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 Data File : BF132598.D  
 Acq On : 01 Mar 2023 18:51  
 Operator : CG\JU  
 Sample : 01722-01 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

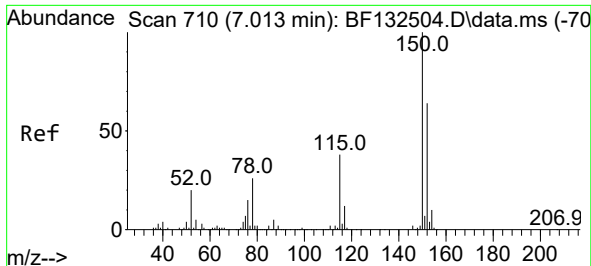
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022723

Quant Time: Mar 02 03:19:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.004  | 152  | 191669   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.287  | 136  | 623083   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.051 | 164  | 272508   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.545 | 188  | 508406   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.204 | 240  | 438220   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.757 | 264  | 354088   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.622  | 112  | 391335   | 33.137 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.622  | 99   | 469744   | 30.478 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.557  | 82   | 272060   | 20.716 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.839 | 330  | 82140    | 27.911 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.363  | 172  | 431431   | 24.107 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.133 | 244  | 519928   | 20.060 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.557  | 70   | 34632    | 3.651  | ng    | # 79     |
| 25) Isophorone                | 7.557  | 82   | 271754   | 10.793 | ng    | # 67     |
| 31) Naphthalene               | 8.310  | 128  | 354137   | 11.102 | ng    | 98       |
| 32) Benzoic acid              | 8.069  | 122  | 676      | 3.917  | ng    | # 50     |
| 33) 4-Chloroaniline           | 8.310  | 127  | 45938    | 3.361  | ng    | # 29     |
| 37) 2-Methylnaphthalene       | 8.998  | 142  | 178159   | 8.196  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.098  | 142  | 126529   | 6.228  | ng    | 99       |
| 49) Acenaphthylene            | 9.910  | 152  | 73359    | 2.819  | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 10.045 | 165  | 41342    | 9.149  | ng    | # 23     |
| 52) Acenaphthene              | 10.081 | 154  | 53514    | 3.238  | ng    | 95       |
| 55) Dibenzofuran              | 10.251 | 168  | 80271    | 3.332  | ng    | # 93     |
| 58) Fluorene                  | 10.598 | 166  | 141412   | 7.674  | ng    | 97       |
| 63) Azobenzene                | 10.757 | 77   | 44172    | 2.152  | ng    | # 1      |
| 71) Phenanthrene              | 11.569 | 178  | 811838   | 30.824 | ng    | 98       |
| 72) Anthracene                | 11.622 | 178  | 211069   | 7.782  | ng    | 99       |
| 73) Carbazole                 | 11.775 | 167  | 68576    | 2.804  | ng    | 100      |
| 75) Fluoranthene              | 12.769 | 202  | 880201   | 30.570 | ng    | 99       |
| 78) Pyrene                    | 12.998 | 202  | 939137   | 23.572 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.192 | 228  | 517019   | 15.768 | ng    | 95       |
| 83) Chrysene                  | 14.227 | 228  | 448416   | 14.625 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.357 | 276  | 155724   | 6.712  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.292 | 252  | 599875   | 25.280 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.292 | 252  | 599875   | 25.830 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.686 | 252  | 308653   | 13.898 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 17.362 | 278  | 41190    | 2.179  | ng    | # 85     |
| 92) Benzo(g,h,i)perylene      | 17.845 | 276  | 152569   | 8.516  | ng    | 96       |
| -----                         |        |      |          |        |       |          |

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

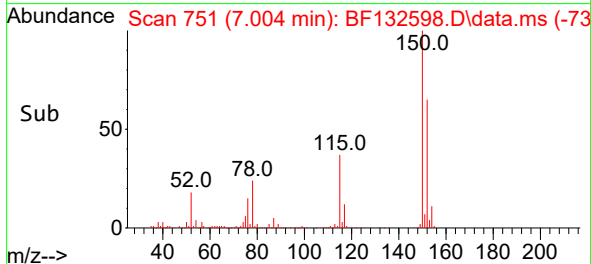
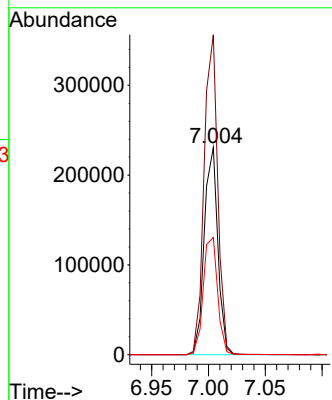
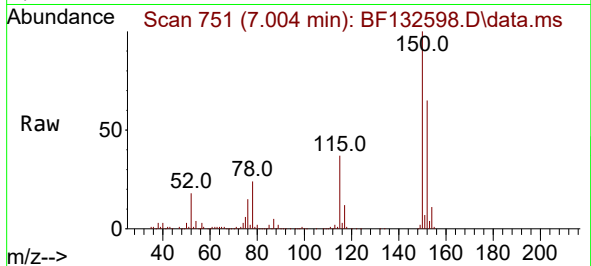




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.004 min Scan# 710  
Delta R.T. -0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

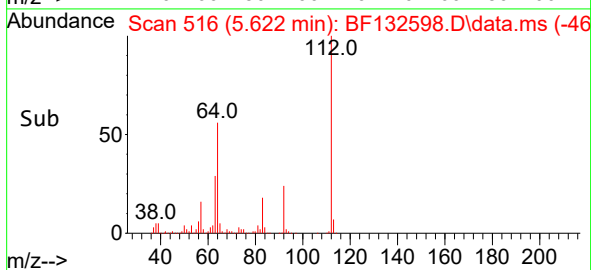
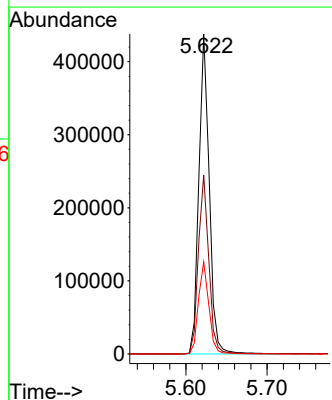
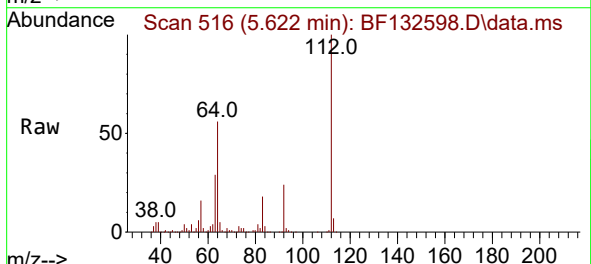
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

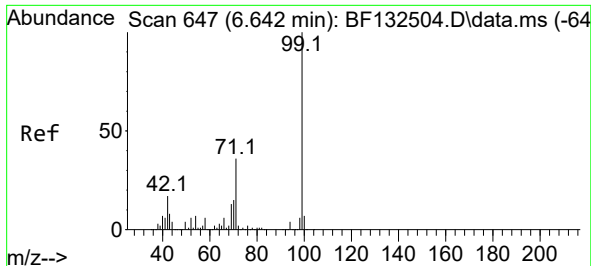
Tgt Ion:152 Resp: 191669  
Ion Ratio Lower Upper  
152 100  
150 154.4 125.4 188.2  
115 56.6 47.8 71.6



#5  
2-Fluorophenol  
Concen: 33.137 ng  
RT: 5.622 min Scan# 516  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:112 Resp: 391335  
Ion Ratio Lower Upper  
112 100  
64 55.9 51.6 77.4  
63 28.8 27.4 41.2

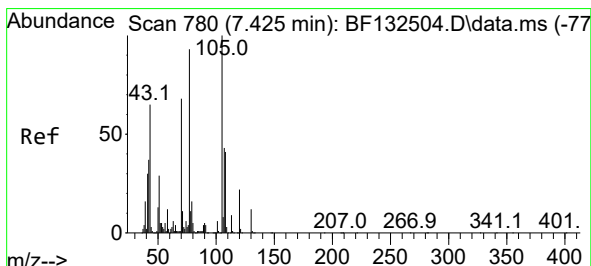
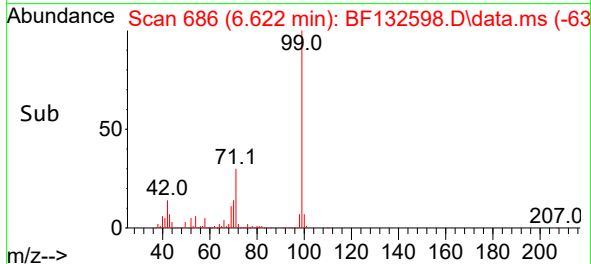
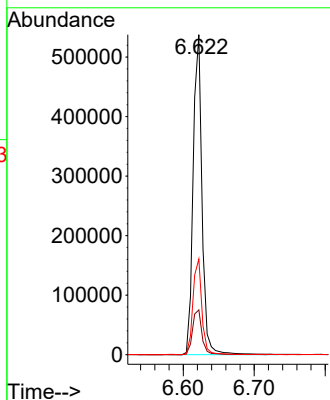
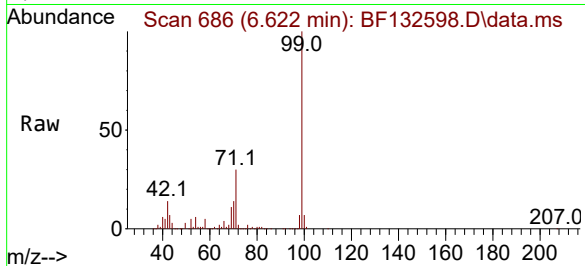




#7  
Phenol-d6  
Concen: 30.478 ng  
RT: 6.622 min Scan# 61  
Delta R.T. -0.015 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

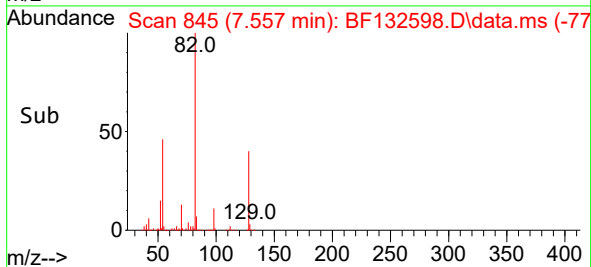
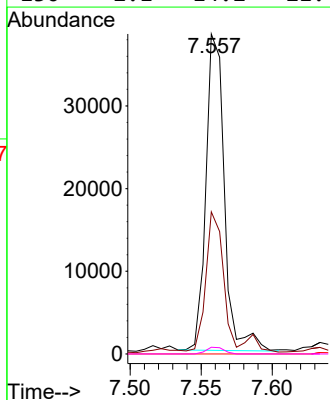
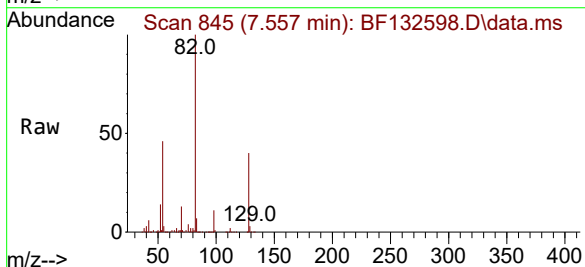
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ClientSampleId :  
HD-01-022723

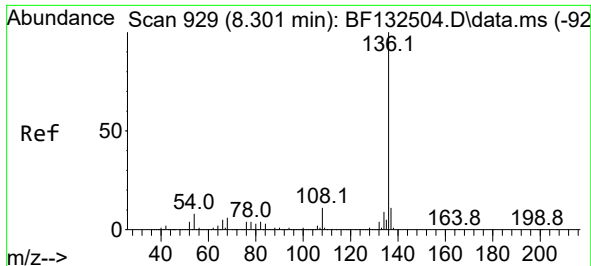
Tgt Ion: 99 Resp: 469744  
Ion Ratio Lower Upper  
99 100  
42 14.0 13.9 20.9  
71 29.9 28.5 42.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 3.651 ng  
RT: 7.557 min Scan# 845  
Delta R.T. 0.138 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion: 70 Resp: 34632  
Ion Ratio Lower Upper  
70 100  
42 44.4 44.1 66.1  
101 0.0 7.4 11.2#  
130 2.1 14.2 21.4#

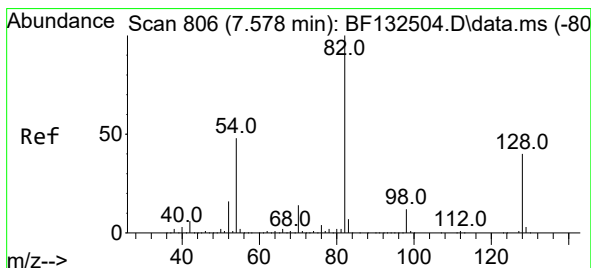
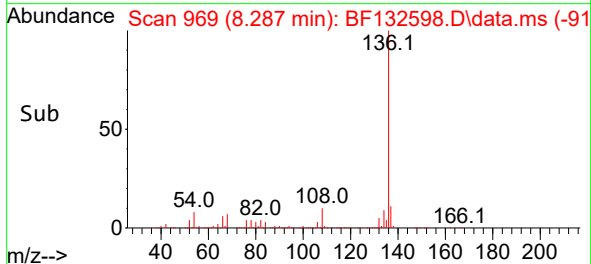
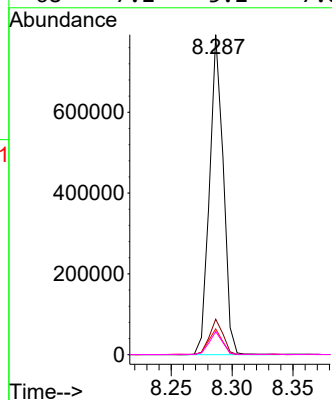
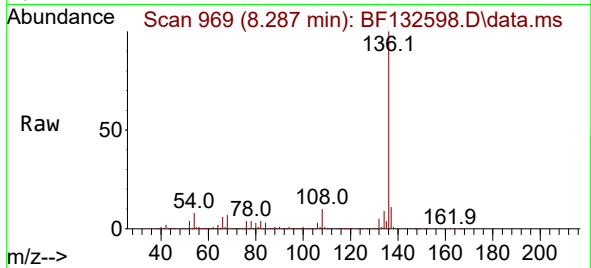




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.287 min Scan# 910  
Delta R.T. -0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

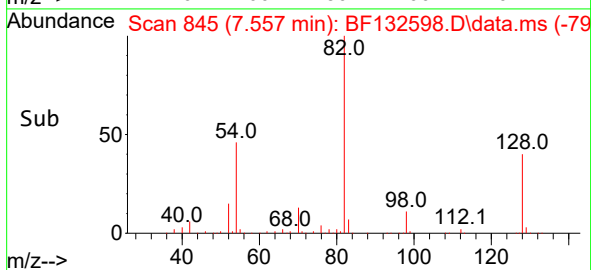
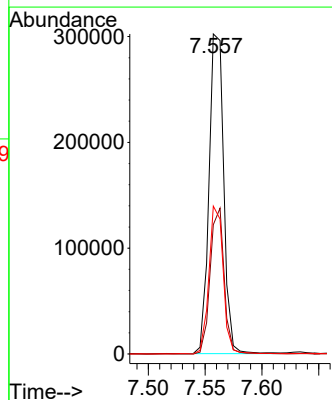
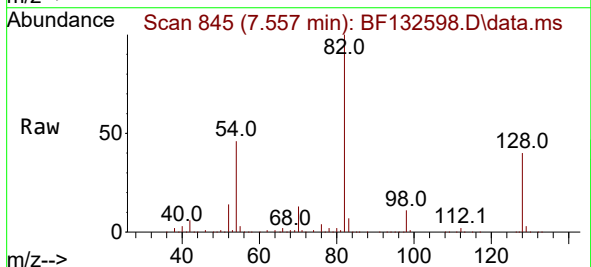
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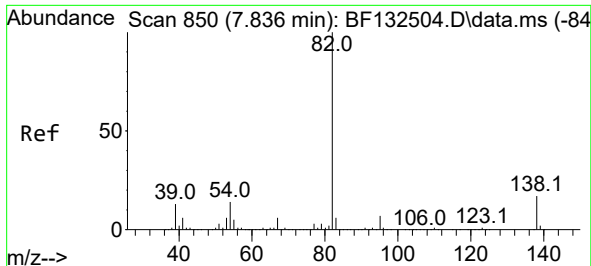
Tgt Ion:136 Resp: 623083  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 8.0 6.2 9.4  
68 7.2 5.2 7.8



#23  
Nitrobenzene-d5  
Concen: 20.716 ng  
RT: 7.557 min Scan# 845  
Delta R.T. -0.015 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion: 82 Resp: 272060  
Ion Ratio Lower Upper  
82 100  
128 40.4 32.2 48.2  
54 46.2 38.4 57.6

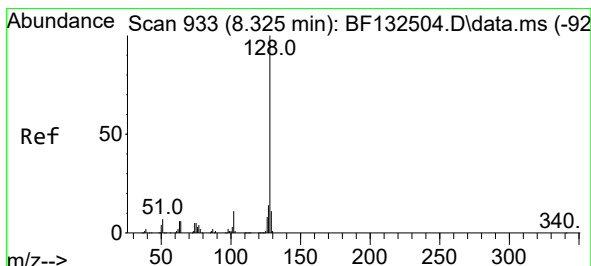
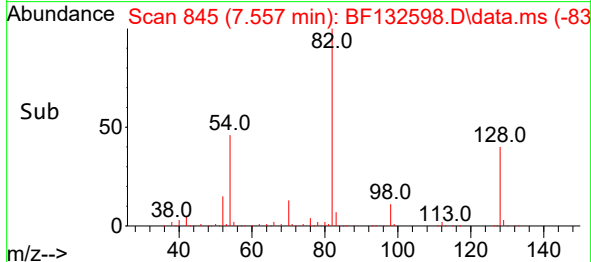
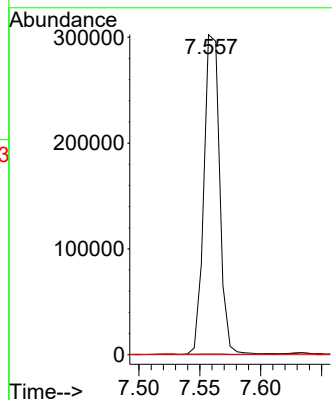
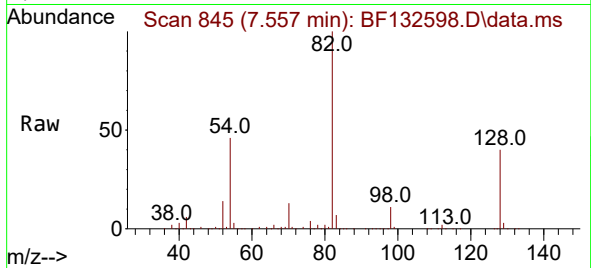




#25  
Isophorone  
Concen: 10.793 ng  
RT: 7.557 min Scan# 84  
Delta R.T. -0.268 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

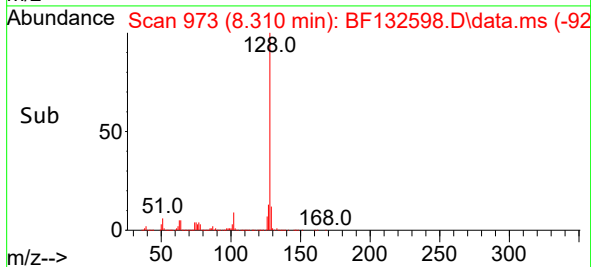
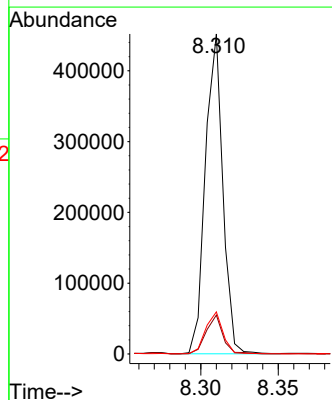
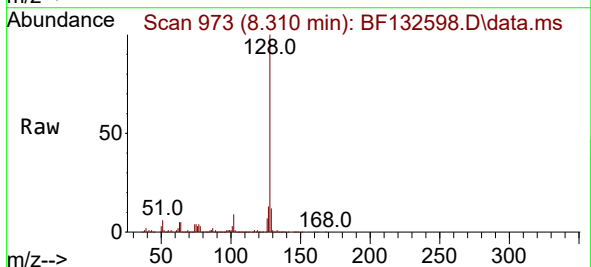
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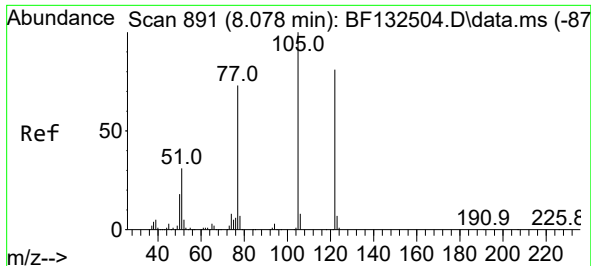
Tgt Ion: 82 Resp: 271754  
Ion Ratio Lower Upper  
82 100  
95 0.2 5.7 8.5#  
138 0.0 13.3 19.9#



#31  
Naphthalene  
Concen: 11.102 ng  
RT: 8.310 min Scan# 973  
Delta R.T. -0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:128 Resp: 354137  
Ion Ratio Lower Upper  
128 100  
129 12.1 9.1 13.7  
127 13.1 11.0 16.6

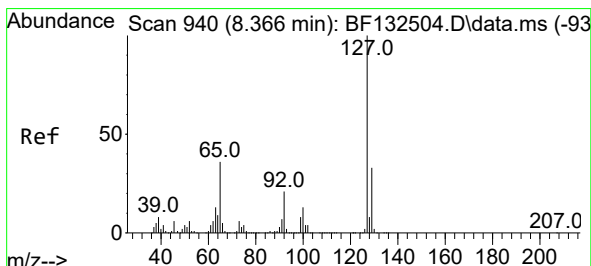
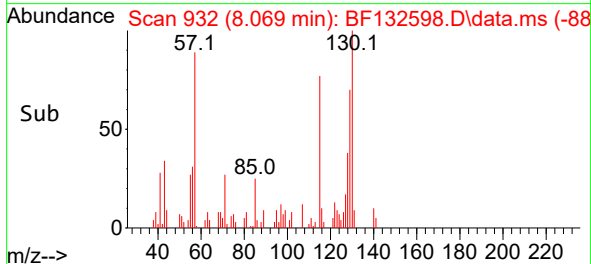
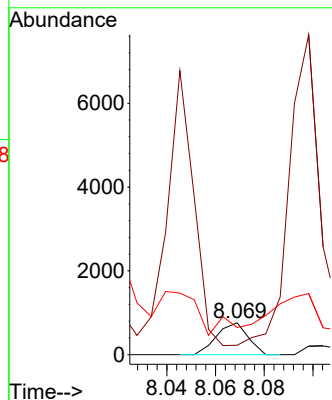
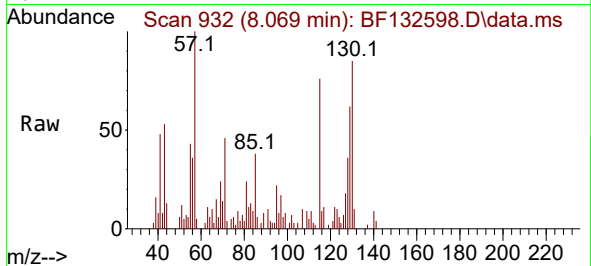




#32  
Benzoic acid  
Concen: 3.917 ng  
RT: 8.069 min Scan# 912  
Delta R.T. 0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

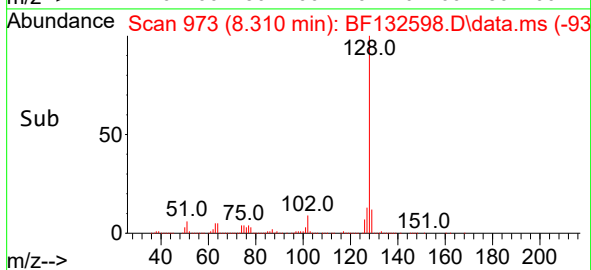
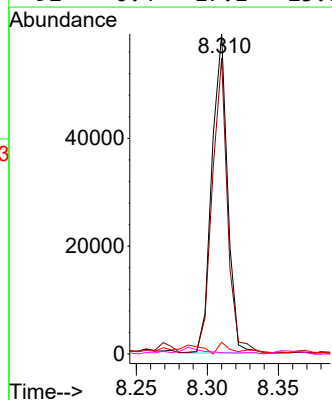
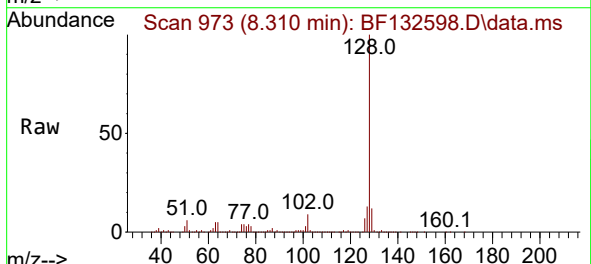
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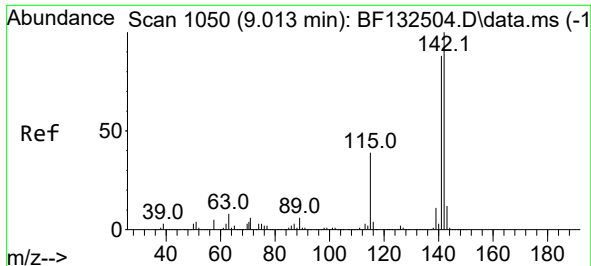
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Ion Ratio Lower Upper  
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105 29.7 102.6 142.6#  
77 85.3 70.2 110.2



#33  
4-Chloroaniline  
Concen: 3.361 ng  
RT: 8.310 min Scan# 973  
Delta R.T. -0.050 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:127 Resp: 45938  
Ion Ratio Lower Upper  
127 100  
129 92.5 26.4 39.6#  
65 3.7 28.8 43.2#  
92 0.4 17.1 25.7#

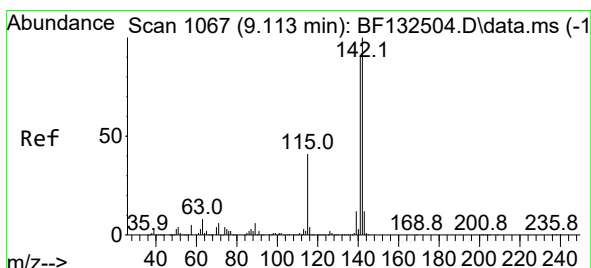
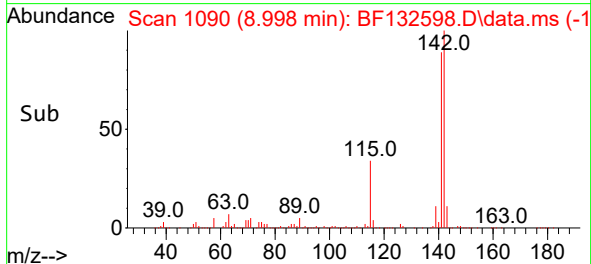
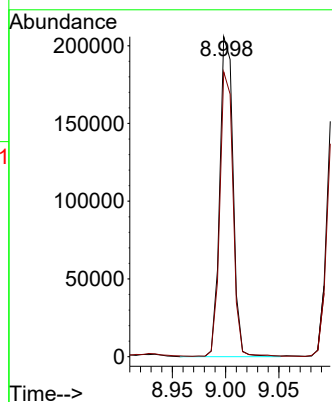
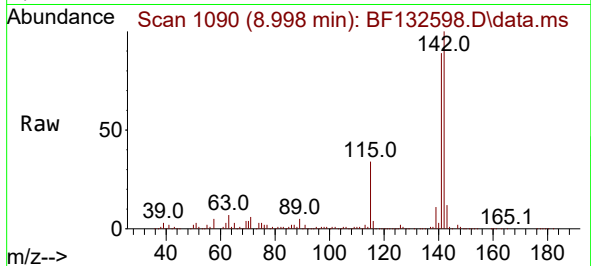




#37  
2-Methylnaphthalene  
Concen: 8.196 ng  
RT: 8.998 min Scan# 1107  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

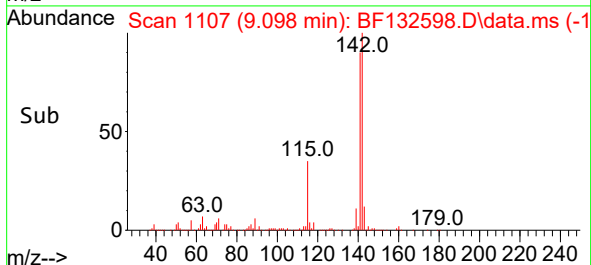
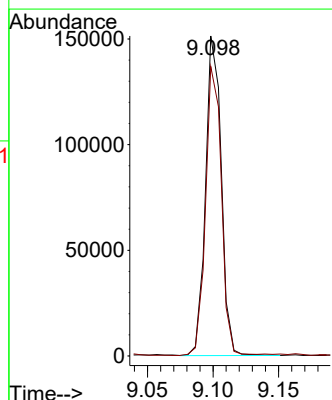
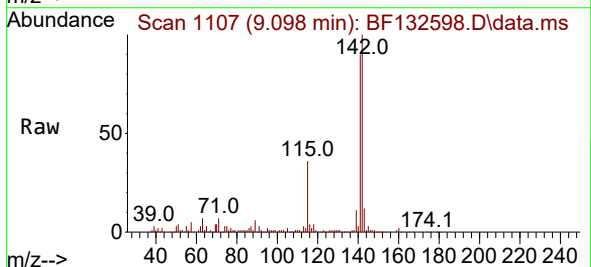
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ClientSampleId :  
HD-01-022723

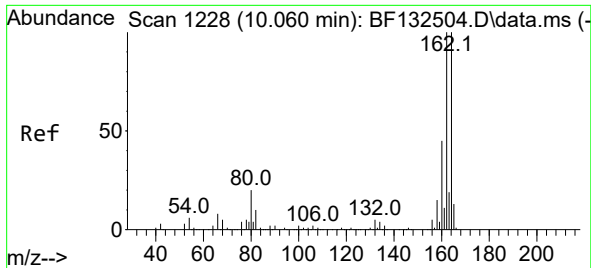
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Ion Ratio Lower Upper  
142 100  
141 89.0 70.2 105.2



#38  
1-Methylnaphthalene  
Concen: 6.228 ng  
RT: 9.098 min Scan# 1107  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:142 Resp: 126529  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.0 109.6

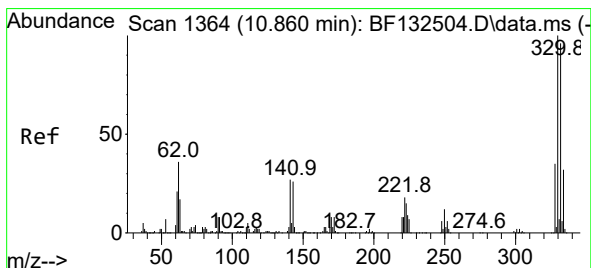
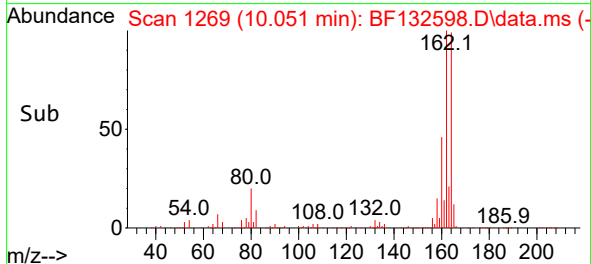
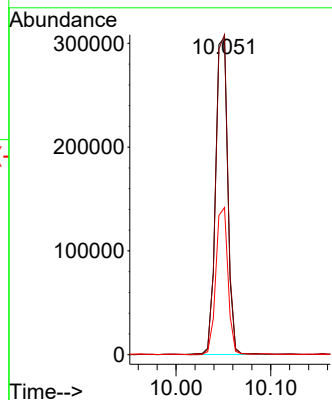
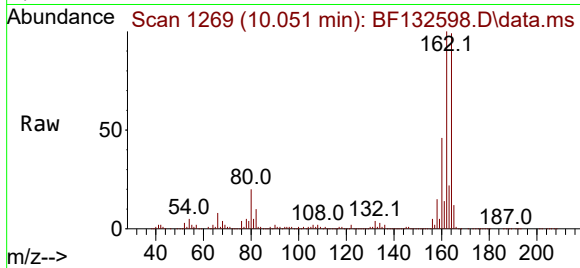




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.051 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

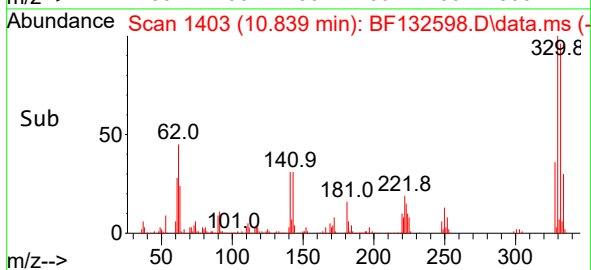
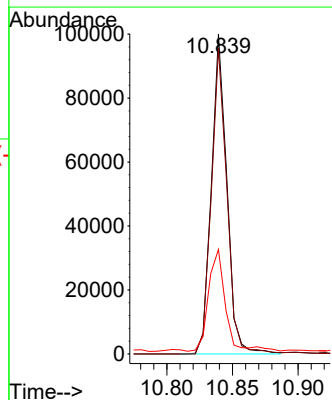
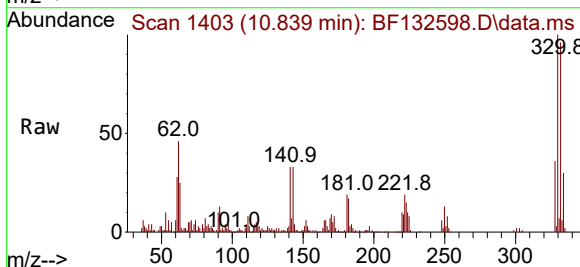
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

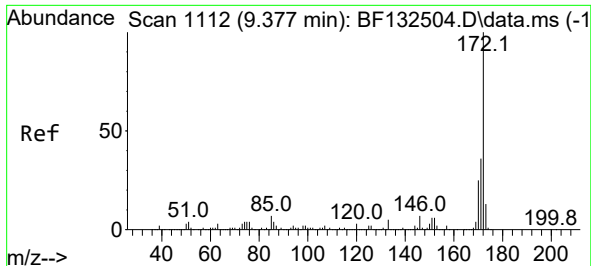
Tgt Ion:164 Resp: 272508  
Ion Ratio Lower Upper  
164 100  
162 100.9 79.8 119.8  
160 46.4 35.8 53.6



#42  
2,4,6-Tribromophenol  
Concen: 27.911 ng  
RT: 10.839 min Scan# 1403  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:330 Resp: 82140  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.2 114.4  
141 34.6 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 24.107 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132598.D

Acq: 01 Mar 2023 18:51

Instrument :

BNA\_F

ClientSampleId :

HD-01-022723

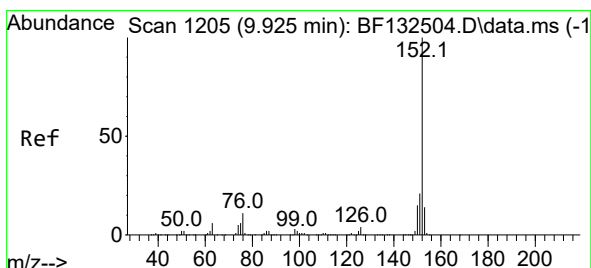
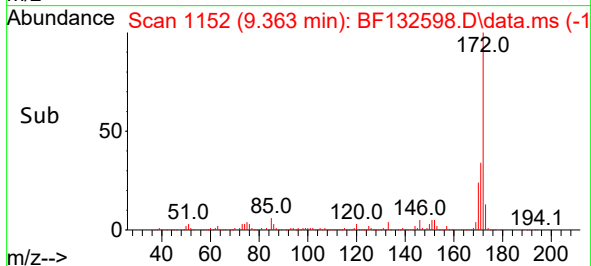
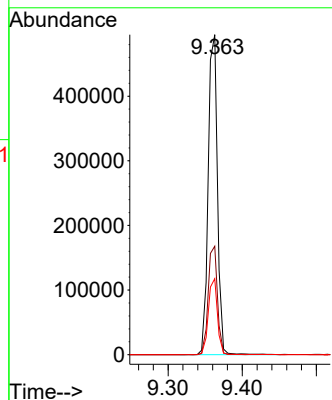
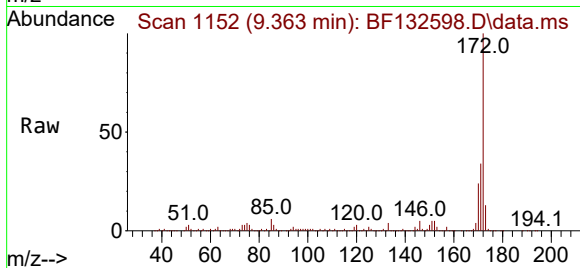
Tgt Ion:172 Resp: 431431

Ion Ratio Lower Upper

172 100

171 33.9 28.8 43.2

170 23.8 19.7 29.5



#49

Acenaphthylene

Concen: 2.819 ng

RT: 9.910 min Scan# 1245

Delta R.T. -0.009 min

Lab File: BF132598.D

Acq: 01 Mar 2023 18:51

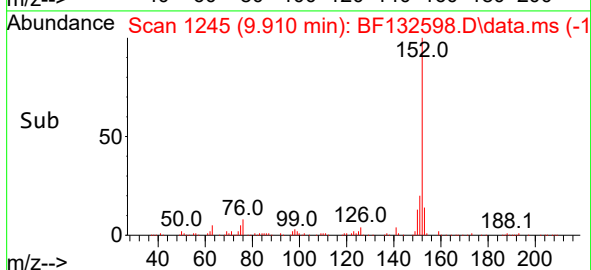
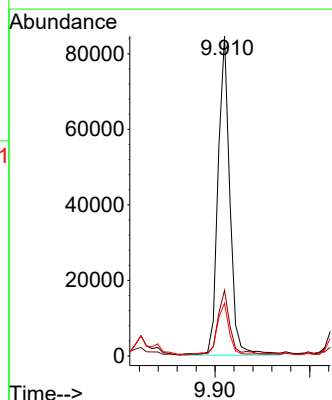
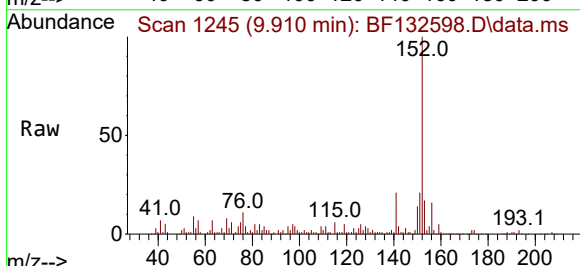
Tgt Ion:152 Resp: 73359

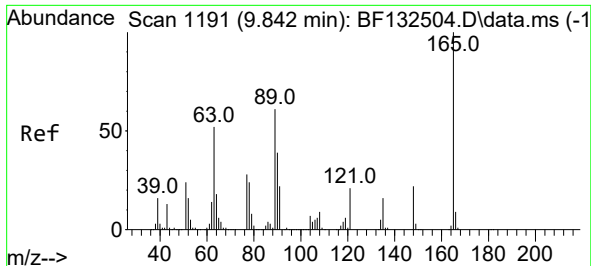
Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 16.5 11.0 16.6

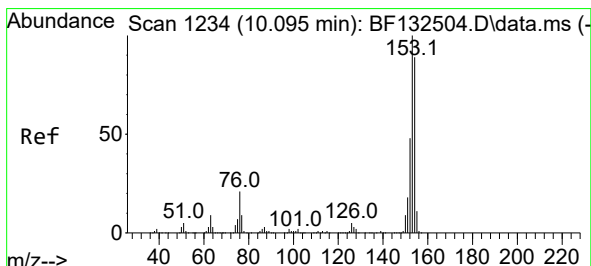
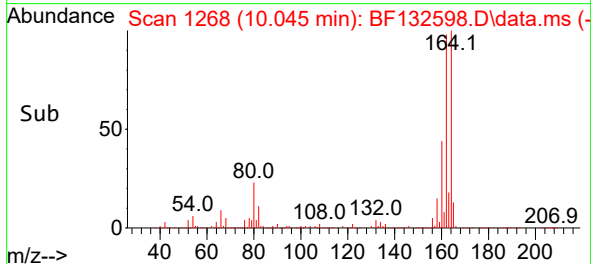
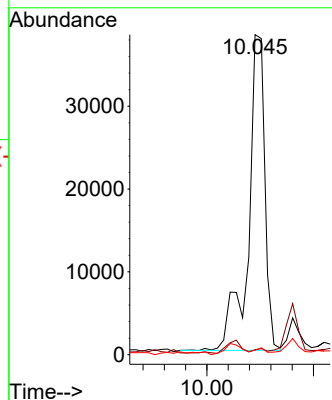
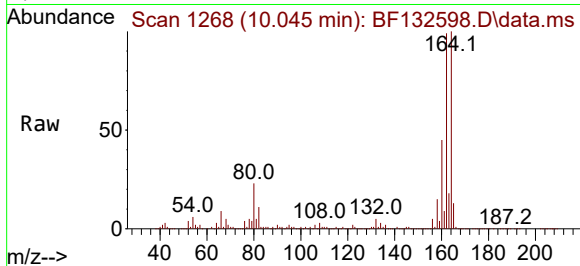




#51  
2,6-Dinitrotoluene  
Concen: 9.149 ng  
RT: 10.045 min Scan# 1191  
Delta R.T. 0.209 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

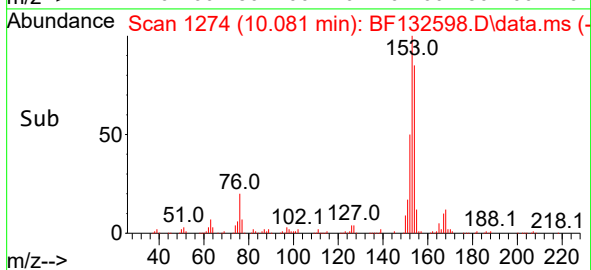
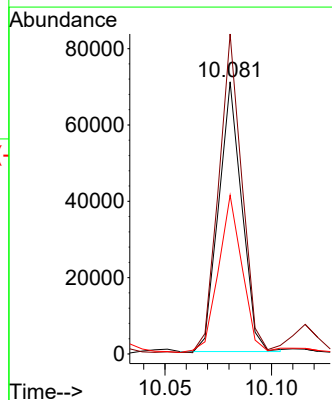
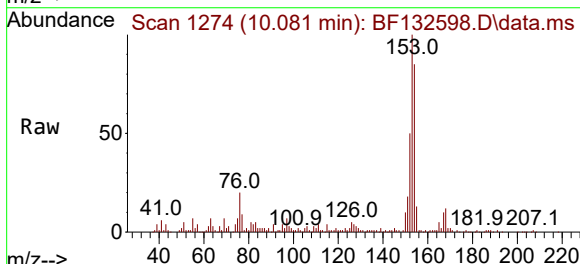
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

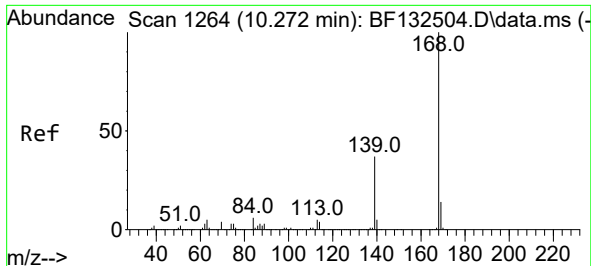
Tgt Ion:165 Resp: 41342  
Ion Ratio Lower Upper  
165 100  
63 1.6 47.3 70.9#  
89 1.4 48.9 73.3#



#52  
Acenaphthene  
Concen: 3.238 ng  
RT: 10.081 min Scan# 1274  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:154 Resp: 53514  
Ion Ratio Lower Upper  
154 100  
153 117.5 89.8 134.8  
152 58.3 43.3 64.9

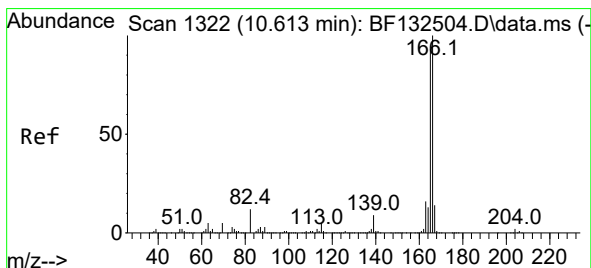
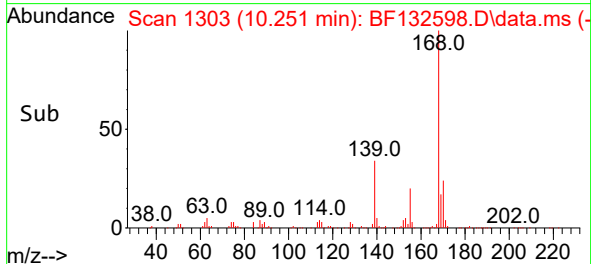
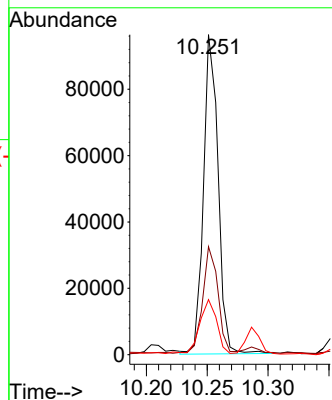
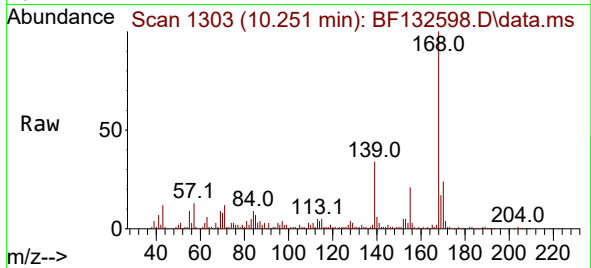




#55  
Dibenzenofuran  
Concen: 3.332 ng  
RT: 10.251 min Scan# 1303  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

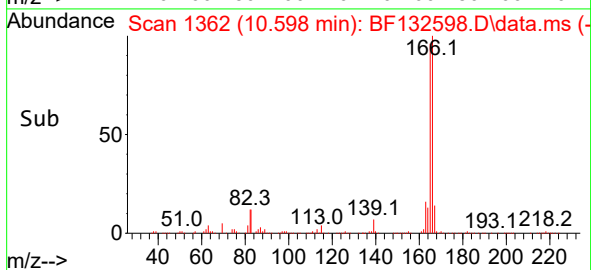
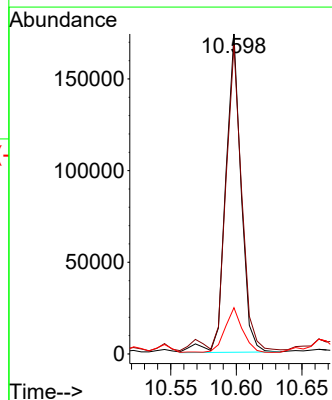
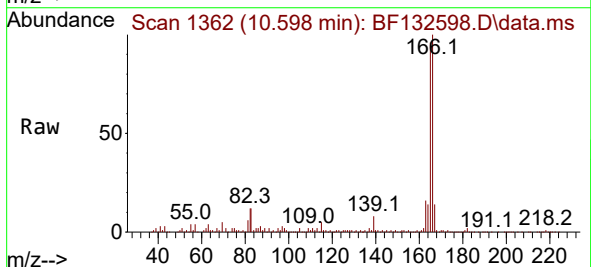
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

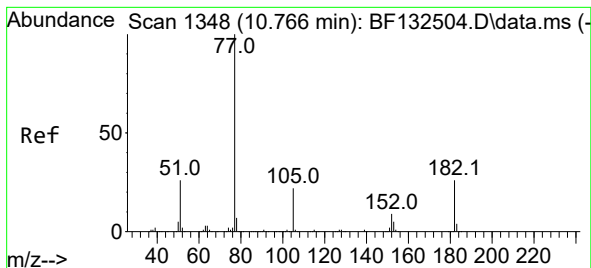
Tgt Ion:168 Resp: 80271  
Ion Ratio Lower Upper  
168 100  
139 33.8 29.8 44.6  
169 17.2 10.9 16.3#



#58  
Fluorene  
Concen: 7.674 ng  
RT: 10.598 min Scan# 1362  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:166 Resp: 141412  
Ion Ratio Lower Upper  
166 100  
165 96.4 74.2 111.4  
167 14.4 11.1 16.7





#63

Azobenzene

Concen: 2.152 ng

RT: 10.757 min Scan# 1

Delta R.T. 0.003 min

Lab File: BF132598.D

Acq: 01 Mar 2023 18:51

Instrument :

BNA\_F

ClientSampleId :

HD-01-022723

Tgt Ion: 77 Resp: 44172

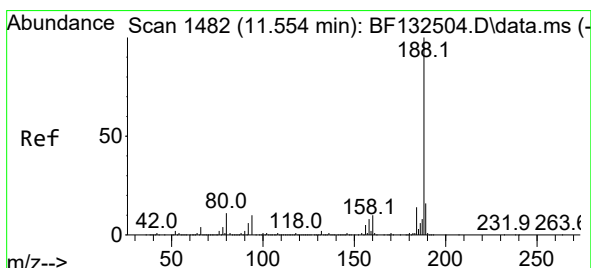
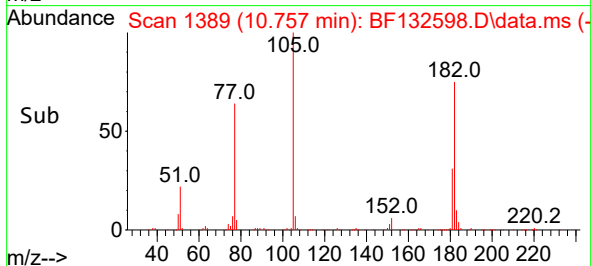
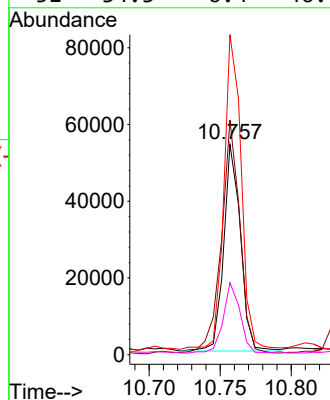
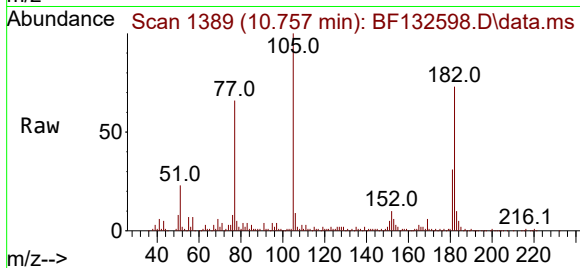
Ion Ratio Lower Upper

77 100

182 111.5 5.5 45.5#

105 152.2 1.8 41.8#

51 34.3 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1523

Delta R.T. -0.003 min

Lab File: BF132598.D

Acq: 01 Mar 2023 18:51

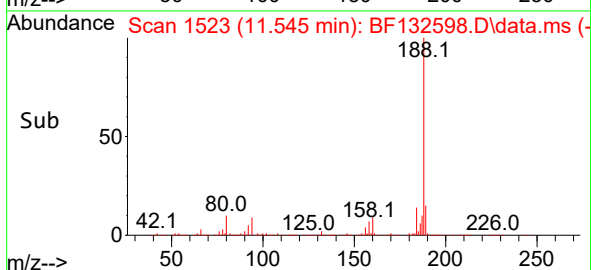
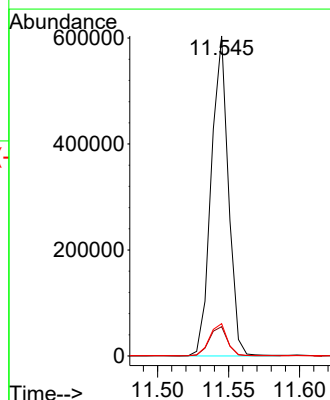
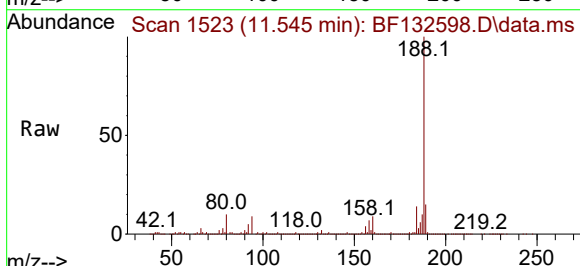
Tgt Ion: 188 Resp: 508406

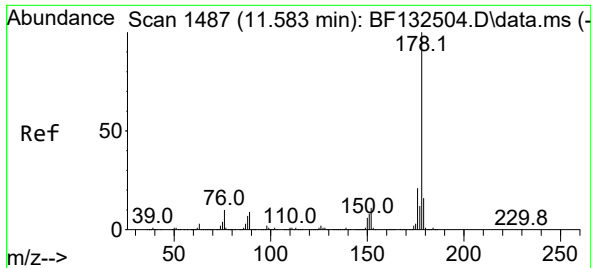
Ion Ratio Lower Upper

188 100

94 9.1 8.3 12.5

80 10.1 8.7 13.1

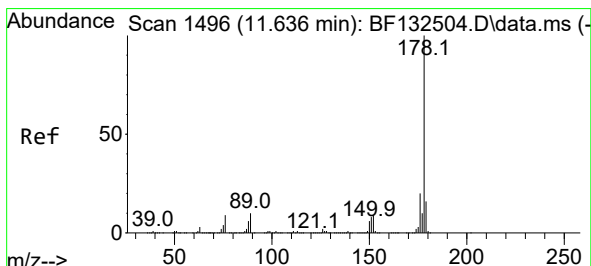
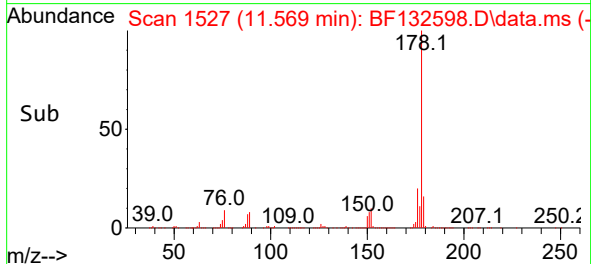
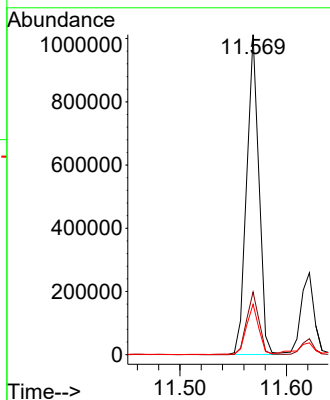
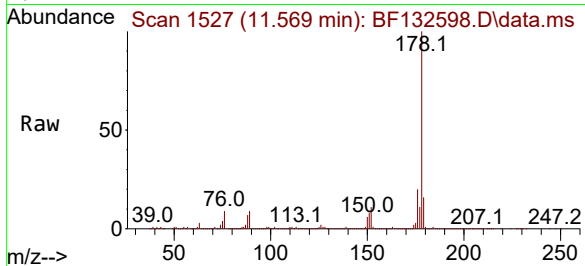




#71  
Phenanthrene  
Concen: 30.824 ng  
RT: 11.569 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

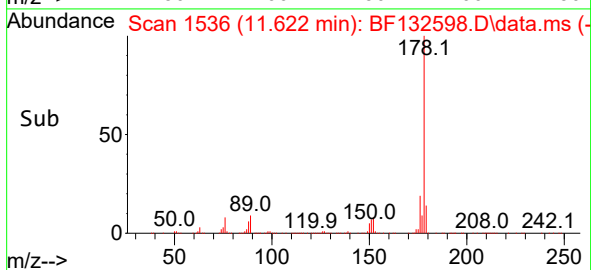
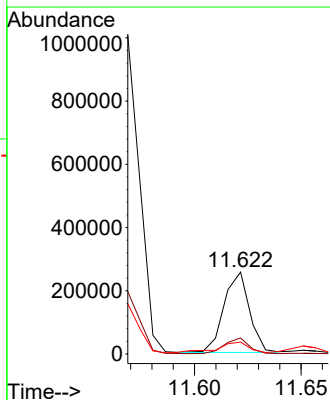
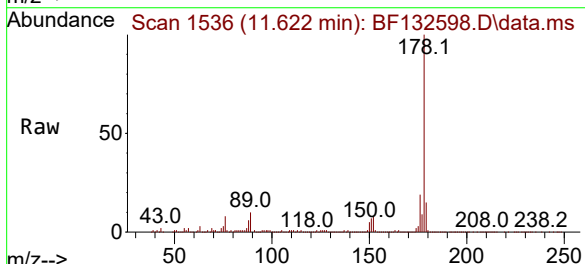
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

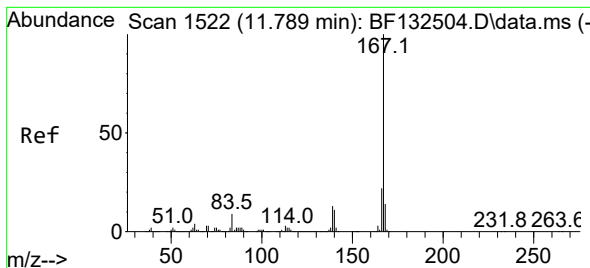
Tgt Ion:178 Resp: 811838  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.5 24.7  
179 15.8 13.0 19.6



#72  
Anthracene  
Concen: 7.782 ng  
RT: 11.622 min Scan# 1536  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:178 Resp: 211069  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 14.6 12.5 18.7





#73

Carbazole

Concen: 2.804 ng

RT: 11.775 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132598.D

Acq: 01 Mar 2023 18:51

Instrument :

BNA\_F

ClientSampleId :

HD-01-022723

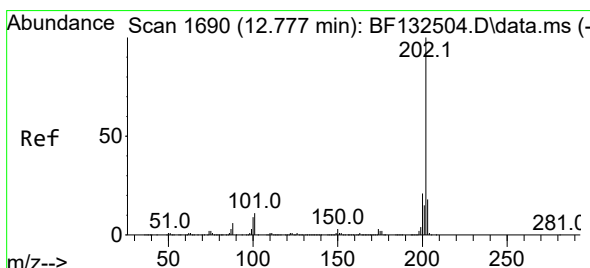
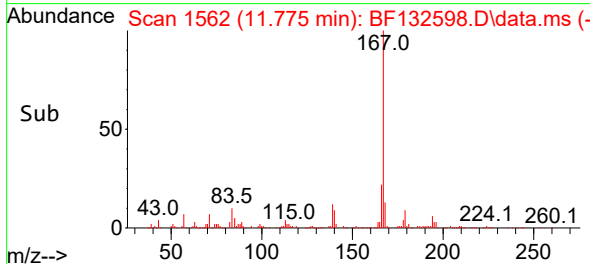
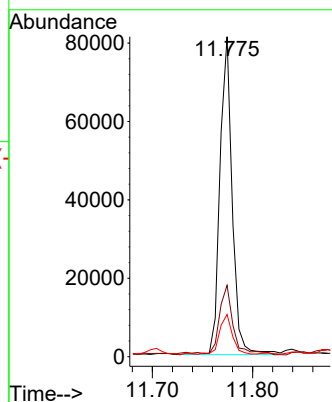
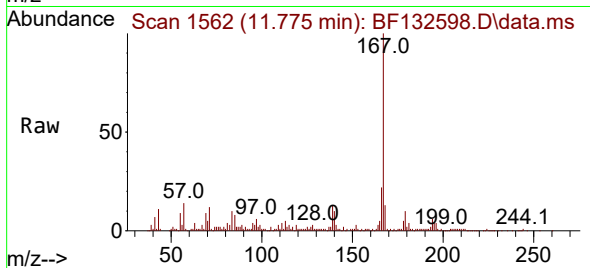
Tgt Ion:167 Resp: 68576

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 13.2 10.5 15.7



#75

Fluoranthene

Concen: 30.570 ng

RT: 12.769 min Scan# 1731

Delta R.T. -0.003 min

Lab File: BF132598.D

Acq: 01 Mar 2023 18:51

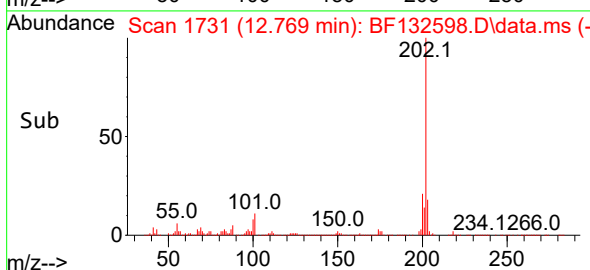
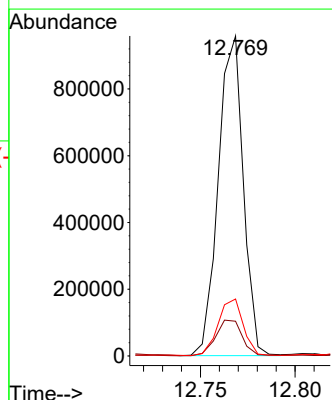
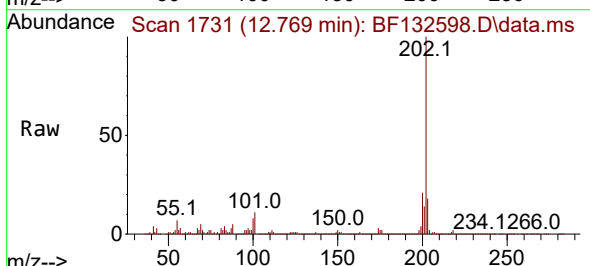
Tgt Ion:202 Resp: 880201

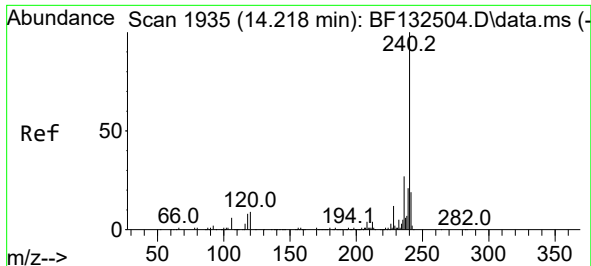
Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

203 17.8 0.0 38.0

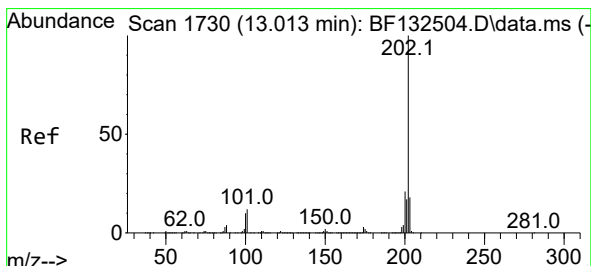
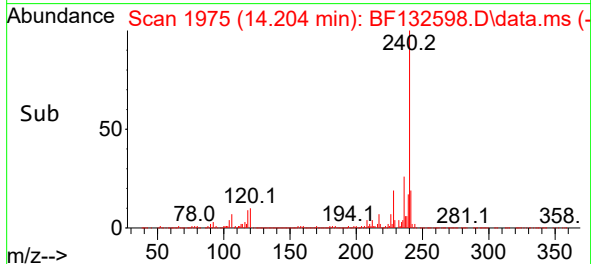
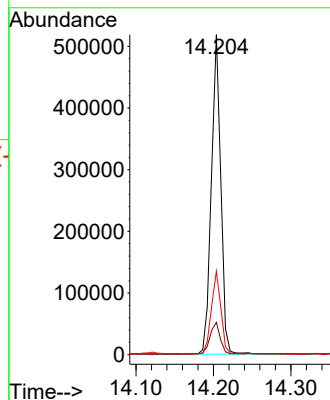
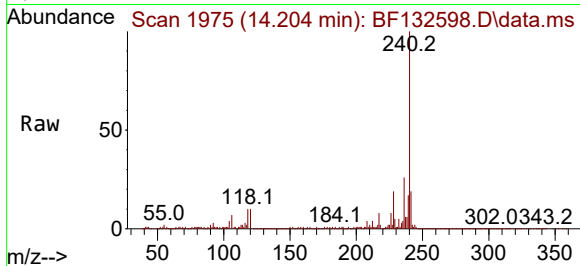




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.204 min Scan# 1935  
Delta R.T. -0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

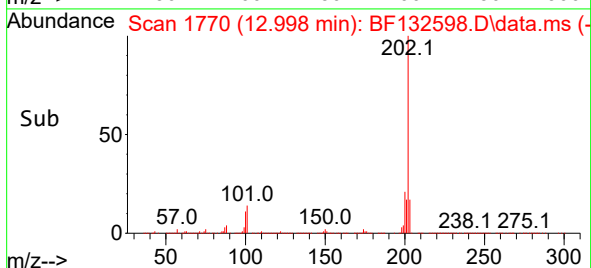
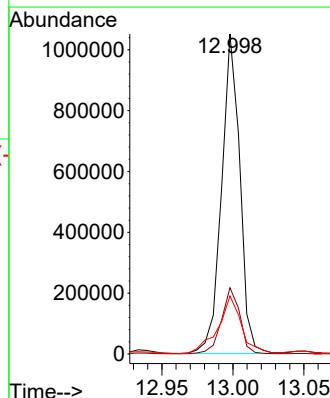
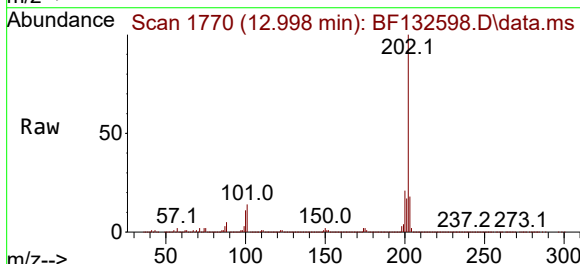
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

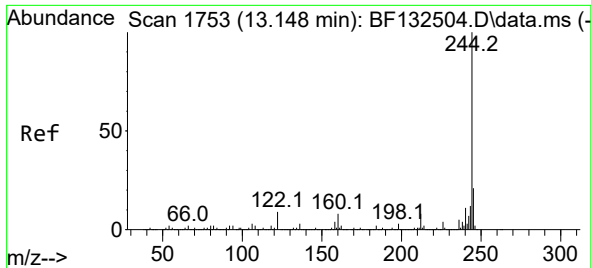
Tgt Ion:240 Resp: 438220  
Ion Ratio Lower Upper  
240 100  
120 10.1 7.2 10.8  
236 26.0 21.8 32.6



#78  
Pyrene  
Concen: 23.572 ng  
RT: 12.998 min Scan# 1770  
Delta R.T. -0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:202 Resp: 939137  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.1 25.7  
203 18.1 14.6 21.8

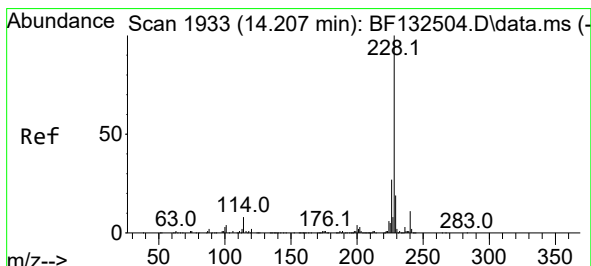
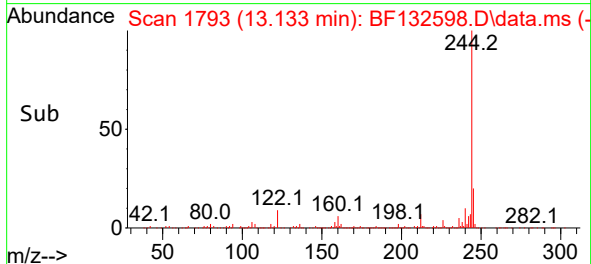
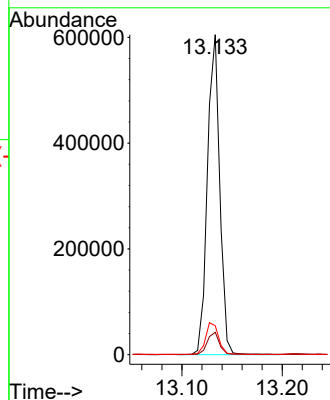
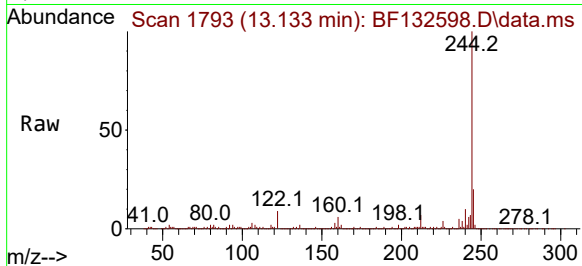




#79  
 Terphenyl-d14  
 Concen: 20.060 ng  
 RT: 13.133 min Scan# 1  
 Delta R.T. -0.009 min  
 Lab File: BF132598.D  
 Acq: 01 Mar 2023 18:51

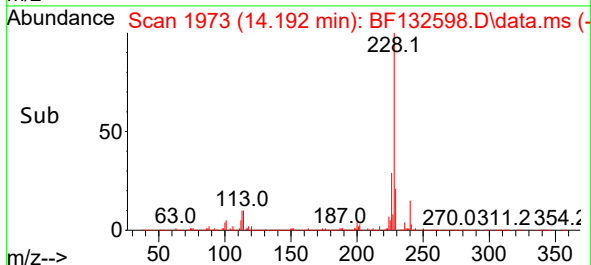
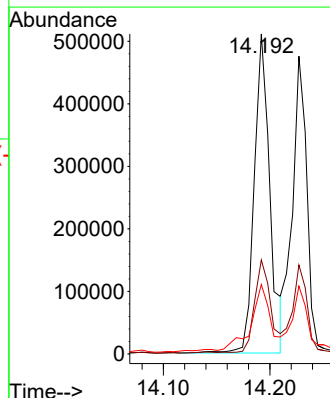
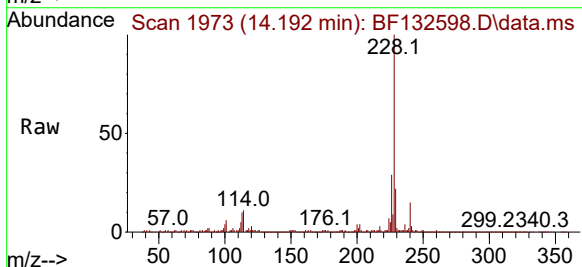
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022723

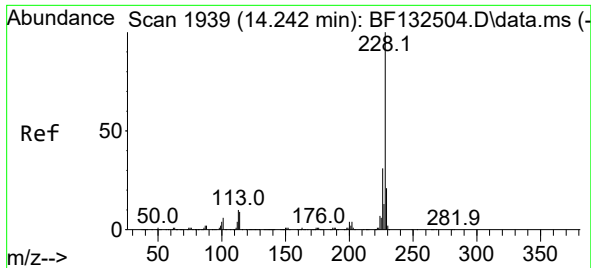
Tgt Ion:244 Resp: 519928  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.5 9.7  
 122 9.1 7.5 11.3



#81  
 Benzo(a)anthracene  
 Concen: 15.768 ng  
 RT: 14.192 min Scan# 1973  
 Delta R.T. -0.003 min  
 Lab File: BF132598.D  
 Acq: 01 Mar 2023 18:51

Tgt Ion:228 Resp: 517019  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 21.7 32.5  
 229 21.7 15.4 23.2

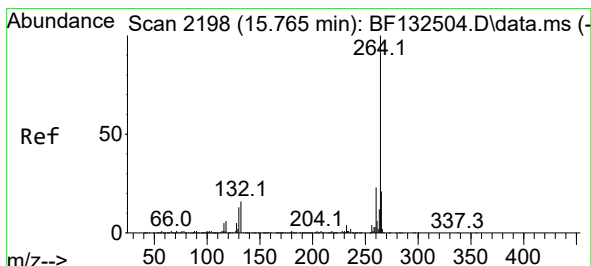
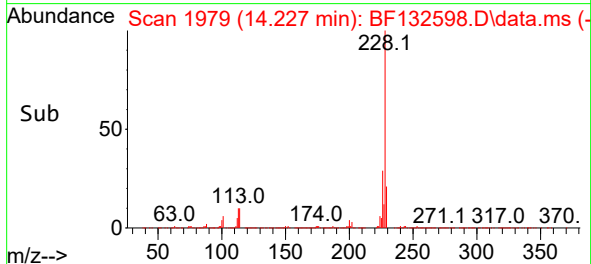
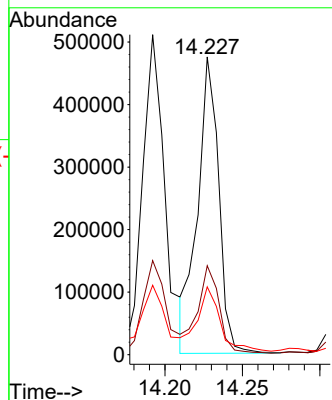
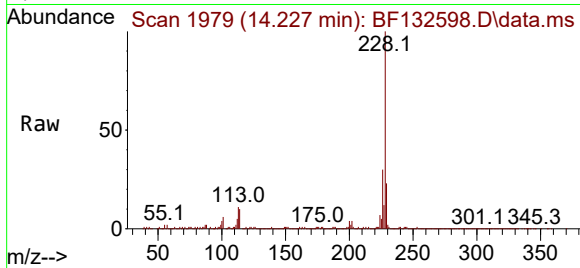




#83  
Chrysene  
Concen: 14.625 ng  
RT: 14.227 min Scan# 1939  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

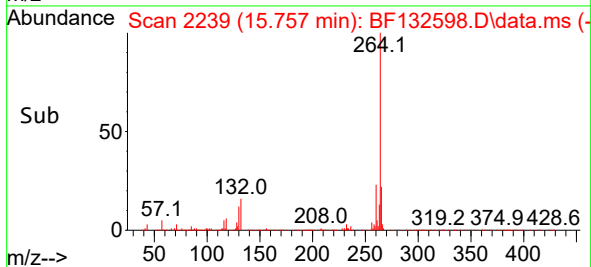
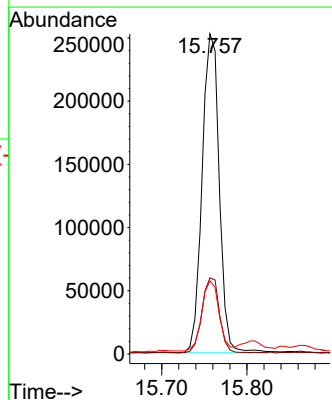
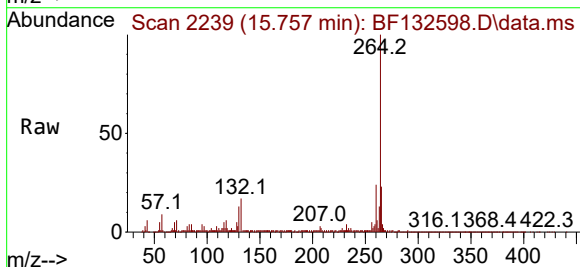
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

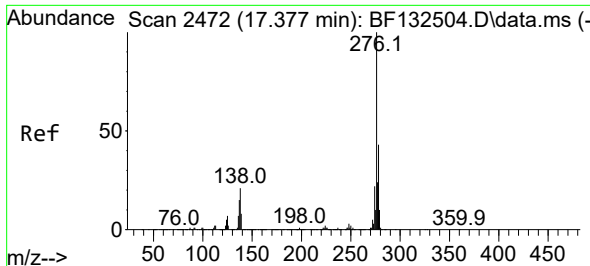
Tgt Ion:228 Resp: 448416  
Ion Ratio Lower Upper  
228 100  
226 29.9 25.0 37.6  
229 22.8 16.4 24.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.757 min Scan# 2239  
Delta R.T. 0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:264 Resp: 354088  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.8 28.2  
265 22.9 17.1 25.7

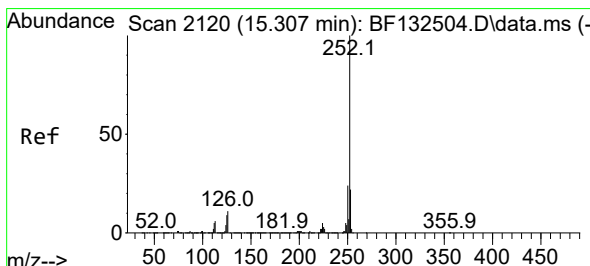
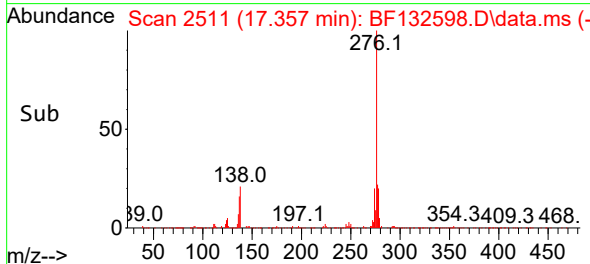
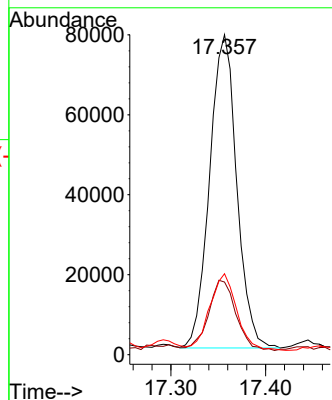
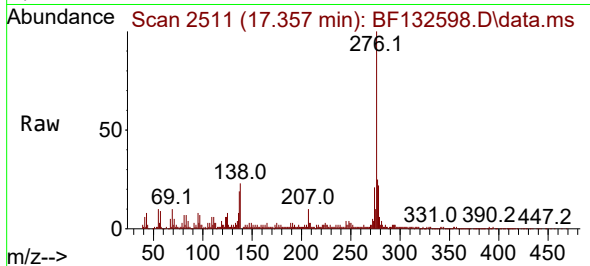




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 6.712 ng  
 RT: 17.357 min Scan# 2160  
 Delta R.T. -0.003 min  
 Lab File: BF132598.D  
 Acq: 01 Mar 2023 18:51

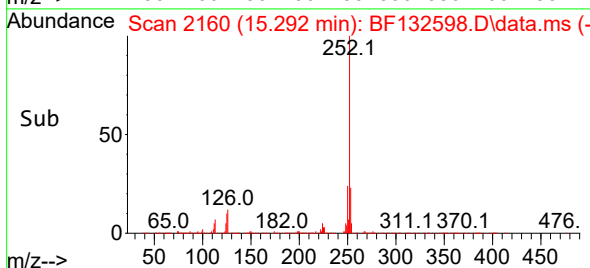
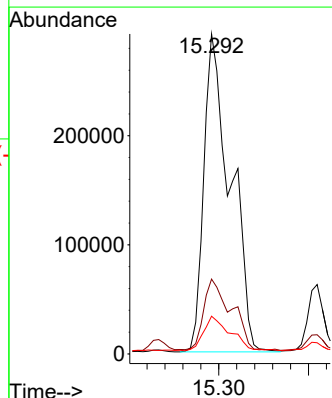
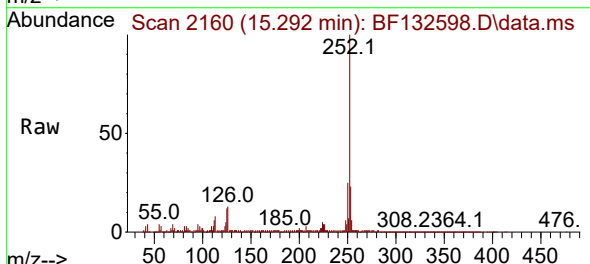
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022723

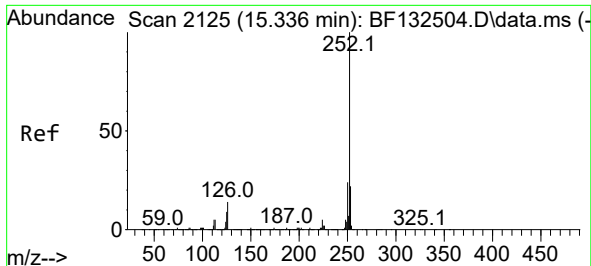
Tgt Ion:276 Resp: 155724  
 Ion Ratio Lower Upper  
 276 100  
 138 23.0 19.0 28.4  
 277 24.5 20.0 30.0



#88  
 Benzo(b)fluoranthene  
 Concen: 25.280 ng  
 RT: 15.292 min Scan# 2160  
 Delta R.T. -0.003 min  
 Lab File: BF132598.D  
 Acq: 01 Mar 2023 18:51

Tgt Ion:252 Resp: 599875  
 Ion Ratio Lower Upper  
 252 100  
 253 23.4 17.4 26.0  
 125 11.8 7.0 10.6#

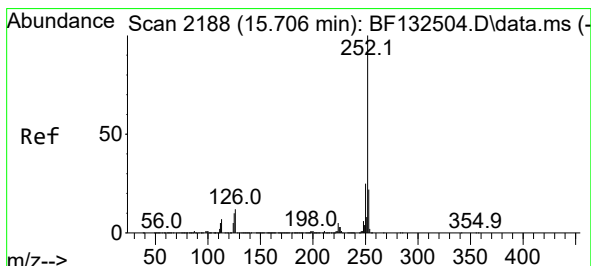
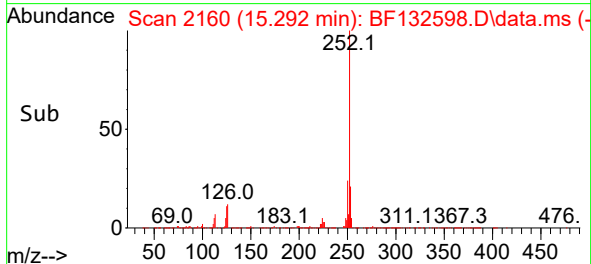
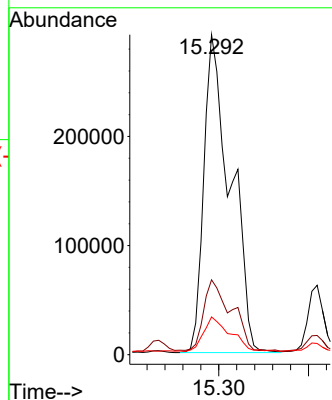
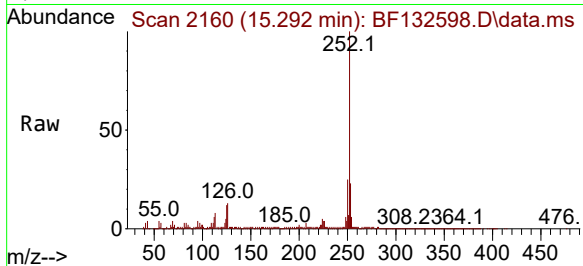




#89  
Benzo(k)fluoranthene  
Concen: 25.830 ng  
RT: 15.292 min Scan# 21  
Delta R.T. -0.032 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

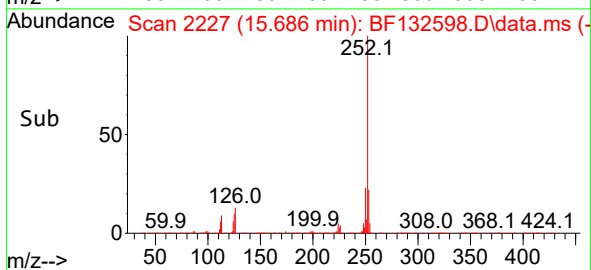
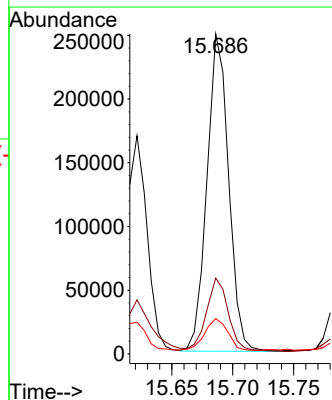
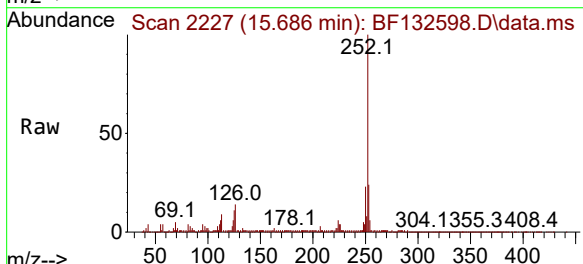
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

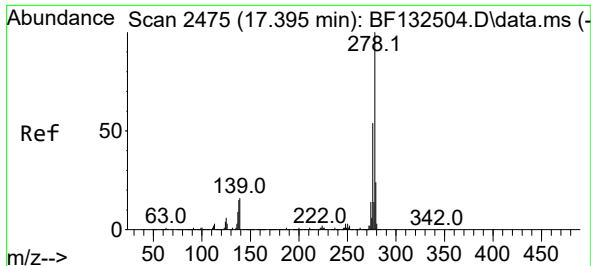
Tgt Ion:252 Resp: 599875  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.5 26.3  
125 11.8 7.2 10.8#



#90  
Benzo(a)pyrene  
Concen: 13.898 ng  
RT: 15.686 min Scan# 2227  
Delta R.T. -0.003 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:252 Resp: 308653  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.2 25.8  
125 11.1 8.0 12.0

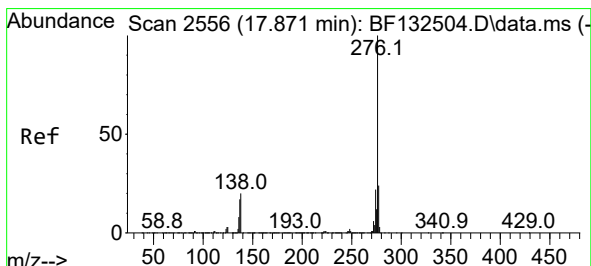
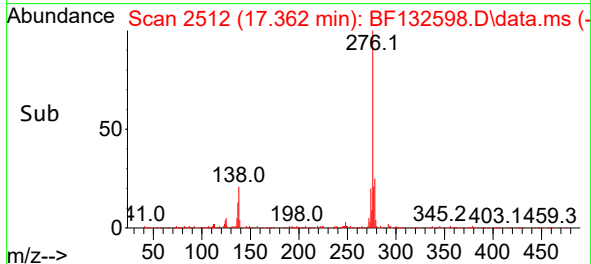
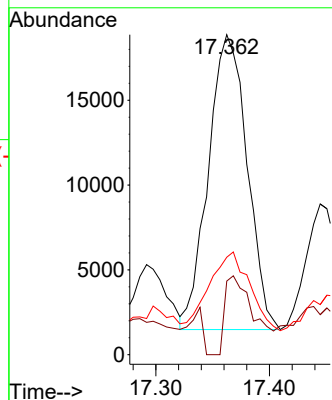
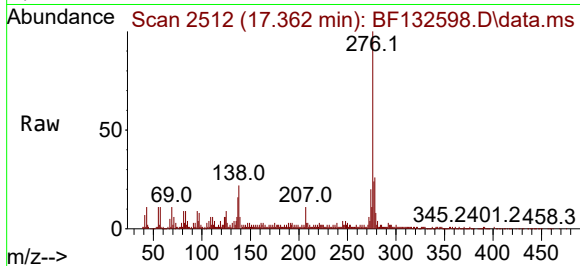




#91  
Dibenzo(a,h)anthracene  
Concen: 2.179 ng  
RT: 17.362 min Scan# 21  
Delta R.T. -0.015 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022723

Tgt Ion:278 Resp: 41190  
Ion Ratio Lower Upper  
278 100  
139 23.0 13.0 19.4#  
279 30.5 19.0 28.4#



#92  
Benzo(g,h,i)perylene  
Concen: 8.516 ng  
RT: 17.845 min Scan# 2594  
Delta R.T. -0.009 min  
Lab File: BF132598.D  
Acq: 01 Mar 2023 18:51

Tgt Ion:276 Resp: 152569  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.9 28.3  
138 23.5 16.2 24.4

