

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092421\  
 Data File : BF125639.D  
 Acq On : 25 Sep 2021 00:58  
 Operator : JU/CG  
 Sample : M3730-01DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 25 03:02:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 15:38:32 2021  
 Response via : Initial Calibration

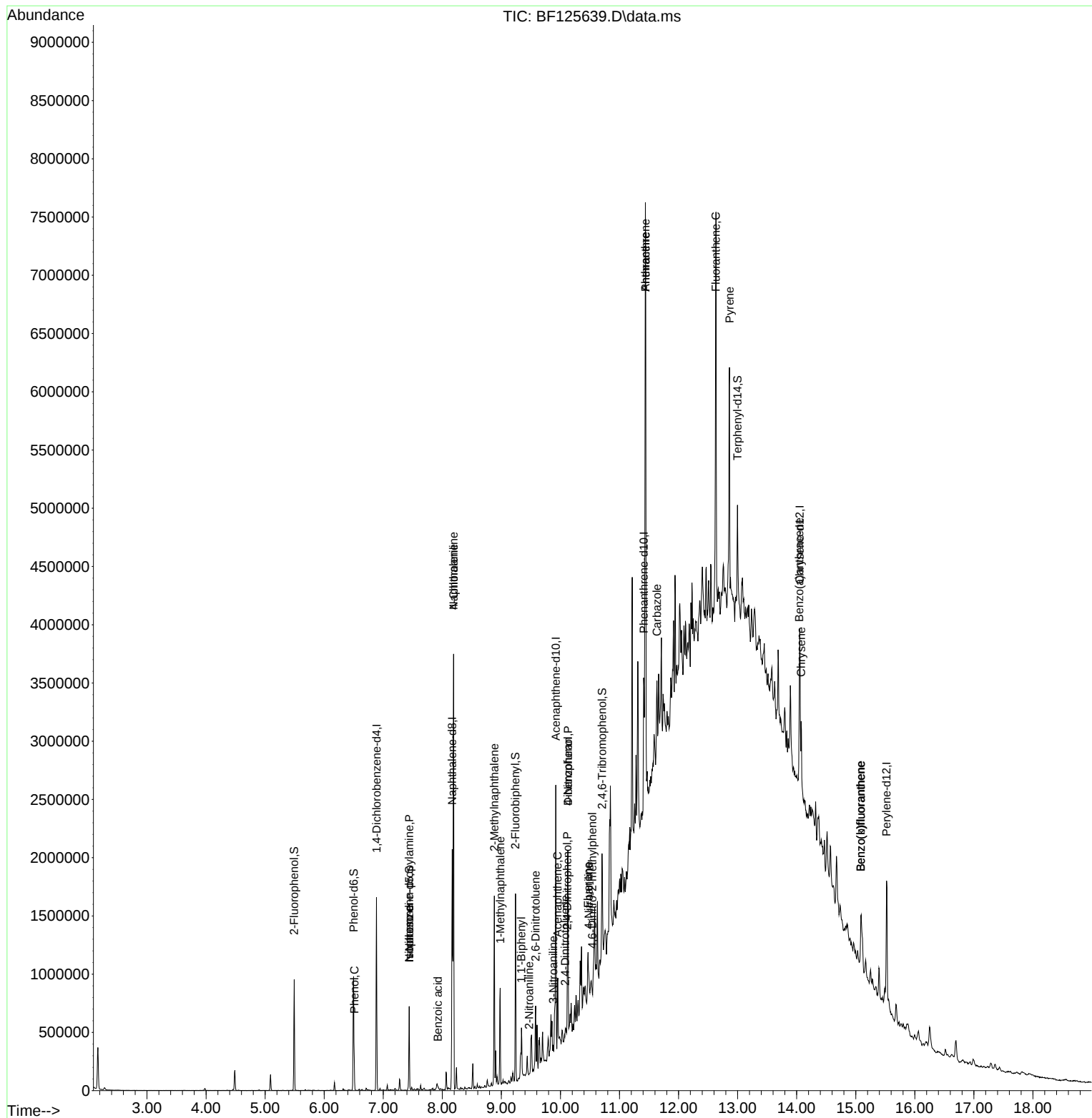
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 238617   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 932717   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.922  | 164  | 433366   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 563881   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.051 | 240  | 428508   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 513924   | 20.000    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 257240   | 17.762    | ng    | -0.01    |
| 7) Phenol-d6                  | 6.498  | 99   | 346620   | 17.802    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 198906   | 14.875    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 58911    | 14.580    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 436861   | 5.620     | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 283105   | 11.441    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.434  | 77   | 399      | Below Cal | #     | 33       |
| 10) Phenol                    | 6.510  | 94   | 77834    | 3.954     | ng    | 87       |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 25051    | 2.260     | ng    | # 52     |
| 25) Isophorone                | 7.439  | 82   | 197204   | 6.585     | ng    | # 59     |
| 31) Naphthalene               | 8.192  | 128  | 1620389  | 33.835    | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 6537     | 9.177     | ng    | # 33     |
| 33) 4-Chloroaniline           | 8.192  | 127  | 214740   | 10.690    | ng    | # 37     |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 404612   | 12.457    | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 222290   | 7.242     | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 111851   | 3.500     | ng    | 98       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 260      | 4.195     | ng    | # 60     |
| 51) 2,6-Dinitrotoluene        | 9.580  | 165  | 2769     | 4.543     | ng    | # 1      |
| 52) Acenaphthene              | 9.951  | 154  | 121699   | 4.874     | ng    | 96       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 2715     | 3.517     | ng    | # 26     |
| 54) 2,4-Dinitrophenol         | 10.116 | 184  | 164      | 4.502     | ng    | # 1      |
| 55) Dibenzofuran              | 10.127 | 168  | 615752   | 16.436    | ng    | 95       |
| 56) 4-Nitrophenol             | 10.127 | 139  | 227638   | 42.329    | ng    | # 13     |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 2979     | 5.164     | ng    | # 27     |
| 58) Fluorene                  | 10.469 | 166  | 75009    | 2.572     | ng    | # 98     |
| 62) 4-Nitroaniline            | 10.480 | 138  | 3114     | 2.345     | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 453      | 9.147     | ng    | # 1      |
| 71) Phenanthrene              | 11.439 | 178  | 2500512  | 79.079    | ng    | 94       |
| 72) Anthracene                | 11.439 | 178  | 2500512  | 80.028    | ng    | 94       |
| 73) Carbazole                 | 11.633 | 167  | 231905   | 7.542     | ng    | # 94     |
| 75) Fluoranthene              | 12.633 | 202  | 1618181  | 47.883    | ng    | 97       |
| 78) Pyrene                    | 12.863 | 202  | 1062500  | 27.437    | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 261122   | 8.971     | ng    | 97       |
| 83) Chrysene                  | 14.074 | 228  | 310410   | 10.627    | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 303588   | 8.431     | ng    | # 92     |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 303588   | 8.800     | ng    | # 92     |
| -----                         |        |      |          |           |       |          |

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

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Sample : M3730-01DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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QLast Update : Fri Sep 24 15:38:32 2021  
Response via : Initial Calibration

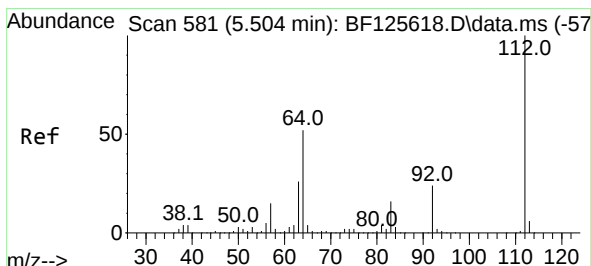
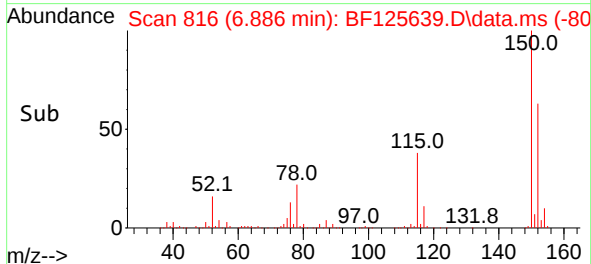
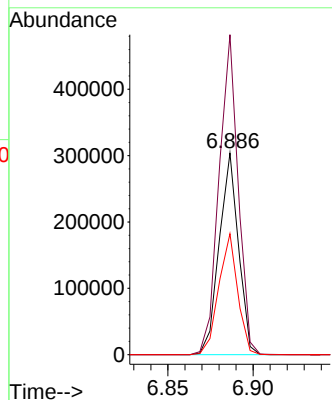
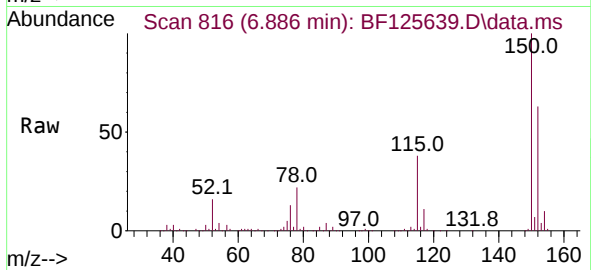




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

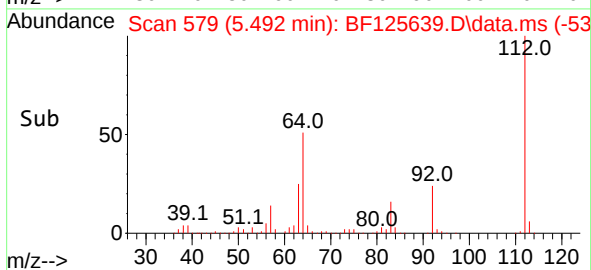
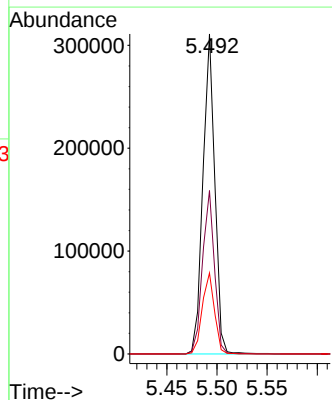
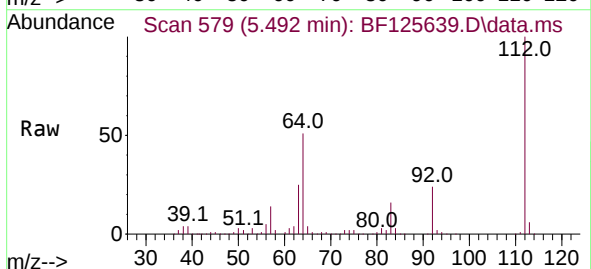
Instrument :  
BNA\_F  
ClientSampleId :

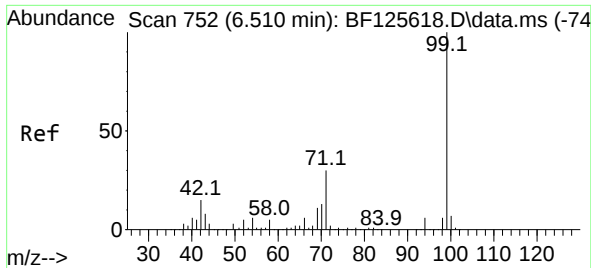
Tgt Ion:152 Resp: 238617  
Ion Ratio Lower Upper  
152 100  
150 158.8 117.6 176.4  
115 60.1 47.1 70.7



#5  
2-Fluorophenol  
Concen: 17.762 ng  
RT: 5.492 min Scan# 579  
Delta R.T. -0.012 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:112 Resp: 257240  
Ion Ratio Lower Upper  
112 100  
64 51.1 44.2 66.2  
63 25.3 26.2 39.2#

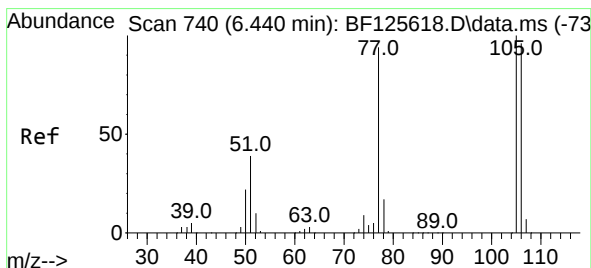
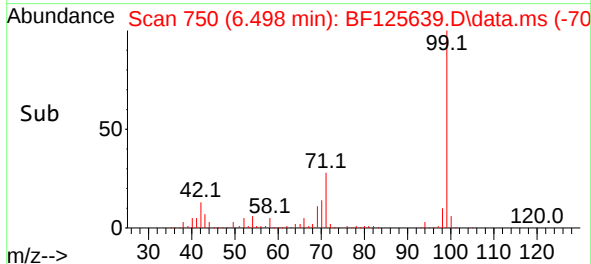
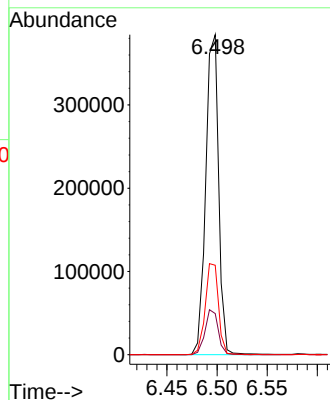
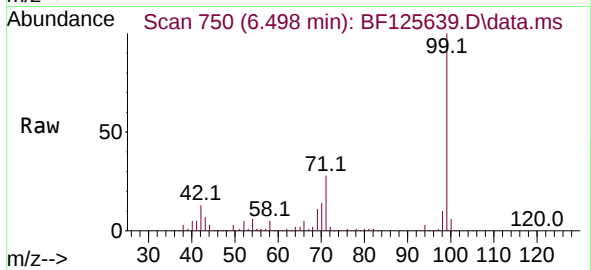




#7  
Phenol-d6  
Concen: 17.802 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

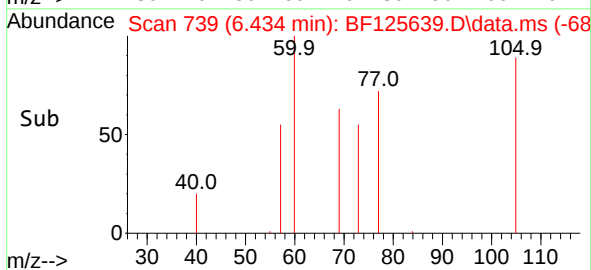
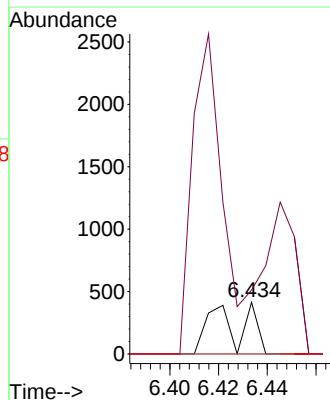
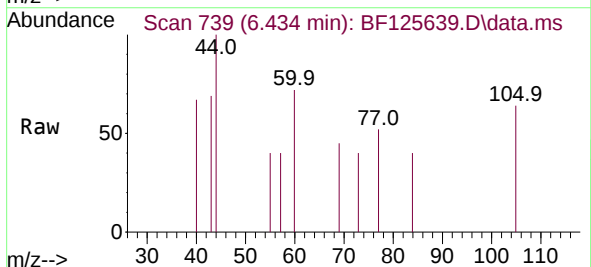
Instrument :  
BNA\_F  
ClientSampleId :

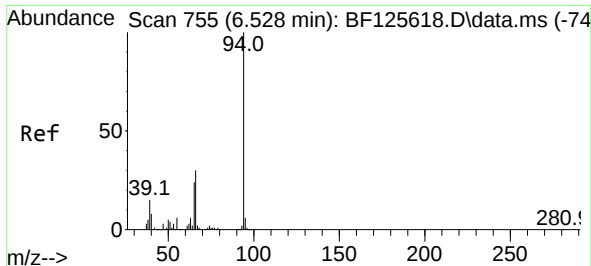
Tgt Ion: 99 Resp: 346620  
Ion Ratio Lower Upper  
99 100  
42 12.9 23.5 35.3#  
71 28.0 25.6 38.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.434 min Scan# 739  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

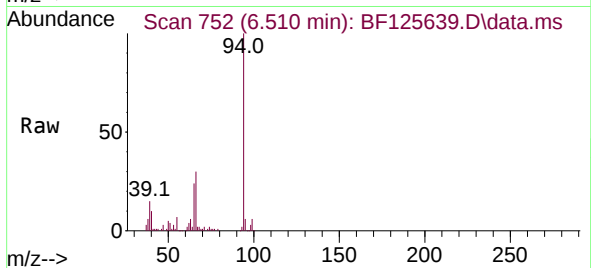
Tgt Ion: 77 Resp: 399  
Ion Ratio Lower Upper  
77 100  
105 123.7 75.9 115.9#  
106 0.0 84.0 124.0#



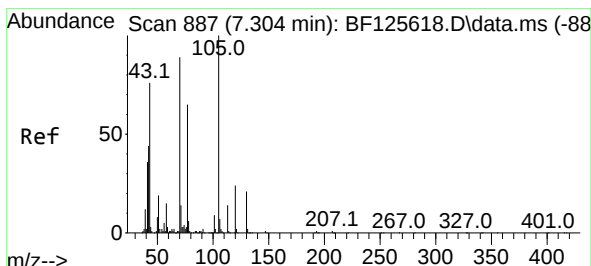
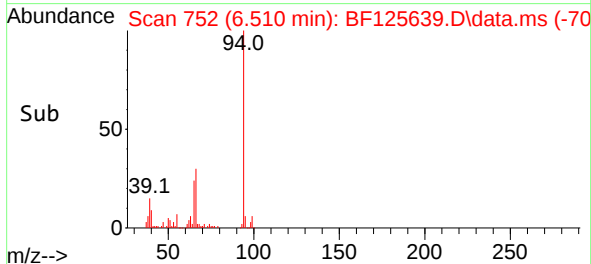
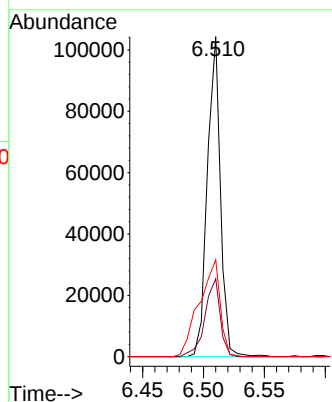


#10  
Phenol  
Concen: 3.954 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.018 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Instrument :  
BNA\_F  
ClientSampleId :

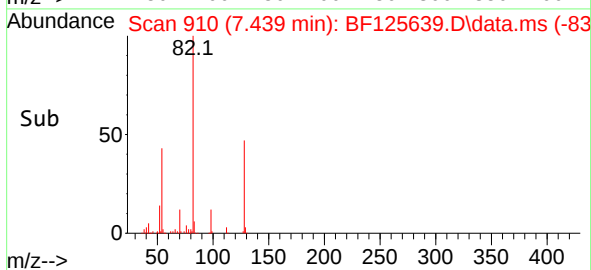
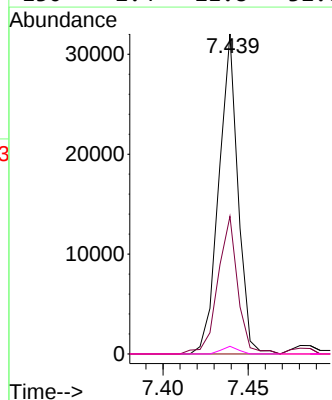
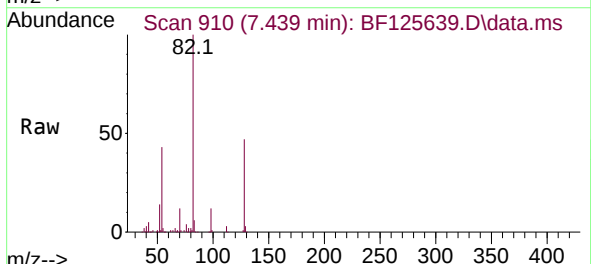


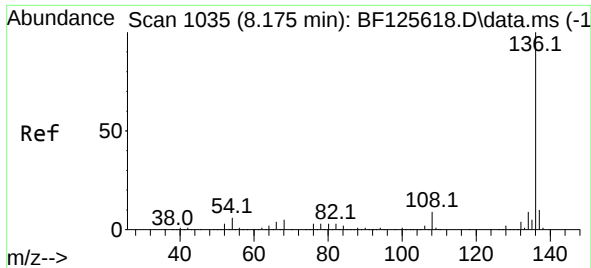
Tgt Ion: 94 Resp: 77834  
Ion Ratio Lower Upper  
94 100  
65 24.4 9.3 49.3  
66 30.3 20.3 60.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.260 ng  
RT: 7.439 min Scan# 910  
Delta R.T. 0.135 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion: 70 Resp: 25051  
Ion Ratio Lower Upper  
70 100  
42 43.0 72.2 108.2#  
101 0.0 7.8 11.8#  
130 2.4 21.8 32.6#

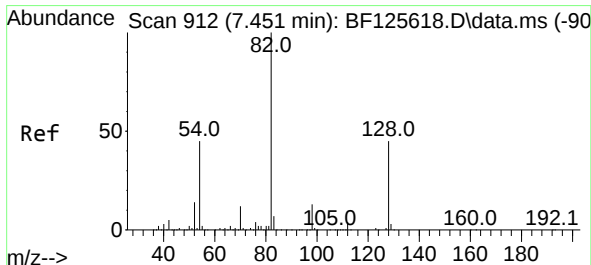
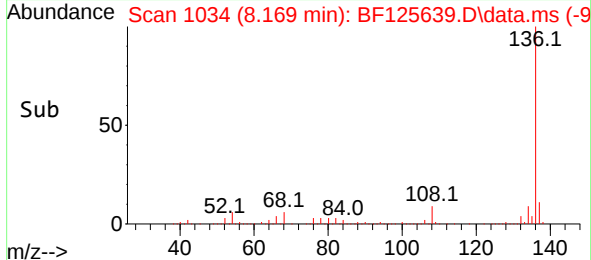
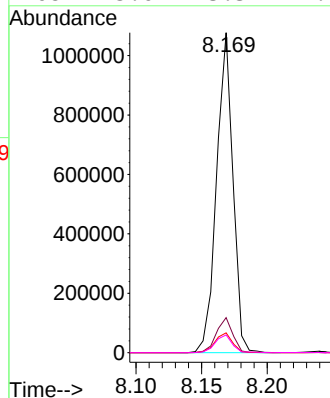
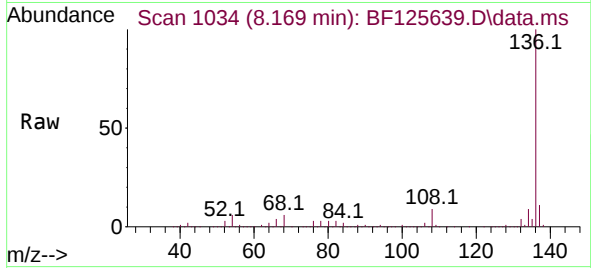




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

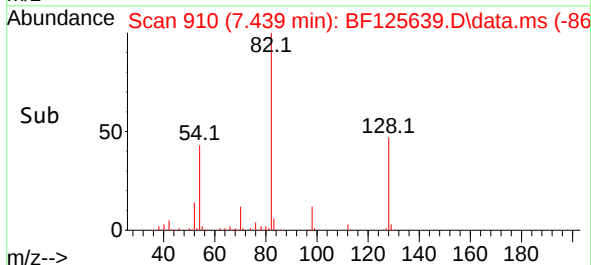
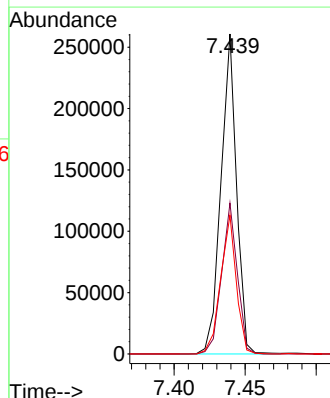
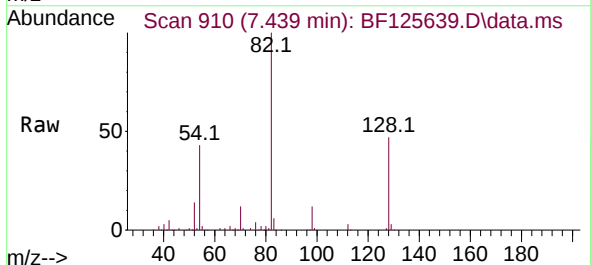
Instrument :  
BNA\_F  
ClientSampleId :

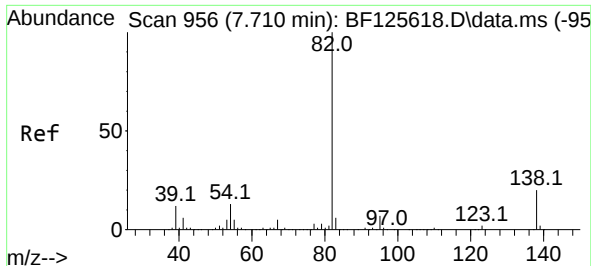
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 932717 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 9.8   | 14.6   |
| 54        | 6.2   | 6.4   | 9.6#   |
| 68        | 5.6   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 14.875 ng  
RT: 7.439 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 198906 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.1  | 40.6  | 60.8   |
| 54        | 43.4  | 49.6  | 74.4#  |

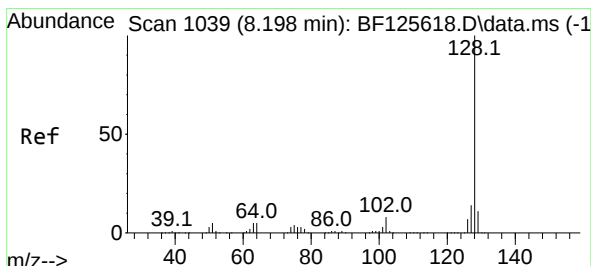
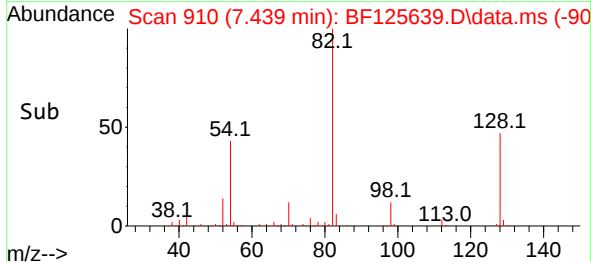
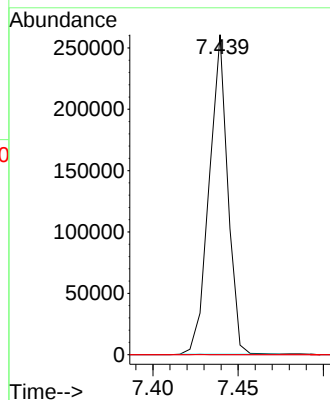
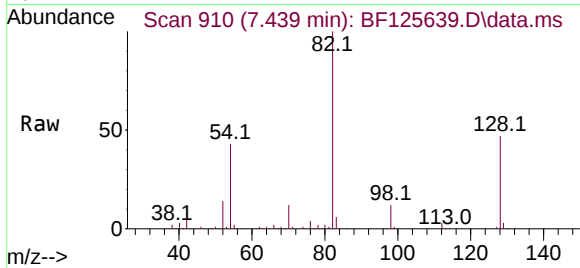




#25  
Isophorone  
Concen: 6.585 ng  
RT: 7.439 min Scan# 910  
Delta R.T. -0.271 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

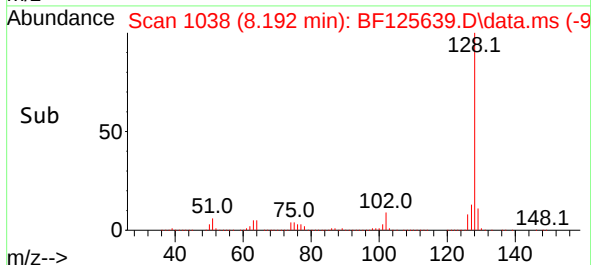
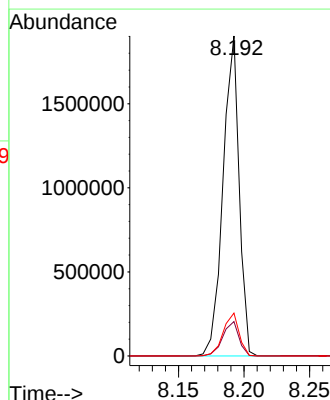
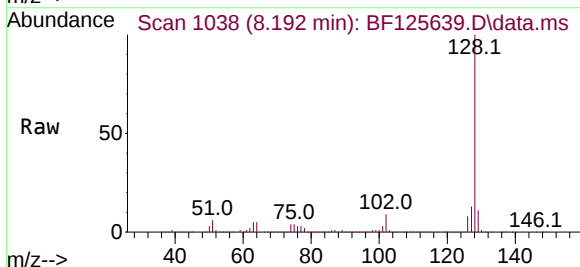
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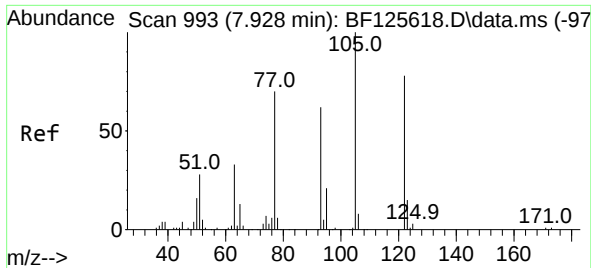
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Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#31  
Naphthalene  
Concen: 33.835 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion: 128 Resp: 1620389  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.4 14.0  
127 13.4 10.9 16.3

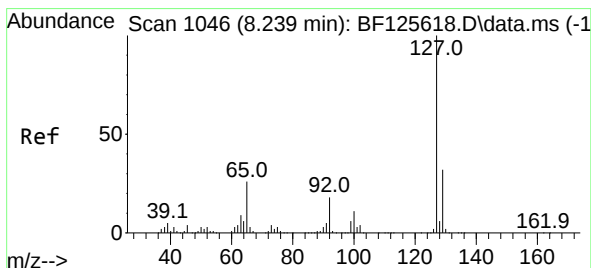
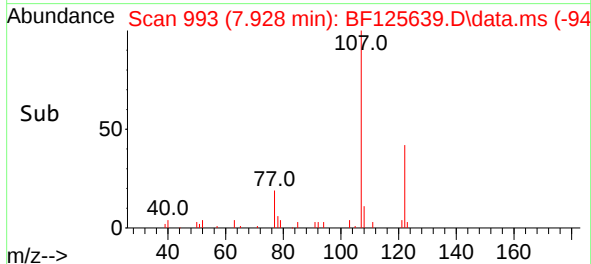
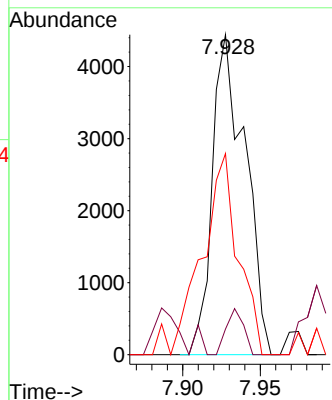
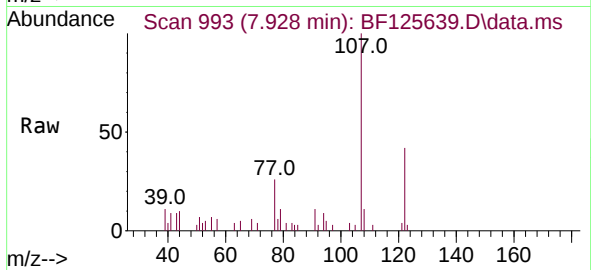




#32  
Benzoic acid  
Concen: 9.177 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

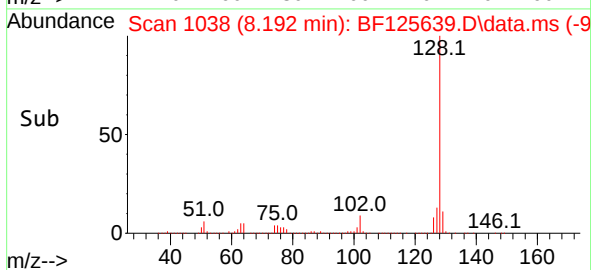
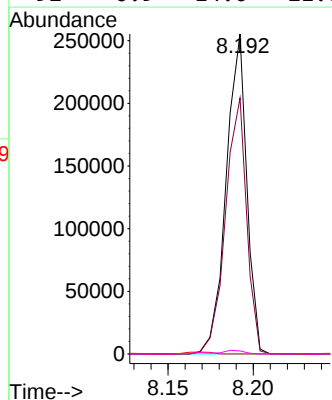
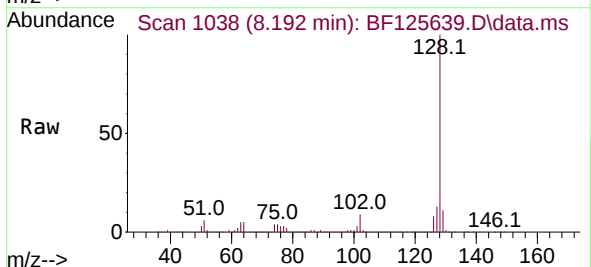
Instrument :  
BNA\_F  
ClientSampleId :

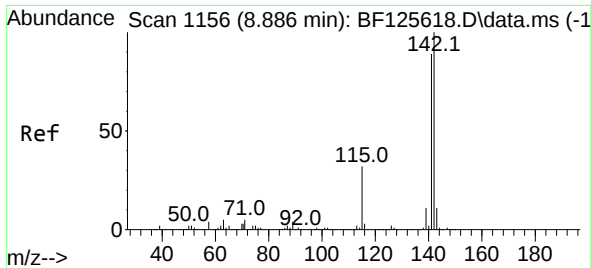
Tgt Ion:122 Resp: 6537  
Ion Ratio Lower Upper  
122 100  
105 8.0 97.6 137.6#  
77 62.8 59.6 99.6



#33  
4-Chloroaniline  
Concen: 10.690 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.047 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:127 Resp: 214740  
Ion Ratio Lower Upper  
127 100  
129 80.0 25.7 38.5#  
65 0.0 21.2 31.8#  
92 0.9 14.0 21.0#

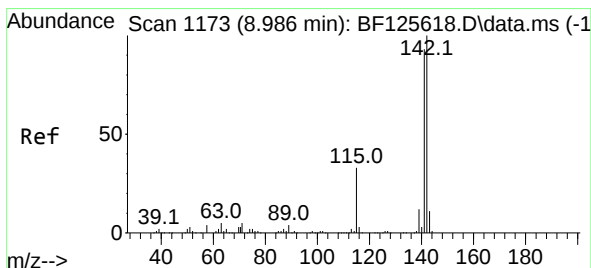
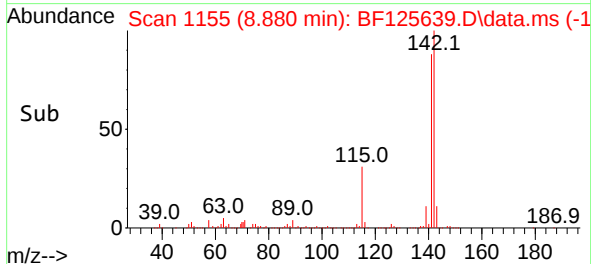
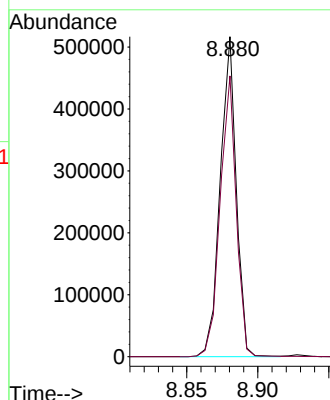
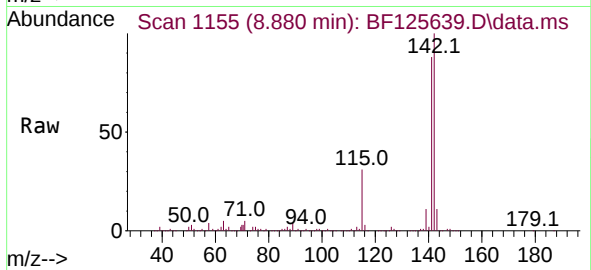




#37  
2-Methylnaphthalene  
Concen: 12.457 ng  
RT: 8.880 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

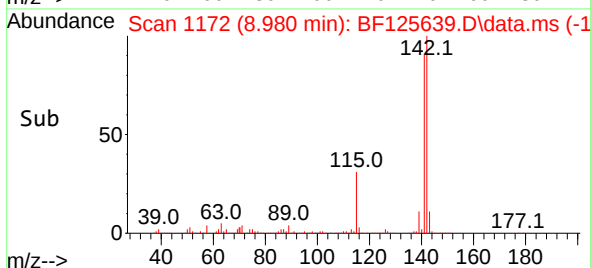
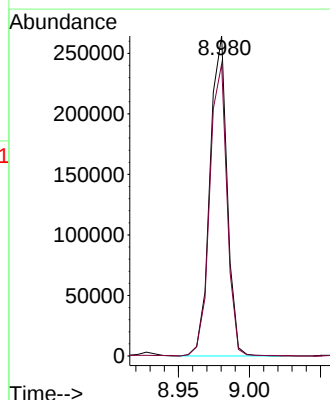
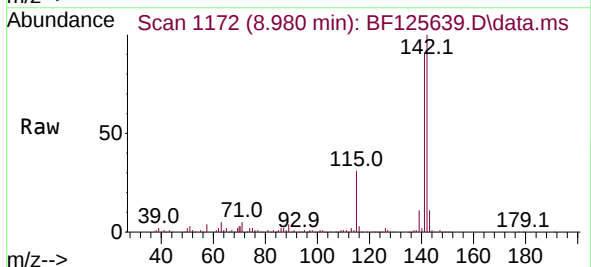
Instrument :  
BNA\_F  
ClientSampleId :

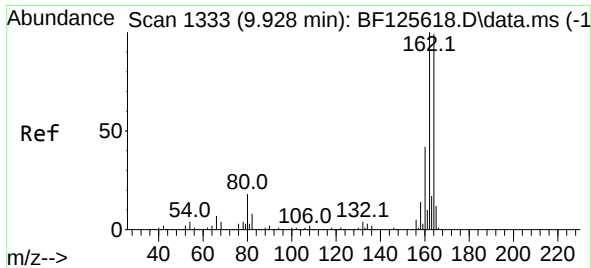
Tgt Ion:142 Resp: 404612  
Ion Ratio Lower Upper  
142 100  
141 87.8 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 7.242 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:142 Resp: 222290  
Ion Ratio Lower Upper  
142 100  
141 91.3 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125639.D

Acq: 25 Sep 2021 00:58

Tgt Ion:164 Resp: 433366

Ion Ratio Lower Upper

164 100

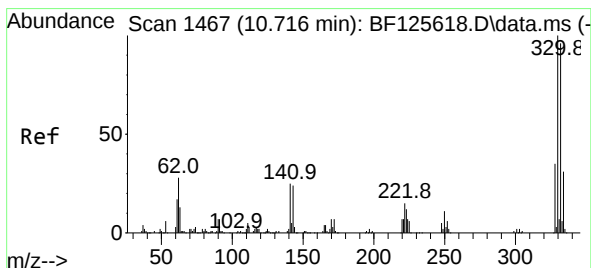
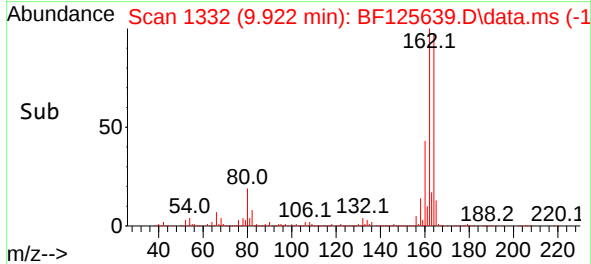
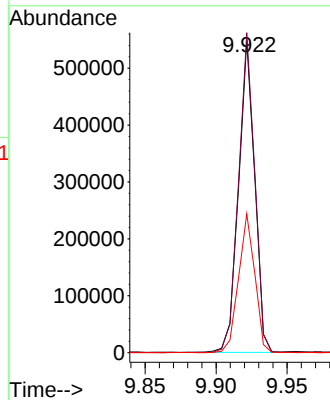
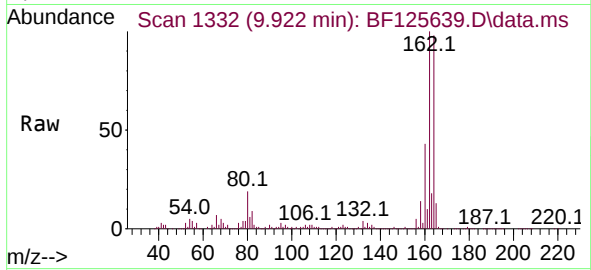
162 102.5 81.3 121.9

160 44.5 38.0 57.0

Instrument :

BNA\_F

ClientSampled :



#42

2,4,6-Tribromophenol

Concen: 14.580 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF125639.D

Acq: 25 Sep 2021 00:58

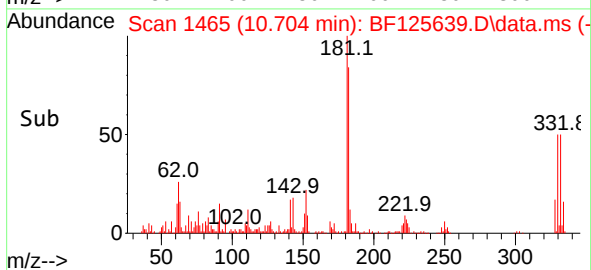
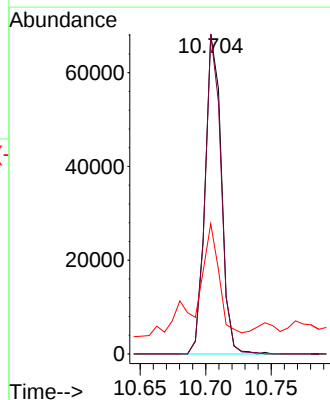
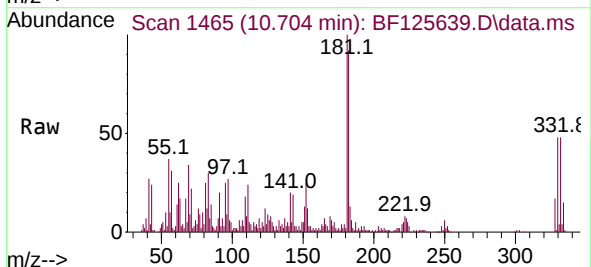
Tgt Ion:330 Resp: 58911

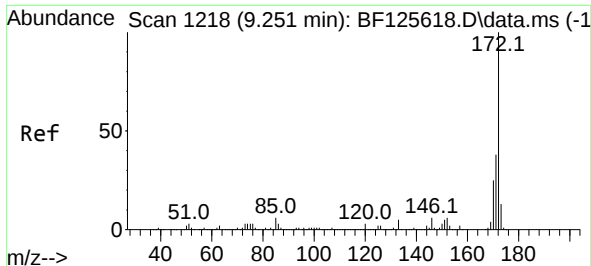
Ion Ratio Lower Upper

330 100

332 98.0 76.2 114.4

141 47.8 44.6 66.8

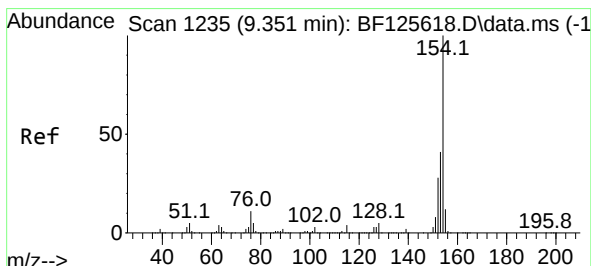
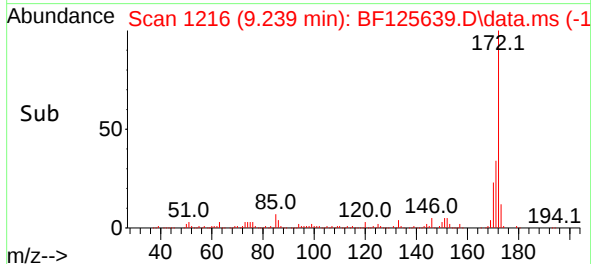
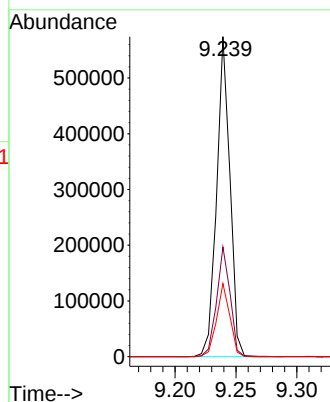
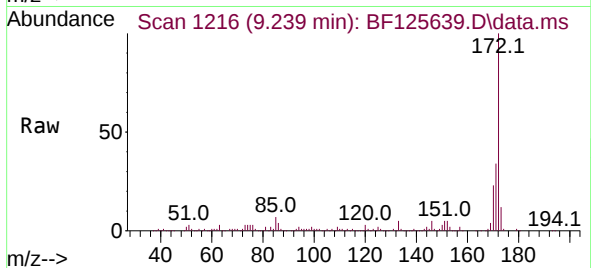




#45  
2-Fluorobiphenyl  
Concen: 5.620 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

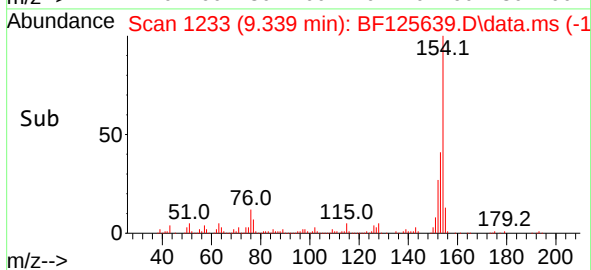
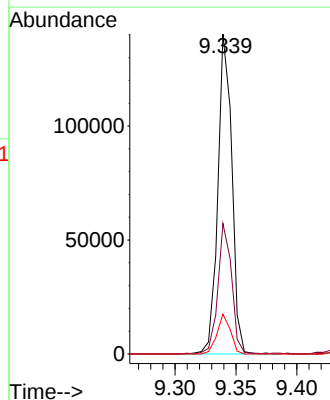
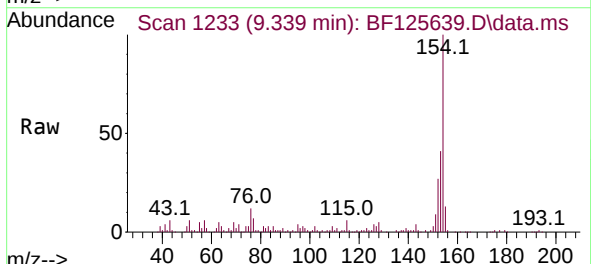
Instrument :  
BNA\_F  
ClientSampleId :

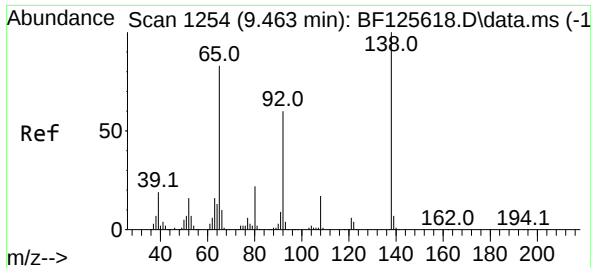
Tgt Ion:172 Resp: 436861  
Ion Ratio Lower Upper  
172 100  
171 34.3 26.5 39.7  
170 22.9 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 3.500 ng  
RT: 9.339 min Scan# 1233  
Delta R.T. -0.012 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:154 Resp: 111851  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.0 60.0  
76 12.5 0.0 30.3

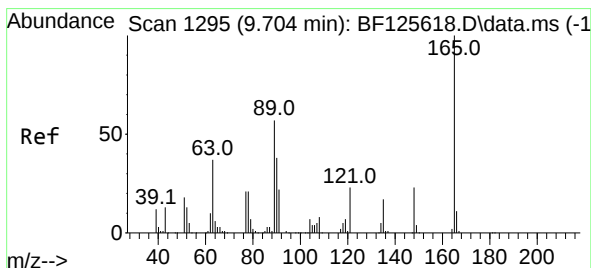
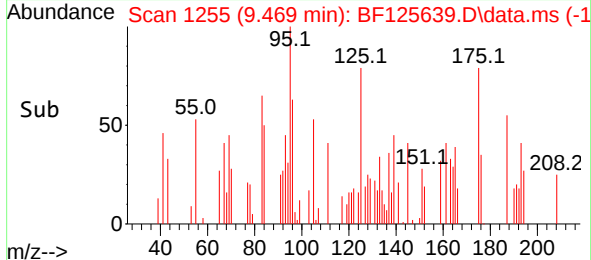
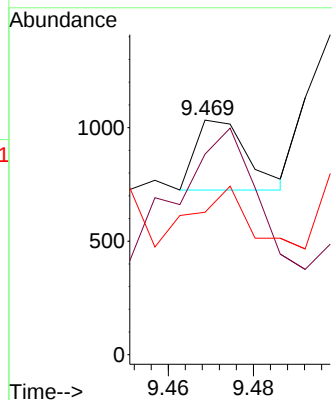
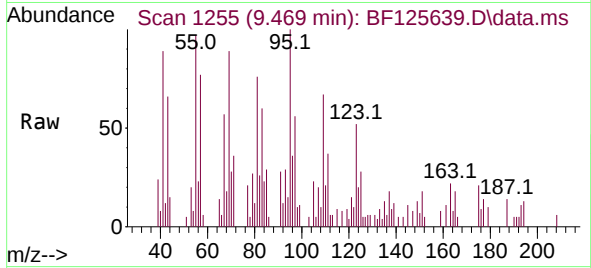




#48  
2-Nitroaniline  
Concen: 4.195 ng  
RT: 9.469 min Scan# 1255  
Delta R.T. 0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

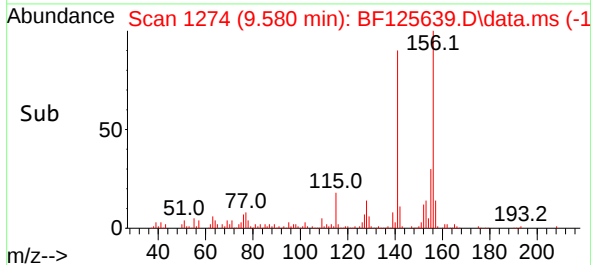
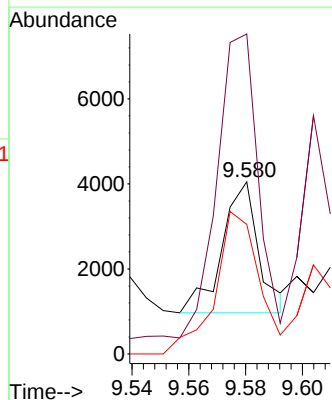
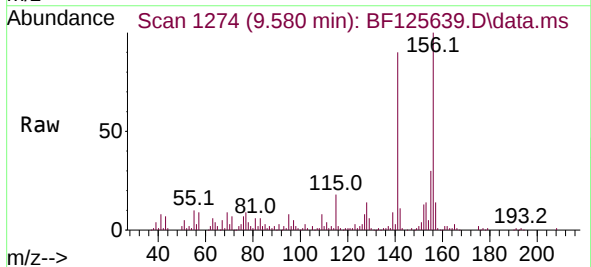
Instrument :  
BNA\_F  
ClientSampleId :

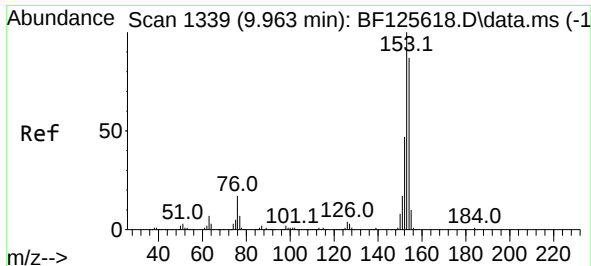
Tgt Ion: 65 Resp: 260  
Ion Ratio Lower Upper  
65 100  
92 85.5 55.5 83.3#  
138 60.7 93.5 140.3#



#51  
2,6-Dinitrotoluene  
Concen: 4.543 ng  
RT: 9.580 min Scan# 1274  
Delta R.T. -0.124 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion: 165 Resp: 2769  
Ion Ratio Lower Upper  
165 100  
63 185.9 42.6 63.8#  
89 75.3 40.6 60.8#

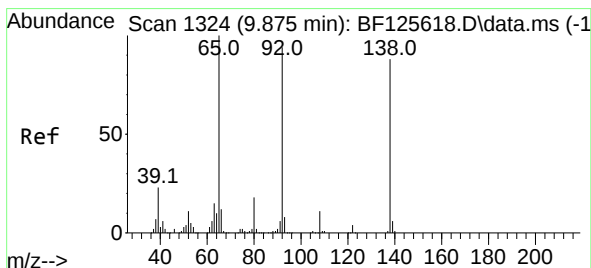
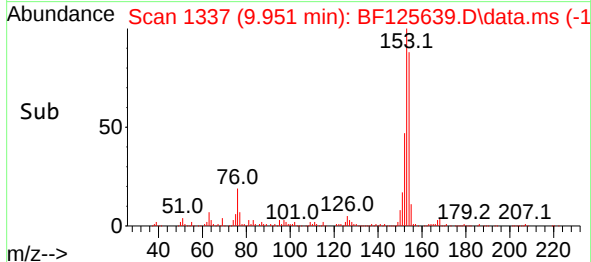
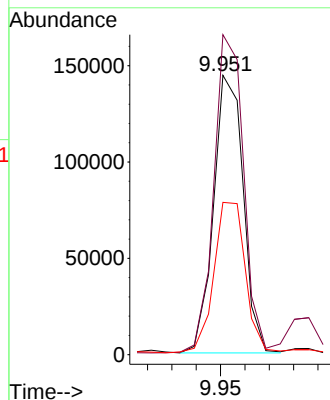
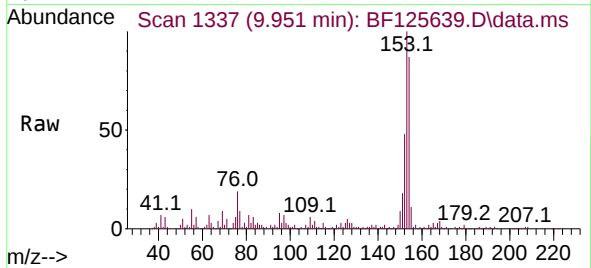




#52  
Acenaphthene  
Concen: 4.874 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.012 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

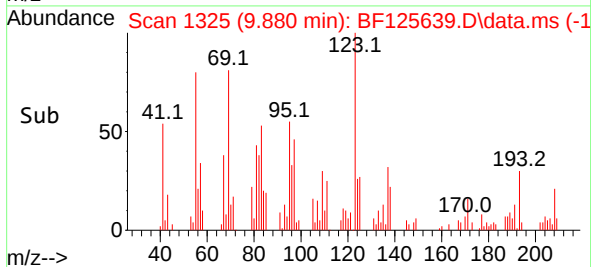
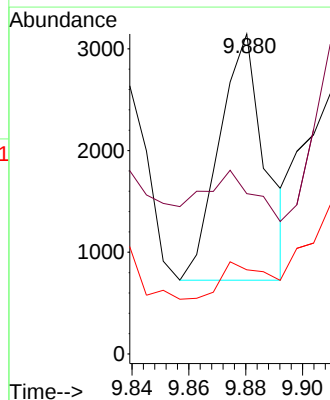
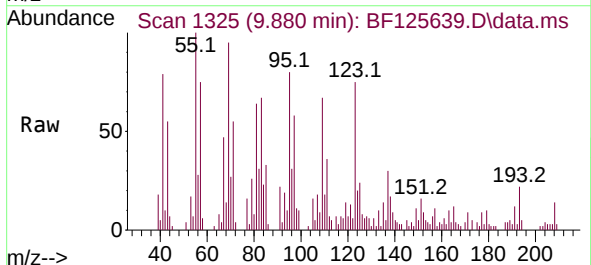
Instrument :  
BNA\_F  
ClientSampled :

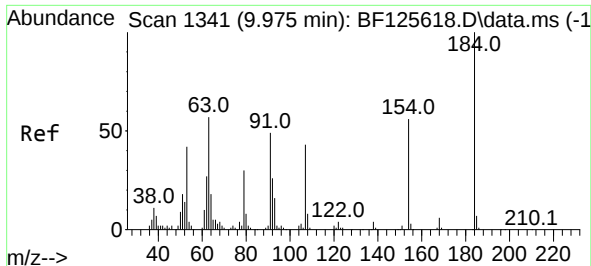
Tgt Ion:154 Resp: 121699  
Ion Ratio Lower Upper  
154 100  
153 114.6 89.4 134.2  
152 54.5 40.5 60.7



#53  
3-Nitroaniline  
Concen: 3.517 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.005 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:138 Resp: 2715  
Ion Ratio Lower Upper  
138 100  
108 50.1 9.3 13.9#  
92 26.3 76.5 114.7#

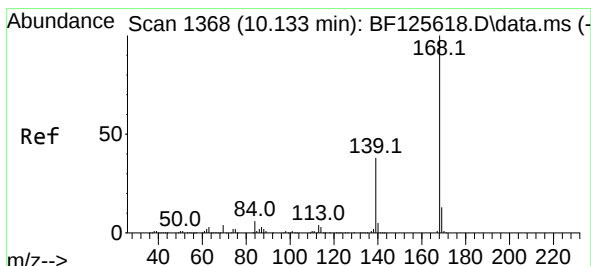
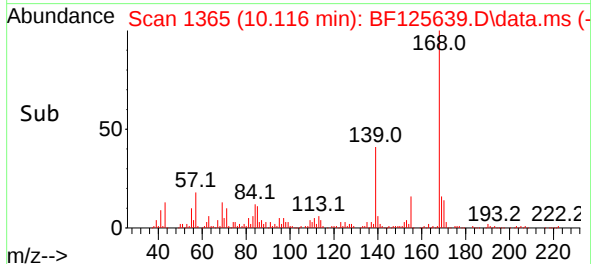
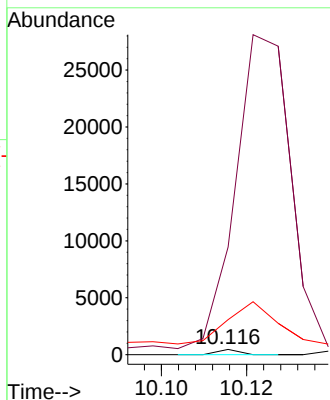
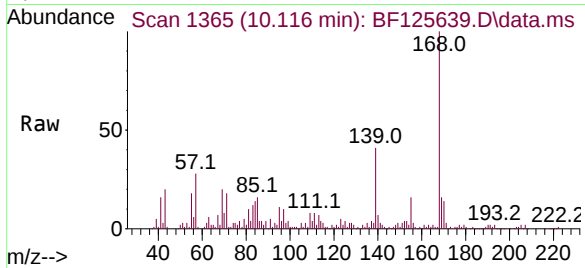




#54  
2,4-Dinitrophenol  
Concen: 4.502 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.141 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

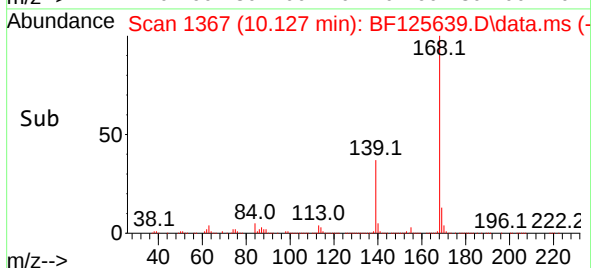
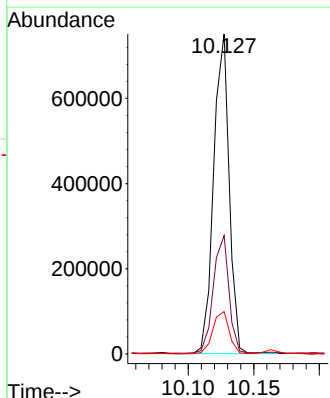
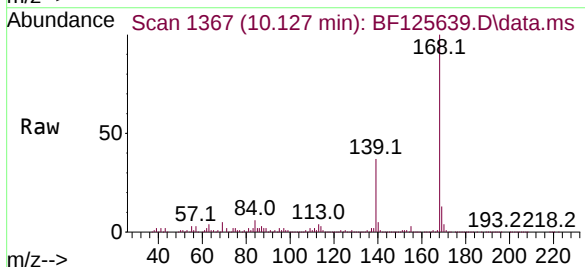
Instrument :  
BNA\_F  
ClientSampled :

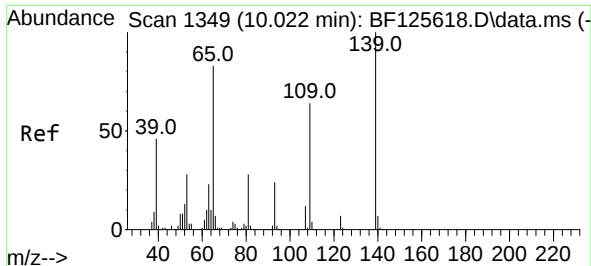
Tgt Ion:184 Resp: 164  
Ion Ratio Lower Upper  
184 100  
63 2030.3 59.3 88.9#  
154 660.9 68.6 102.8#



#55  
Dibenzofuran  
Concen: 16.436 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:168 Resp: 615752  
Ion Ratio Lower Upper  
168 100  
139 37.0 32.7 49.1  
169 13.2 11.2 16.8

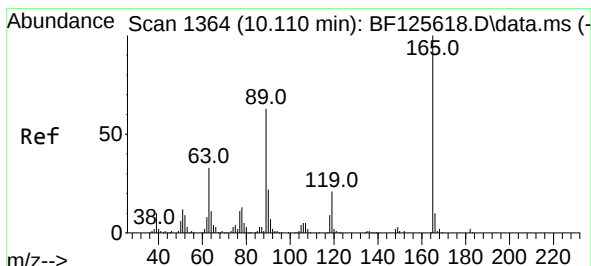
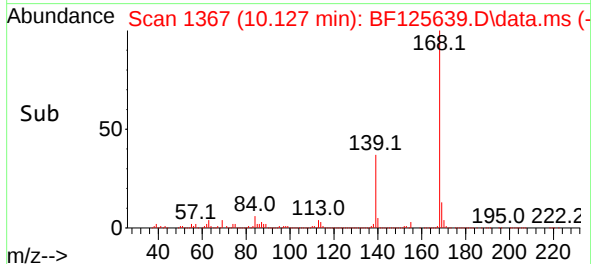
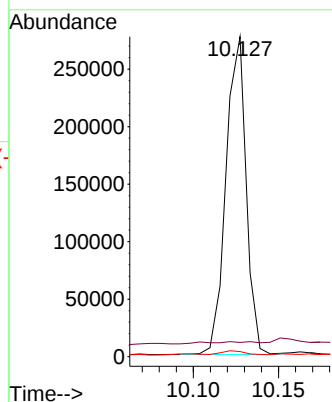
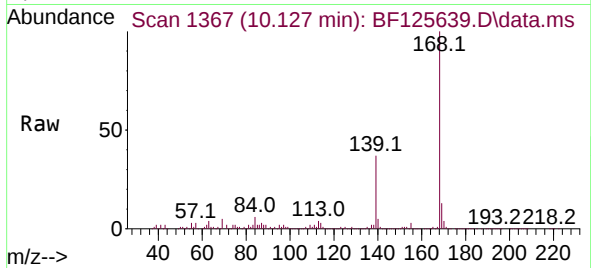




#56  
4-Nitrophenol  
Concen: 42.329 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.105 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

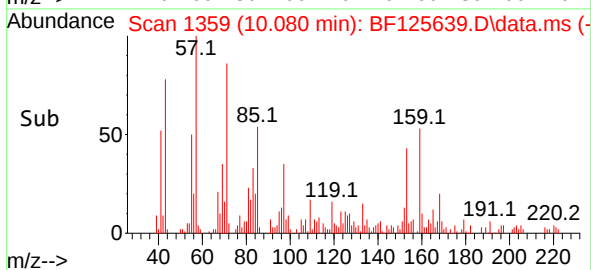
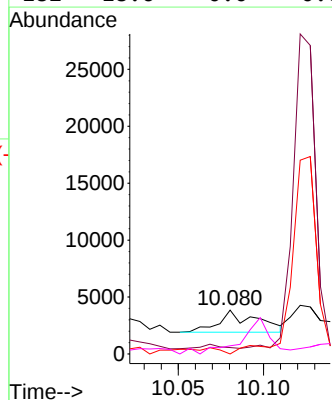
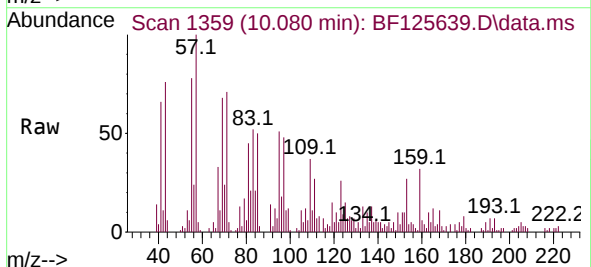
Instrument :  
BNA\_F  
ClientSampleId :

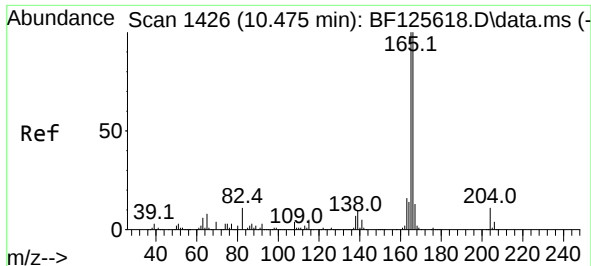
Tgt Ion:139 Resp: 227638  
Ion Ratio Lower Upper  
139 100  
109 4.5 60.4 100.4#  
65 1.6 58.4 98.4#



#57  
2,4-Dinitrotoluene  
Concen: 5.164 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.030 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:165 Resp: 2979  
Ion Ratio Lower Upper  
165 100  
63 14.6 40.9 61.3#  
89 0.0 59.7 89.5#  
182 18.6 0.0 0.0#

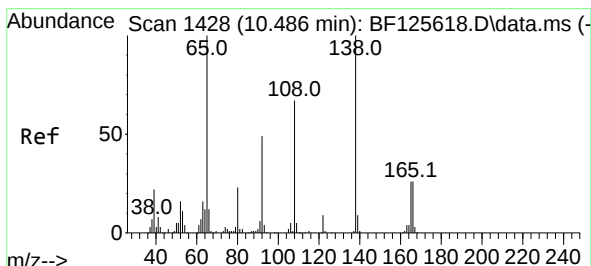
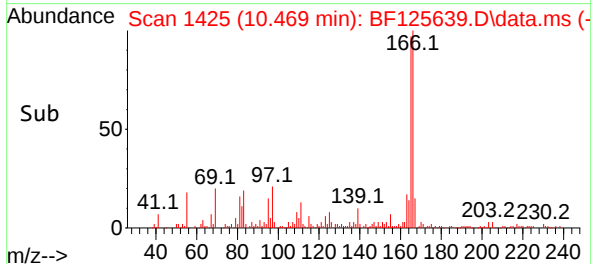
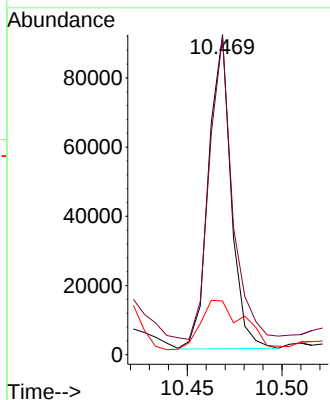
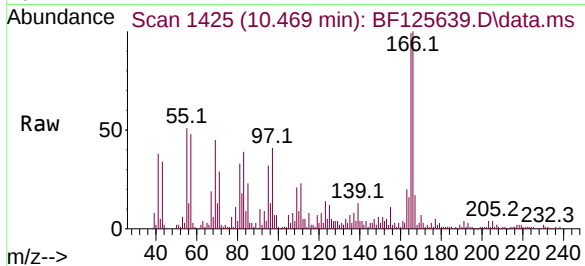




#58  
Fluorene  
Concen: 2.572 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

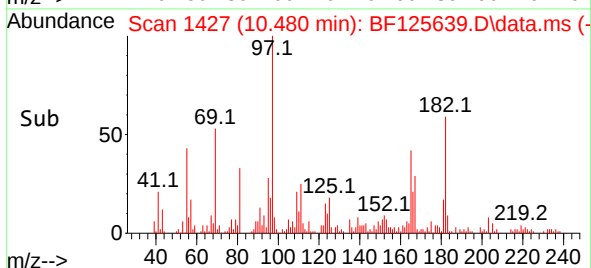
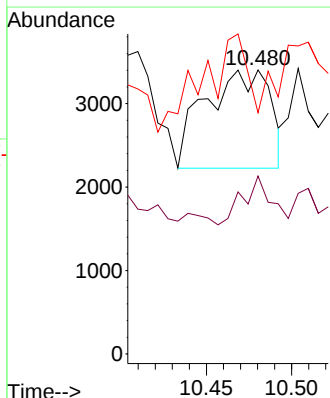
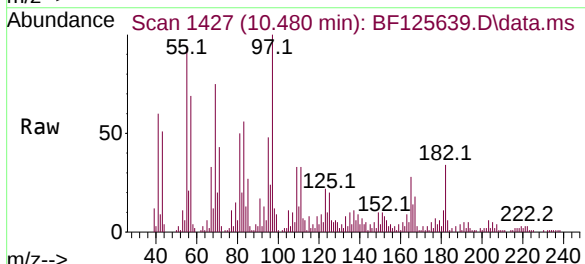
Instrument :  
BNA\_F  
ClientSampleId :

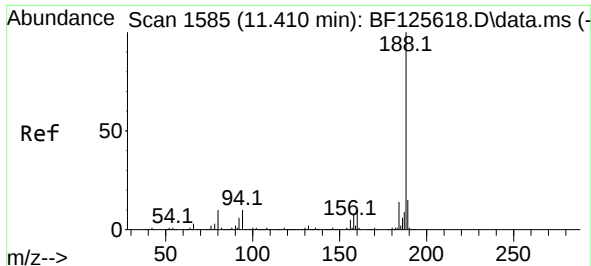
Tgt Ion:166 Resp: 75009  
Ion Ratio Lower Upper  
166 100  
165 99.4 78.1 117.1  
167 16.7 11.1 16.7#



#62  
4-Nitroaniline  
Concen: 2.345 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:138 Resp: 3114  
Ion Ratio Lower Upper  
138 100  
92 62.6 29.6 69.6  
108 84.9 78.1 118.1

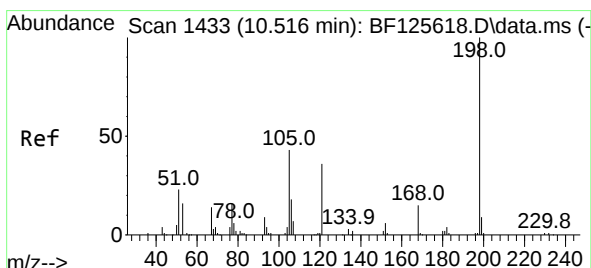
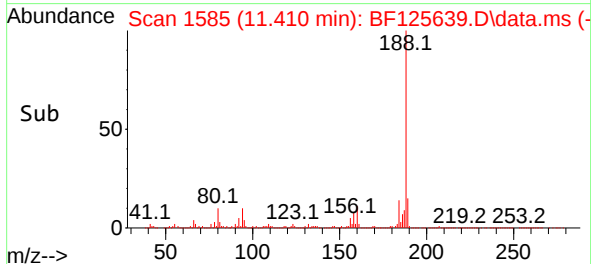
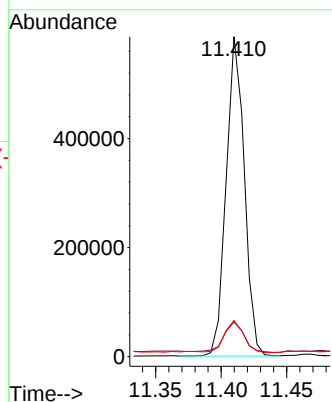
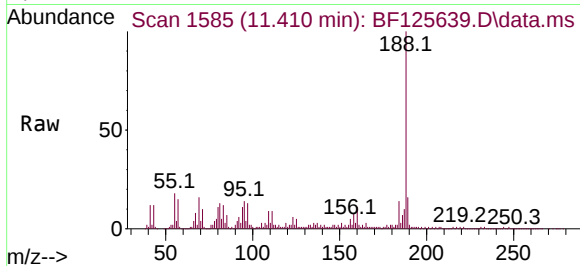




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

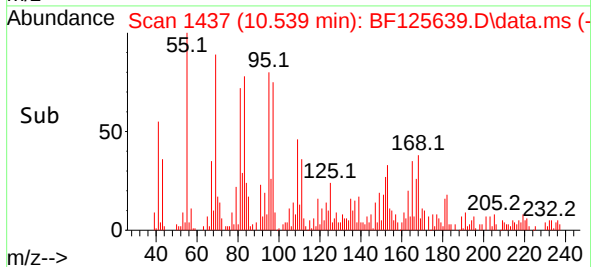
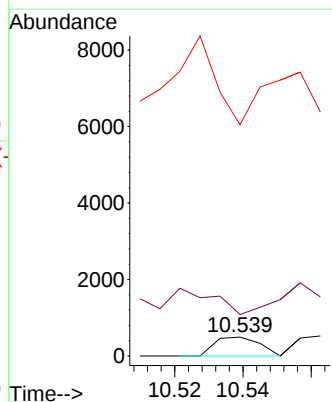
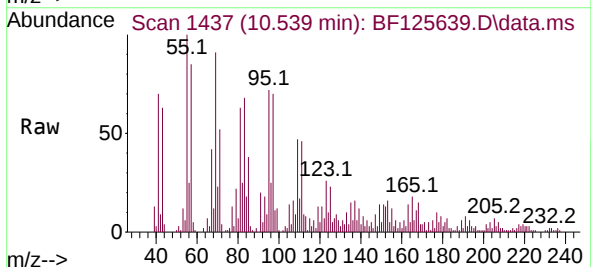
Instrument :  
BNA\_F  
ClientSampled :

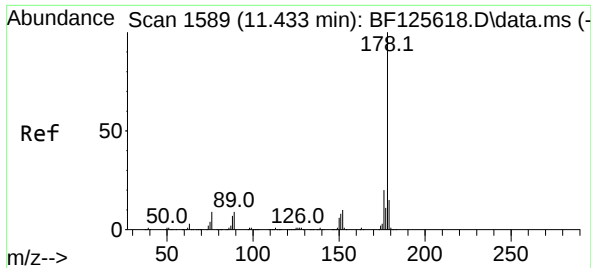
Tgt Ion:188 Resp: 563881  
Ion Ratio Lower Upper  
188 100  
94 10.9 6.7 10.1#  
80 11.3 7.5 11.3#



#65  
4,6-Dinitro-2-methylphenol  
Concen: 9.147 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. 0.023 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:198 Resp: 453  
Ion Ratio Lower Upper  
198 100  
51 218.3 45.3 85.3#  
105 1219.0 30.6 70.6#

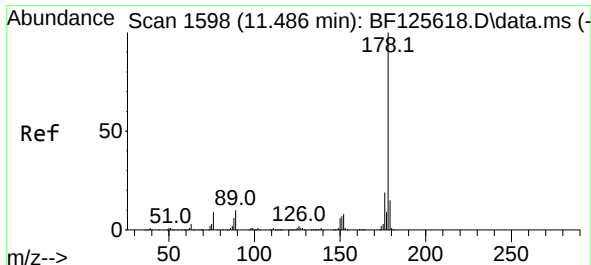
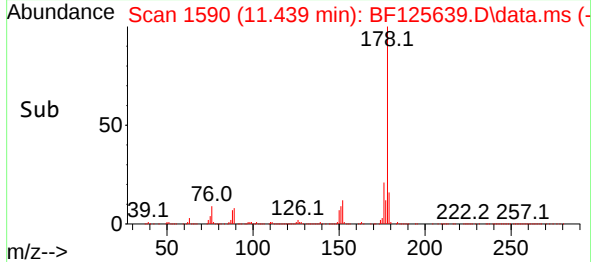
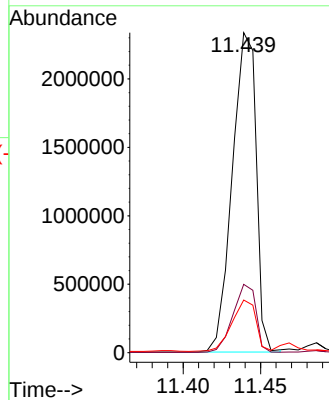
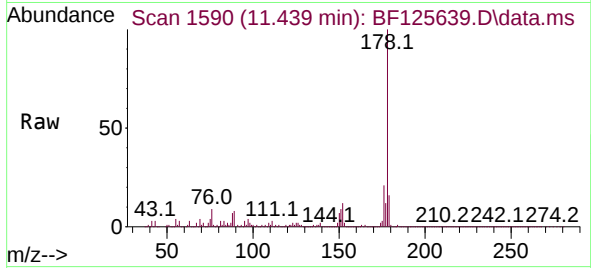




#71  
Phenanthrene  
Concen: 79.079 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

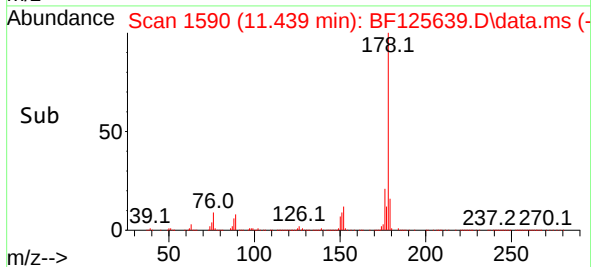
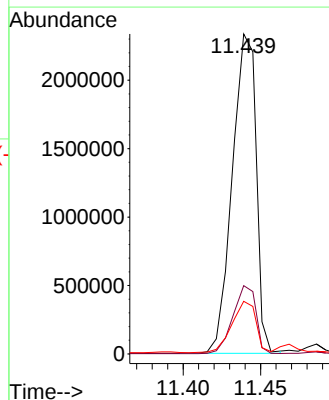
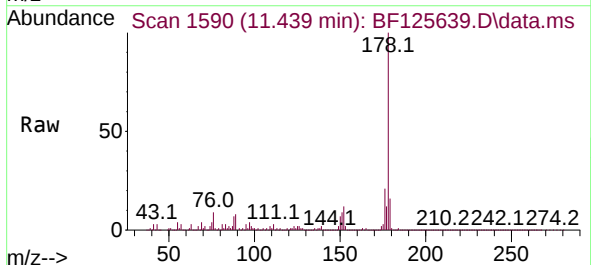
Instrument :  
BNA\_F  
ClientSampleId :

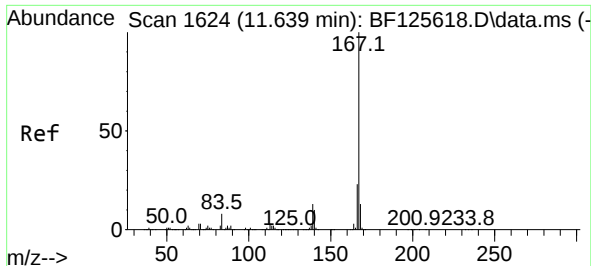
Tgt Ion:178 Resp: 2500512  
Ion Ratio Lower Upper  
178 100  
176 21.4 14.7 22.1  
179 16.5 11.5 17.3



#72  
Anthracene  
Concen: 80.028 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. -0.047 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:178 Resp: 2500512  
Ion Ratio Lower Upper  
178 100  
176 21.4 14.3 21.5  
179 16.5 12.2 18.4

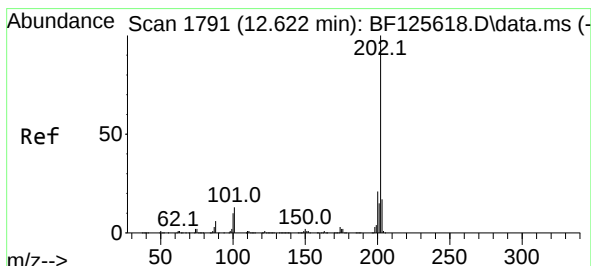
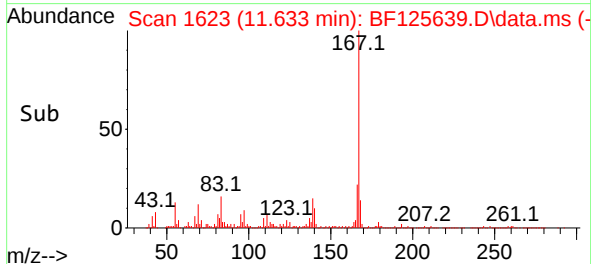
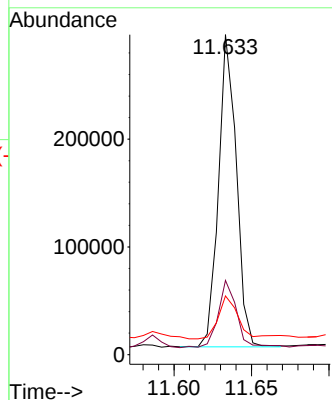
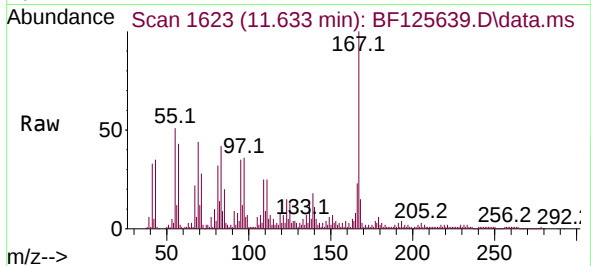




#73  
 Carbazole  
 Concen: 7.542 ng  
 RT: 11.633 min Scan# 1623  
 Delta R.T. -0.006 min  
 Lab File: BF125639.D  
 Acq: 25 Sep 2021 00:58

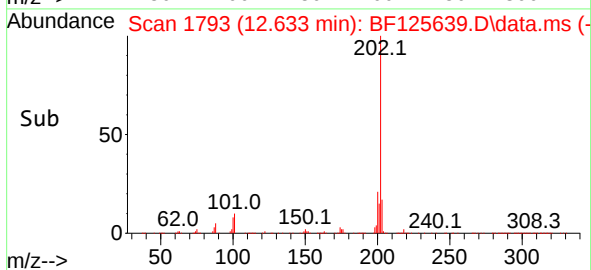
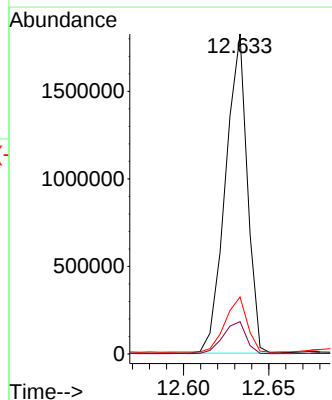
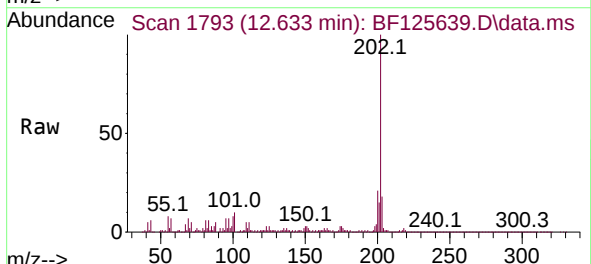
Instrument :  
 BNA\_F  
 ClientSampleId :

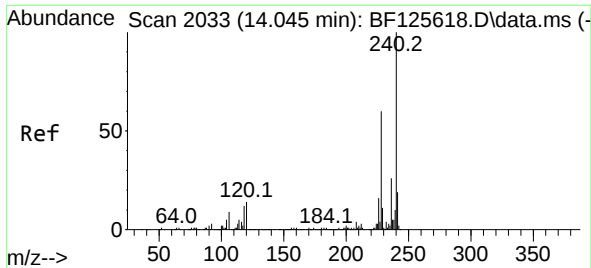
Tgt Ion:167 Resp: 231905  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 17.4 26.0  
 139 18.4 11.0 16.4#



#75  
 Fluoranthene  
 Concen: 47.883 ng  
 RT: 12.633 min Scan# 1793  
 Delta R.T. 0.011 min  
 Lab File: BF125639.D  
 Acq: 25 Sep 2021 00:58

Tgt Ion:202 Resp: 1618181  
 Ion Ratio Lower Upper  
 202 100  
 101 10.1 0.0 30.7  
 203 17.8 0.0 36.3

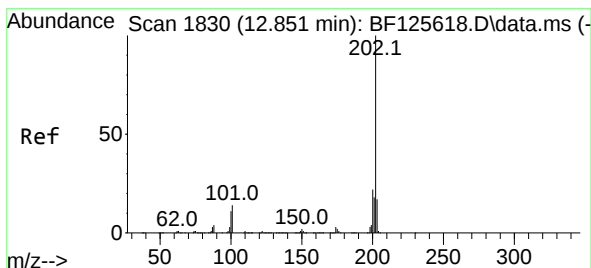
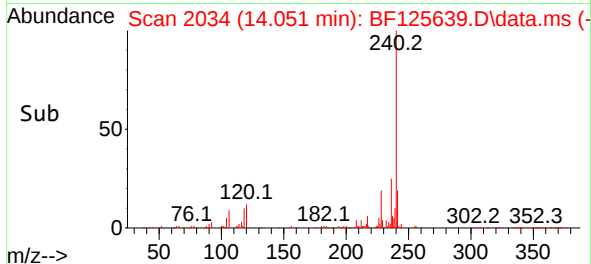
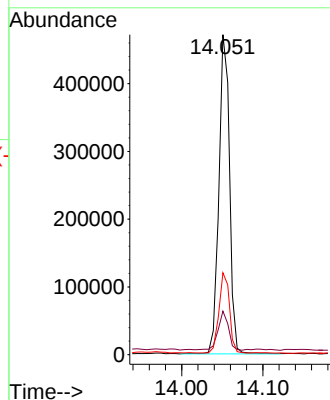
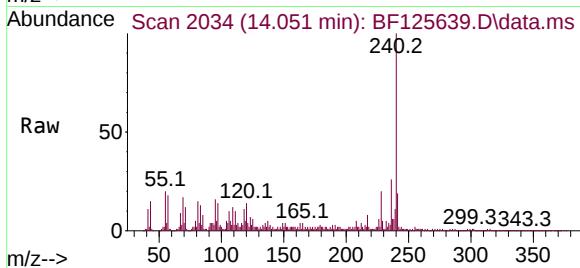




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. 0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

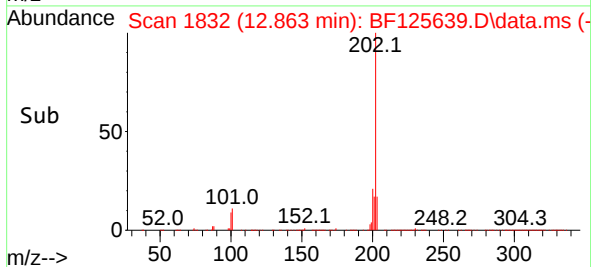
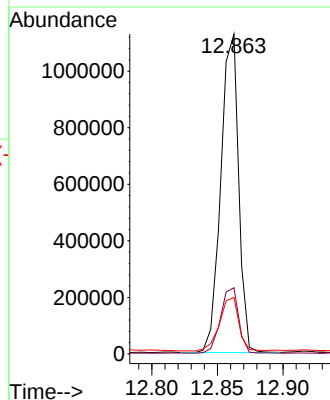
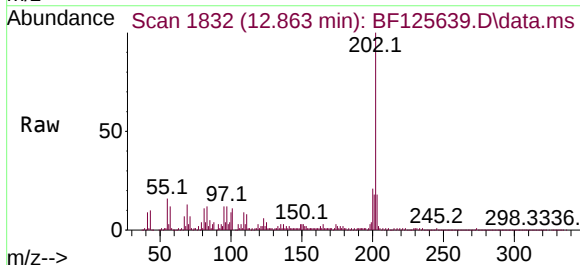
Instrument :  
BNA\_F  
ClientSampleId :

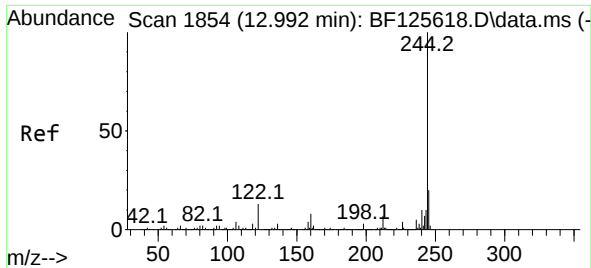
Tgt Ion:240 Resp: 428508  
Ion Ratio Lower Upper  
240 100  
120 13.6 10.8 16.2  
236 25.6 21.6 32.4



#78  
Pyrene  
Concen: 27.437 ng  
RT: 12.863 min Scan# 1832  
Delta R.T. 0.012 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:202 Resp: 1062500  
Ion Ratio Lower Upper  
202 100  
200 20.7 15.3 22.9  
203 17.7 13.4 20.0

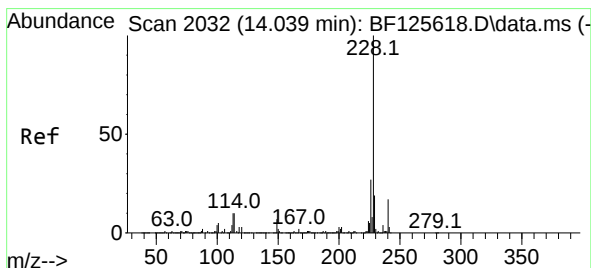
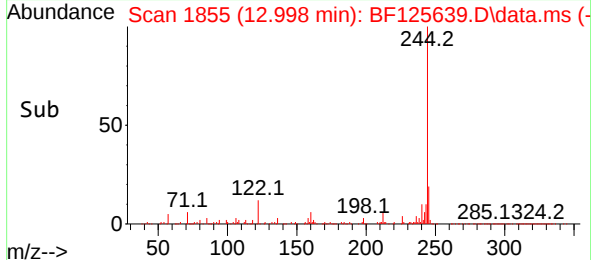
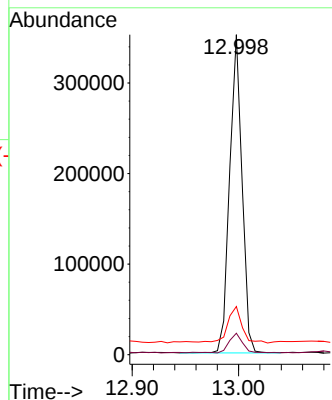
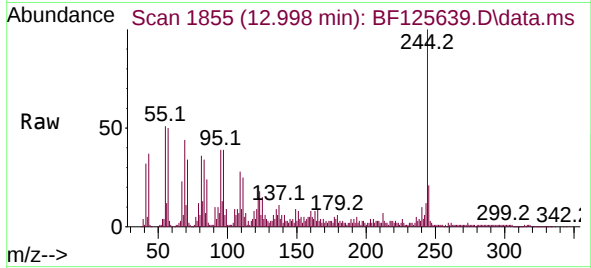




#79  
Terphenyl-d14  
Concen: 11.441 ng  
RT: 12.998 min Scan# 1855  
Delta R.T. 0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

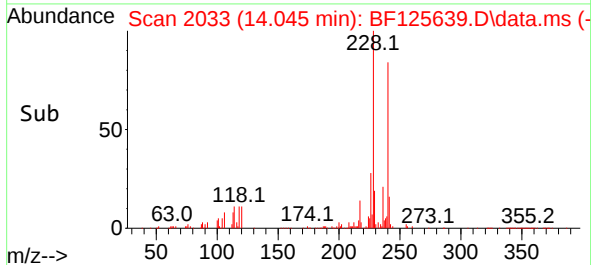
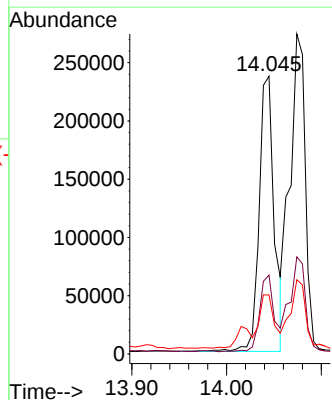
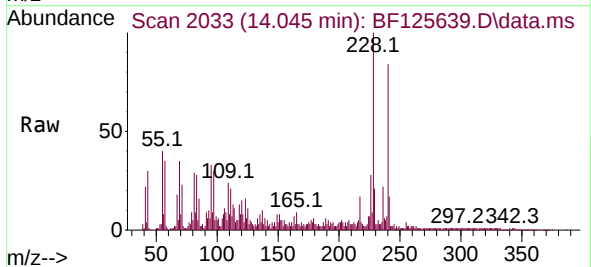
Instrument :  
BNA\_F  
ClientSampled :

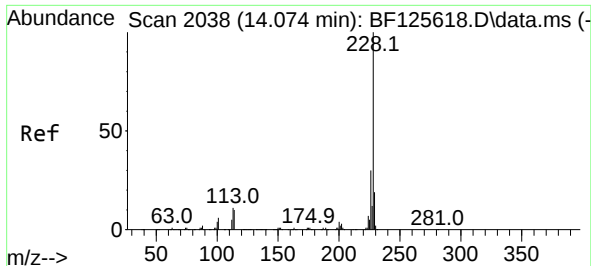
Tgt Ion:244 Resp: 283105  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.9 8.9  
122 15.1 9.0 13.4#



#81  
Benzo(a)anthracene  
Concen: 8.971 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. 0.006 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:228 Resp: 261122  
Ion Ratio Lower Upper  
228 100  
226 28.4 21.6 32.4  
229 21.2 15.6 23.4

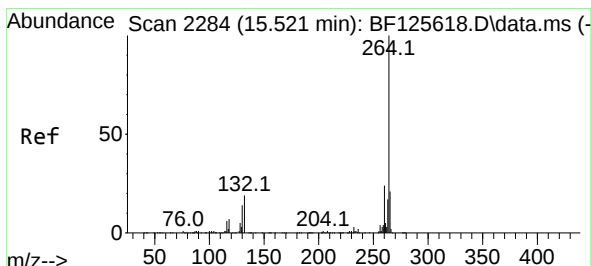
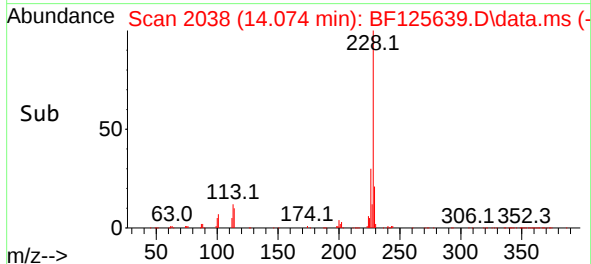
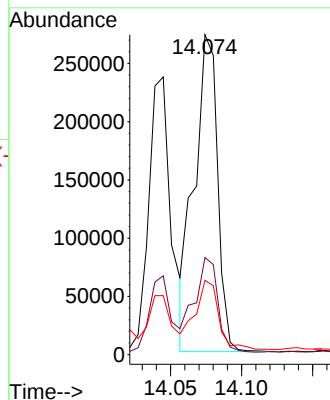
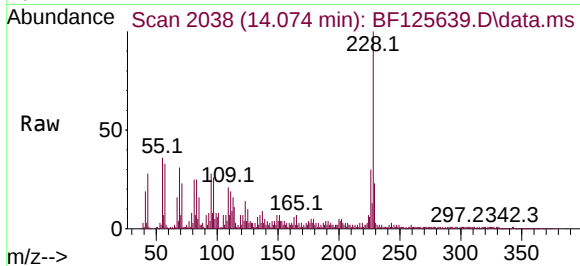




#83  
Chrysene  
Concen: 10.627 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

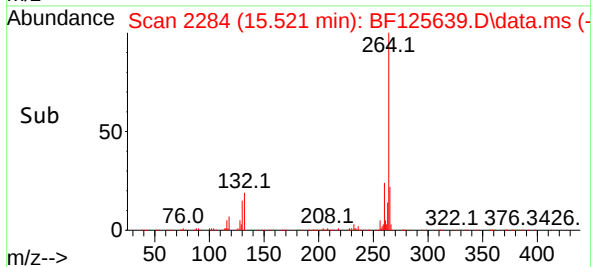
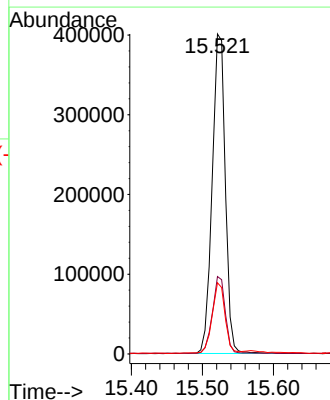
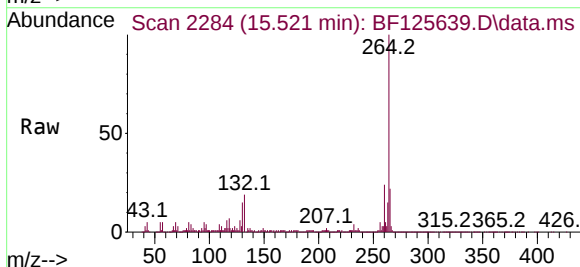
Instrument :  
BNA\_F  
ClientSampleId :

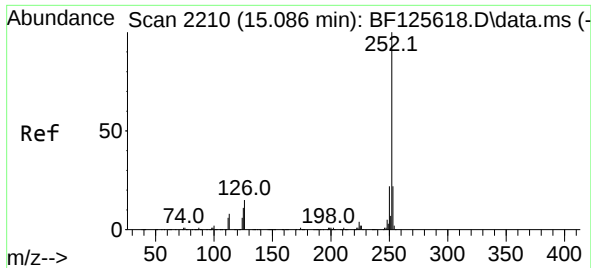
Tgt Ion:228 Resp: 310410  
Ion Ratio Lower Upper  
228 100  
226 30.3 22.6 34.0  
229 23.2 15.9 23.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:264 Resp: 513924  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.6 29.4  
265 22.2 17.2 25.8

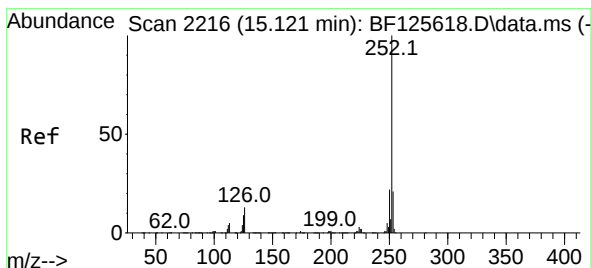
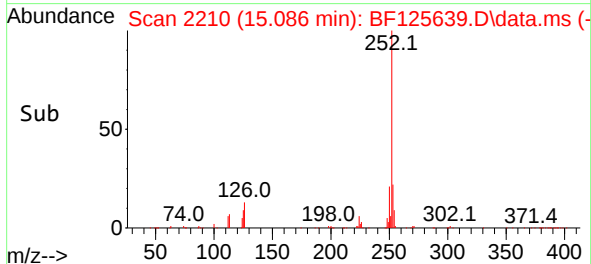
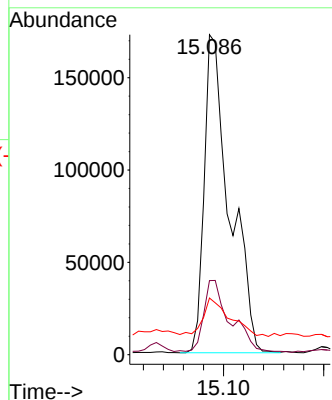
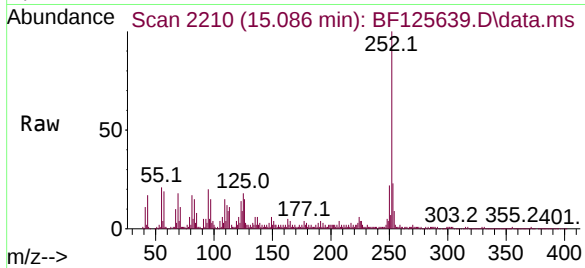




#88  
Benzo(b)fluoranthene  
Concen: 8.431 ng  
RT: 15.086 min Scan# 2210  
Delta R.T. -0.000 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:252 Resp: 303588  
Ion Ratio Lower Upper  
252 100  
253 23.2 16.8 25.2  
125 17.7 9.8 14.8#



#89  
Benzo(k)fluoranthene  
Concen: 8.800 ng  
RT: 15.086 min Scan# 2210  
Delta R.T. -0.035 min  
Lab File: BF125639.D  
Acq: 25 Sep 2021 00:58

Tgt Ion:252 Resp: 303588  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.8 26.8  
125 17.7 7.2 10.8#

