

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042121\  
 Data File : BF123670.D  
 Acq On : 21 Apr 2021 16:47  
 Operator : JU/CG  
 Sample : M2075-19  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 TP-6-S

Quant Time: Apr 21 18:11:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 15:49:40 2021  
 Response via : Initial Calibration

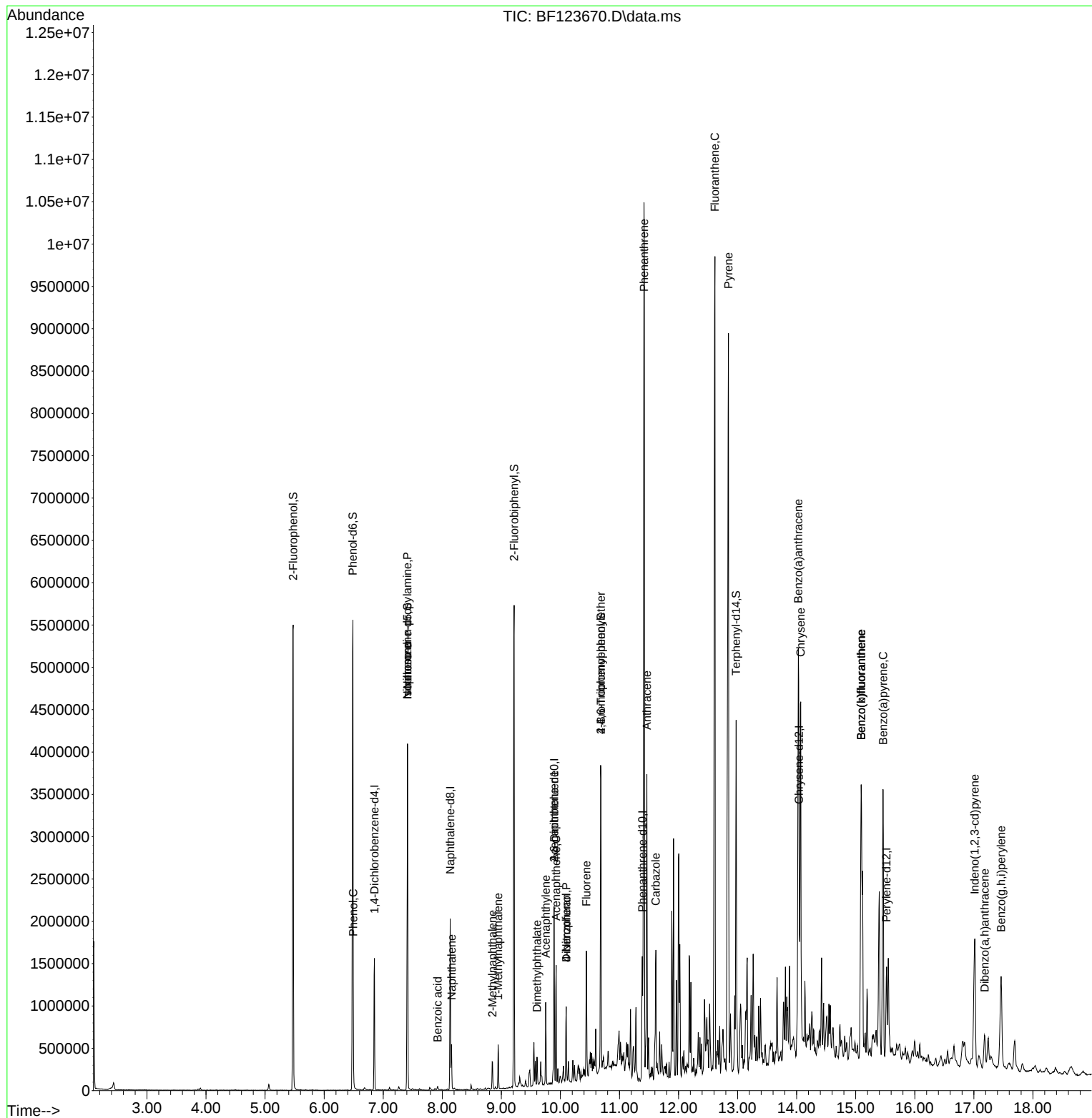
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 197977   | 20.00  | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 754218   | 20.00  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 347003   | 20.00  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 585429   | 20.00  | ng     | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 381689   | 20.00  | ng     | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 448610   | 20.00  | ng     | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1314071  | 107.28 | ng     | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 1678101  | 98.86  | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 1184431  | 72.19  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 378701   | 96.38  | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 1694127  | 72.78  | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 1231198  | 62.69  | ng     | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 10) Phenol                    | 6.493  | 94   | 37651    | 2.09   | ng     | # 67     |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 159724   | 14.21  | ng     | # 74     |
| 25) Isophorone                | 7.410  | 82   | 1184418  | 37.21  | ng     | # 69     |
| 31) Naphthalene               | 8.157  | 128  | 194299   | 5.00   | ng     | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 9542     | 5.74   | ng     | # 14     |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 84797    | 3.33   | ng     | 95       |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 124136   | 5.15   | ng     | 99       |
| 49) Acenaphthylene            | 9.751  | 152  | 297085   | 8.89   | ng     | 98       |
| 50) Dimethylphthalate         | 9.604  | 163  | 100201   | 4.18   | ng     | 99       |
| 51) 2,6-Dinitrotoluene        | 9.892  | 165  | 50957    | 9.68   | ng     | # 12     |
| 52) Acenaphthene              | 9.928  | 154  | 255859   | 11.93  | ng     | 99       |
| 55) Dibenzofuran              | 10.098 | 168  | 235735   | 7.66   | ng     | # 95     |
| 56) 4-Nitrophenol             | 10.098 | 139  | 93752    | 20.04  | ng     | # 1      |
| 58) Fluorene                  | 10.439 | 166  | 354191   | 14.64  | ng     | 99       |
| 67) 4-Bromophenyl-phenylether | 10.686 | 248  | 22994    | 3.76   | ng     | # 1      |
| 71) Phenanthrene              | 11.416 | 178  | 4428596  | 144.95 | ng     | 98       |
| 72) Anthracene                | 11.463 | 178  | 1189013  | 38.94  | ng     | 99       |
| 73) Carbazole                 | 11.616 | 167  | 569536   | 18.69  | ng     | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 4614323  | 137.42 | ng     | 99       |
| 78) Pyrene                    | 12.845 | 202  | 4204096  | 150.92 | ng     | 98       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 1963565  | 83.95  | ng     | 97       |
| 83) Chrysene                  | 14.069 | 228  | 1614058  | 68.72  | ng     | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 1104791  | 46.16  | ng     | 97       |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 2766645  | 87.35  | ng     | # 97     |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 2766645  | 99.44  | ng     | # 97     |
| 90) Benzo(a)pyrene            | 15.463 | 252  | 1679826  | 66.68  | ng     | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.186 | 278  | 262724   | 12.98  | ng     | 98       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 955298   | 48.15  | ng     | 96       |
| -----                         |        |      |          |        |        |          |

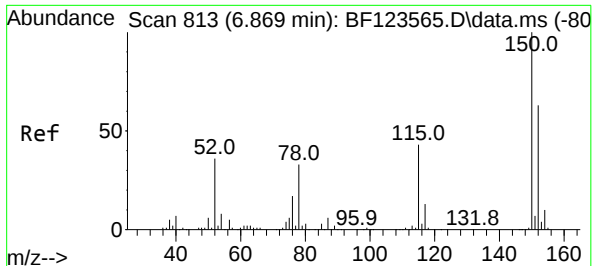
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :  
TP-6-S

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QLast Update : Tue Apr 20 15:49:40 2021  
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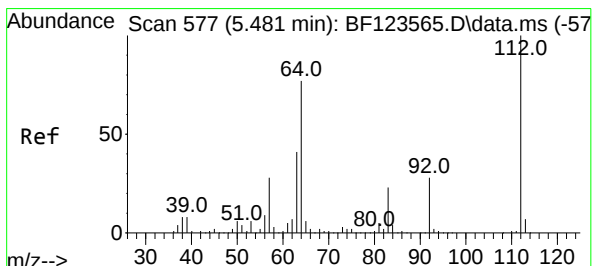
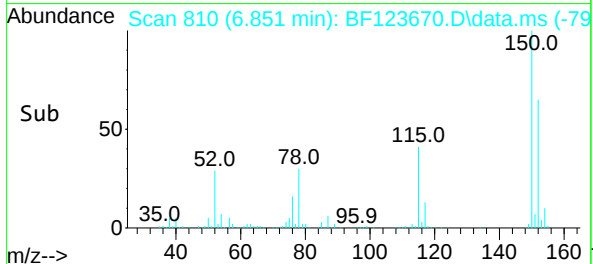
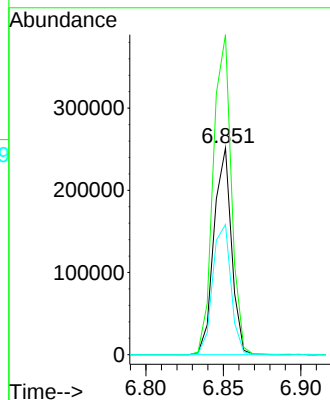
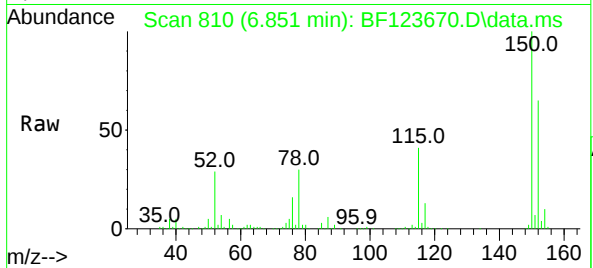




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.851 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

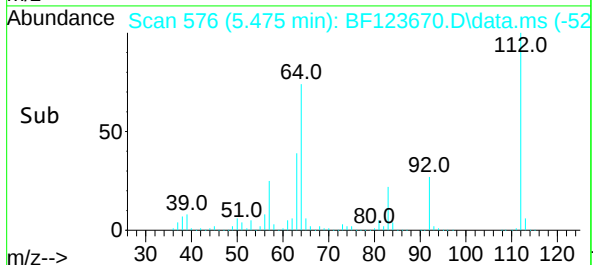
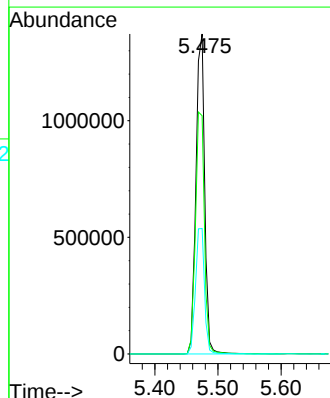
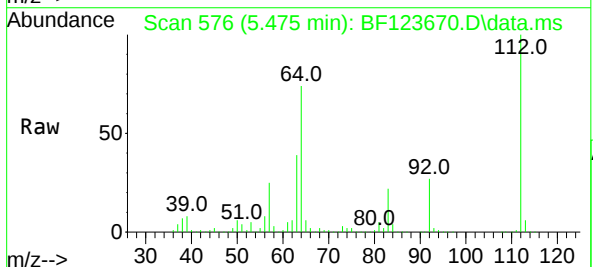
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

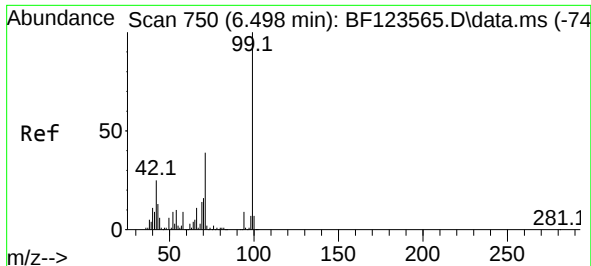
Tgt Ion:152 Resp: 197977  
Ion Ratio Lower Upper  
152 100  
150 154.8 127.0 190.6  
115 63.0 54.3 81.5



#5  
2-Fluorophenol  
Concen: 107.28 ng  
RT: 5.475 min Scan# 576  
Delta R.T. 0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:112 Resp: 1314071  
Ion Ratio Lower Upper  
112 100  
64 74.4 61.4 92.0  
63 39.2 33.0 49.4

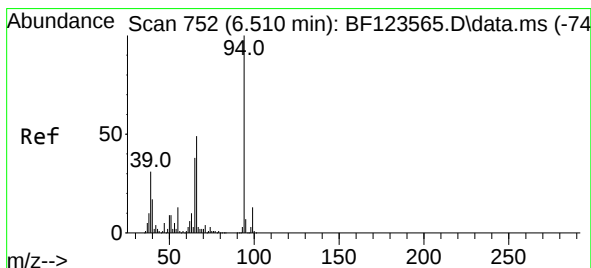
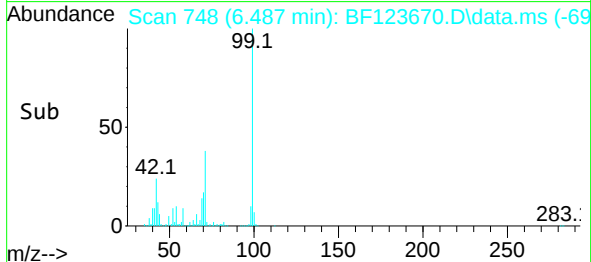
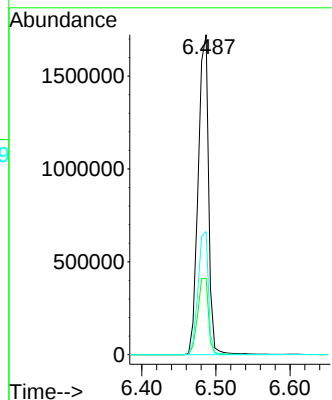
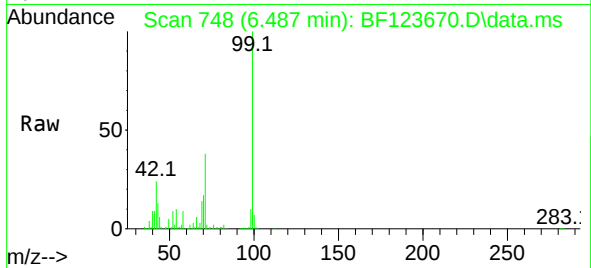




#7  
Phenol-d6  
Concen: 98.86 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

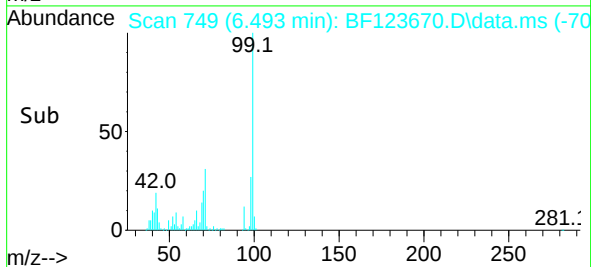
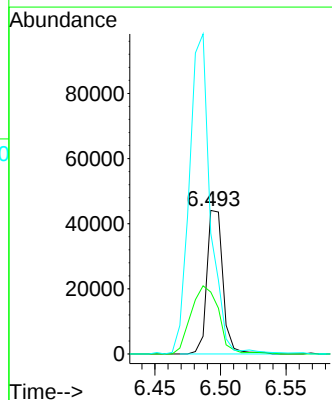
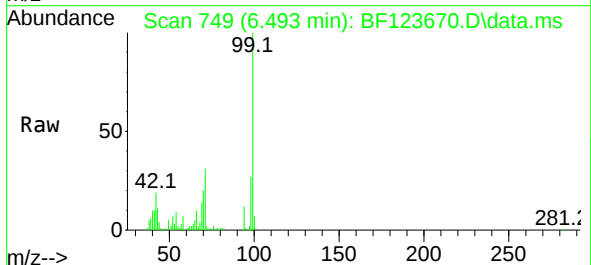
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

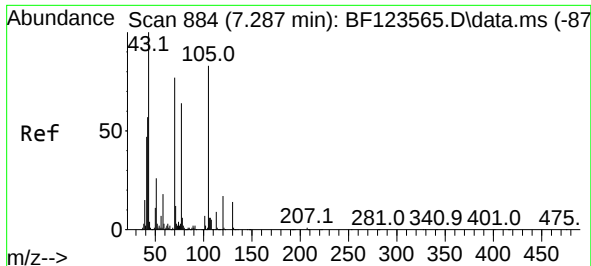
Tgt Ion: 99 Resp: 1678101  
Ion Ratio Lower Upper  
99 100  
42 23.8 19.8 29.8  
71 38.4 31.1 46.7



#10  
Phenol  
Concen: 2.09 ng  
RT: 6.493 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

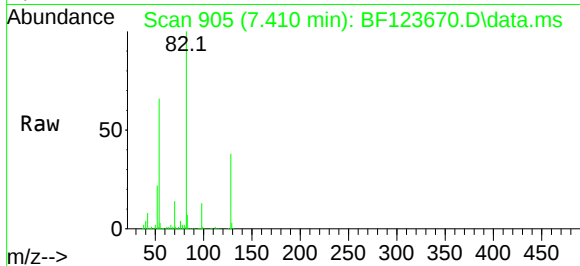
Tgt Ion: 94 Resp: 37651  
Ion Ratio Lower Upper  
94 100  
65 43.1 18.1 58.1  
66 84.2 29.0 69.0#



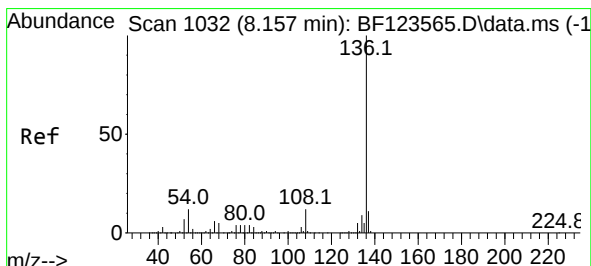
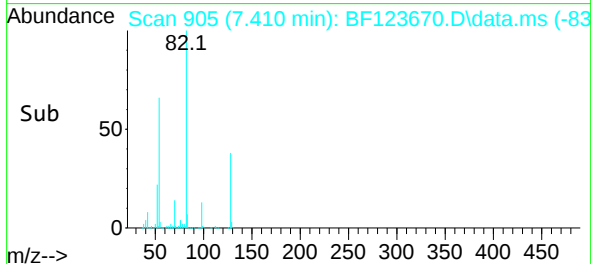
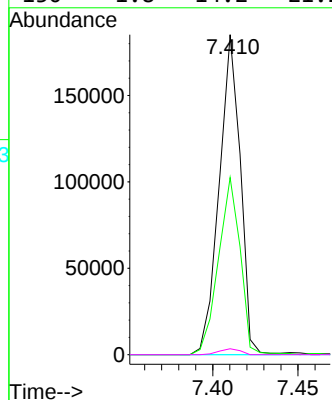


#19  
n-Nitroso-di-n-propylamine  
Concen: 14.21 ng  
RT: 7.410 min Scan# 905  
Delta R.T. 0.141 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

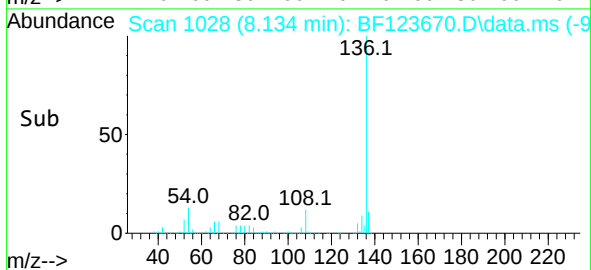
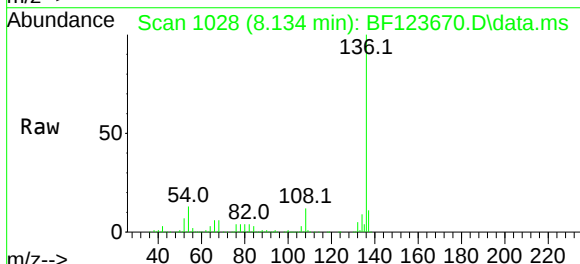
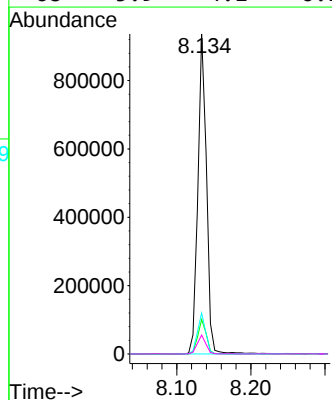


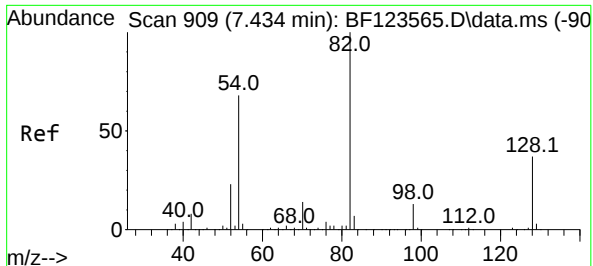
Tgt Ion: 70 Resp: 159724  
Ion Ratio Lower Upper  
70 100  
42 55.4 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.8 14.2 21.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.134 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion: 136 Resp: 754218  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 12.8 9.8 14.6  
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 72.19 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123670.D

Acq: 21 Apr 2021 16:47

Tgt Ion: 82 Resp: 1184431

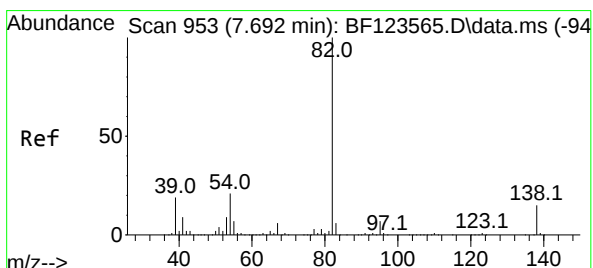
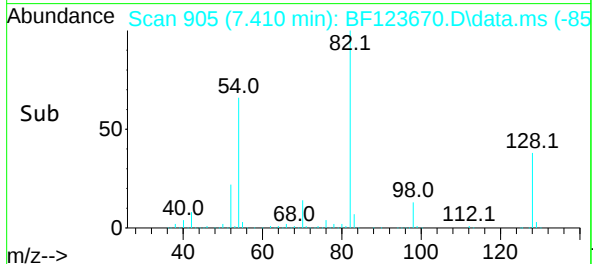
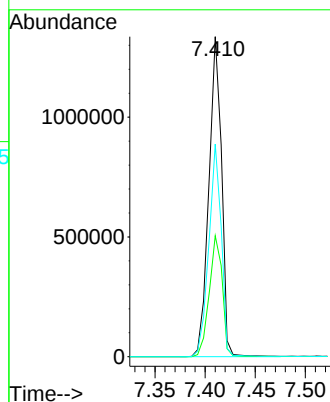
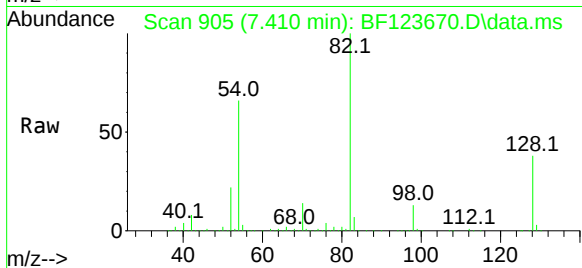
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.8  | 29.4  | 44.2  |
| 54  | 66.4  | 54.1  | 81.1  |

Instrument :

BNA\_F

ClientSampleId :

TP-6-S



#25

Isophorone

Concen: 37.21 ng

RT: 7.410 min Scan# 905

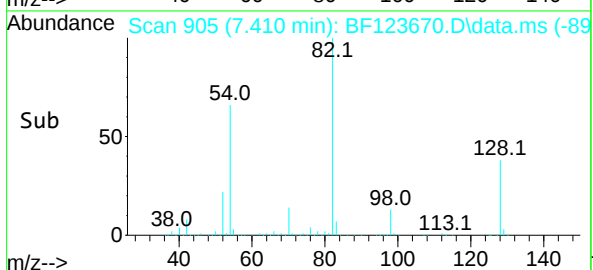
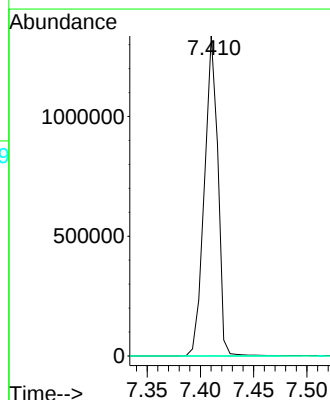
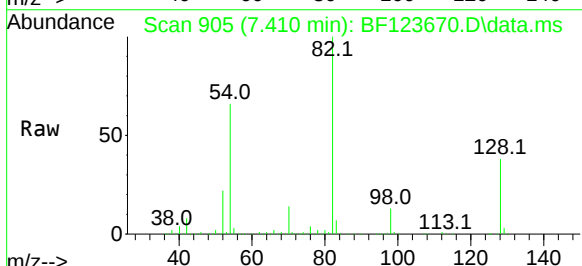
Delta R.T. -0.265 min

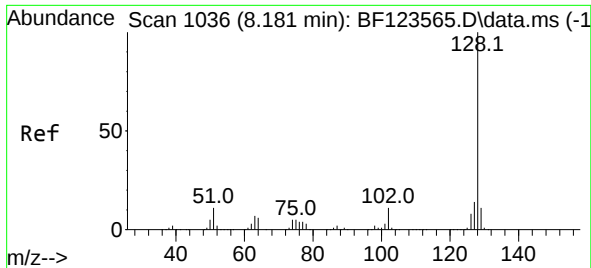
Lab File: BF123670.D

Acq: 21 Apr 2021 16:47

Tgt Ion: 82 Resp: 1184418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 0.0   | 5.8   | 8.6#  |
| 138 | 0.0   | 11.8  | 17.8# |

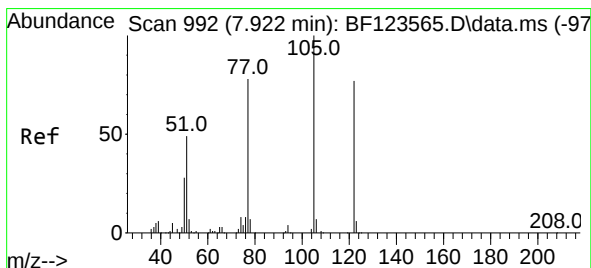
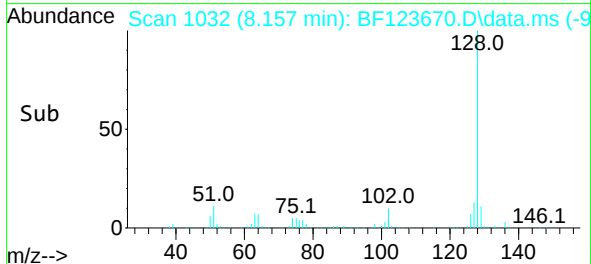
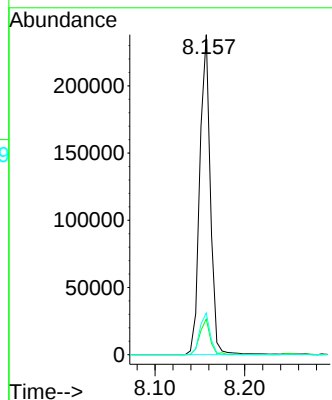
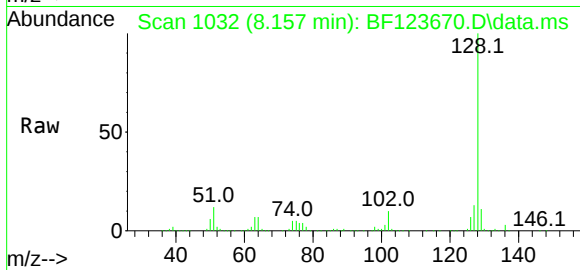




#31  
Naphthalene  
Concen: 5.00 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

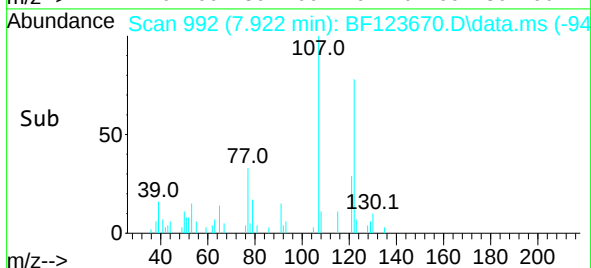
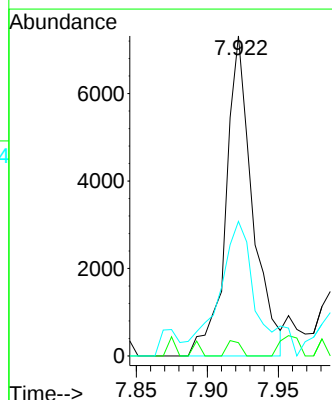
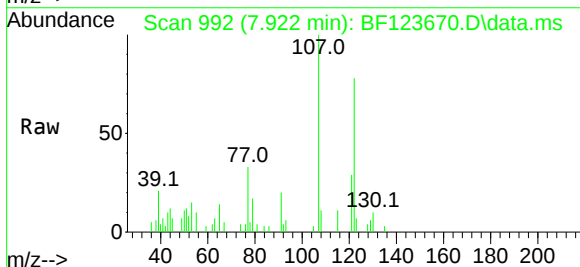
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BNA\_F  
ClientSampled :  
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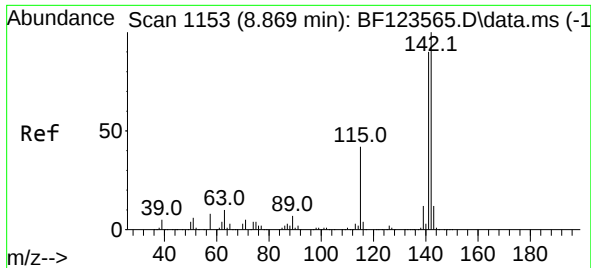
Tgt Ion:128 Resp: 194299  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 13.0 10.8 16.2



#32  
Benzoic acid  
Concen: 5.74 ng  
RT: 7.922 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:122 Resp: 9542  
Ion Ratio Lower Upper  
122 100  
105 4.2 107.8 147.8#  
77 42.1 81.6 121.6#

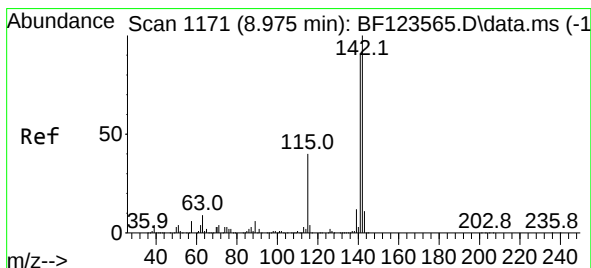
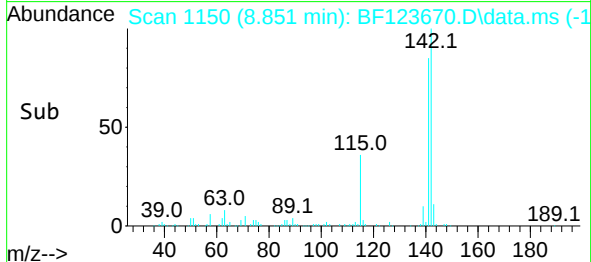
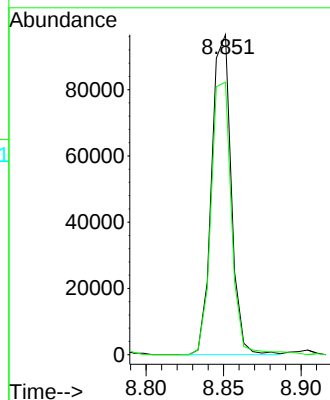
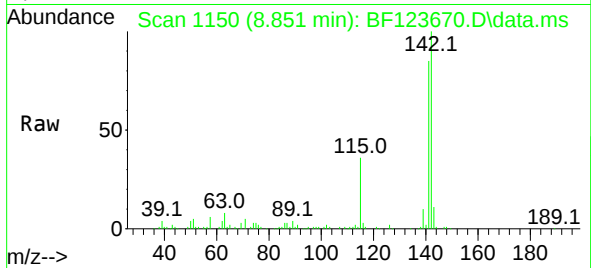




#37  
2-Methylnaphthalene  
Concen: 3.33 ng  
RT: 8.851 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

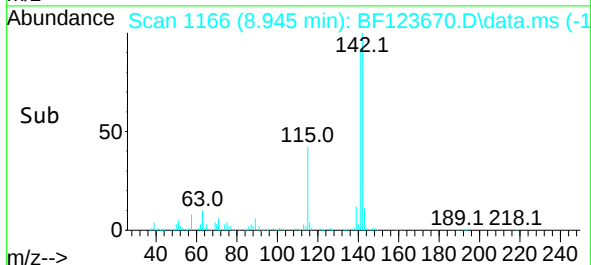
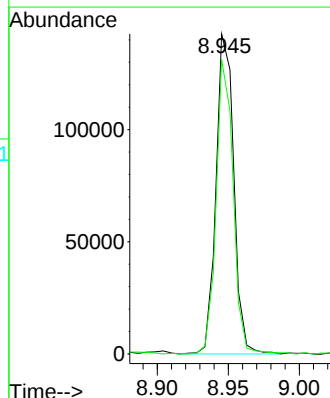
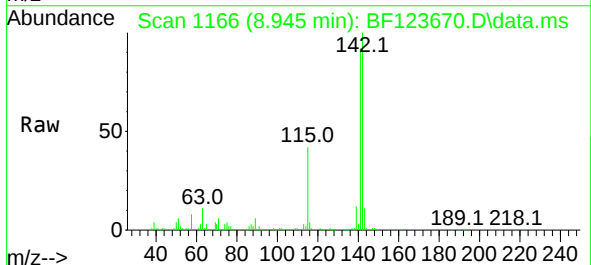
Instrument :  
BNA\_F  
ClientSampled :  
TP-6-S

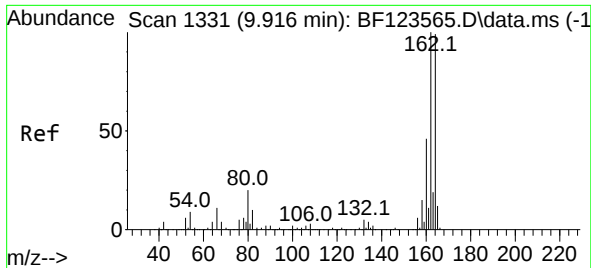
Tgt Ion:142 Resp: 84797  
Ion Ratio Lower Upper  
142 100  
141 85.2 71.8 107.6



#38  
1-Methylnaphthalene  
Concen: 5.15 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:142 Resp: 124136  
Ion Ratio Lower Upper  
142 100  
141 92.0 72.8 109.2

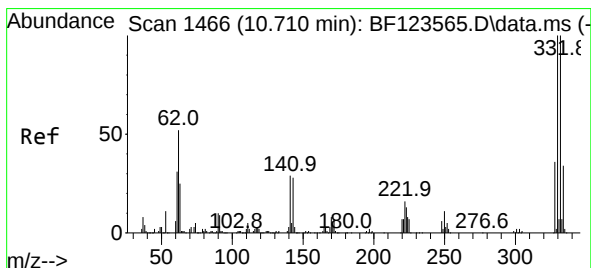
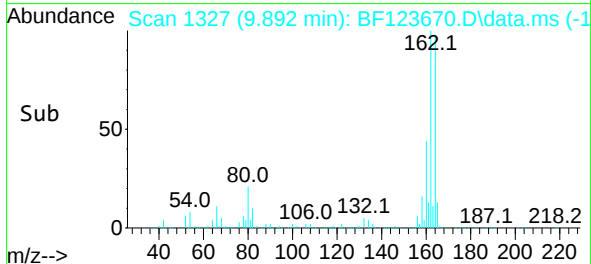
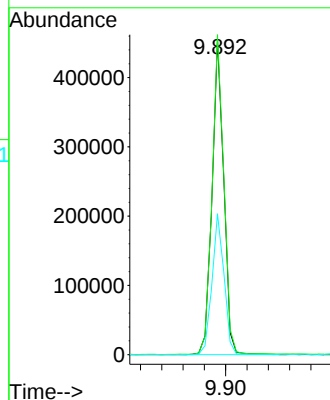
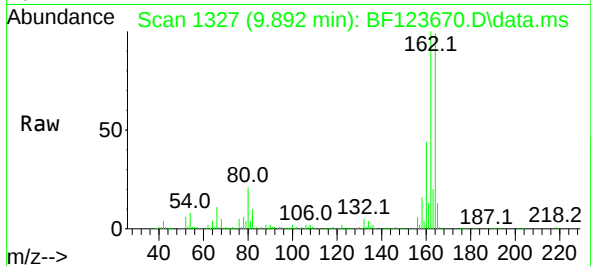




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

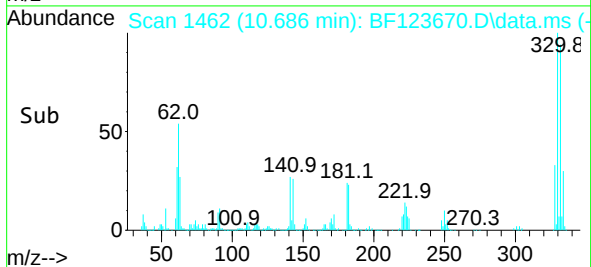
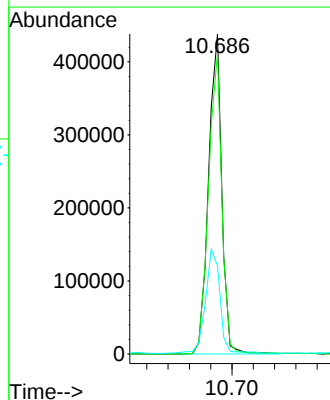
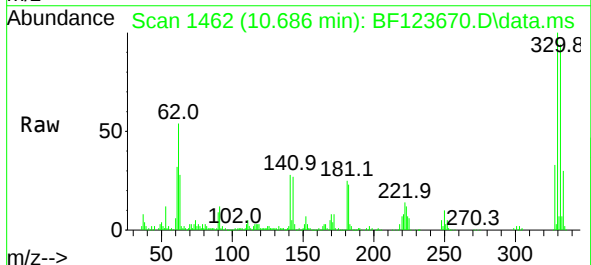
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

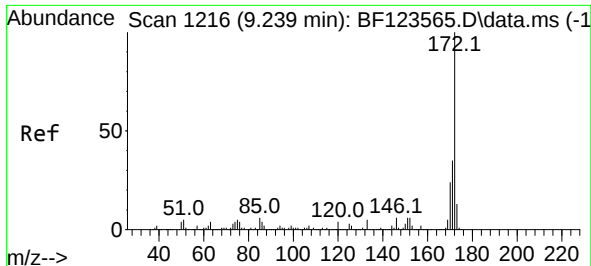
Tgt Ion:164 Resp: 347003  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.7 121.1  
160 44.7 37.3 55.9



#42  
2,4,6-Tribromophenol  
Concen: 96.38 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. 0.000 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:330 Resp: 378701  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.1 115.7  
141 35.7 27.9 41.9

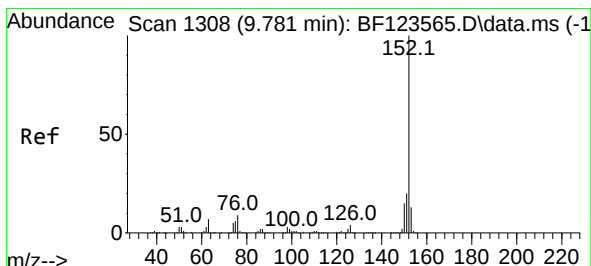
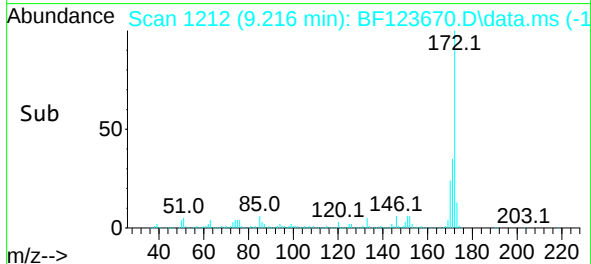
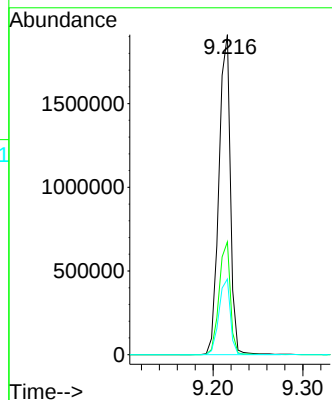
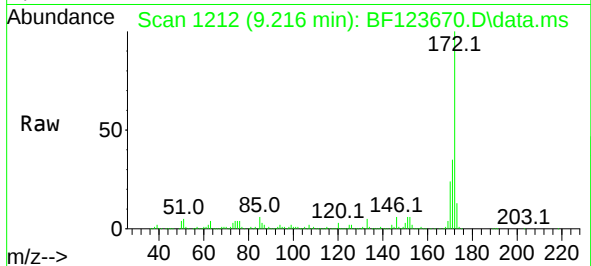




#45  
2-Fluorobiphenyl  
Concen: 72.78 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

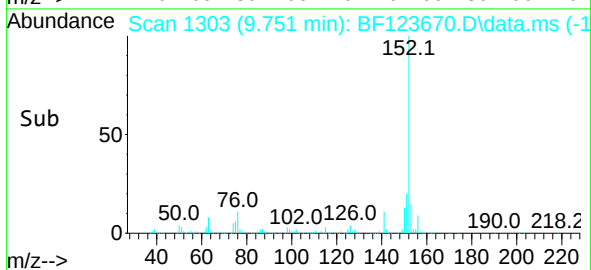
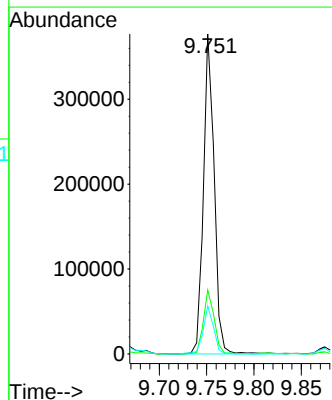
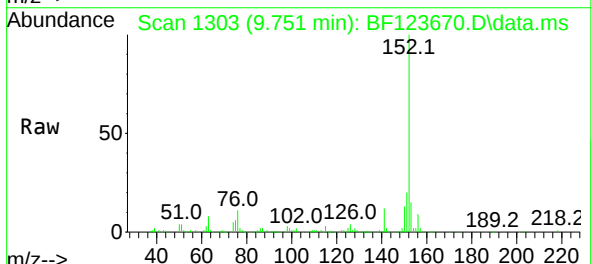
Instrument :  
BNA\_F  
ClientSampleId :  
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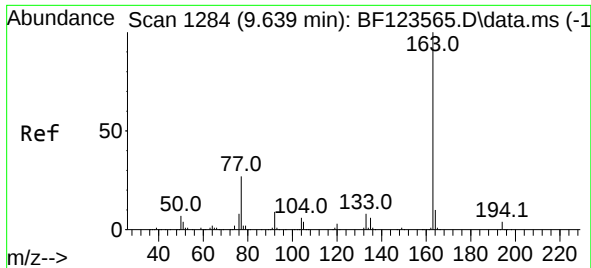
Tgt Ion:172 Resp: 1694127  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 23.6 19.2 28.8



#49  
Acenaphthylene  
Concen: 8.89 ng  
RT: 9.751 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:152 Resp: 297085  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.0 24.0  
153 15.0 10.4 15.6

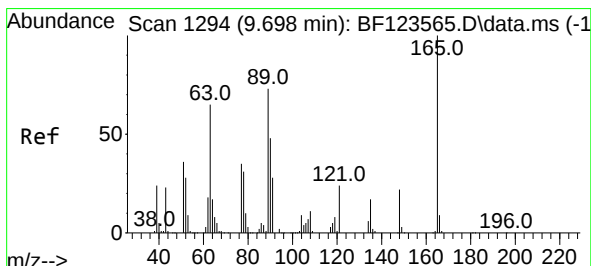
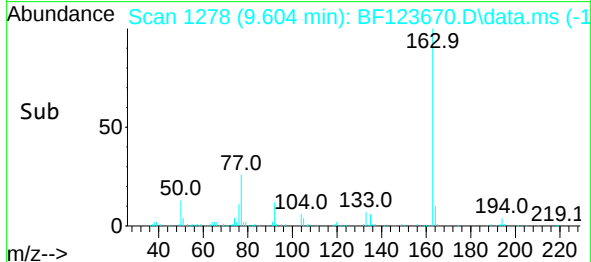
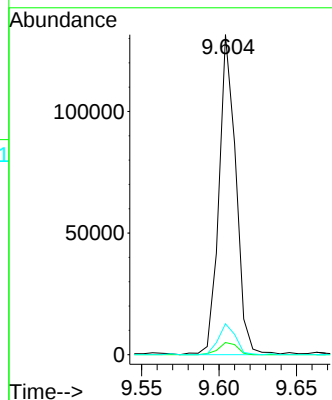
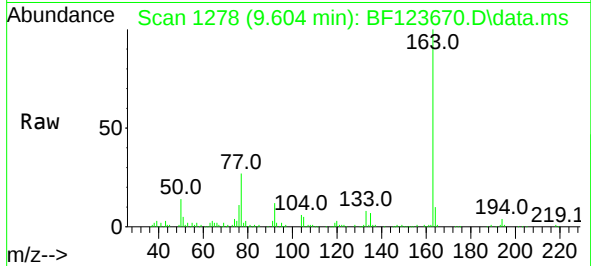




#50  
Dimethylphthalate  
Concen: 4.18 ng  
RT: 9.604 min Scan# 1278  
Delta R.T. -0.018 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

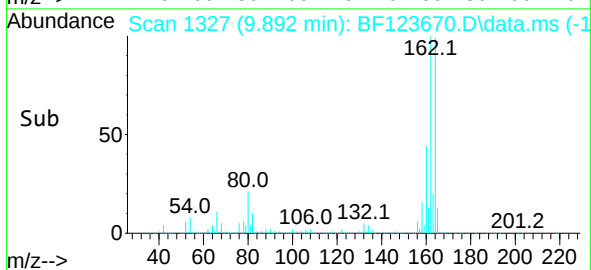
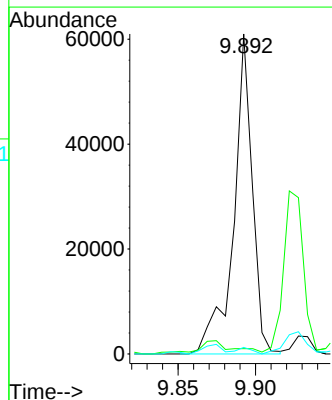
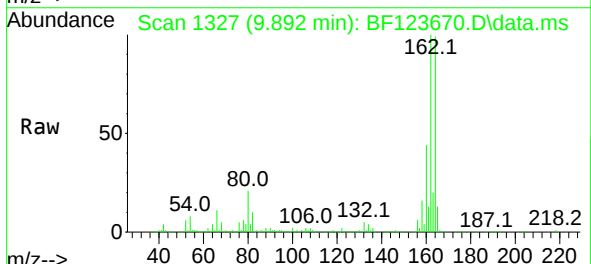
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

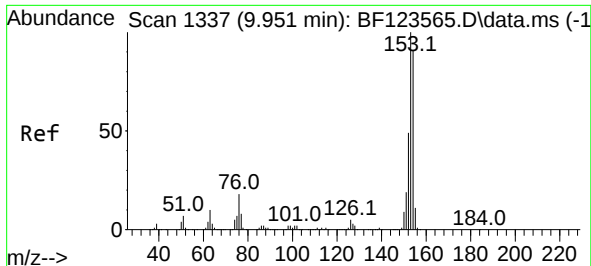
Tgt Ion:163 Resp: 100201  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 9.6 8.2 12.2



#51  
2,6-Dinitrotoluene  
Concen: 9.68 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.212 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:165 Resp: 50957  
Ion Ratio Lower Upper  
165 100  
63 1.6 67.7 101.5#  
89 2.1 58.8 88.2#

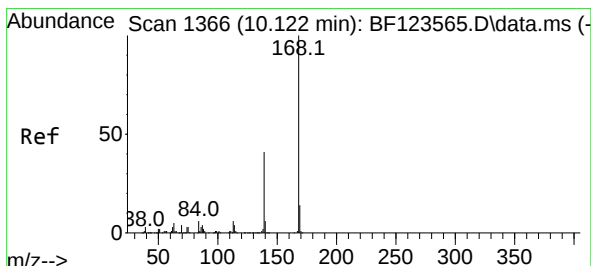
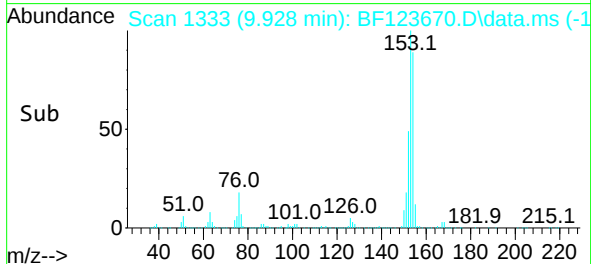
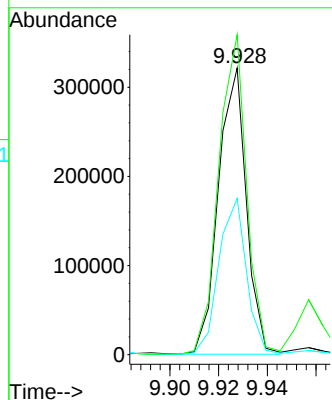
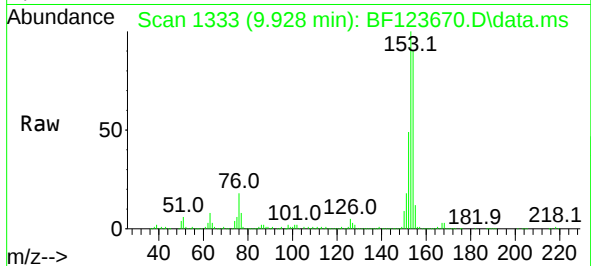




#52  
Acenaphthene  
Concen: 11.93 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

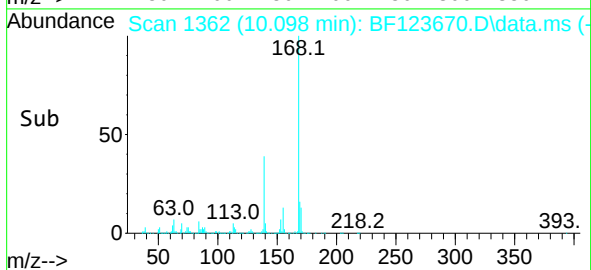
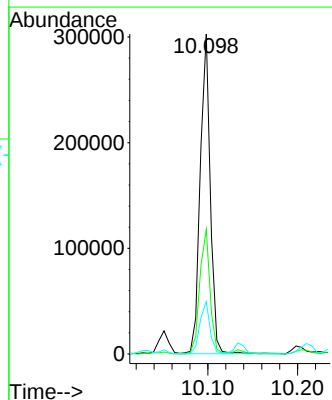
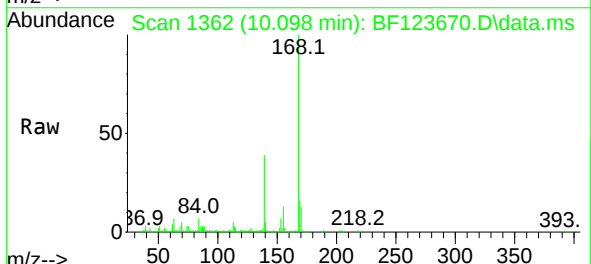
Instrument :  
BNA\_F  
ClientSampleId :  
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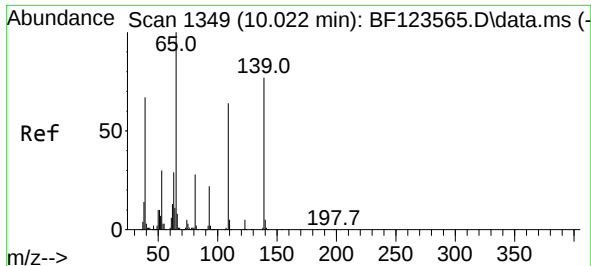
Tgt Ion:154 Resp: 255859  
Ion Ratio Lower Upper  
154 100  
153 111.6 88.1 132.1  
152 54.5 43.4 65.0



#55  
Dibenzofuran  
Concen: 7.66 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:168 Resp: 235735  
Ion Ratio Lower Upper  
168 100  
139 38.9 33.2 49.8  
169 16.3 10.8 16.2#

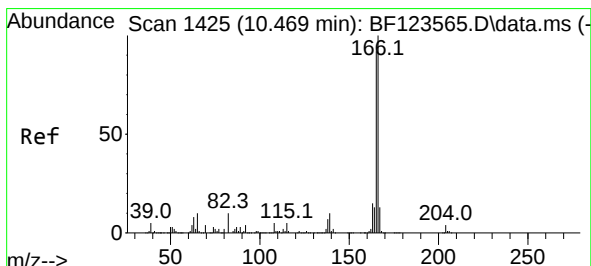
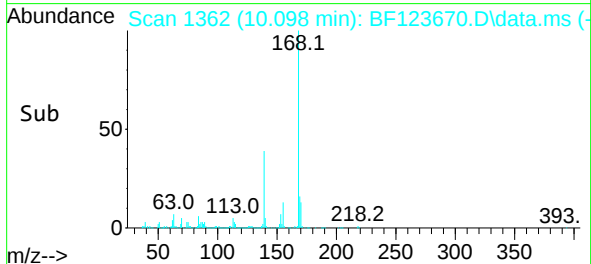
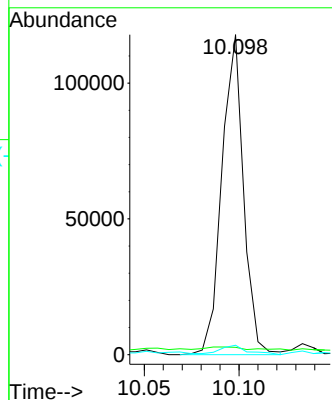
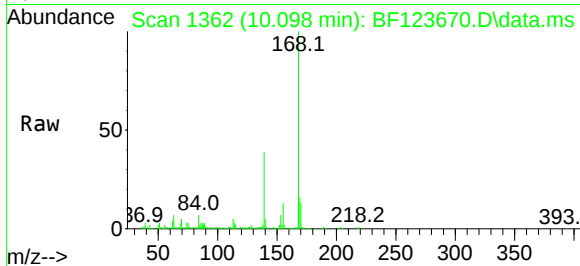




#56  
4-Nitrophenol  
Concen: 20.04 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. 0.082 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

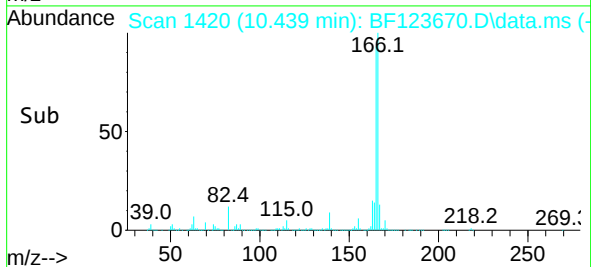
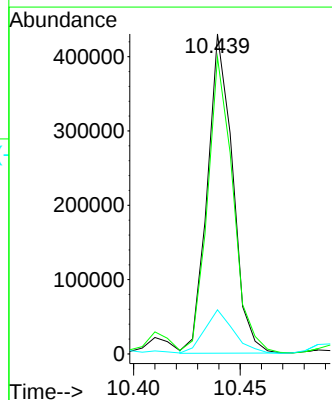
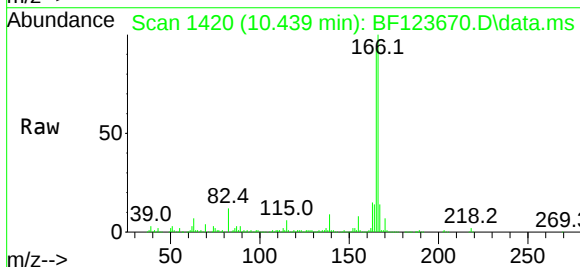
Instrument :  
BNA\_F  
ClientSampleId :  
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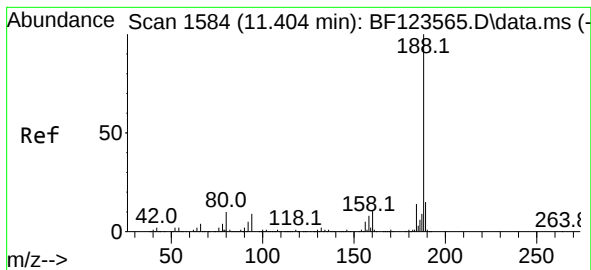
Tgt Ion:139 Resp: 93752  
Ion Ratio Lower Upper  
139 100  
109 2.3 63.2 103.2#  
65 2.9 110.0 150.0#



#58  
Fluorene  
Concen: 14.64 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:166 Resp: 354191  
Ion Ratio Lower Upper  
166 100  
165 92.8 73.5 110.3  
167 13.8 10.7 16.1

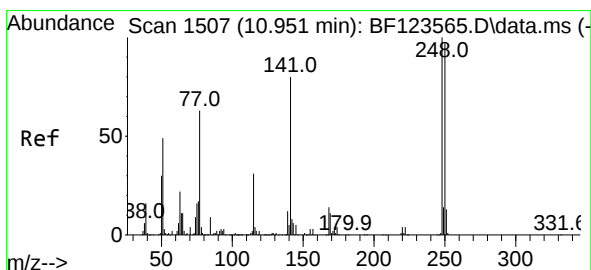
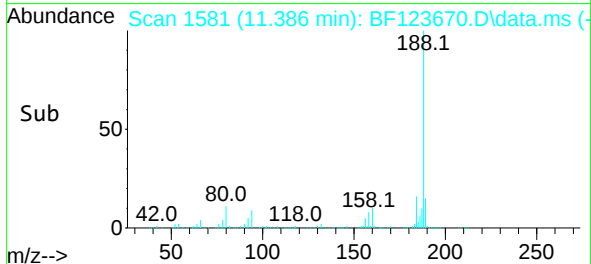
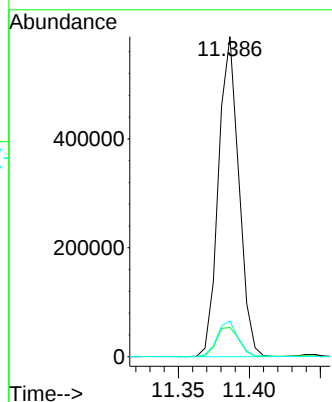
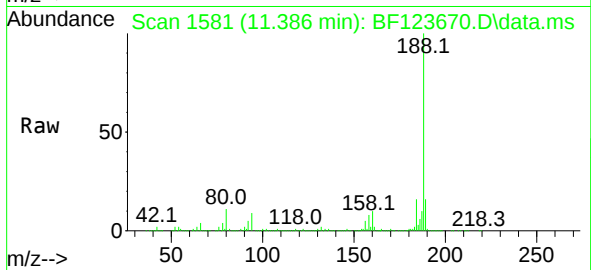




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

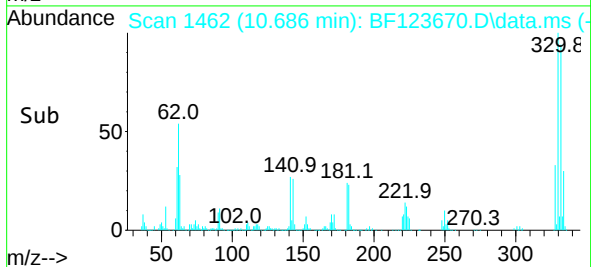
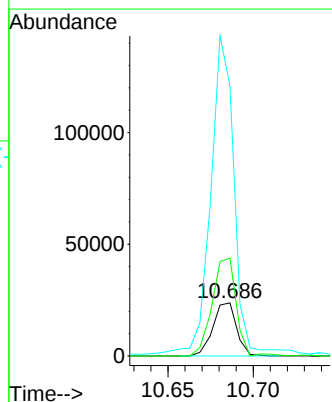
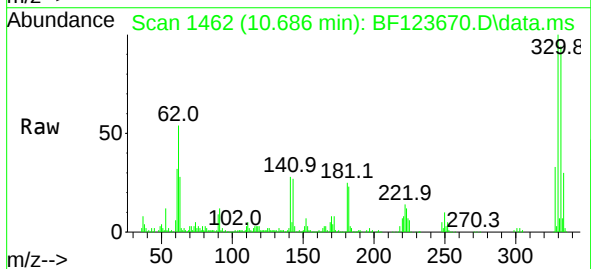
Instrument :  
BNA\_F  
ClientSampled :  
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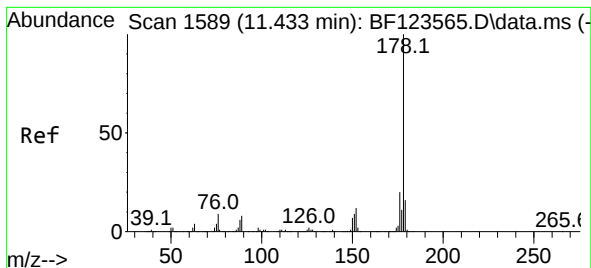
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 585429 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.1      | 6.9 10.3     |
| 80 11.2     | 8.2 12.2     |



#67  
4-Bromophenyl-phenylether  
Concen: 3.76 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.241 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

|             |             |
|-------------|-------------|
| Tgt Ion:248 | Resp: 22994 |
| Ion Ratio   | Lower Upper |
| 248 100     |             |
| 250 183.9   | 77.4 116.2# |
| 141 508.3   | 63.7 95.5#  |

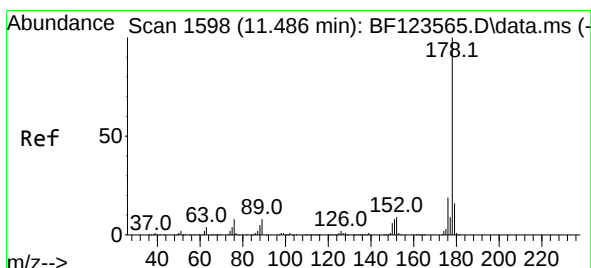
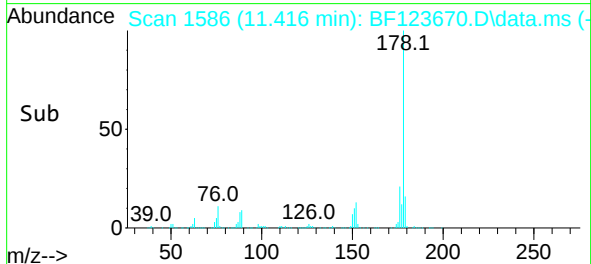
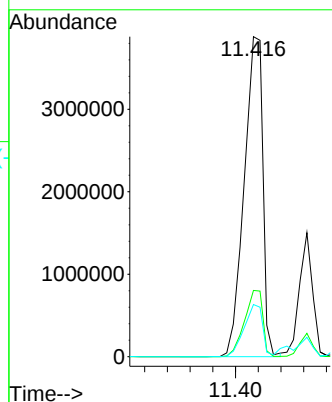
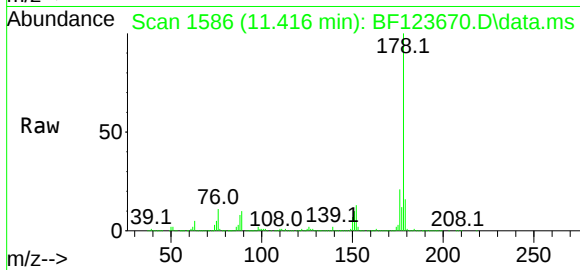




#71  
Phenanthrene  
Concen: 144.95 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

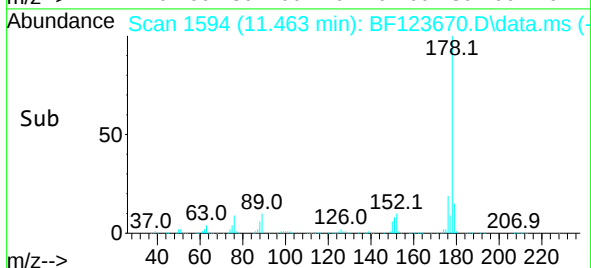
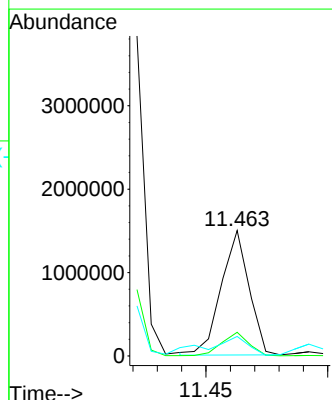
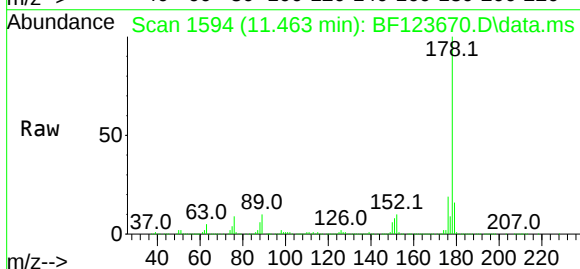
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

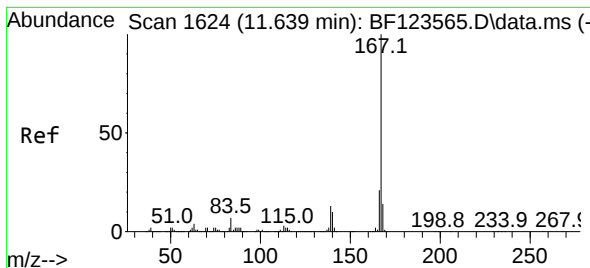
Tgt Ion:178 Resp: 4428596  
Ion Ratio Lower Upper  
178 100  
176 20.7 15.6 23.4  
179 16.3 12.5 18.7



#72  
Anthracene  
Concen: 38.94 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:178 Resp: 1189013  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.6 12.6 18.8

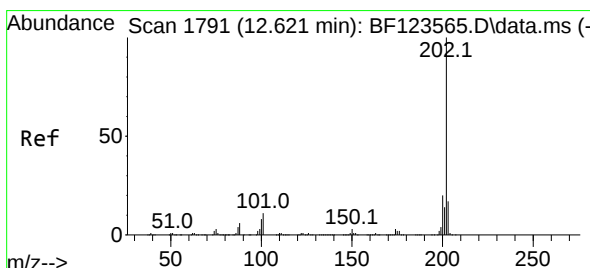
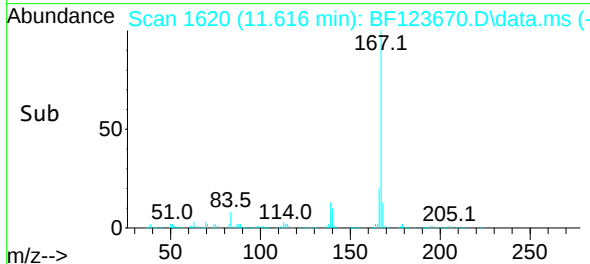
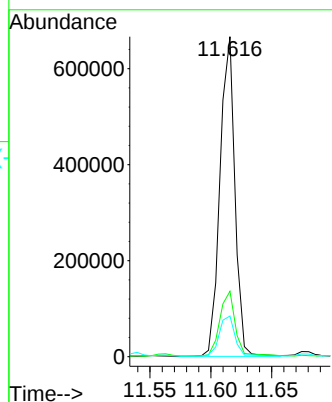
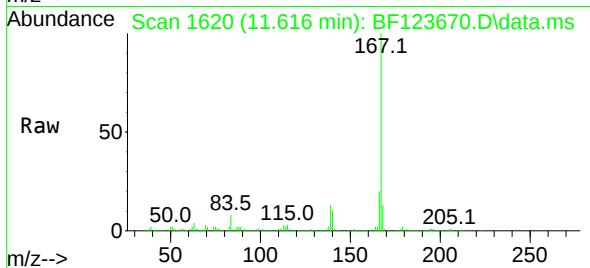




#73  
 Carbazole  
 Concen: 18.69 ng  
 RT: 11.616 min Scan# 1620  
 Delta R.T. 0.000 min  
 Lab File: BF123670.D  
 Acq: 21 Apr 2021 16:47

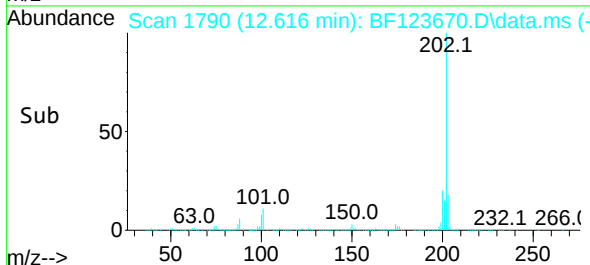
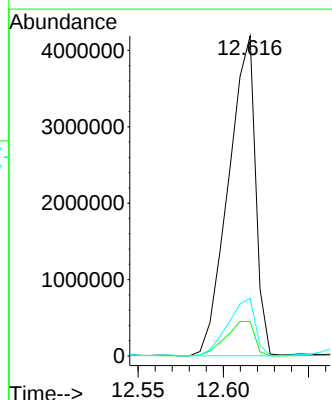
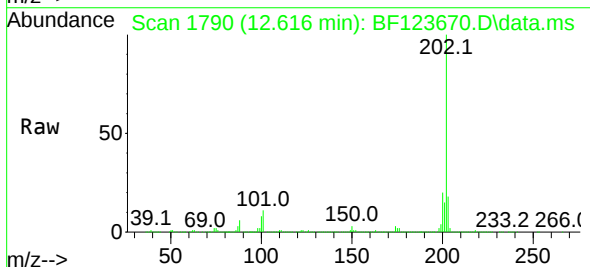
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6-S

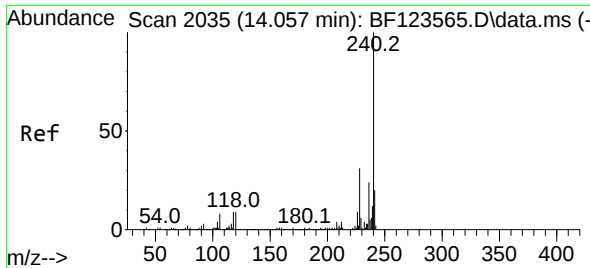
Tgt Ion:167 Resp: 569536  
 Ion Ratio Lower Upper  
 167 100  
 166 20.5 17.0 25.6  
 139 12.7 10.4 15.6



#75  
 Fluoranthene  
 Concen: 137.42 ng  
 RT: 12.616 min Scan# 1790  
 Delta R.T. 0.012 min  
 Lab File: BF123670.D  
 Acq: 21 Apr 2021 16:47

Tgt Ion:202 Resp: 4614323  
 Ion Ratio Lower Upper  
 202 100  
 101 10.8 0.0 30.9  
 203 18.0 0.0 37.5

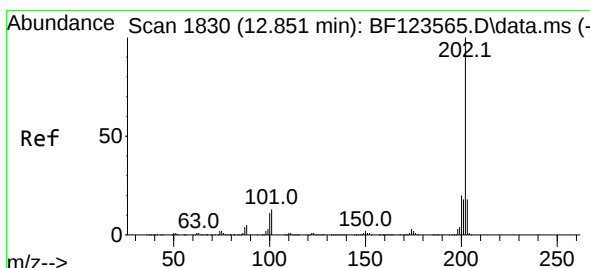
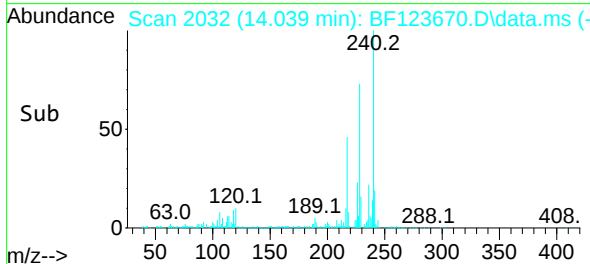
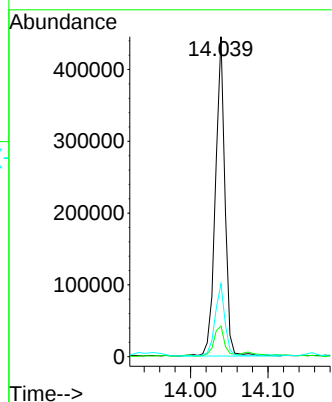
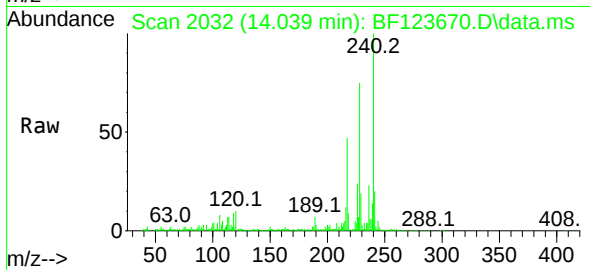




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

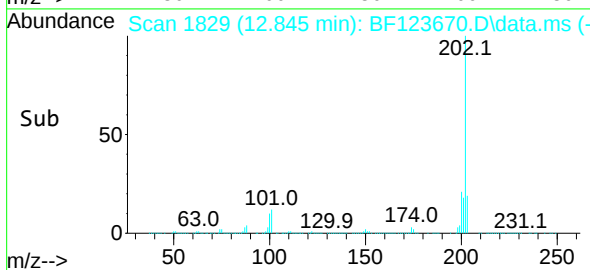
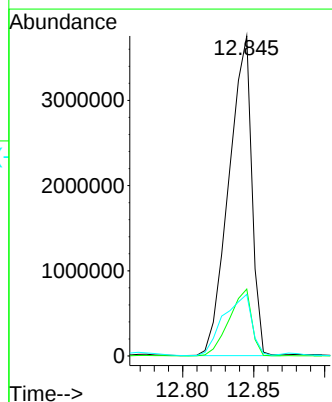
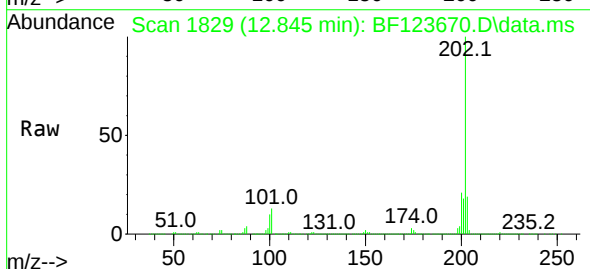
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

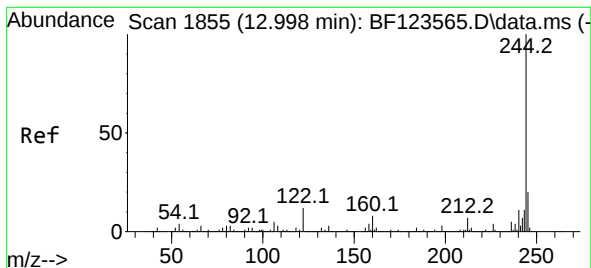
Tgt Ion:240 Resp: 381689  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.2 10.8  
236 22.8 19.0 28.4



#78  
Pyrene  
Concen: 150.92 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. 0.012 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

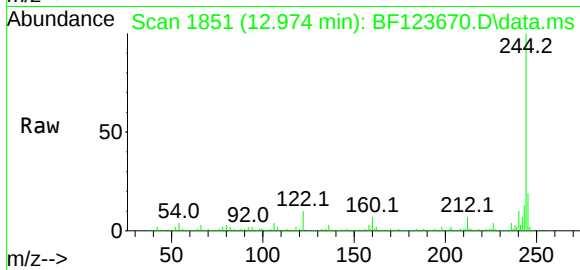
Tgt Ion:202 Resp: 4204096  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.1 24.1  
203 19.3 14.8 22.2





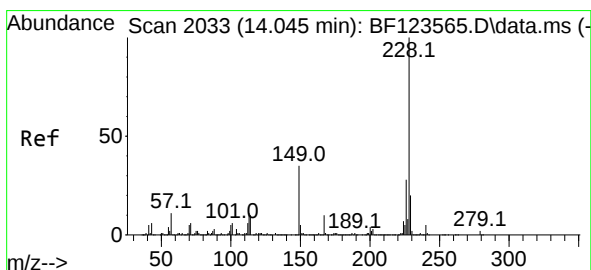
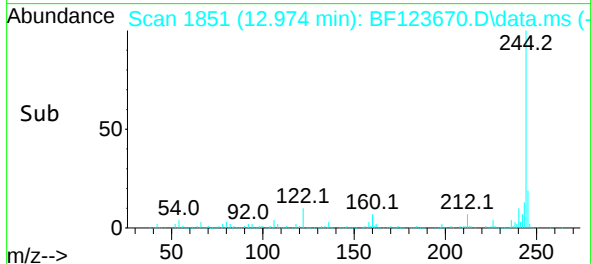
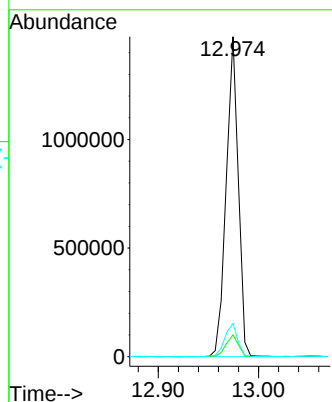
#79  
 Terphenyl-d14  
 Concen: 62.69 ng  
 RT: 12.974 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: BF123670.D  
 Acq: 21 Apr 2021 16:47

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-6-S



Tgt Ion:244 Resp: 1231198  

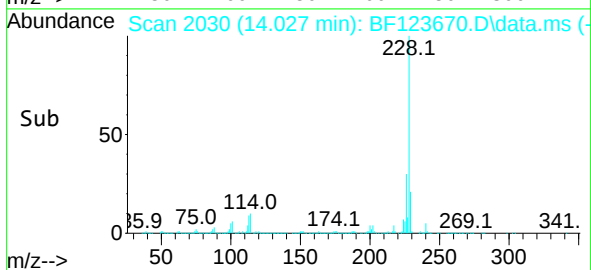
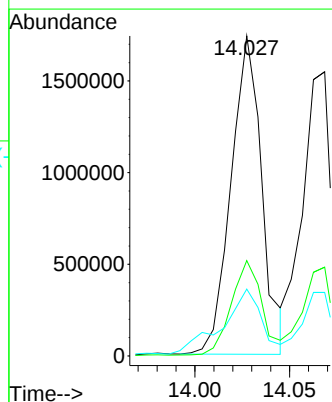
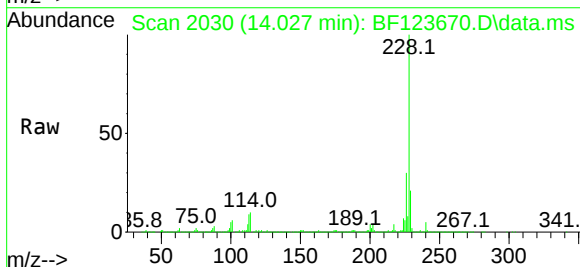
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.7   | 8.5   |
| 122 | 10.3  | 9.7   | 14.5  |

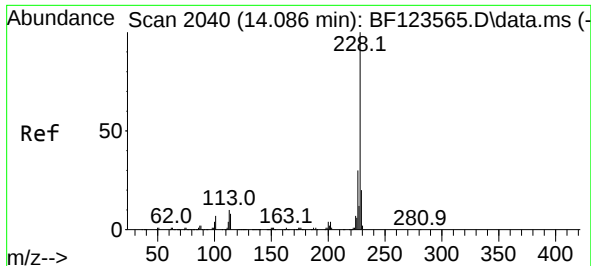


#81  
 Benzo(a)anthracene  
 Concen: 83.95 ng  
 RT: 14.027 min Scan# 2030  
 Delta R.T. 0.006 min  
 Lab File: BF123670.D  
 Acq: 21 Apr 2021 16:47

Tgt Ion:228 Resp: 1963565  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.8  | 22.4  | 33.6  |
| 229 | 20.9  | 16.0  | 24.0  |

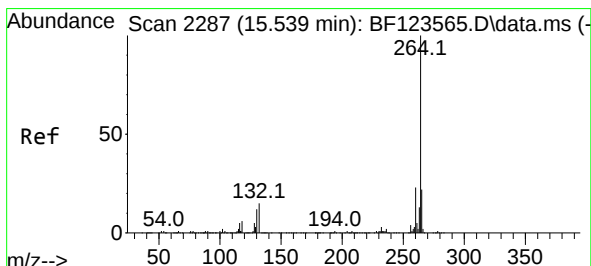
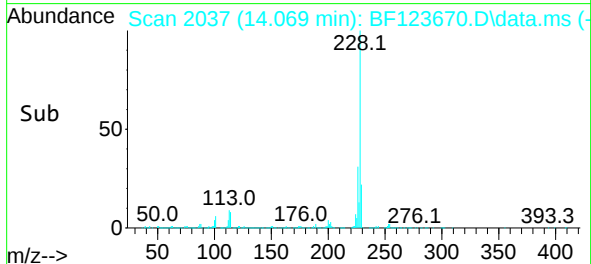
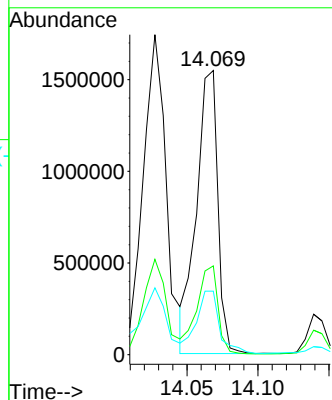
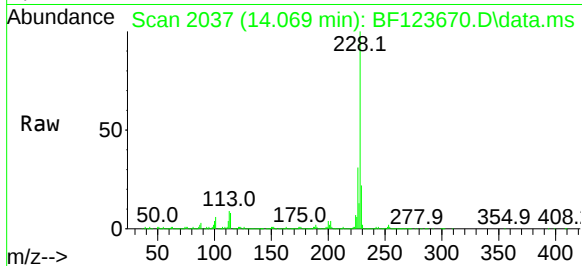




#83  
Chrysene  
Concen: 68.72 ng  
RT: 14.069 min Scan# 2037  
Delta R.T. 0.006 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

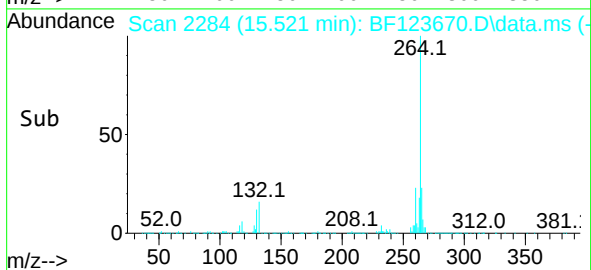
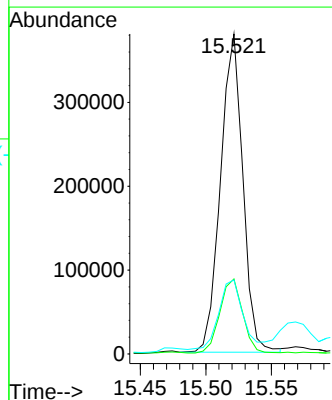
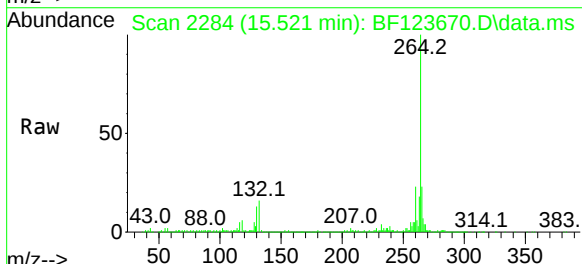
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

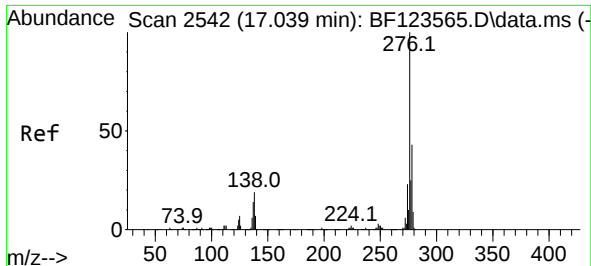
Tgt Ion:228 Resp: 1614058  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.3 36.5  
229 22.3 16.2 24.2



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. 0.018 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:264 Resp: 448610  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.7 28.1  
265 23.2 17.8 26.8

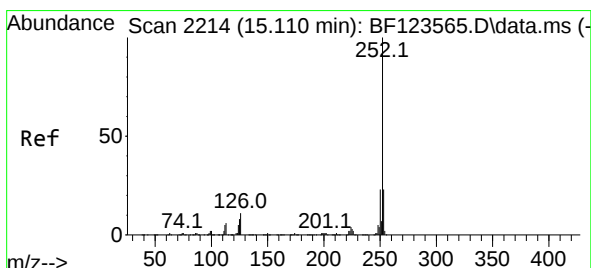
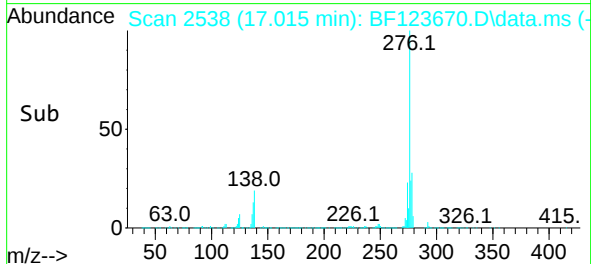
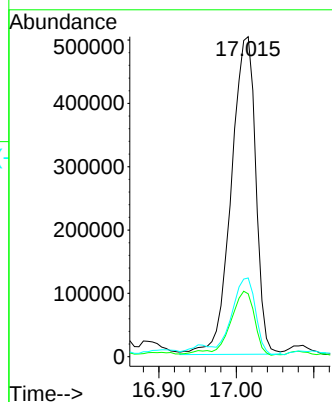
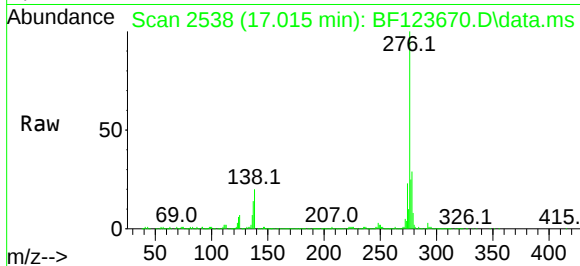




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.16 ng  
RT: 17.015 min Scan# 2538  
Delta R.T. 0.029 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

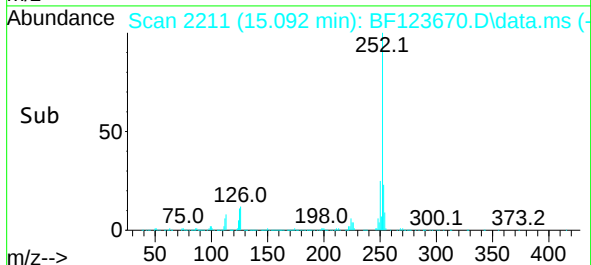
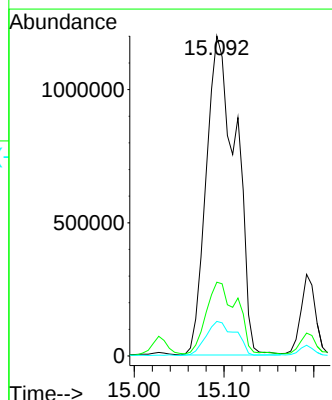
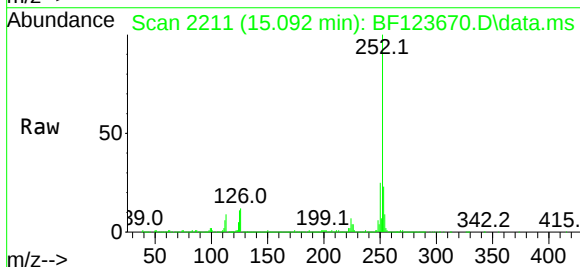
Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

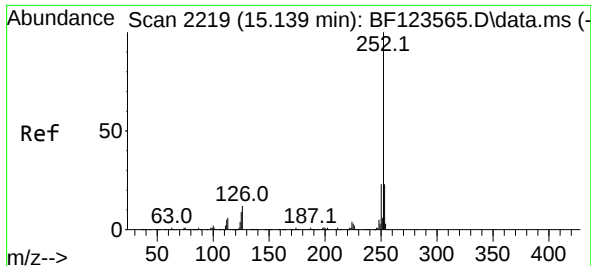
Tgt Ion:276 Resp: 1104791  
Ion Ratio Lower Upper  
276 100  
138 19.7 16.2 24.2  
277 22.6 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 87.35 ng  
RT: 15.092 min Scan# 2211  
Delta R.T. 0.018 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:252 Resp: 2766645  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.1 27.1  
125 10.8 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 99.44 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.018 min

Lab File: BF123670.D

Acq: 21 Apr 2021 16:47

Tgt Ion:252 Resp: 2766645

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

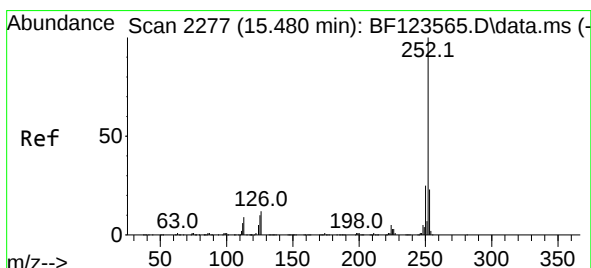
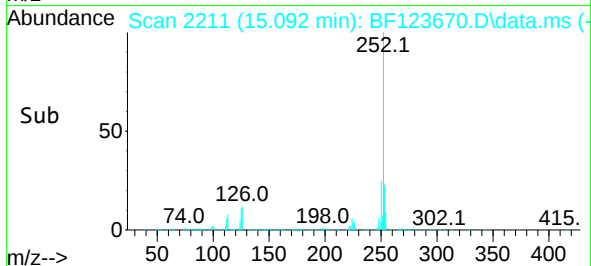
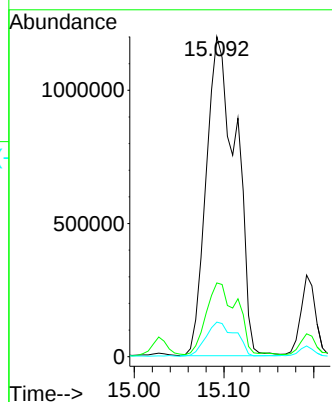
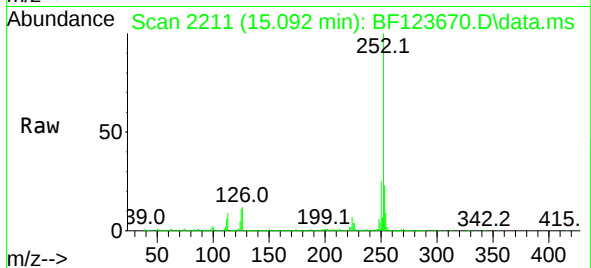
125 10.8 7.0 10.6#

Instrument :

BNA\_F

ClientSampleId :

TP-6-S



#90

Benzo(a)pyrene

Concen: 66.68 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF123670.D

Acq: 21 Apr 2021 16:47

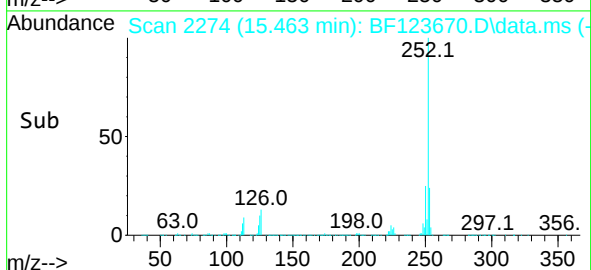
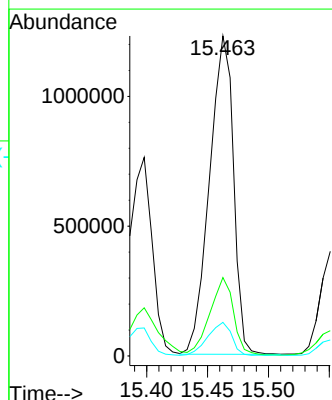
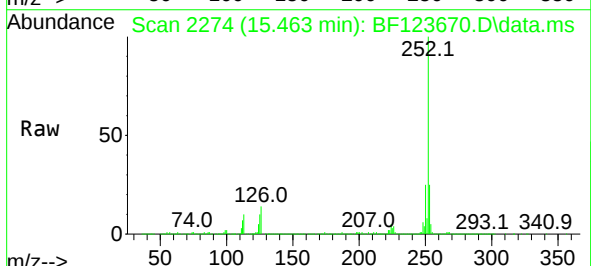
Tgt Ion:252 Resp: 1679826

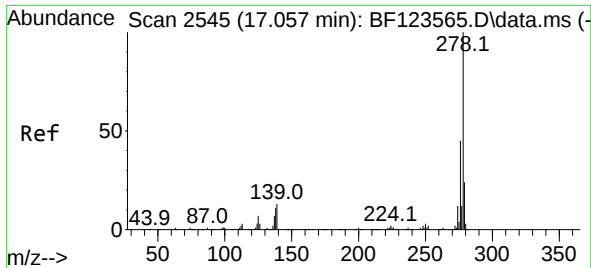
Ion Ratio Lower Upper

252 100

253 24.5 18.4 27.6

125 10.5 8.0 12.0

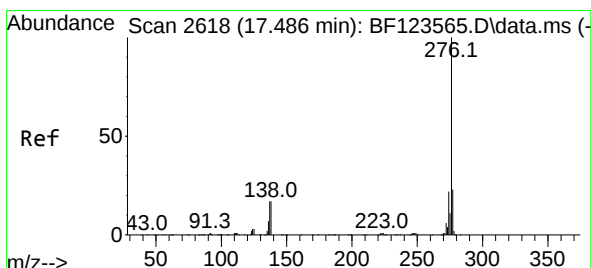
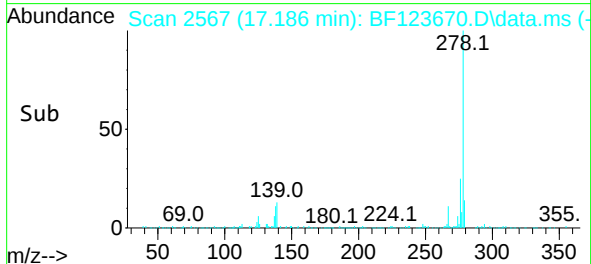
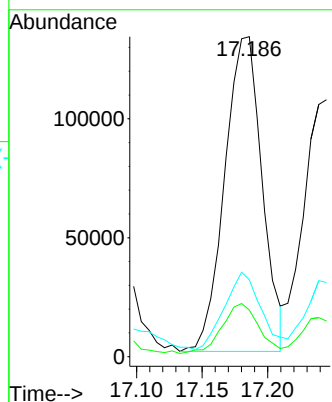
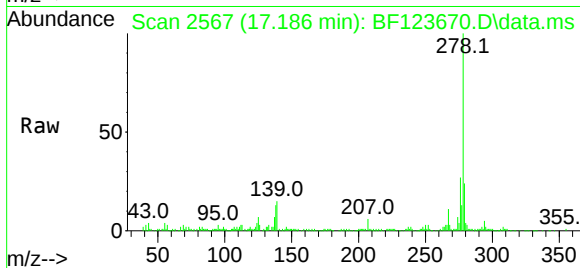




#91  
Dibenzo(a,h)anthracene  
Concen: 12.98 ng  
RT: 17.186 min Scan# 2567  
Delta R.T. 0.182 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

Tgt Ion:278 Resp: 262724  
Ion Ratio Lower Upper  
278 100  
139 14.5 10.2 15.2  
279 24.0 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 48.15 ng  
RT: 17.462 min Scan# 2614  
Delta R.T. 0.024 min  
Lab File: BF123670.D  
Acq: 21 Apr 2021 16:47

Tgt Ion:276 Resp: 955298  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.2 27.2  
138 19.7 13.8 20.6

