

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061221\  
 Data File : BF124290.D  
 Acq On : 12 Jun 2021 17:14  
 Operator : JU/CG  
 Sample : M2674-06 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TMR-DS-06-060921

Quant Time: Jun 14 04:26:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 10 01:53:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 36617    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 138642   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.892  | 164  | 66315    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 91090    | 20.000  | ng    | 0.01     |
| 76) Chrysene-d12              | 14.033 | 240  | 90279    | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 15.521 | 264  | 50341    | 20.000  | ng    | 0.03     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 41543    | 17.079  | ng    | -0.01    |
| 7) Phenol-d6                  | 6.498  | 99   | 53028    | 16.218  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 56315    | 16.110  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 12517    | 13.323  | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 71564    | 13.580  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.968 | 244  | 62907    | 9.567   | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 9) Benzaldehyde               | 6.392  | 77   | 4420     | 3.041   | ng    | # 1      |
| 10) Phenol                    | 6.516  | 94   | 146512   | 41.464  | ng    | 92       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 7176     | 2.435   | ng    | # 54     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.204  | 45   | 15020    | 3.738   | ng    | # 1      |
| 17) 2-Methylphenol            | 7.122  | 107  | 155719   | 70.773  | ng    | 92       |
| 18) Hexachloroethane          | 7.375  | 117  | 8606     | 6.885   | ng    | # 1      |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 371994   | 127.597 | ng    | # 70     |
| 22) Acetophenone              | 7.257  | 105  | 15743    | 3.983   | ng    | # 38     |
| 24) Nitrobenzene              | 7.392  | 77   | 11956    | 3.409   | ng    | # 1      |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 260970   | 118.143 | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 6056     | 2.369   | ng    | # 31     |
| 31) Naphthalene               | 8.151  | 128  | 165201   | 19.930  | ng    | 98       |
| 32) Benzoic acid              | 7.945  | 122  | 251472   | 185.528 | ng    | # 25     |
| 35) Caprolactam               | 8.616  | 113  | 2581     | 3.676   | ng    | # 1      |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 14188    | 5.074   | ng    | # 38     |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 187585   | 32.271  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 110236   | 20.294  | ng    | 91       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 31953    | 5.708   | ng    | 93       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 5531     | 3.364   | ng    | # 79     |
| 49) Acenaphthylene            | 9.751  | 152  | 23817    | 3.596   | ng    | # 51     |
| 52) Acenaphthene              | 9.922  | 154  | 12655    | 2.925   | ng    | # 59     |
| 53) 3-Nitroaniline            | 9.845  | 138  | 21717    | 18.445  | ng    | # 7      |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 6896     | 13.762  | ng    | # 1      |
| 55) Dibenzofuran              | 10.098 | 168  | 57481    | 8.490   | ng    | # 94     |
| 56) 4-Nitrophenol             | 10.045 | 139  | 5025     | 5.972   | ng    | # 1      |
| 58) Fluorene                  | 10.439 | 166  | 66101    | 12.719  | ng    | # 91     |
| 62) 4-Nitroaniline            | 10.604 | 138  | 4288     | 3.622   | ng    | 82       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 10724    | 3.099   | ng    | # 83     |
| 70) Pentachlorophenol         | 10.916 | 266  | 119      | 4.815   | ng    | # 18     |
| 71) Phenanthrene              | 11.410 | 178  | 93382    | 16.411  | ng    | 96       |
| 72) Anthracene                | 11.410 | 178  | 93382    | 16.295  | ng    | 95       |
| 73) Carbazole                 | 11.627 | 167  | 15734    | 3.151   | ng    | # 84     |
| 75) Fluoranthene              | 12.598 | 202  | 30888    | 5.171   | ng    | 83       |
| 77) Benzidine                 | 12.721 | 184  | 1263     | 4.610   | ng    | # 1      |
| 78) Pyrene                    | 12.833 | 202  | 51237    | 5.910   | ng    | # 85     |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 14783    | 2.248   | ng    | # 33     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061221\  
Data File : BF124290.D  
Acq On : 12 Jun 2021 17:14  
Operator : JU/CG  
Sample : M2674-06 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

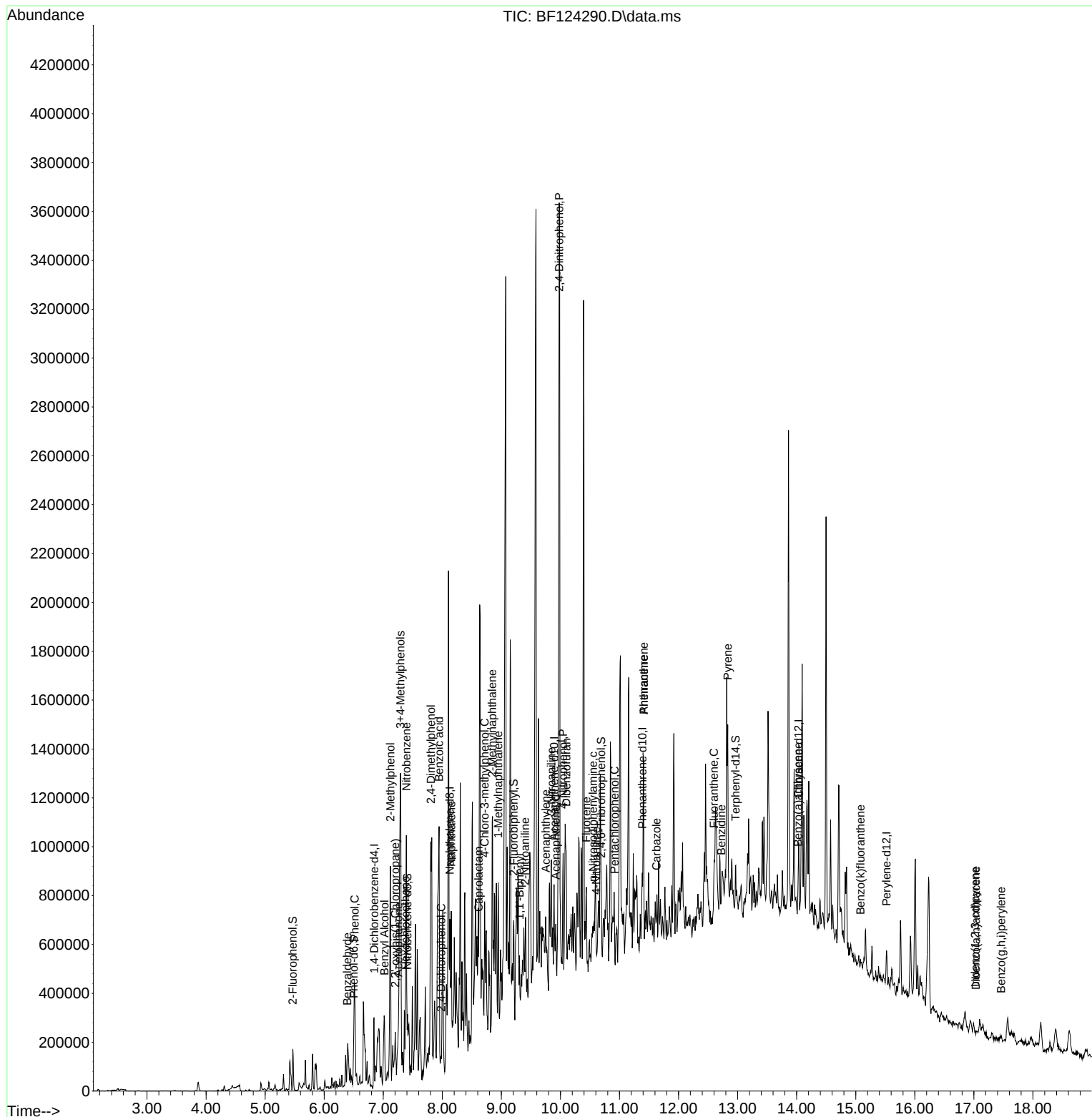
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

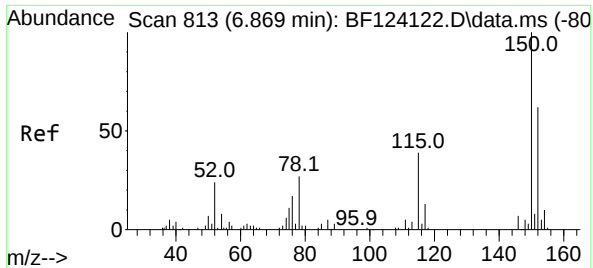
Quant Time: Jun 14 04:26:37 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 10 01:53:56 2021  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 87) Indeno(1,2,3-cd)pyrene | 17.021 | 276  | 2866     | 4.957 | ng #  | 83       |
| 89) Benzo(k)fluoranthene   | 15.080 | 252  | 7527     | 2.033 | ng #  | 15       |
| 91) Dibenzo(a,h)anthracene | 17.033 | 278  | 1390     | 4.530 | ng #  | 1        |
| 92) Benzo(g,h,i)perylene   | 17.462 | 276  | 2924     | 4.570 | ng #  | 64       |

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

Quant Time: Jun 14 04:26:37 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 10 01:53:56 2021  
Response via : Initial Calibration

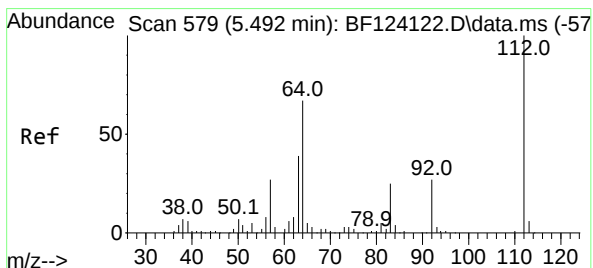
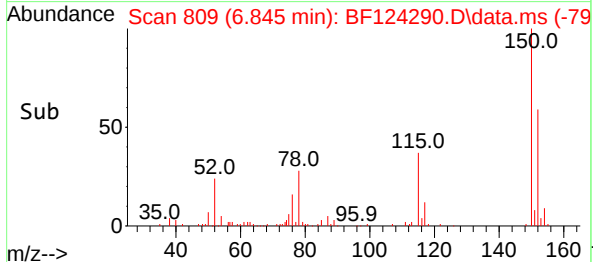
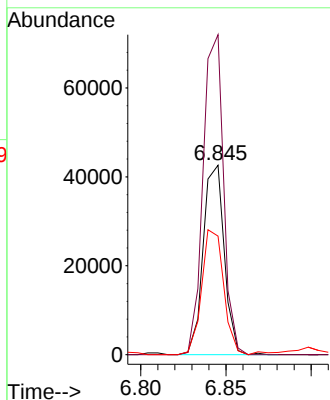
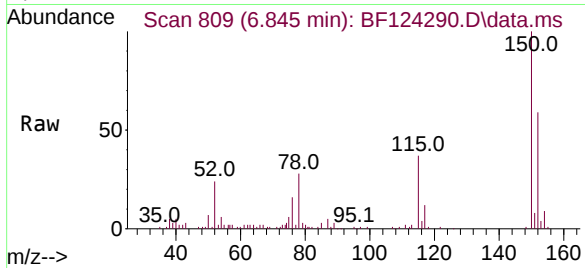




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

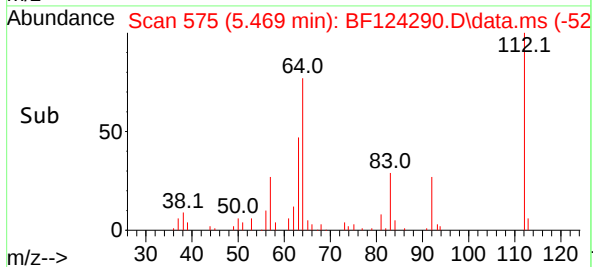
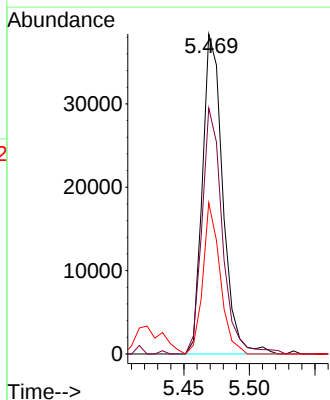
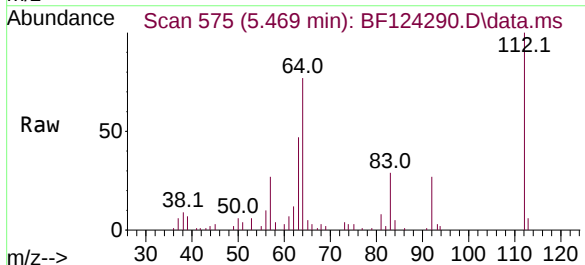
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

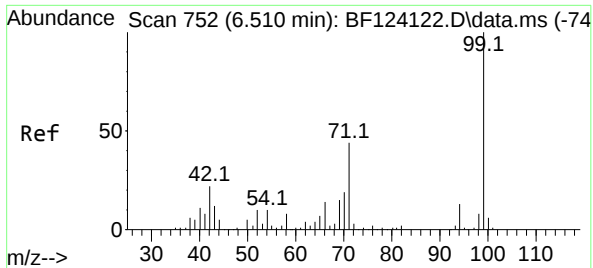
Tgt Ion:152 Resp: 36617  
Ion Ratio Lower Upper  
152 100  
150 168.9 127.0 190.6  
115 62.6 54.3 81.5



#5  
2-Fluorophenol  
Concen: 17.079 ng  
RT: 5.469 min Scan# 575  
Delta R.T. -0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:112 Resp: 41543  
Ion Ratio Lower Upper  
112 100  
64 76.9 61.4 92.0  
63 47.3 33.0 49.4

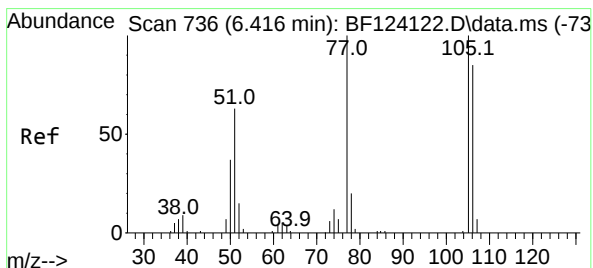
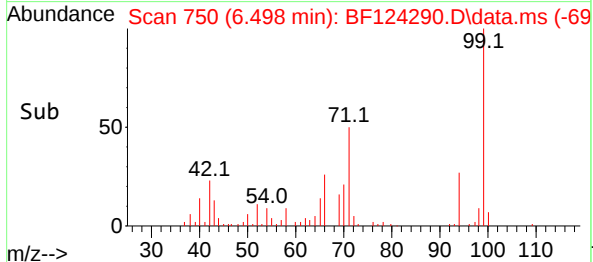
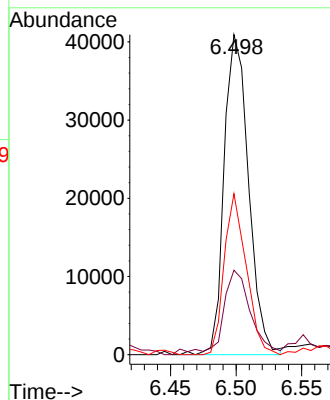
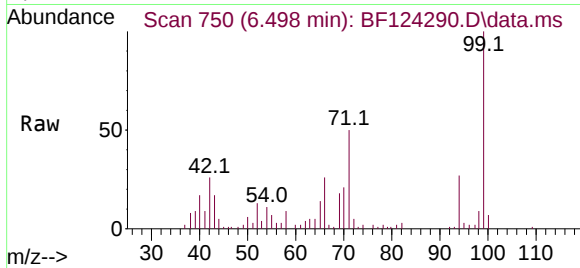




#7  
Phenol-d6  
Concen: 16.218 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

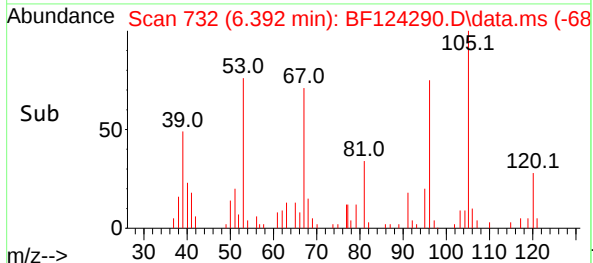
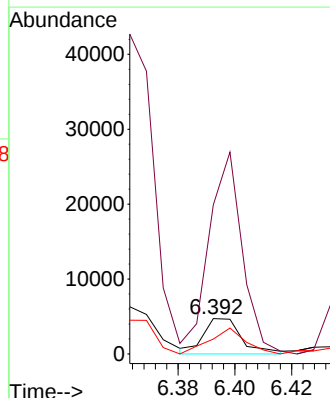
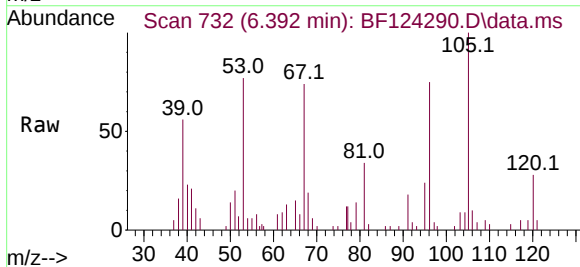
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

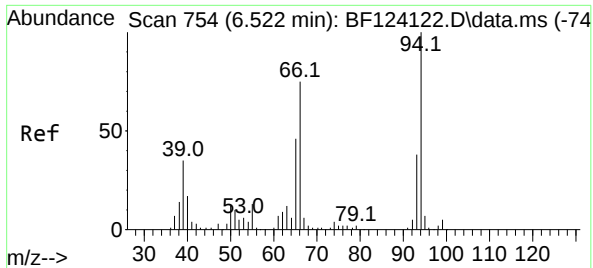
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 53028 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 26.4  | 19.8  | 29.8  |
| 71       | 50.3  | 31.1  | 46.7# |



#9  
Benzaldehyde  
Concen: 3.041 ng  
RT: 6.392 min Scan# 732  
Delta R.T. -0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 4420   |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 421.4 | 75.2  | 115.2# |
| 106      | 42.1  | 71.6  | 111.6# |

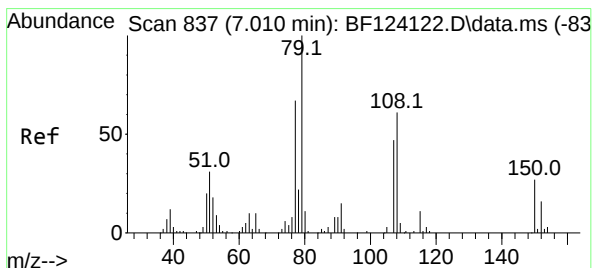
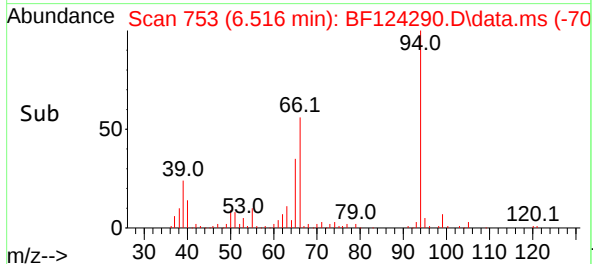
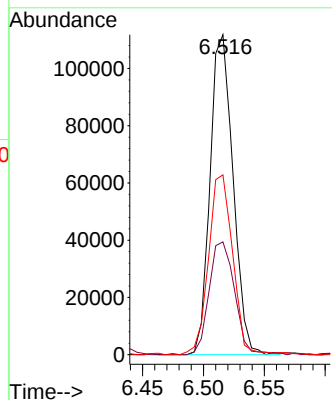
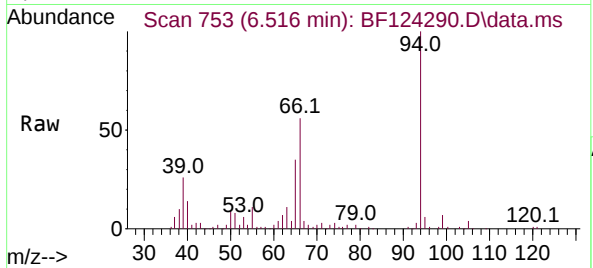




#10  
Phenol  
Concen: 41.464 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

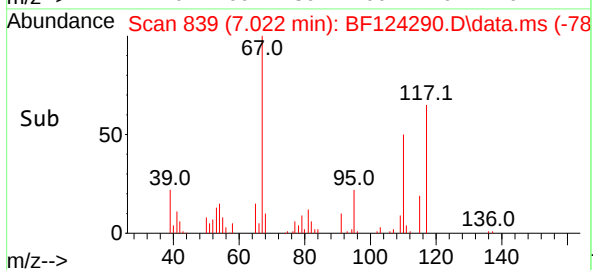
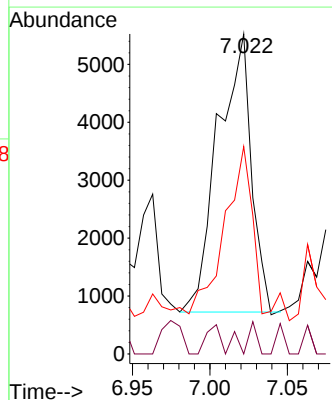
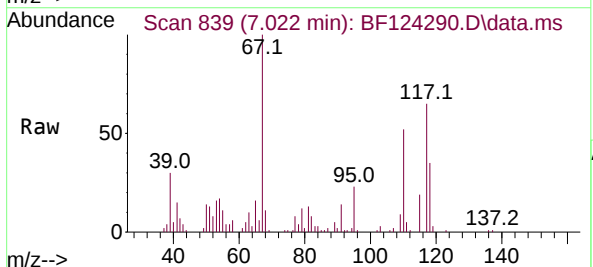
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

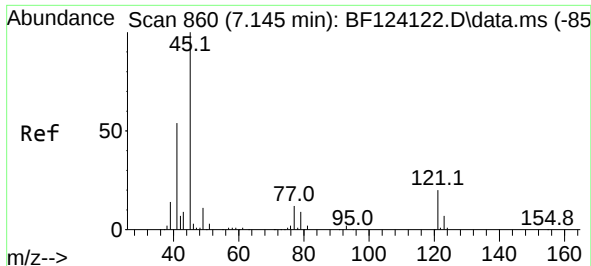
Tgt Ion: 94 Resp: 146512  
Ion Ratio Lower Upper  
94 100  
65 35.3 18.1 58.1  
66 56.2 29.0 69.0



#15  
Benzyl Alcohol  
Concen: 2.435 ng  
RT: 7.022 min Scan# 839  
Delta R.T. 0.024 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion: 79 Resp: 7176  
Ion Ratio Lower Upper  
79 100  
108 0.0 55.8 83.8#  
77 64.8 49.9 74.9

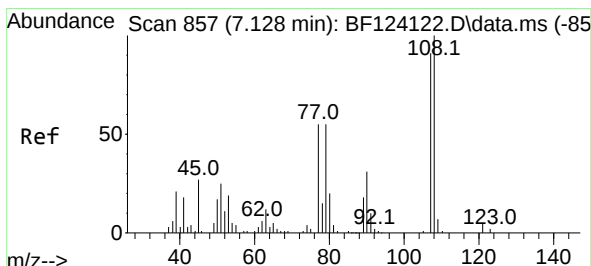
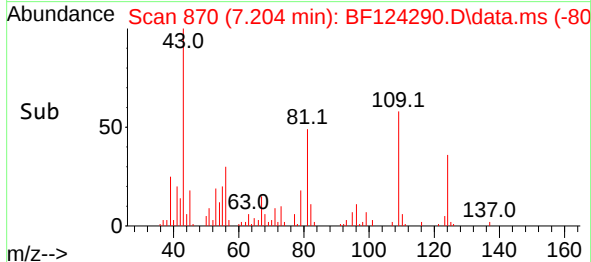
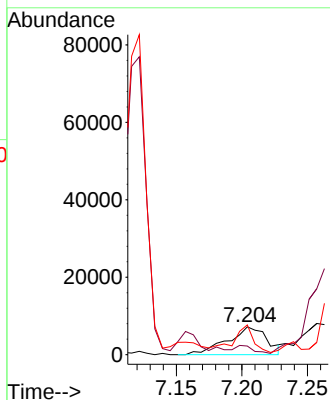
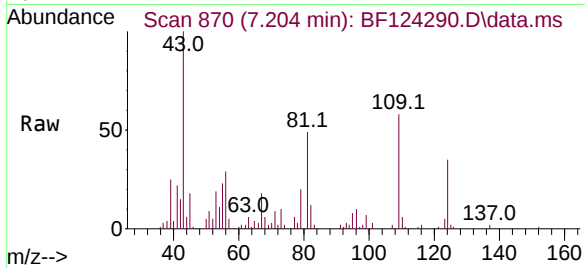




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.738 ng  
RT: 7.204 min Scan# 870  
Delta R.T. 0.077 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

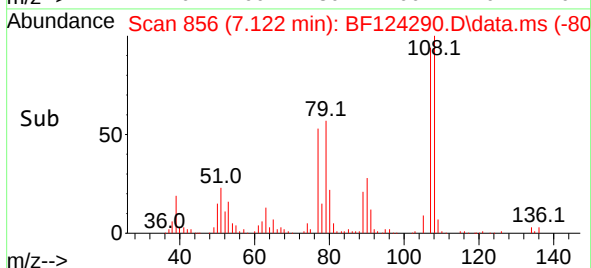
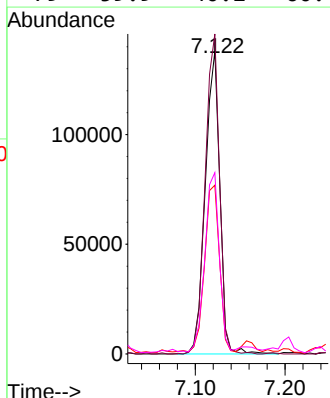
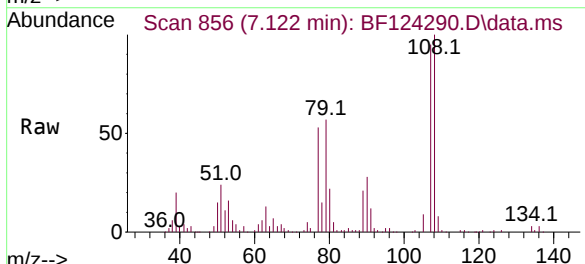
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

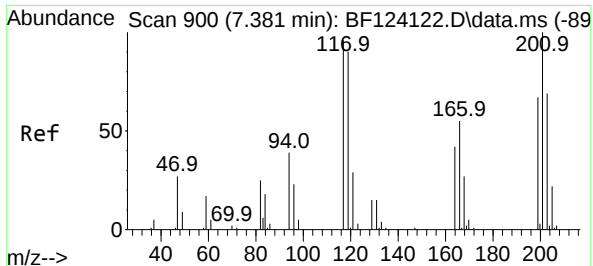
Tgt Ion: 45 Resp: 15020  
Ion Ratio Lower Upper  
45 100  
77 31.2 0.0 30.0#  
79 107.4 0.0 27.3#



#17  
2-Methylphenol  
Concen: 70.773 ng  
RT: 7.122 min Scan# 856  
Delta R.T. 0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion: 107 Resp: 155719  
Ion Ratio Lower Upper  
107 100  
108 105.7 89.8 134.8  
77 55.8 40.9 61.3  
79 59.9 40.2 60.4

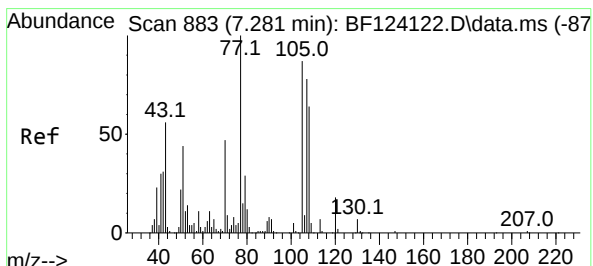
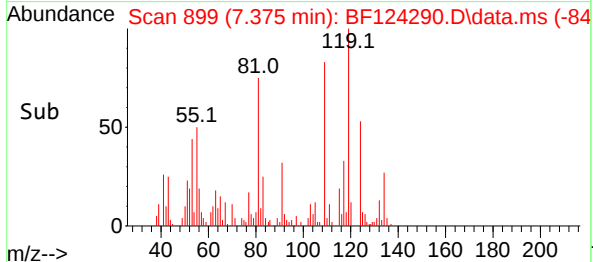
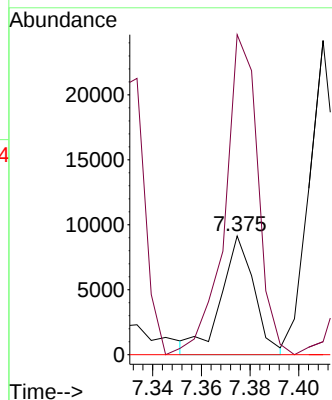
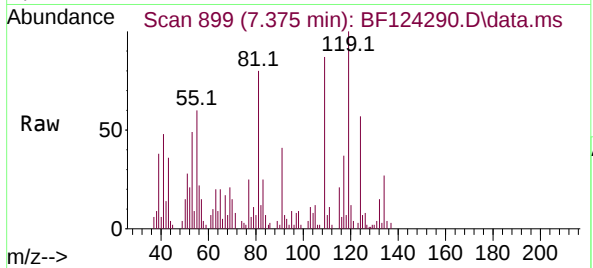




#18  
Hexachloroethane  
Concen: 6.885 ng  
RT: 7.375 min Scan# 899  
Delta R.T. 0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

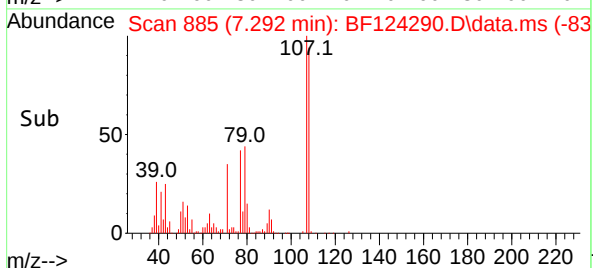
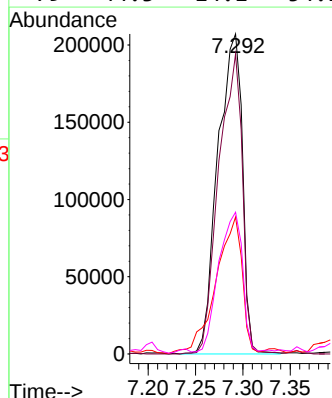
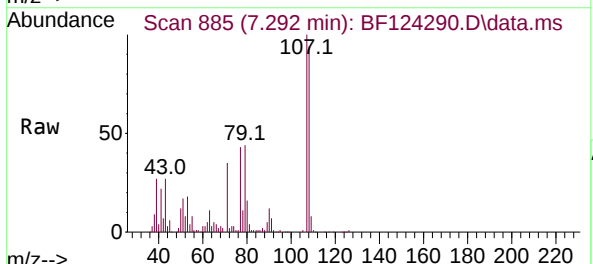
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

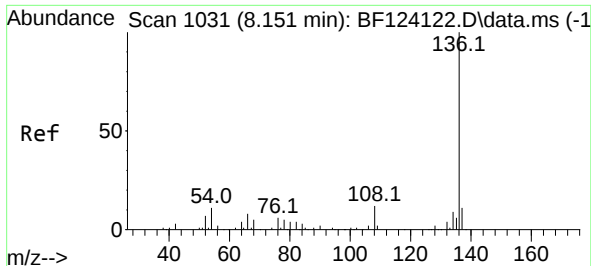
Tgt Ion:117 Resp: 8606  
Ion Ratio Lower Upper  
117 100  
119 269.7 77.8 116.8#  
201 0.0 67.8 101.8#



#20  
3+4-Methylphenols  
Concen: 127.597 ng  
RT: 7.292 min Scan# 885  
Delta R.T. 0.024 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

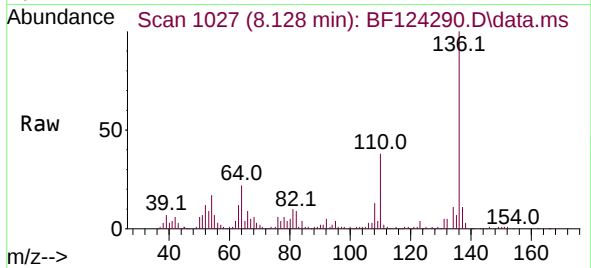
Tgt Ion:107 Resp: 371994  
Ion Ratio Lower Upper  
107 100  
108 93.7 71.5 111.5  
77 42.8 82.0 122.0#  
79 44.3 14.1 54.1



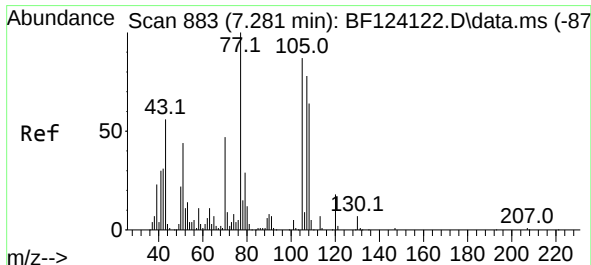
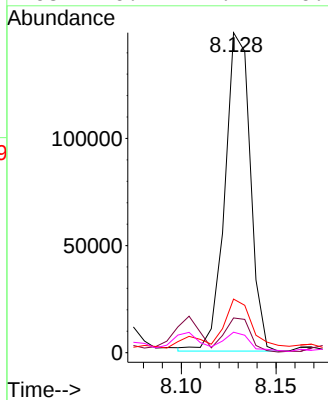
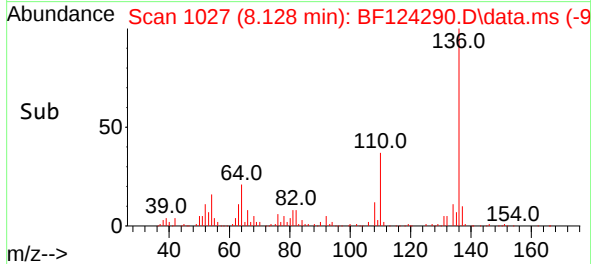


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

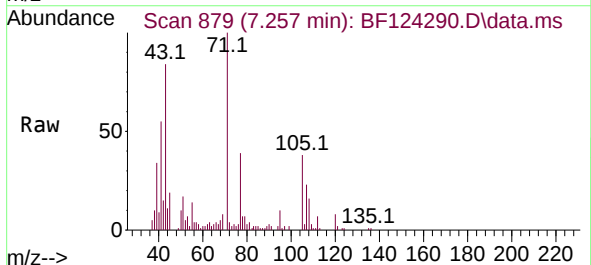
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921



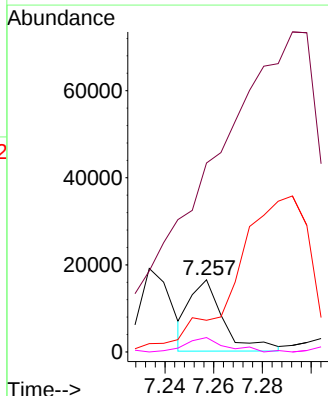
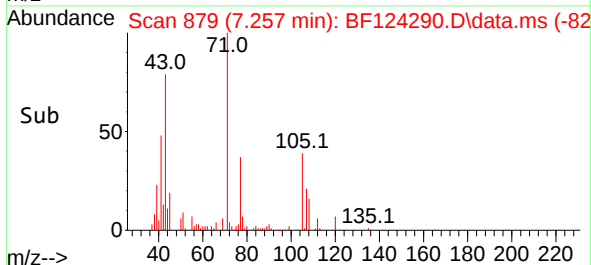
Tgt Ion:136 Resp: 138642  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 16.7 9.8 14.6#  
68 6.4 4.1 6.1#

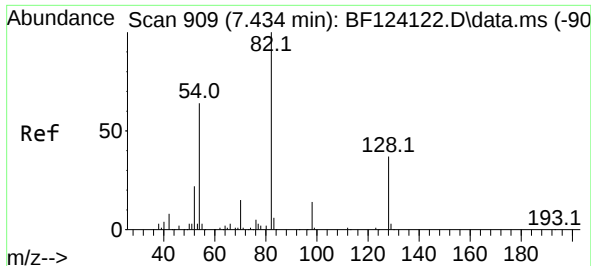


#22  
Acetophenone  
Concen: 3.983 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14



Tgt Ion:105 Resp: 15743  
Ion Ratio Lower Upper  
105 100  
71 262.0 4.2 6.4#  
51 43.9 33.6 50.4  
120 19.9 16.3 24.5





#23

Nitrobenzene-d5

Concen: 16.110 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

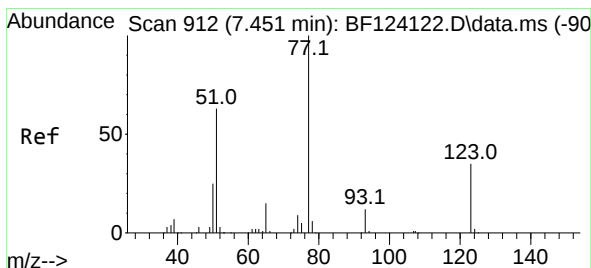
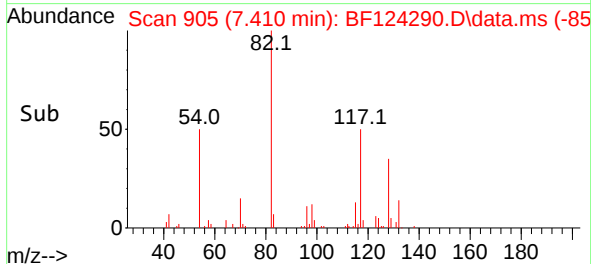
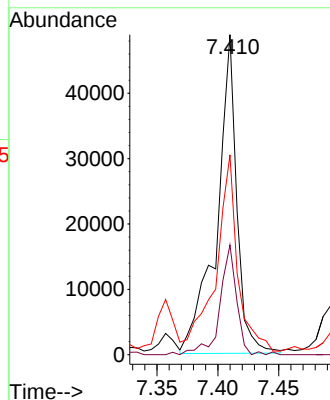
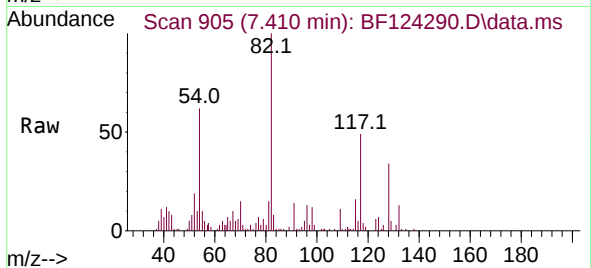
Instrument :

BNA\_F

ClientSampleId :

TMR-DS-06-060921

|             |             |
|-------------|-------------|
| Tgt Ion: 82 | Resp: 56315 |
| Ion Ratio   | Lower Upper |
| 82 100      |             |
| 128 34.3    | 29.4 44.2   |
| 54 62.4     | 54.1 81.1   |



#24

Nitrobenzene

Concen: 3.409 ng

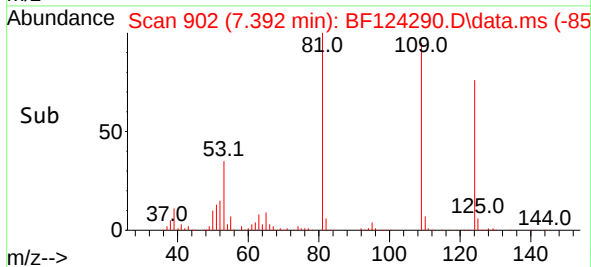
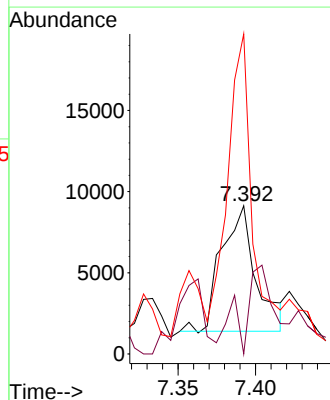
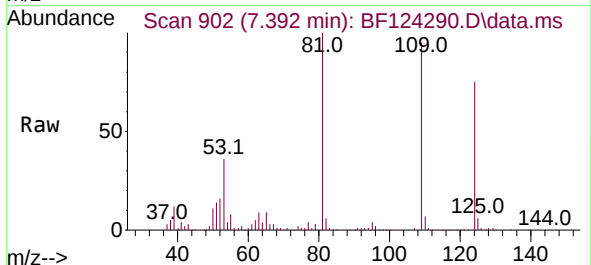
RT: 7.392 min Scan# 902

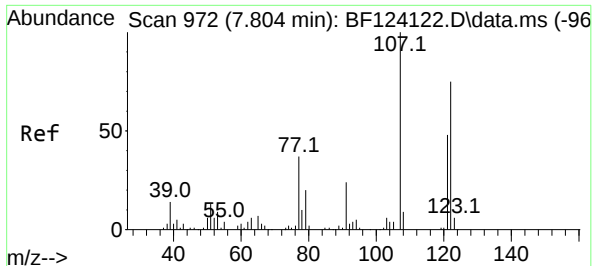
Delta R.T. -0.041 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 11956 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 123 0.0     | 34.5 51.7#  |
| 65 215.9    | 12.2 18.2#  |





#27

2,4-Dimethylphenol

Concen: 118.143 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.018 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

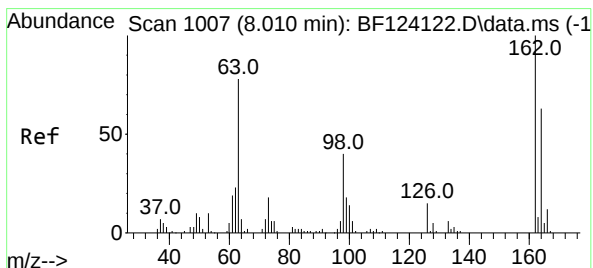
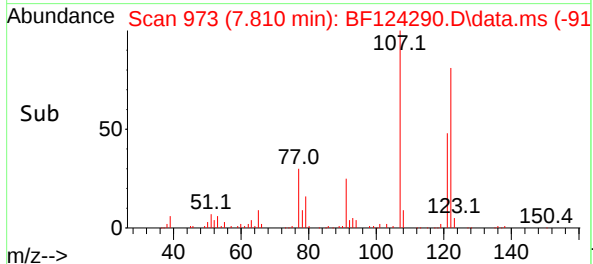
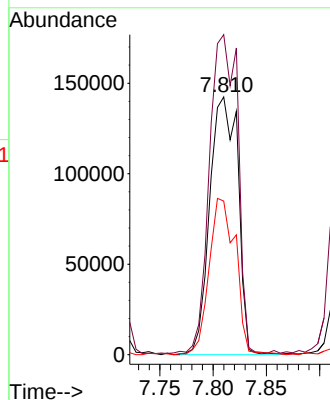
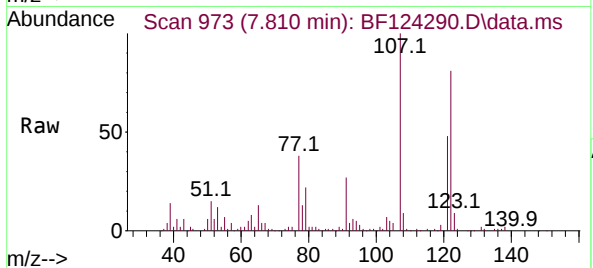
Tgt Ion:122 Resp: 260970

Ion Ratio Lower Upper

122 100

107 124.1 106.3 159.5

121 59.6 45.4 68.0



#29

2,4-Dichlorophenol

Concen: 2.369 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.018 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

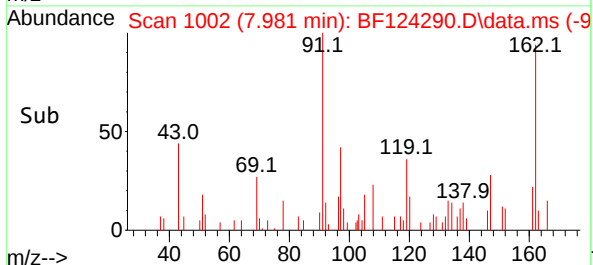
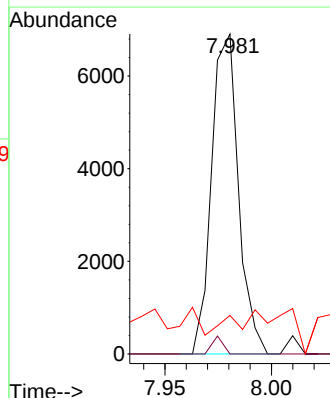
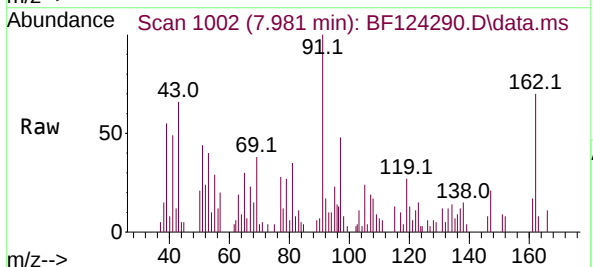
Tgt Ion:162 Resp: 6056

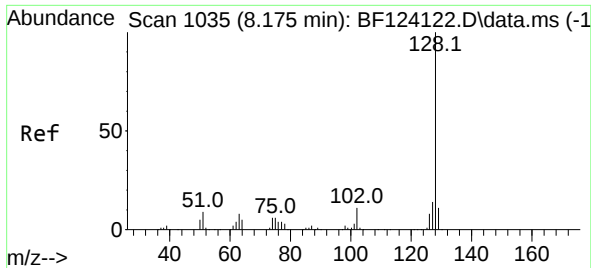
Ion Ratio Lower Upper

162 100

164 0.0 44.1 84.1#

98 12.1 27.3 67.3#

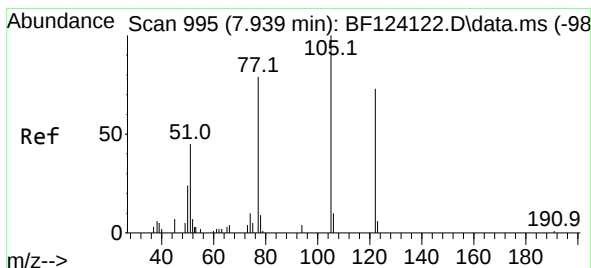
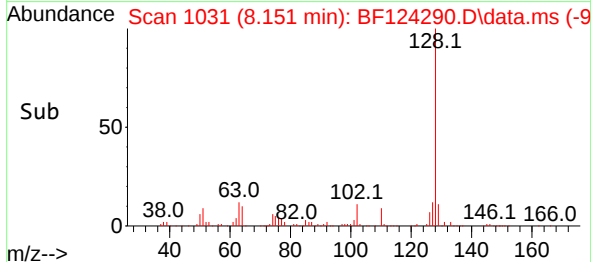
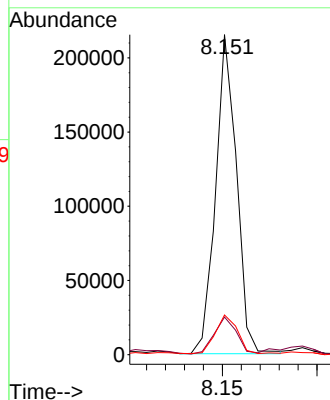
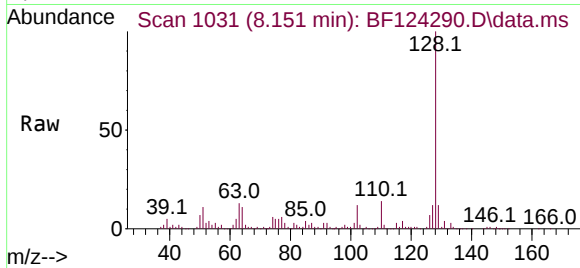




#31  
Naphthalene  
Concen: 19.930 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

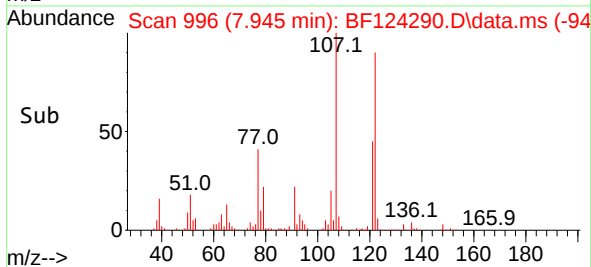
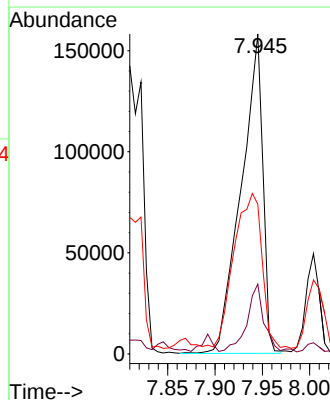
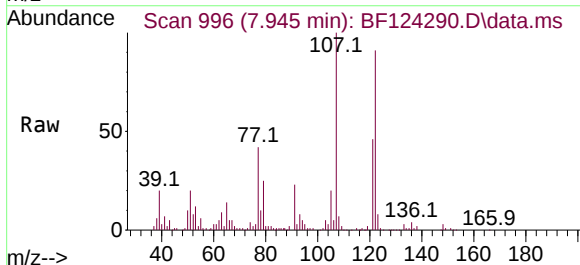
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

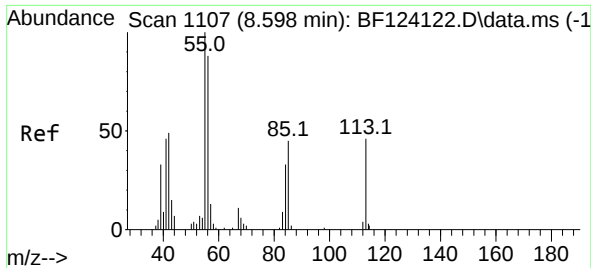
Tgt Ion:128 Resp: 165201  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.9 13.3  
127 12.4 10.8 16.2



#32  
Benzoic acid  
Concen: 185.528 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.018 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:122 Resp: 251472  
Ion Ratio Lower Upper  
122 100  
105 21.8 107.8 147.8#  
77 46.8 81.6 121.6#

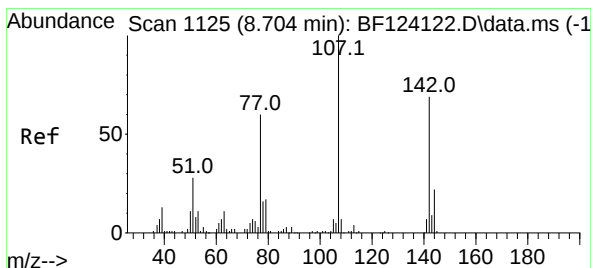
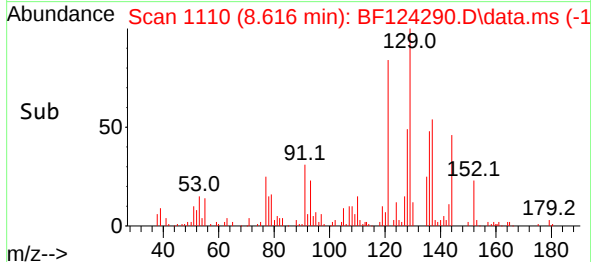
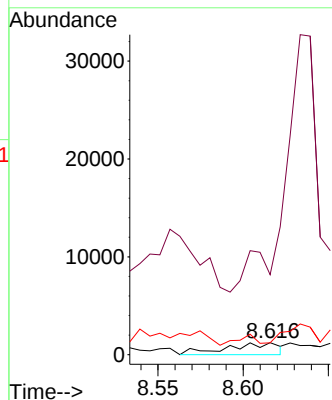
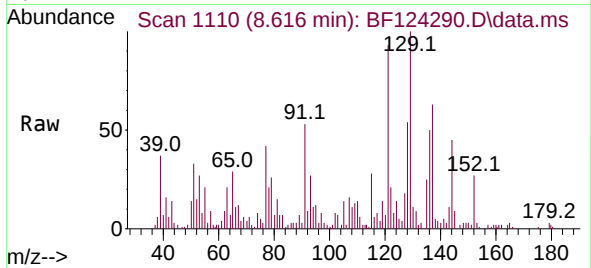




#35  
 Caprolactam  
 Concen: 3.676 ng  
 RT: 8.616 min Scan# 1110  
 Delta R.T. 0.035 min  
 Lab File: BF124290.D  
 Acq: 12 Jun 2021 17:14

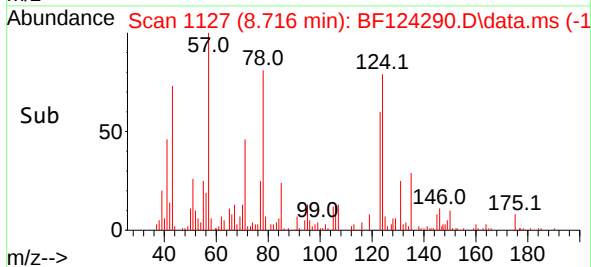
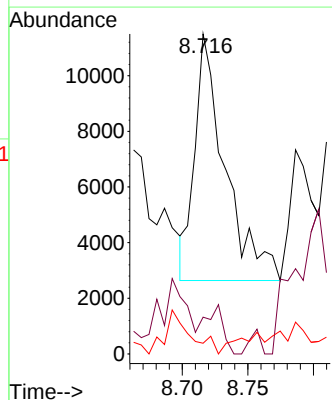
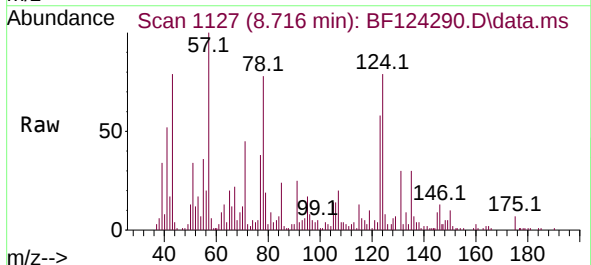
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TMR-DS-06-060921

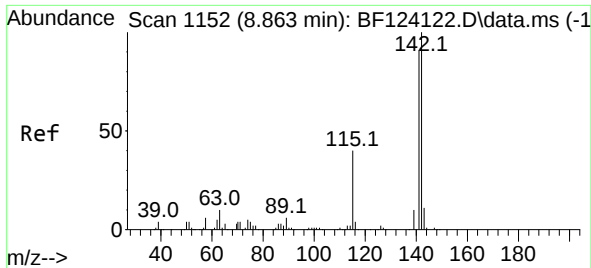
Tgt Ion:113 Resp: 2581  
 Ion Ratio Lower Upper  
 113 100  
 55 661.9 254.9 294.9#  
 56 97.7 179.4 219.4#



#36  
 4-Chloro-3-methylphenol  
 Concen: 5.074 ng  
 RT: 8.716 min Scan# 1127  
 Delta R.T. 0.018 min  
 Lab File: BF124290.D  
 Acq: 12 Jun 2021 17:14

Tgt Ion:107 Resp: 14188  
 Ion Ratio Lower Upper  
 107 100  
 144 11.5 16.3 24.5#  
 142 3.4 50.1 75.1#

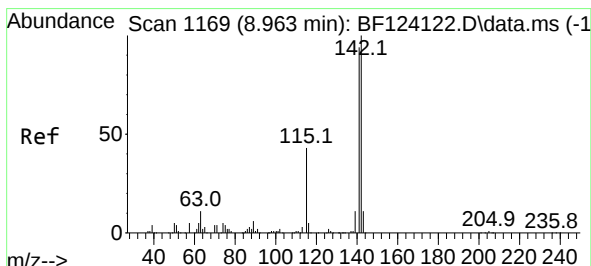
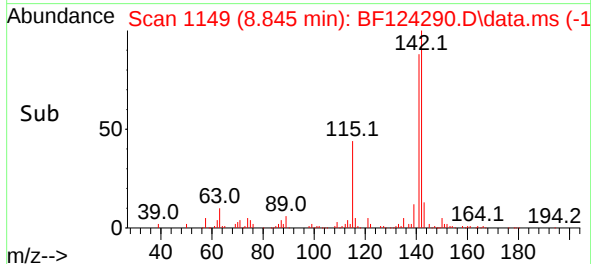
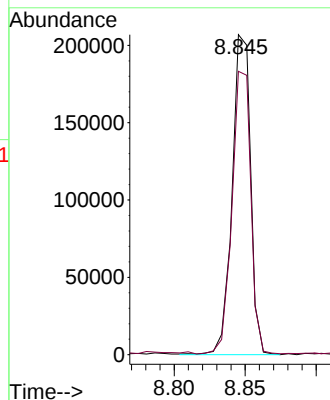
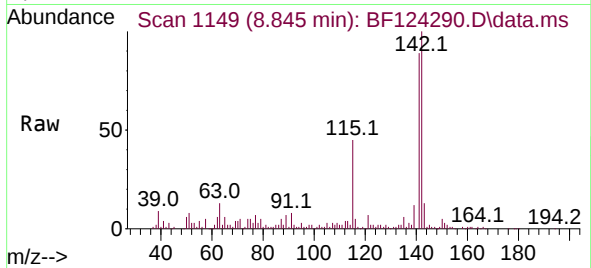




#37  
2-Methylnaphthalene  
Concen: 32.271 ng  
RT: 8.845 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

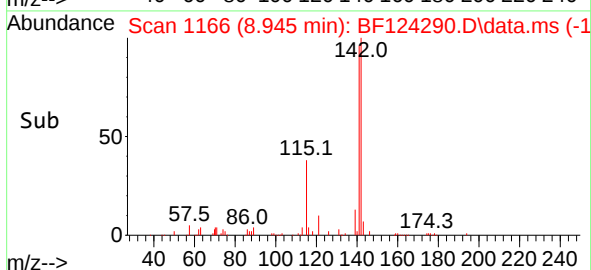
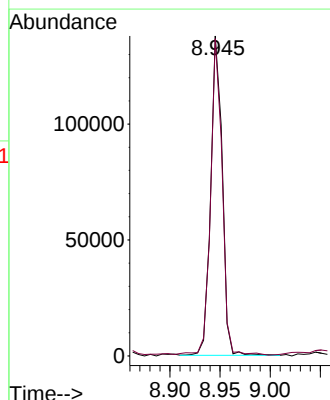
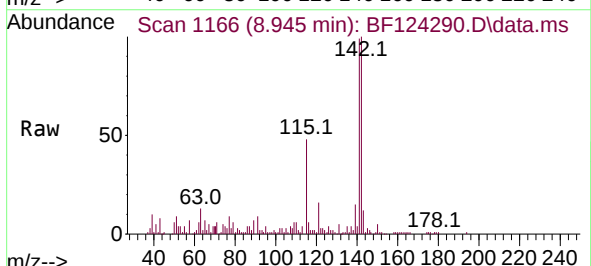
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

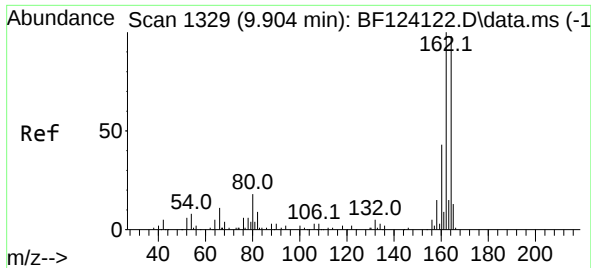
Tgt Ion:142 Resp: 187585  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.8 107.6



#38  
1-Methylnaphthalene  
Concen: 20.294 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:142 Resp: 110236  
Ion Ratio Lower Upper  
142 100  
141 99.2 72.8 109.2

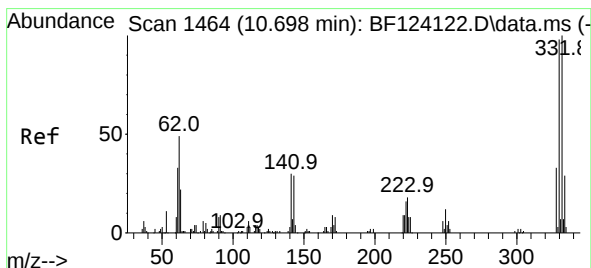
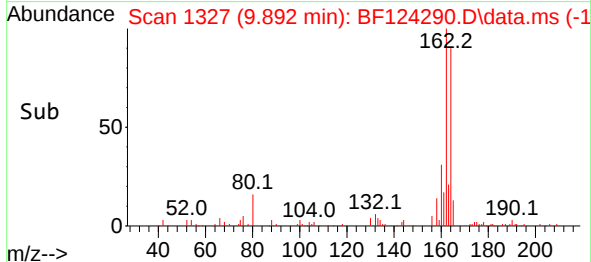
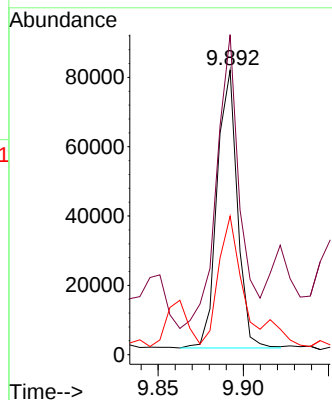
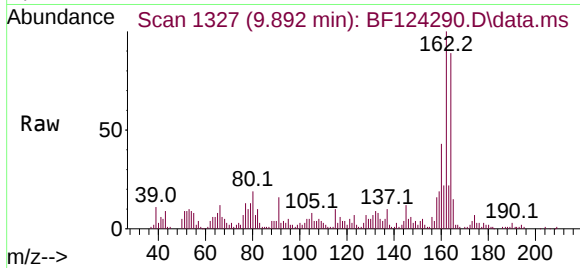




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

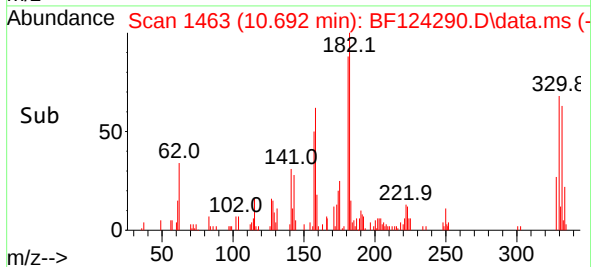
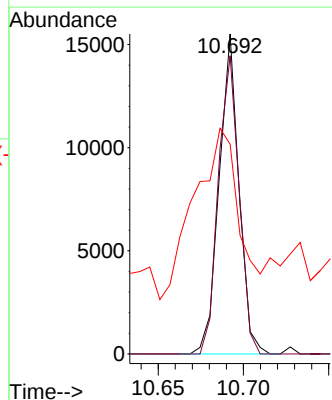
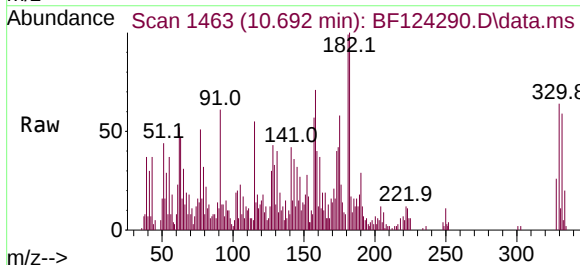
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

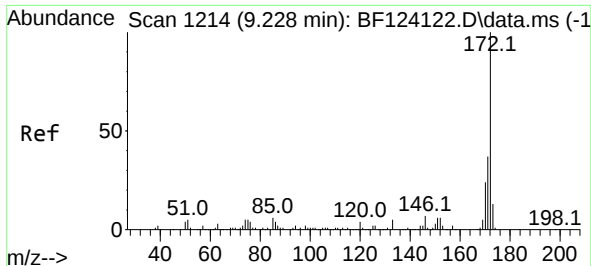
Tgt Ion:164 Resp: 66315  
Ion Ratio Lower Upper  
164 100  
162 112.5 80.7 121.1  
160 48.7 37.3 55.9



#42  
2,4,6-Tribromophenol  
Concen: 13.323 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:330 Resp: 12517  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.1 115.7  
141 118.6 27.9 41.9#

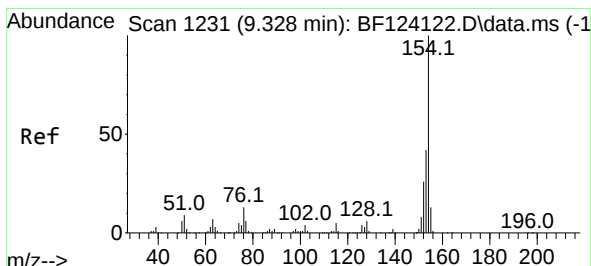
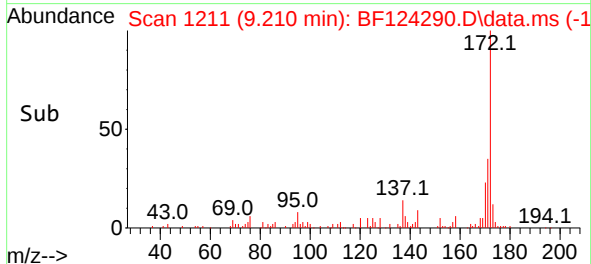
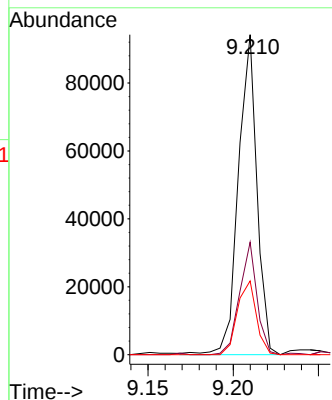
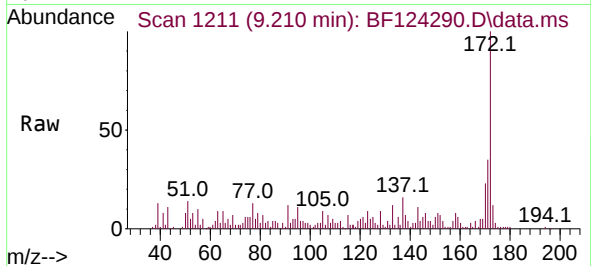




#45  
2-Fluorobiphenyl  
Concen: 13.580 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

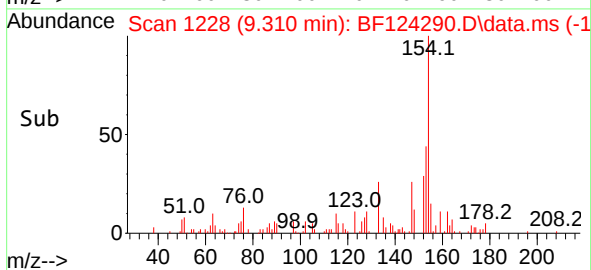
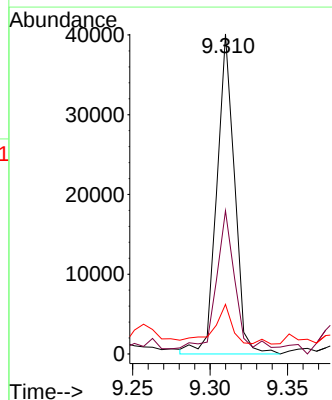
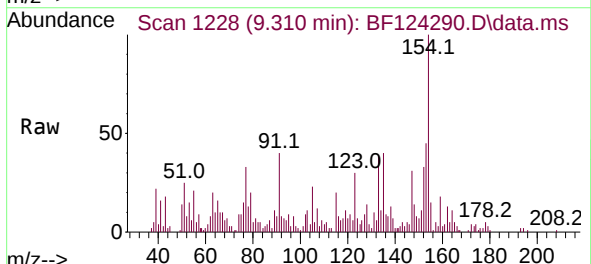
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

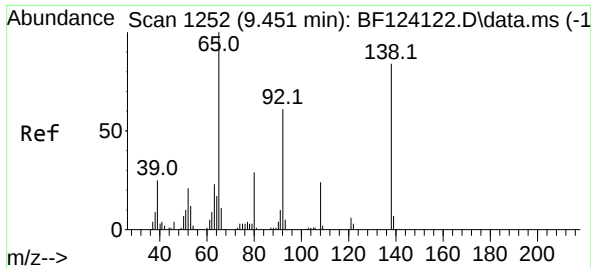
Tgt Ion:172 Resp: 71564  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 23.0 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 5.708 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:154 Resp: 31953  
Ion Ratio Lower Upper  
154 100  
153 44.7 20.7 60.7  
76 15.5 0.0 31.7

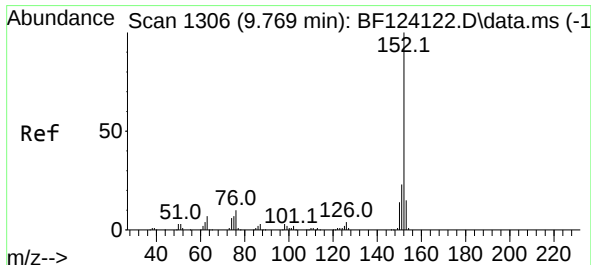
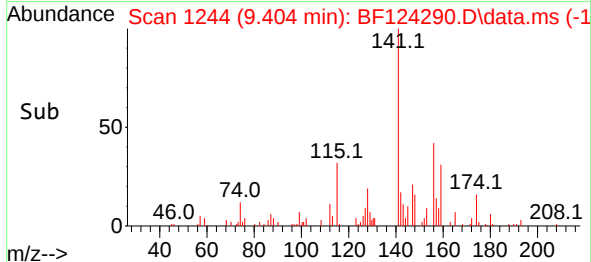
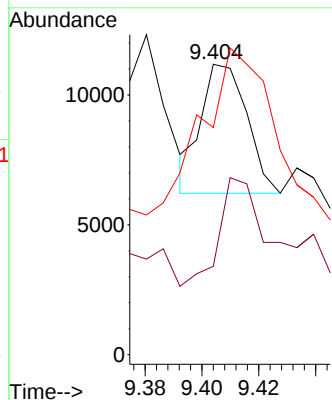
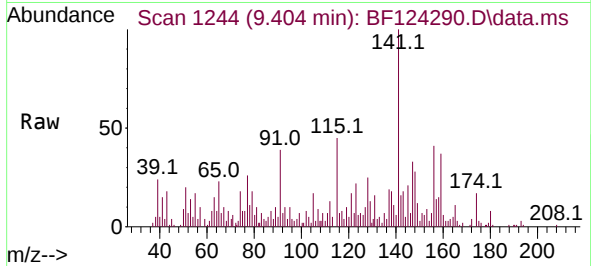




#48  
2-Nitroaniline  
Concen: 3.364 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. -0.035 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

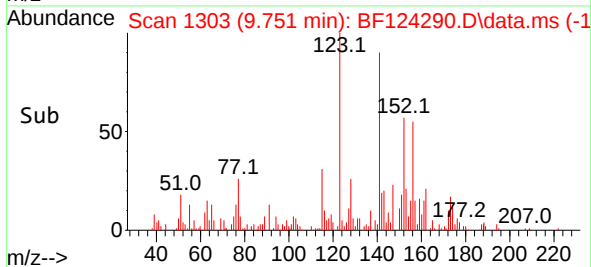
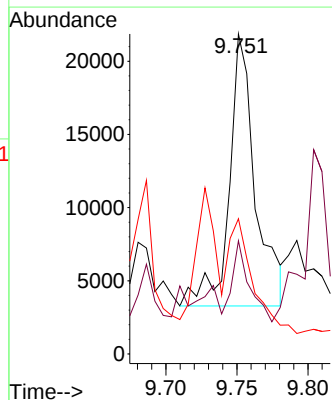
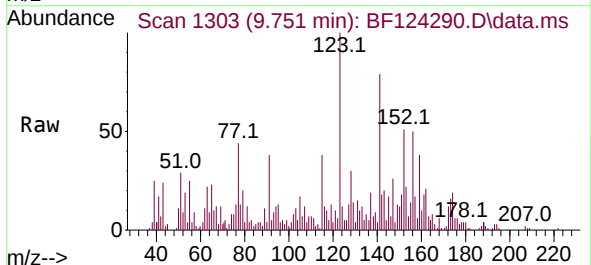
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

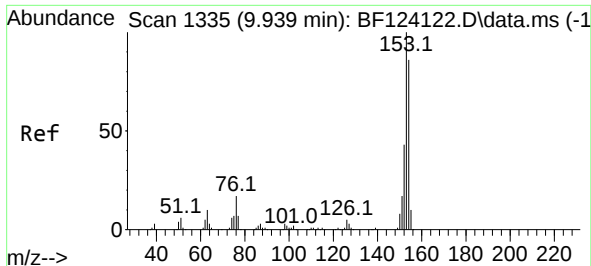
Tgt Ion: 65 Resp: 5531  
Ion Ratio Lower Upper  
65 100  
92 30.4 47.1 70.7#  
138 78.2 70.2 105.2



#49  
Acenaphthylene  
Concen: 3.596 ng  
RT: 9.751 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion: 152 Resp: 23817  
Ion Ratio Lower Upper  
152 100  
151 35.4 16.0 24.0#  
153 42.3 10.4 15.6#

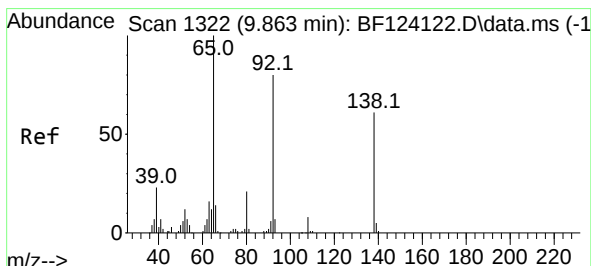
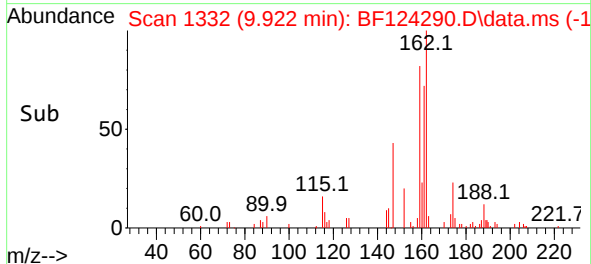
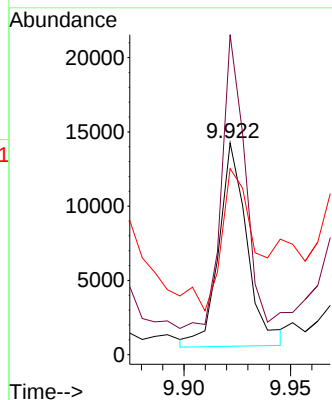
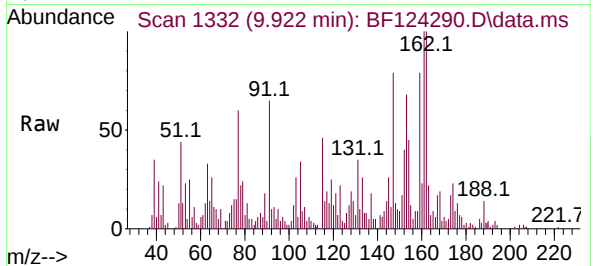




#52  
Acenaphthene  
Concen: 2.925 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

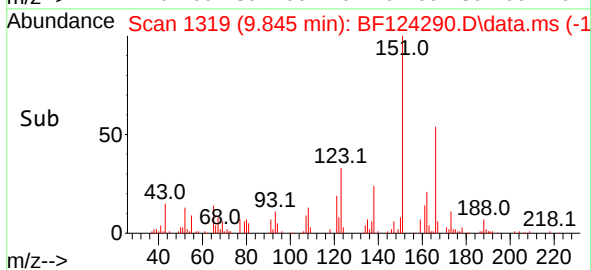
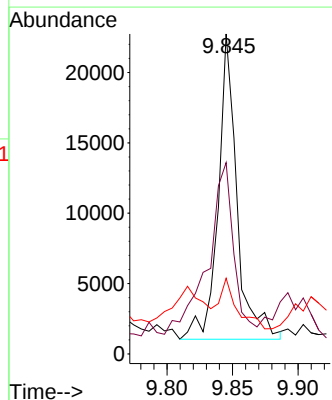
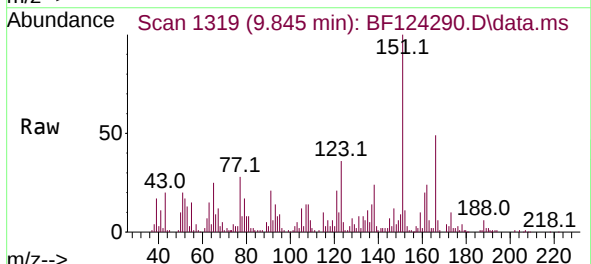
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

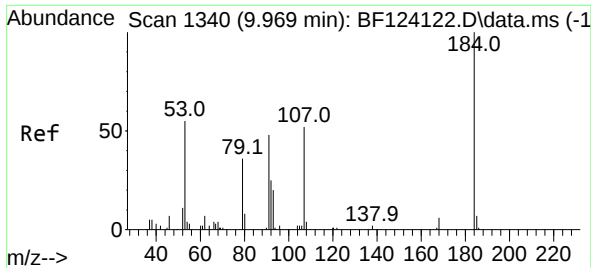
Tgt Ion:154 Resp: 12655  
Ion Ratio Lower Upper  
154 100  
153 151.1 88.1 132.1#  
152 87.8 43.4 65.0#



#53  
3-Nitroaniline  
Concen: 18.445 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:138 Resp: 21717  
Ion Ratio Lower Upper  
138 100  
108 59.8 10.2 15.4#  
92 23.6 103.3 154.9#

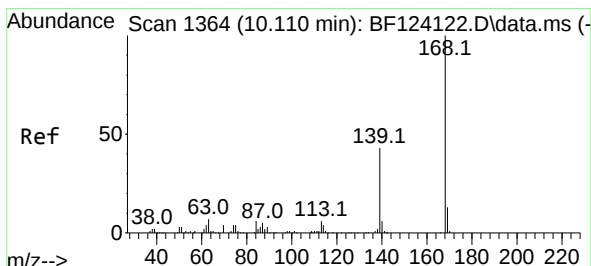
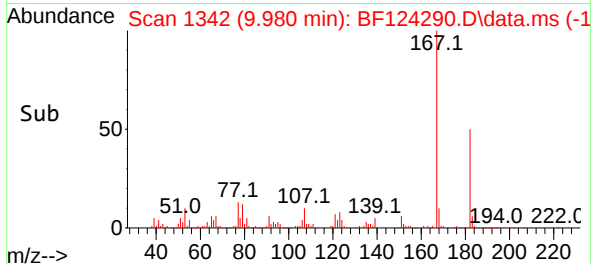
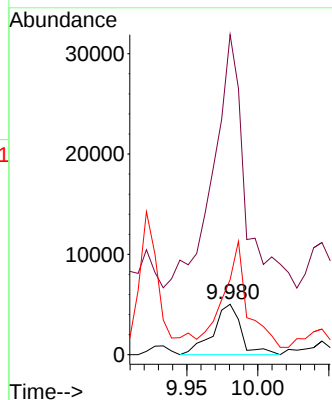
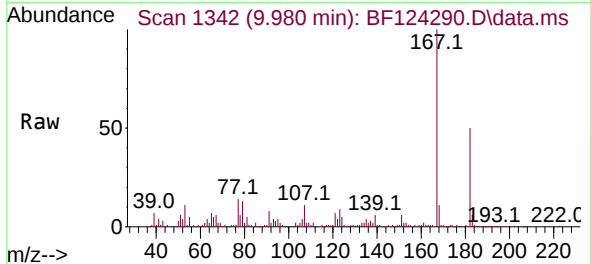




#54  
2,4-Dinitrophenol  
Concen: 13.762 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.024 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

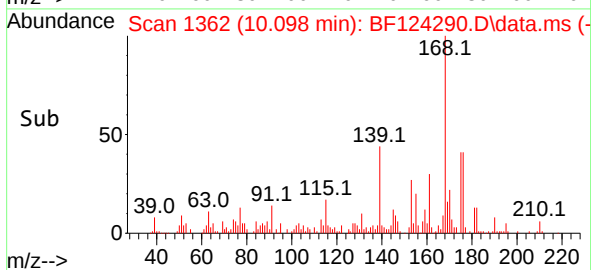
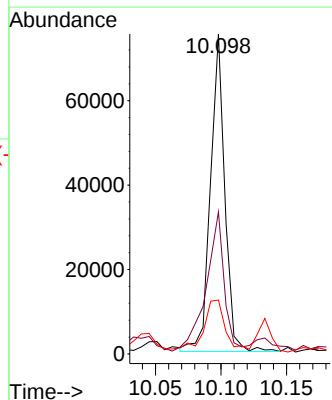
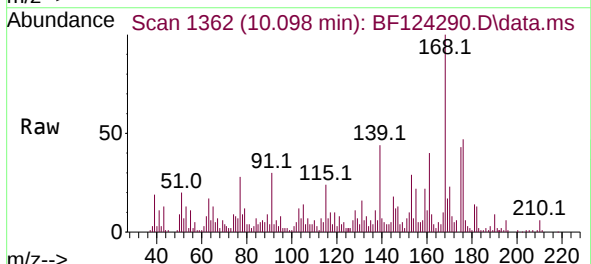
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

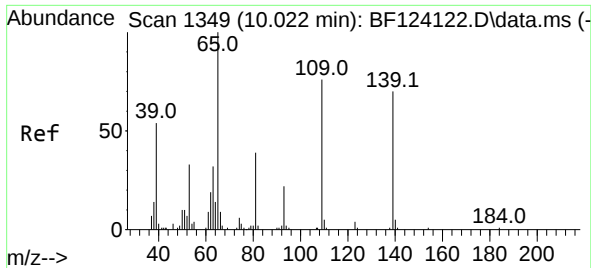
Tgt Ion:184 Resp: 6896  
Ion Ratio Lower Upper  
184 100  
63 634.6 73.5 110.3#  
154 148.8 52.5 78.7#



#55  
Dibenzofuran  
Concen: 8.490 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:168 Resp: 57481  
Ion Ratio Lower Upper  
168 100  
139 44.4 33.2 49.8  
169 16.8 10.8 16.2#

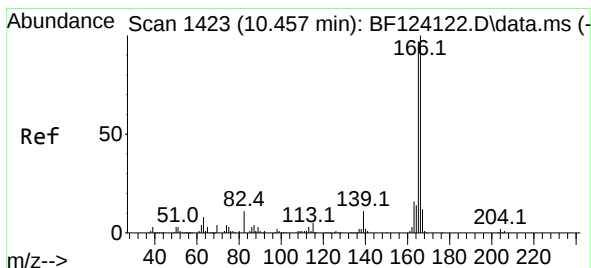
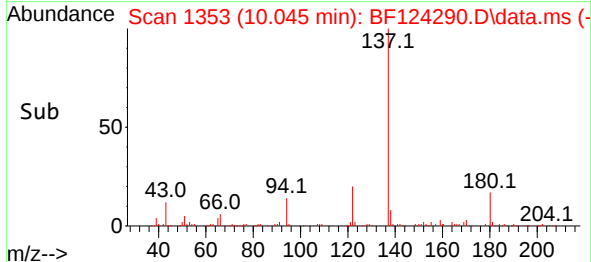
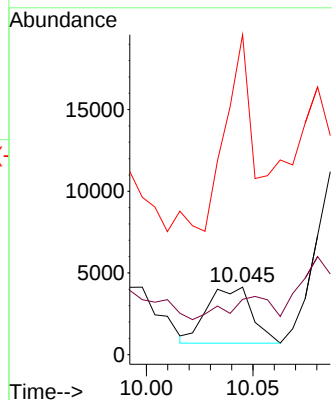
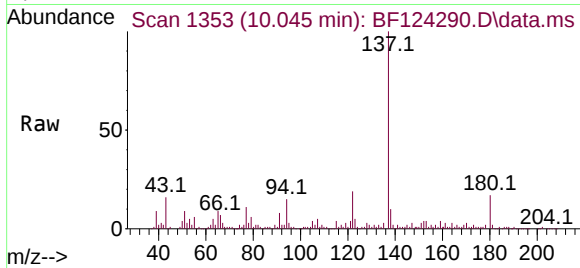




#56  
4-Nitrophenol  
Concen: 5.972 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.024 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

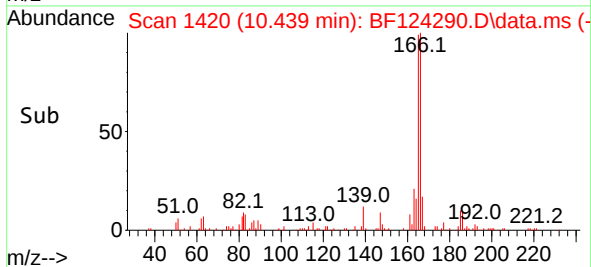
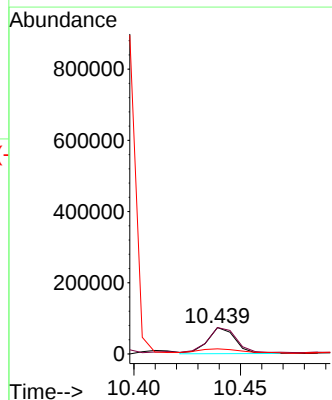
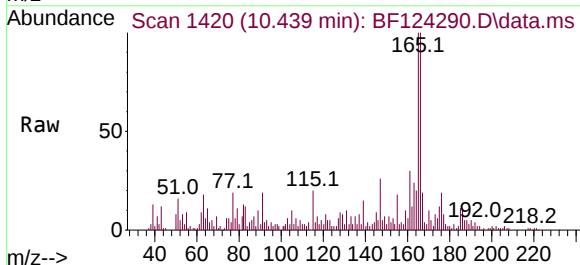
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

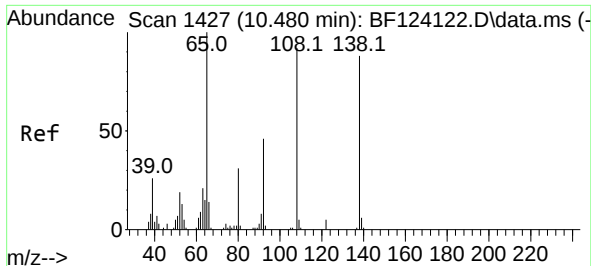
Tgt Ion:139 Resp: 5025  
Ion Ratio Lower Upper  
139 100  
109 81.9 63.2 103.2  
65 473.6 110.0 150.0#



#58  
Fluorene  
Concen: 12.719 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:166 Resp: 66101  
Ion Ratio Lower Upper  
166 100  
165 99.8 73.5 110.3  
167 19.5 10.7 16.1#

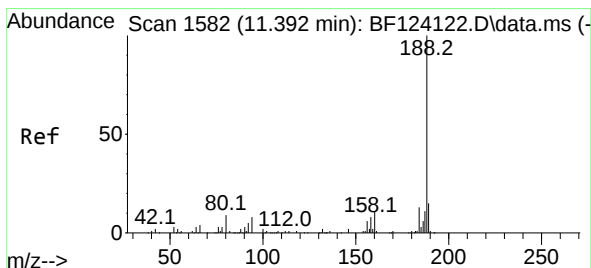
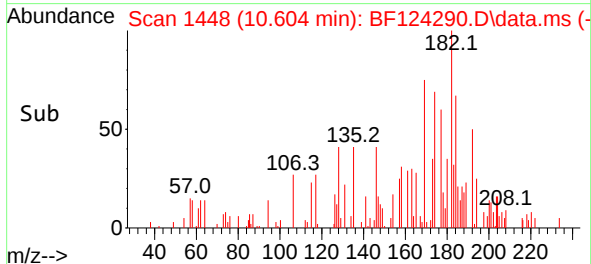
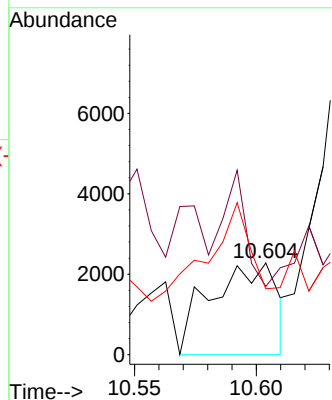
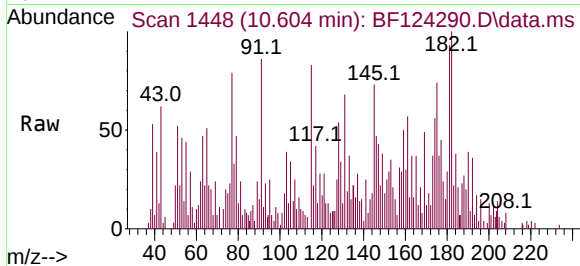




#62  
4-Nitroaniline  
Concen: 3.622 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.141 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

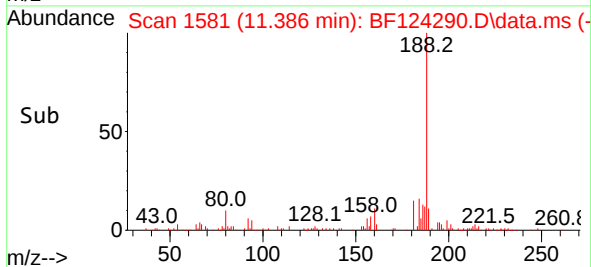
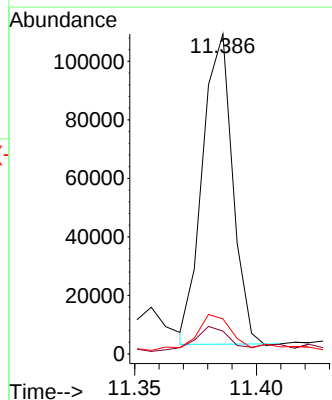
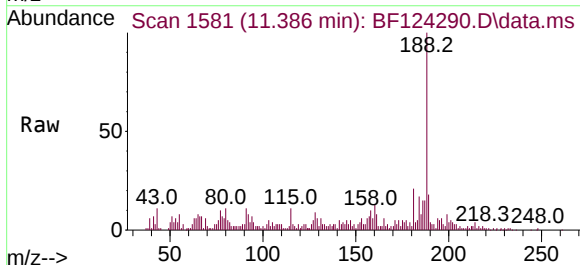
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

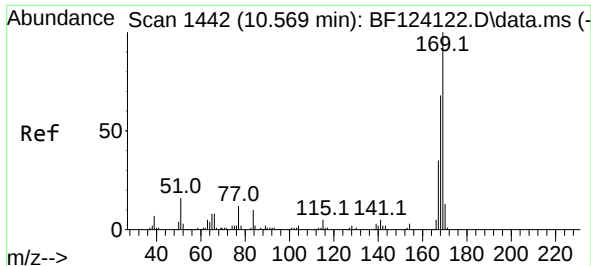
Tgt Ion:138 Resp: 4288  
Ion Ratio Lower Upper  
138 100  
92 74.3 35.8 75.8  
108 71.9 63.6 103.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. 0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:188 Resp: 91090  
Ion Ratio Lower Upper  
188 100  
94 7.2 6.9 10.3  
80 11.0 8.2 12.2

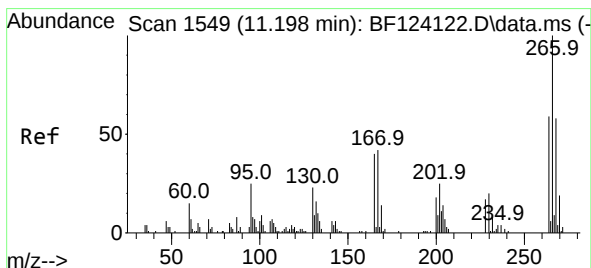
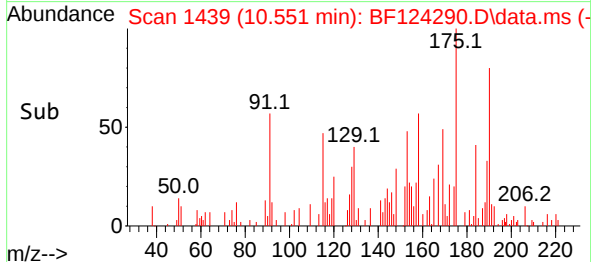
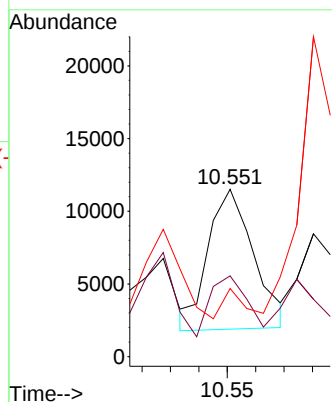
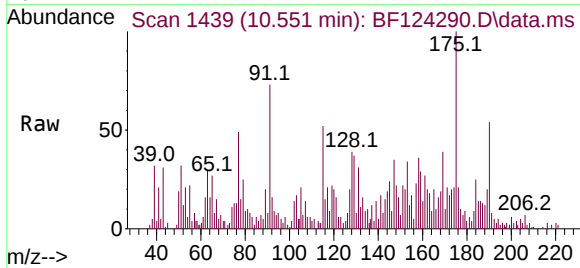




#66  
n-Nitrosodiphenylamine  
Concen: 3.099 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. 0.000 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

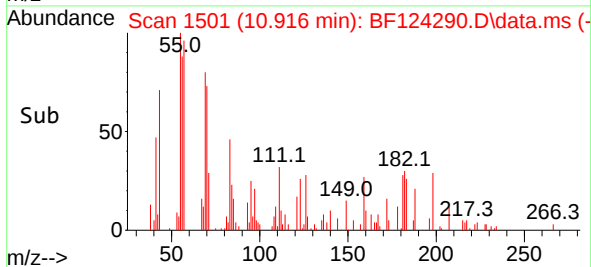
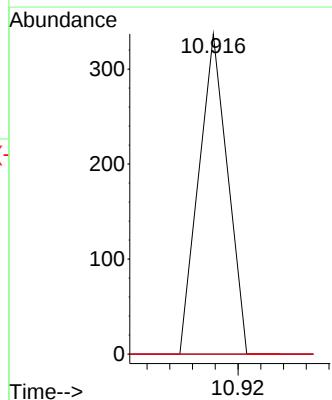
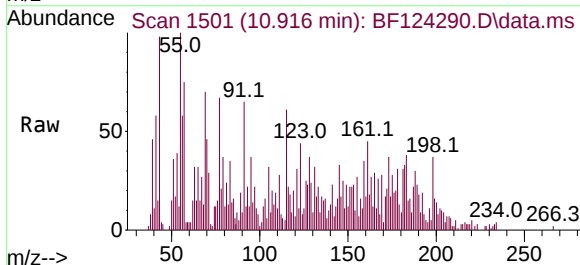
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

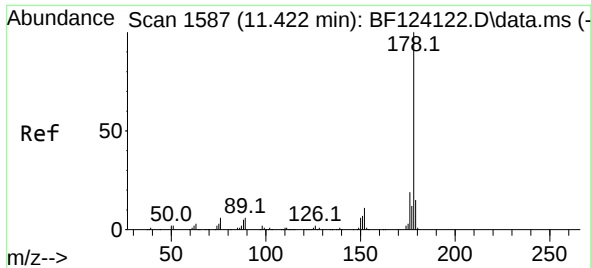
Tgt Ion:169 Resp: 10724  
Ion Ratio Lower Upper  
169 100  
168 48.3 53.3 79.9#  
167 40.7 29.9 44.9



#70  
Pentachlorophenol  
Concen: 4.815 ng  
RT: 10.916 min Scan# 1501  
Delta R.T. -0.270 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:266 Resp: 119  
Ion Ratio Lower Upper  
266 100  
268 0.0 51.6 77.4#  
264 0.0 52.6 78.8#

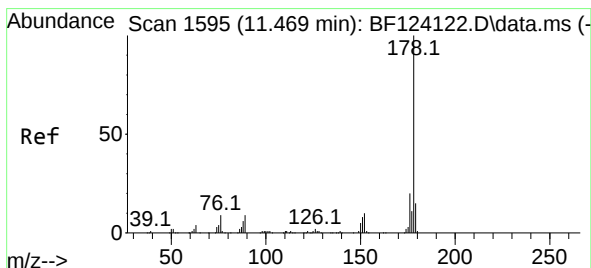
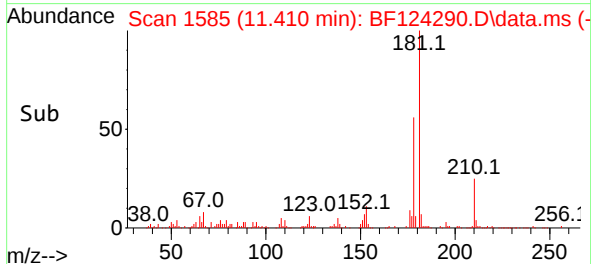
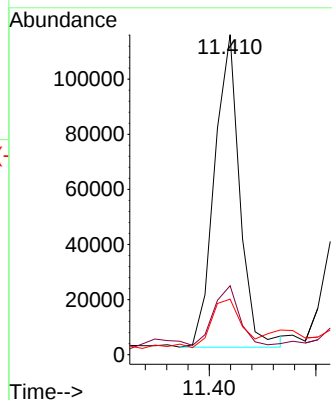
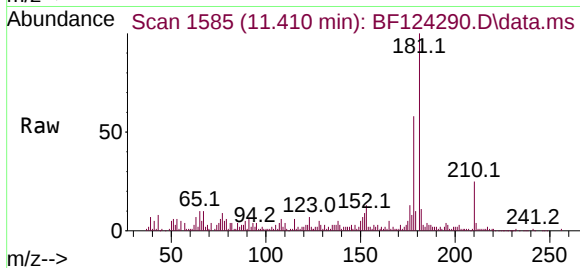




#71  
Phenanthrene  
Concen: 16.411 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. 0.006 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

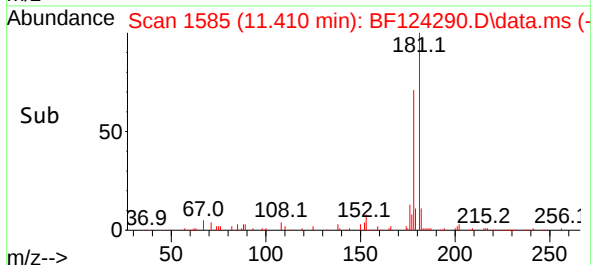
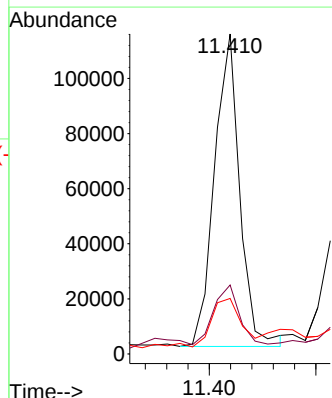
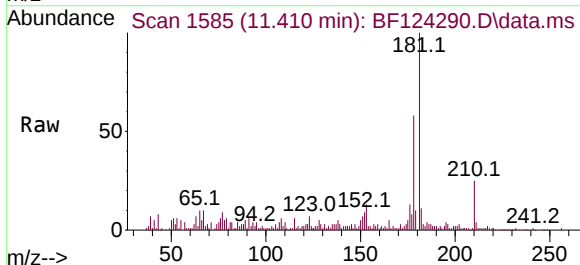
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

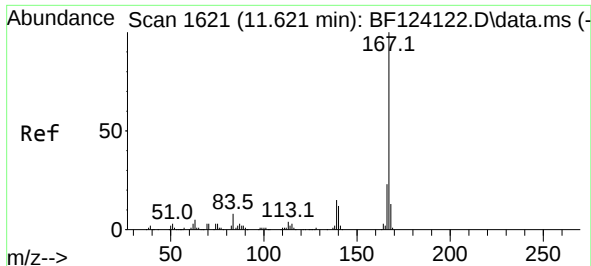
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 93382 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 21.5  | 15.6  | 23.4  |
| 179       | 17.3  | 12.5  | 18.7  |



#72  
Anthracene  
Concen: 16.295 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.047 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

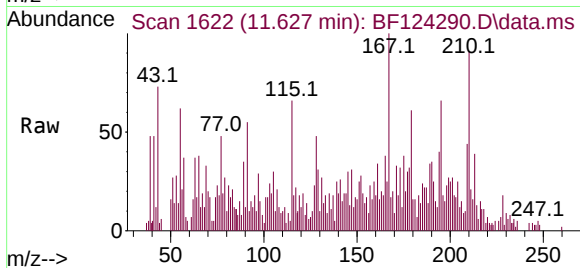
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 93382 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 21.5  | 15.4  | 23.0  |
| 179       | 17.3  | 12.6  | 18.8  |



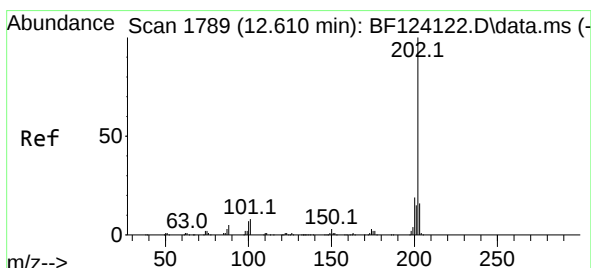
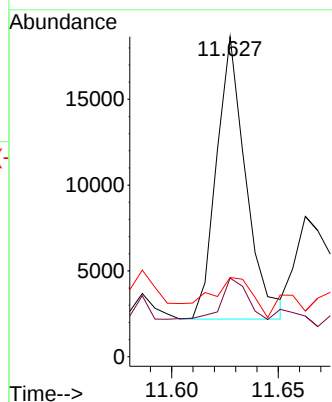
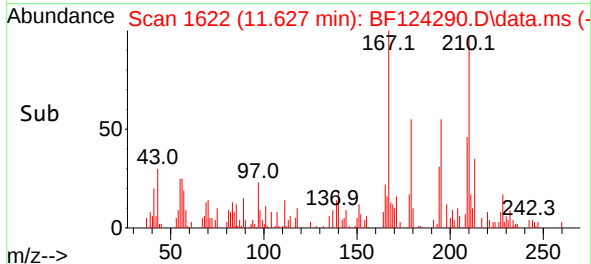


#73  
 Carbazole  
 Concen: 3.151 ng  
 RT: 11.627 min Scan# 1622  
 Delta R.T. 0.018 min  
 Lab File: BF124290.D  
 Acq: 12 Jun 2021 17:14

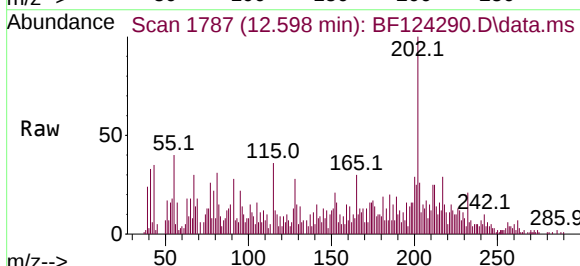
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TMR-DS-06-060921



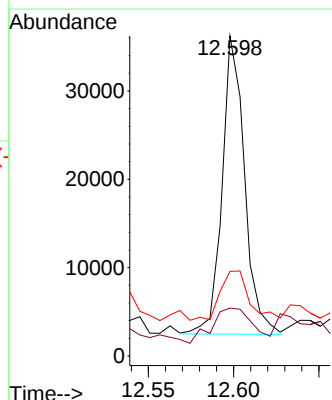
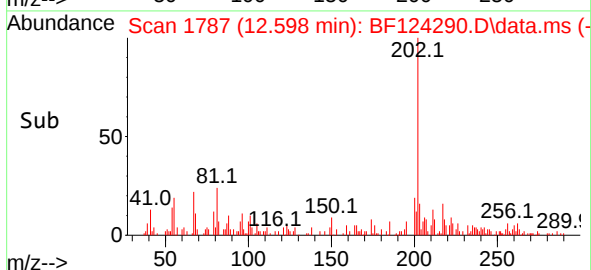
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 167   | Resp: | 15734 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 24.6  | 17.0  | 25.6  |
| 139       | 24.8  | 10.4  | 15.6# |

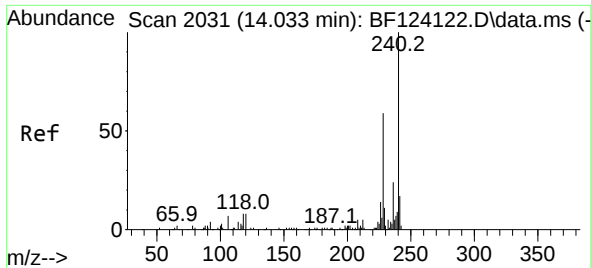


#75  
 Fluoranthene  
 Concen: 5.171 ng  
 RT: 12.598 min Scan# 1787  
 Delta R.T. 0.006 min  
 Lab File: BF124290.D  
 Acq: 12 Jun 2021 17:14



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 30888 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 15.0  | 0.0   | 30.9  |
| 203       | 26.4  | 0.0   | 37.5  |

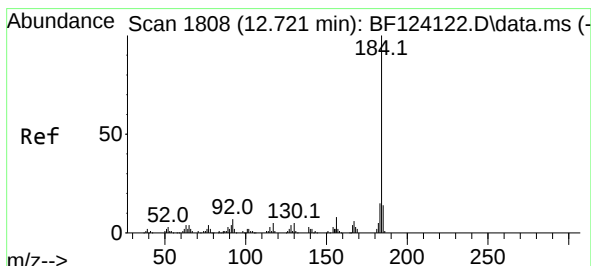
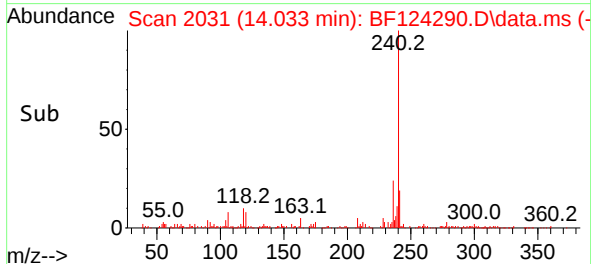
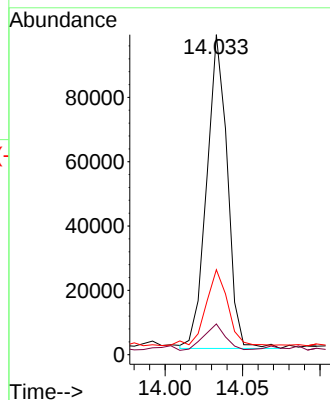
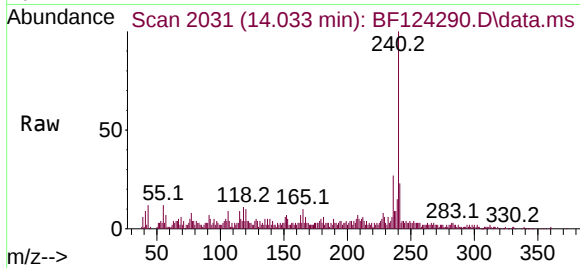




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

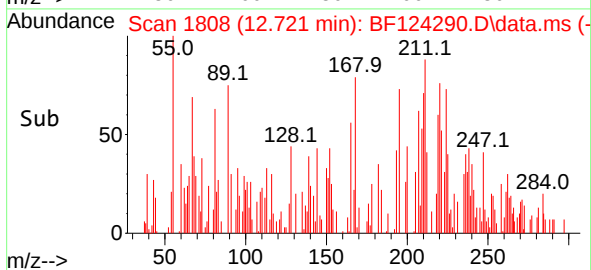
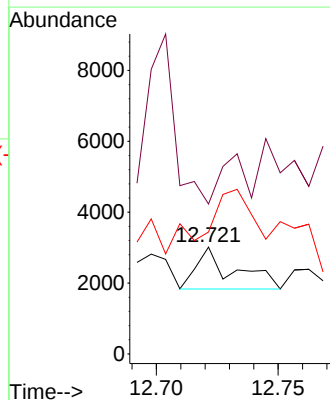
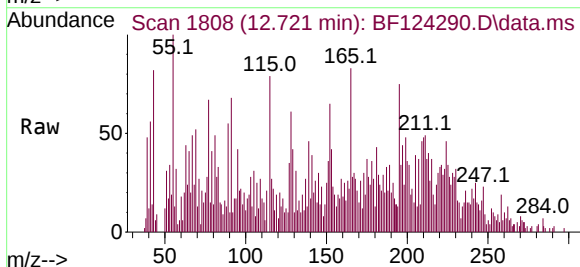
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

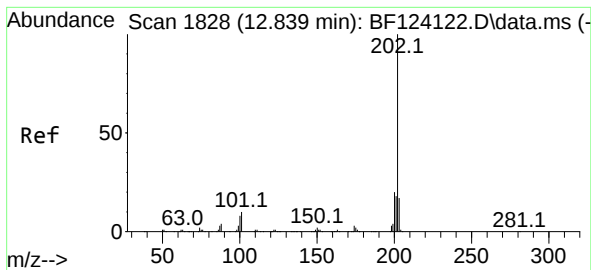
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 90279 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 9.6   | 7.2   | 10.8  |
| 236       | 26.5  | 19.0  | 28.4  |



#77  
Benzidine  
Concen: 4.610 ng  
RT: 12.721 min Scan# 1808  
Delta R.T. 0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 1263  |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 140.4 | 12.1  | 18.1# |
| 183       | 114.2 | 7.8   | 11.8# |





#78

Pyrene

Concen: 5.910 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.012 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

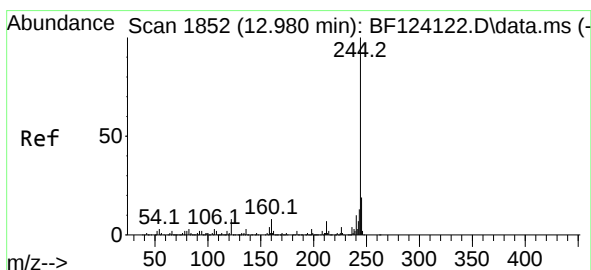
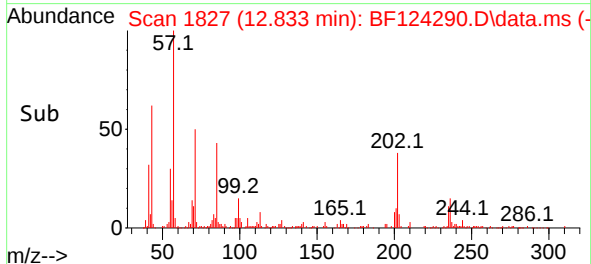
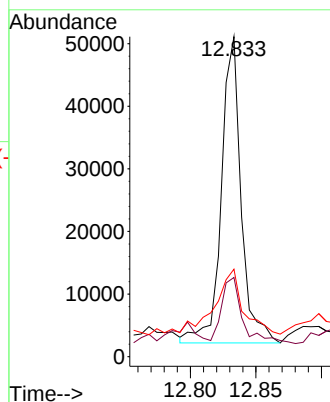
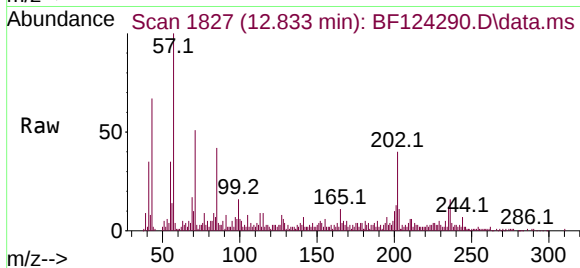
Instrument :

BNA\_F

ClientSampleId :

TMR-DS-06-060921

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 51237 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 24.7  | 16.1  | 24.1# |
| 203       | 27.3  | 14.8  | 22.2# |



#79

Terphenyl-d14

Concen: 9.567 ng

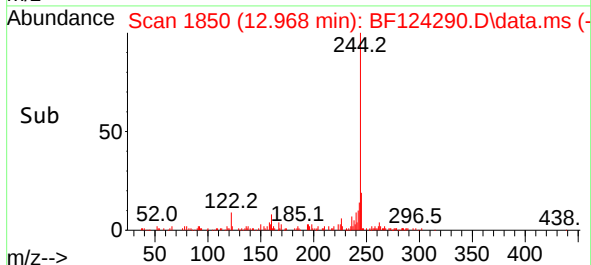
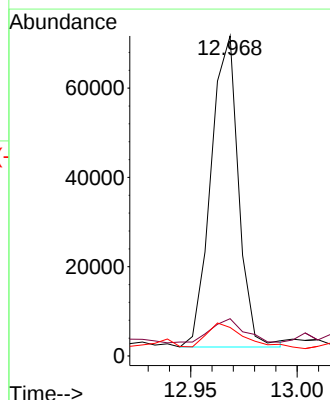
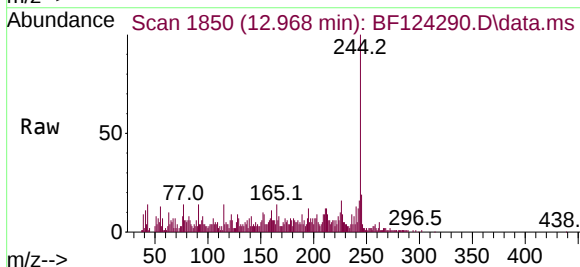
RT: 12.968 min Scan# 1850

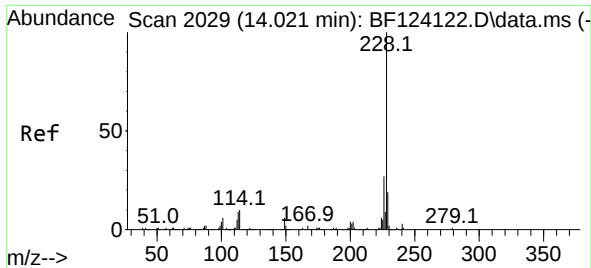
Delta R.T. 0.006 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 62907 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 11.6  | 5.7   | 8.5#  |
| 122       | 8.9   | 9.7   | 14.5# |

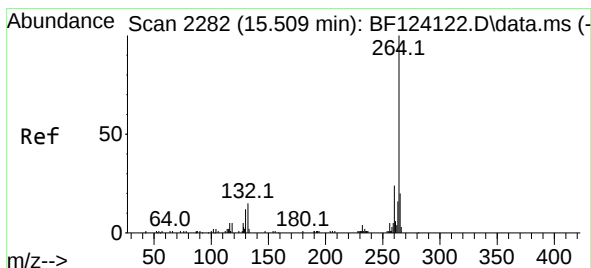
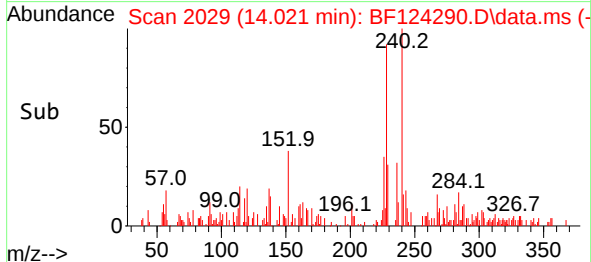
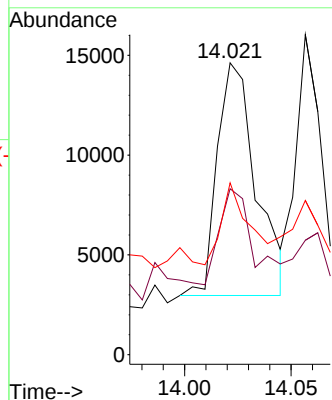
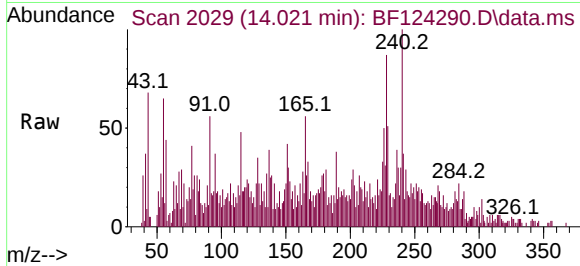




#81  
Benzo(a)anthracene  
Concen: 2.248 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. 0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

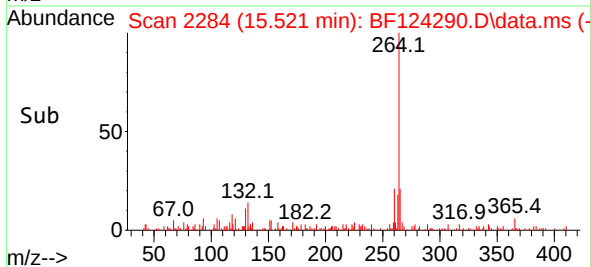
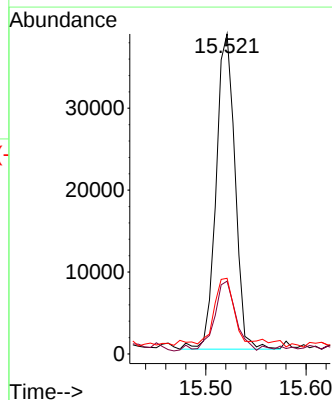
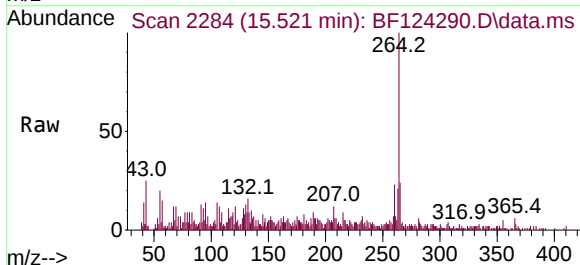
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

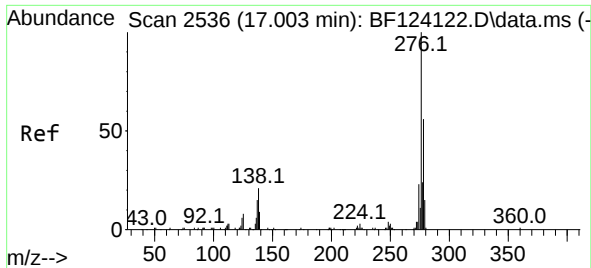
Tgt Ion:228 Resp: 14783  
Ion Ratio Lower Upper  
228 100  
226 56.9 22.4 33.6#  
229 58.9 16.0 24.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. 0.030 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:264 Resp: 50341  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.7 28.1  
265 23.6 17.8 26.8

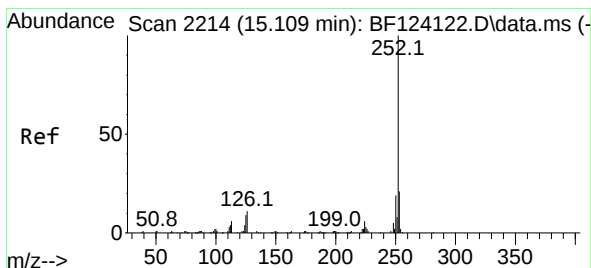
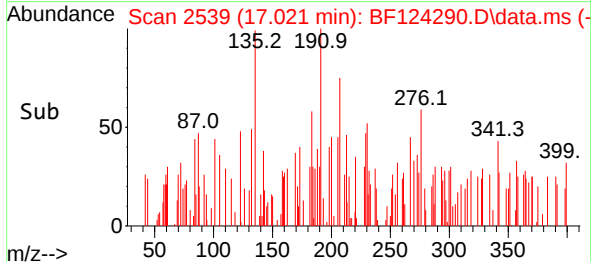
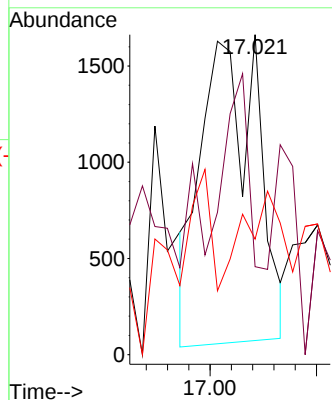
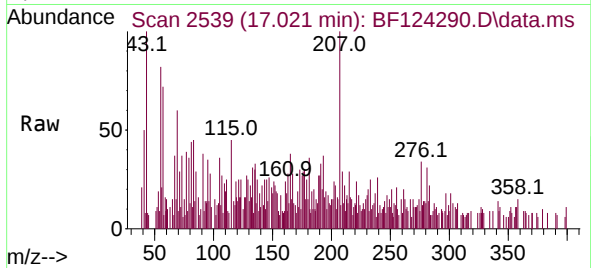




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.957 ng  
RT: 17.021 min Scan# 2539  
Delta R.T. 0.041 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

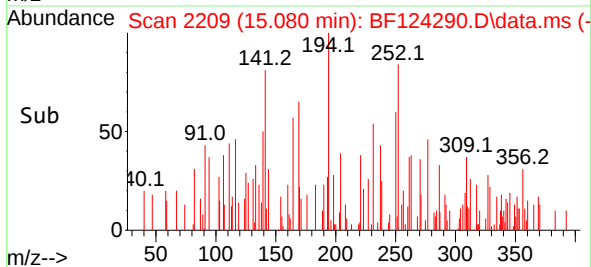
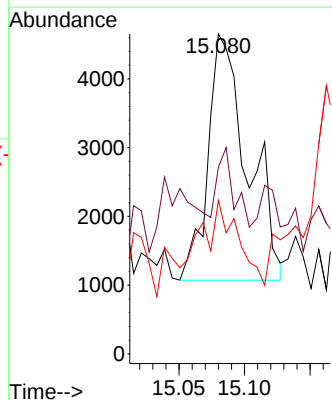
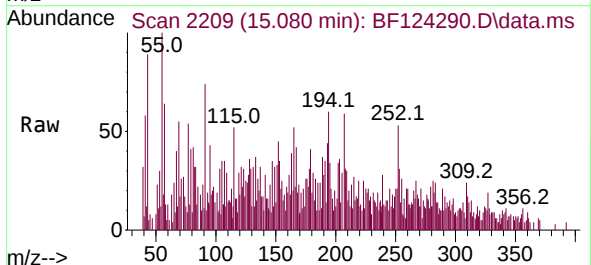
Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

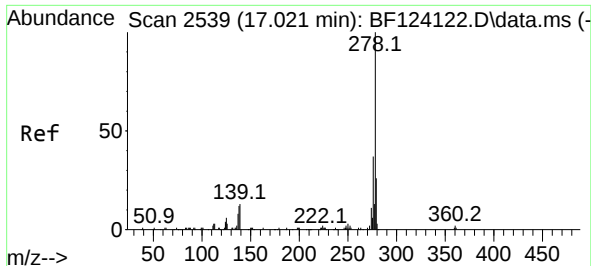
Tgt Ion:276 Resp: 2866  
Ion Ratio Lower Upper  
276 100  
138 25.5 16.2 24.2#  
277 14.1 20.1 30.1#



#89  
Benzo(k)fluoranthene  
Concen: 2.033 ng  
RT: 15.080 min Scan# 2209  
Delta R.T. -0.012 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Tgt Ion:252 Resp: 7527  
Ion Ratio Lower Upper  
252 100  
253 58.4 17.9 26.9#  
125 47.9 7.0 10.6#

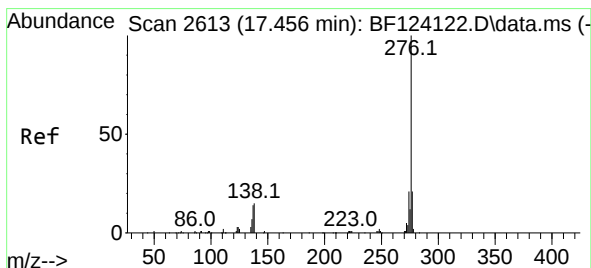
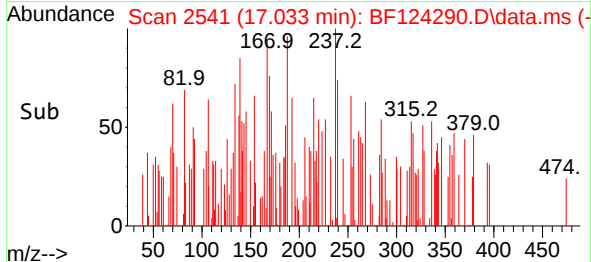
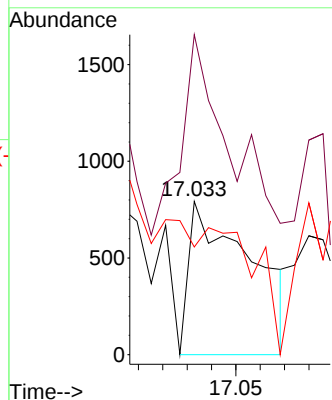
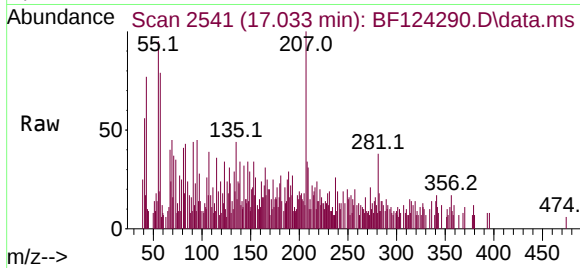




#91  
Dibenzo(a,h)anthracene  
Concen: 4.530 ng  
RT: 17.033 min Scan# 2541  
Delta R.T. 0.041 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

Instrument :  
BNA\_F  
ClientSampleId :  
TMR-DS-06-060921

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 1390  |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 208.7 | 10.2  | 15.2# |
| 279       | 70.2  | 19.4  | 29.0# |



#92  
Benzo(g,h,i)perylene  
Concen: 4.570 ng  
RT: 17.462 min Scan# 2614  
Delta R.T. 0.030 min  
Lab File: BF124290.D  
Acq: 12 Jun 2021 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 2924  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 38.8  | 18.2  | 27.2# |
| 138       | 34.5  | 13.8  | 20.6# |

