

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060823\  
 Data File : BF133660.D  
 Acq On : 09 Jun 2023 02:02  
 Operator : CG\JU  
 Sample : 03002-09DL2 20X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC02DL2

Quant Time: Jun 09 04:12:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 08 11:43:32 2023  
 Response via : Initial Calibration

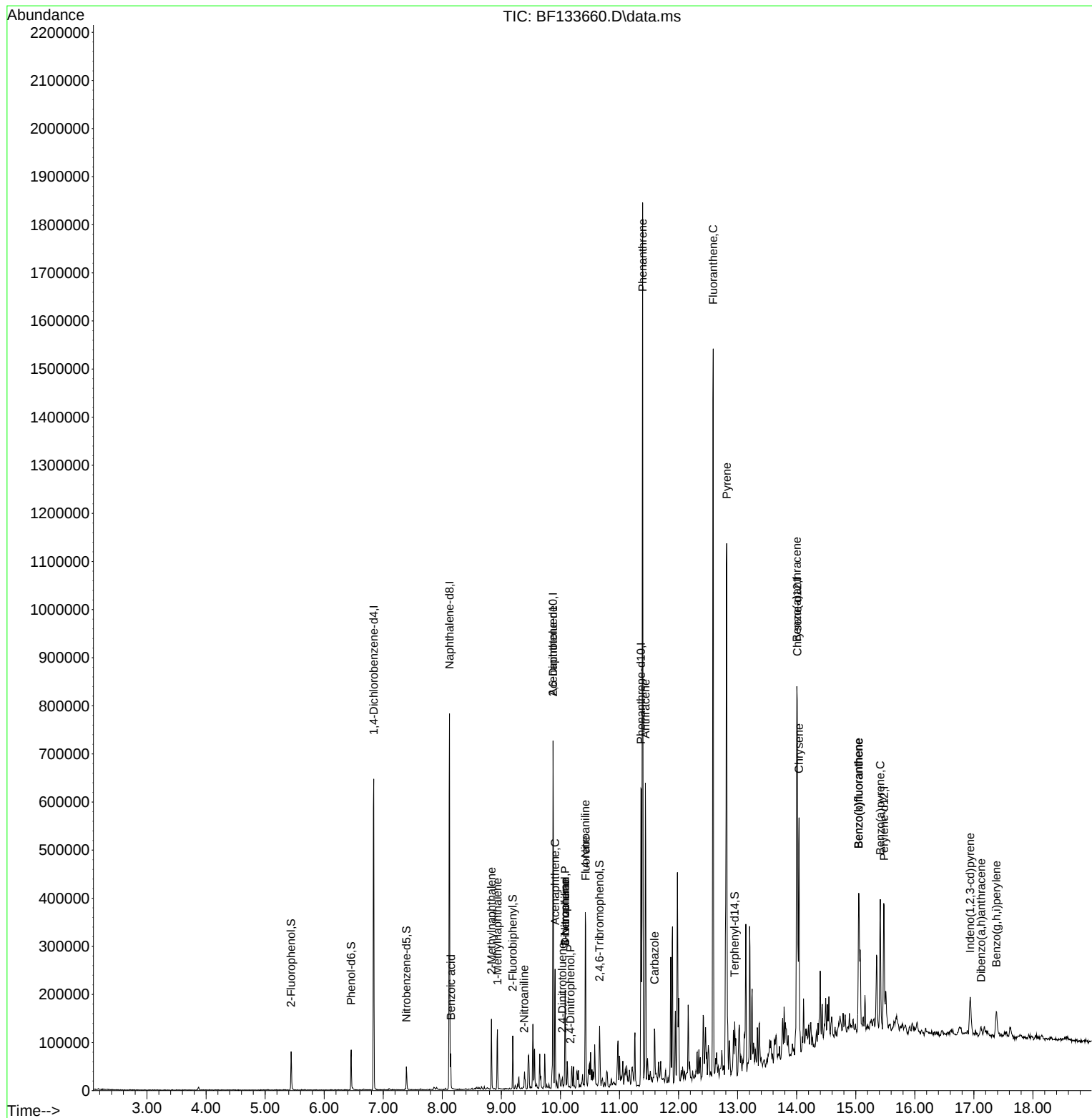
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 94297    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 314015   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.875  | 164  | 129567   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 245480   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 156430   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12            | 15.480 | 264  | 130026   | 20.000    | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 20594    | 3.644     | ng    | 0.00     |
| 7) Phenol-d6                | 6.457  | 99   | 24677    | 3.547     | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.392  | 82   | 13037    | 2.772     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 4450     | 3.445     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 27378    | 3.261     | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 29687    | 3.374     | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| Target Compounds            |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde             | 6.516  | 77   | 61       | Below Cal | #     | 1        |
| 32) Benzoic acid            | 8.145  | 122  | 54       | 7.364     | ng    | # 1      |
| 37) 2-Methylnaphthalene     | 8.834  | 142  | 33870    | 3.259     | ng    | 96       |
| 38) 1-Methylnaphthalene     | 8.934  | 142  | 29562    | 3.051     | ng    | 96       |
| 48) 2-Nitroaniline          | 9.386  | 65   | 83       | 4.022     | ng    | # 6      |
| 51) 2,6-Dinitrotoluene      | 9.875  | 165  | 18539    | 13.568    | ng    | # 19     |
| 52) Acenaphthene            | 9.910  | 154  | 46777    | 5.931     | ng    | 96       |
| 53) 3-Nitroaniline          | 10.081 | 138  | 989      | 3.605     | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 10.169 | 184  | 56       | 6.596     | ng    | # 17     |
| 55) Dibenzofuran            | 10.081 | 168  | 56659    | 4.829     | ng    | 98       |
| 56) 4-Nitrophenol           | 10.081 | 139  | 20705    | 13.289    | ng    | # 7      |
| 57) 2,4-Dinitrotoluene      | 10.033 | 165  | 1060     | 5.190     | ng    | # 42     |
| 58) Fluorene                | 10.428 | 166  | 97327    | 11.322    | ng    | 99       |
| 62) 4-Nitroaniline          | 10.422 | 138  | 1086     | 3.450     | ng    | # 19     |
| 71) Phenanthrene            | 11.392 | 178  | 610498   | 49.102    | ng    | 100      |
| 72) Anthracene              | 11.439 | 178  | 221306   | 17.295    | ng    | 99       |
| 73) Carbazole               | 11.592 | 167  | 42240    | 3.490     | ng    | 96       |
| 75) Fluoranthene            | 12.586 | 202  | 607865   | 44.261    | ng    | 97       |
| 78) Pyrene                  | 12.816 | 202  | 515153   | 38.700    | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.004 | 228  | 228764   | 21.953    | ng    | 98       |
| 83) Chrysene                | 14.039 | 228  | 192752   | 18.322    | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.939 | 276  | 53443    | 6.453     | ng    | 94       |
| 88) Benzo(b)fluoranthene    | 15.051 | 252  | 231584   | 27.352    | ng    | 99       |
| 89) Benzo(k)fluoranthene    | 15.051 | 252  | 231584   | 28.051    | ng    | 99       |
| 90) Benzo(a)pyrene          | 15.415 | 252  | 128958   | 16.738    | ng    | 99       |
| 91) Dibenzo(a,h)anthracene  | 17.121 | 278  | 14865    | 2.214     | ng    | 94       |
| 92) Benzo(g,h,i)perylene    | 17.380 | 276  | 51005    | 7.533     | ng    | 98       |
| -----                       |        |      |          |           |       |          |

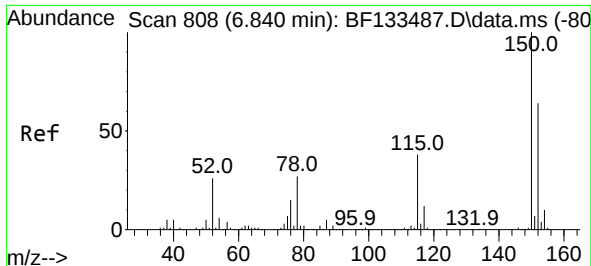
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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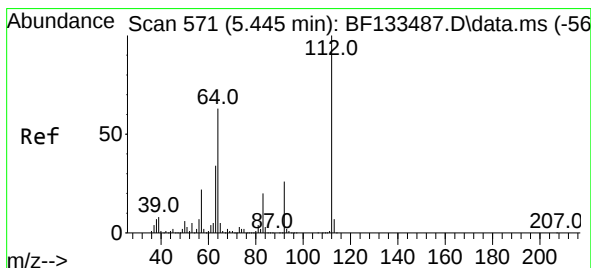
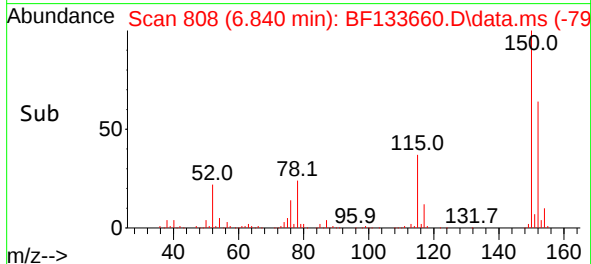
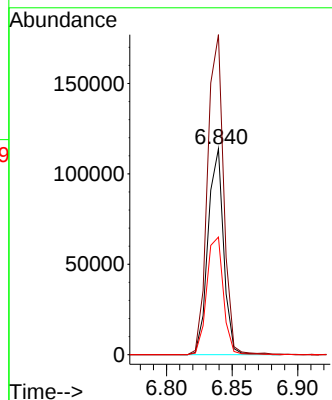
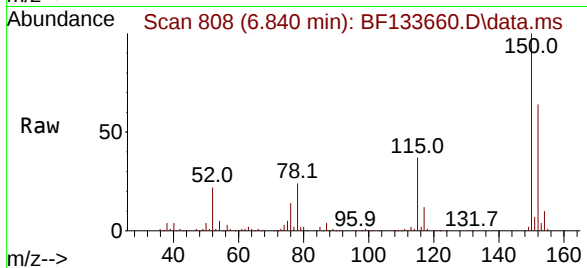




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.840 min Scan# 808  
 Delta R.T. 0.001 min  
 Lab File: BF133660.D  
 Acq: 09 Jun 2023 02:02

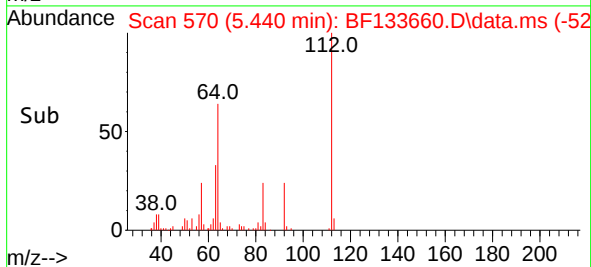
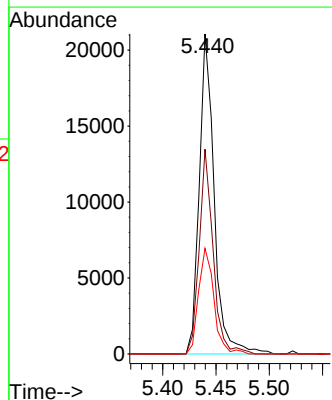
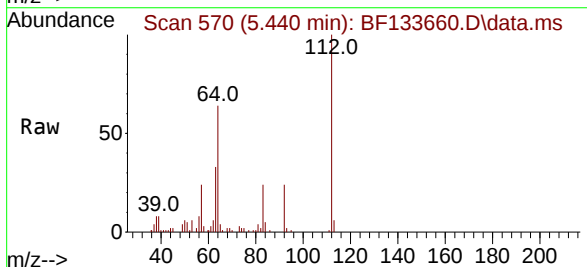
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC02DL2

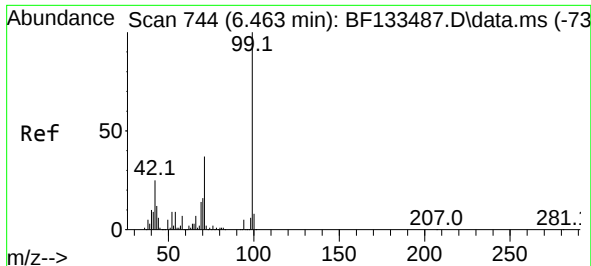
Tgt Ion:152 Resp: 94297  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 124.9 187.3  
 115 57.1 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 3.644 ng  
 RT: 5.440 min Scan# 570  
 Delta R.T. -0.006 min  
 Lab File: BF133660.D  
 Acq: 09 Jun 2023 02:02

Tgt Ion:112 Resp: 20594  
 Ion Ratio Lower Upper  
 112 100  
 64 64.0 50.1 75.1  
 63 33.0 27.5 41.3

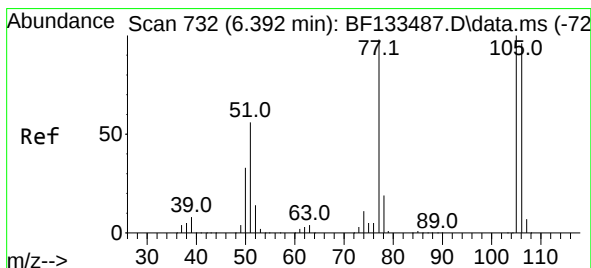
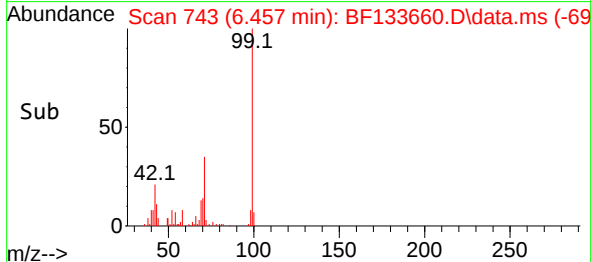
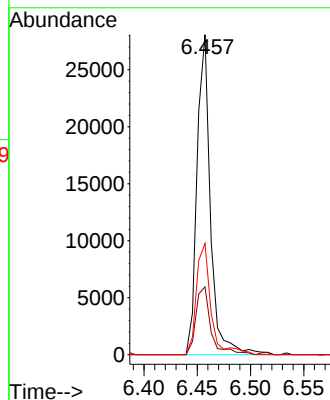
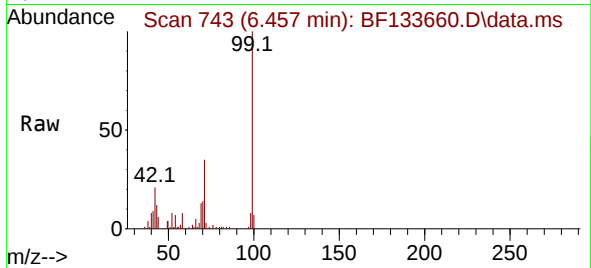




#7  
Phenol-d6  
Concen: 3.547 ng  
RT: 6.457 min Scan# 744  
Delta R.T. -0.012 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

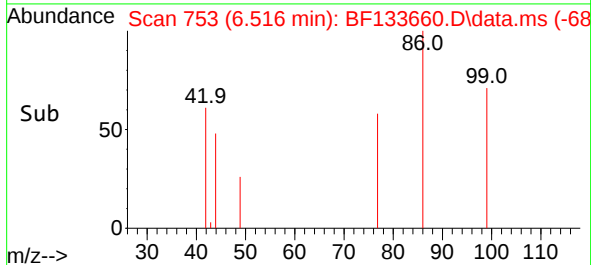
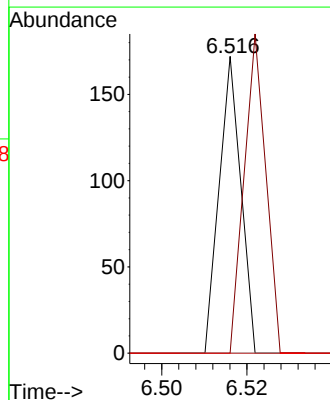
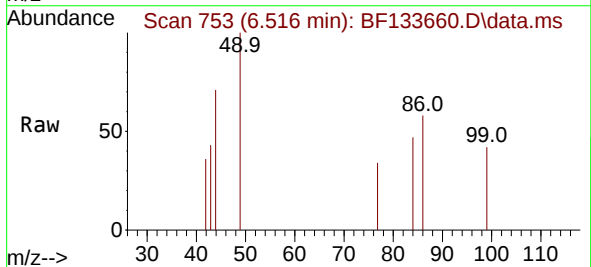
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL2

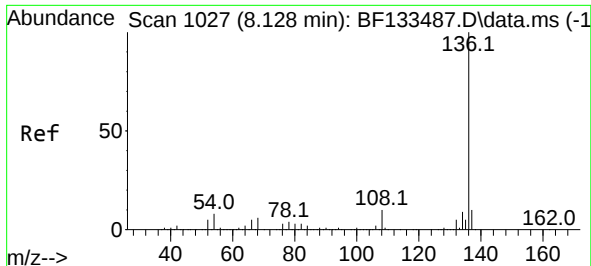
Tgt Ion: 99 Resp: 24677  
Ion Ratio Lower Upper  
99 100  
42 21.2 19.7 29.5  
71 34.8 29.8 44.8



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.516 min Scan# 753  
Delta R.T. 0.130 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

Tgt Ion: 77 Resp: 61  
Ion Ratio Lower Upper  
77 100  
105 0.0 81.9 121.9#  
106 0.0 77.8 117.8#

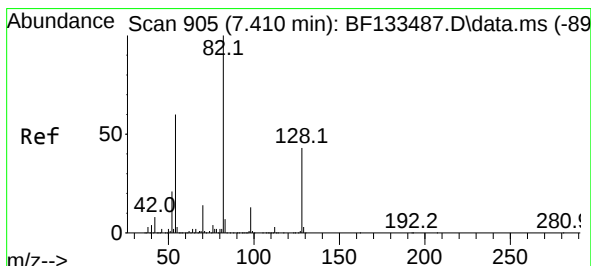
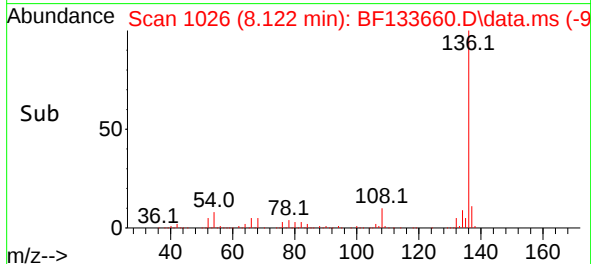
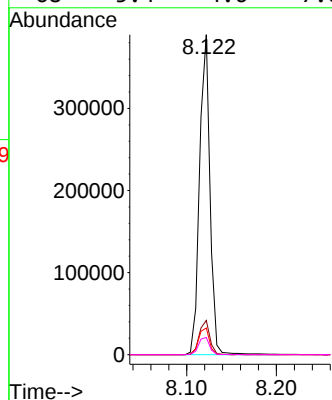
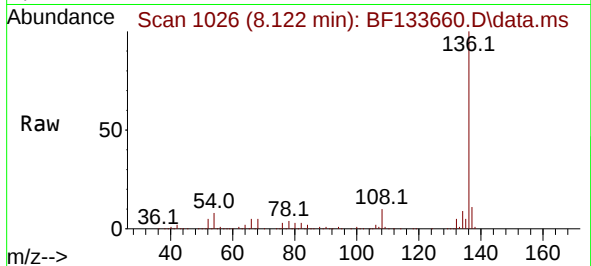




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

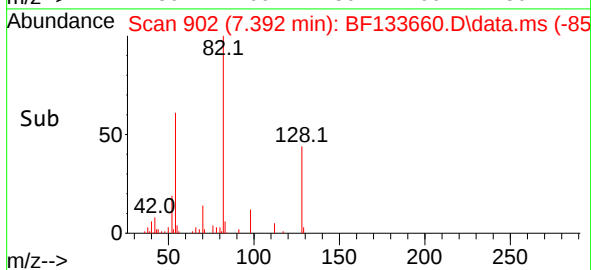
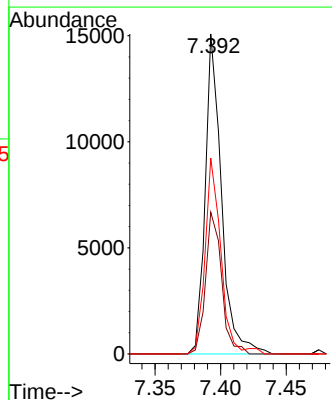
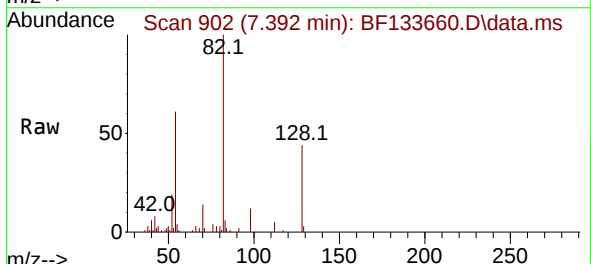
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL2

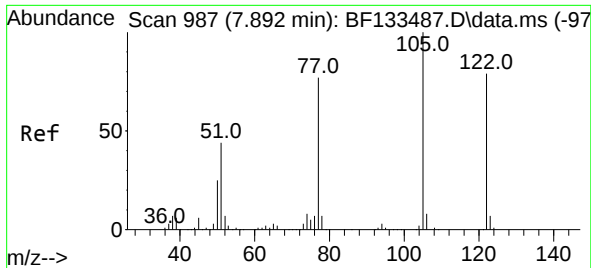
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 314015      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.7  | 8.2 12.4    |
| 54          | 8.4   | 6.6 10.0    |
| 68          | 5.4   | 4.6 7.0     |



#23  
Nitrobenzene-d5  
Concen: 2.772 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 13037       |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 44.3  | 34.2 51.4   |
| 54          | 61.2  | 48.2 72.4   |

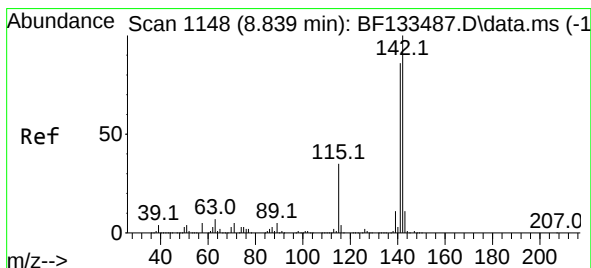
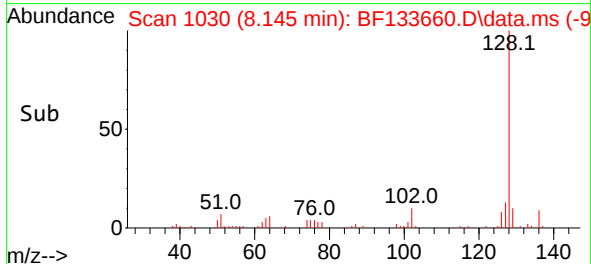
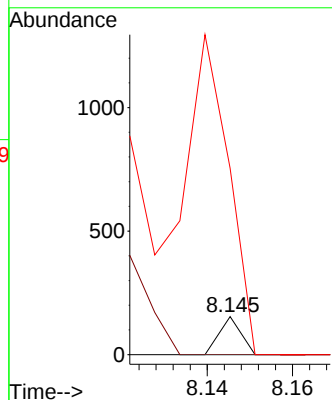
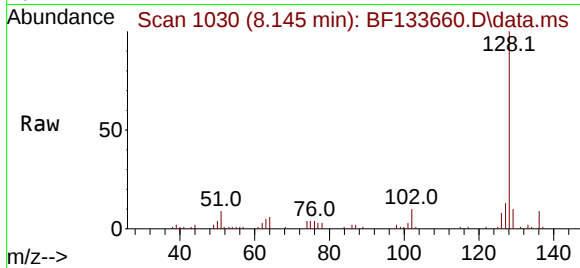




#32  
Benzoic acid  
Concen: 7.364 ng  
RT: 8.145 min Scan# 110  
Delta R.T. 0.259 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

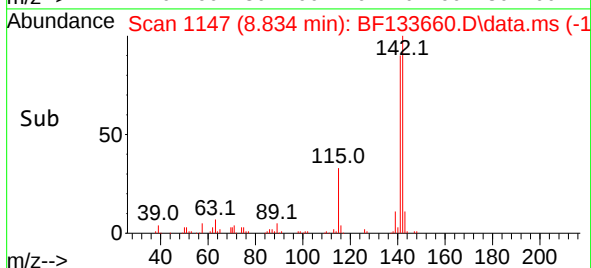
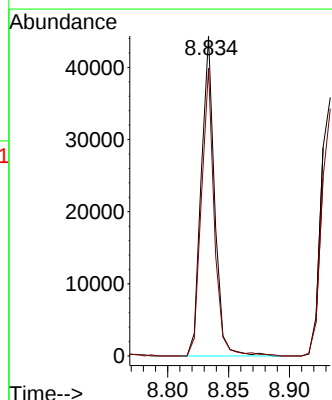
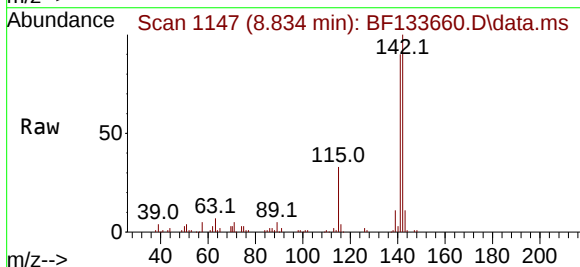
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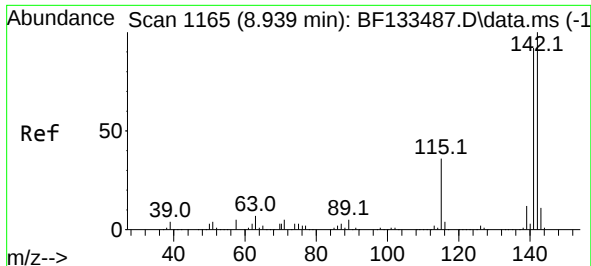
Tgt Ion:122 Resp: 54  
Ion Ratio Lower Upper  
122 100  
105 0.0 103.3 143.3#  
77 489.6 75.7 115.7#



#37  
2-Methylnaphthalene  
Concen: 3.259 ng  
RT: 8.834 min Scan# 1147  
Delta R.T. 0.000 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

Tgt Ion:142 Resp: 33870  
Ion Ratio Lower Upper  
142 100  
141 89.9 69.2 103.8





#38

1-Methylnaphthalene

Concen: 3.051 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

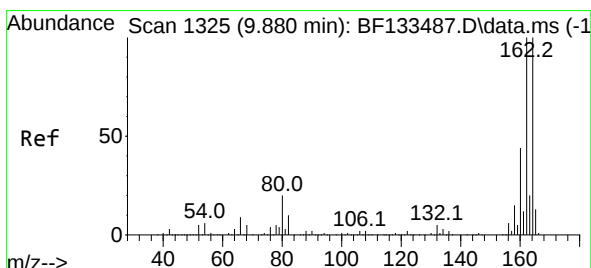
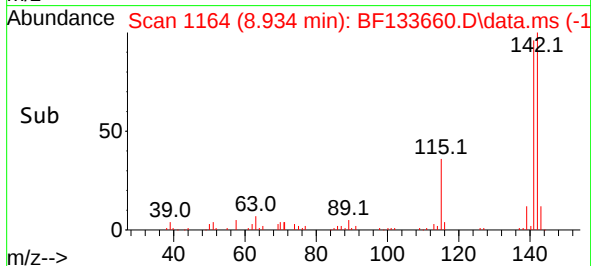
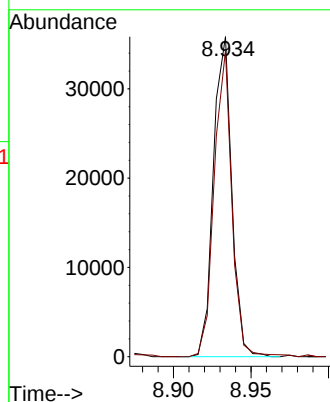
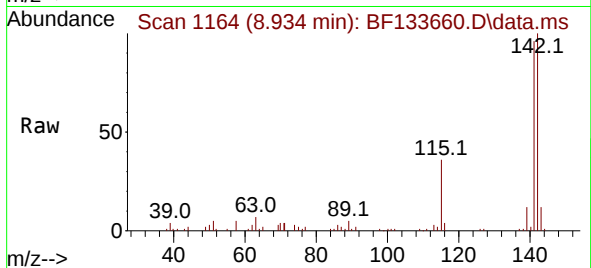
WC02DL2

Tgt Ion:142 Resp: 29562

Ion Ratio Lower Upper

142 100

141 95.6 73.6 110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

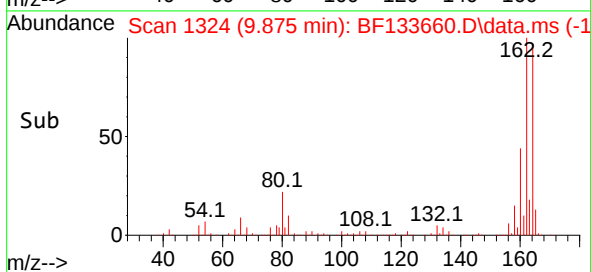
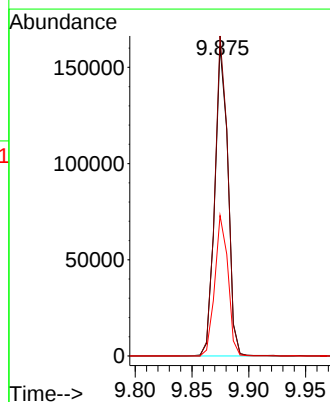
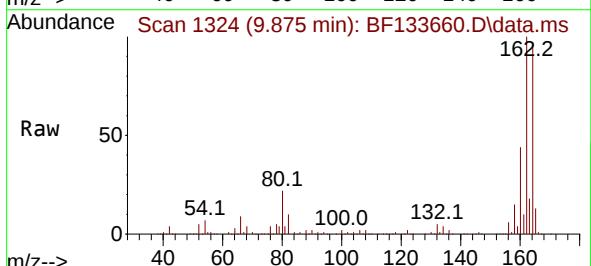
Tgt Ion:164 Resp: 129567

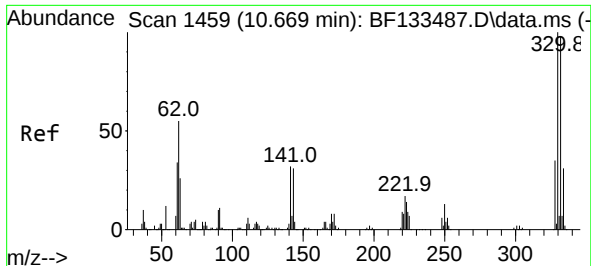
Ion Ratio Lower Upper

164 100

162 103.4 79.7 119.5

160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 3.445 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133660.D

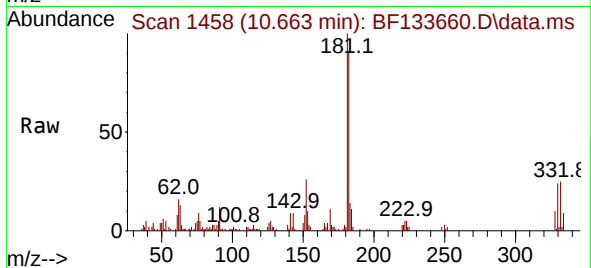
Acq: 09 Jun 2023 02:02

Instrument :

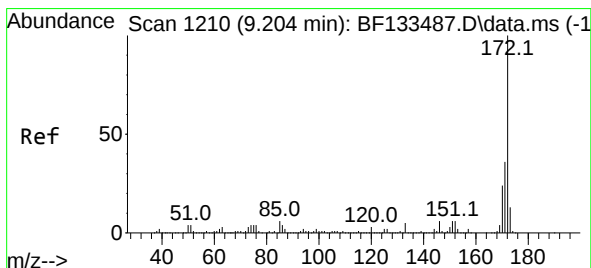
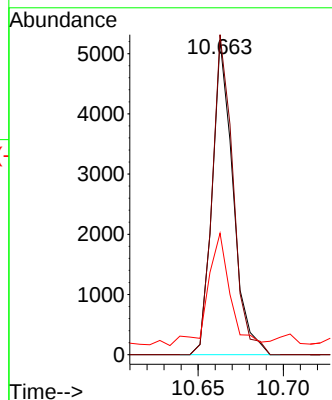
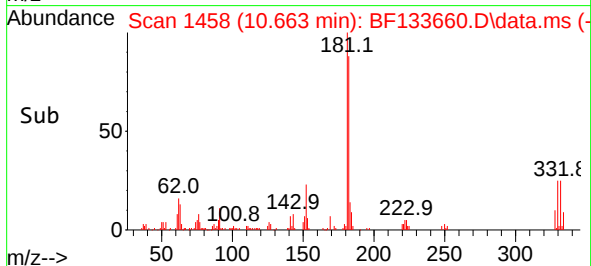
BNA\_F

ClientSampleId :

WC02DL2



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 4450  |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 101.7 | 77.8  | 116.6 |
| 141       | 55.9  | 26.6  | 40.0# |



#45

2-Fluorobiphenyl

Concen: 3.261 ng

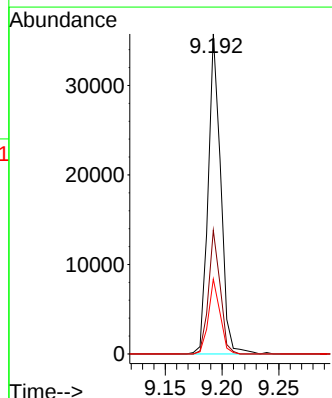
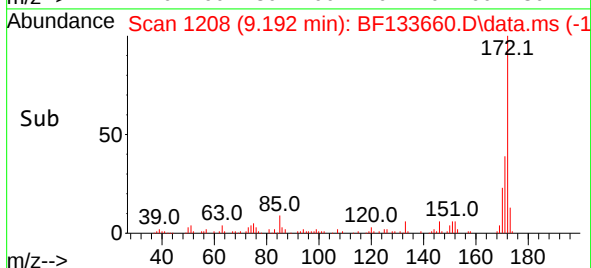
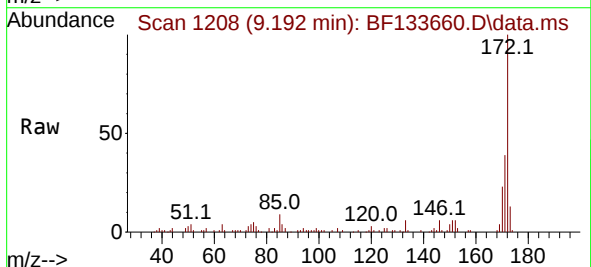
RT: 9.192 min Scan# 1208

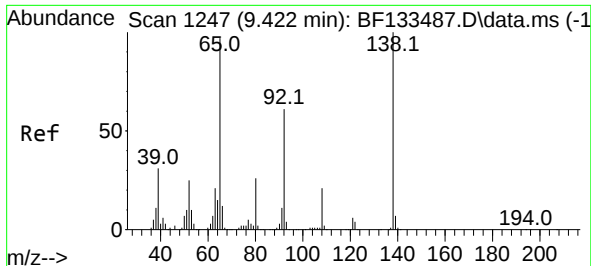
Delta R.T. -0.006 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 27378 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 38.6  | 28.4  | 42.6  |
| 170       | 23.4  | 19.3  | 28.9  |

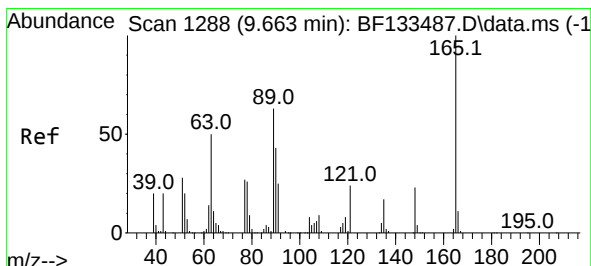
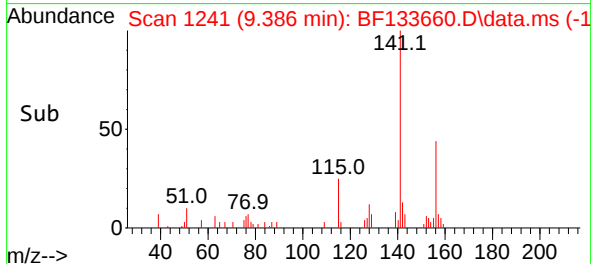
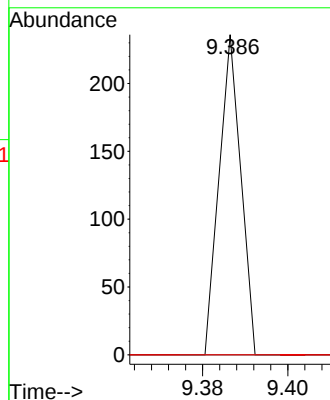
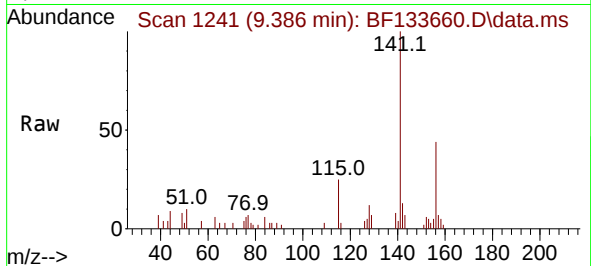




#48  
2-Nitroaniline  
Concen: 4.022 ng  
RT: 9.386 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

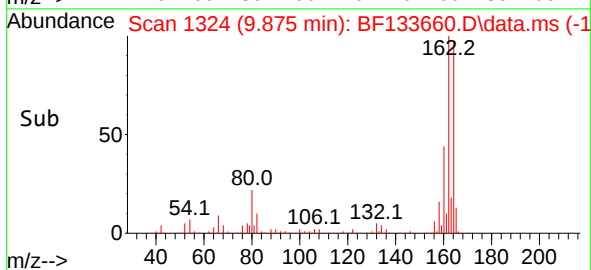
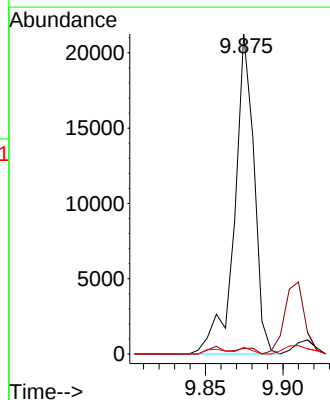
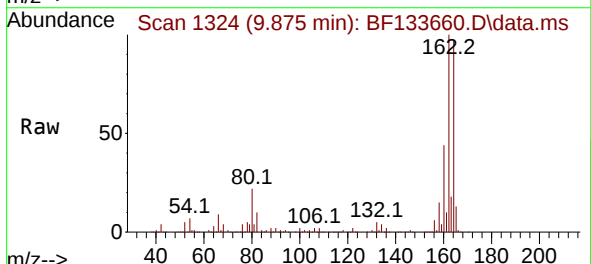
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL2

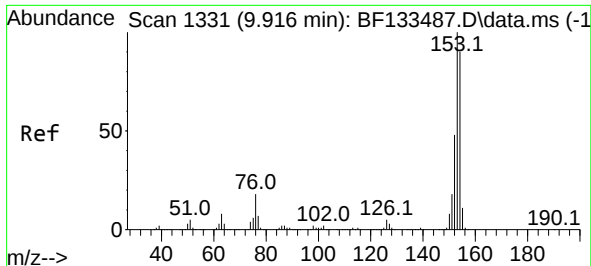
Tgt Ion: 65 Resp: 83  
Ion Ratio Lower Upper  
65 100  
92 0.0 50.8 76.2#  
138 0.0 82.6 124.0#



#51  
2,6-Dinitrotoluene  
Concen: 13.568 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.212 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

Tgt Ion: 165 Resp: 18539  
Ion Ratio Lower Upper  
165 100  
63 1.7 57.0 85.4#  
89 2.1 50.8 76.2#

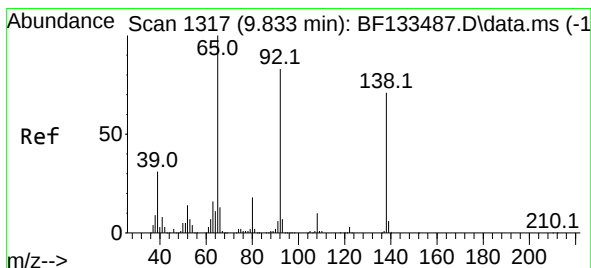
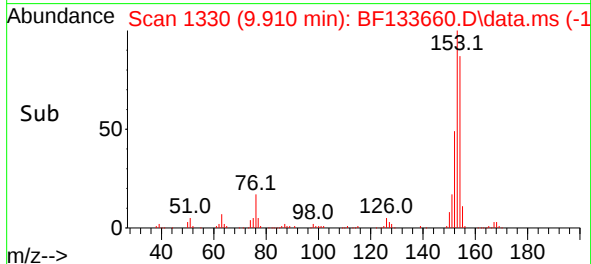
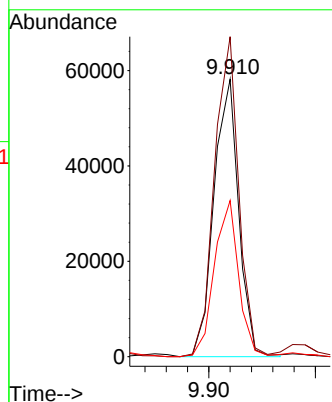
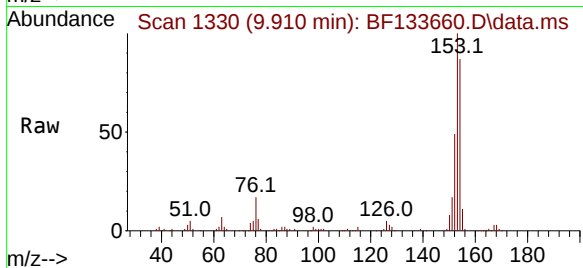




#52  
Acenaphthene  
Concen: 5.931 ng  
RT: 9.910 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

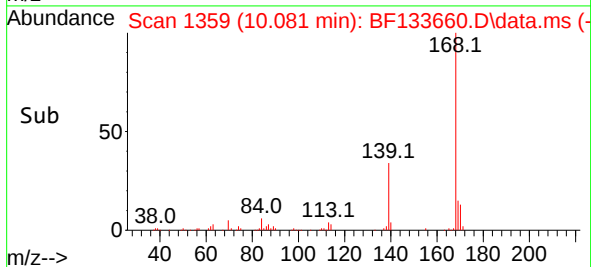
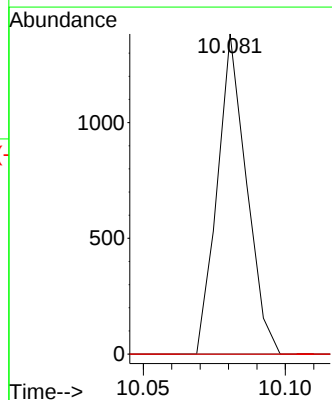
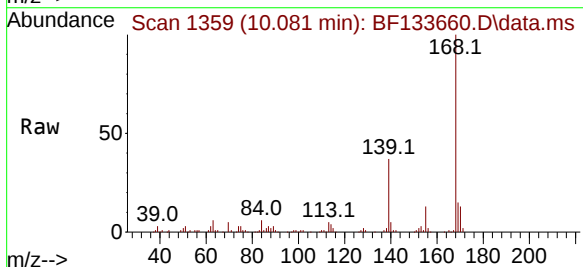
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL2

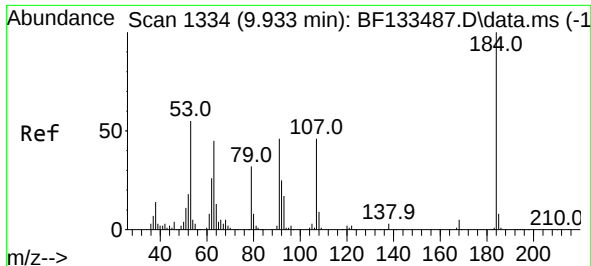
Tgt Ion:154 Resp: 46777  
Ion Ratio Lower Upper  
154 100  
153 115.3 89.2 133.8  
152 56.3 43.1 64.7



#53  
3-Nitroaniline  
Concen: 3.605 ng  
RT: 10.081 min Scan# 1359  
Delta R.T. 0.247 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

Tgt Ion:138 Resp: 989  
Ion Ratio Lower Upper  
138 100  
108 0.0 11.9 17.9#  
92 0.0 93.1 139.7#





#54

2,4-Dinitrophenol

Concen: 6.596 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.229 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

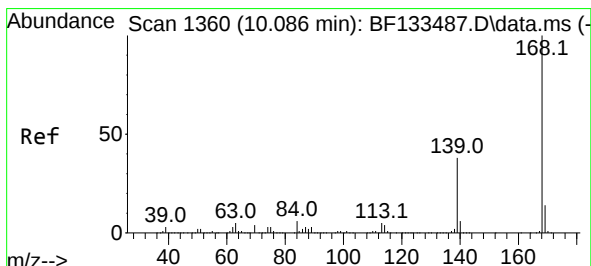
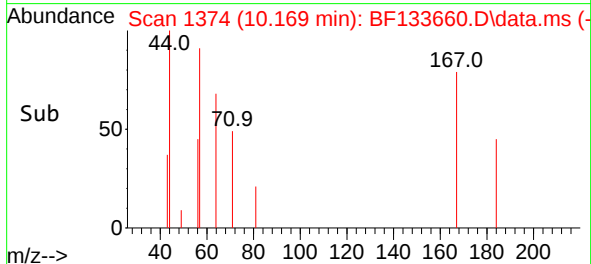
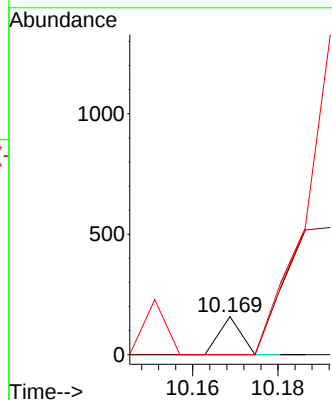
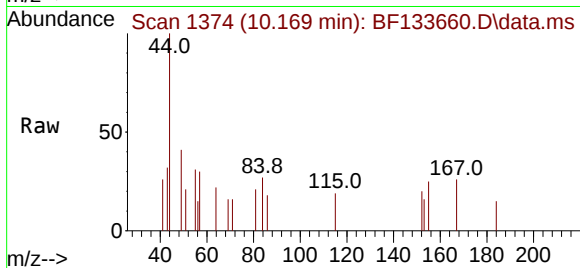
Instrument :

BNA\_F

ClientSampleId :

WC02DL2

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:184 | Resp: | 56         |
| Ion Ratio   | Lower | Upper      |
| 184         | 100   |            |
| 63          | 0.0   | 55.7 83.5# |
| 154         | 0.0   | 49.3 73.9# |



#55

Dibenzofuran

Concen: 4.829 ng

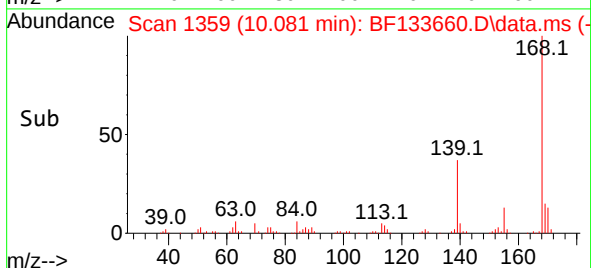
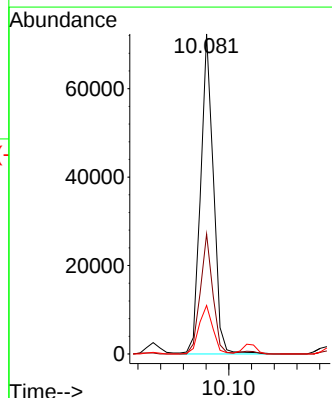
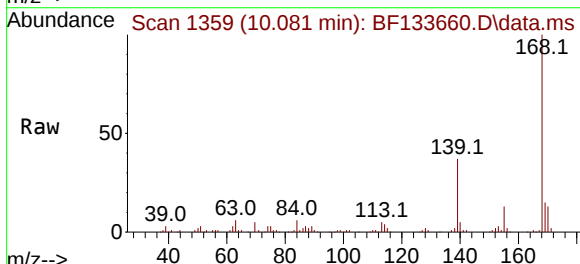
RT: 10.081 min Scan# 1359

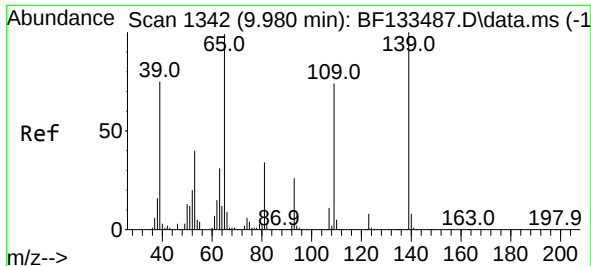
Delta R.T. -0.006 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:168 | Resp: | 56659     |
| Ion Ratio   | Lower | Upper     |
| 168         | 100   |           |
| 139         | 37.5  | 30.6 46.0 |
| 169         | 15.2  | 10.9 16.3 |





#56

4-Nitrophenol

Concen: 13.289 ng

RT: 10.081 min Scan# 1

Delta R.T. 0.094 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2

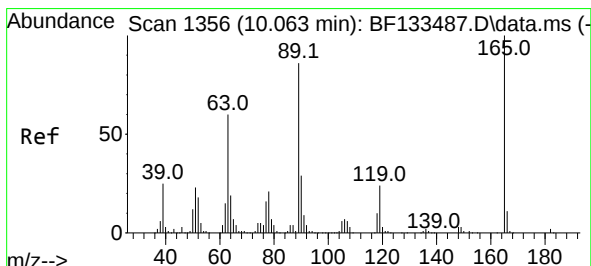
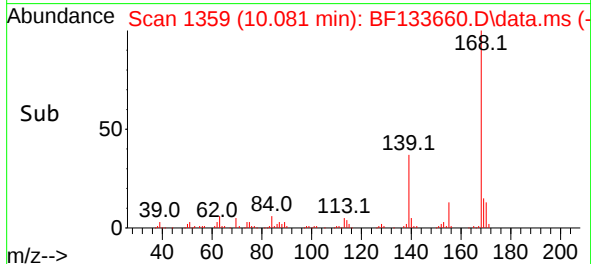
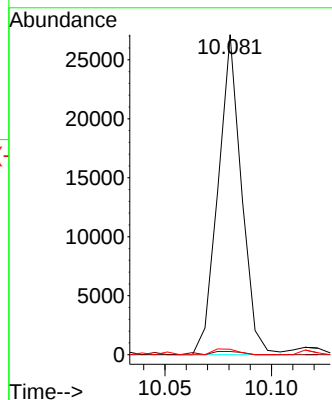
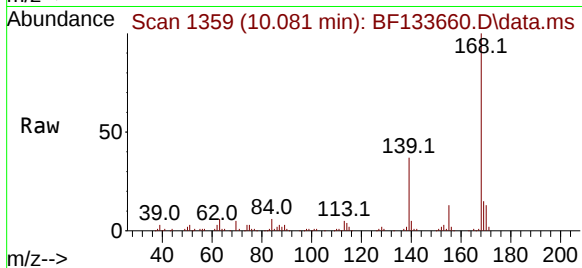
Tgt Ion:139 Resp: 20705

Ion Ratio Lower Upper

139 100

109 1.0 54.5 94.5#

65 1.7 79.5 119.5#



#57

2,4-Dinitrotoluene

Concen: 5.190 ng

RT: 10.033 min Scan# 1351

Delta R.T. -0.035 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Tgt Ion:165 Resp: 1060

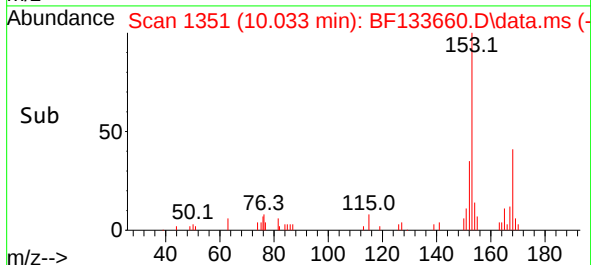
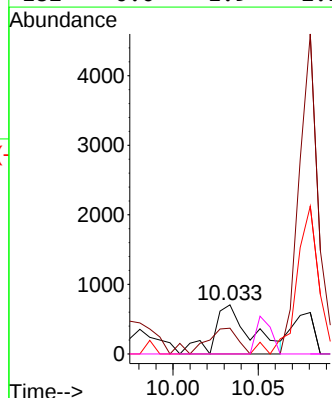
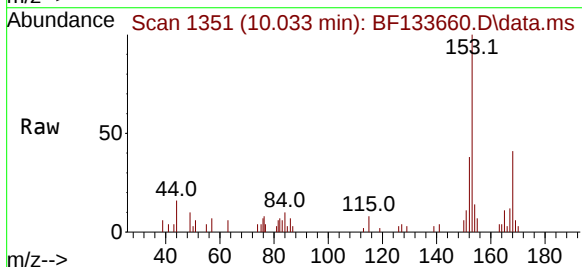
Ion Ratio Lower Upper

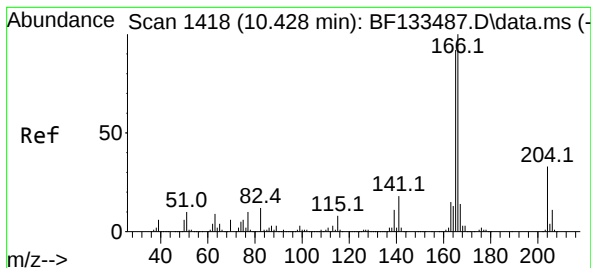
165 100

63 52.5 48.1 72.1

89 0.0 68.4 102.6#

182 0.0 1.9 2.9#





#58

Fluorene

Concen: 11.322 ng

RT: 10.428 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2

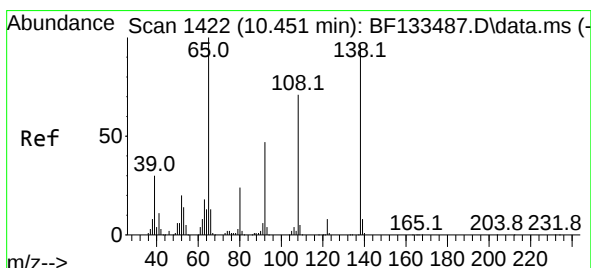
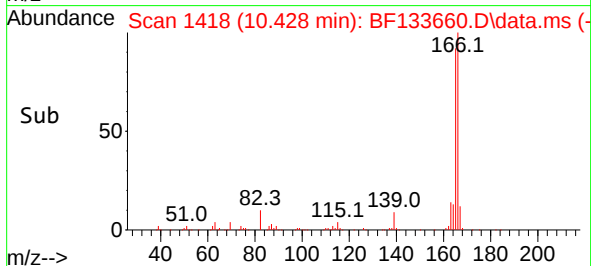
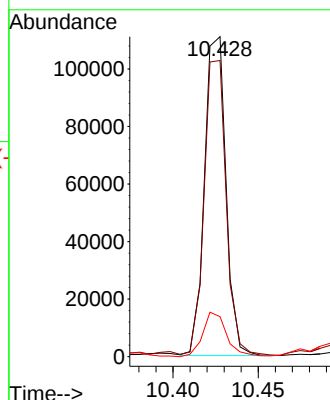
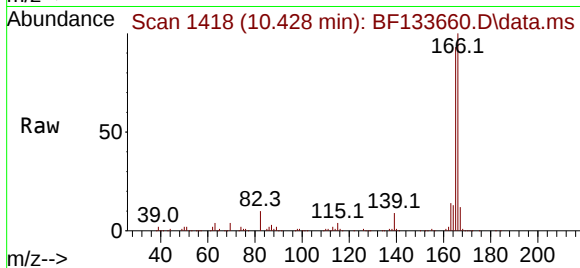
Tgt Ion:166 Resp: 97327

Ion Ratio Lower Upper

166 100

165 92.5 73.4 110.0

167 12.5 10.9 16.3



#62

4-Nitroaniline

Concen: 3.450 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.029 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

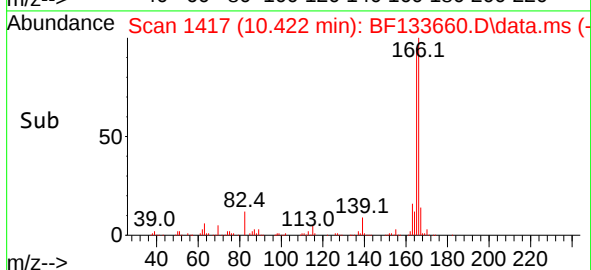
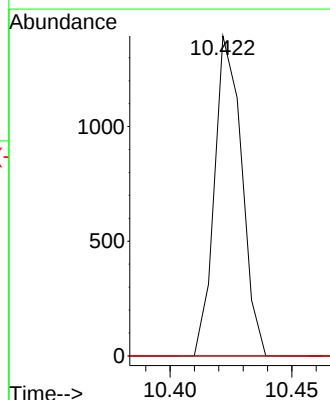
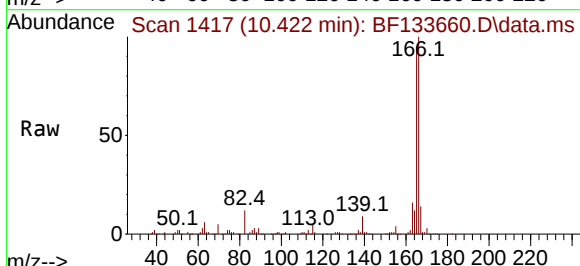
Tgt Ion:138 Resp: 1086

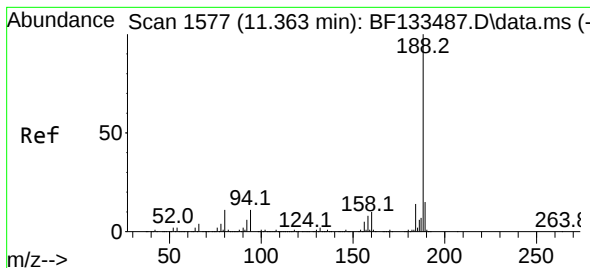
Ion Ratio Lower Upper

138 100

92 0.0 28.4 68.4#

108 0.0 54.2 94.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2

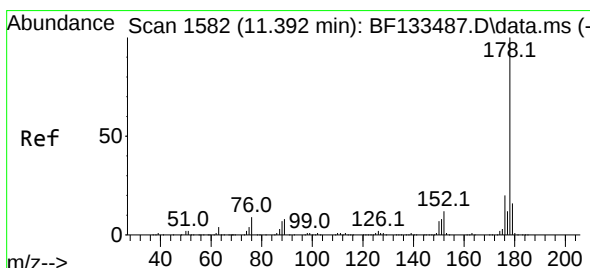
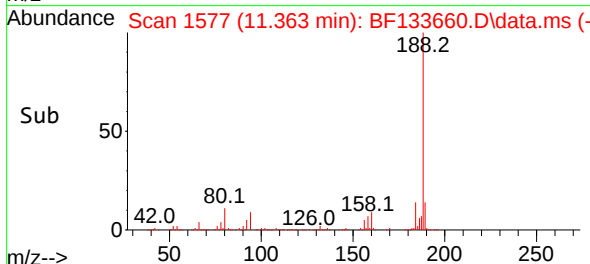
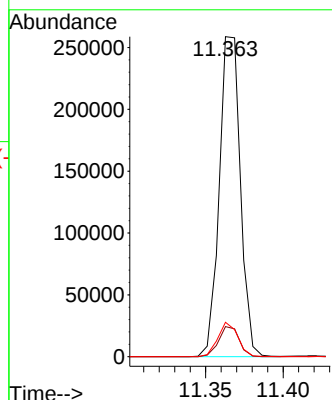
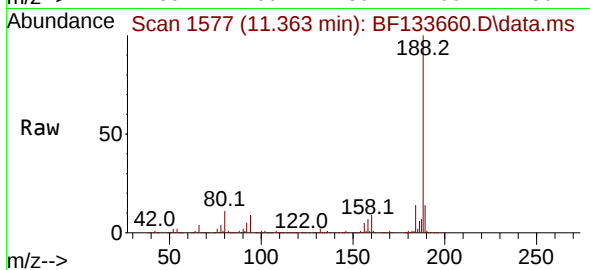
Tgt Ion:188 Resp: 245480

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

80 10.8 9.2 13.8



#71

Phenanthrene

Concen: 49.102 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

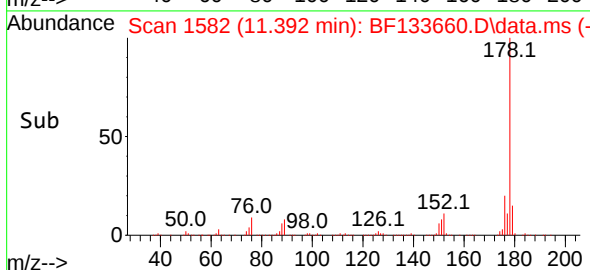
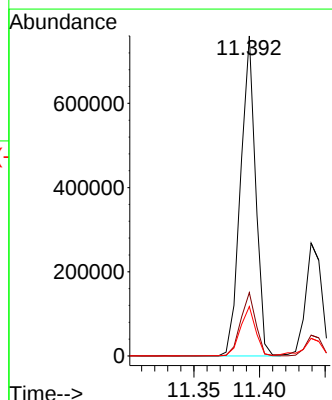
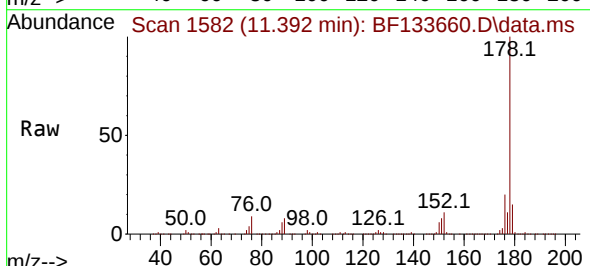
Tgt Ion:178 Resp: 610498

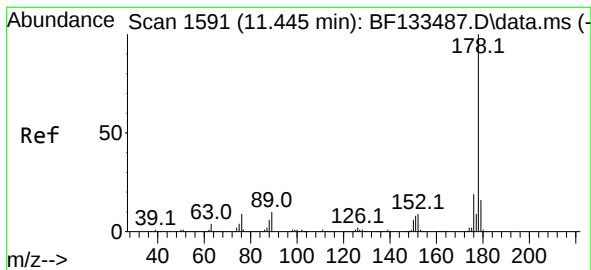
Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 15.4 12.4 18.6





#72

Anthracene

Concen: 17.295 ng

RT: 11.439 min Scan# 1591

Delta R.T. -0.006 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2

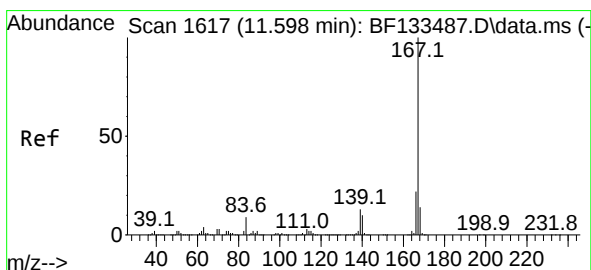
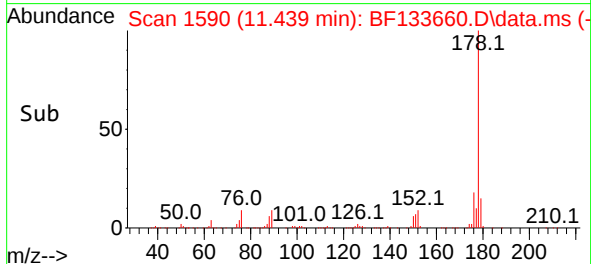
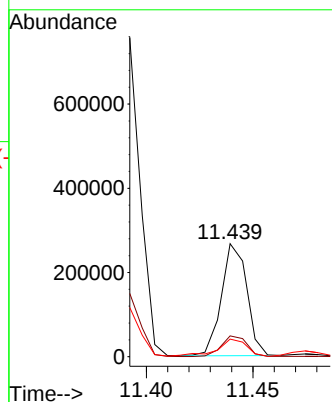
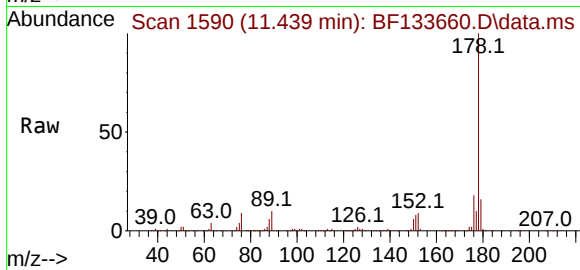
Tgt Ion:178 Resp: 221306

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.6 12.6 18.8



#73

Carbazole

Concen: 3.490 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

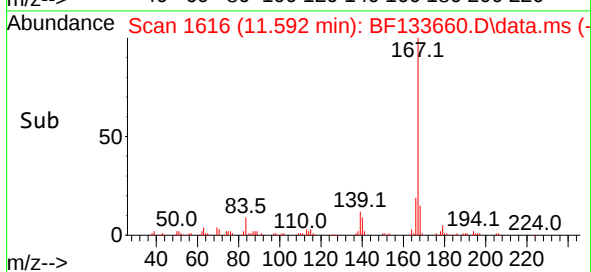
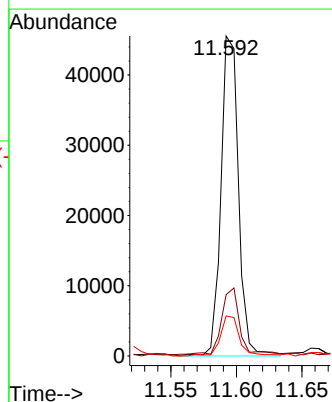
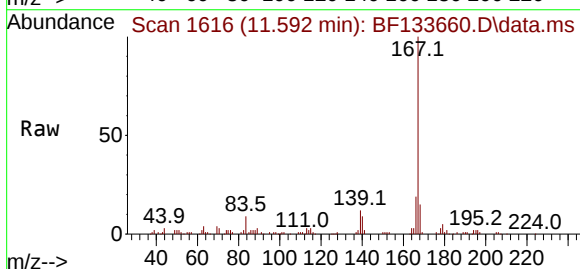
Tgt Ion:167 Resp: 42240

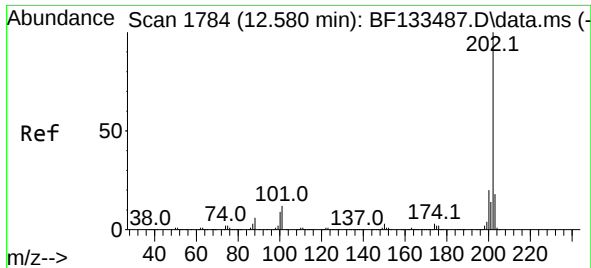
Ion Ratio Lower Upper

167 100

166 19.2 17.3 25.9

139 12.5 10.7 16.1

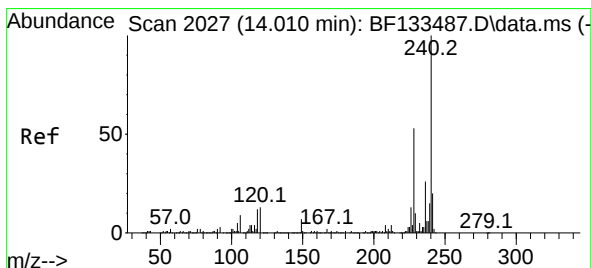
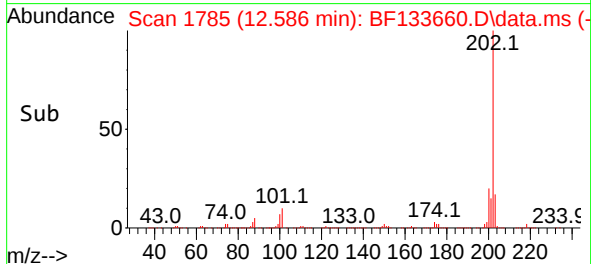
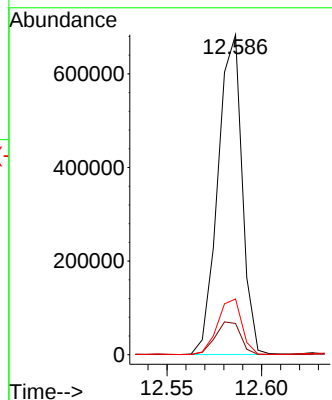
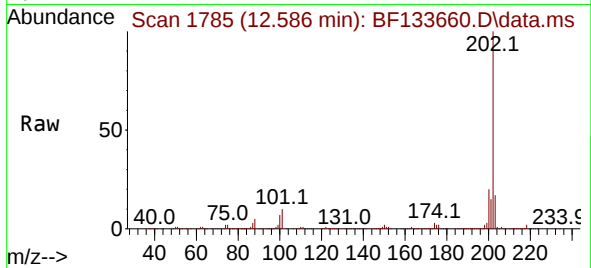




#75  
Fluoranthene  
Concen: 44.261 ng  
RT: 12.586 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

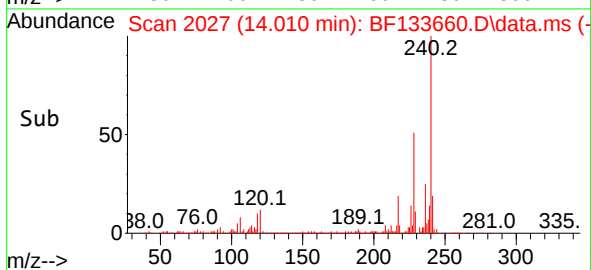
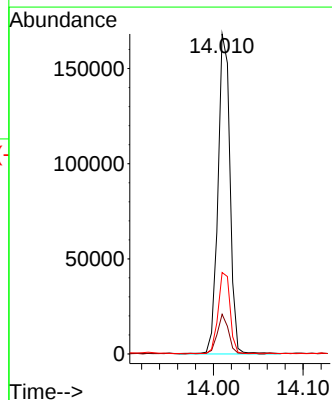
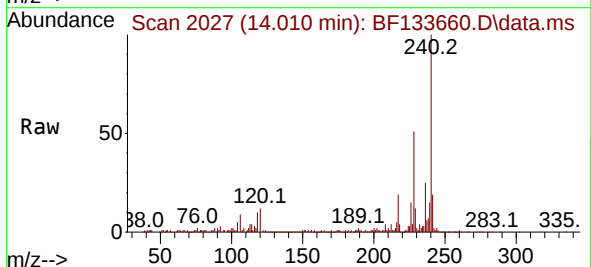
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL2

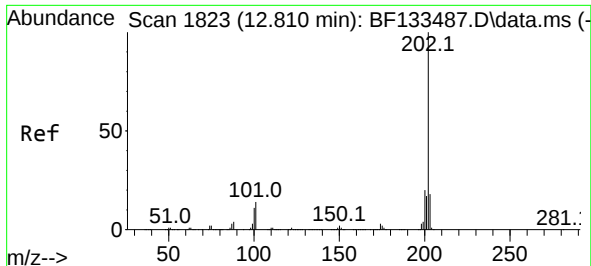
Tgt Ion:202 Resp: 607865  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 32.2  
203 17.4 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

Tgt Ion:240 Resp: 156430  
Ion Ratio Lower Upper  
240 100  
120 12.4 10.3 15.5  
236 25.5 20.5 30.7

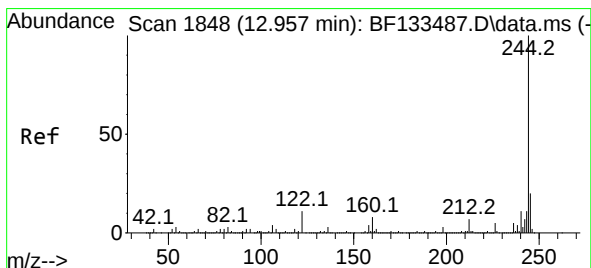
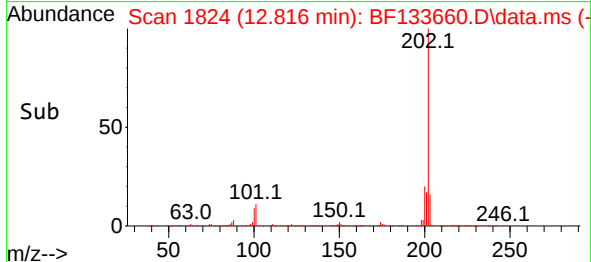
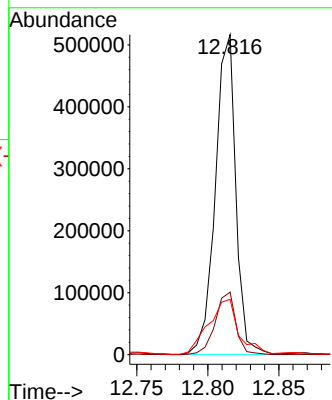
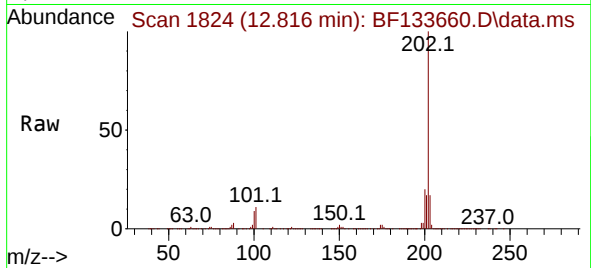




#78  
 Pyrene  
 Concen: 38.700 ng  
 RT: 12.816 min Scan# 1823  
 Delta R.T. 0.000 min  
 Lab File: BF133660.D  
 Acq: 09 Jun 2023 02:02

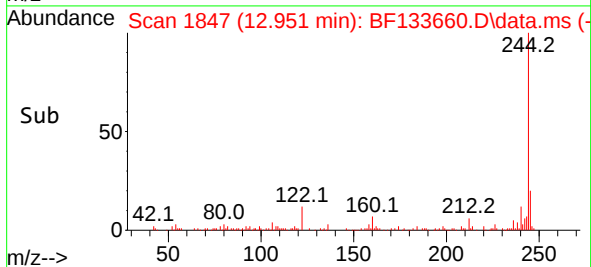
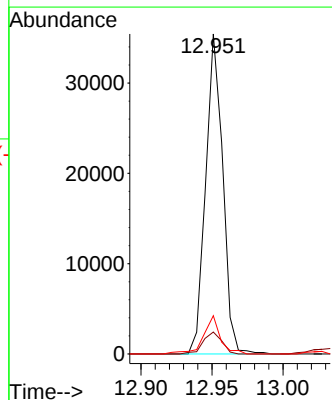
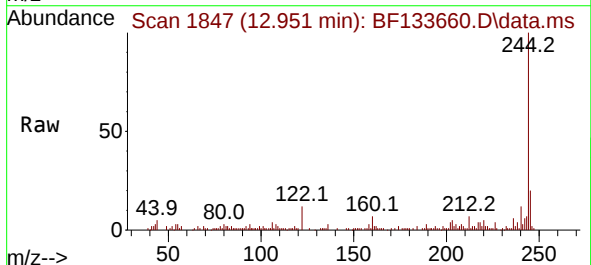
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC02DL2

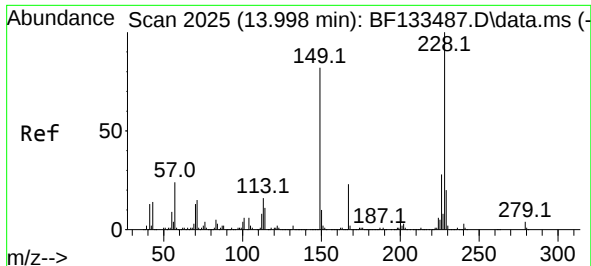
Tgt Ion:202 Resp: 515153  
 Ion Ratio Lower Upper  
 202 100  
 200 19.6 16.3 24.5  
 203 17.3 14.3 21.5



#79  
 Terphenyl-d14  
 Concen: 3.374 ng  
 RT: 12.951 min Scan# 1847  
 Delta R.T. -0.006 min  
 Lab File: BF133660.D  
 Acq: 09 Jun 2023 02:02

Tgt Ion:244 Resp: 29687  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.8 8.6  
 122 12.0 8.5 12.7

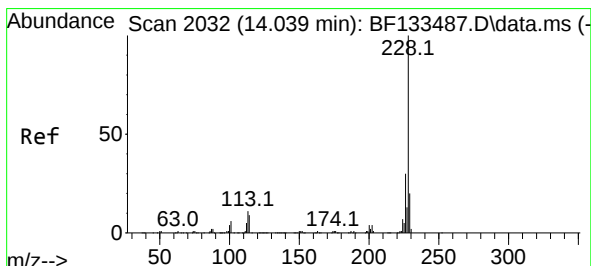
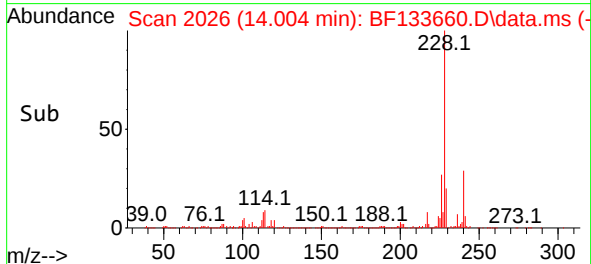
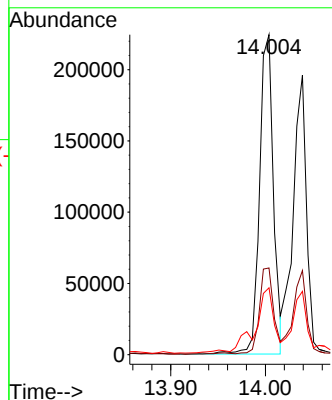
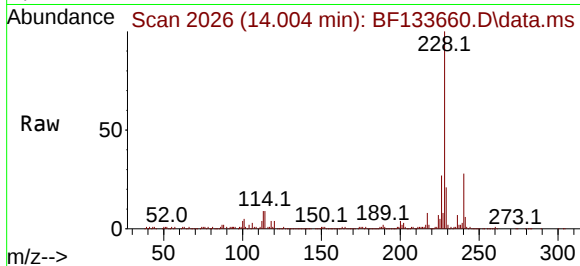




#81  
Benzo(a)anthracene  
Concen: 21.953 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

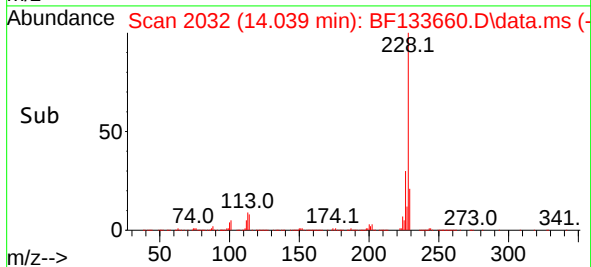
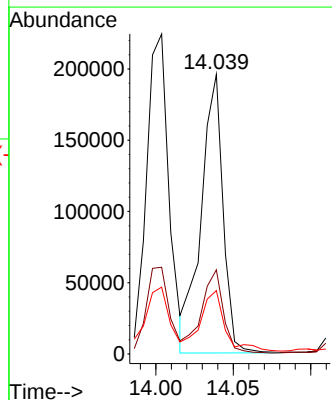
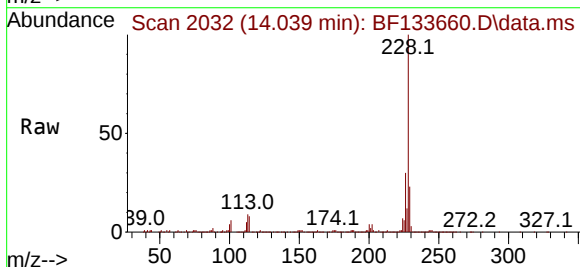
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL2

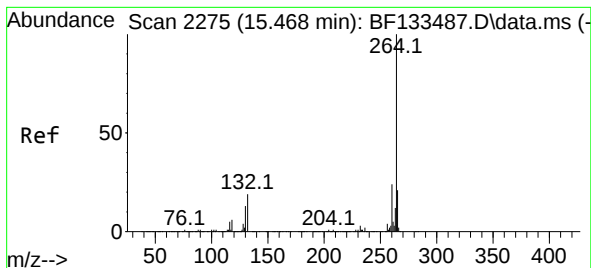
Tgt Ion:228 Resp: 228764  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.3 33.5  
229 20.9 16.1 24.1



#83  
Chrysene  
Concen: 18.322 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF133660.D  
Acq: 09 Jun 2023 02:02

Tgt Ion:228 Resp: 192752  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.1 36.1  
229 22.6 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2

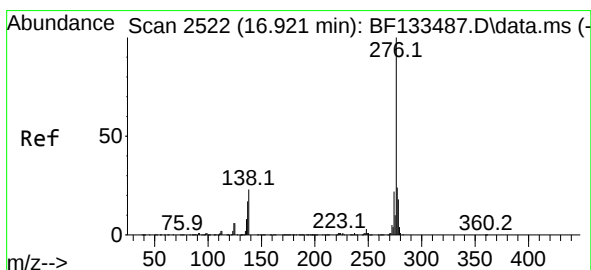
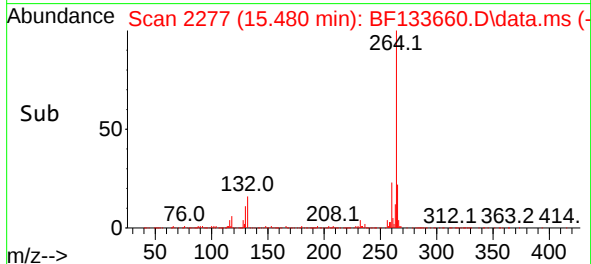
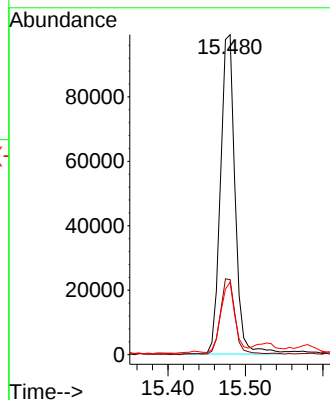
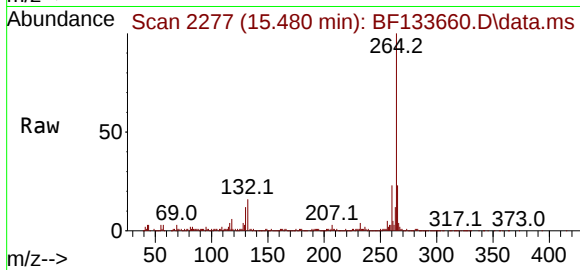
Tgt Ion:264 Resp: 130026

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.7 16.8 25.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.453 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.006 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

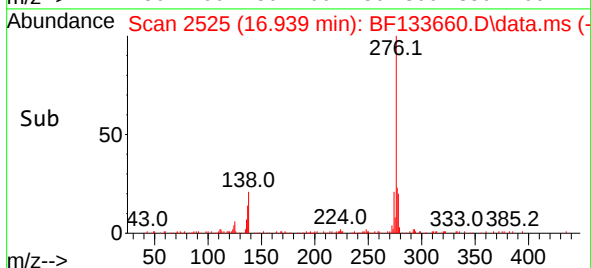
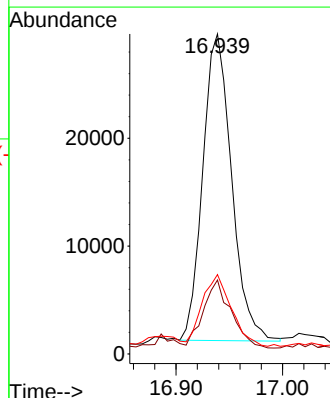
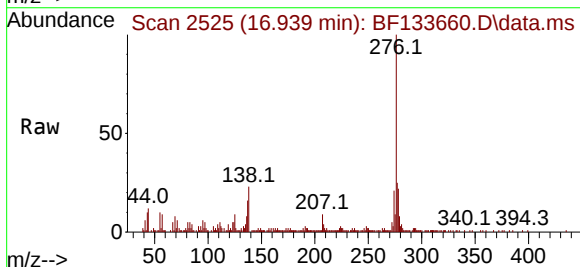
Tgt Ion:276 Resp: 53443

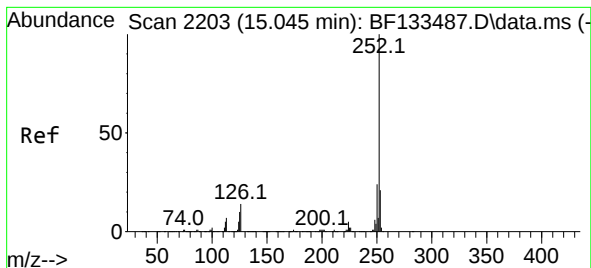
Ion Ratio Lower Upper

276 100

138 22.4 21.4 32.2

277 23.6 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 27.352 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2

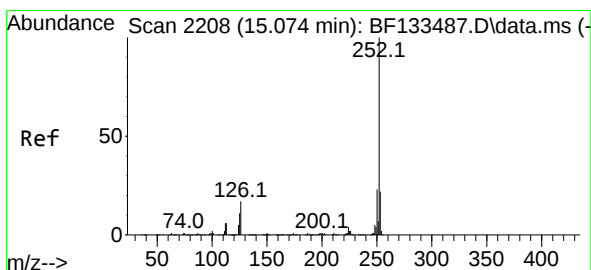
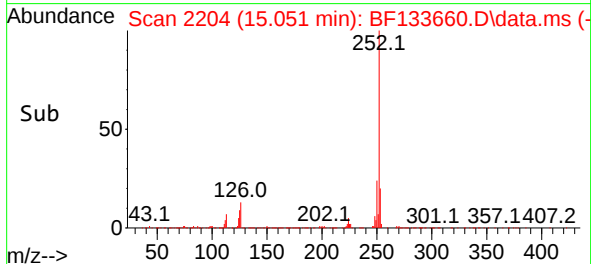
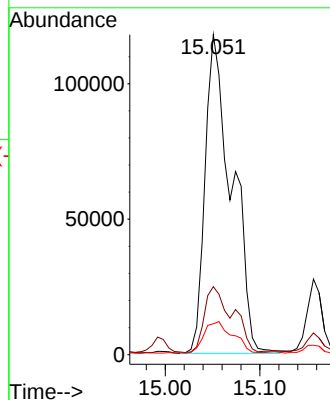
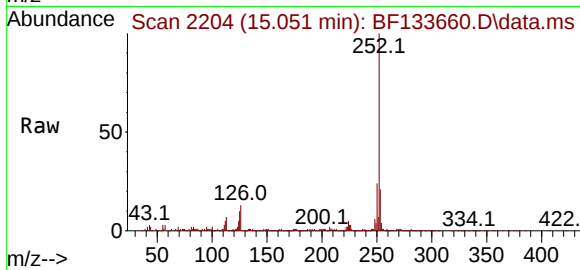
Tgt Ion:252 Resp: 231584

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 9.7 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 28.051 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.035 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

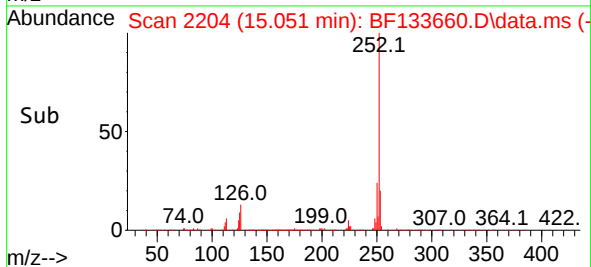
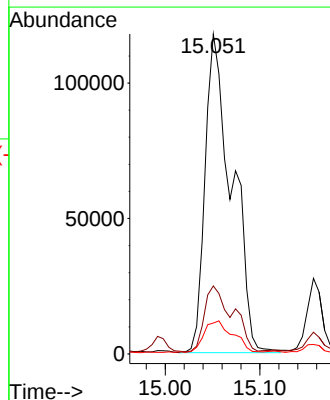
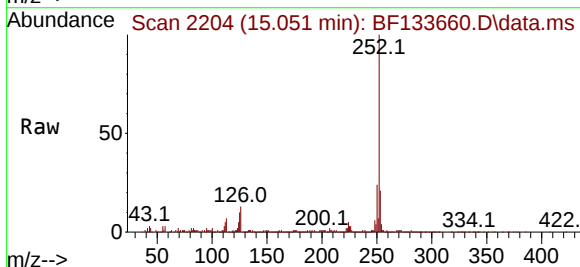
Tgt Ion:252 Resp: 231584

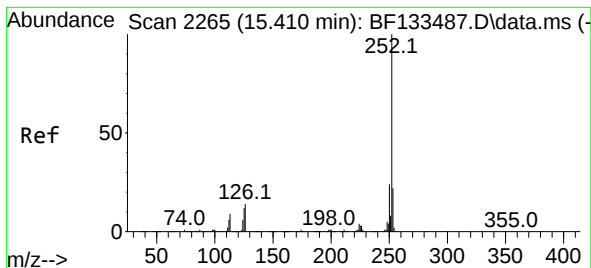
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 9.7 8.3 12.5





#90

Benzo(a)pyrene

Concen: 16.738 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2

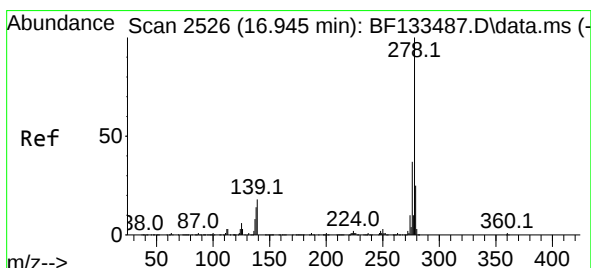
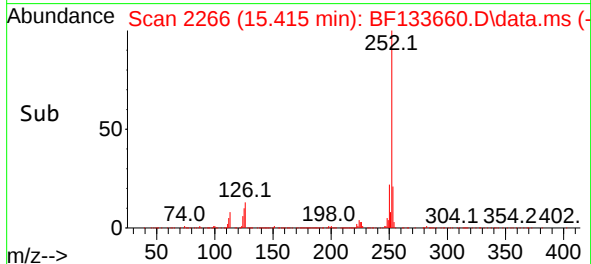
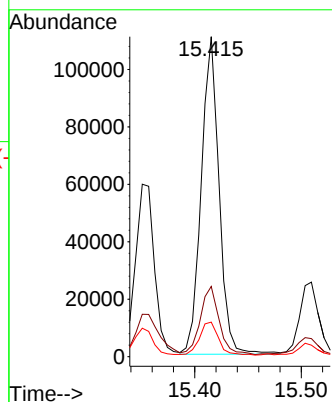
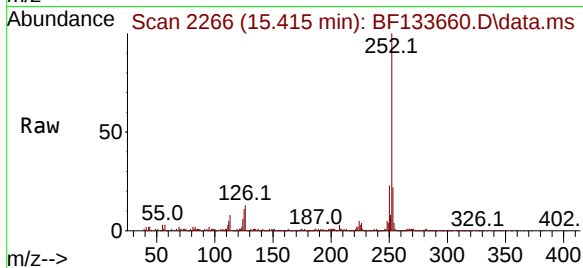
Tgt Ion:252 Resp: 128958

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.8 9.4 14.0



#91

Dibenzo(a,h)anthracene

Concen: 2.214 ng

RT: 17.121 min Scan# 2556

Delta R.T. 0.153 min

Lab File: BF133660.D

Acq: 09 Jun 2023 02:02

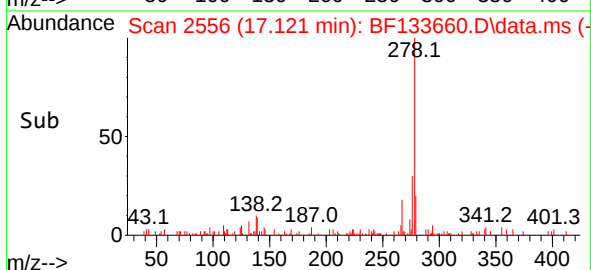
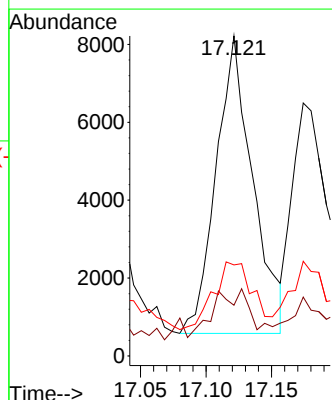
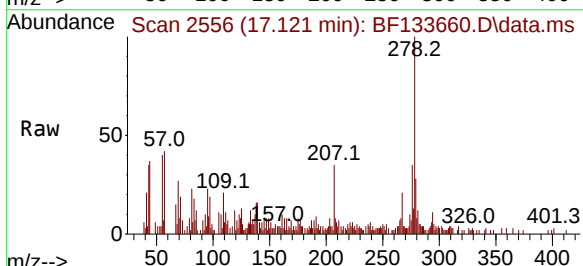
Tgt Ion:278 Resp: 14865

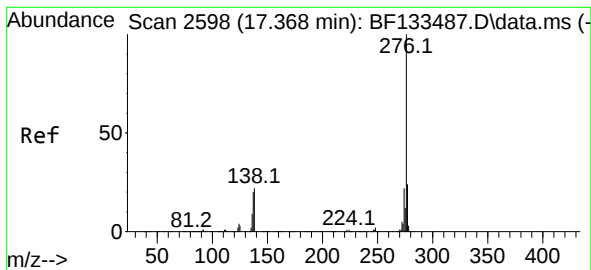
Ion Ratio Lower Upper

278 100

139 15.8 14.1 21.1

279 28.5 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 7.533 ng

RT: 17.380 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133660.D

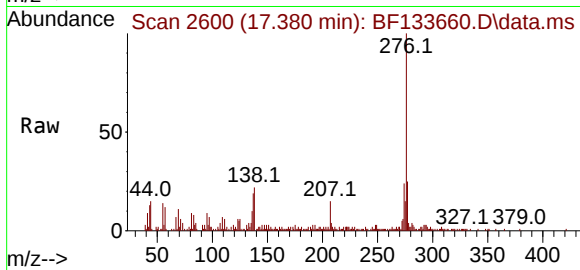
Acq: 09 Jun 2023 02:02

Instrument :

BNA\_F

ClientSampleId :

WC02DL2



Tgt Ion:276 Resp: 51005

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 21.8 17.8 26.6

