  
Concen: 78.235 ng  
RT: 12.527 min Scan# 1741  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

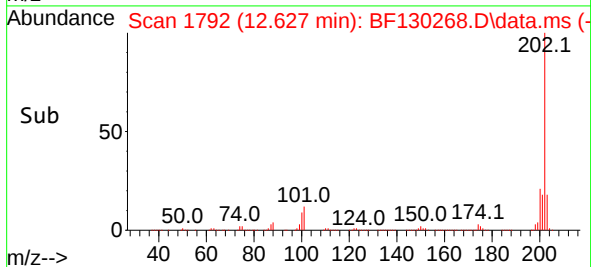
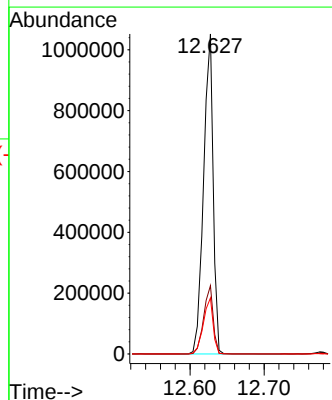
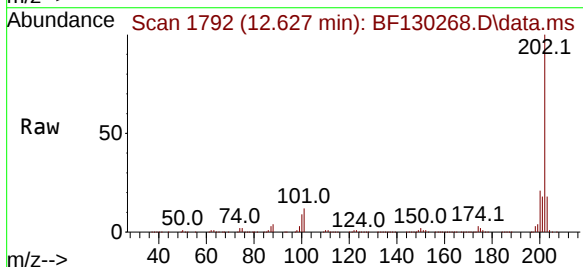
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

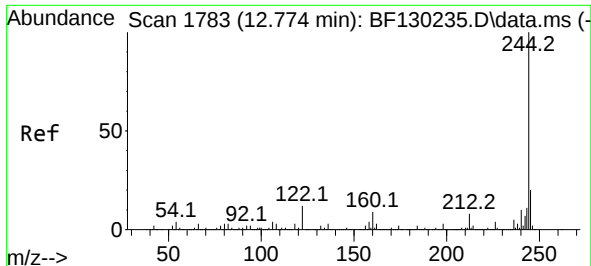
Tgt Ion:184 Resp: 560879  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.8 17.6  
183 11.8 9.1 13.7



#78  
Pyrene  
Concen: 43.987 ng  
RT: 12.627 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:202 Resp: 950325  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.2 25.8  
203 17.5 14.3 21.5

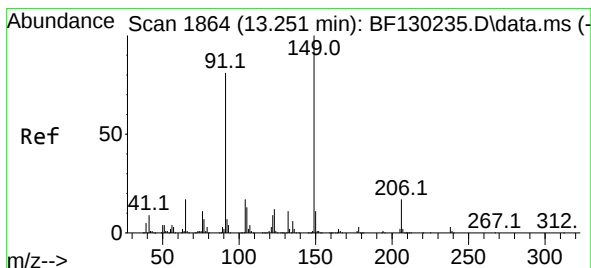
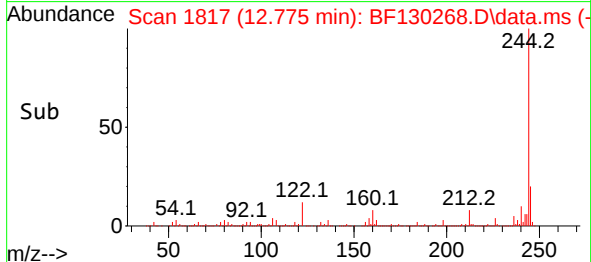
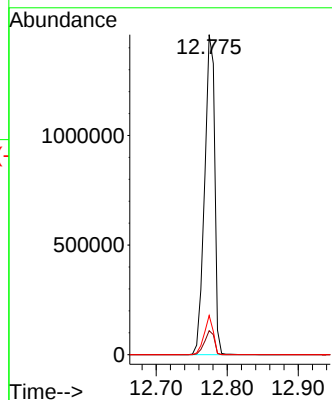
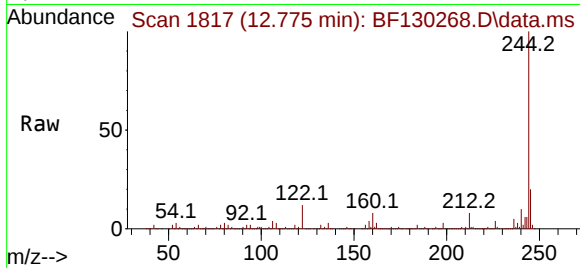




#79  
 Terphenyl-d14  
 Concen: 96.646 ng  
 RT: 12.775 min Scan# 1817  
 Delta R.T. 0.000 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

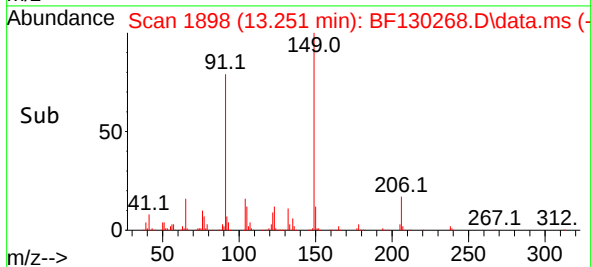
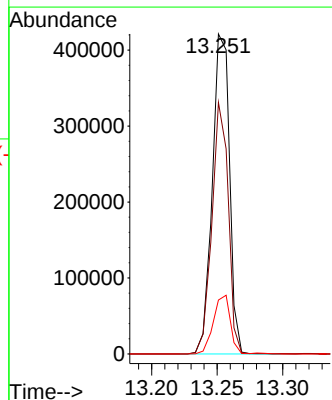
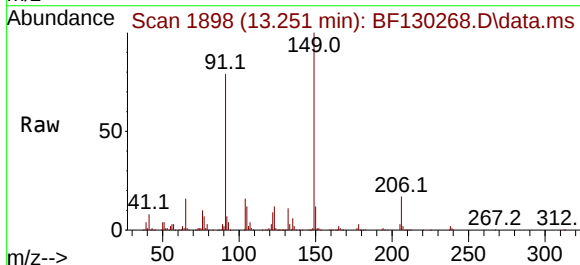
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147633BS

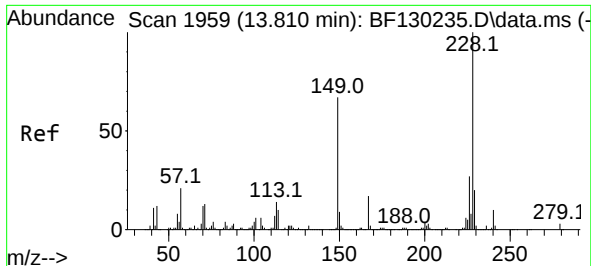
Tgt Ion:244 Resp: 1440887  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.9 8.9  
 122 12.3 8.5 12.7



#80  
 Butylbenzylphthalate  
 Concen: 48.074 ng  
 RT: 13.251 min Scan# 1898  
 Delta R.T. 0.000 min  
 Lab File: BF130268.D  
 Acq: 15 Sep 2022 13:22

Tgt Ion:149 Resp: 384768  
 Ion Ratio Lower Upper  
 149 100  
 91 78.6 59.8 89.8  
 206 16.8 13.9 20.9

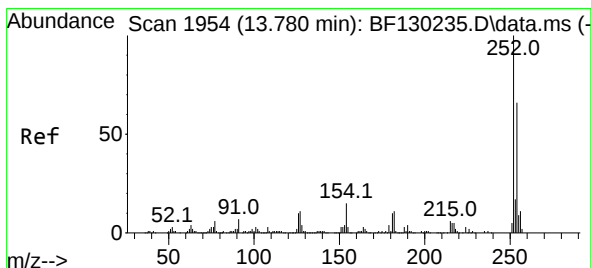
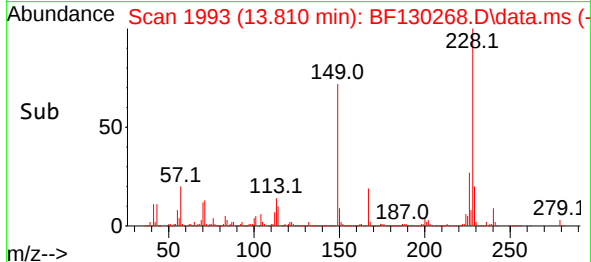
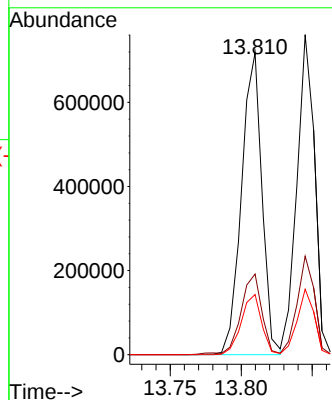
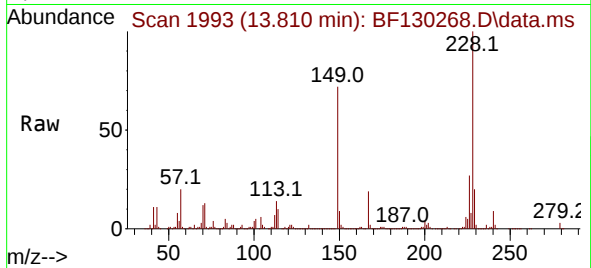




#81  
Benzo(a)anthracene  
Concen: 43.798 ng  
RT: 13.810 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

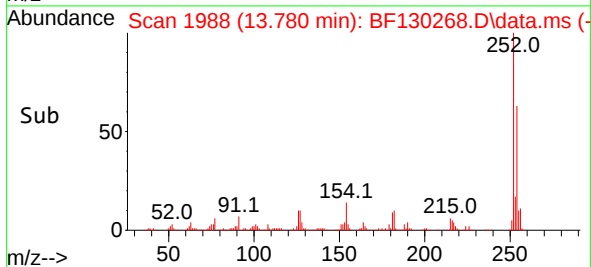
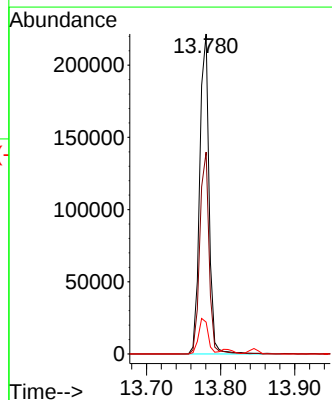
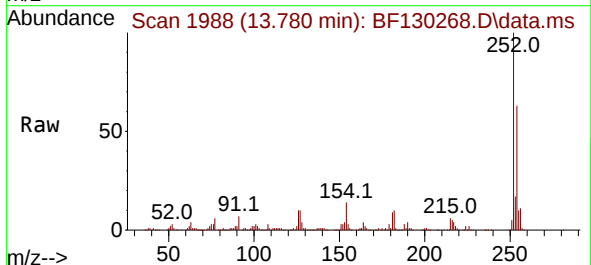
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

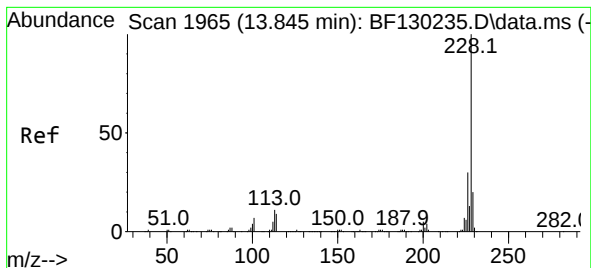
Tgt Ion:228 Resp: 719569  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.9 32.9  
229 19.9 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 43.172 ng  
RT: 13.780 min Scan# 1988  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:252 Resp: 193073  
Ion Ratio Lower Upper  
252 100  
254 63.1 51.1 76.7  
126 9.9 10.4 15.6





#83

Chrysene

Concen: 42.413 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

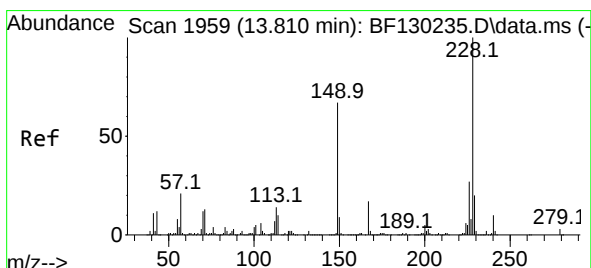
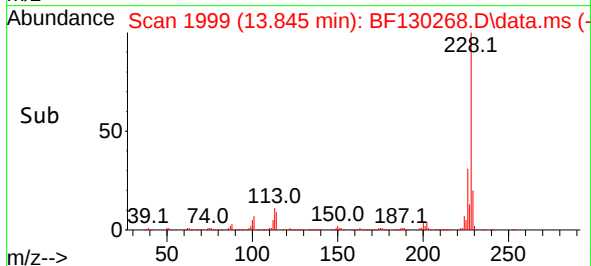
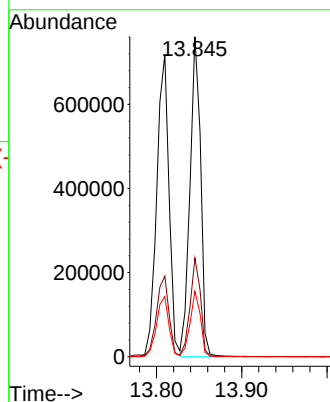
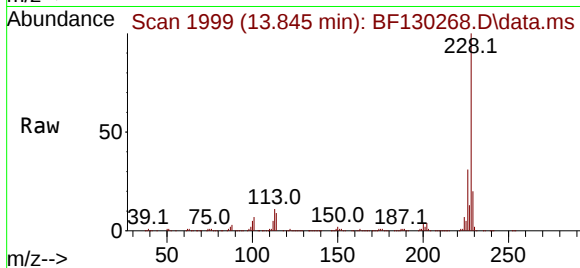
Tgt Ion:228 Resp: 661626

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.8

229 20.5 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.490 ng

RT: 13.810 min Scan# 1993

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

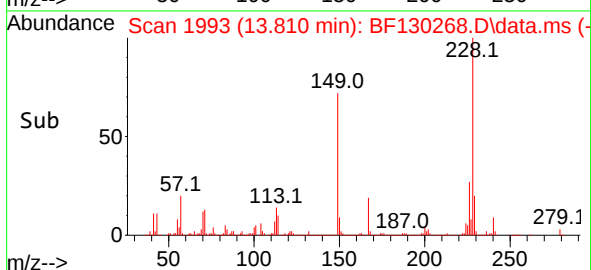
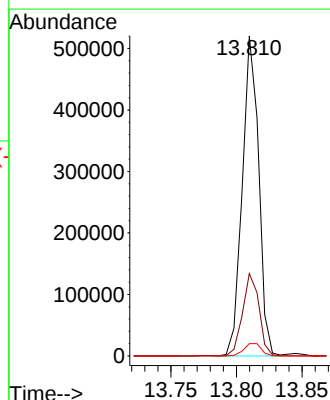
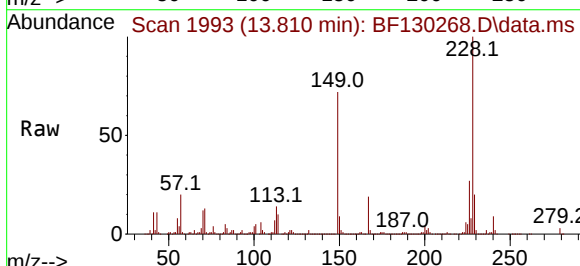
Tgt Ion:149 Resp: 453706

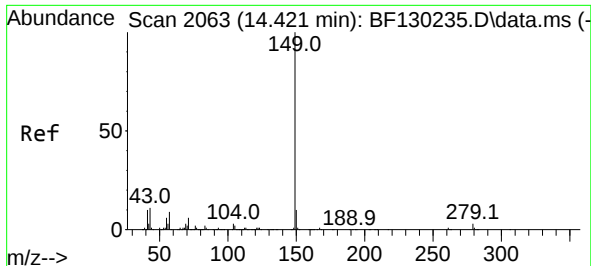
Ion Ratio Lower Upper

149 100

167 25.8 20.5 30.7

279 3.9 2.9 4.3

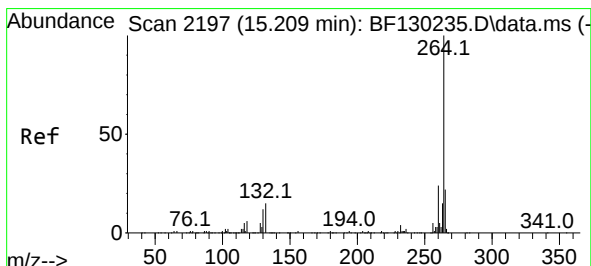
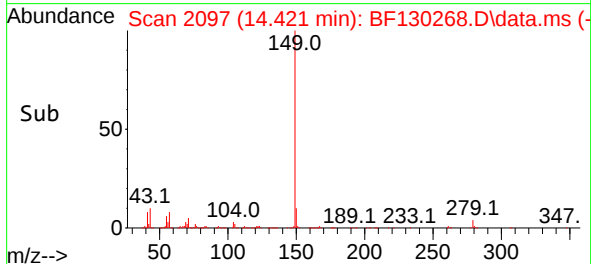
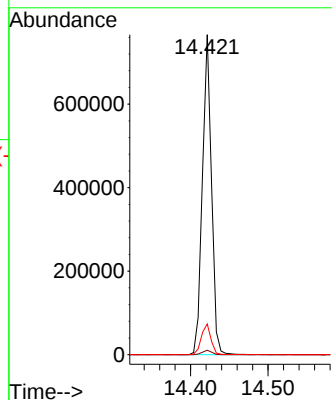
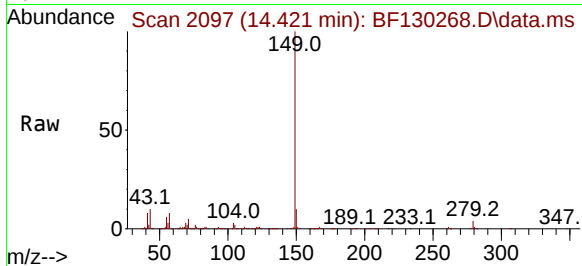




#85  
Di-n-octyl phthalate  
Concen: 44.561 ng  
RT: 14.421 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

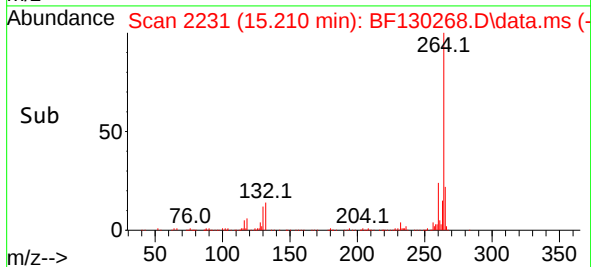
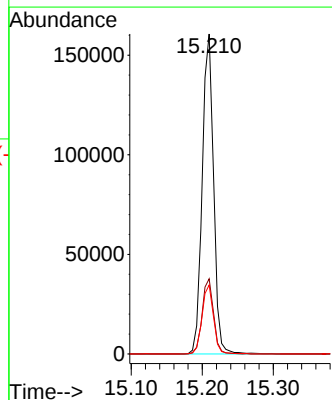
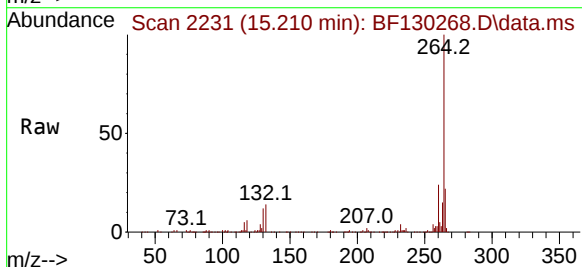
Instrument :  
BNA\_F  
ClientSampleId :  
PB147633BS

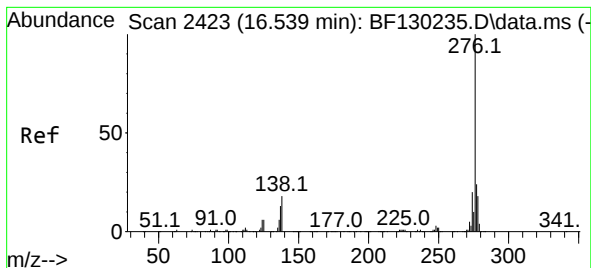
Tgt Ion:149 Resp: 624838  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.2 1.8  
43 10.2 8.7 13.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.210 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: BF130268.D  
Acq: 15 Sep 2022 13:22

Tgt Ion:264 Resp: 179347  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.3 28.9  
265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.772 ng

RT: 16.539 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

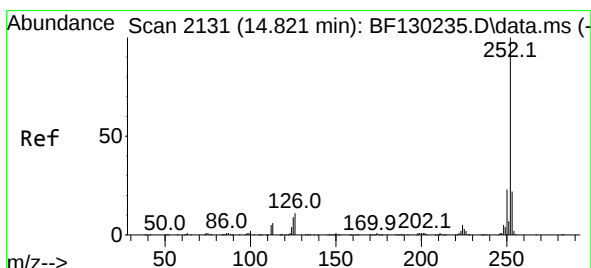
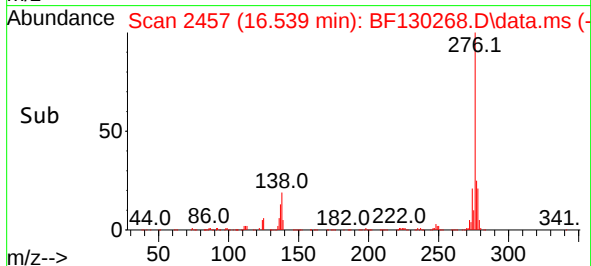
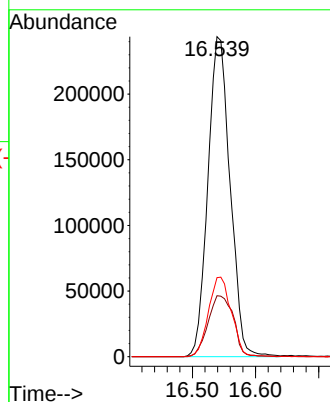
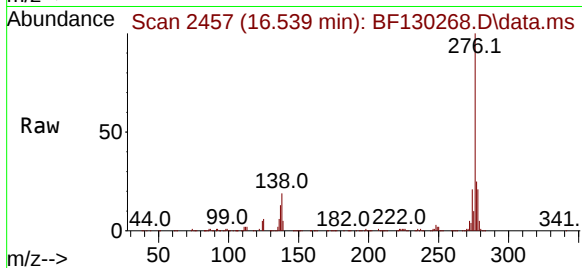
Tgt Ion:276 Resp: 594859

Ion Ratio Lower Upper

276 100

138 21.8 18.5 27.7

277 25.7 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.021 ng

RT: 14.816 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

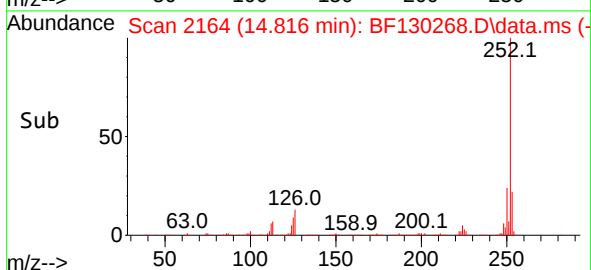
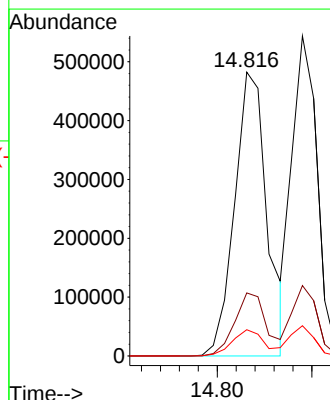
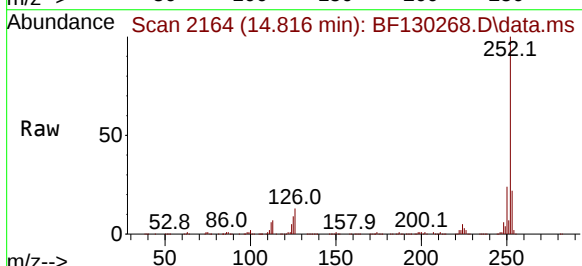
Tgt Ion:252 Resp: 573837

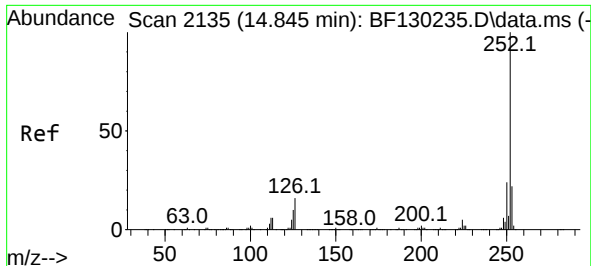
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.056 ng

RT: 14.845 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

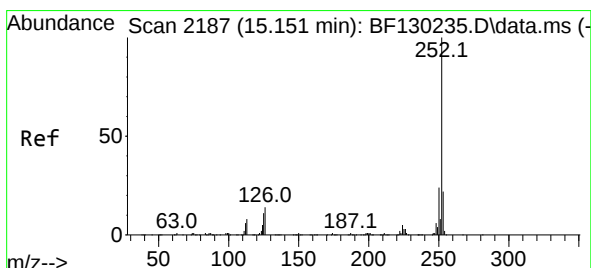
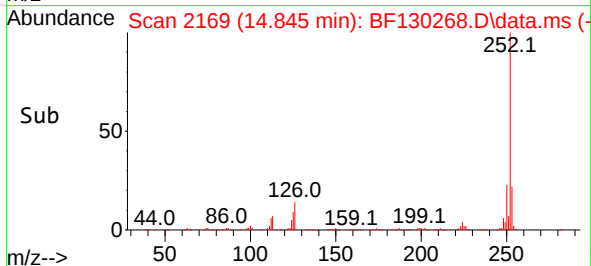
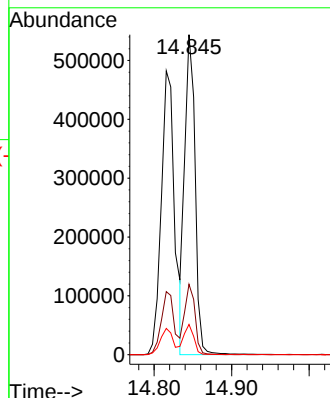
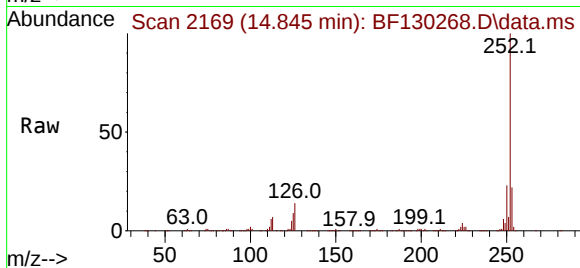
Tgt Ion:252 Resp: 507306

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.5 7.9 11.9



#90

Benzo(a)pyrene

Concen: 49.491 ng

RT: 15.151 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

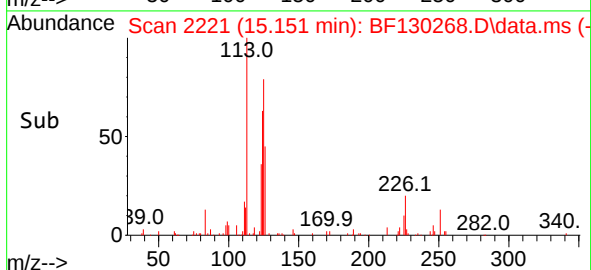
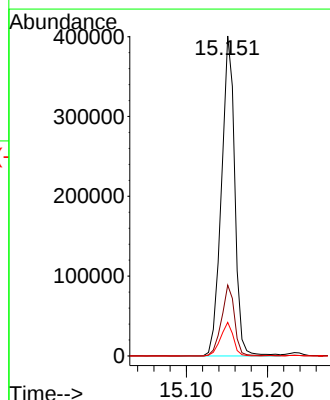
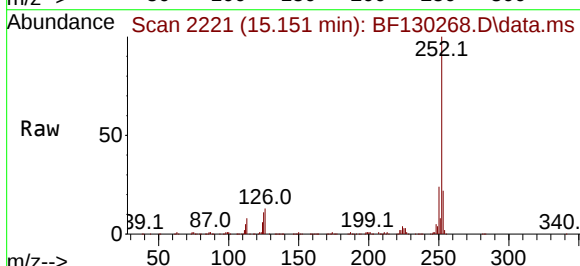
Tgt Ion:252 Resp: 458970

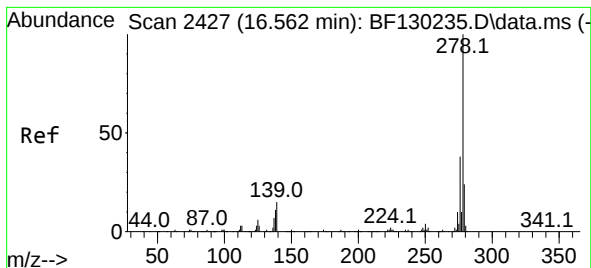
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 50.199 ng

RT: 16.563 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA\_F

ClientSampleId :

PB147633BS

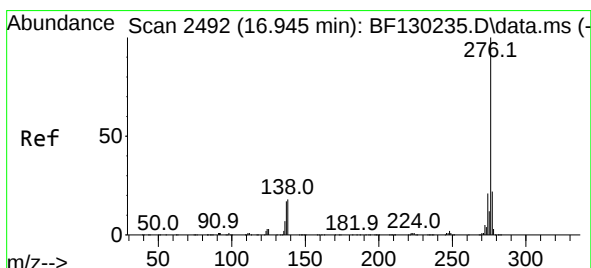
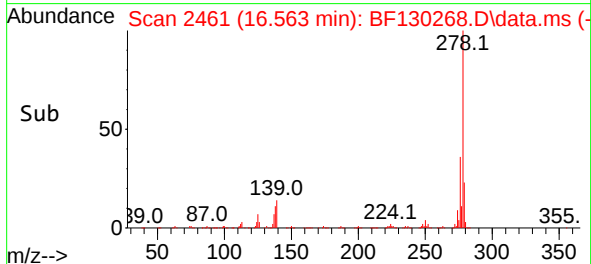
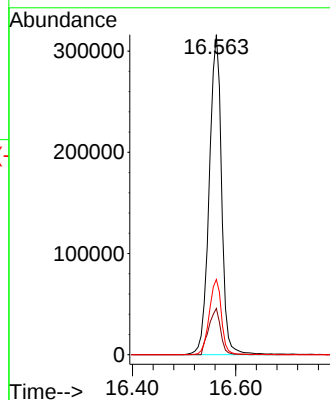
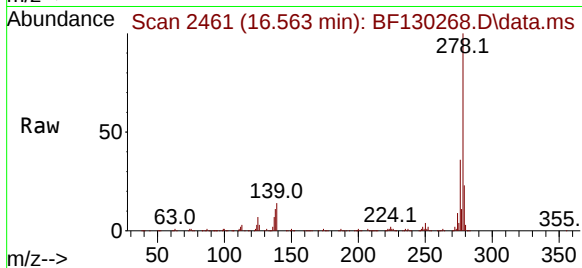
Tgt Ion:278 Resp: 523750

Ion Ratio Lower Upper

278 100

139 14.5 11.8 17.8

279 23.5 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 49.084 ng

RT: 16.945 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion:276 Resp: 515883

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 18.5 14.6 21.8

