

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050522\  
 Data File : BF128091.D  
 Acq On : 05 May 2022 13:36  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 05 17:59:08 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 17:56:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.910  | 152  | 98161    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 355522   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.951  | 164  | 202975   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.445 | 188  | 374957   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.092 | 240  | 246801   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.586 | 264  | 198750   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 507216   | 82.302 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.540  | 99   | 666030   | 83.288 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 671480   | 88.815 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 189075   | 92.535 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 1072770  | 89.413 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 1181411  | 87.531 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.728  | 88   | 115468   | 39.269 | ng    | 98       |
| 3) Pyridine                   | 3.499  | 79   | 316705   | 42.036 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.469  | 42   | 156482   | 42.909 | ng    | 95       |
| 6) Aniline                    | 6.575  | 93   | 399742   | 42.074 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.698  | 128  | 264889   | 41.412 | ng    | 97       |
| 9) Benzaldehyde               | 6.463  | 77   | 168878   | 34.137 | ng    | 93       |
| 10) Phenol                    | 6.551  | 94   | 365554   | 45.324 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.645  | 93   | 269095   | 40.221 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.851  | 146  | 298781   | 40.580 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.928  | 146  | 300986   | 40.955 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.081  | 146  | 280964   | 41.297 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.051  | 79   | 276874   | 50.914 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 409154   | 40.013 | ng    | 98       |
| 17) 2-Methylphenol            | 7.157  | 107  | 226886   | 41.111 | ng    | 97       |
| 18) Hexachloroethane          | 7.422  | 117  | 113754   | 42.102 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 206602   | 42.205 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 278907   | 41.835 | ng    | 92       |
| 22) Acetophenone              | 7.322  | 105  | 371193   | 42.837 | ng    | 95       |
| 24) Nitrobenzene              | 7.498  | 77   | 315700   | 43.334 | ng    | 98       |
| 25) Isophorone                | 7.734  | 82   | 544511   | 42.792 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.810  | 139  | 142192   | 45.803 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.840  | 122  | 217265   | 42.135 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.939  | 93   | 340271   | 41.726 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.051  | 162  | 231210   | 42.801 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.134  | 180  | 257191   | 41.913 | ng    | 99       |
| 31) Naphthalene               | 8.216  | 128  | 754473   | 41.667 | ng    | 100      |
| 32) Benzoic acid              | 7.969  | 122  | 163064   | 44.120 | ng    | 94       |
| 33) 4-Chloroaniline           | 8.263  | 127  | 300355   | 41.923 | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 171118   | 44.272 | ng    | 98       |
| 35) Caprolactam               | 8.645  | 113  | 74222    | 42.565 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.745  | 107  | 250256   | 43.377 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 506056   | 42.288 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 491612   | 42.265 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 254170   | 42.484 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 124373   | 38.370 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.186  | 196  | 170673   | 43.356 | ng    | 99       |

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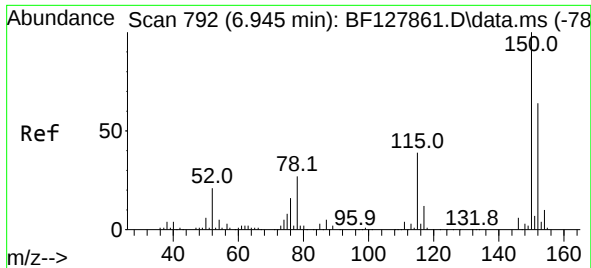
Quant Time: May 05 17:59:08 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 17:56:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.228  | 196  | 177071   | 41.378 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 622819   | 41.424 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.398  | 162  | 466440   | 40.752 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.498  | 65   | 173575   | 44.831 | ng    | 98       |
| 49) Acenaphthylene            | 9.816  | 152  | 721432   | 41.205 | ng    | 100      |
| 50) Dimethylphthalate         | 9.669  | 163  | 558861   | 41.055 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 125740   | 42.663 | ng    | 93       |
| 52) Acenaphthene              | 9.986  | 154  | 447659   | 38.031 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.910  | 138  | 136483   | 41.702 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 10.016 | 184  | 67478    | 43.474 | ng    | # 86     |
| 55) Dibenzofuran              | 10.157 | 168  | 702016   | 41.337 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.069 | 139  | 93971    | 37.601 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 170603   | 43.700 | ng    | 98       |
| 58) Fluorene                  | 10.504 | 166  | 535076   | 42.224 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.275 | 232  | 149838   | 41.638 | ng    | 100      |
| 60) Diethylphthalate          | 10.369 | 149  | 559087   | 41.884 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.492 | 204  | 271182   | 43.064 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.528 | 138  | 133972   | 41.871 | ng    | 96       |
| 63) Azobenzene                | 10.651 | 77   | 613612   | 41.776 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198  | 105733   | 47.457 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.610 | 169  | 470422   | 40.320 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.980 | 248  | 173408   | 41.719 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.051 | 284  | 186703   | 42.632 | ng    | # 89     |
| 69) Atrazine                  | 11.139 | 200  | 142439   | 39.482 | ng    | 99       |
| 70) Pentachlorophenol         | 11.245 | 266  | 94936    | 36.849 | ng    | 96       |
| 71) Phenanthrene              | 11.469 | 178  | 783840   | 39.936 | ng    | 100      |
| 72) Anthracene                | 11.522 | 178  | 791516   | 40.483 | ng    | 100      |
| 73) Carbazole                 | 11.675 | 167  | 748176   | 39.705 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 858378   | 40.511 | ng    | 99       |
| 75) Fluoranthene              | 12.663 | 202  | 838053   | 40.570 | ng    | 96       |
| 77) Benzidine                 | 12.780 | 184  | 222153   | 47.572 | ng    | 99       |
| 78) Pyrene                    | 12.892 | 202  | 850603   | 42.695 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 345208   | 44.207 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.080 | 228  | 693004   | 42.128 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 204878   | 39.225 | ng    | 99       |
| 83) Chrysene                  | 14.116 | 228  | 649047   | 41.313 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 448458   | 43.306 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 685481   | 42.714 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.121 | 276  | 564167   | 42.527 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.145 | 252  | 550628   | 44.109 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.180 | 252  | 499661   | 39.729 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.527 | 252  | 438866   | 42.383 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 17.145 | 278  | 461676   | 43.393 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.592 | 276  | 467716   | 41.714 | ng    | 98       |

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

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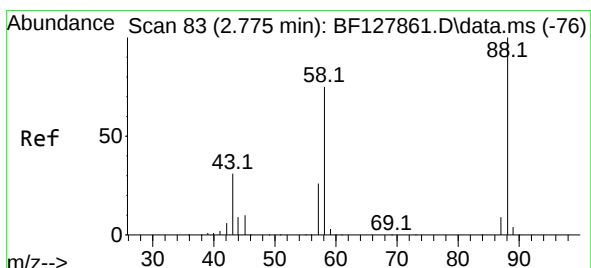
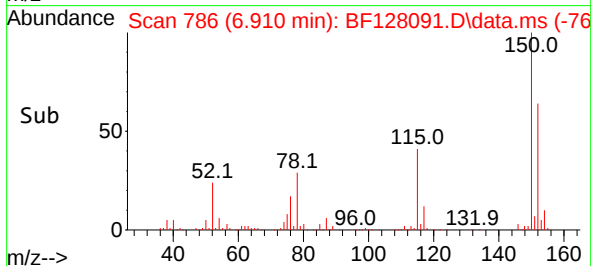
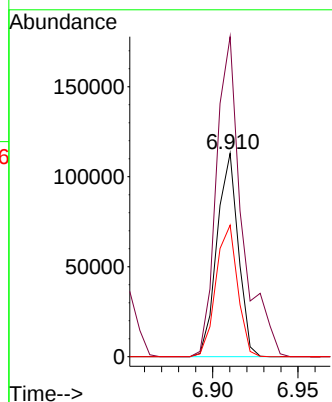
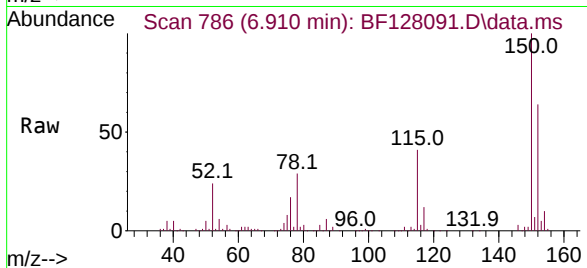




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.910 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

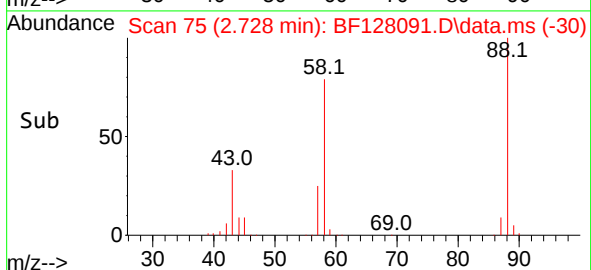
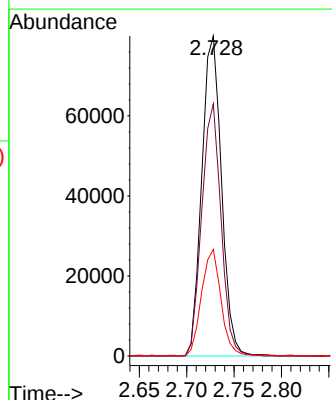
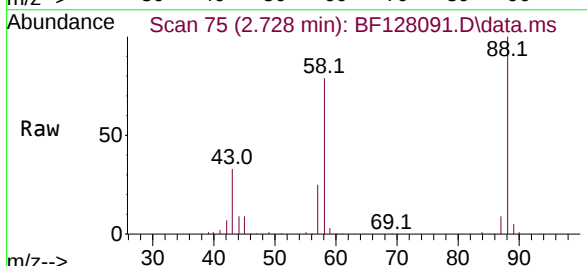
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

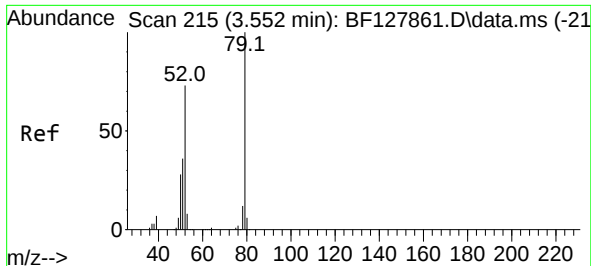
Tgt Ion:152 Resp: 98161  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 125.3 187.9  
 115 64.7 48.8 73.2



#2  
 1,4-Dioxane  
 Concen: 39.269 ng  
 RT: 2.728 min Scan# 75  
 Delta R.T. -0.035 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

Tgt Ion: 88 Resp: 115468  
 Ion Ratio Lower Upper  
 88 100  
 58 77.1 61.0 91.4  
 43 33.2 24.9 37.3

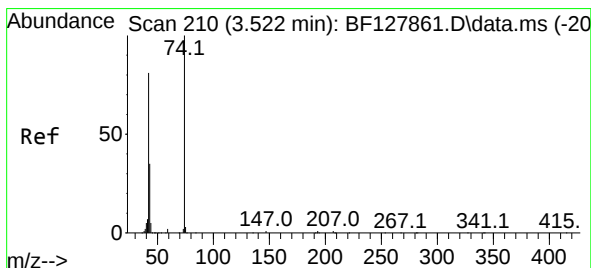
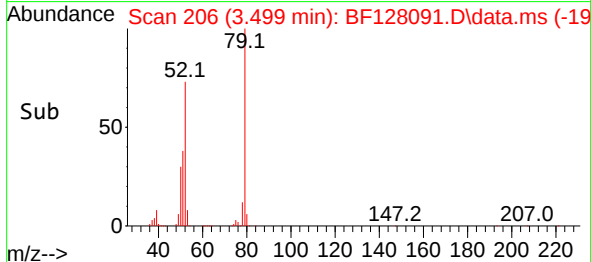
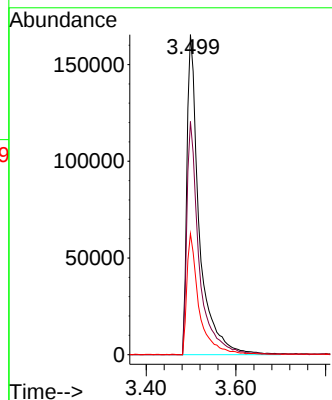
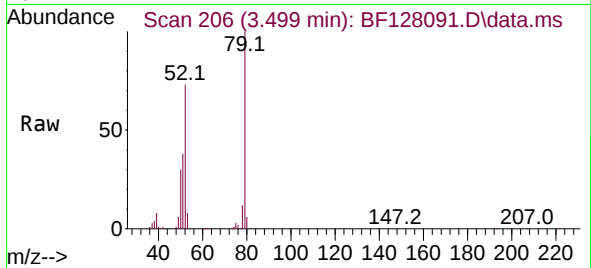




#3  
Pyridine  
Concen: 42.036 ng  
RT: 3.499 min Scan# 20  
Delta R.T. -0.029 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

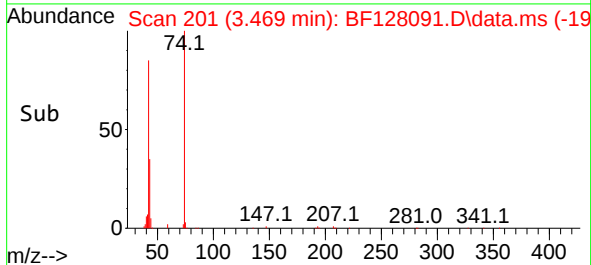
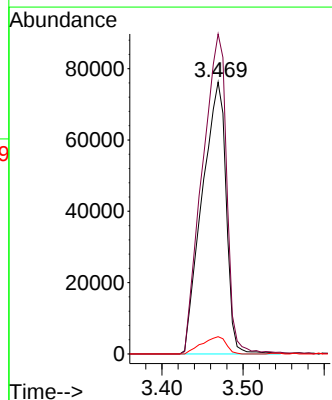
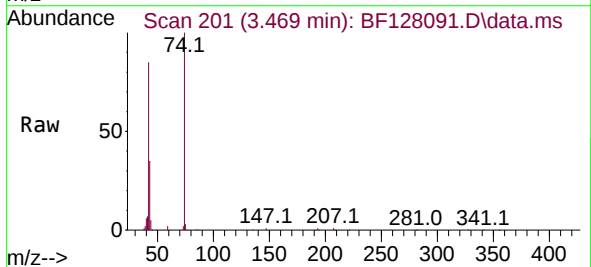
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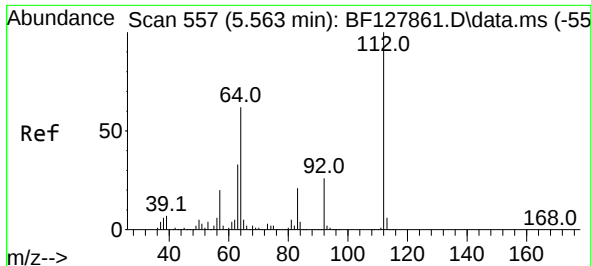
Tgt Ion: 79 Resp: 316705  
Ion Ratio Lower Upper  
79 100  
52 72.8 58.3 87.5  
51 37.8 28.6 42.8



#4  
n-Nitrosodimethylamine  
Concen: 42.909 ng  
RT: 3.469 min Scan# 201  
Delta R.T. -0.041 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion: 42 Resp: 156482  
Ion Ratio Lower Upper  
42 100  
74 117.7 99.0 148.4  
44 6.4 5.2 7.8

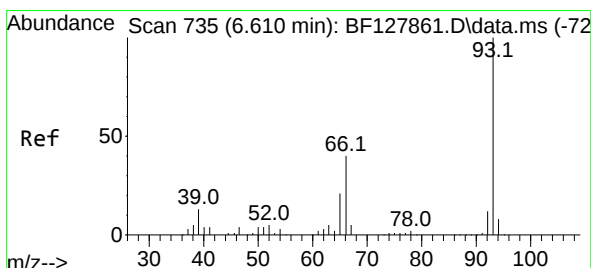
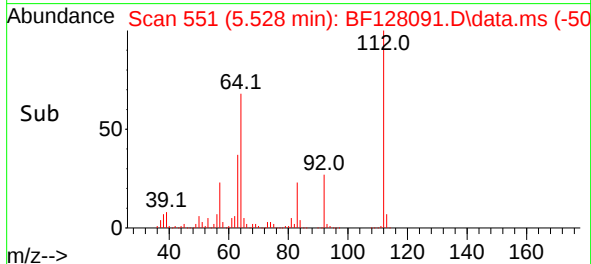
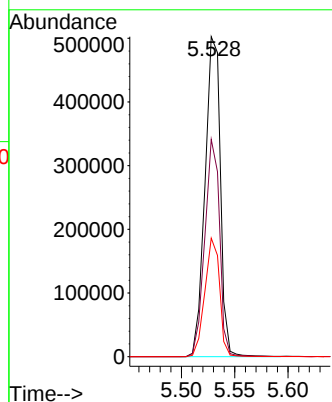
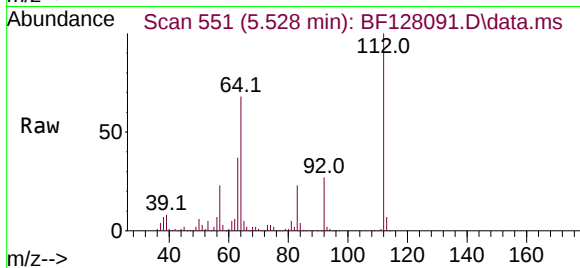




#5  
2-Fluorophenol  
Concen: 82.302 ng  
RT: 5.528 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

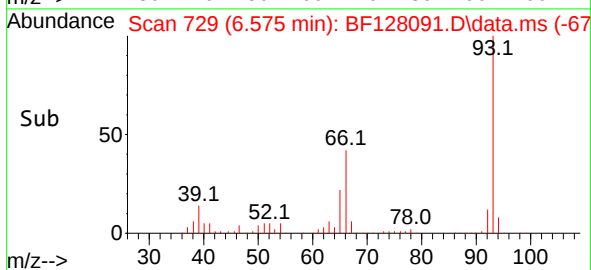
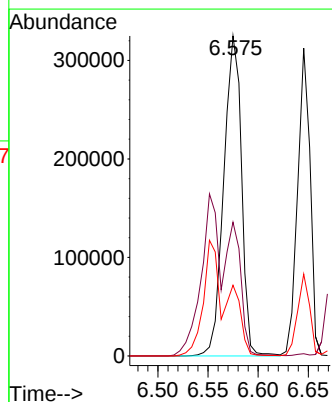
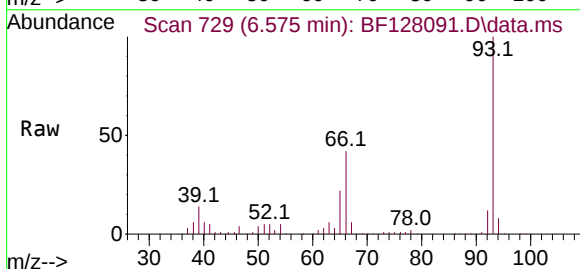
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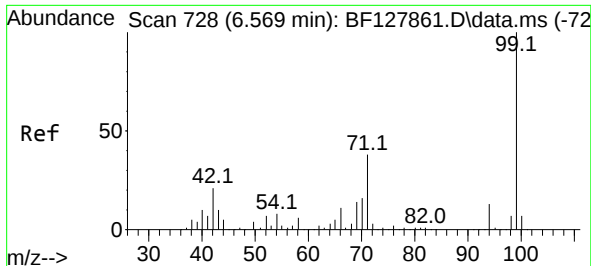
Tgt Ion:112 Resp: 507216  
Ion Ratio Lower Upper  
112 100  
64 67.9 49.5 74.3  
63 37.0 26.3 39.5



#6  
Aniline  
Concen: 42.074 ng  
RT: 6.575 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion: 93 Resp: 399742  
Ion Ratio Lower Upper  
93 100  
66 41.8 32.2 48.4  
65 22.1 16.7 25.1





#7

Phenol-d6

Concen: 83.288 ng

RT: 6.540 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

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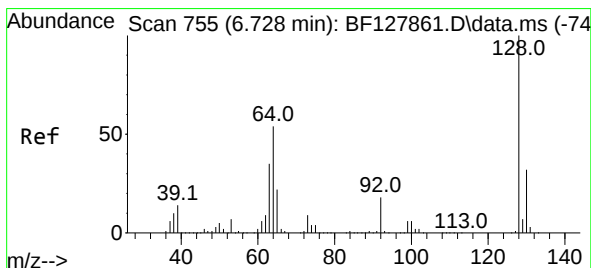
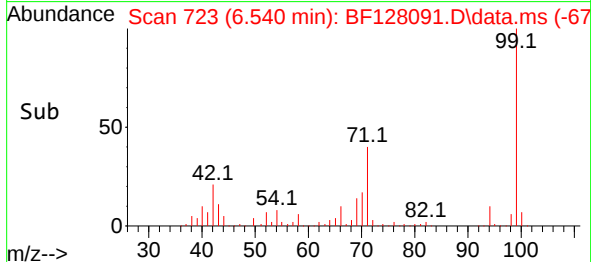
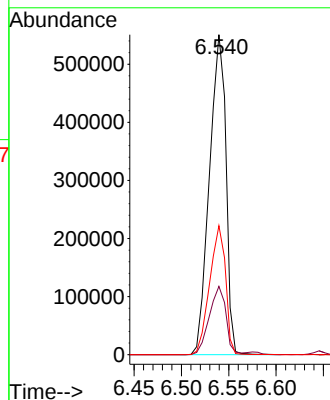
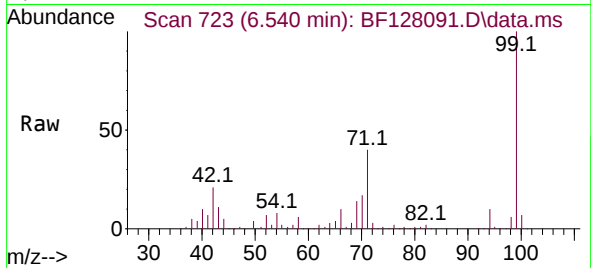
Tgt Ion: 99 Resp: 666030

Ion Ratio Lower Upper

99 100

42 21.4 16.6 24.8

71 40.3 30.0 45.0



#8

2-Chlorophenol

Concen: 41.412 ng

RT: 6.698 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

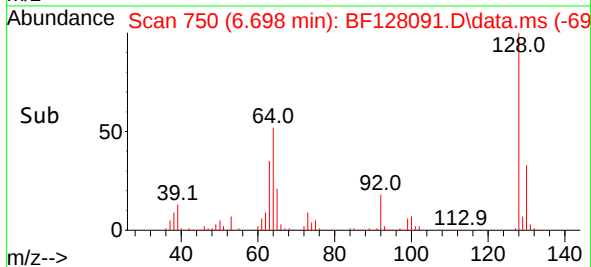
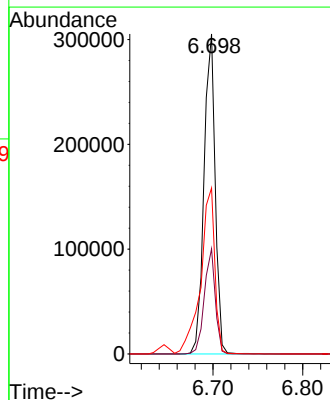
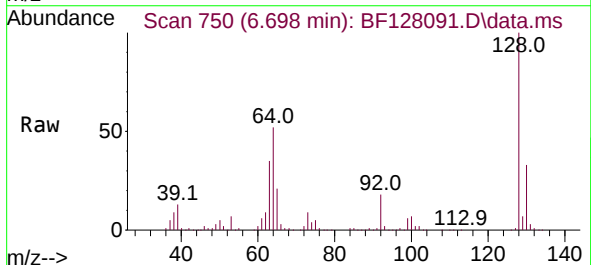
Tgt Ion:128 Resp: 264889

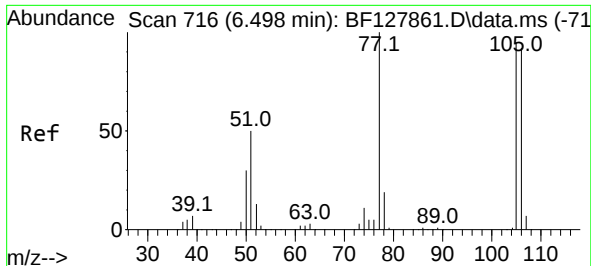
Ion Ratio Lower Upper

128 100

130 32.8 11.6 51.6

64 51.8 33.8 73.8





#9

Benzaldehyde

Concen: 34.137 ng

RT: 6.463 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

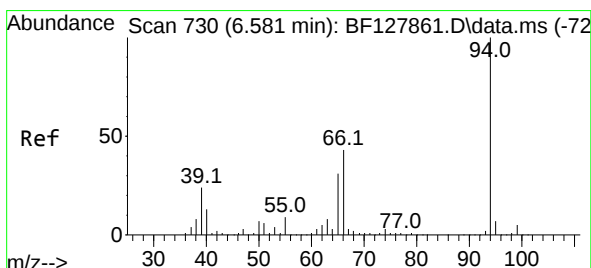
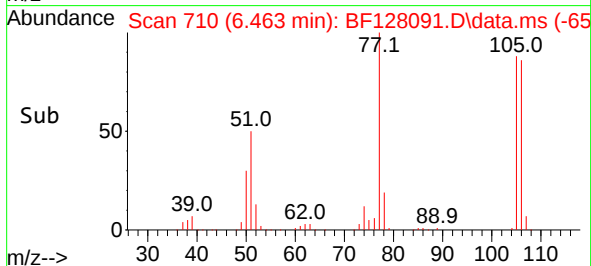
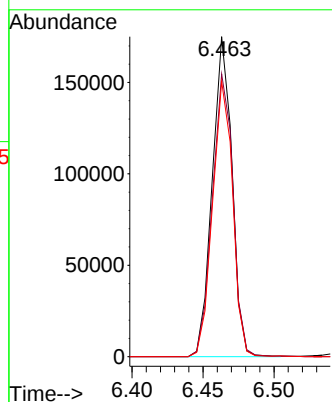
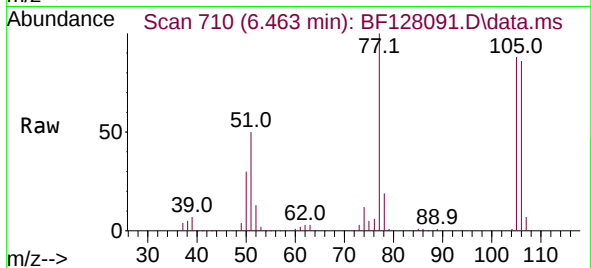
Tgt Ion: 77 Resp: 168878

Ion Ratio Lower Upper

77 100

105 88.4 74.9 114.9

106 86.0 72.2 112.2



#10

Phenol

Concen: 45.324 ng

RT: 6.551 min Scan# 725

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

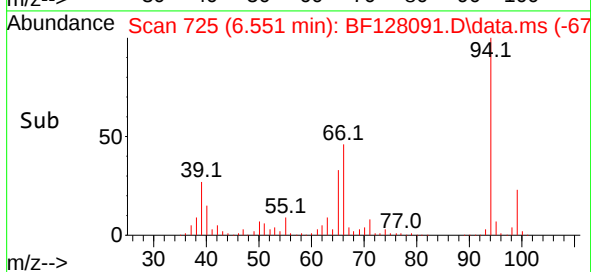
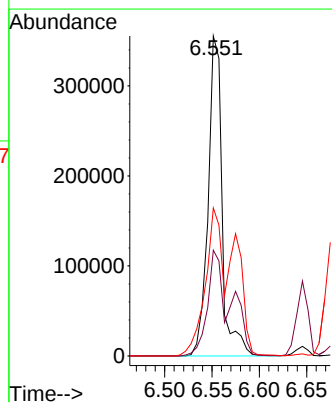
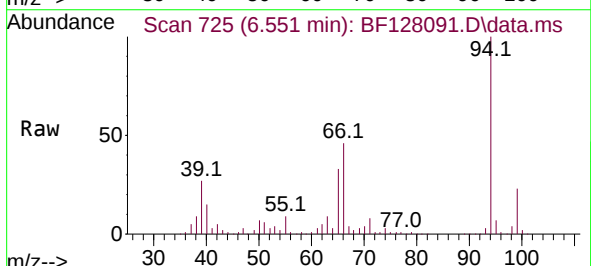
Tgt Ion: 94 Resp: 365554

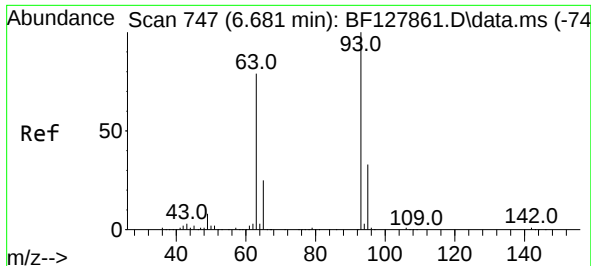
Ion Ratio Lower Upper

94 100

65 33.1 10.6 50.6

66 46.3 22.6 62.6

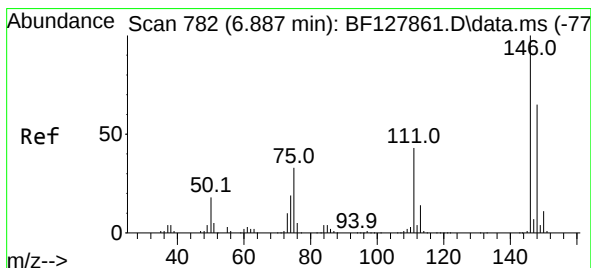
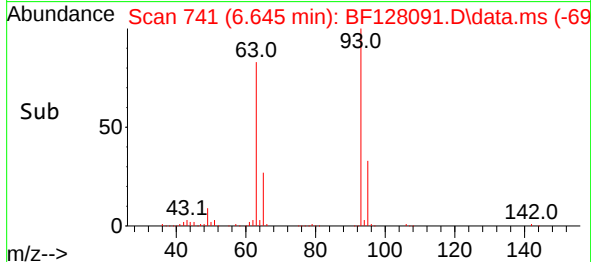
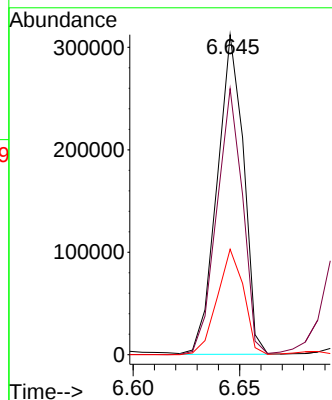
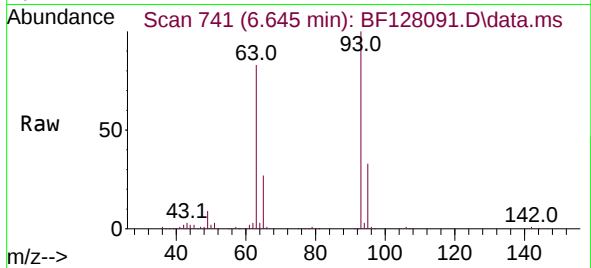




#11  
bis(2-Chloroethyl)ether  
Concen: 40.221 ng  
RT: 6.645 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

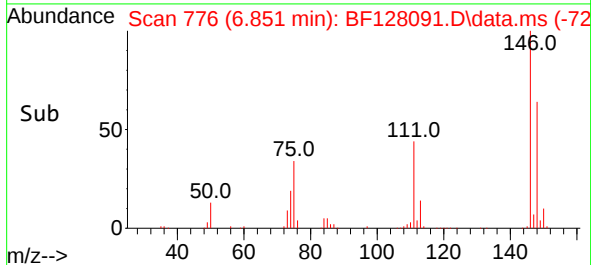
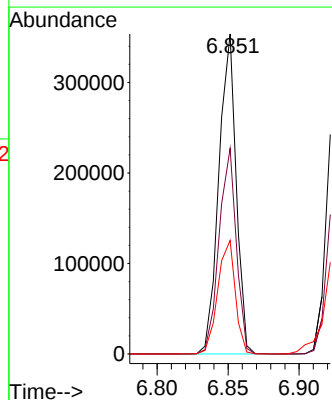
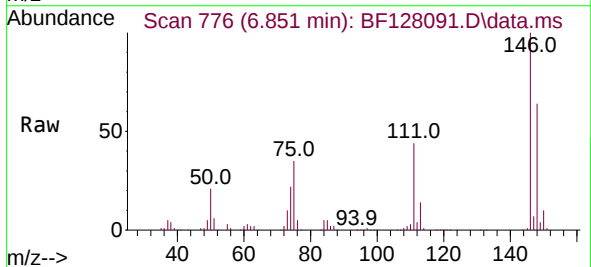
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

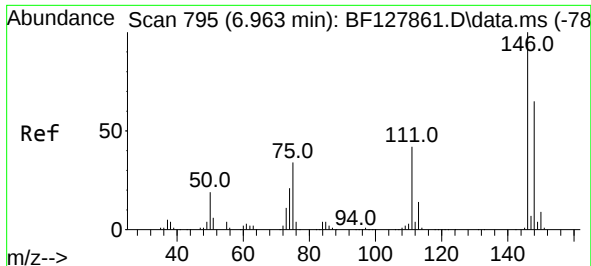
Tgt Ion: 93 Resp: 269095  
Ion Ratio Lower Upper  
93 100  
63 83.1 58.6 98.6  
95 32.9 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 40.580 ng  
RT: 6.851 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion: 146 Resp: 298781  
Ion Ratio Lower Upper  
146 100  
148 64.3 52.1 78.1  
75 35.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.955 ng

RT: 6.928 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

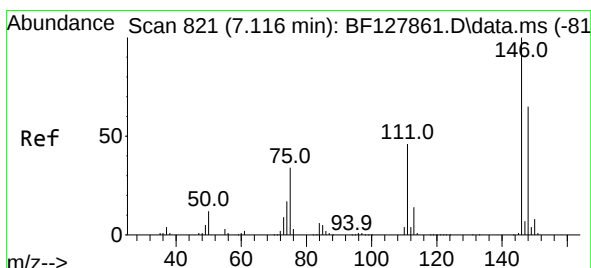
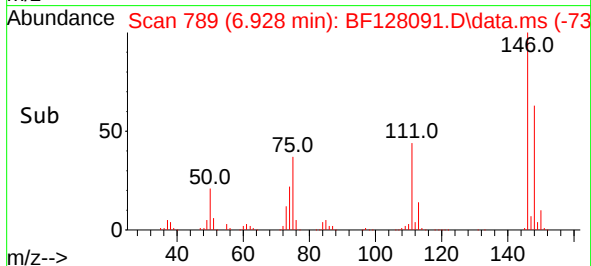
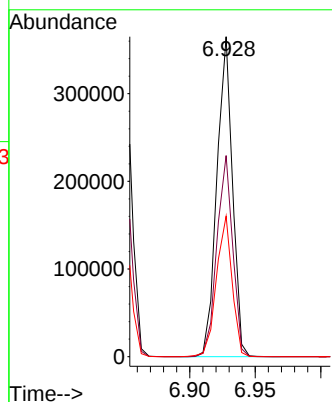
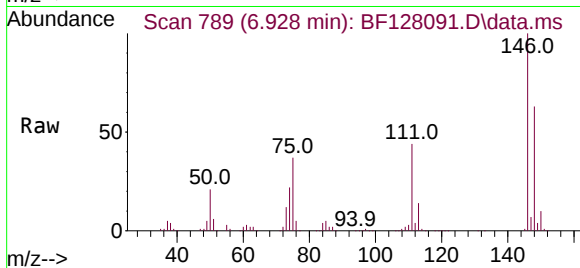
Tgt Ion:146 Resp: 300986

Ion Ratio Lower Upper

146 100

148 62.8 52.3 78.5

111 43.9 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.297 ng

RT: 7.081 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

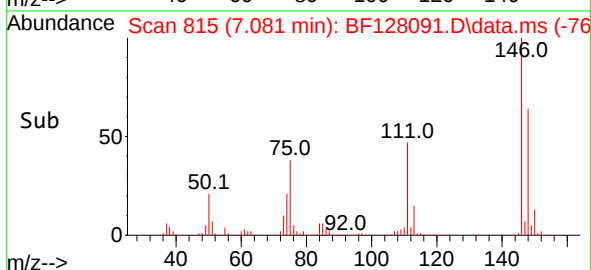
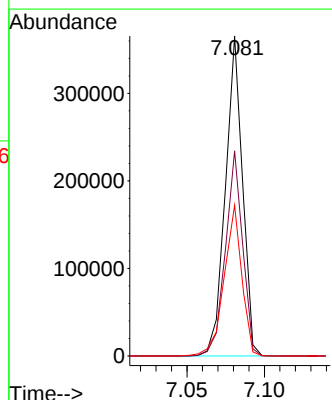
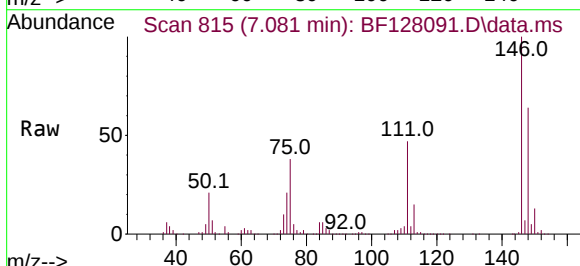
Tgt Ion:146 Resp: 280964

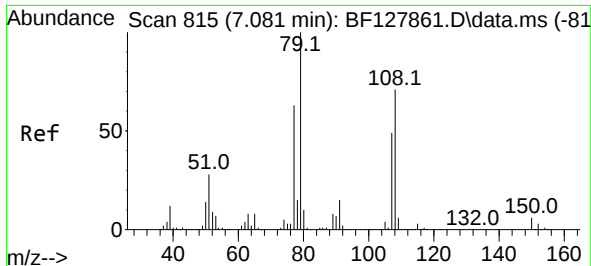
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 47.1 36.6 55.0

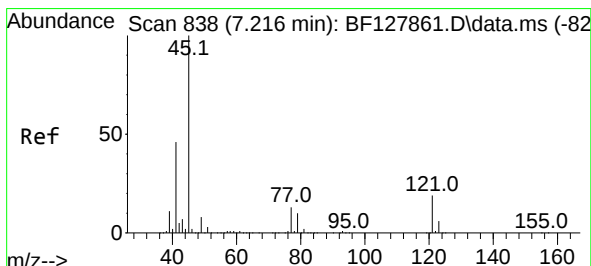
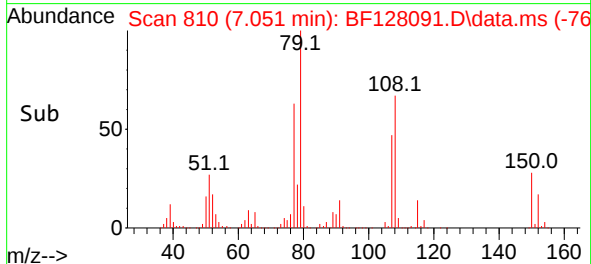
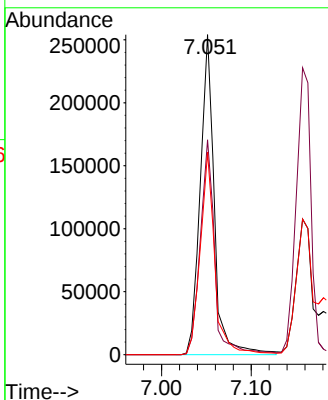
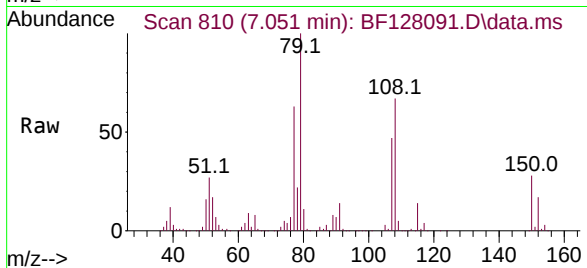




#15  
Benzyl Alcohol  
Concen: 50.914 ng  
RT: 7.051 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

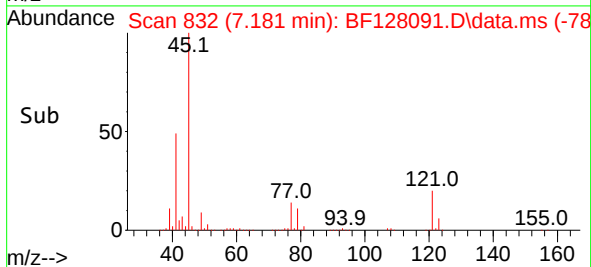
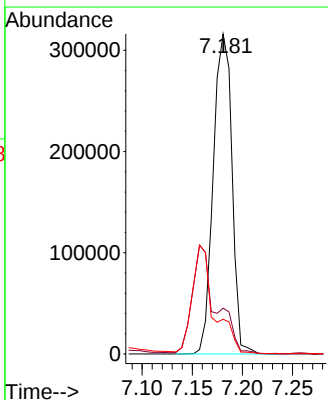
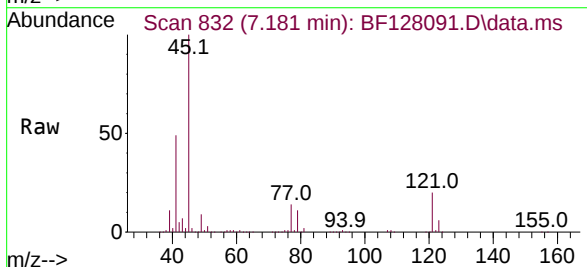
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

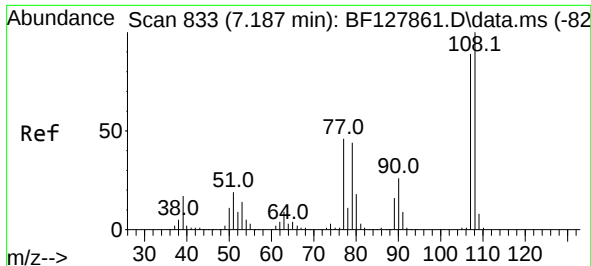
Tgt Ion: 79 Resp: 276874  
Ion Ratio Lower Upper  
79 100  
108 67.2 57.0 85.6  
77 63.2 50.2 75.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.013 ng  
RT: 7.181 min Scan# 832  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion: 45 Resp: 409154  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 34.9  
79 10.9 0.0 31.6

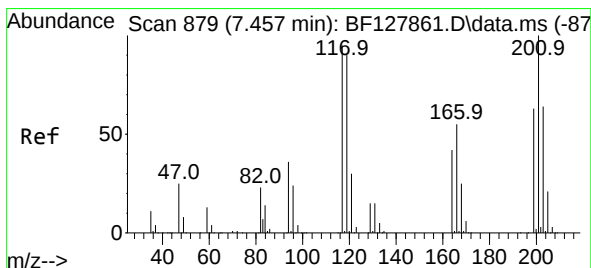
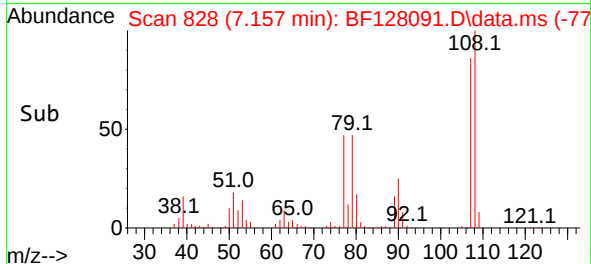
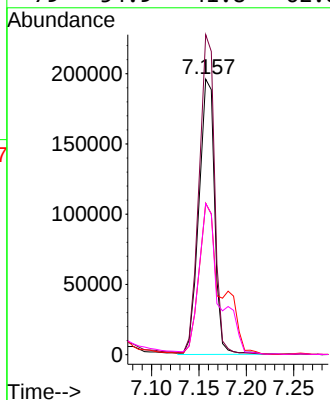
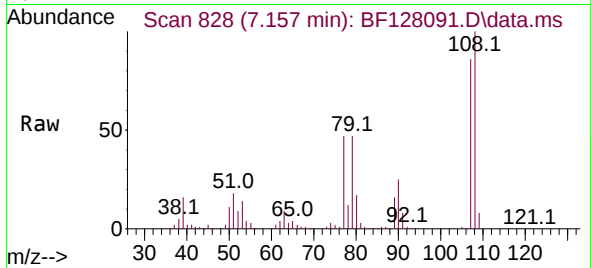




#17  
2-Methylphenol  
Concen: 41.111 ng  
RT: 7.157 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

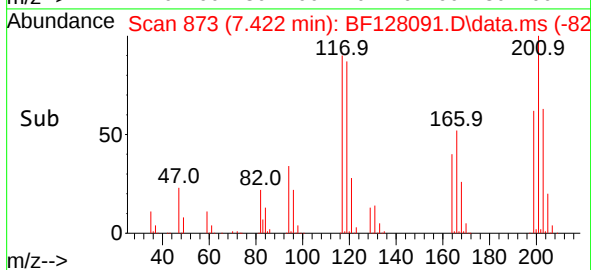
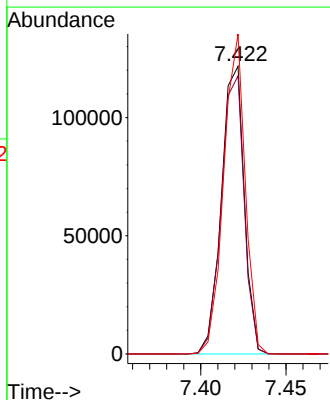
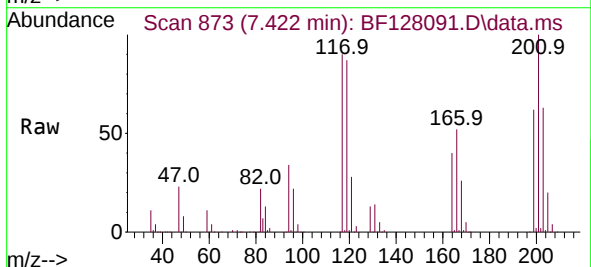
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

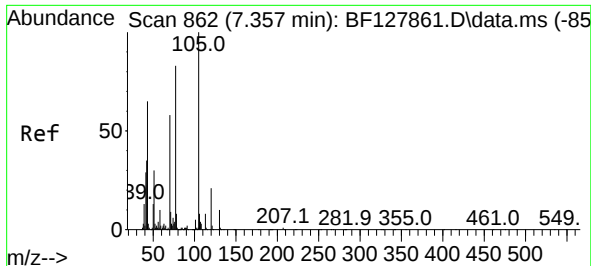
Tgt Ion:107 Resp: 226886  
Ion Ratio Lower Upper  
107 100  
108 116.2 90.2 135.2  
77 54.9 41.9 62.9  
79 54.9 41.8 62.8



#18  
Hexachloroethane  
Concen: 42.102 ng  
RT: 7.422 min Scan# 873  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:117 Resp: 113754  
Ion Ratio Lower Upper  
117 100  
119 96.7 76.2 114.4  
201 111.2 84.4 126.6

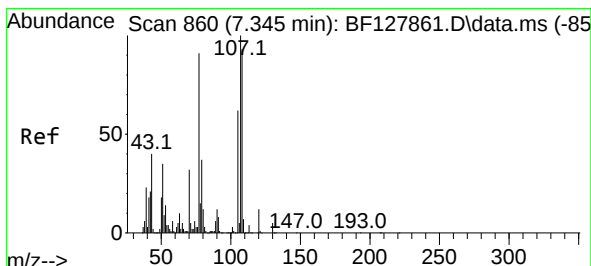
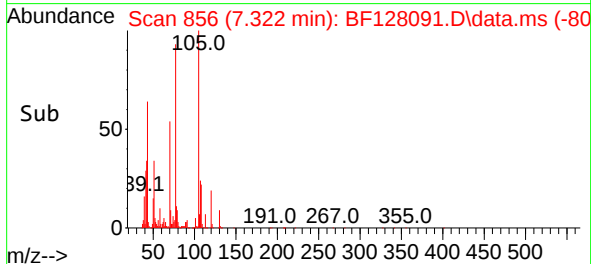
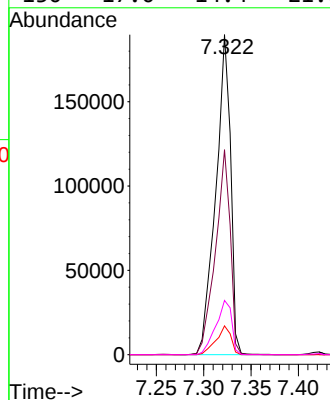
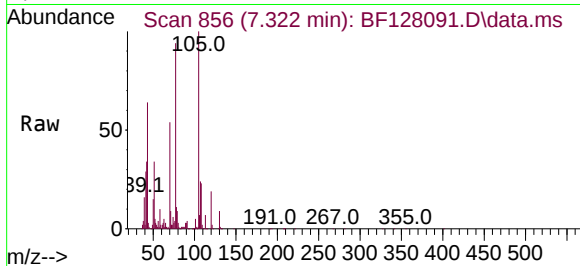




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.205 ng  
RT: 7.322 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

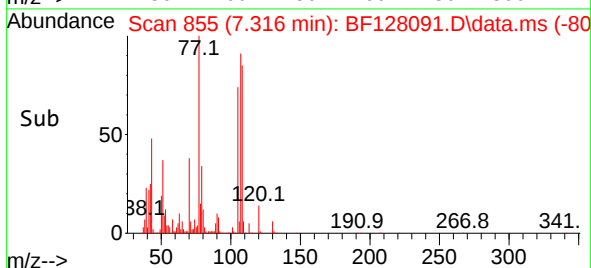
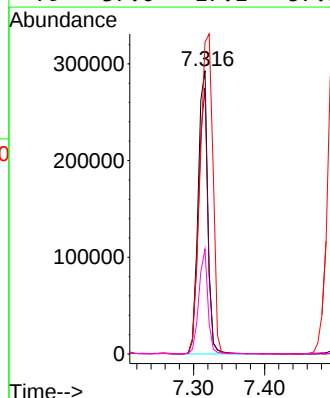
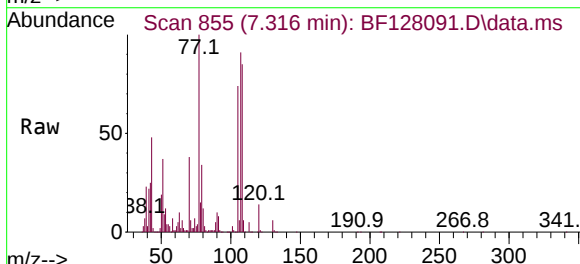
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

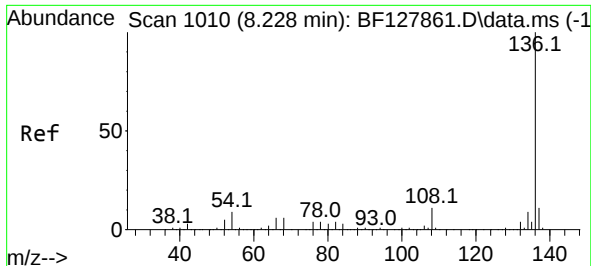
Tgt Ion: 70 Resp: 206602  
Ion Ratio Lower Upper  
70 100  
42 64.1 48.7 73.1  
101 9.0 7.2 10.8  
130 17.0 14.4 21.6



#20  
3+4-Methylphenols  
Concen: 41.835 ng  
RT: 7.316 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:107 Resp: 278907  
Ion Ratio Lower Upper  
107 100  
108 93.9 73.4 113.4  
77 110.0 71.1 111.1  
79 37.0 17.1 57.1

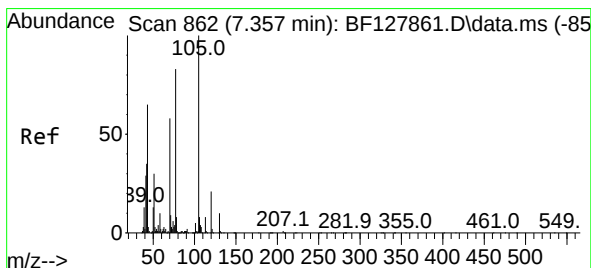
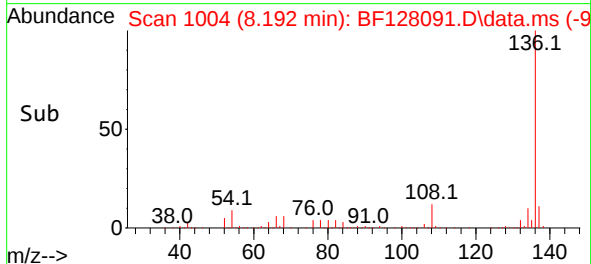
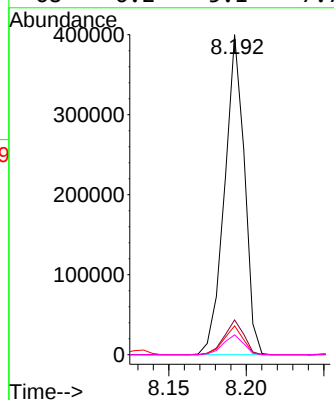
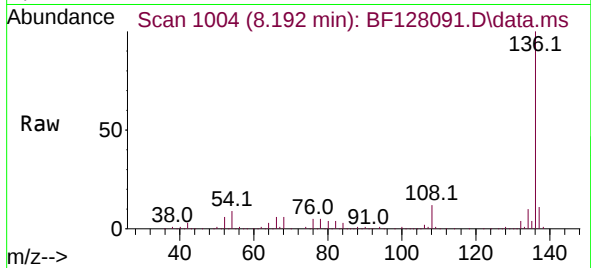




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

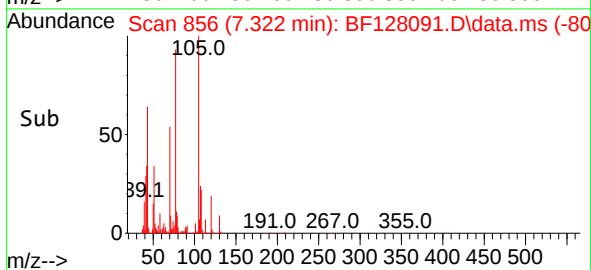
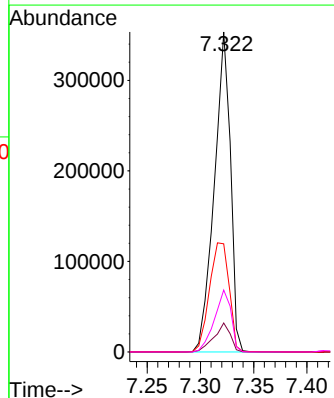
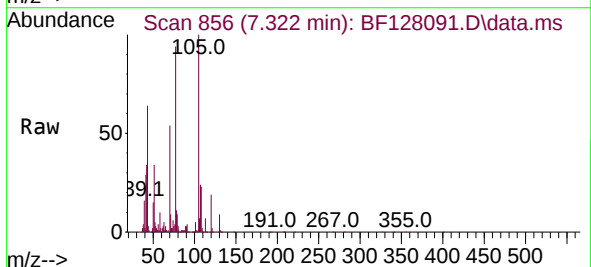
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

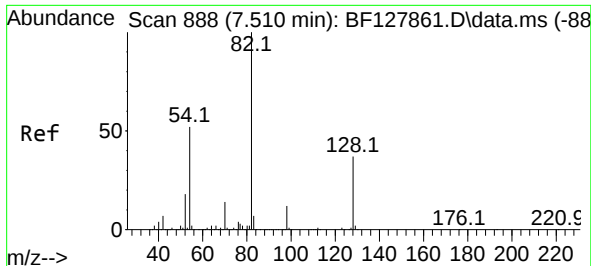
Tgt Ion:136 Resp: 355522  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 9.0 6.8 10.2  
68 6.2 5.1 7.7



#22  
Acetophenone  
Concen: 42.837 ng  
RT: 7.322 min Scan# 856  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:105 Resp: 371193  
Ion Ratio Lower Upper  
105 100  
71 9.1 7.3 10.9  
51 33.8 23.7 35.5  
120 19.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.815 ng

RT: 7.481 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

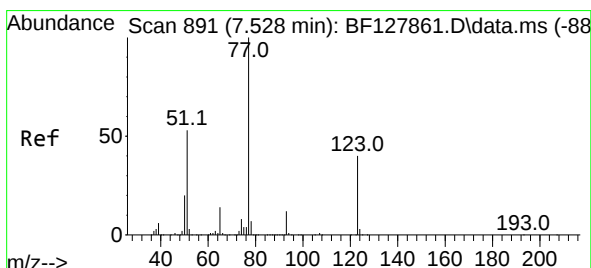
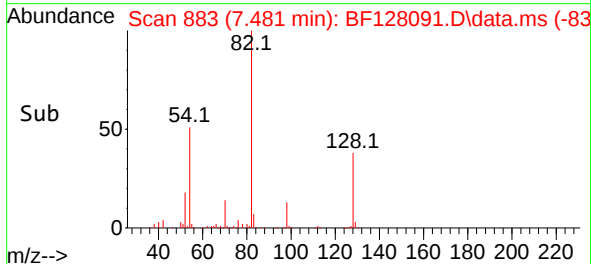
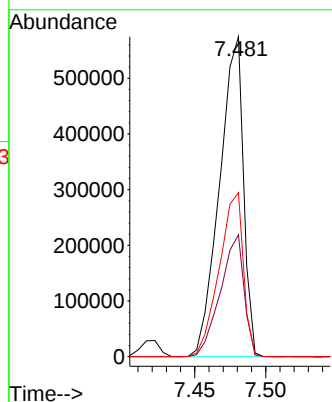
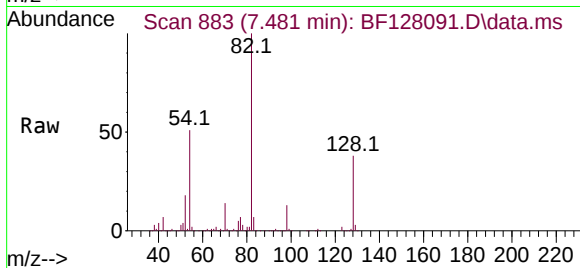
Tgt Ion: 82 Resp: 671480

Ion Ratio Lower Upper

82 100

128 38.1 30.0 45.0

54 51.3 41.3 61.9



#24

Nitrobenzene

Concen: 43.334 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

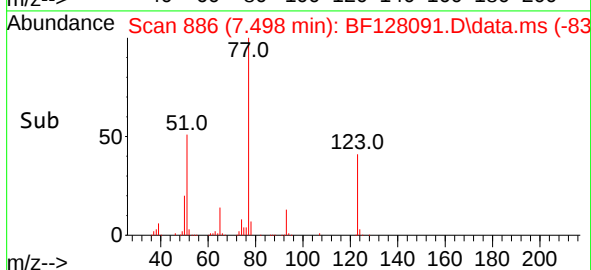
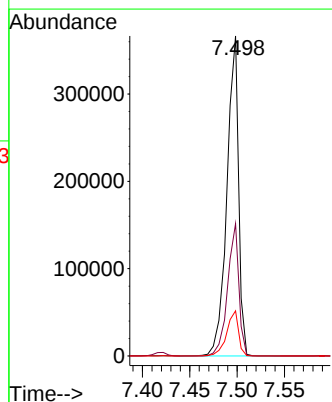
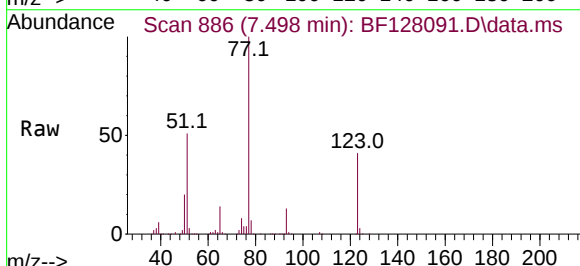
Tgt Ion: 77 Resp: 315700

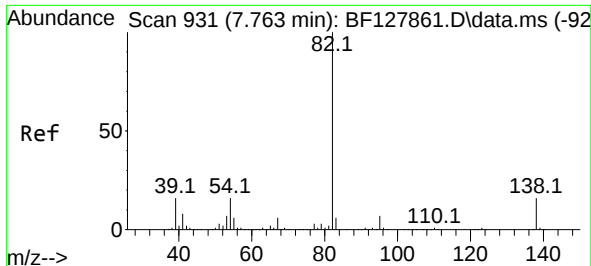
Ion Ratio Lower Upper

77 100

123 41.3 32.0 48.0

65 14.1 11.0 16.6

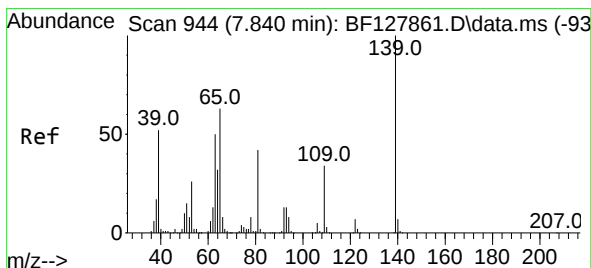
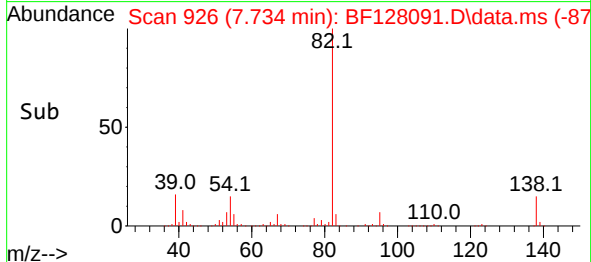
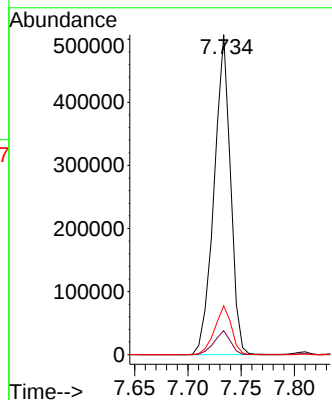
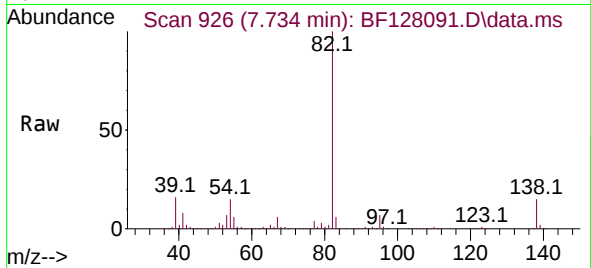




#25  
Isophorone  
Concen: 42.792 ng  
RT: 7.734 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

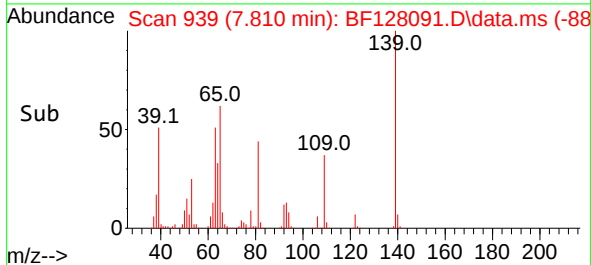
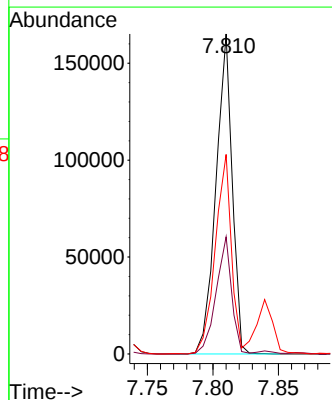
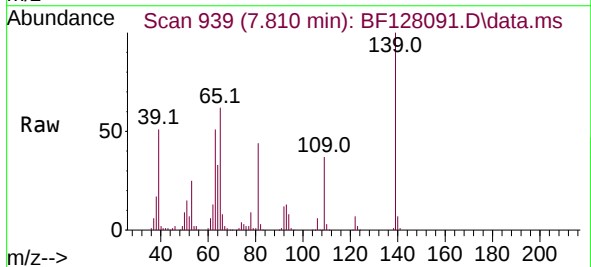
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

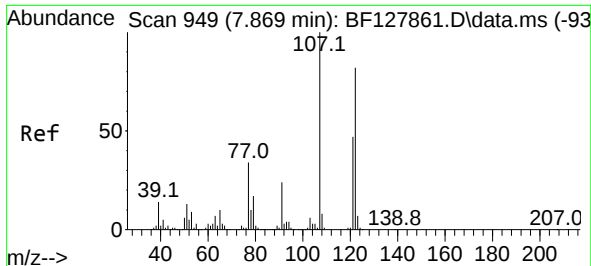
Tgt Ion: 82 Resp: 544511  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.6 8.4  
138 15.2 12.5 18.7



#26  
2-Nitrophenol  
Concen: 45.803 ng  
RT: 7.810 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:139 Resp: 142192  
Ion Ratio Lower Upper  
139 100  
109 36.6 27.4 41.2  
65 62.3 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 42.135 ng

RT: 7.840 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

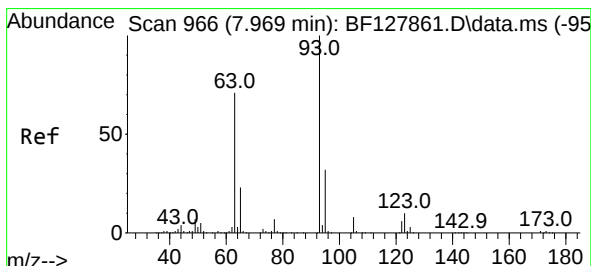
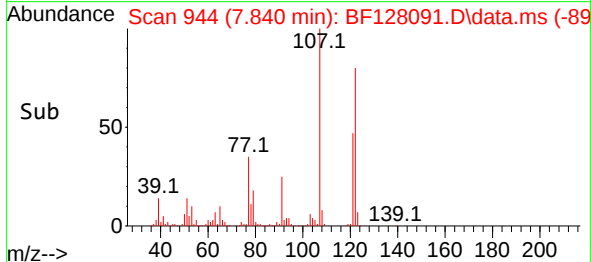
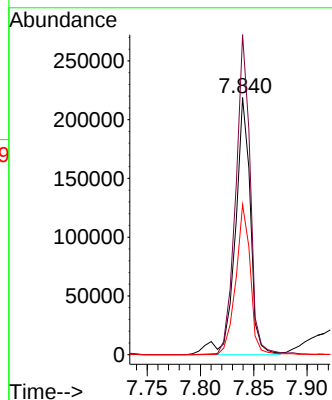
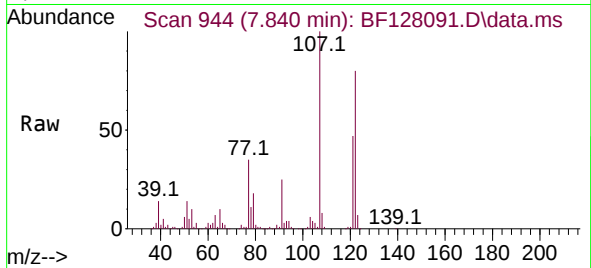
Tgt Ion:122 Resp: 217265

Ion Ratio Lower Upper

122 100

107 124.5 97.5 146.3

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.726 ng

RT: 7.939 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

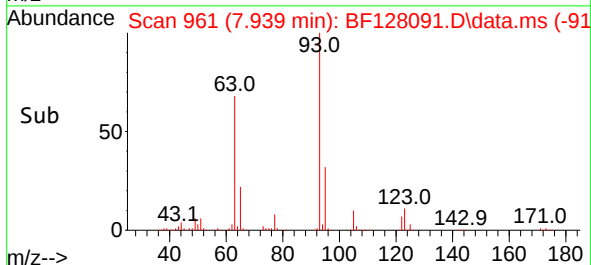
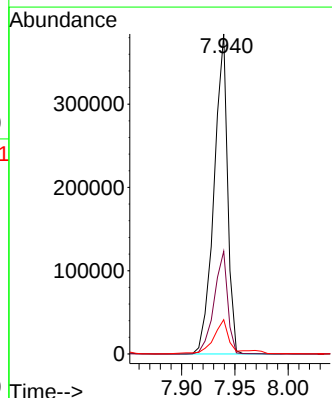
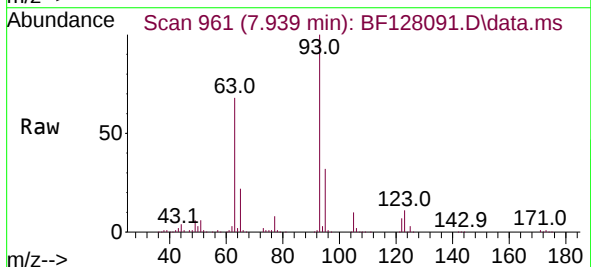
Tgt Ion: 93 Resp: 340271

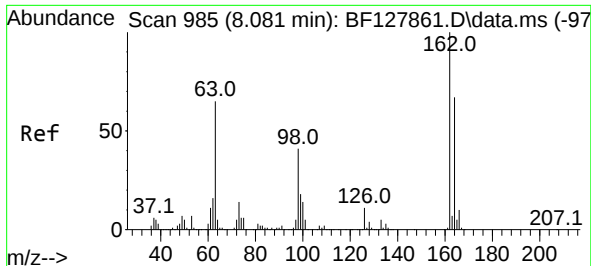
Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 10.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.801 ng

RT: 8.051 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

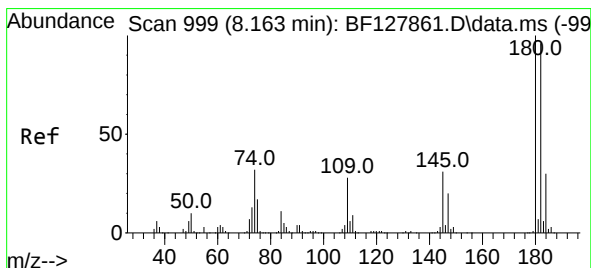
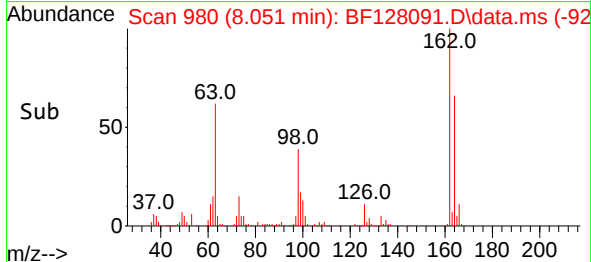
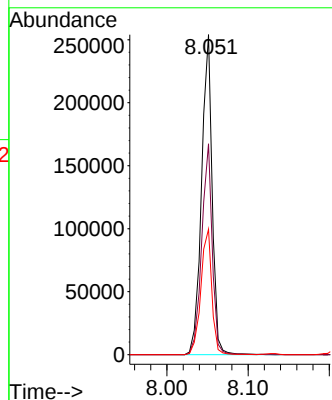
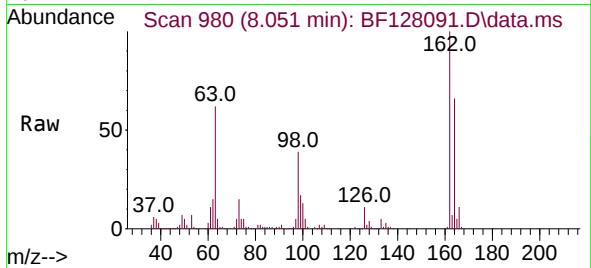
Tgt Ion:162 Resp: 231210

Ion Ratio Lower Upper

162 100

164 65.9 47.1 87.1

98 39.2 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 41.913 ng

RT: 8.134 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

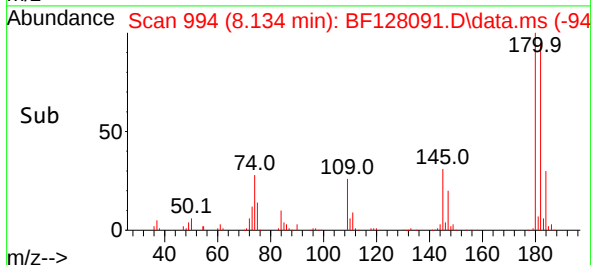
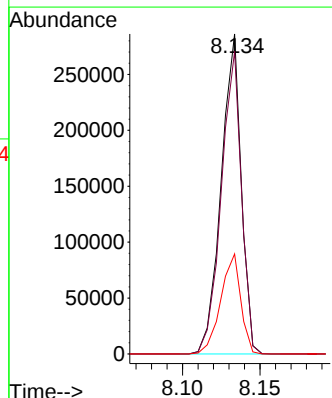
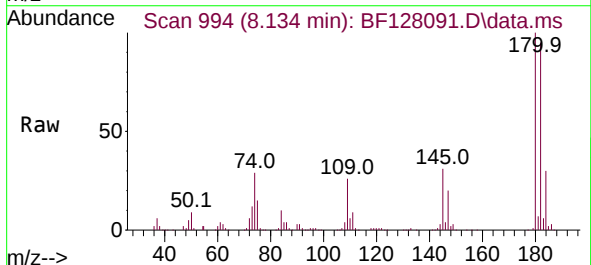
Tgt Ion:180 Resp: 257191

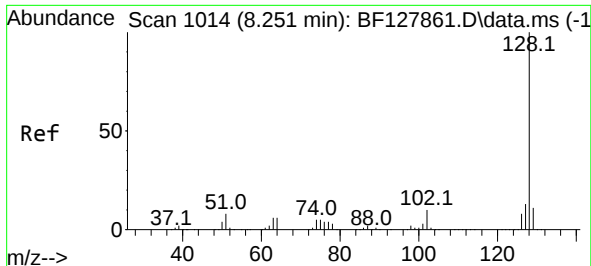
Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 31.3 25.1 37.7

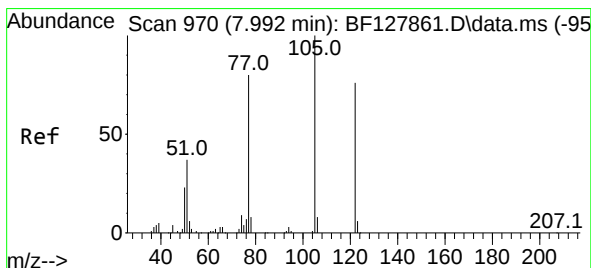
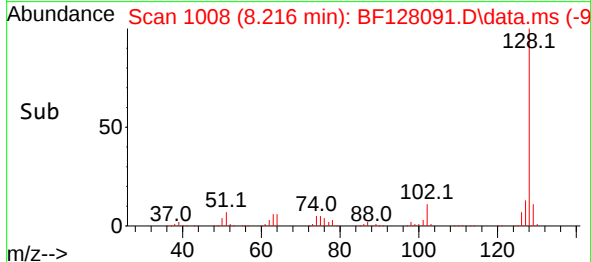
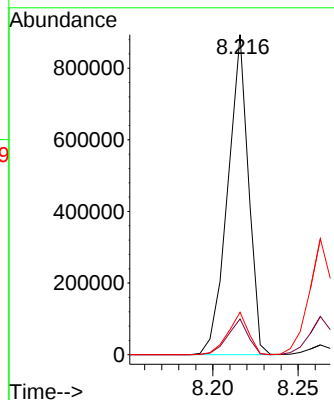
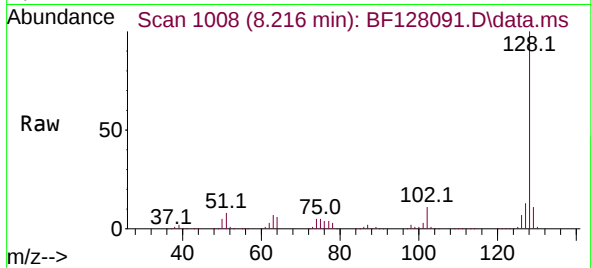




#31  
Naphthalene  
Concen: 41.667 ng  
RT: 8.216 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

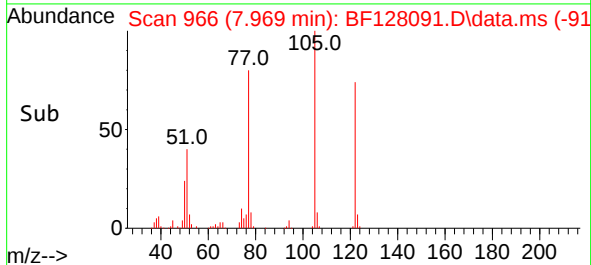
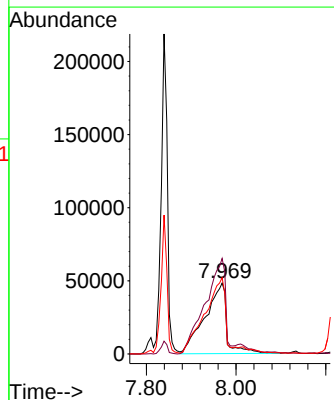
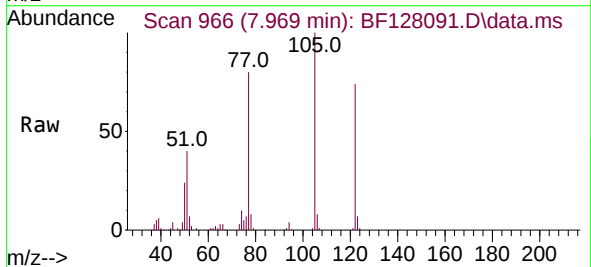
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

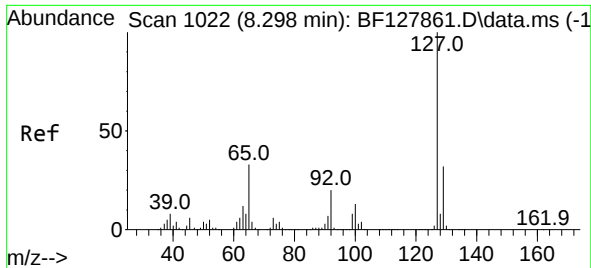
Tgt Ion:128 Resp: 754473  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 44.120 ng  
RT: 7.969 min Scan# 966  
Delta R.T. -0.018 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:122 Resp: 163064  
Ion Ratio Lower Upper  
122 100  
105 135.0 107.9 147.9  
77 107.8 82.5 122.5

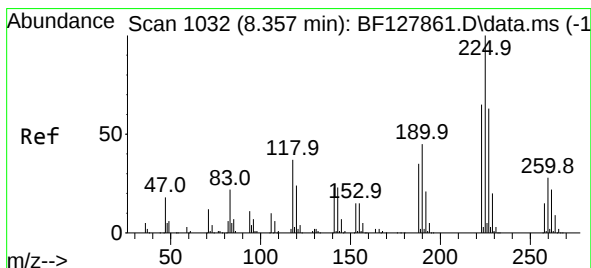
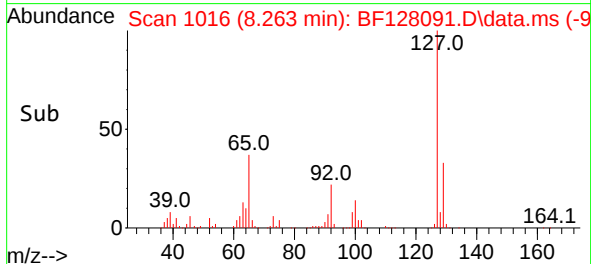
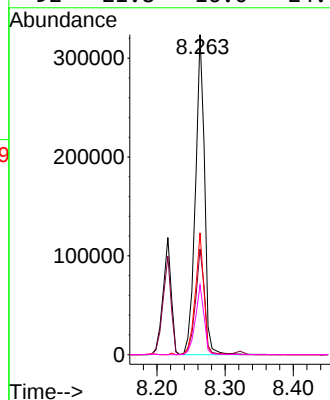
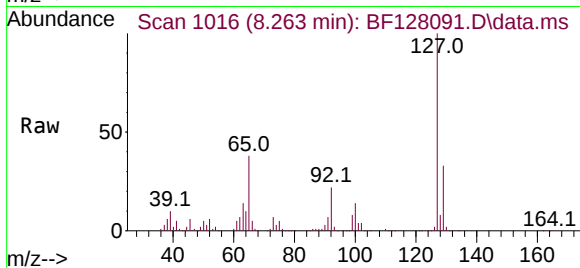




#33  
4-Chloroaniline  
Concen: 41.923 ng  
RT: 8.263 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

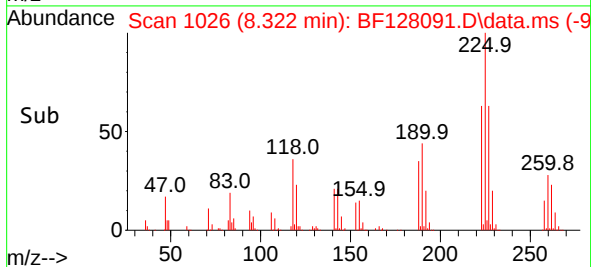
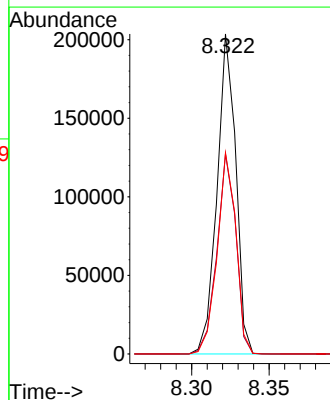
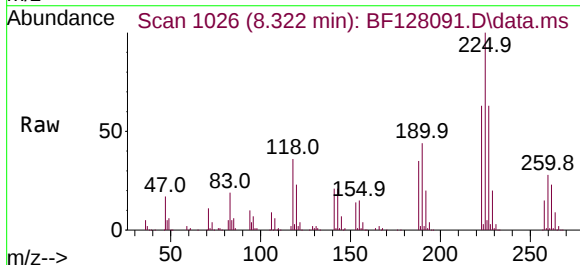
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

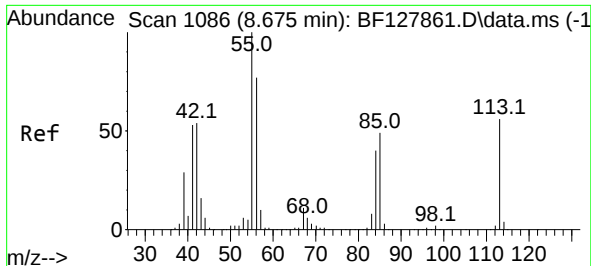
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 300355 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 33.0  | 25.8  | 38.8   |
| 65        | 38.1  | 26.7  | 40.1   |
| 92        | 21.8  | 16.0  | 24.0   |



#34  
Hexachlorobutadiene  
Concen: 44.272 ng  
RT: 8.322 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 171118 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.5  | 52.0  | 78.0   |
| 227       | 62.9  | 50.7  | 76.1   |

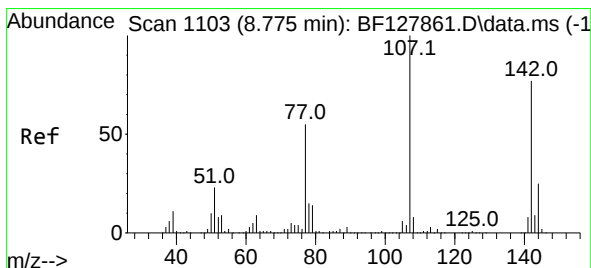
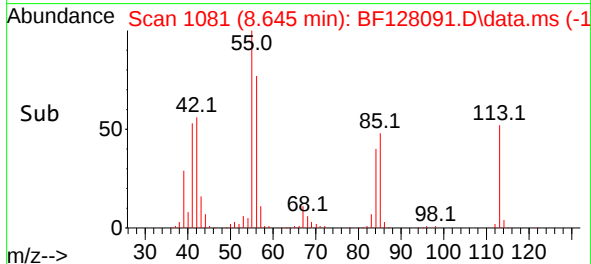
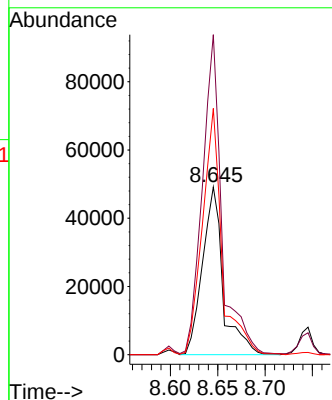
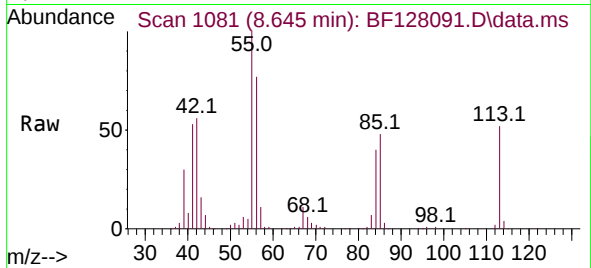




#35  
 Caprolactam  
 Concen: 42.565 ng  
 RT: 8.645 min Scan# 1086  
 Delta R.T. -0.012 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

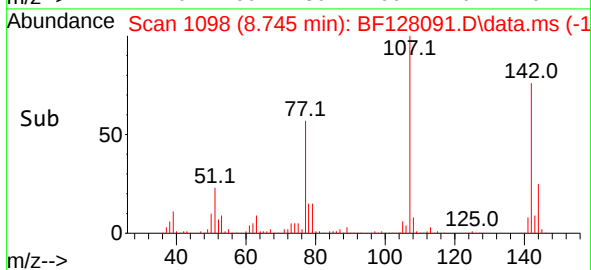
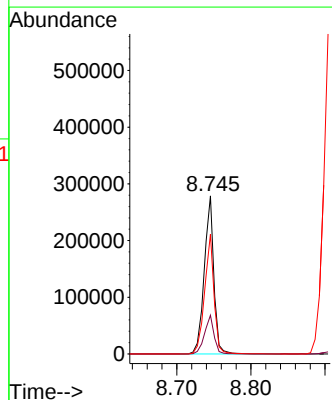
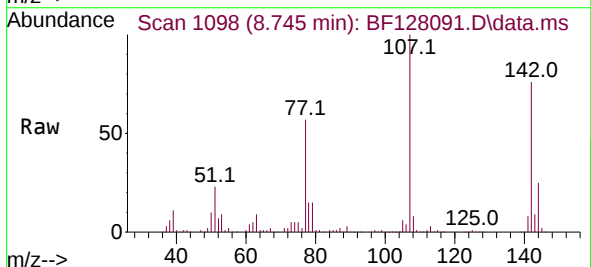
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

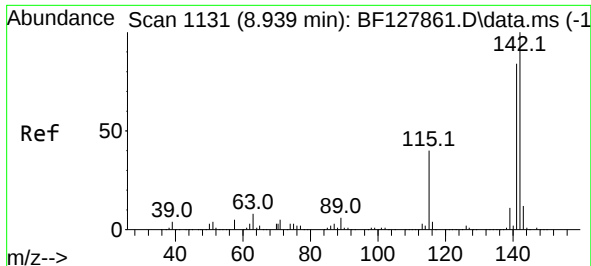
Tgt Ion:113 Resp: 74222  
 Ion Ratio Lower Upper  
 113 100  
 55 190.8 157.4 197.4  
 56 146.8 116.1 156.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.377 ng  
 RT: 8.745 min Scan# 1098  
 Delta R.T. -0.006 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

Tgt Ion:107 Resp: 250256  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 20.2 30.4  
 142 75.8 61.5 92.3





#37

2-Methylnaphthalene

Concen: 42.288 ng

RT: 8.904 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

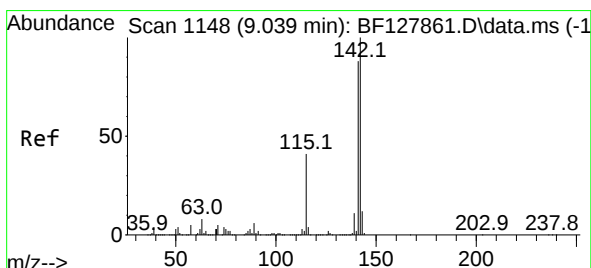
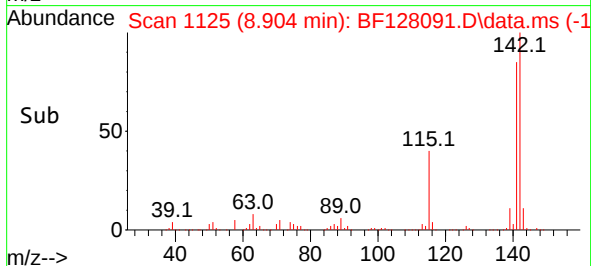
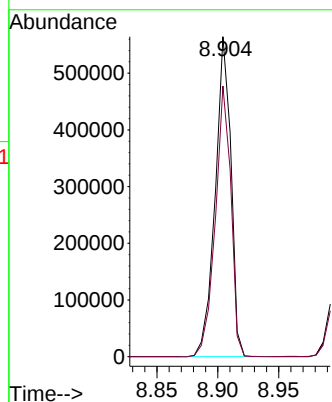
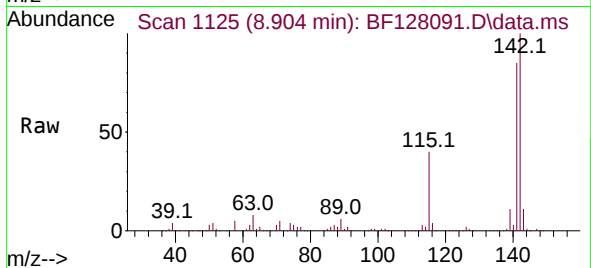
SSTDCCC040

Tgt Ion:142 Resp: 506056

Ion Ratio Lower Upper

142 100

141 84.6 67.4 101.2



#38

1-Methylnaphthalene

Concen: 42.265 ng

RT: 9.004 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF128091.D

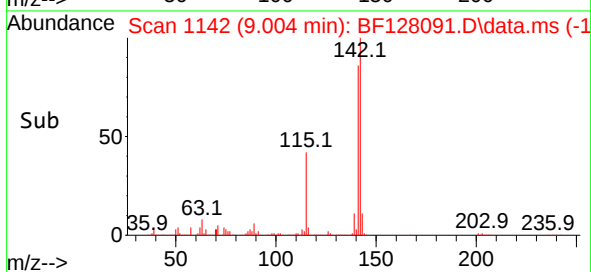
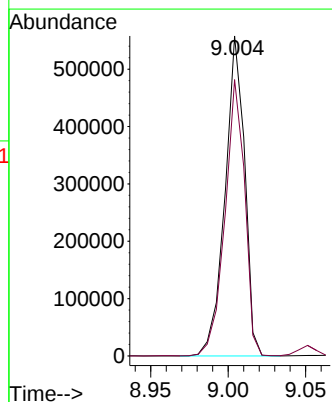
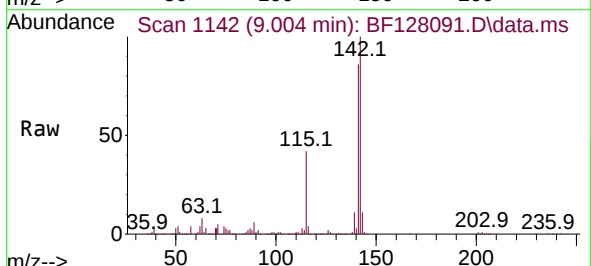
Acq: 05 May 2022 13:36

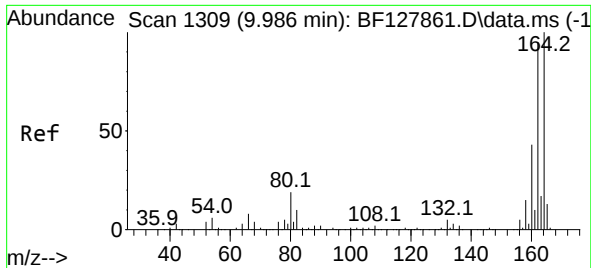
Tgt Ion:142 Resp: 491612

Ion Ratio Lower Upper

142 100

141 86.3 70.1 105.1

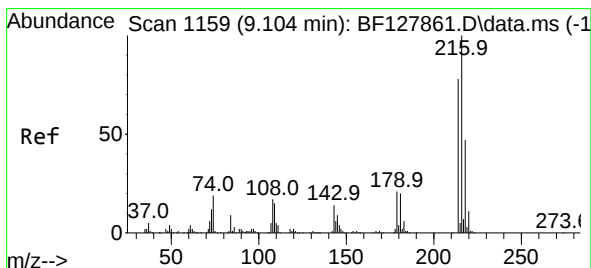
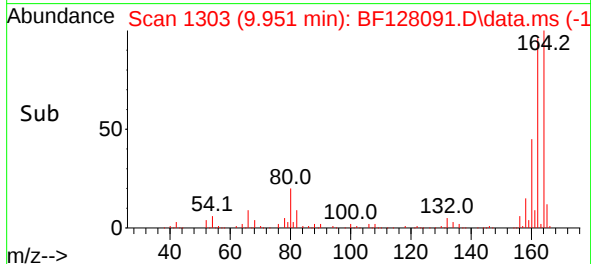
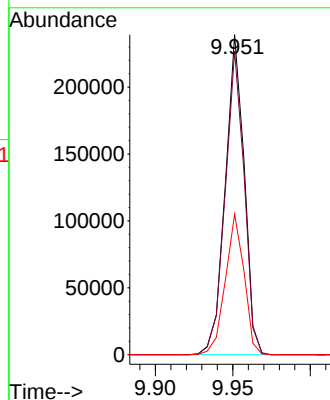
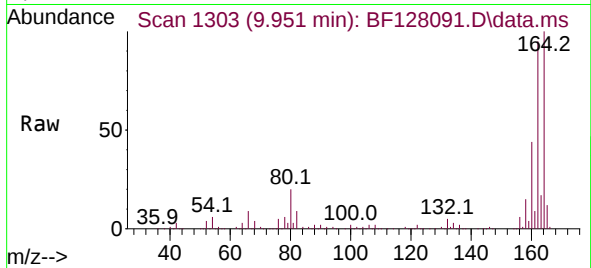




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

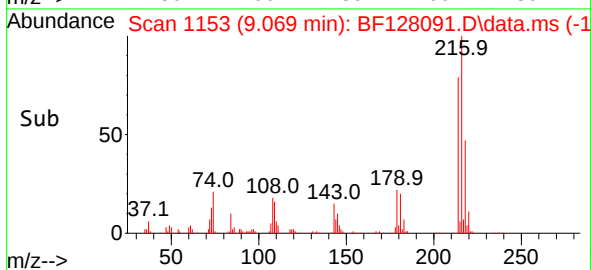
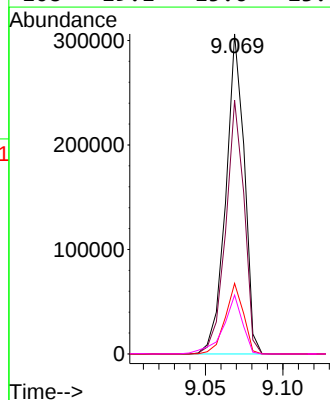
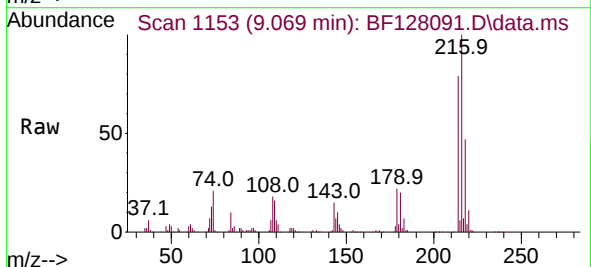
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BNA\_F  
ClientSampleId :  
SSTDCCC040

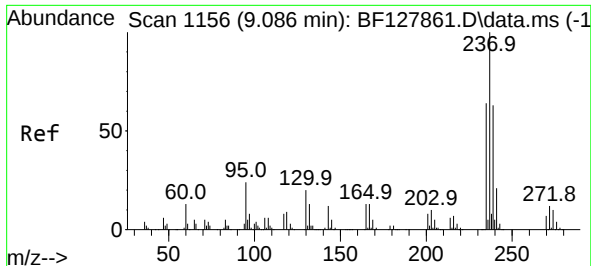
Tgt Ion:164 Resp: 202975  
Ion Ratio Lower Upper  
164 100  
162 94.9 76.0 114.0  
160 44.0 34.8 52.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.484 ng  
RT: 9.069 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:216 Resp: 254170  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.6 94.0  
179 21.6 16.9 25.3  
108 19.1 15.6 23.4

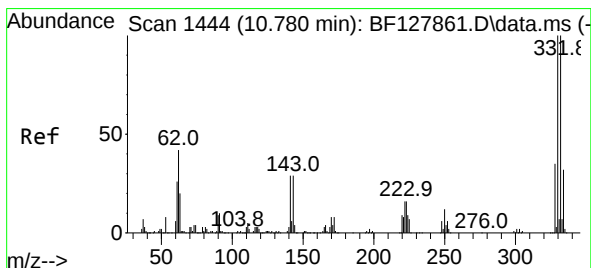
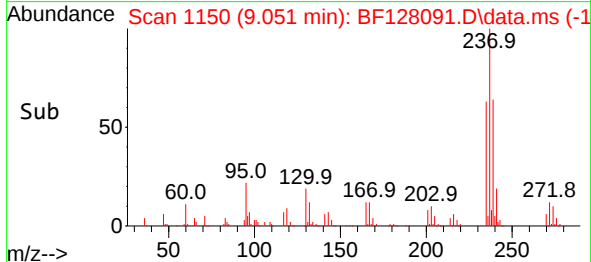
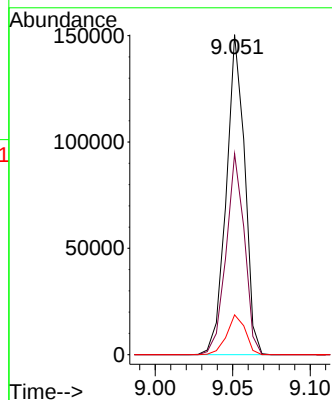
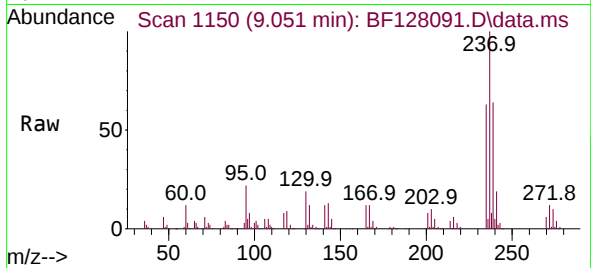




#41  
Hexachlorocyclopentadiene  
Concen: 38.370 ng  
RT: 9.051 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

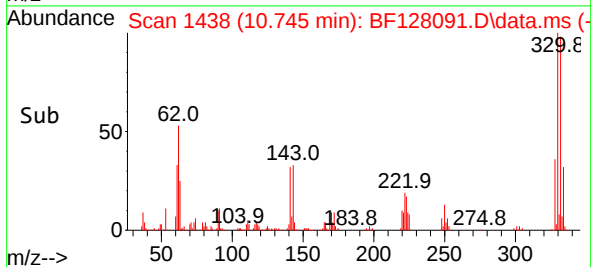
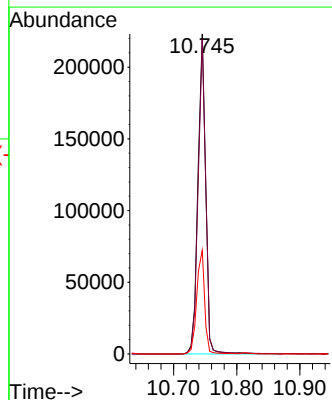
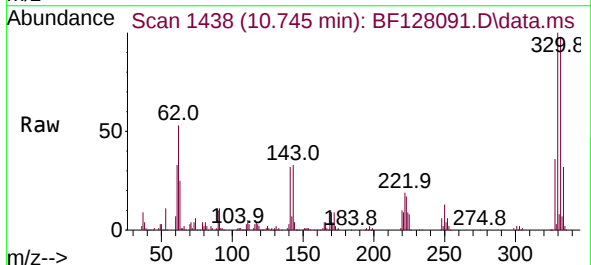
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

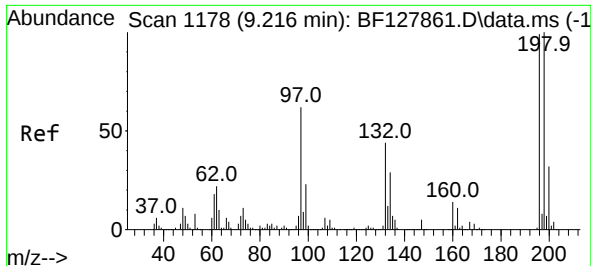
Tgt Ion:237 Resp: 124373  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.6 83.6  
272 12.5 0.0 32.1



#42  
2,4,6-Tribromophenol  
Concen: 92.535 ng  
RT: 10.745 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:330 Resp: 189075  
Ion Ratio Lower Upper  
330 100  
332 96.5 79.0 118.4  
141 33.1 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 43.356 ng

RT: 9.186 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

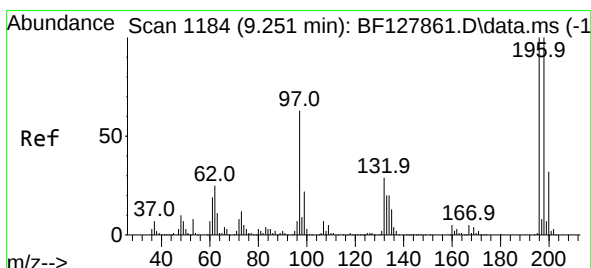
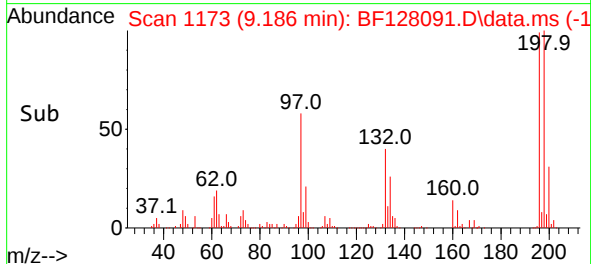
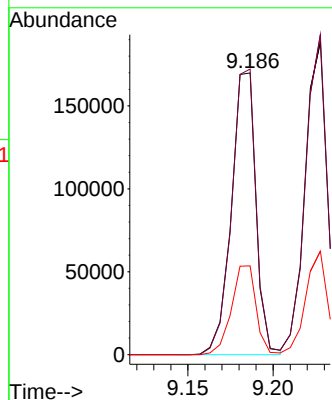
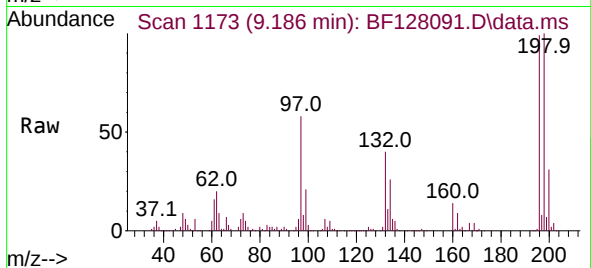
Tgt Ion:196 Resp: 170673

Ion Ratio Lower Upper

196 100

198 101.4 80.4 120.6

200 31.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 41.378 ng

RT: 9.228 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Tgt Ion:196 Resp: 177071

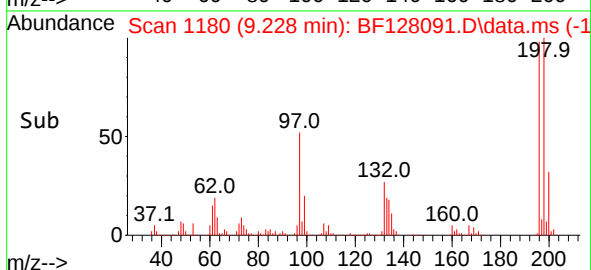
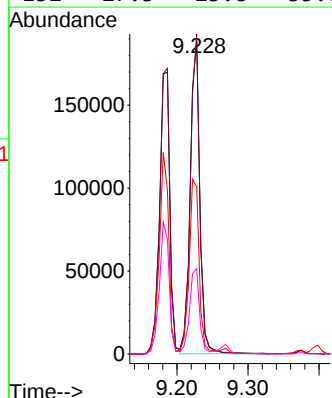
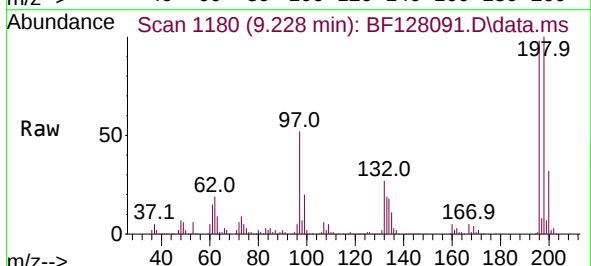
Ion Ratio Lower Upper

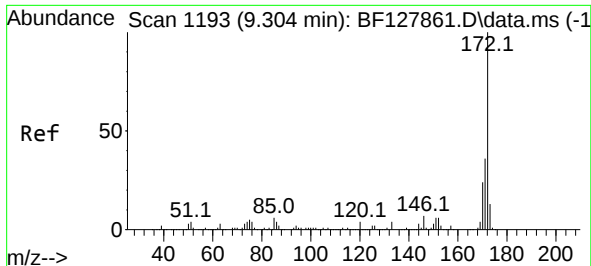
196 100

198 102.3 80.2 120.2

97 53.5 50.3 75.5

132 27.3 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 89.413 ng

RT: 9.269 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

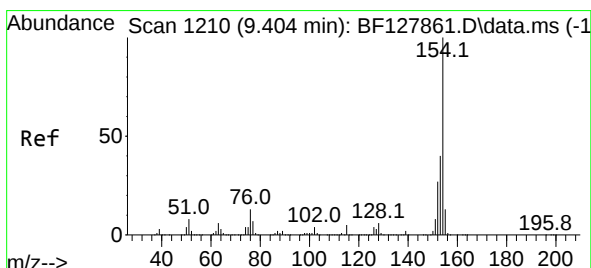
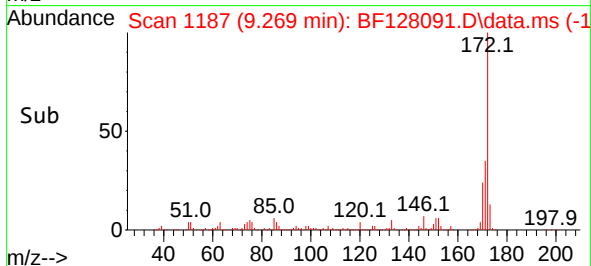
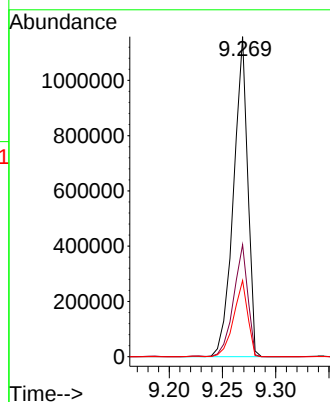
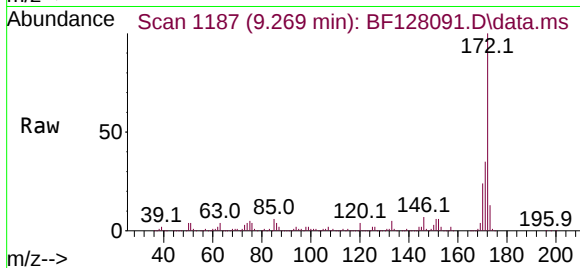
Tgt Ion:172 Resp: 1072770

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.424 ng

RT: 9.369 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

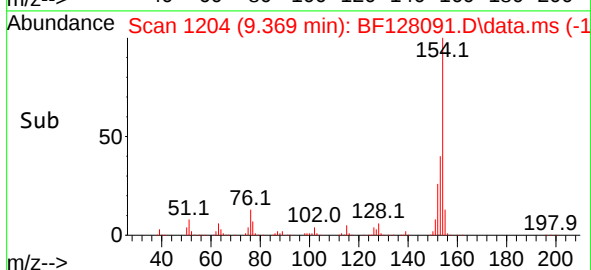
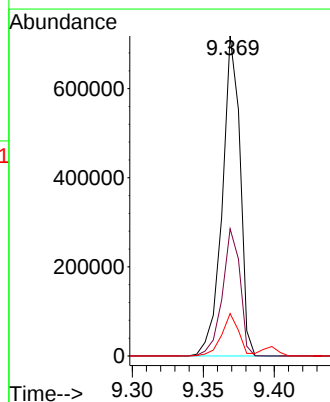
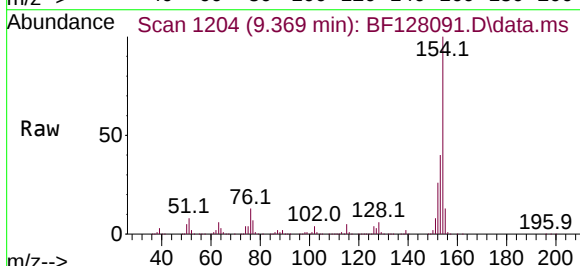
Tgt Ion:154 Resp: 622819

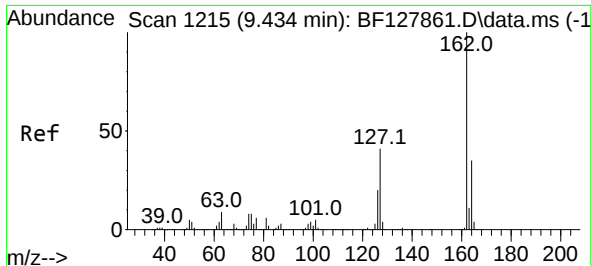
Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

76 13.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 40.752 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

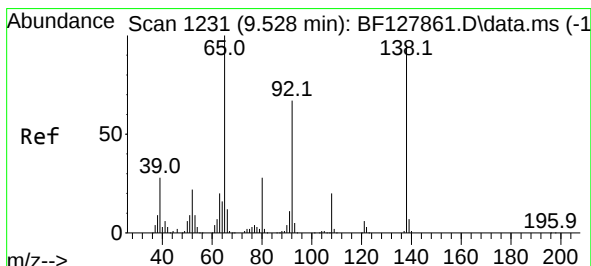
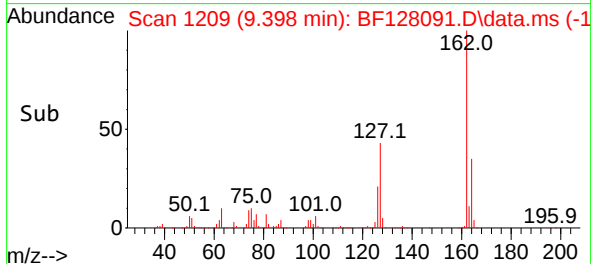
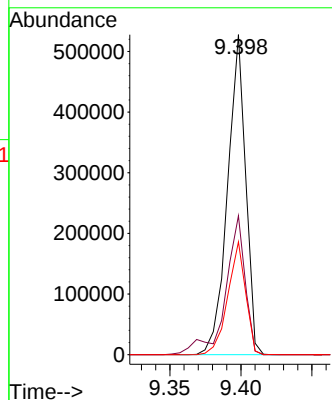
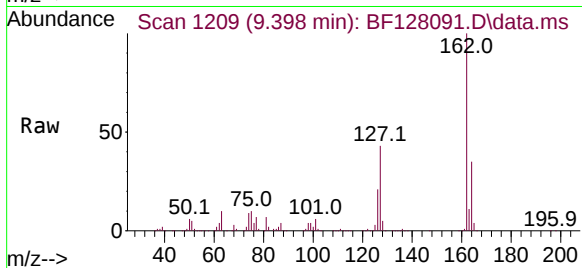
Tgt Ion:162 Resp: 466440

Ion Ratio Lower Upper

162 100

127 43.4 32.9 49.3

164 35.3 28.2 42.2



#48

2-Nitroaniline

Concen: 44.831 ng

RT: 9.498 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

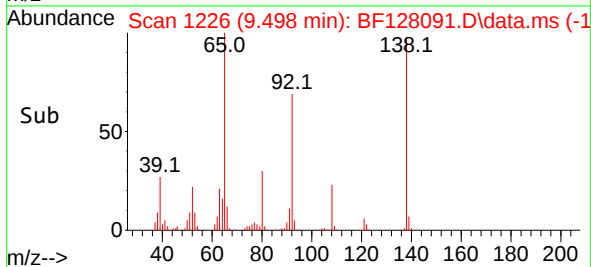
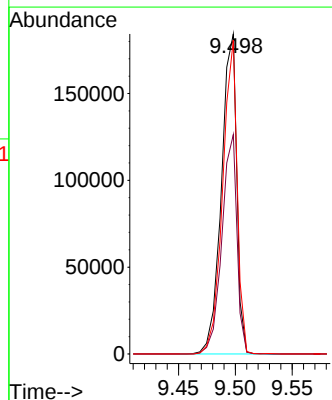
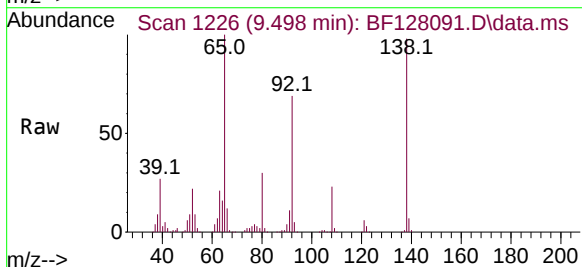
Tgt Ion: 65 Resp: 173575

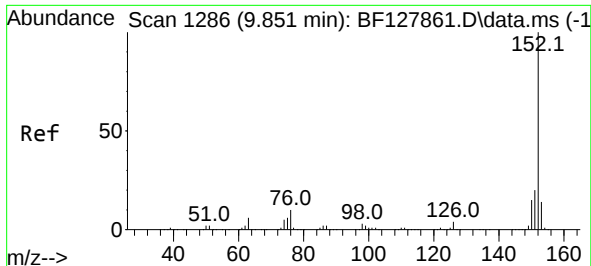
Ion Ratio Lower Upper

65 100

92 68.5 53.7 80.5

138 98.1 76.4 114.6

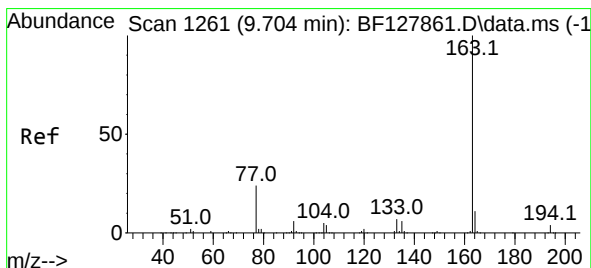
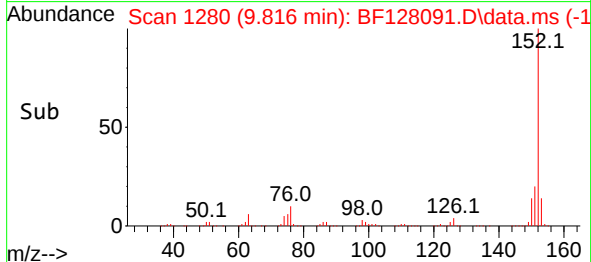
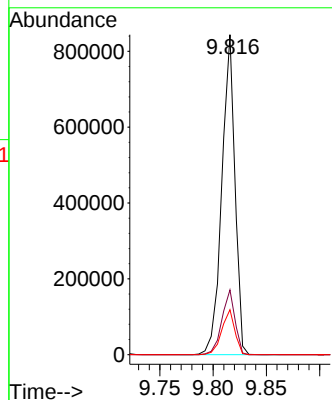
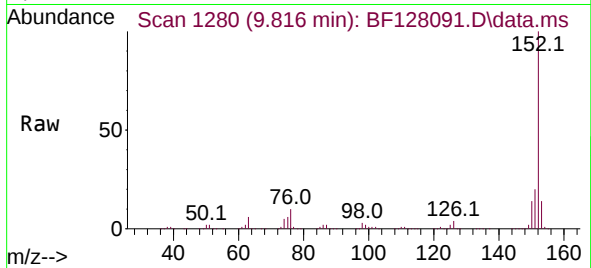




#49  
Acenaphthylene  
Concen: 41.205 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

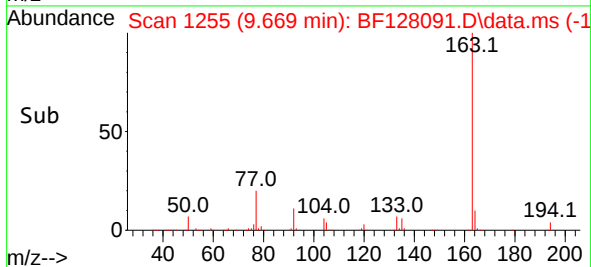
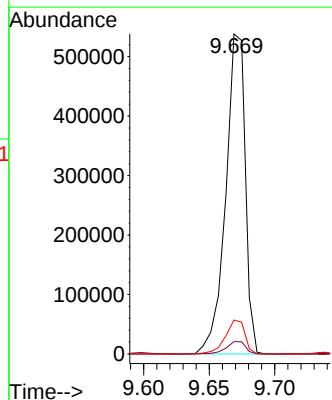
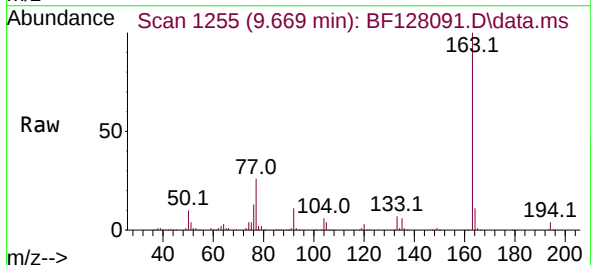
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

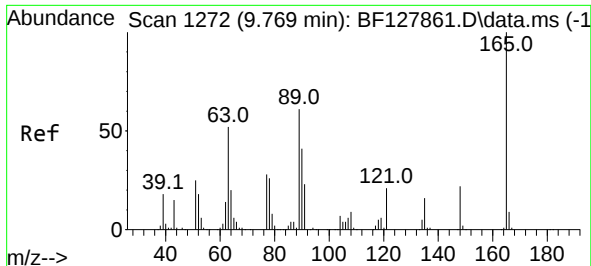
Tgt Ion:152 Resp: 721432  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2  
153 14.1 11.2 16.8



#50  
Dimethylphthalate  
Concen: 41.055 ng  
RT: 9.669 min Scan# 1255  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:163 Resp: 558861  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.6 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 42.663 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

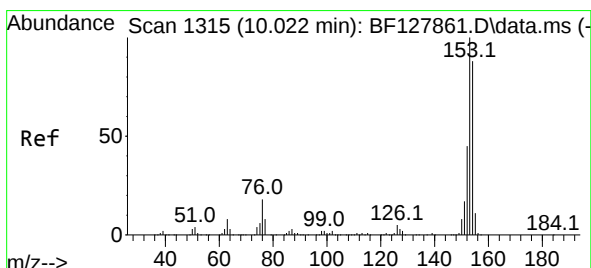
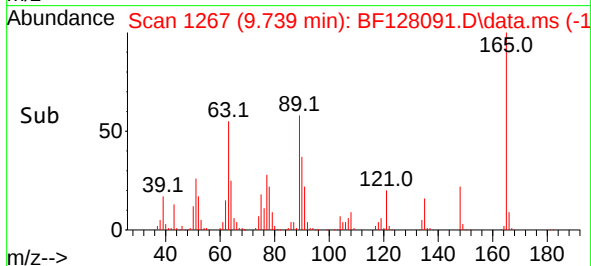
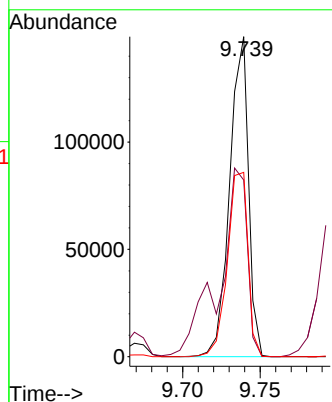
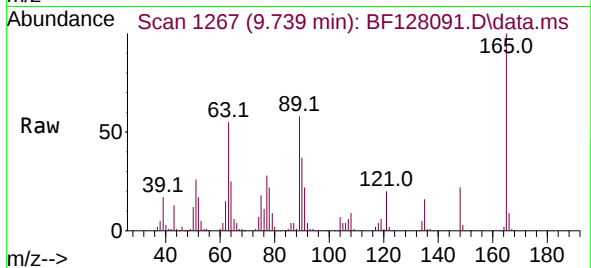
Tgt Ion:165 Resp: 125740

Ion Ratio Lower Upper

165 100

63 55.2 49.5 74.3

89 57.6 49.0 73.4



#52

Acenaphthene

Concen: 38.031 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

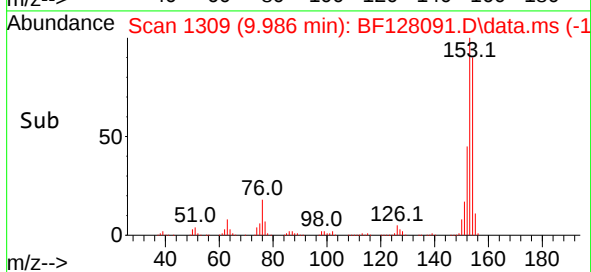
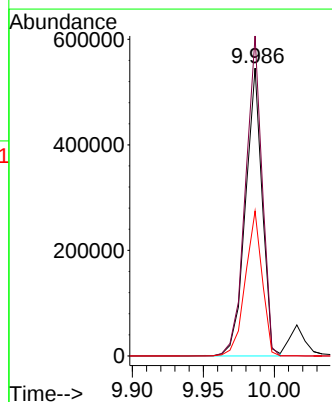
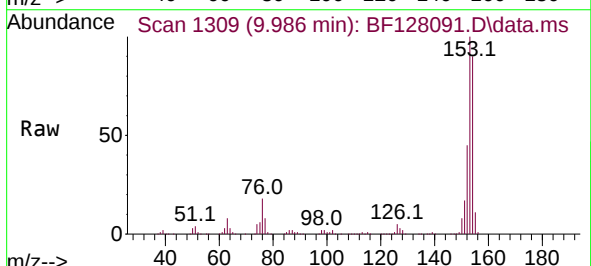
Tgt Ion:154 Resp: 447659

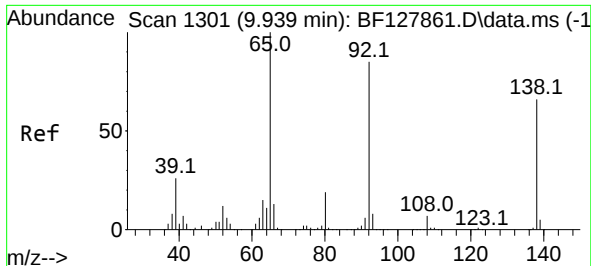
Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

152 50.3 41.0 61.6





#53  
3-Nitroaniline  
Concen: 41.702 ng  
RT: 9.910 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

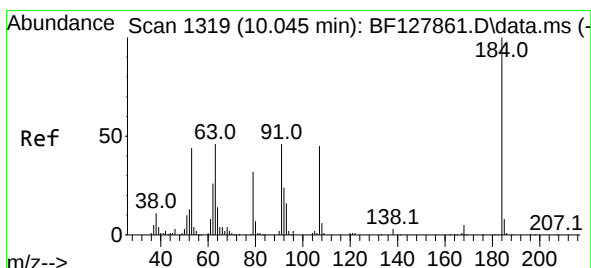
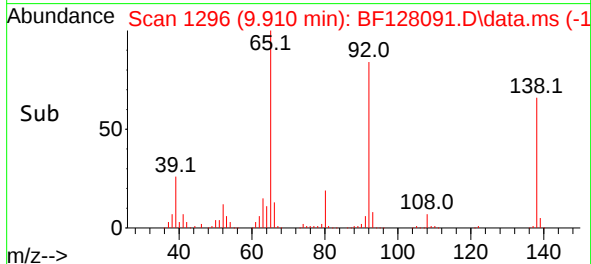
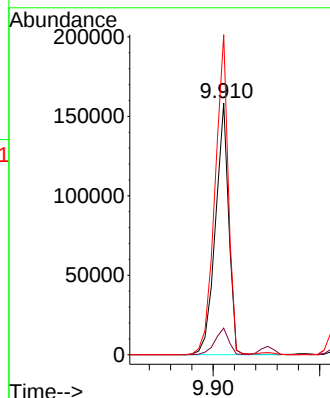
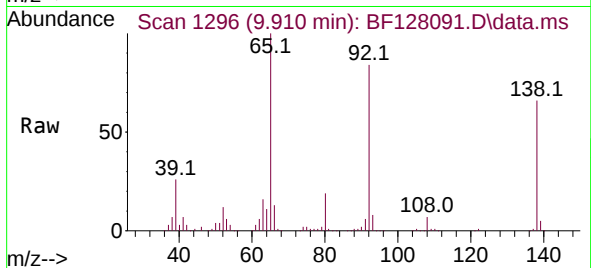
Instrument :

BNA\_F

ClientSampleId :

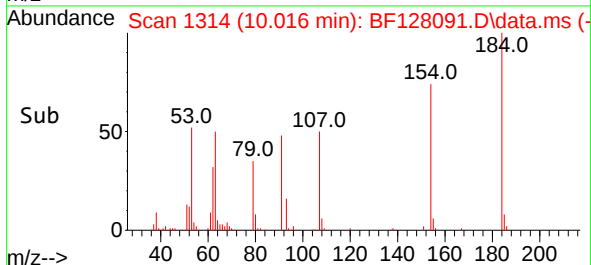
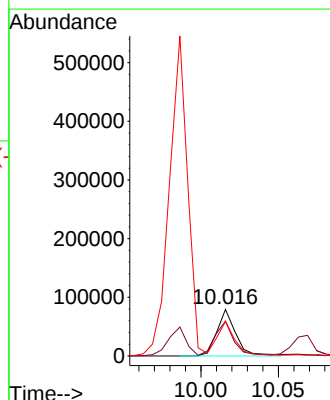
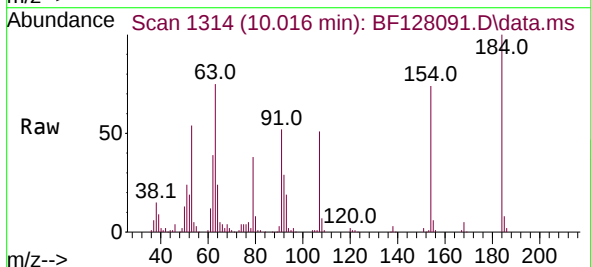
SSTDCCC040

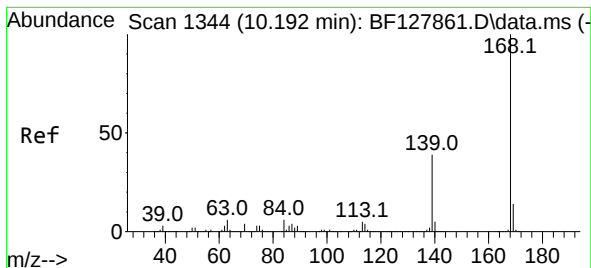
Tgt Ion:138 Resp: 136483  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.2 12.4  
92 127.2 102.7 154.1



#54  
2,4-Dinitrophenol  
Concen: 43.474 ng  
RT: 10.016 min Scan# 1314  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:184 Resp: 67478  
Ion Ratio Lower Upper  
184 100  
63 75.0 50.0 75.0#  
154 74.2 51.7 77.5





#55

Dibenzenofuran

Concen: 41.337 ng

RT: 10.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

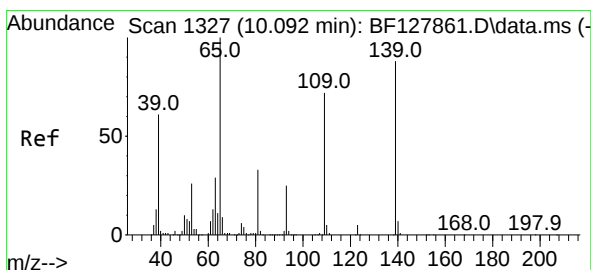
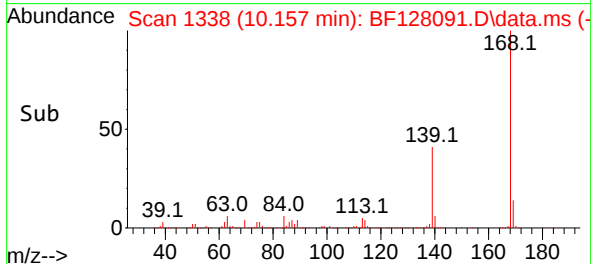
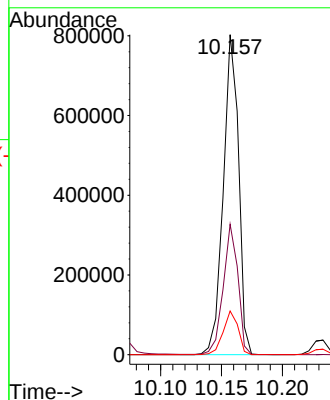
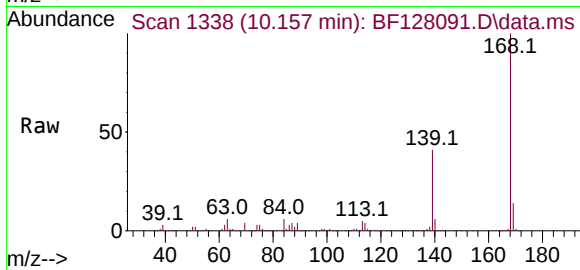
Tgt Ion:168 Resp: 702016

Ion Ratio Lower Upper

168 100

139 40.8 31.7 47.5

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 37.601 ng

RT: 10.069 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

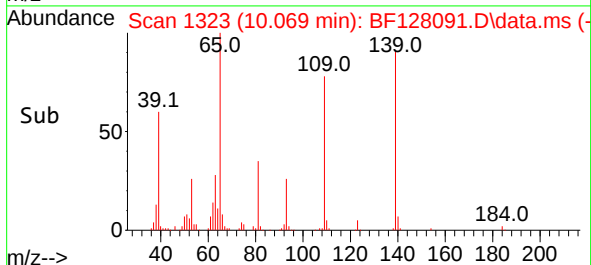
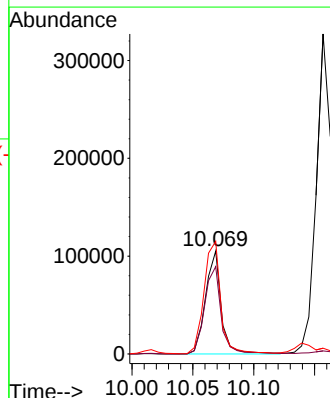
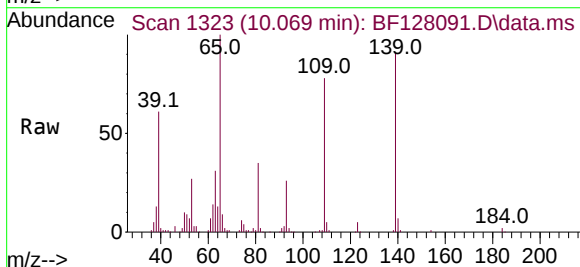
Tgt Ion:139 Resp: 93971

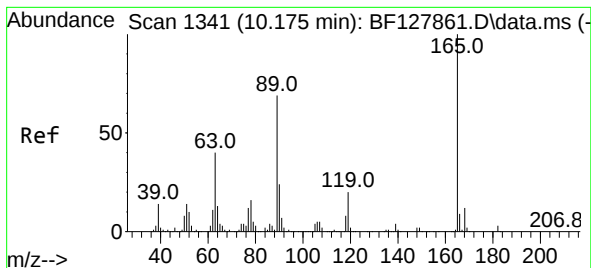
Ion Ratio Lower Upper

139 100

109 85.0 61.9 101.9

65 109.6 93.5 133.5

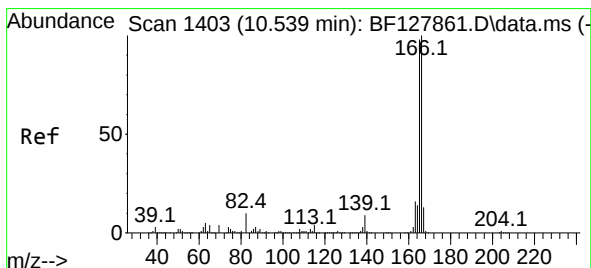
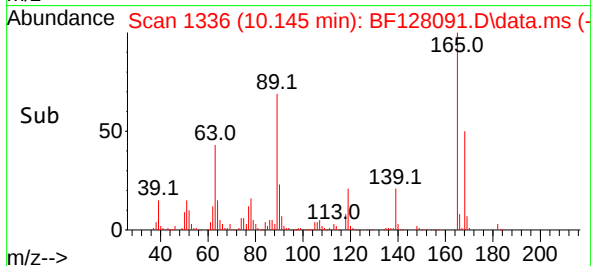
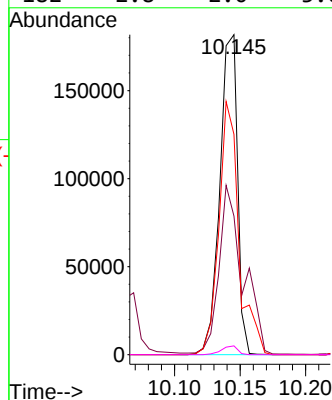
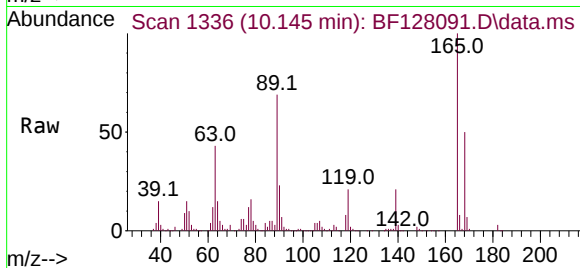




#57  
2,4-Dinitrotoluene  
Concen: 43.700 ng  
RT: 10.145 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

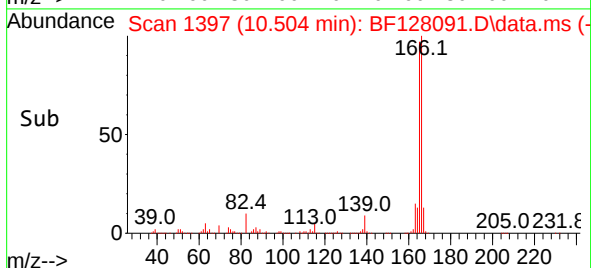
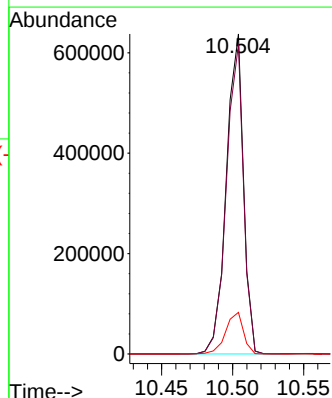
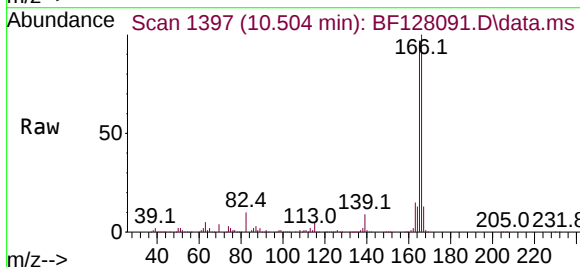
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

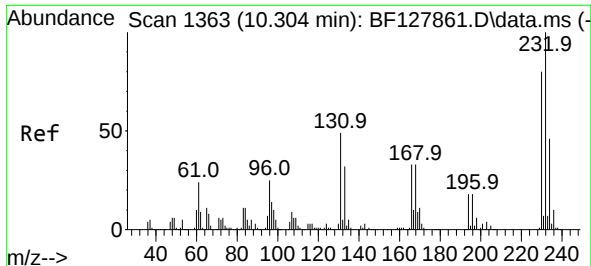
Tgt Ion:165 Resp: 170603  
Ion Ratio Lower Upper  
165 100  
63 43.3 32.6 49.0  
89 68.9 55.2 82.8  
182 2.8 2.0 3.0



#58  
Fluorene  
Concen: 42.224 ng  
RT: 10.504 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:166 Resp: 535076  
Ion Ratio Lower Upper  
166 100  
165 96.7 78.6 117.8  
167 13.0 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.638 ng

RT: 10.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 149838

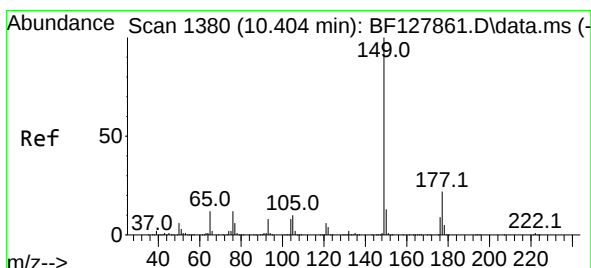
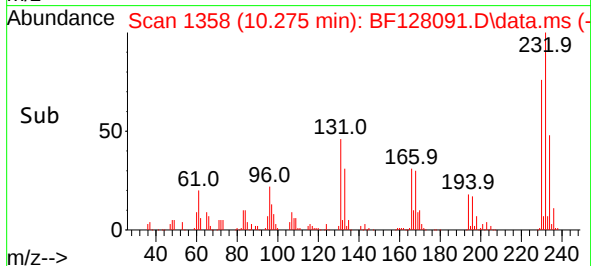
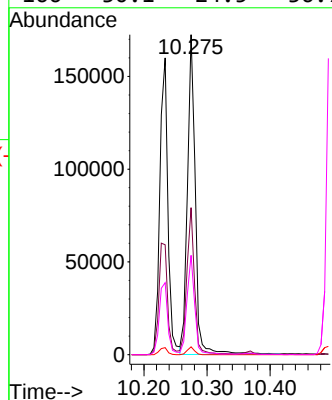
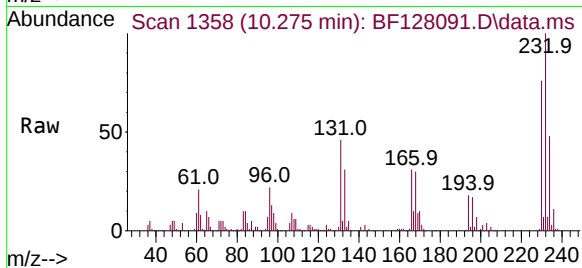
Ion Ratio Lower Upper

232 100

131 44.3 35.4 53.2

130 2.2 1.9 2.9

166 30.1 24.5 36.7



#60

Diethylphthalate

Concen: 41.884 ng

RT: 10.369 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

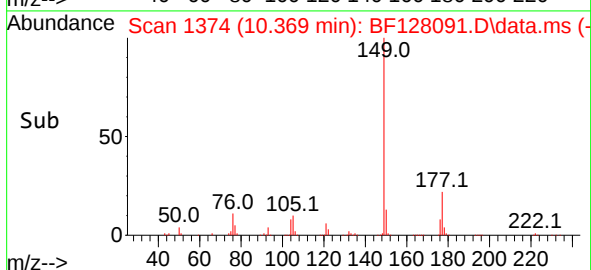
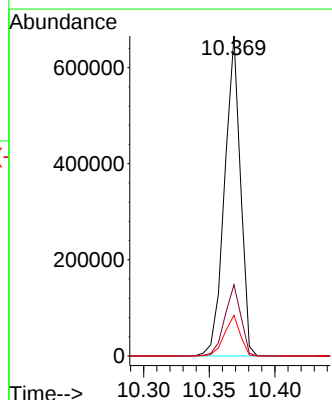
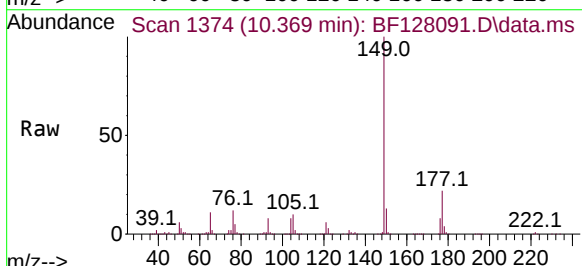
Tgt Ion:149 Resp: 559087

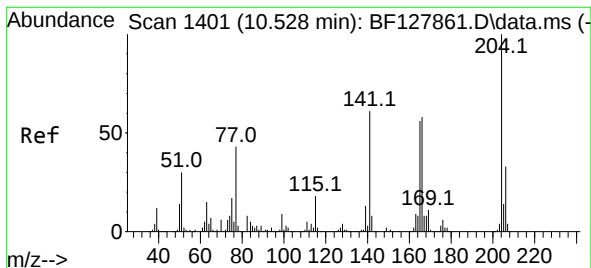
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.7 10.2 15.2

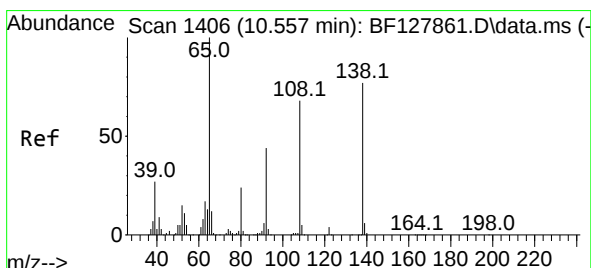
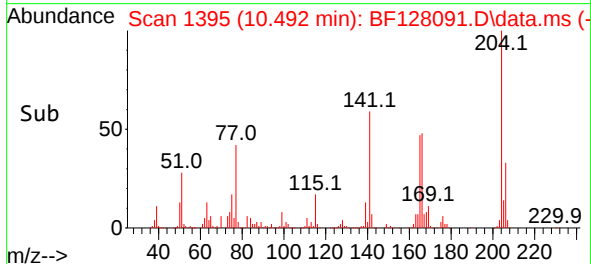
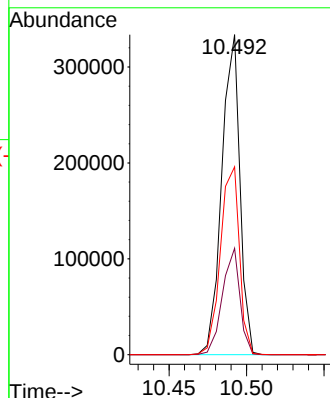
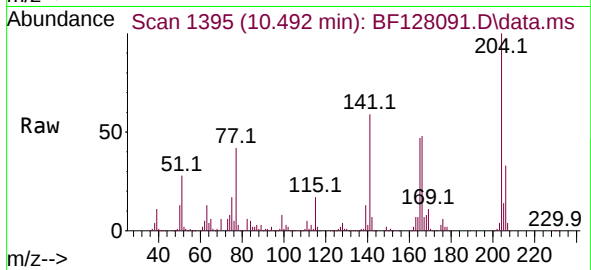




#61  
4-Chlorophenyl-phenylether  
Concen: 43.064 ng  
RT: 10.492 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

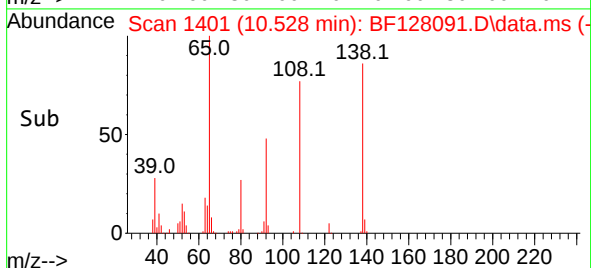
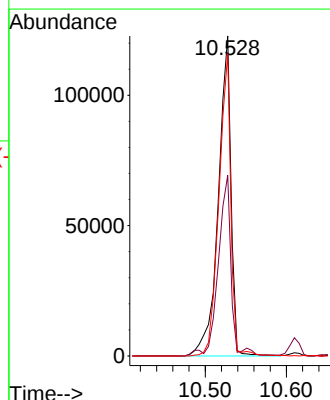
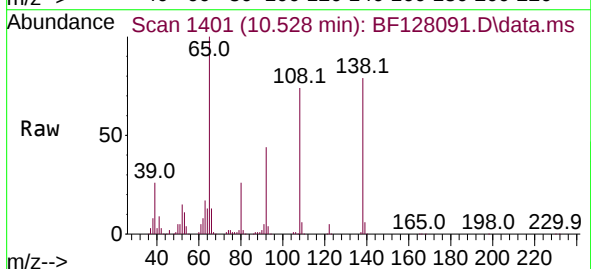
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

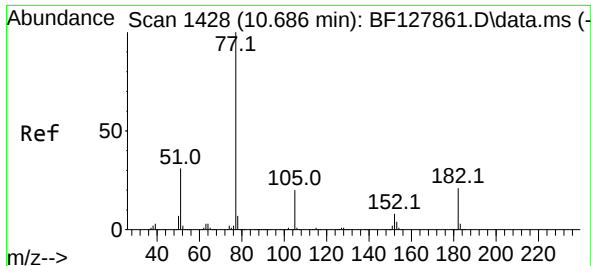
Tgt Ion:204 Resp: 271182  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.5 39.7  
141 58.7 48.7 73.1



#62  
4-Nitroaniline  
Concen: 41.871 ng  
RT: 10.528 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:138 Resp: 133972  
Ion Ratio Lower Upper  
138 100  
92 56.5 37.4 77.4  
108 94.5 68.4 108.4

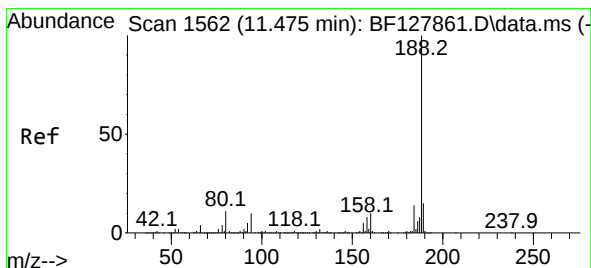
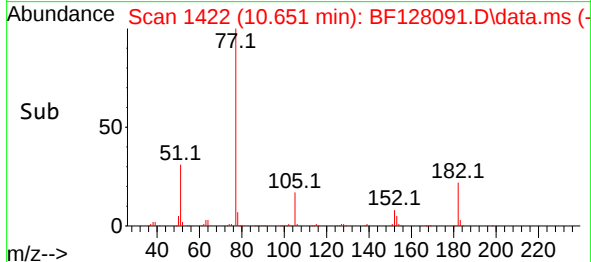
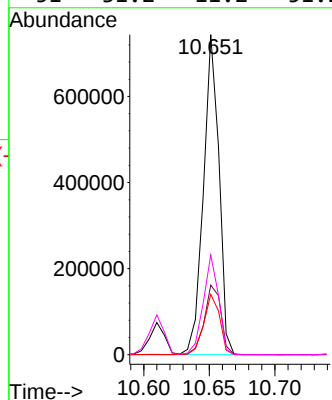
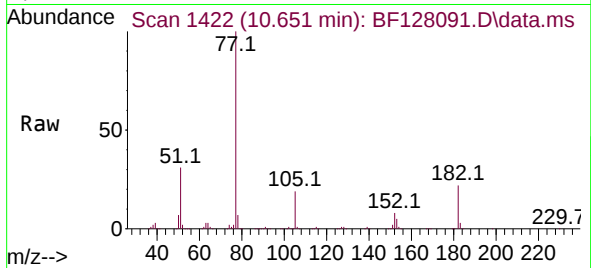




#63  
Azobenzene  
Concen: 41.776 ng  
RT: 10.651 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

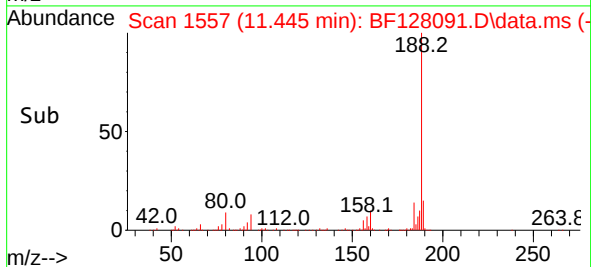
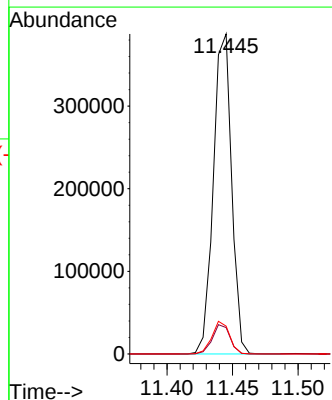
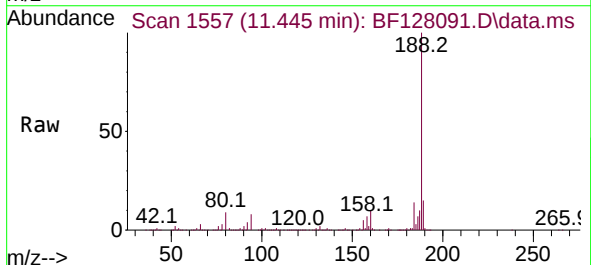
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

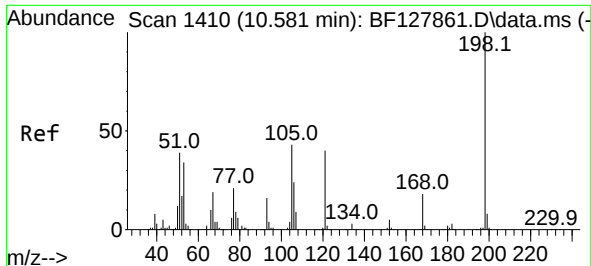
Tgt Ion: 77 Resp: 613612  
Ion Ratio Lower Upper  
77 100  
182 21.8 1.2 41.2  
105 18.9 0.0 39.8  
51 31.2 11.2 51.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion: 188 Resp: 374957  
Ion Ratio Lower Upper  
188 100  
94 8.2 8.0 12.0  
80 8.7 8.9 13.3#

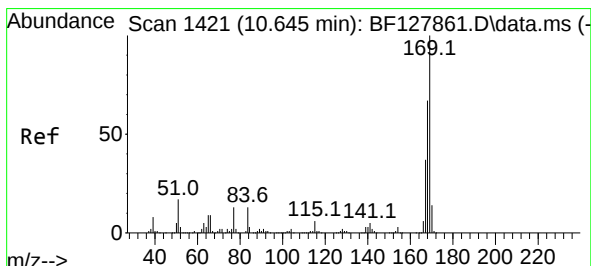
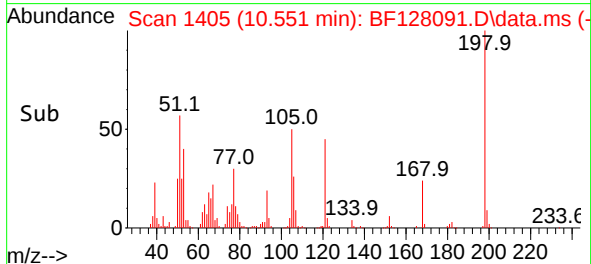
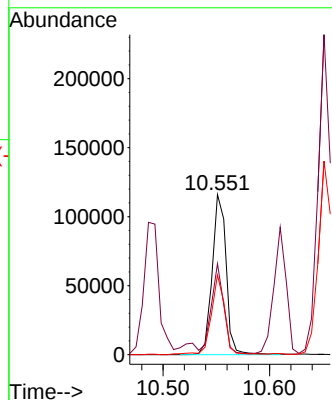
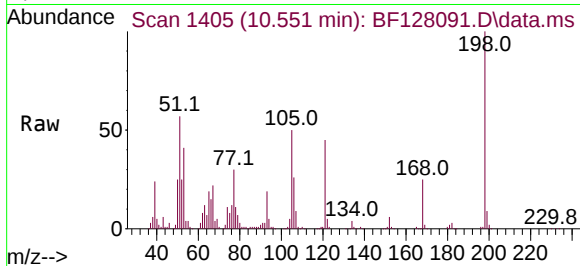




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.457 ng  
RT: 10.551 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

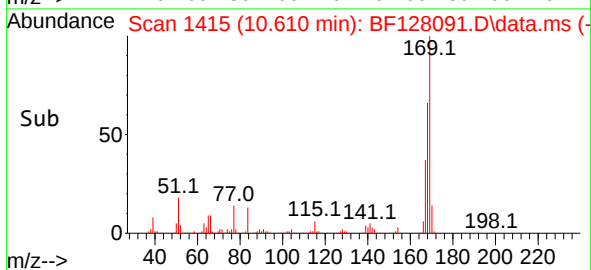
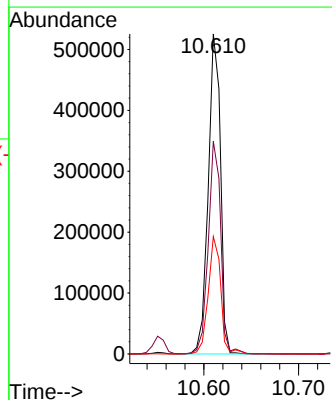
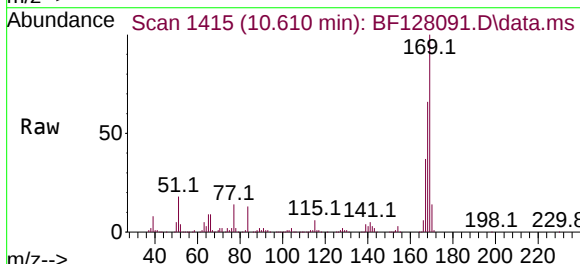
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

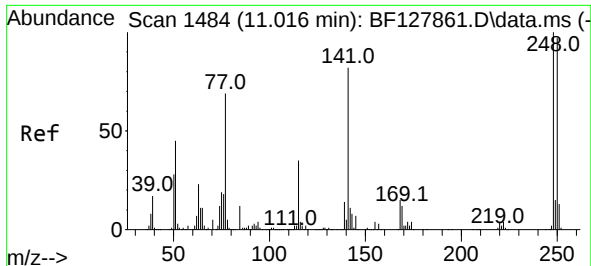
Tgt Ion:198 Resp: 105733  
Ion Ratio Lower Upper  
198 100  
51 56.8 28.4 68.4  
105 49.8 23.4 63.4



#66  
n-Nitrosodiphenylamine  
Concen: 40.320 ng  
RT: 10.610 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:169 Resp: 470422  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.8 80.6  
167 36.7 29.5 44.3

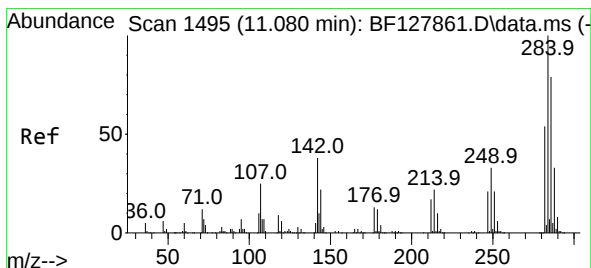
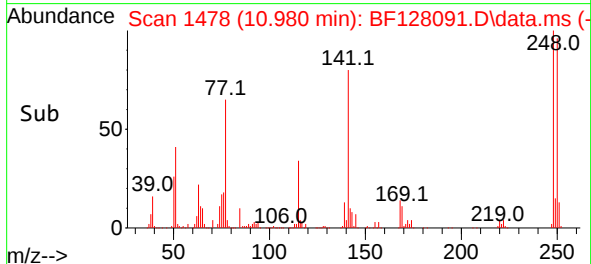
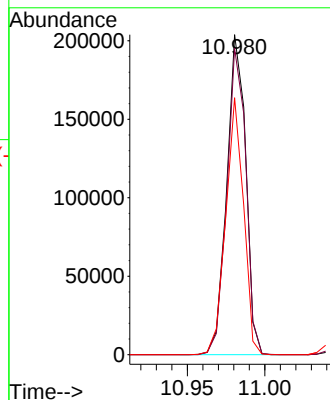
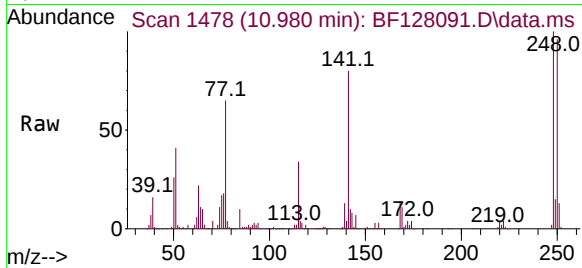




#67  
4-Bromophenyl-phenylether  
Concen: 41.719 ng  
RT: 10.980 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

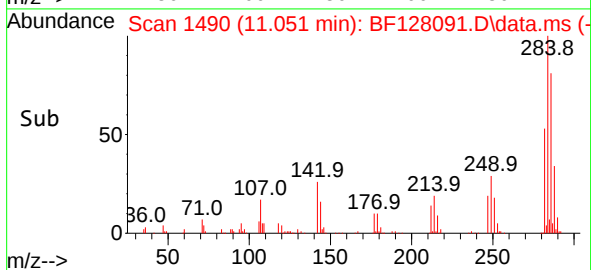
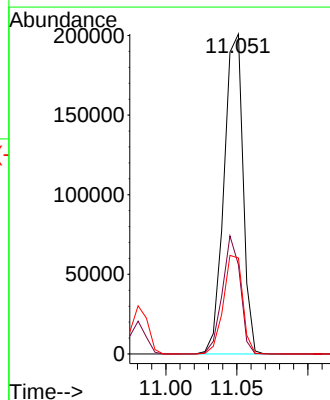
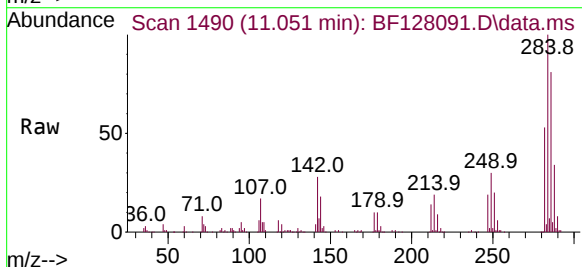
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

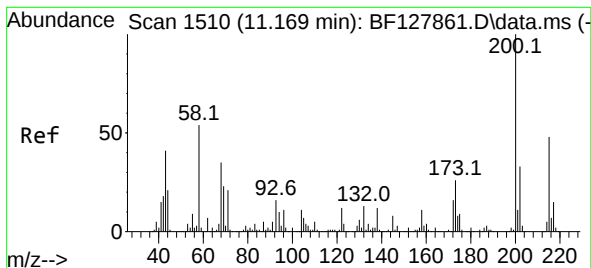
Tgt Ion:248 Resp: 173408  
Ion Ratio Lower Upper  
248 100  
250 95.7 77.7 116.5  
141 80.3 65.6 98.4



#68  
Hexachlorobenzene  
Concen: 42.632 ng  
RT: 11.051 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:284 Resp: 186703  
Ion Ratio Lower Upper  
284 100  
142 27.9 30.2 45.4#  
249 30.0 26.1 39.1





#69

Atrazine

Concen: 39.482 ng

RT: 11.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

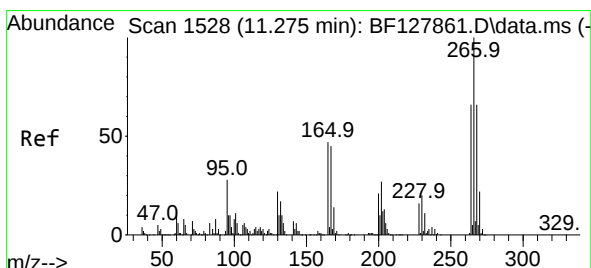
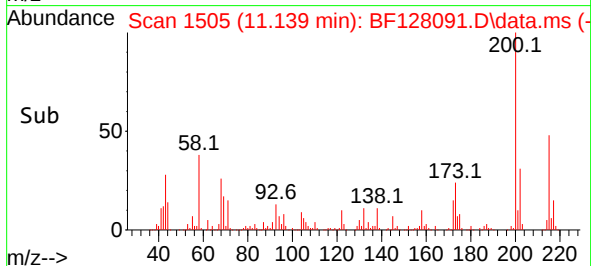
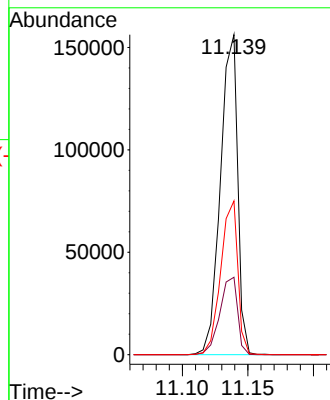
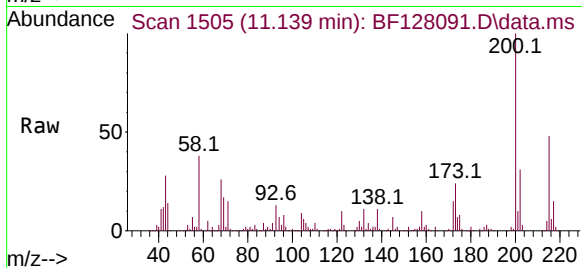
Tgt Ion:200 Resp: 142439

Ion Ratio Lower Upper

200 100

173 24.2 6.0 46.0

215 48.0 28.1 68.1



#70

Pentachlorophenol

Concen: 36.849 ng

RT: 11.245 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

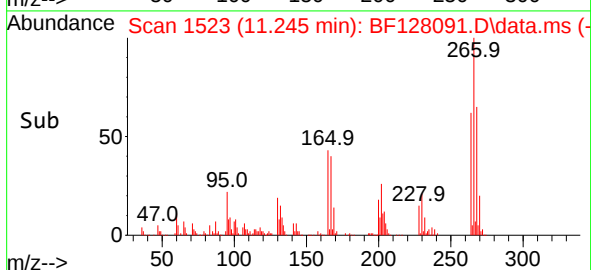
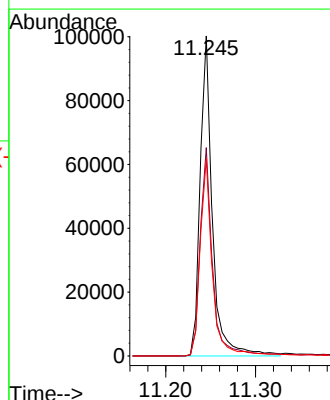
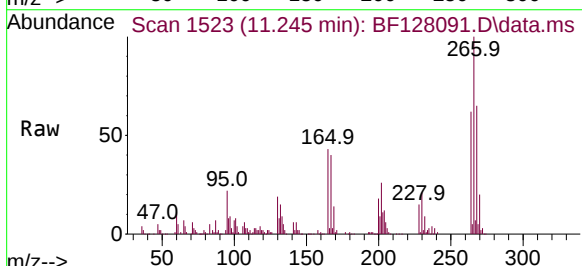
Tgt Ion:266 Resp: 94936

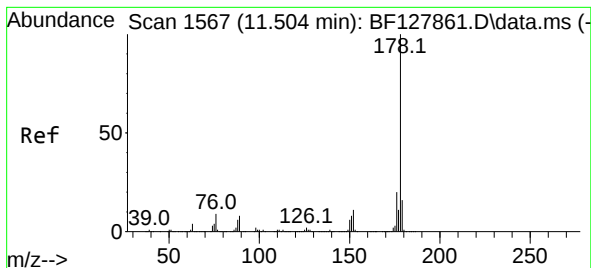
Ion Ratio Lower Upper

266 100

268 65.1 53.0 79.6

264 61.7 53.1 79.7





#71

Phenanthrene

Concen: 39.936 ng

RT: 11.469 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

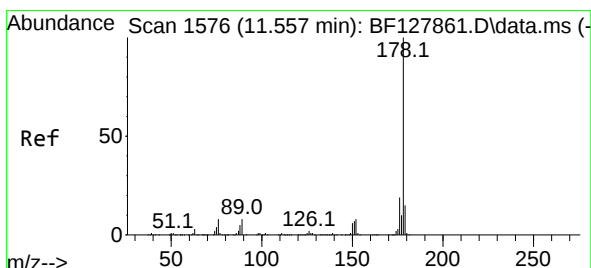
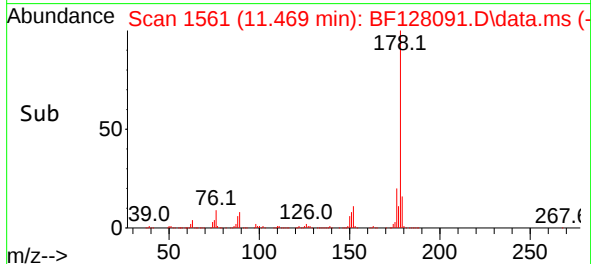
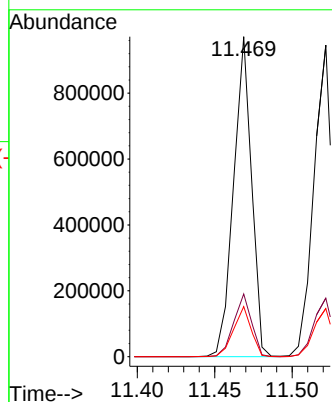
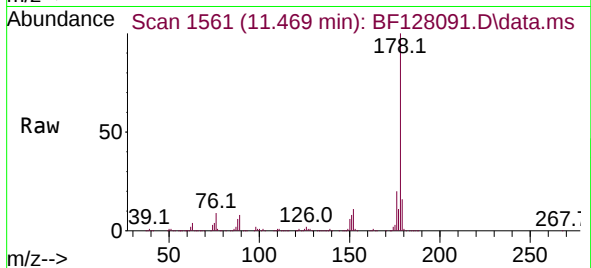
Tgt Ion:178 Resp: 783840

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.7 12.6 19.0



#72

Anthracene

Concen: 40.483 ng

RT: 11.522 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

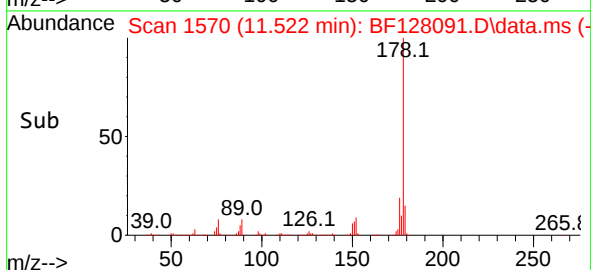
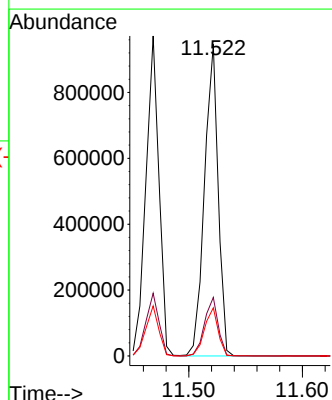
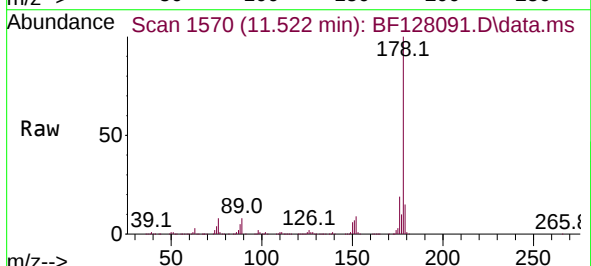
Tgt Ion:178 Resp: 791516

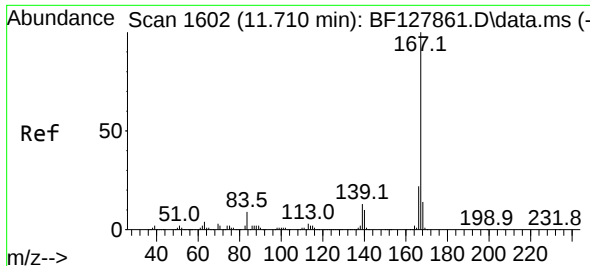
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.4 18.6

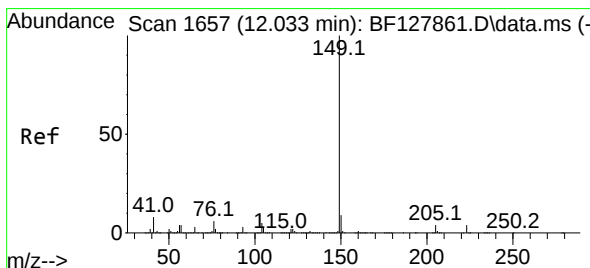
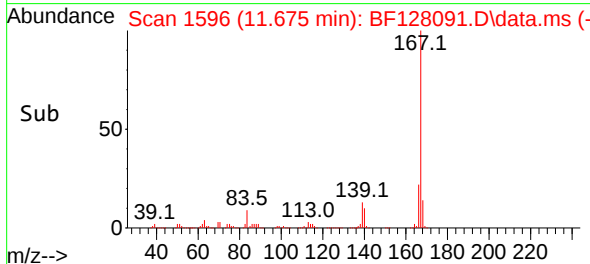
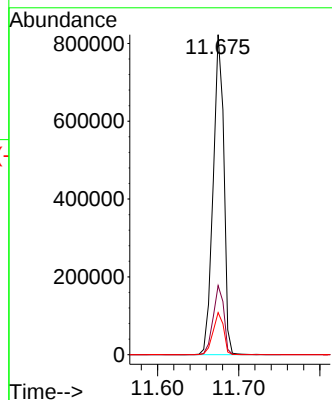
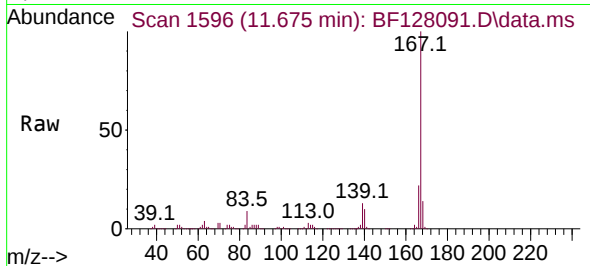




#73  
 Carbazole  
 Concen: 39.705 ng  
 RT: 11.675 min Scan# 1165  
 Delta R.T. -0.006 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

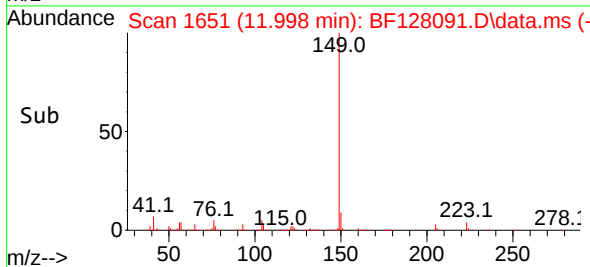
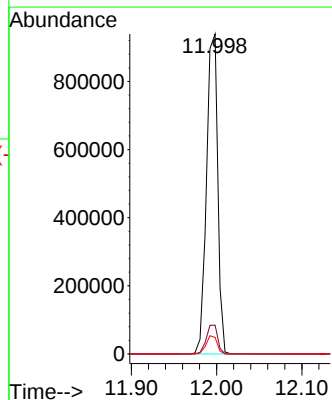
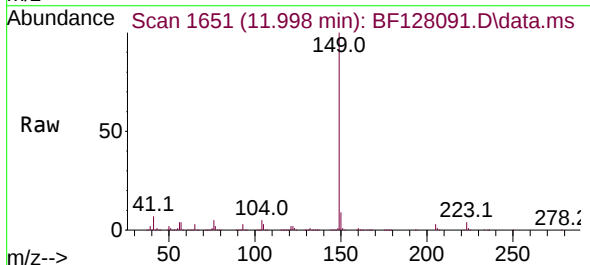
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

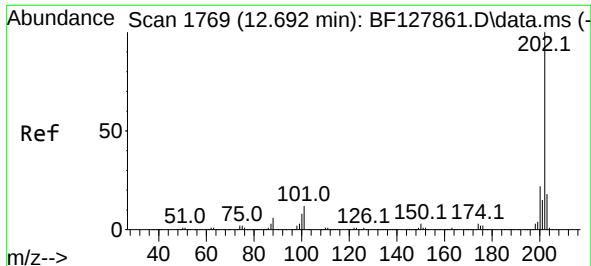
Tgt Ion:167 Resp: 748176  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.6 26.4  
 139 13.2 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 40.511 ng  
 RT: 11.998 min Scan# 1651  
 Delta R.T. 0.000 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

Tgt Ion:149 Resp: 858378  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.5 11.3  
 104 5.1 4.3 6.5

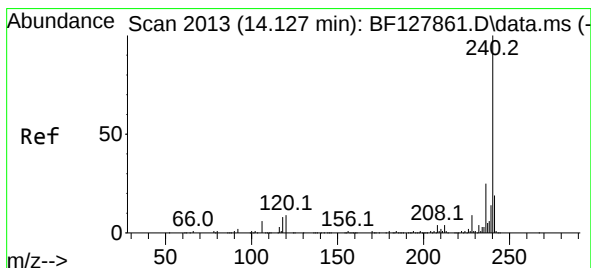
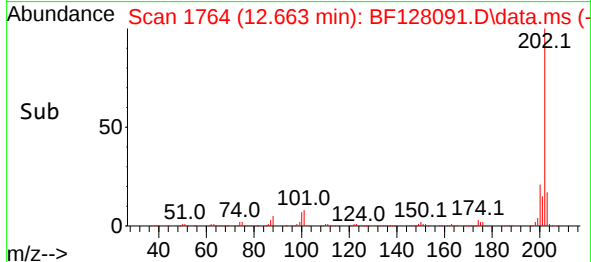
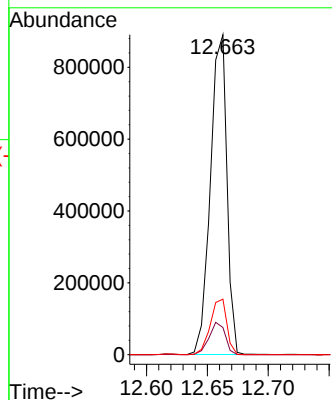
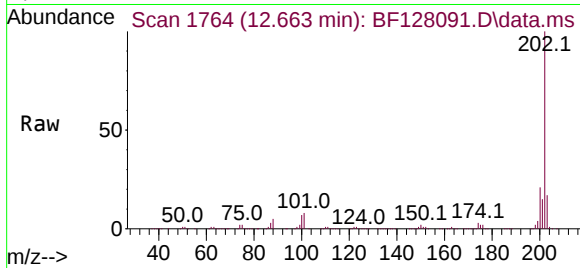




#75  
Fluoranthene  
Concen: 40.570 ng  
RT: 12.663 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

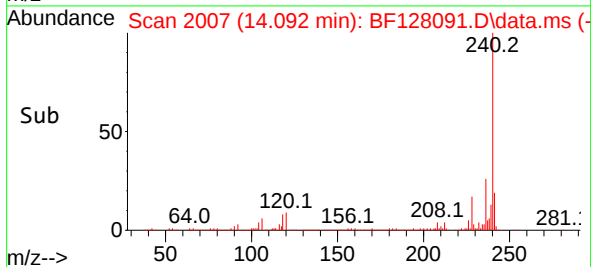
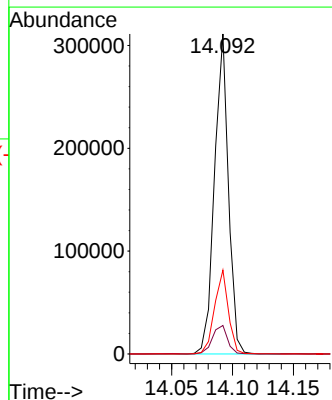
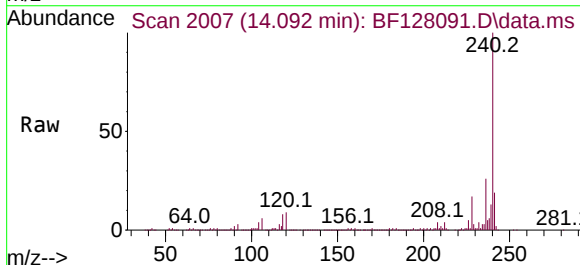
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

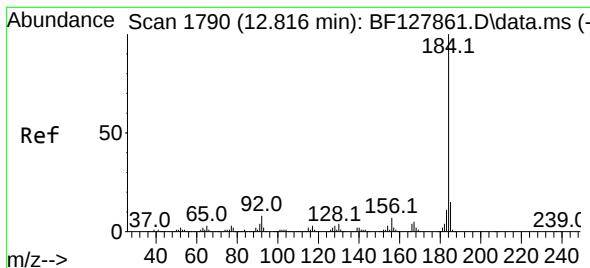
Tgt Ion:202 Resp: 838053  
Ion Ratio Lower Upper  
202 100  
101 8.5 0.0 31.6  
203 17.4 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:240 Resp: 246801  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.0 10.6  
236 26.2 20.3 30.5





#77

Benzidine

Concen: 47.572 ng

RT: 12.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

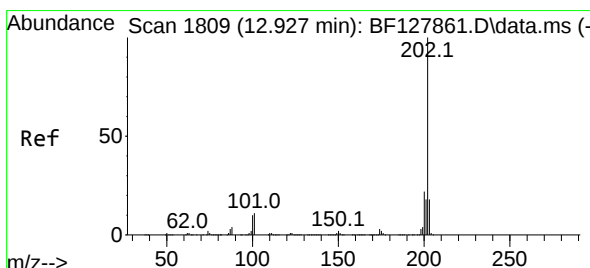
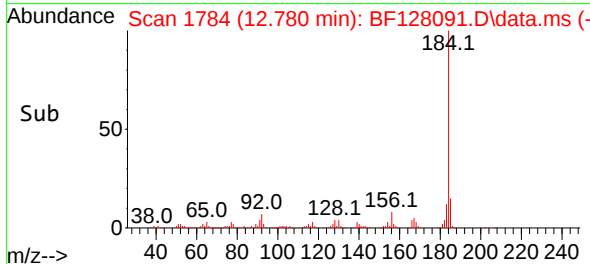
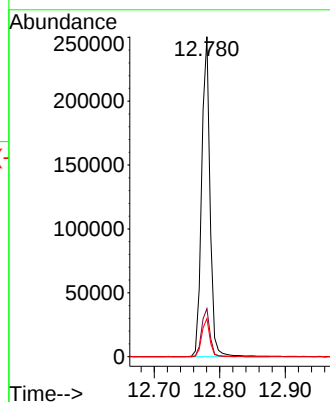
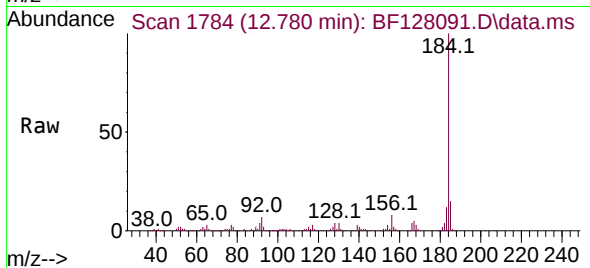
Tgt Ion:184 Resp: 222153

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

183 11.9 9.0 13.4



#78

Pyrene

Concen: 42.695 ng

RT: 12.892 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

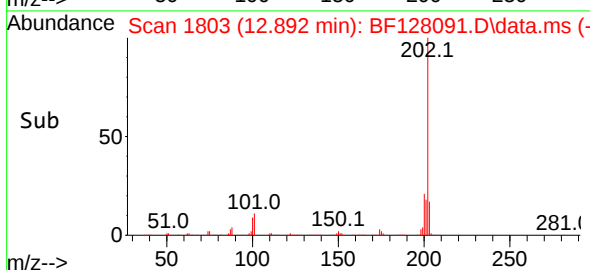
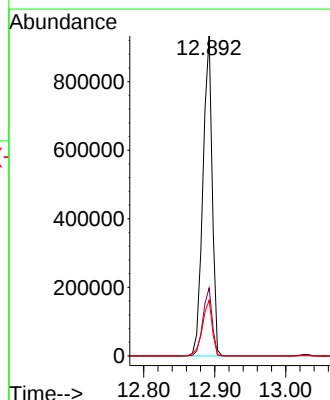
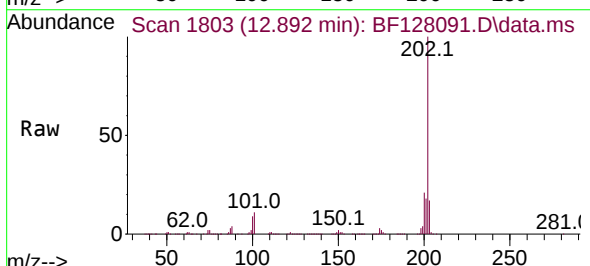
Tgt Ion:202 Resp: 850603

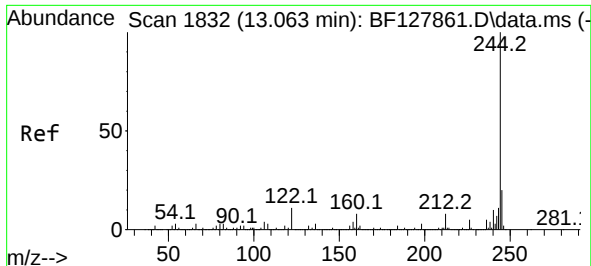
Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

203 17.5 14.0 21.0

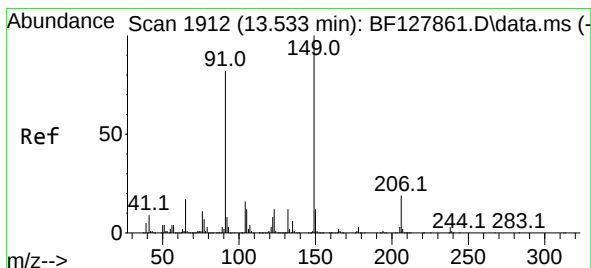
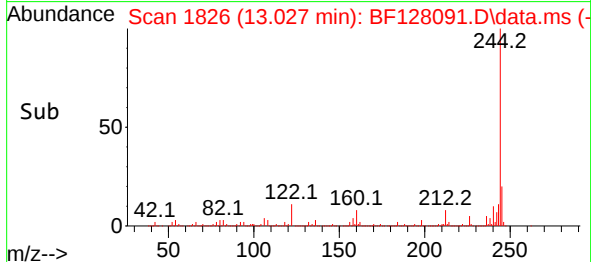
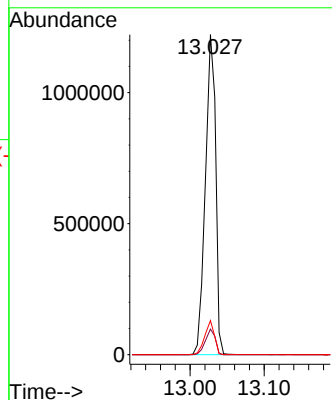
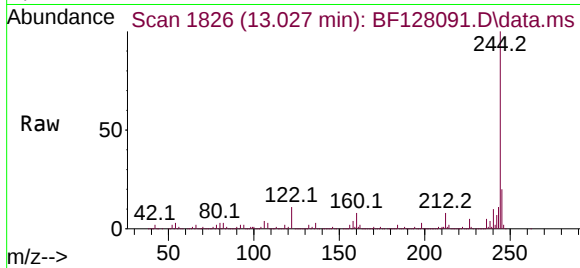




#79  
 Terphenyl-d14  
 Concen: 87.531 ng  
 RT: 13.027 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

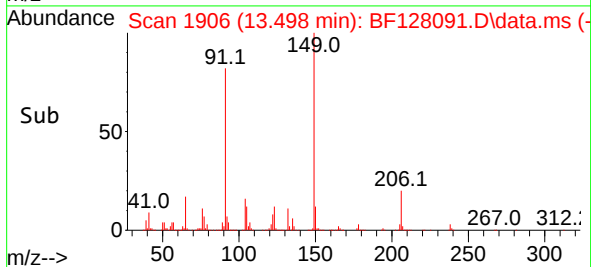
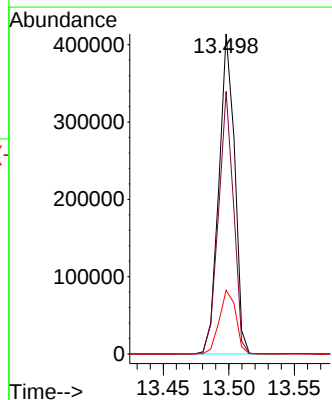
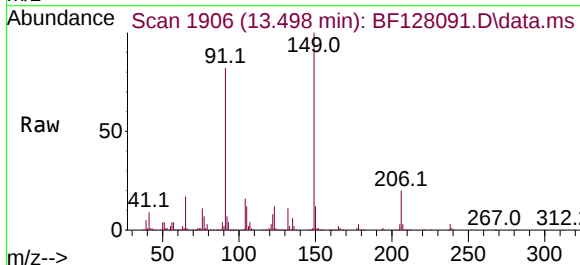
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

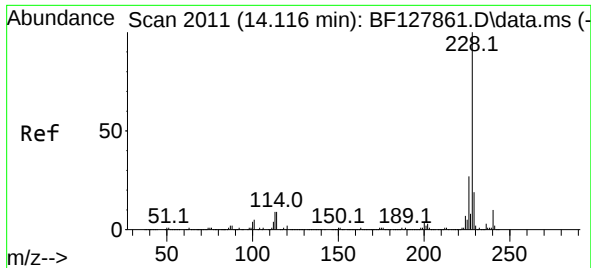
Tgt Ion:244 Resp: 1181411  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.2 9.4  
 122 10.6 8.6 12.8



#80  
 Butylbenzylphthalate  
 Concen: 44.207 ng  
 RT: 13.498 min Scan# 1906  
 Delta R.T. -0.006 min  
 Lab File: BF128091.D  
 Acq: 05 May 2022 13:36

Tgt Ion:149 Resp: 345208  
 Ion Ratio Lower Upper  
 149 100  
 91 82.0 65.8 98.6  
 206 19.9 15.4 23.2

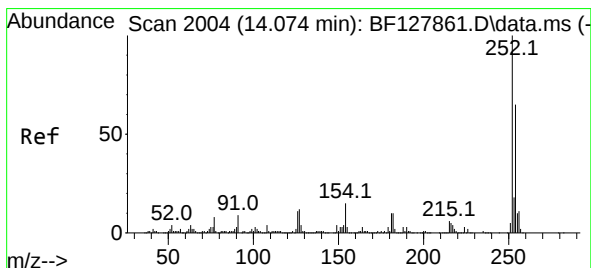
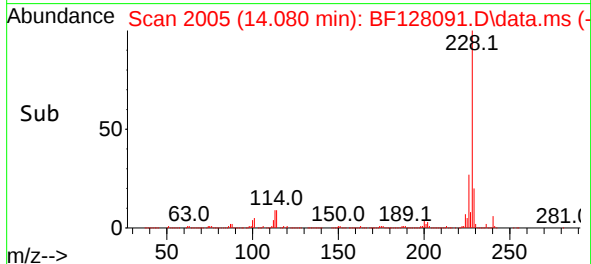
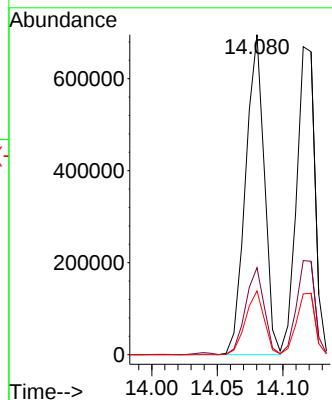
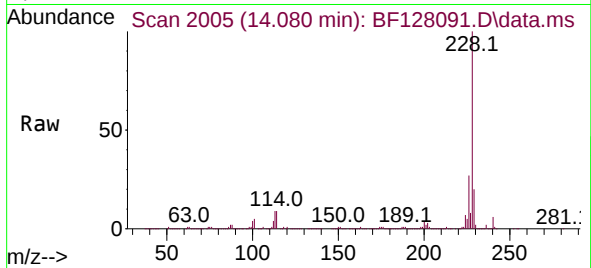




#81  
Benzo(a)anthracene  
Concen: 42.128 ng  
RT: 14.080 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

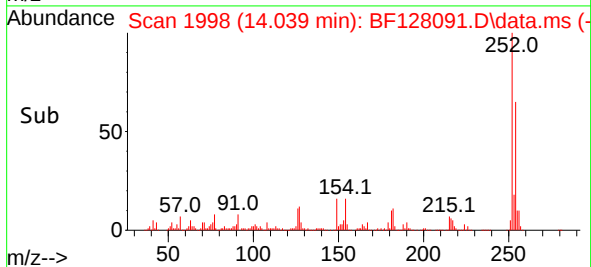
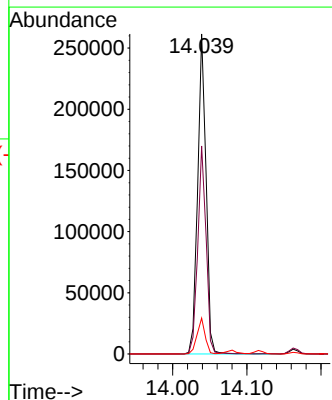
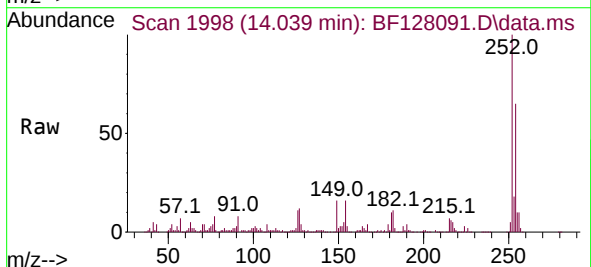
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

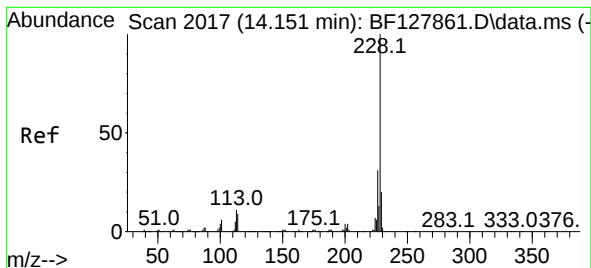
Tgt Ion:228 Resp: 693004  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.9 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 39.225 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:252 Resp: 204878  
Ion Ratio Lower Upper  
252 100  
254 65.0 51.6 77.4  
126 11.2 8.8 13.2





#83

Chrysene

Concen: 41.313 ng

RT: 14.116 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

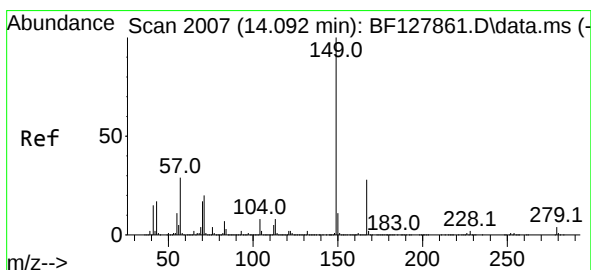
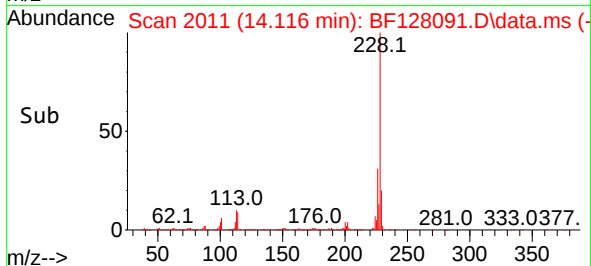
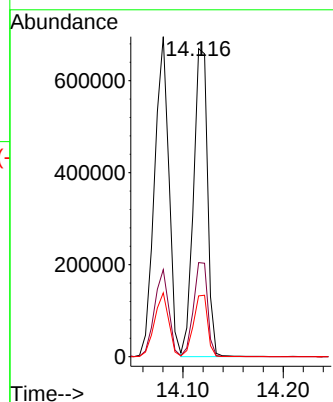
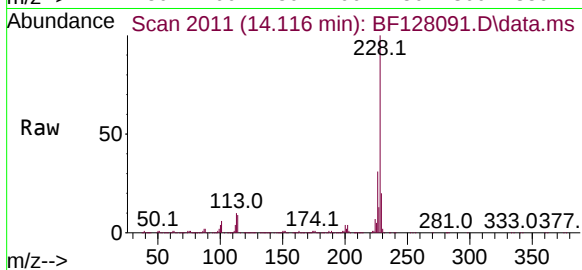
Tgt Ion:228 Resp: 649047

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.306 ng

RT: 14.051 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

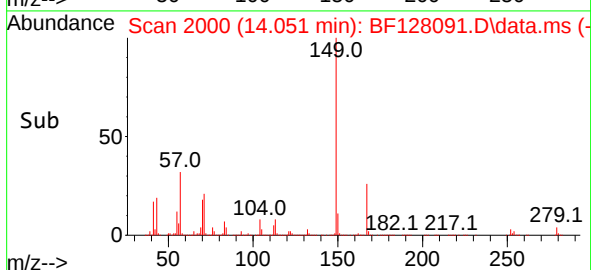
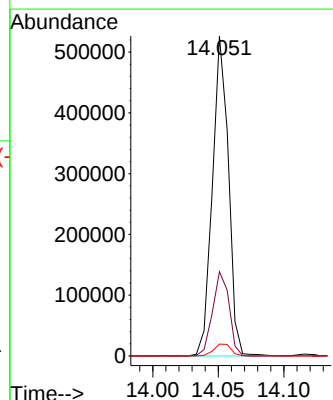
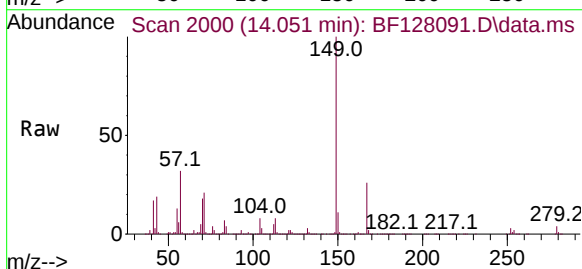
Tgt Ion:149 Resp: 448458

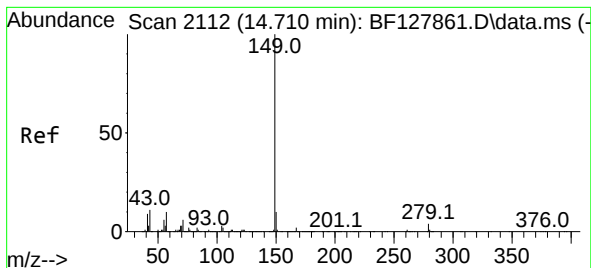
Ion Ratio Lower Upper

149 100

167 26.3 22.0 33.0

279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.714 ng

RT: 14.668 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

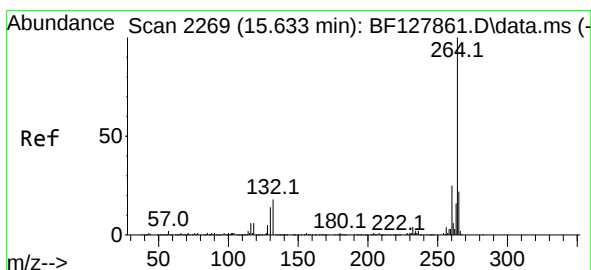
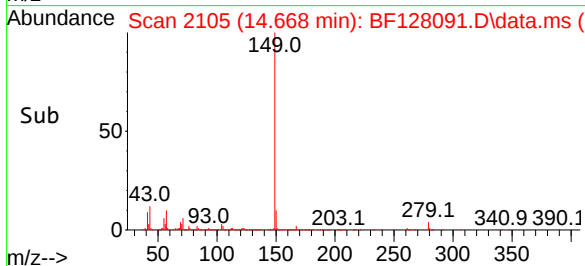
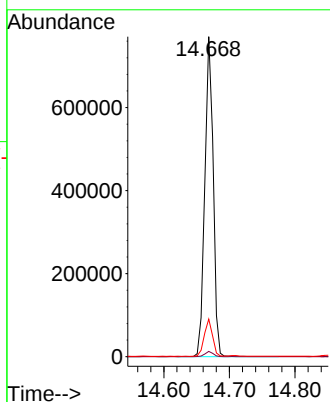
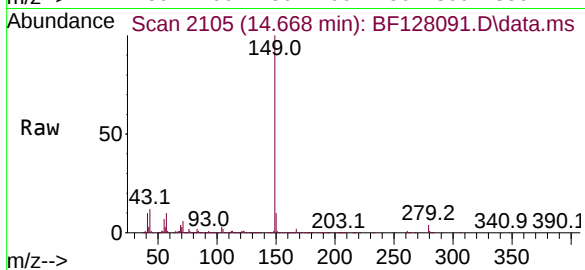
Tgt Ion:149 Resp: 685481

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

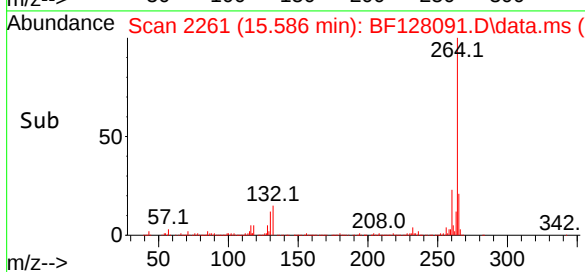
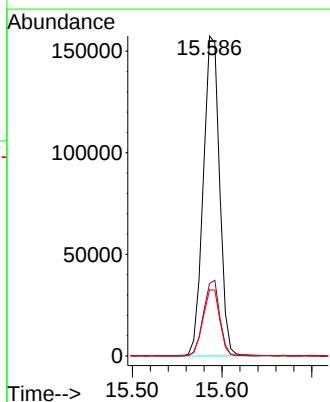
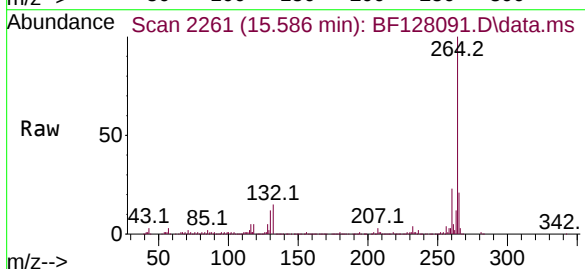
Tgt Ion:264 Resp: 198750

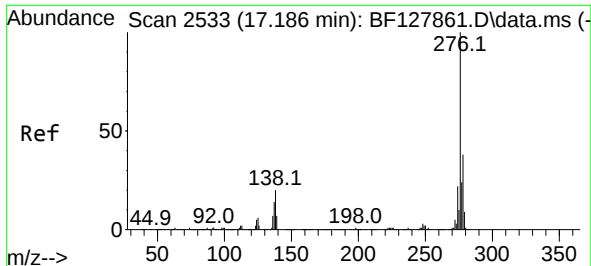
Ion Ratio Lower Upper

264 100

260 22.7 20.1 30.1

265 20.7 17.5 26.3

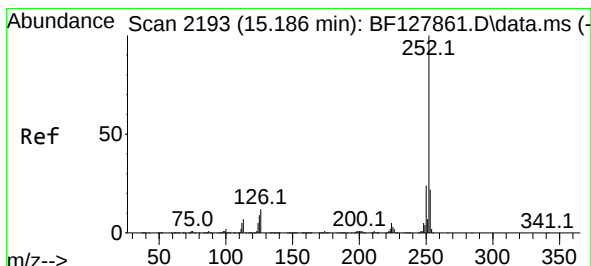
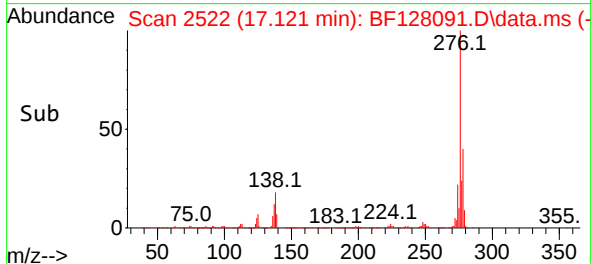
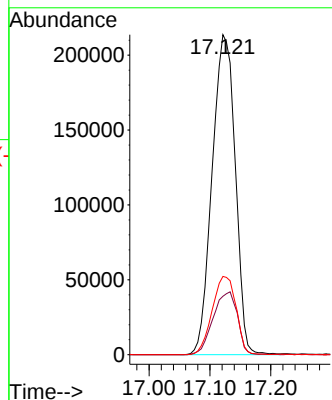
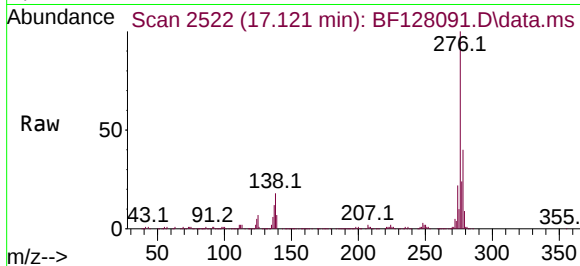




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.527 ng  
RT: 17.121 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

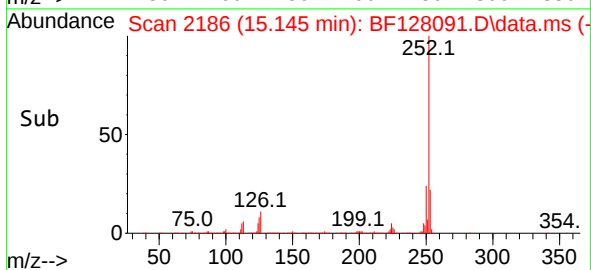
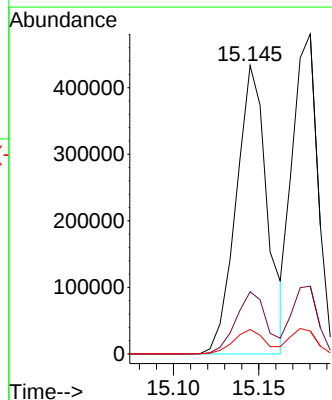
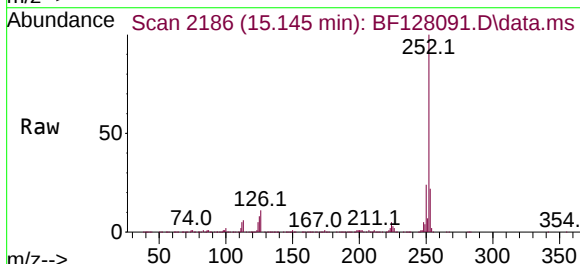
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

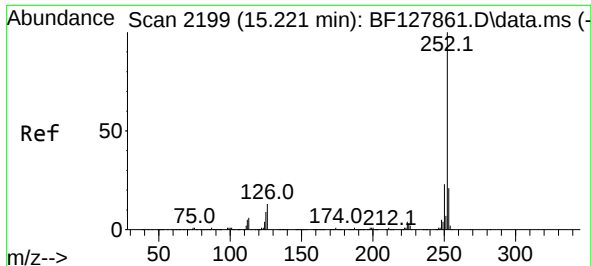
Tgt Ion:276 Resp: 564167  
Ion Ratio Lower Upper  
276 100  
138 20.7 19.0 28.4  
277 25.2 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 44.109 ng  
RT: 15.145 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:252 Resp: 550628  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.2  
125 8.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.729 ng

RT: 15.180 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

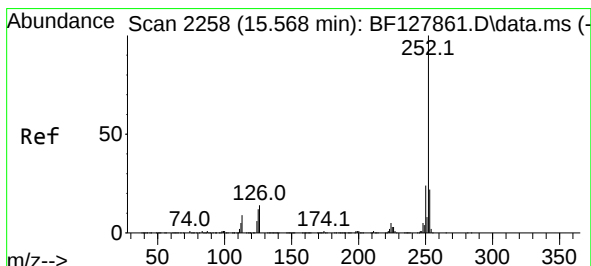
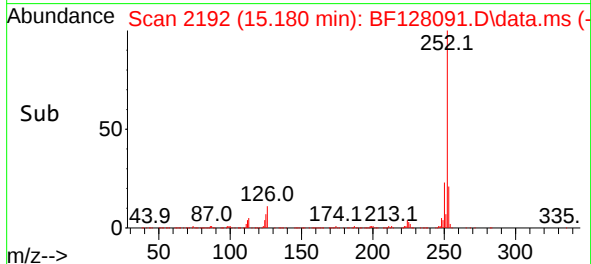
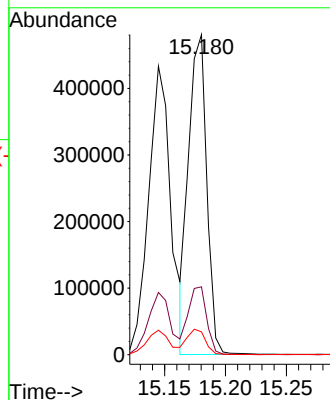
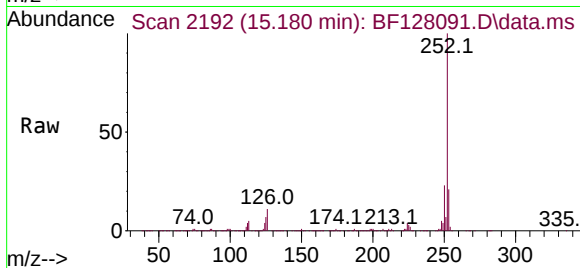
Tgt Ion:252 Resp: 499661

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 7.2 6.8 10.2



#90

Benzo(a)pyrene

Concen: 42.383 ng

RT: 15.527 min Scan# 2251

Delta R.T. -0.006 min

Lab File: BF128091.D

Acq: 05 May 2022 13:36

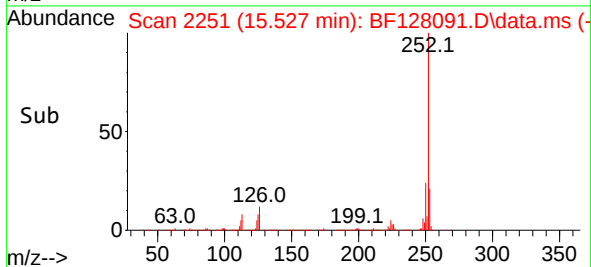
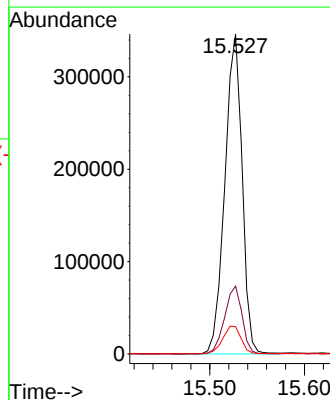
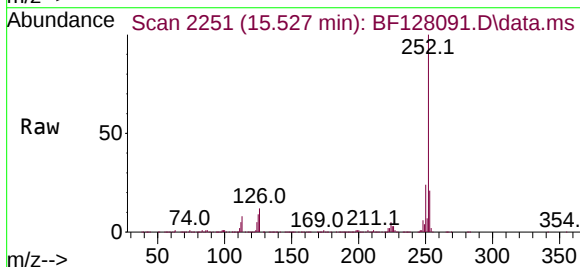
Tgt Ion:252 Resp: 438866

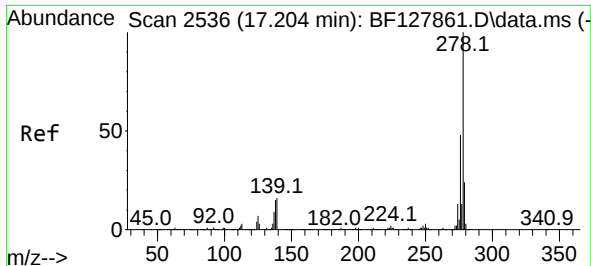
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 8.5 9.2 13.8#

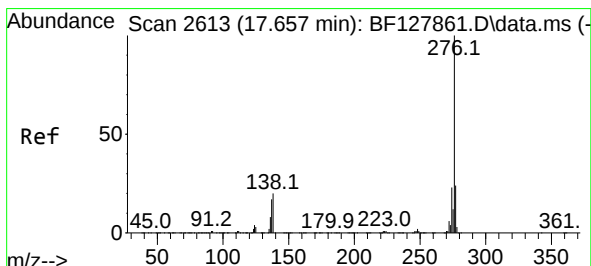
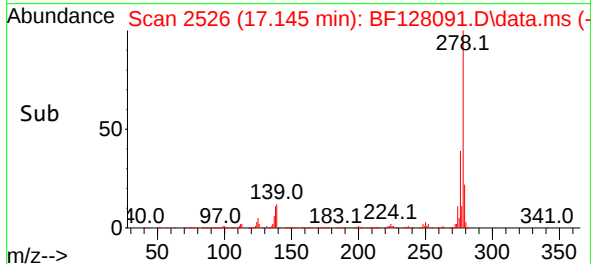
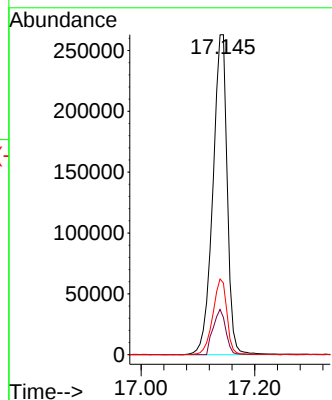
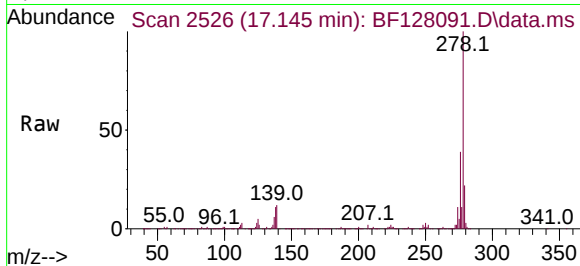




#91  
Dibenzo(a,h)anthracene  
Concen: 43.393 ng  
RT: 17.145 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 461676  
Ion Ratio Lower Upper  
278 100  
139 11.6 12.6 19.0#  
279 22.4 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 41.714 ng  
RT: 17.592 min Scan# 2602  
Delta R.T. -0.006 min  
Lab File: BF128091.D  
Acq: 05 May 2022 13:36

Tgt Ion:276 Resp: 467716  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.8 28.2  
138 18.0 16.2 24.2

