

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020524\  
 Data File : BF137288.D  
 Acq On : 05 Feb 2024 21:17  
 Operator : CG\JU  
 Sample : P1358-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 06 01:18:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 04:56:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.793  | 152  | 40470    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 144917   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.839  | 164  | 72406    | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 11.381 | 188  | 78769    | 20.000  | ng    | # 0.06   |
| 76) Chrysene-d12              | 13.998 | 240  | 77586    | 20.000  | ng    | # 0.02   |
| 86) Perylene-d12              | 15.463 | 264  | 80080    | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 256490   | 104.579 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 321790   | 91.937  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 195080   | 60.269  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 65303    | 79.860  | ng    | 0.03     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 317702   | 60.318  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.969 | 244  | 279949   | 49.052  | ng    | 0.05     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 55       | 6.096   | ng    | # 1      |
| 26) 2-Nitrophenol             | 7.692  | 139  | 60       | 2.497   | ng    | # 1      |
| 32) Benzoic acid              | 7.869  | 122  | 372      | 8.579   | ng    | # 36     |
| 35) Caprolactam               | 8.498  | 113  | 1525     | 2.315   | ng    | # 1      |
| 48) 2-Nitroaniline            | 9.387  | 65   | 3244     | 2.351   | ng    | # 45     |
| 49) Acenaphthylene            | 9.698  | 152  | 26156    | 3.832   | ng    | # 19     |
| 50) Dimethylphthalate         | 9.628  | 163  | 14558    | 2.976   | ng    | # 23     |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 16427    | 15.749  | ng    | # 26     |
| 53) 3-Nitroaniline            | 9.792  | 138  | 17273    | 18.401  | ng    | # 18     |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 339      | 12.174  | ng    | # 1      |
| 55) Dibenzofuran              | 10.051 | 168  | 16550    | 2.593   | ng    | # 1      |
| 56) 4-Nitrophenol             | 9.957  | 139  | 3034     | 11.517  | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 10.010 | 165  | 5216     | 3.854   | ng    | # 50     |
| 58) Fluorene                  | 10.404 | 166  | 22156    | 4.428   | ng    | # 39     |
| 60) Diethylphthalate          | 10.281 | 149  | 19777    | 4.106   | ng    | # 14     |
| 62) 4-Nitroaniline            | 10.416 | 138  | 2470     | 2.749   | ng    | # 27     |
| 65) 4,6-Dinitro-2-methylph... | 10.475 | 198  | 2148     | 10.018  | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 7045     | 2.941   | ng    | # 41     |
| 69) Atrazine                  | 11.098 | 200  | 12815    | 16.208  | ng    | # 1      |
| 71) Phenanthrene              | 11.404 | 178  | 130624   | 31.677  | ng    | # 64     |
| 72) Anthracene                | 11.457 | 178  | 29419    | 6.845   | ng    | # 13     |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 54149    | 13.946  | ng    | # 38     |
| 75) Fluoranthene              | 12.610 | 202  | 189607   | 43.941  | ng    | # 87     |
| 77) Benzidine                 | 12.692 | 184  | 4680     | 3.369   | ng    | # 1      |
| 78) Pyrene                    | 12.833 | 202  | 180675   | 24.232  | ng    | # 89     |
| 81) Benzo(a)anthracene        | 13.986 | 228  | 89823    | 16.347  | ng    | # 93     |
| 83) Chrysene                  | 13.986 | 228  | 89823    | 16.628  | ng    | # 96     |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 5200     | 2.343   | ng    | # 59     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 33383    | 5.934   | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 120182   | 24.403  | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.033 | 252  | 120182   | 23.068  | ng    | # 93     |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 65528    | 14.139  | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 16.968 | 278  | 9026     | 2.002   | ng    | # 91     |
| 92) Benzo(g,h,i)perylene      | 17.410 | 276  | 31370    | 7.090   | ng    | # 97     |
| -----                         |        |      |          |         |       |          |

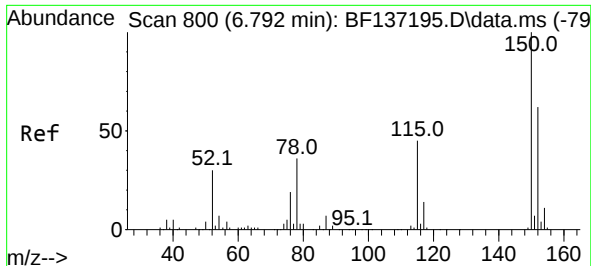
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020524\  
Data File : BF137288.D  
Acq On : 05 Feb 2024 21:17  
Operator : CG\JU  
Sample : P1358-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Time: Feb 06 01:18:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 31 04:56:22 2024  
Response via : Initial Calibration

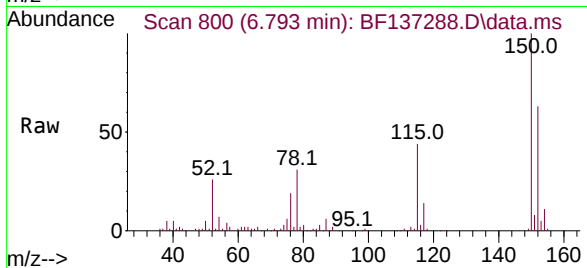
| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |



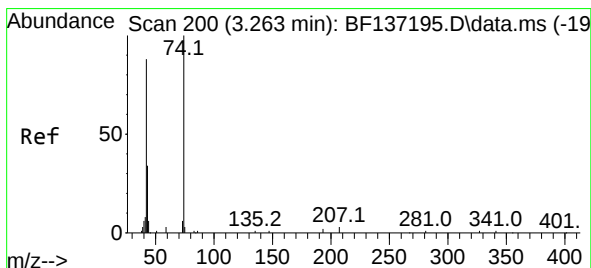
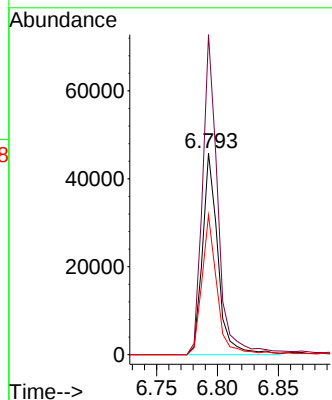
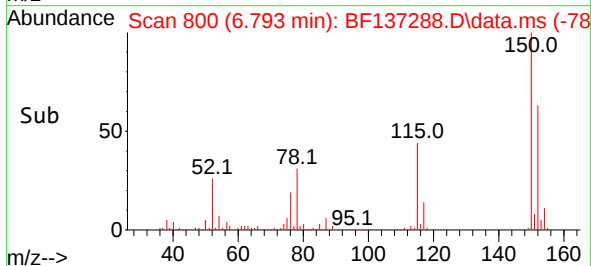


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.793 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

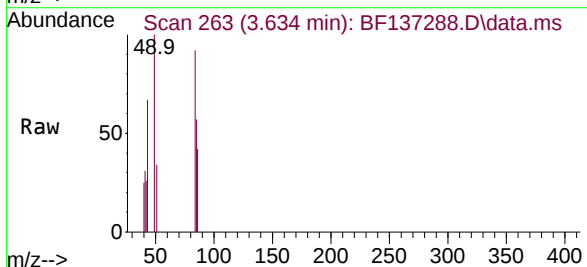
Instrument :  
BNA\_F  
ClientSampleId :



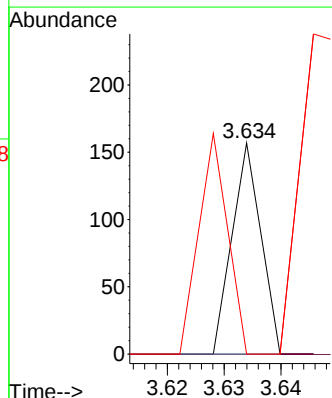
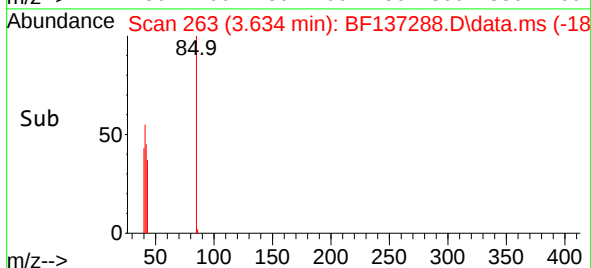
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Ion Ratio Lower Upper  
152 100  
150 158.8 129.8 194.8  
115 69.3 58.5 87.7

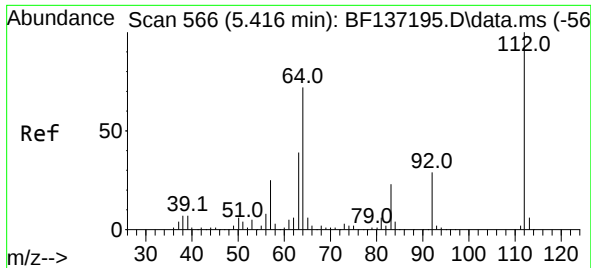


#4  
n-Nitrosodimethylamine  
Concen: 6.096 ng  
RT: 3.634 min Scan# 263  
Delta R.T. 0.371 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17



Tgt Ion: 42 Resp: 55  
Ion Ratio Lower Upper  
42 100  
74 0.0 90.5 135.7#  
44 0.0 6.1 9.1#

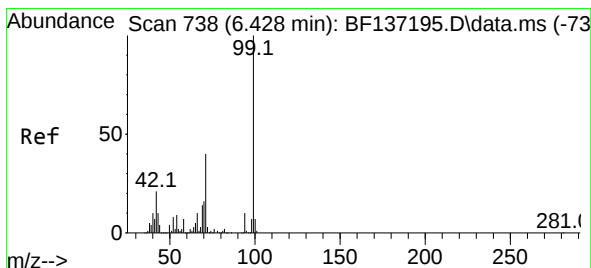
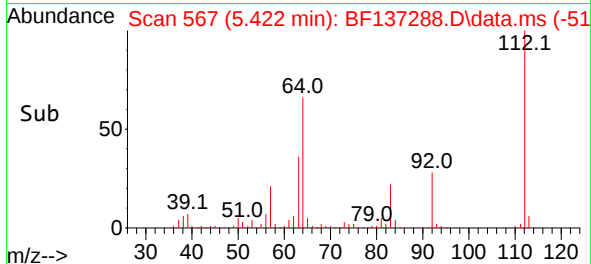
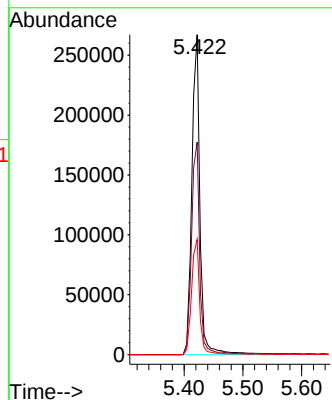
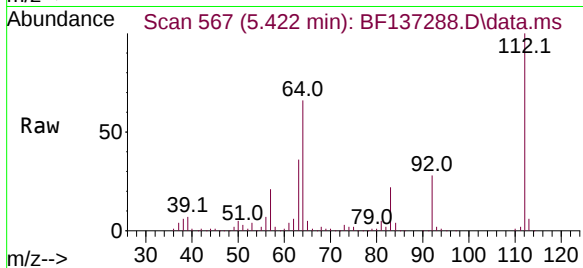




#5  
2-Fluorophenol  
Concen: 104.579 ng  
RT: 5.422 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

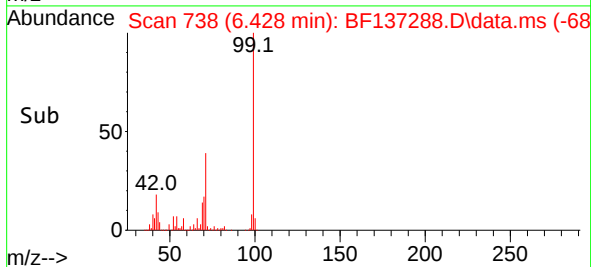
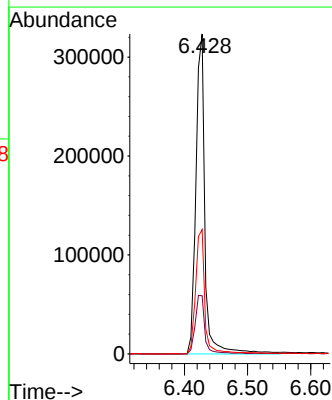
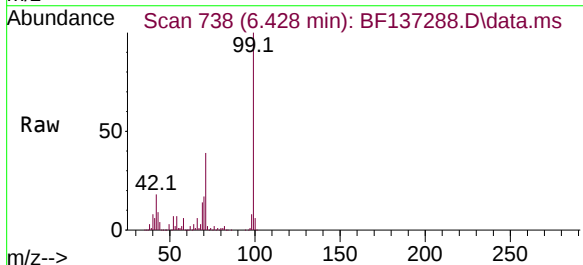
Instrument :  
BNA\_F  
ClientSampleId :

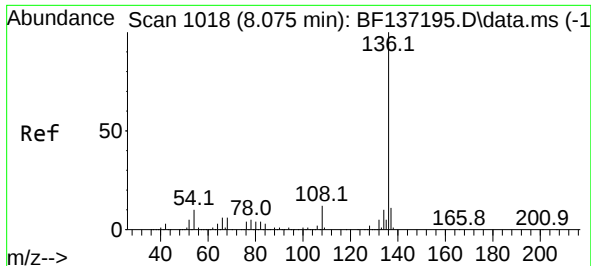
Tgt Ion:112 Resp: 256490  
Ion Ratio Lower Upper  
112 100  
64 66.4 57.8 86.6  
63 36.0 31.4 47.0



#7  
Phenol-d6  
Concen: 91.937 ng  
RT: 6.428 min Scan# 738  
Delta R.T. 0.000 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

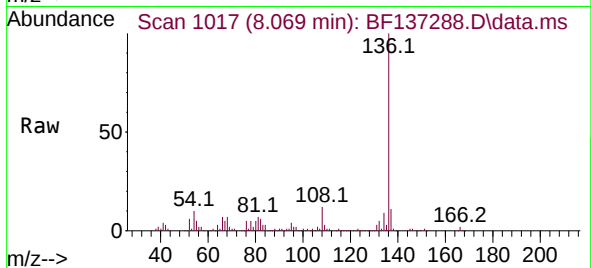
Tgt Ion: 99 Resp: 321790  
Ion Ratio Lower Upper  
99 100  
42 18.2 16.4 24.6  
71 38.9 32.4 48.6



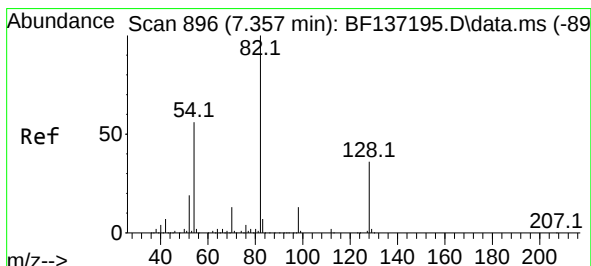
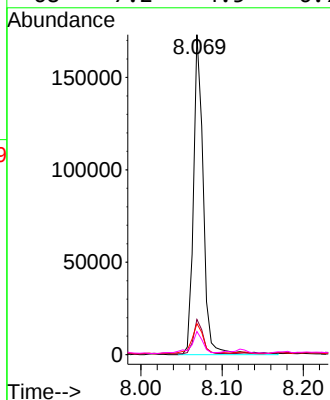
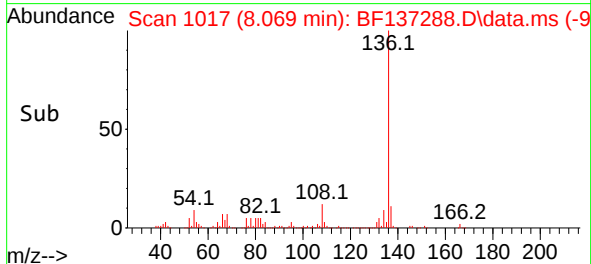


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

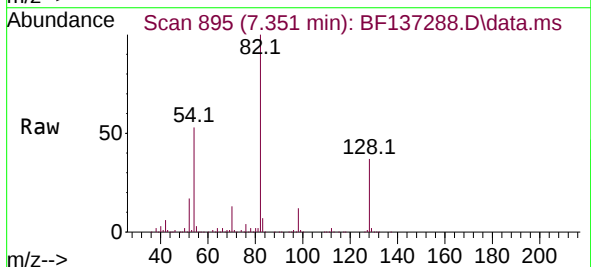
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BNA\_F  
ClientSampleId :



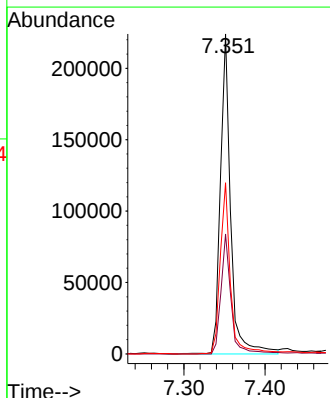
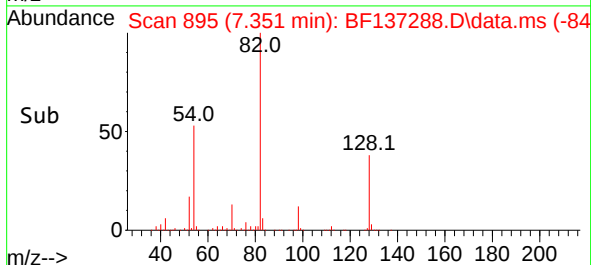
Tgt Ion:136 Resp: 144917  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 9.7 7.8 11.8  
68 7.2 4.5 6.7#

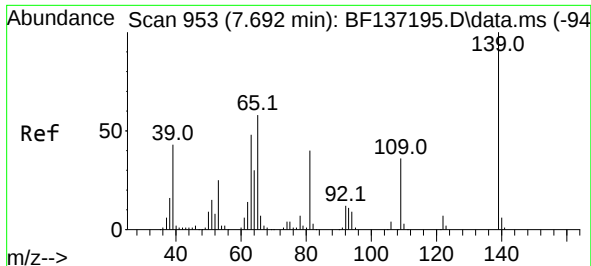


#23  
Nitrobenzene-d5  
Concen: 60.269 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17



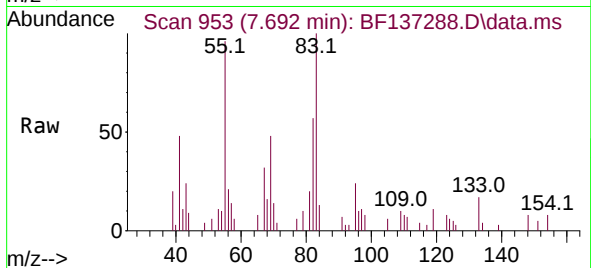
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Ion Ratio Lower Upper  
82 100  
128 37.5 29.1 43.7  
54 53.5 45.0 67.6



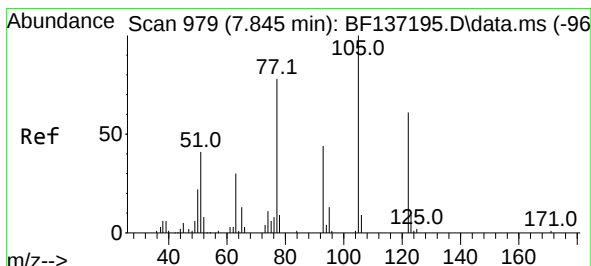
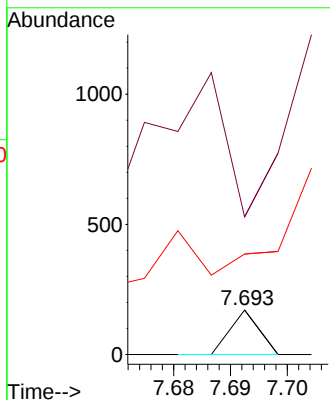
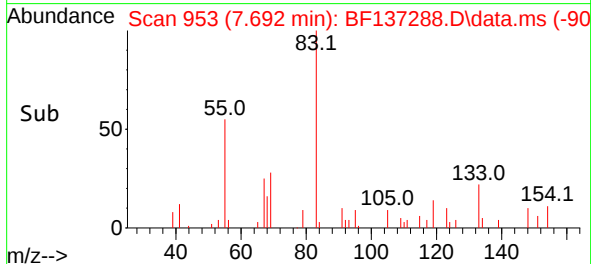


#26  
2-Nitrophenol  
Concen: 2.497 ng  
RT: 7.692 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

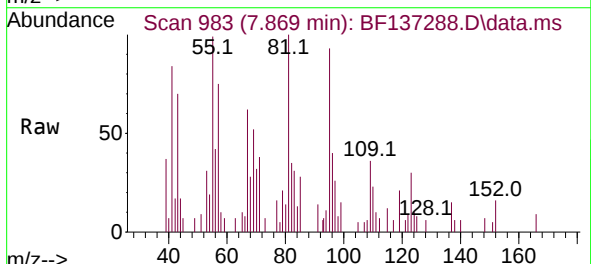
Instrument :  
BNA\_F  
ClientSampleId :



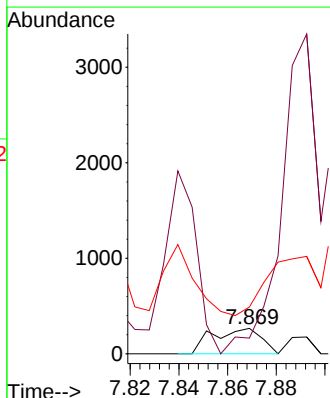
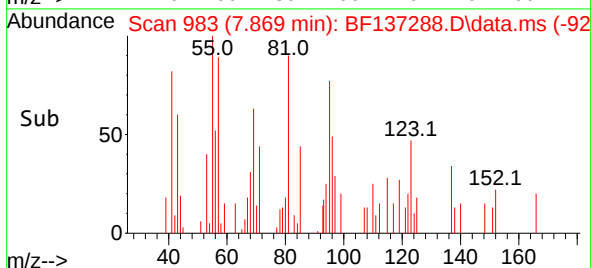
Tgt Ion:139 Resp: 60  
Ion Ratio Lower Upper  
139 100  
109 309.4 28.5 42.7#  
65 225.7 46.7 70.1#

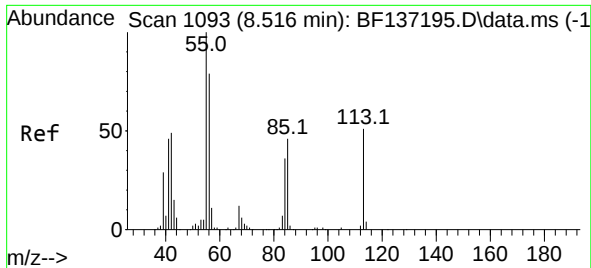


#32  
Benzoic acid  
Concen: 8.579 ng  
RT: 7.869 min Scan# 983  
Delta R.T. 0.024 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17



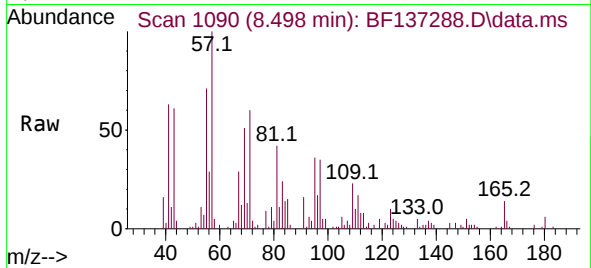
Tgt Ion:122 Resp: 372  
Ion Ratio Lower Upper  
122 100  
105 61.4 122.5 162.5#  
77 183.1 96.4 136.4#



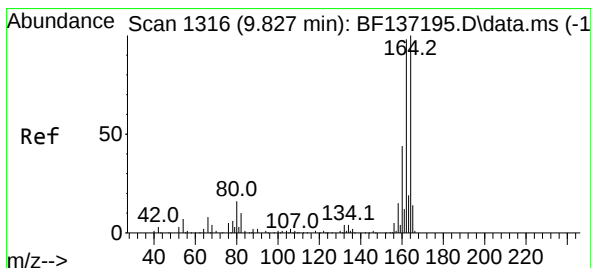
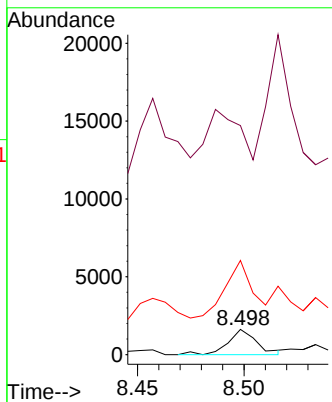
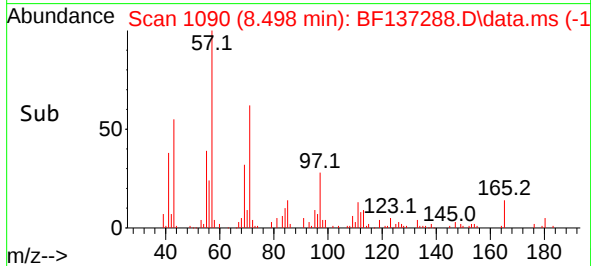


#35  
Caprolactam  
Concen: 2.315 ng  
RT: 8.498 min Scan# 1090  
Delta R.T. -0.017 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Instrument :  
BNA\_F  
ClientSampleId :

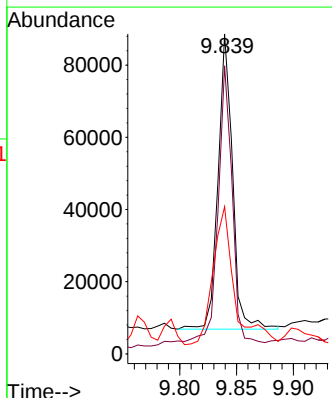
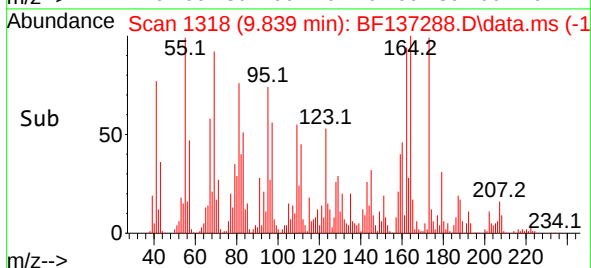
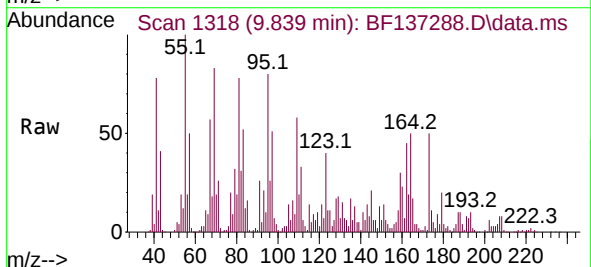


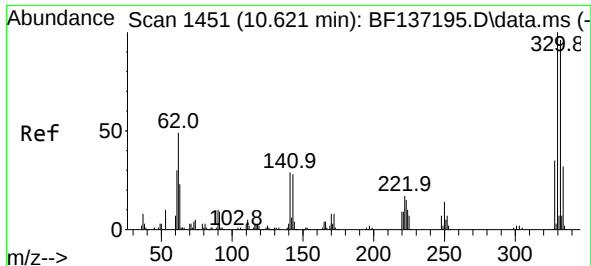
Tgt Ion:113 Resp: 1525  
Ion Ratio Lower Upper  
113 100  
55 908.4 176.0 216.0#  
56 373.7 134.0 174.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. 0.012 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Tgt Ion:164 Resp: 72406  
Ion Ratio Lower Upper  
164 100  
162 90.0 78.3 117.5  
160 46.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 79.860 ng

RT: 10.651 min Scan# 1451

Delta R.T. 0.030 min

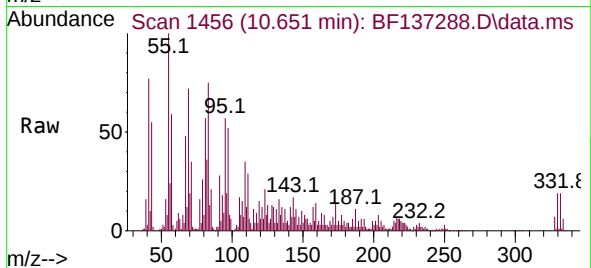
Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :



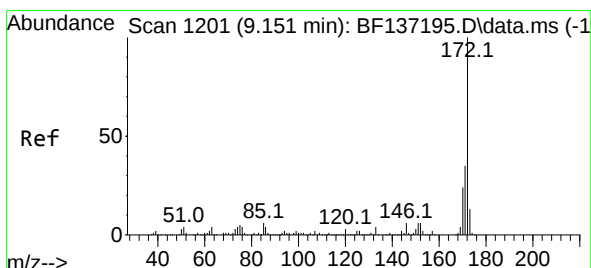
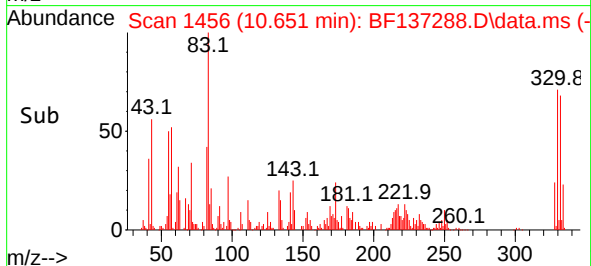
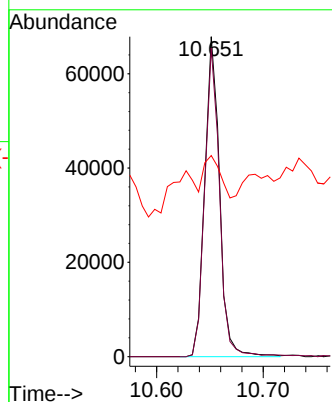
Tgt Ion:330 Resp: 65303

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 14.2 25.2 37.8#



#45

2-Fluorobiphenyl

Concen: 60.318 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

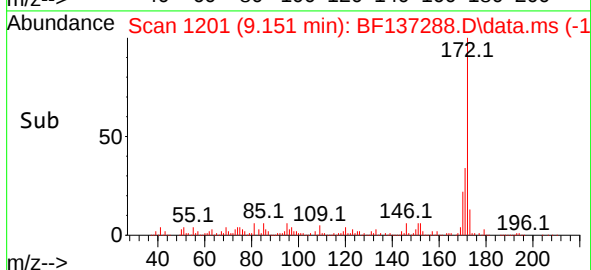
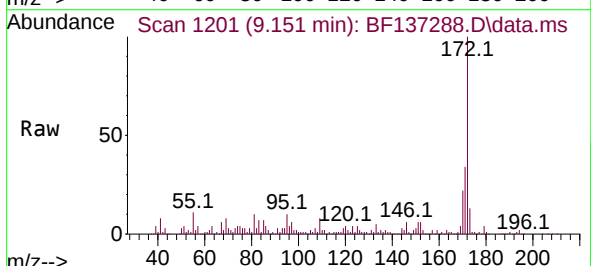
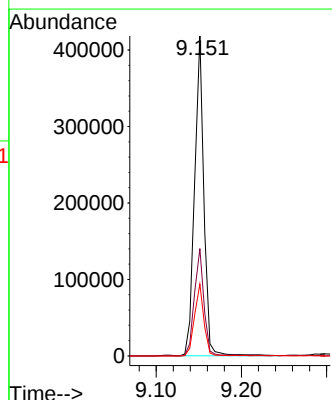
Tgt Ion:172 Resp: 317702

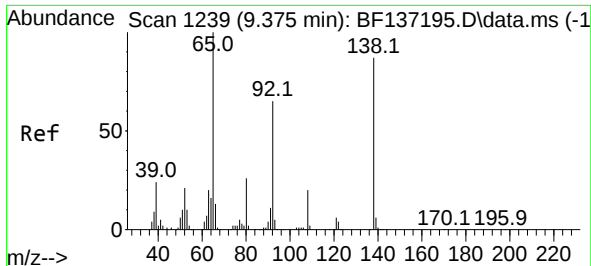
Ion Ratio Lower Upper

172 100

171 33.5 28.3 42.5

170 22.4 19.1 28.7





#48

2-Nitroaniline

Concen: 2.351 ng

RT: 9.387 min Scan# 1241

Delta R.T. 0.012 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

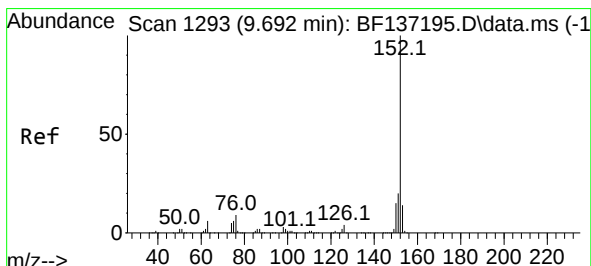
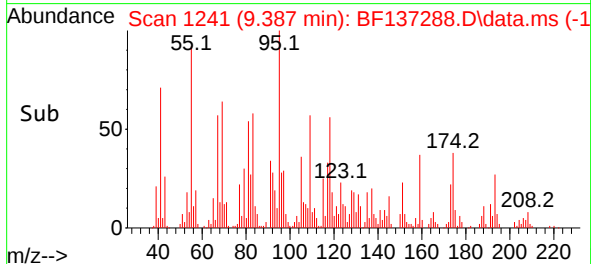
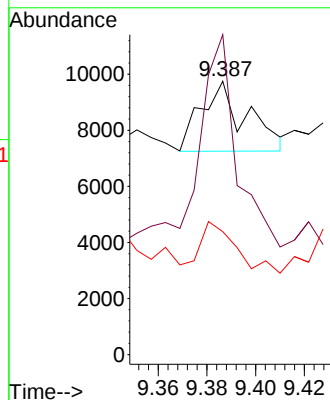
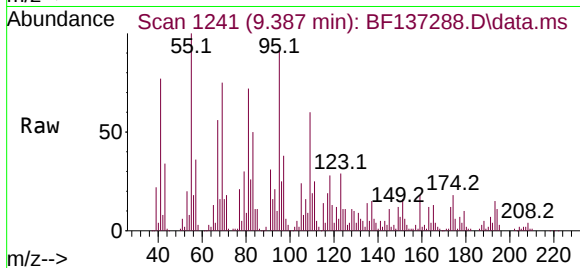
Tgt Ion: 65 Resp: 3244

Ion Ratio Lower Upper

65 100

92 117.0 51.7 77.5#

138 45.0 69.7 104.5#



#49

Acenaphthylene

Concen: 3.832 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.006 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

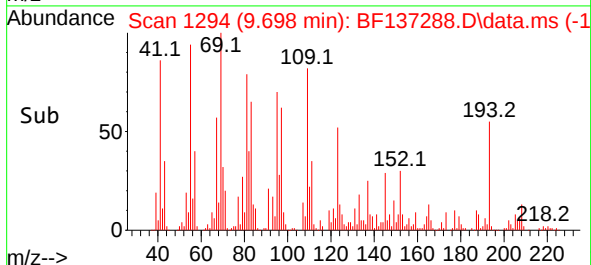
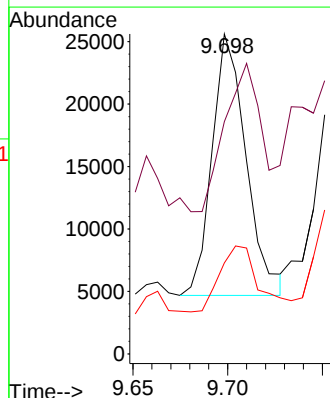
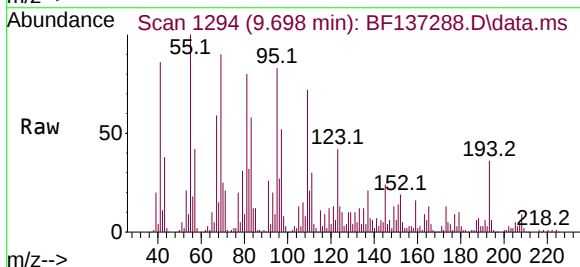
Tgt Ion: 152 Resp: 26156

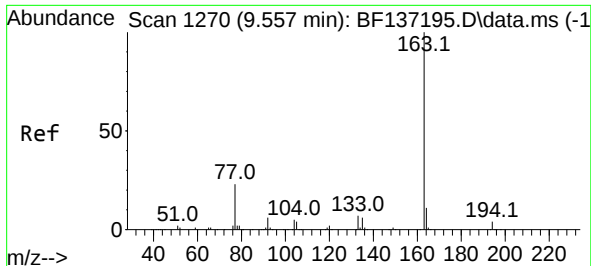
Ion Ratio Lower Upper

152 100

151 72.6 16.3 24.5#

153 28.4 11.2 16.8#

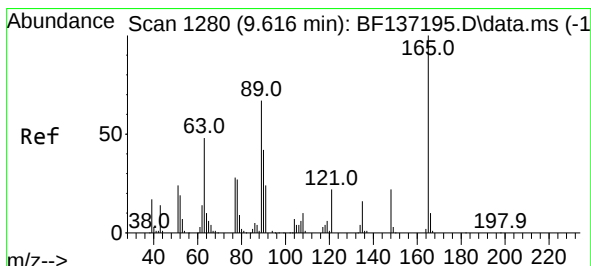
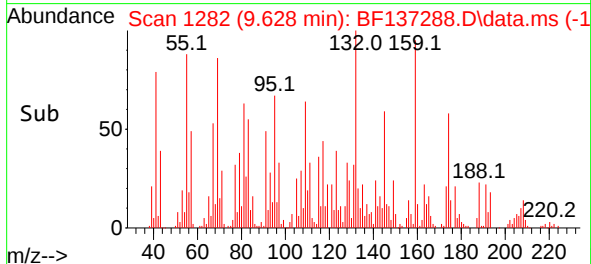
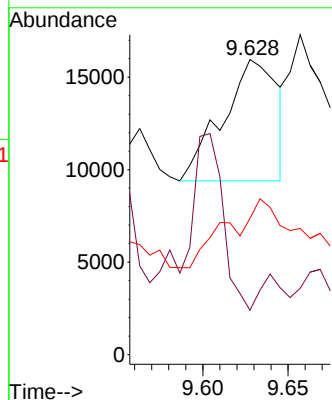
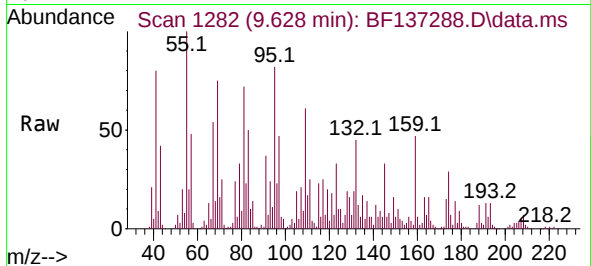




#50  
Dimethylphthalate  
Concen: 2.976 ng  
RT: 9.628 min Scan# 11  
Delta R.T. 0.071 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

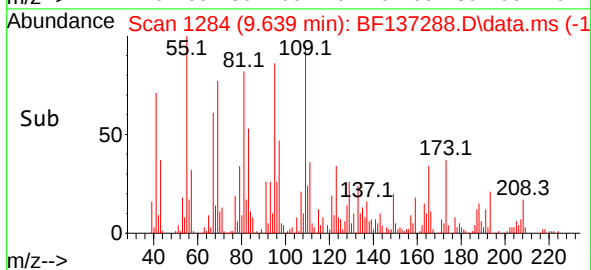
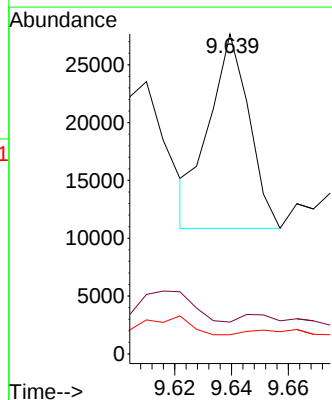
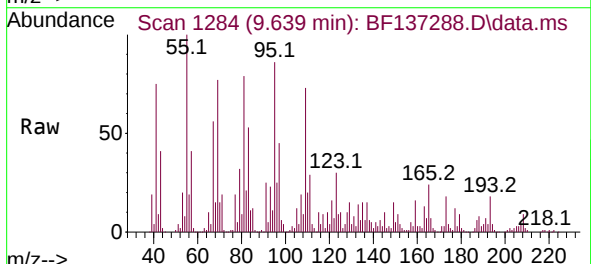
Instrument :  
BNA\_F  
ClientSampleId :

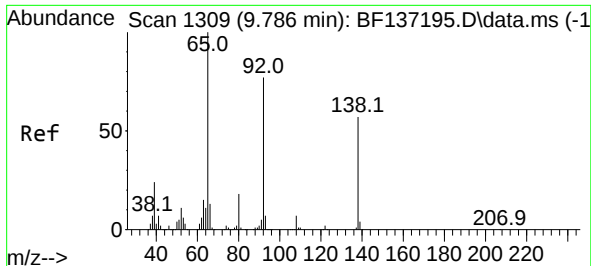
Tgt Ion:163 Resp: 14558  
Ion Ratio Lower Upper  
163 100  
194 15.0 3.3 4.9#  
164 46.2 8.6 13.0#



#51  
2,6-Dinitrotoluene  
Concen: 15.749 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. 0.024 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Tgt Ion:165 Resp: 16427  
Ion Ratio Lower Upper  
165 100  
63 9.9 55.1 82.7#  
89 6.0 53.5 80.3#





#53

3-Nitroaniline

Concen: 18.401 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.006 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

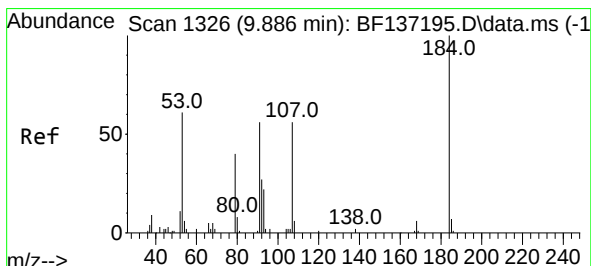
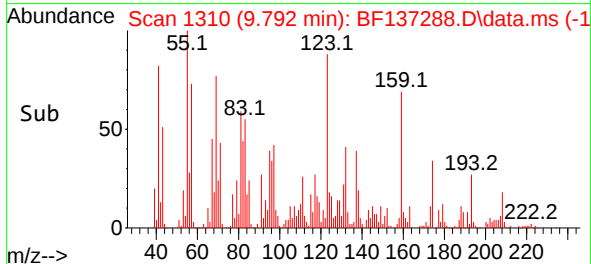
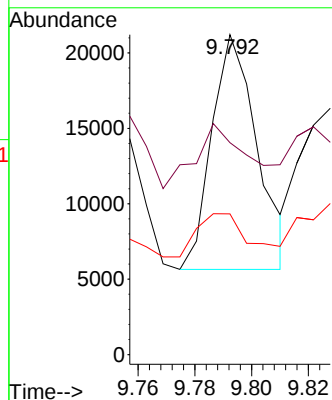
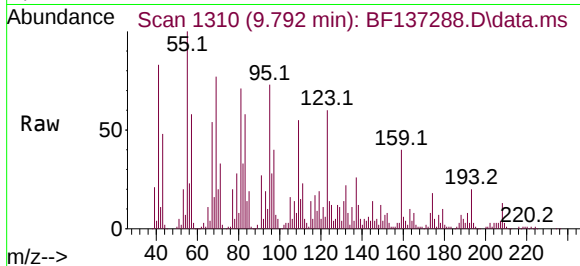
Tgt Ion:138 Resp: 17273

Ion Ratio Lower Upper

138 100

108 66.2 10.4 15.6#

92 44.0 108.6 162.8#



#54

2,4-Dinitrophenol

Concen: 12.174 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

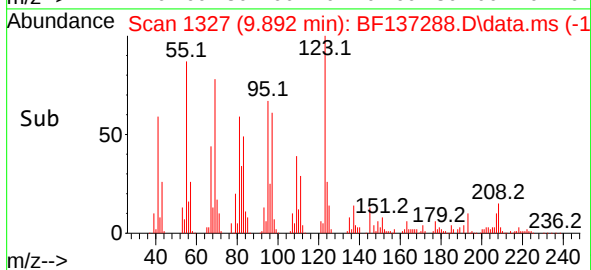
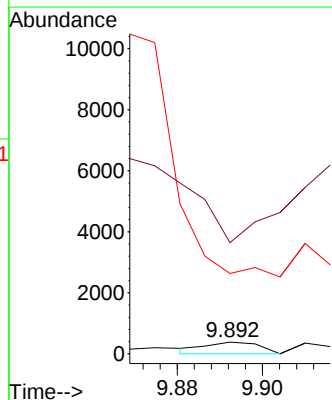
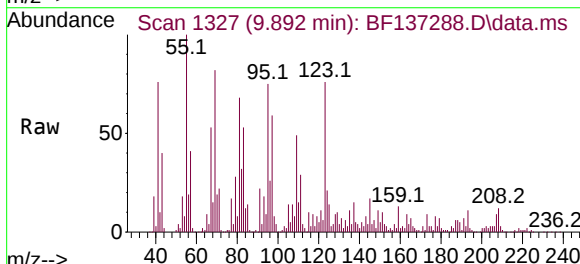
Tgt Ion:184 Resp: 339

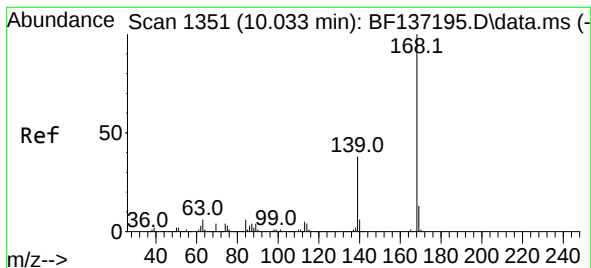
Ion Ratio Lower Upper

184 100

63 949.7 71.2 106.8#

154 686.2 64.9 97.3#





#55

Dibenzenofuran

Concen: 2.593 ng

RT: 10.051 min Scan# 1351

Delta R.T. 0.018 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

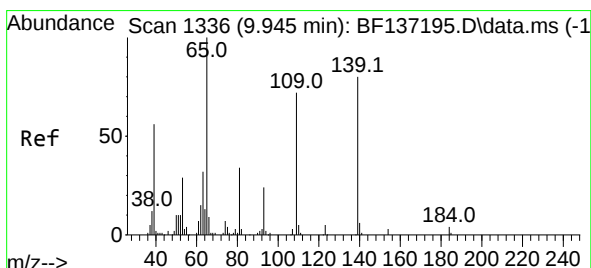
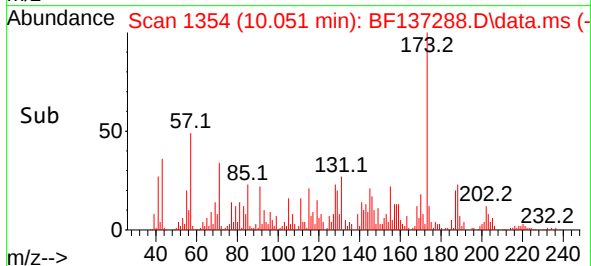
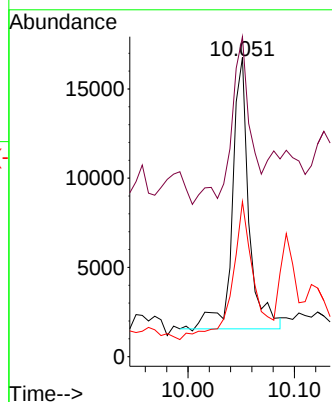
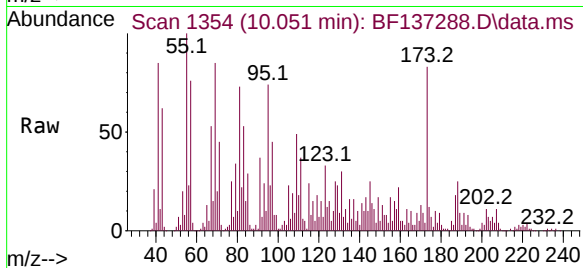
Tgt Ion:168 Resp: 16550

Ion Ratio Lower Upper

168 100

139 107.0 31.1 46.7#

169 51.8 10.6 16.0#



#56

4-Nitrophenol

Concen: 11.517 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

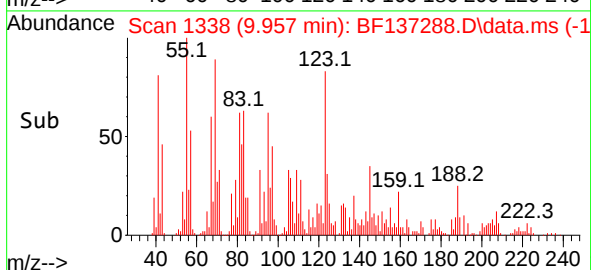
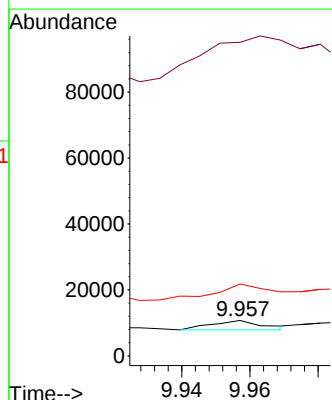
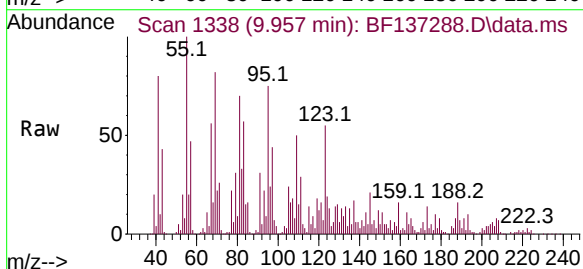
Tgt Ion:139 Resp: 3034

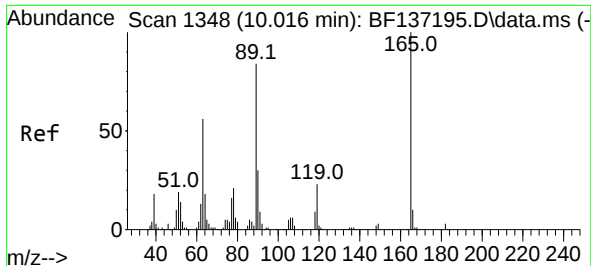
Ion Ratio Lower Upper

139 100

109 885.8 70.4 110.4#

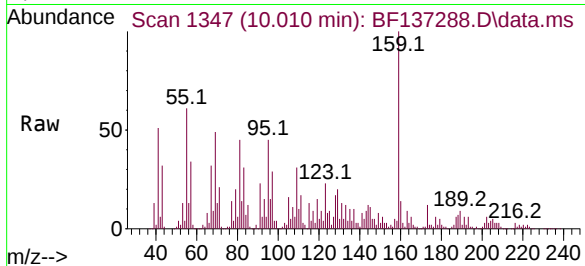
65 203.0 107.6 147.6#



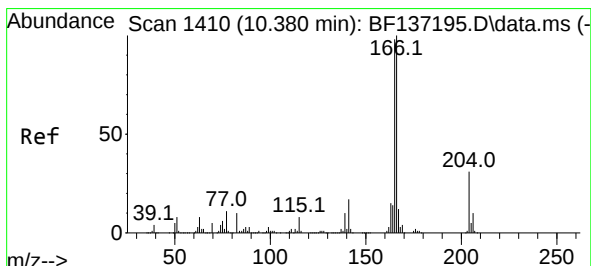
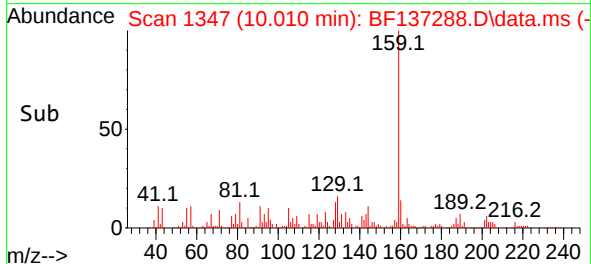
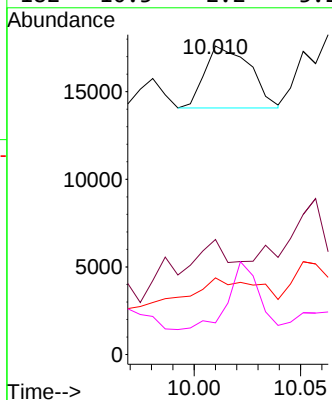


#57  
2,4-Dinitrotoluene  
Concen: 3.854 ng  
RT: 10.010 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Instrument :  
BNA\_F  
ClientSampleId :

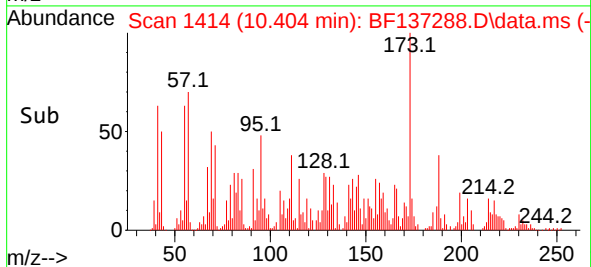
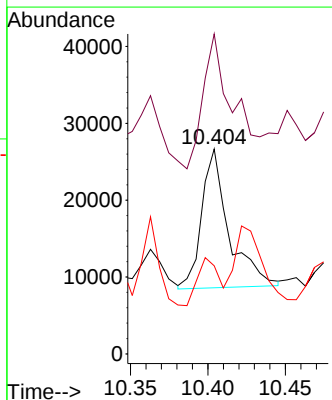
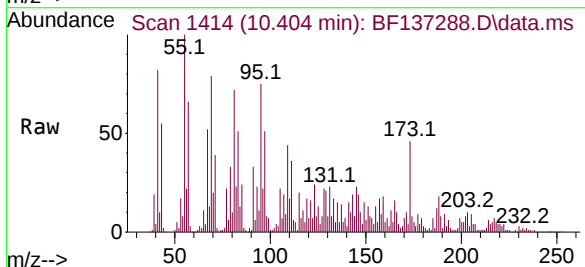


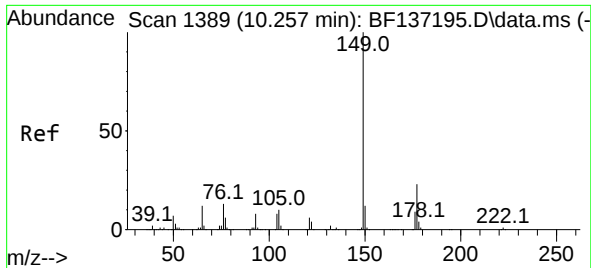
Tgt Ion:165 Resp: 5216  
Ion Ratio Lower Upper  
165 100  
63 37.3 46.1 69.1#  
89 24.9 67.5 101.3#  
182 10.3 2.2 3.2#



#58  
Fluorene  
Concen: 4.428 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. 0.024 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Tgt Ion:166 Resp: 22156  
Ion Ratio Lower Upper  
166 100  
165 156.2 78.5 117.7#  
167 43.0 10.0 15.0#

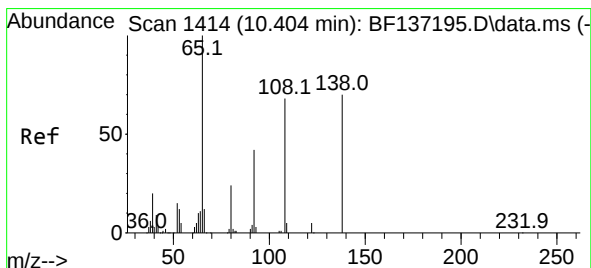
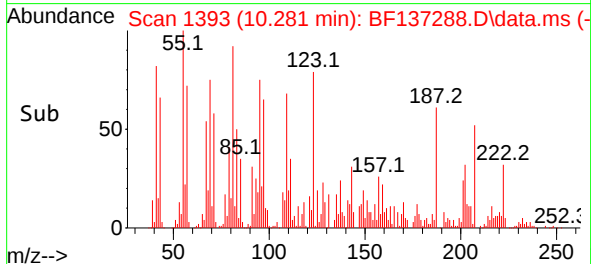
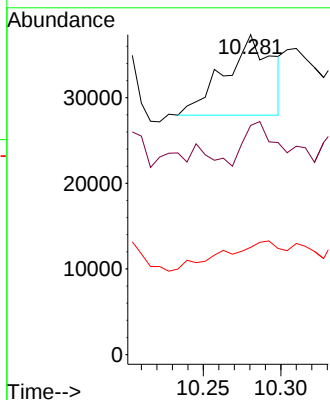
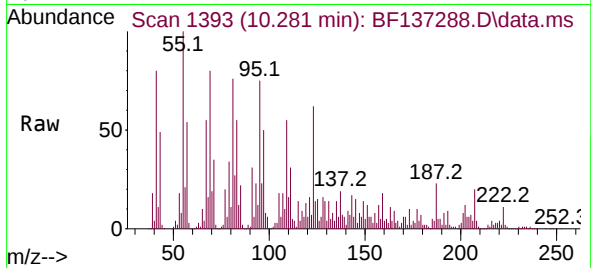




#60  
Diethylphthalate  
Concen: 4.106 ng  
RT: 10.281 min Scan# 1389  
Delta R.T. 0.024 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

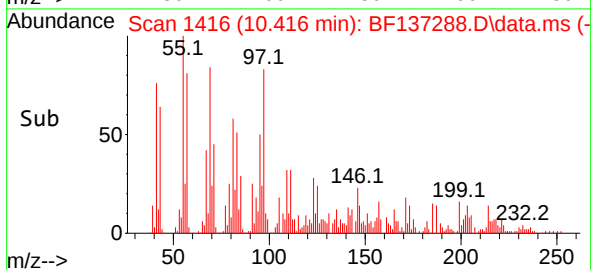
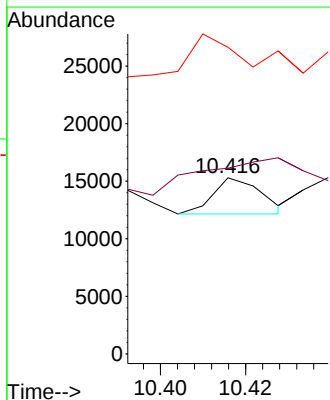
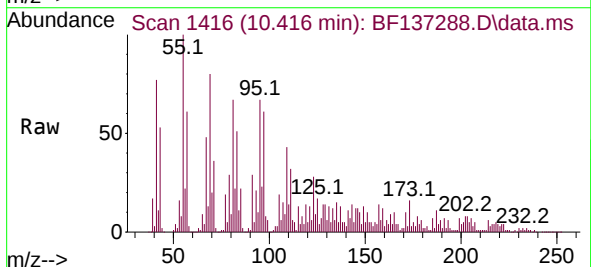
Instrument :  
BNA\_F  
ClientSampleId :

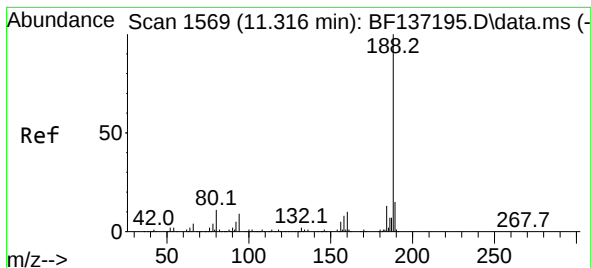
Tgt Ion:149 Resp: 19777  
Ion Ratio Lower Upper  
149 100  
177 71.6 18.0 27.0#  
150 33.5 9.6 14.4#



#62  
4-Nitroaniline  
Concen: 2.749 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.012 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Tgt Ion:138 Resp: 2470  
Ion Ratio Lower Upper  
138 100  
92 105.4 39.3 79.3#  
108 174.2 75.3 115.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 11

Delta R.T. 0.064 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

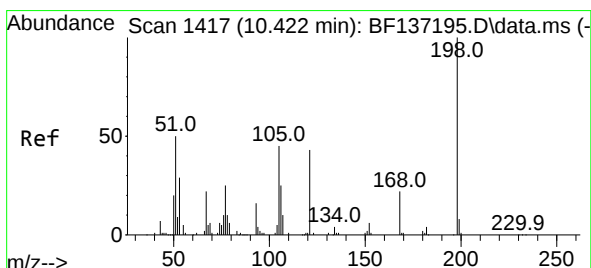
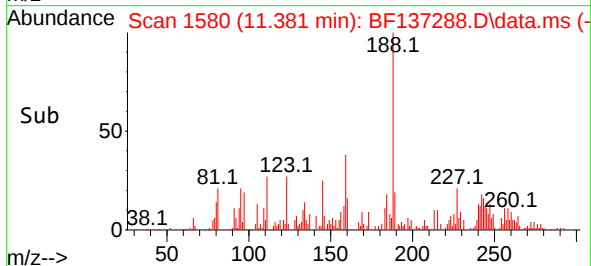
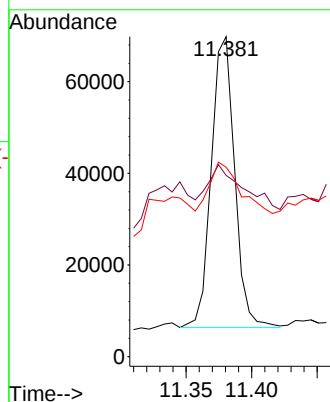
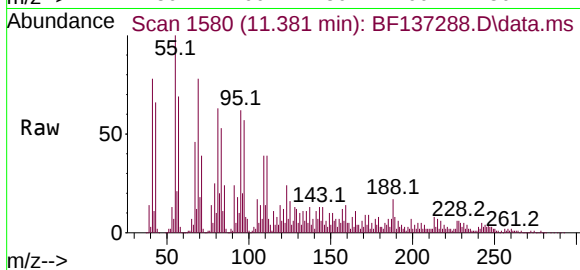
Tgt Ion:188 Resp: 78769

Ion Ratio Lower Upper

188 100

94 56.6 7.0 10.4#

80 59.2 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 10.018 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.053 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

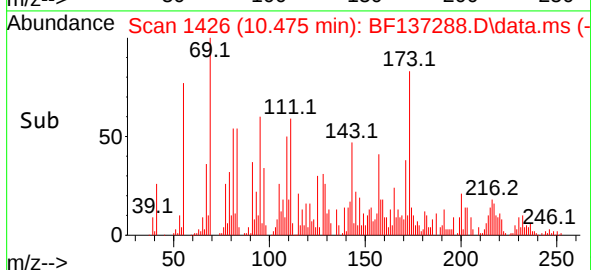
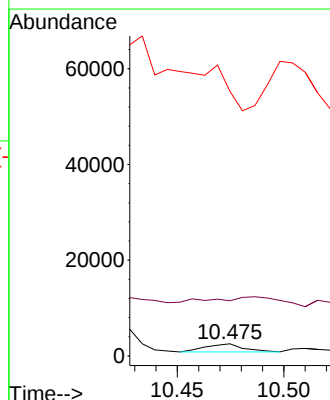
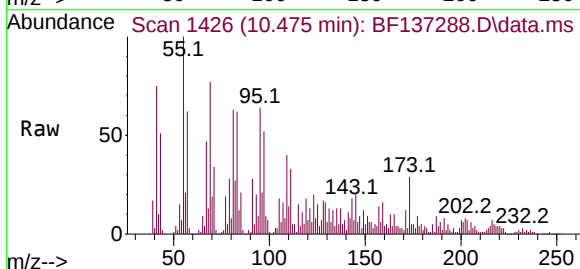
Tgt Ion:198 Resp: 2148

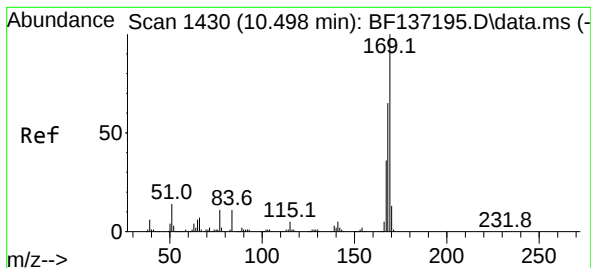
Ion Ratio Lower Upper

198 100

51 458.3 40.9 80.9#

105 2200.4 26.5 66.5#





#66

n-Nitrosodiphenylamine

Concen: 2.941 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.071 min

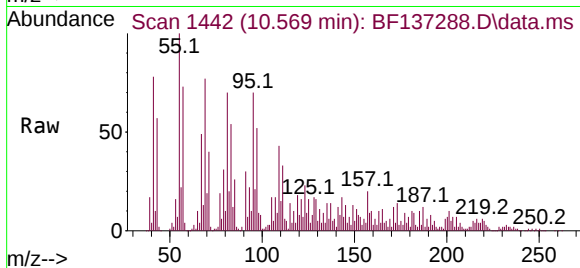
Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :



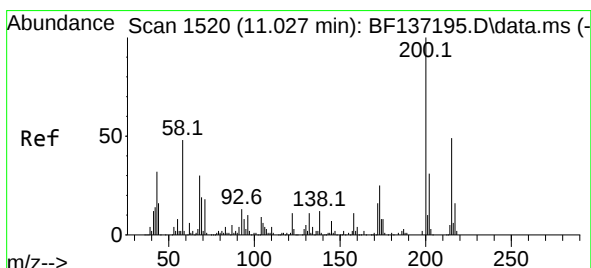
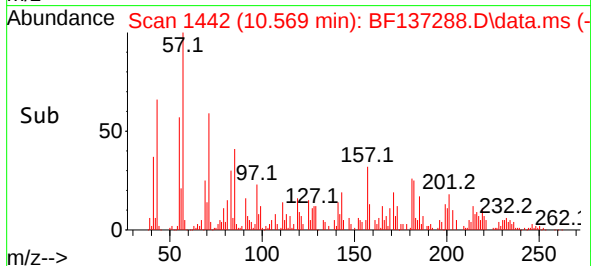
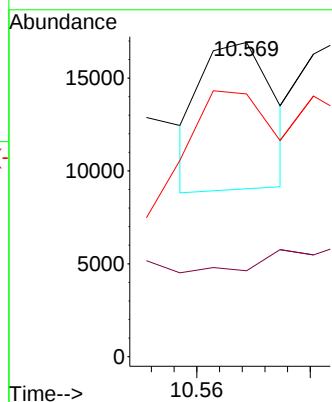
Tgt Ion:169 Resp: 7045

Ion Ratio Lower Upper

169 100

168 27.3 51.9 77.9#

167 83.6 29.0 43.6#



#69

Atrazine

Concen: 16.208 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.071 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

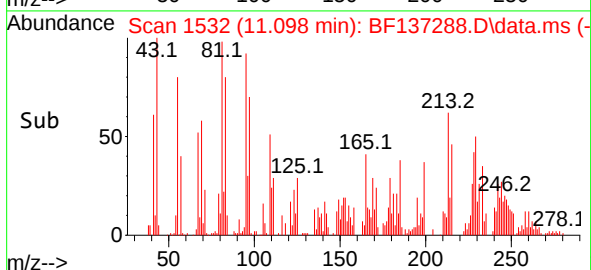
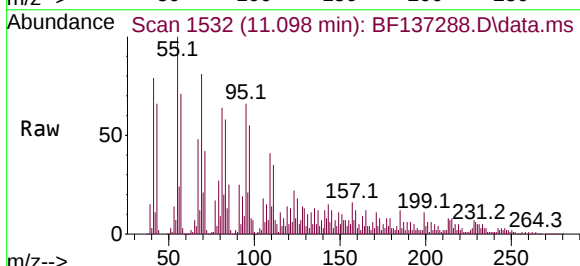
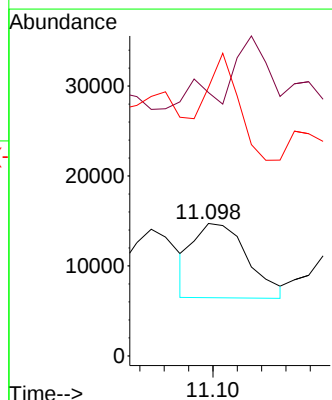
Tgt Ion:200 Resp: 12815

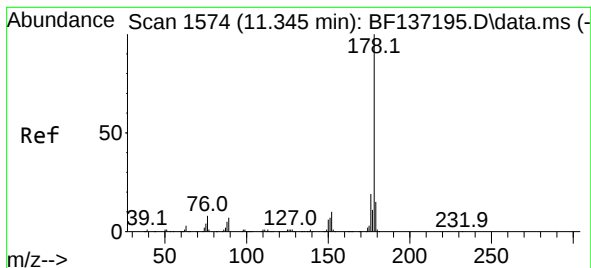
Ion Ratio Lower Upper

200 100

173 199.0 5.3 45.3#

215 203.0 29.4 69.4#





#71

Phenanthrene

Concen: 31.677 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.059 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

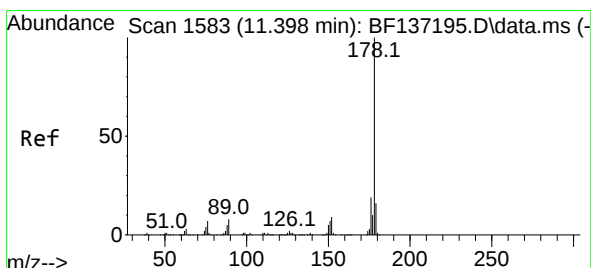
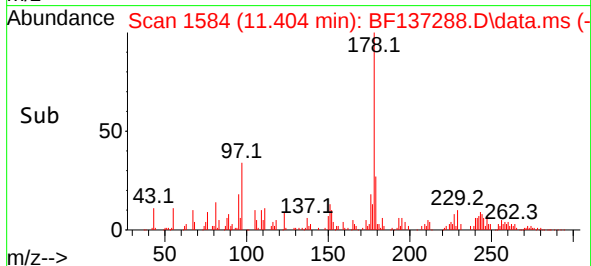
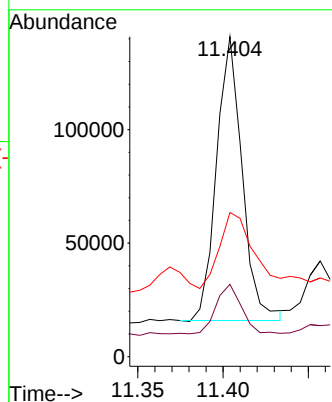
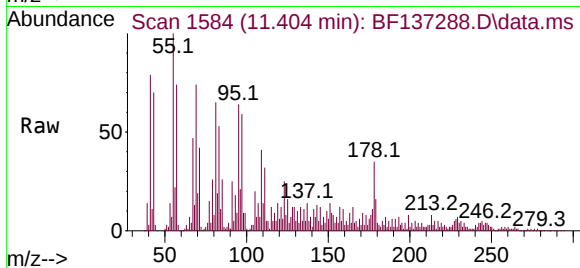
Tgt Ion:178 Resp: 130624

Ion Ratio Lower Upper

178 100

176 22.6 15.1 22.7

179 45.0 12.1 18.1#



#72

Anthracene

Concen: 6.845 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.059 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

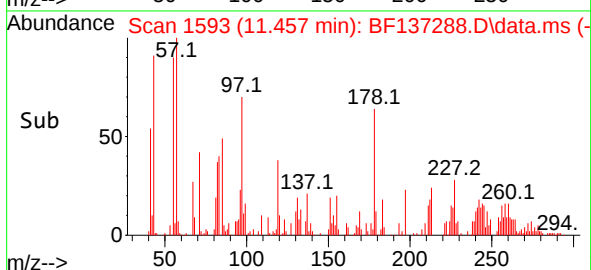
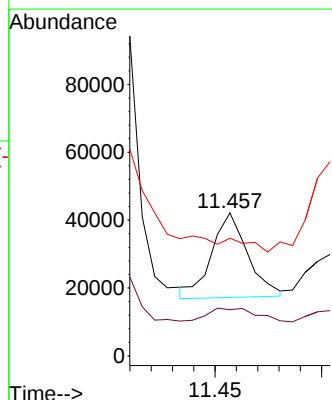
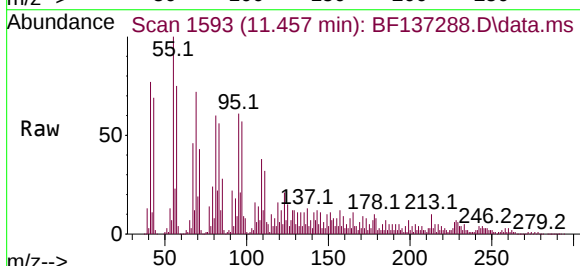
Tgt Ion:178 Resp: 29419

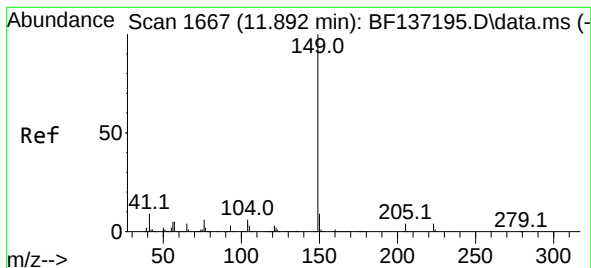
Ion Ratio Lower Upper

178 100

176 32.3 15.3 22.9#

179 82.3 12.7 19.1#





#74

Di-n-butylphthalate

Concen: 13.946 ng

RT: 11.951 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF137288.D

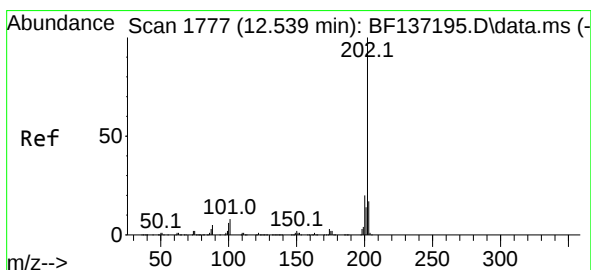
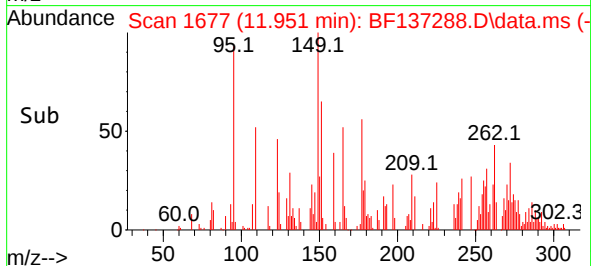
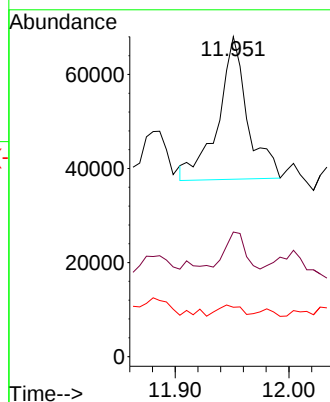
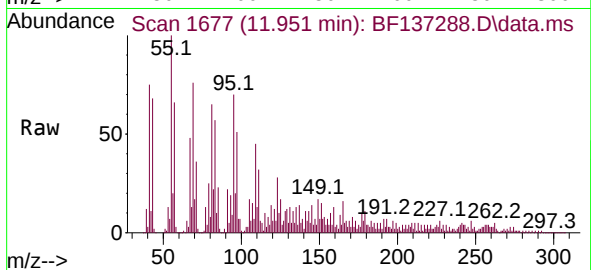
Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 54149 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 150       | 38.9  | 7.4   | 11.0# |
| 104       | 15.4  | 4.5   | 6.7#  |



#75

Fluoranthene

Concen: 43.941 ng

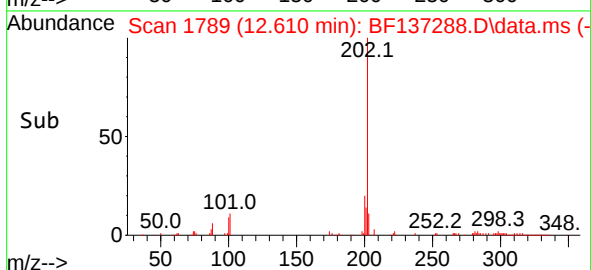
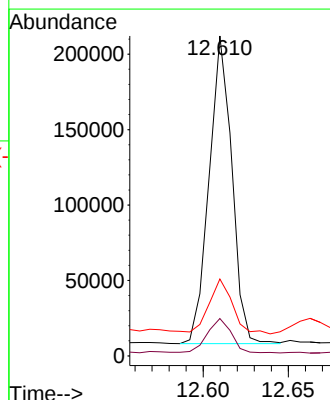
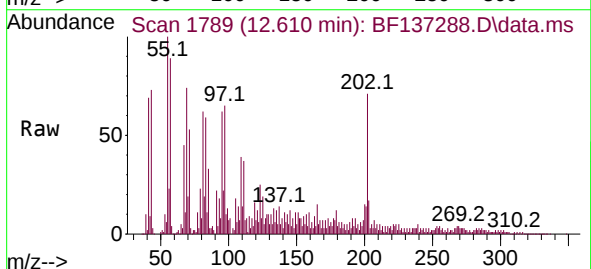
RT: 12.610 min Scan# 1789

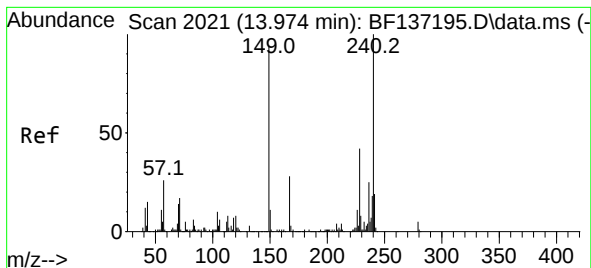
Delta R.T. 0.071 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 189607 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.7  | 0.0   | 28.4   |
| 203       | 24.0  | 0.0   | 37.3   |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

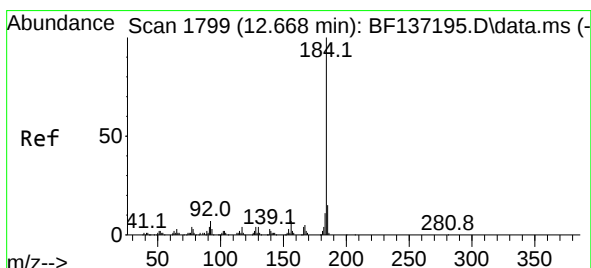
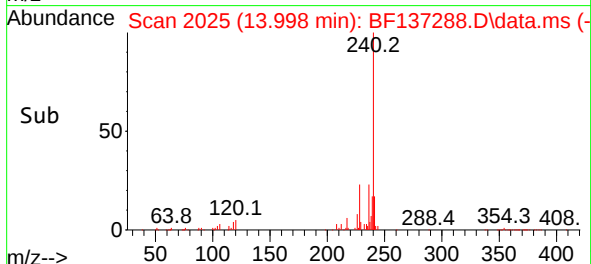
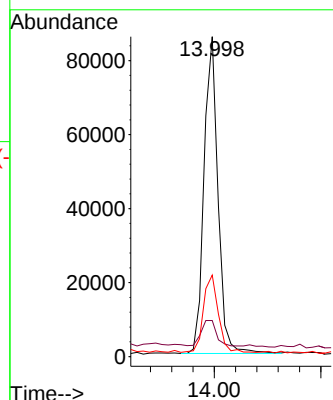
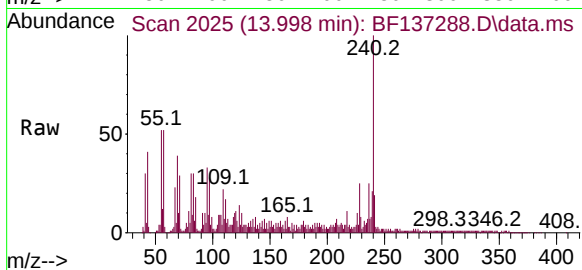
Tgt Ion:240 Resp: 77586

Ion Ratio Lower Upper

240 100

120 11.3 6.3 9.5#

236 25.5 20.3 30.5



#77

Benzidine

Concen: 3.369 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.024 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

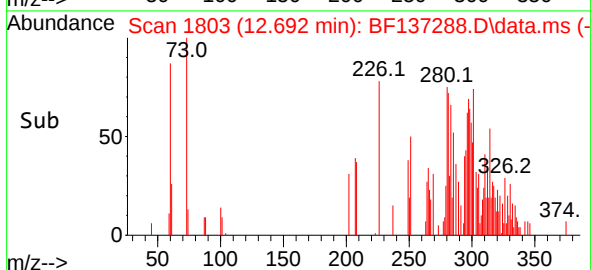
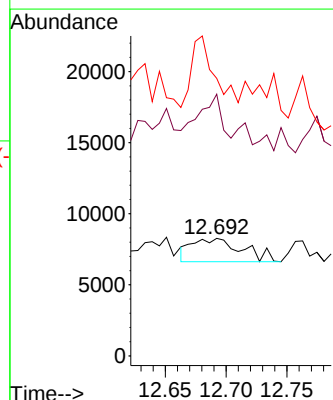
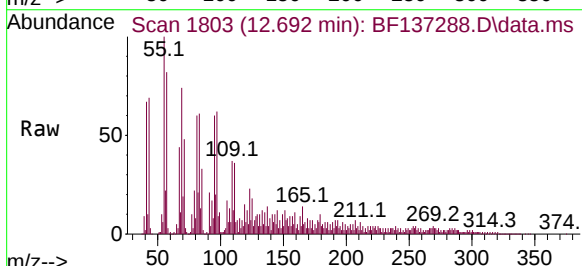
Tgt Ion:184 Resp: 4680

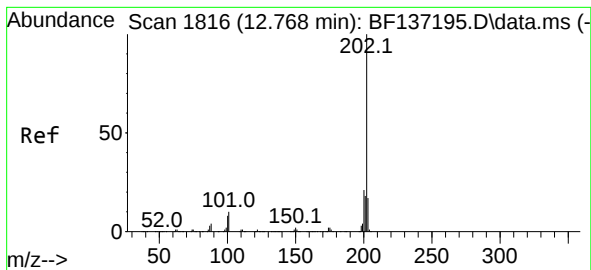
Ion Ratio Lower Upper

184 100

185 222.6 11.9 17.9#

183 236.1 8.8 13.2#





#78

Pyrene

Concen: 24.232 ng

RT: 12.833 min Scan# 1816

Delta R.T. 0.065 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

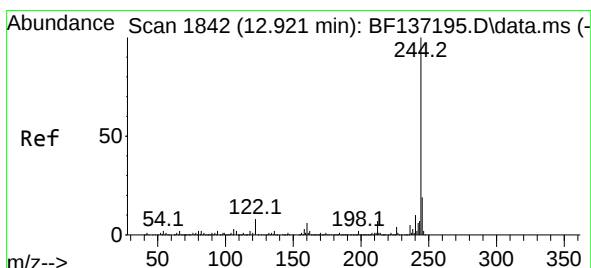
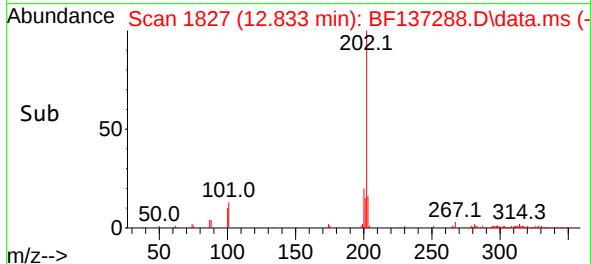
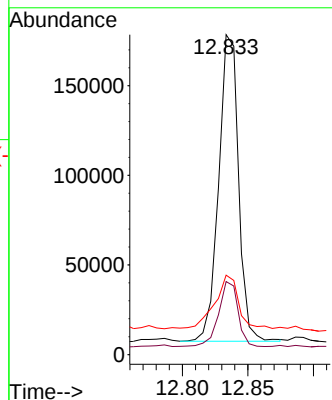
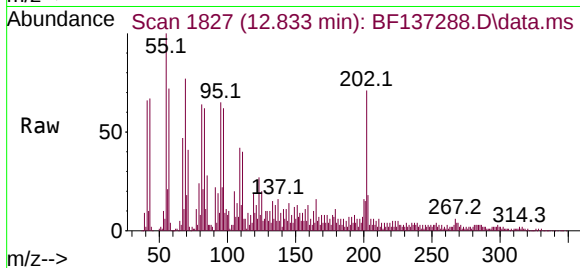
Tgt Ion:202 Resp: 180675

Ion Ratio Lower Upper

202 100

200 22.8 16.5 24.7

203 24.8 13.8 20.6#



#79

Terphenyl-d14

Concen: 49.052 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.047 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

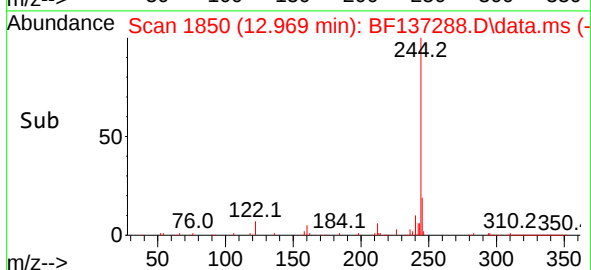
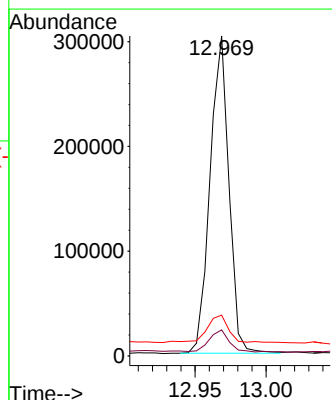
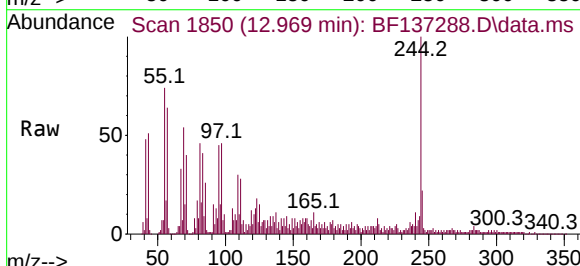
Tgt Ion:244 Resp: 279949

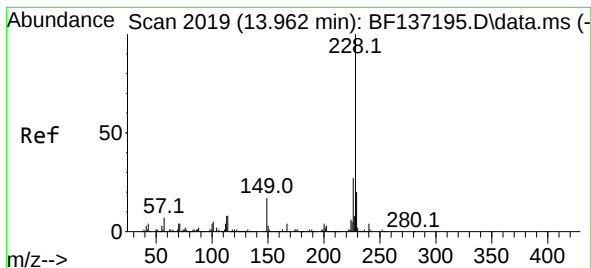
Ion Ratio Lower Upper

244 100

212 8.1 5.5 8.3

122 12.7 6.2 9.4#





#81

Benzo(a)anthracene

Concen: 16.347 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.024 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

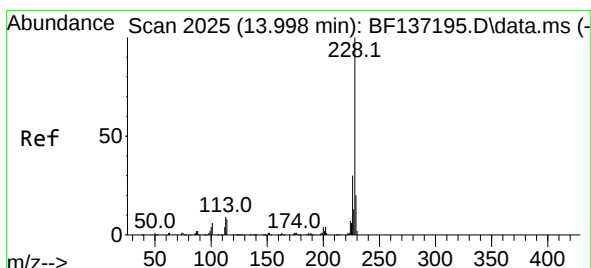
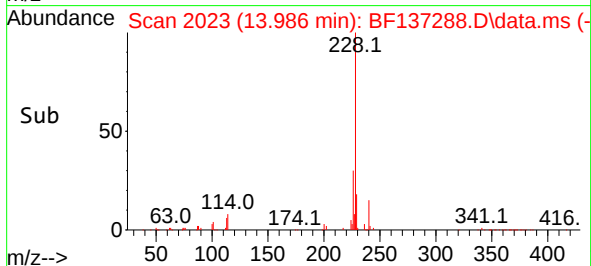
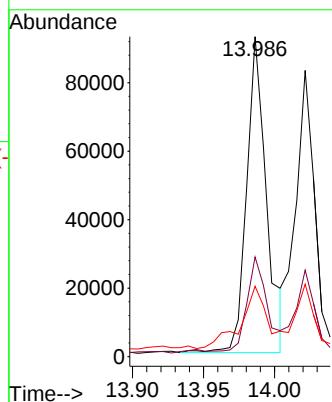
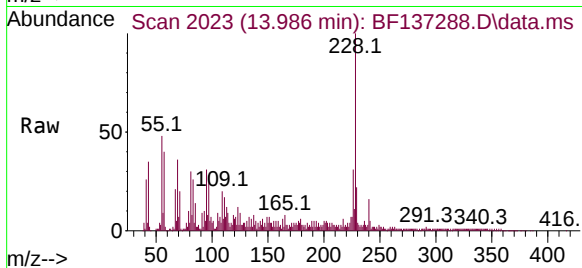
Tgt Ion:228 Resp: 89823

Ion Ratio Lower Upper

228 100

226 31.1 21.6 32.4

229 22.0 15.8 23.6



#83

Chrysene

Concen: 16.628 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

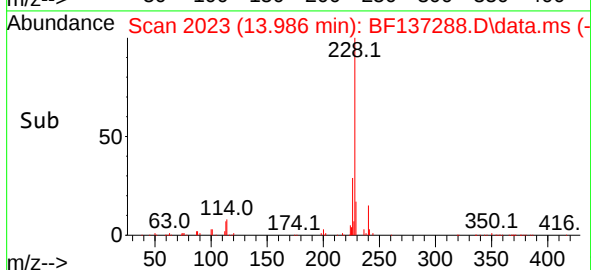
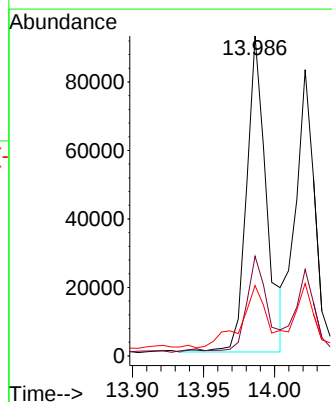
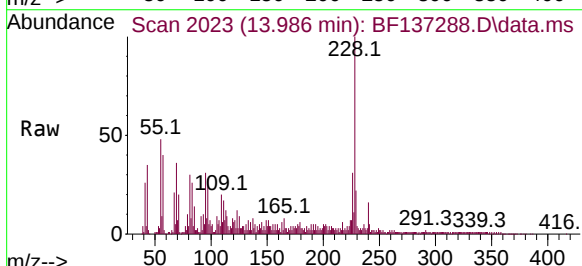
Tgt Ion:228 Resp: 89823

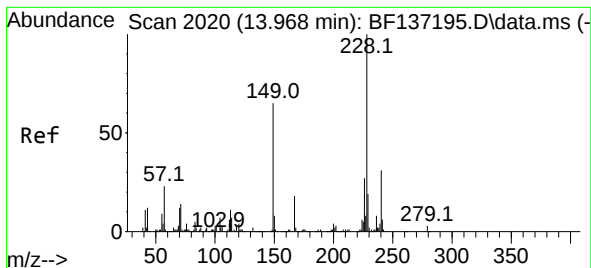
Ion Ratio Lower Upper

228 100

226 31.1 23.7 35.5

229 22.0 15.6 23.4

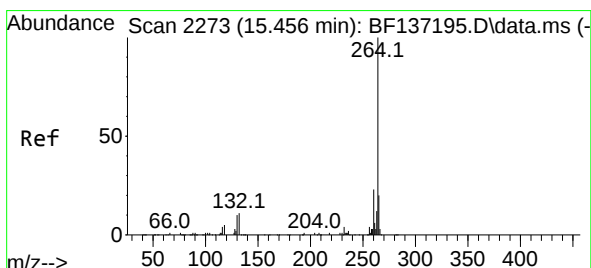
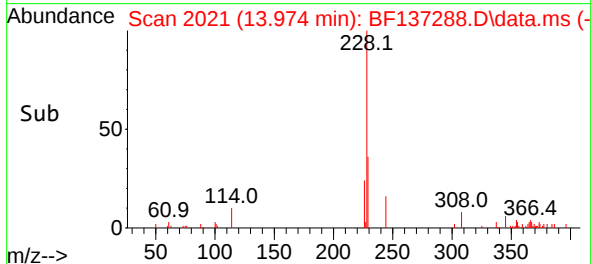
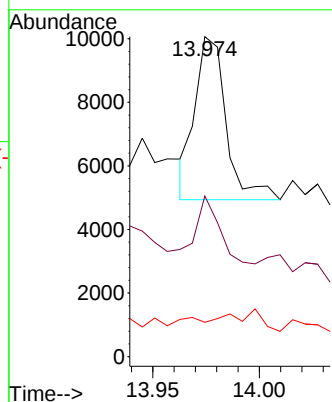
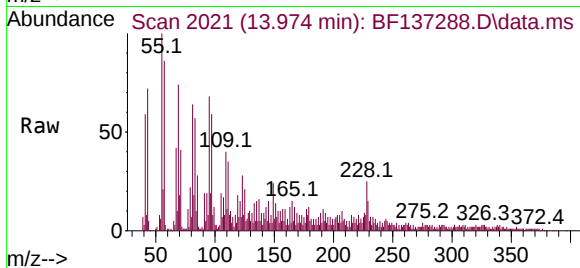




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.343 ng  
RT: 13.974 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

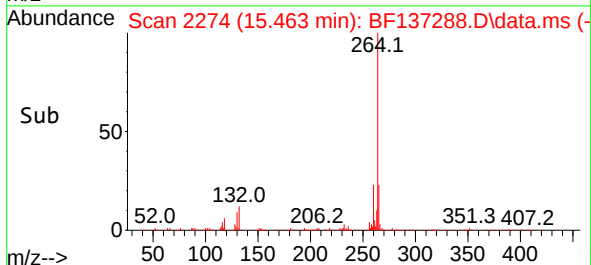
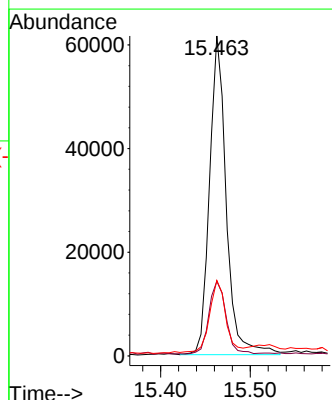
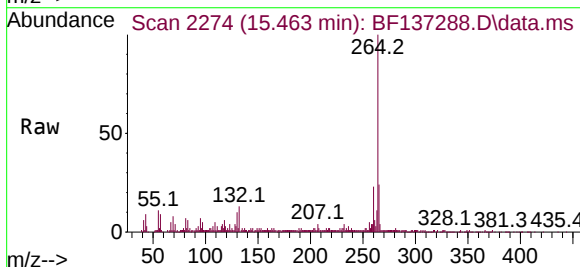
Instrument :  
BNA\_F  
ClientSampleId :

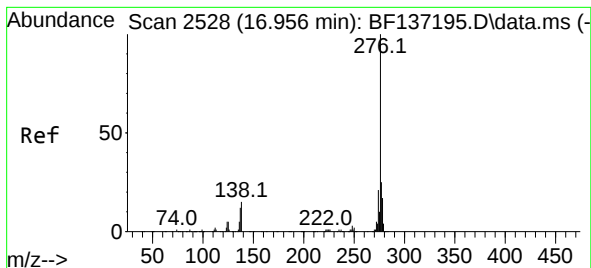
Tgt Ion:149 Resp: 5200  
Ion Ratio Lower Upper  
149 100  
167 50.2 21.7 32.5#  
279 10.7 3.4 5.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.463 min Scan# 2274  
Delta R.T. 0.006 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Tgt Ion:264 Resp: 80080  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.2 27.4  
265 23.6 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.934 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

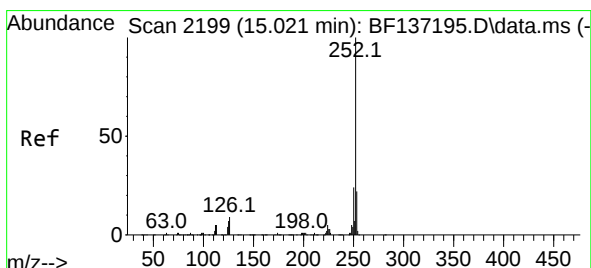
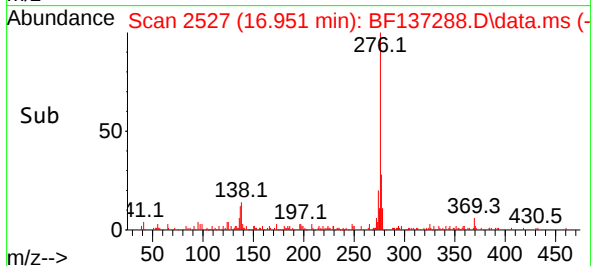
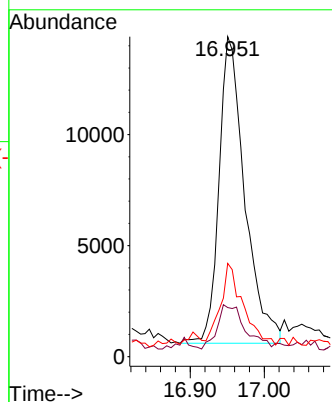
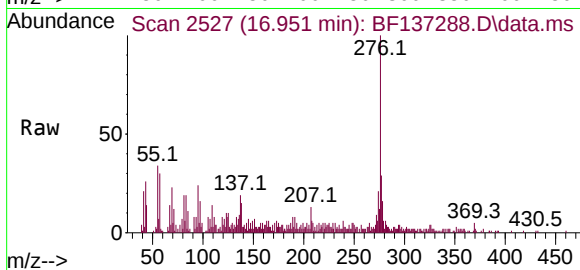
Tgt Ion:276 Resp: 33383

Ion Ratio Lower Upper

276 100

138 15.5 14.6 21.8

277 23.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 24.403 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.012 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

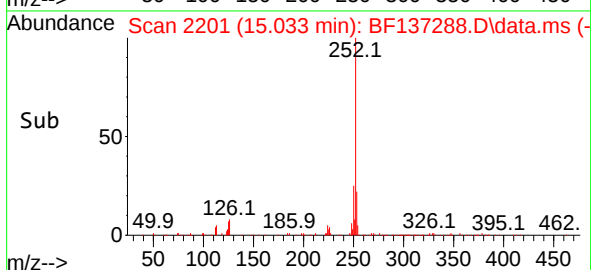
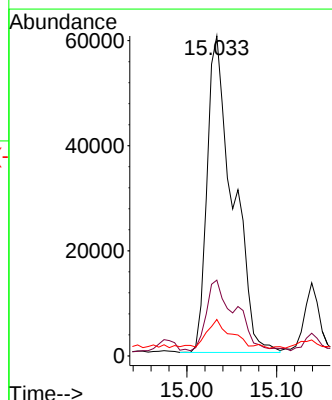
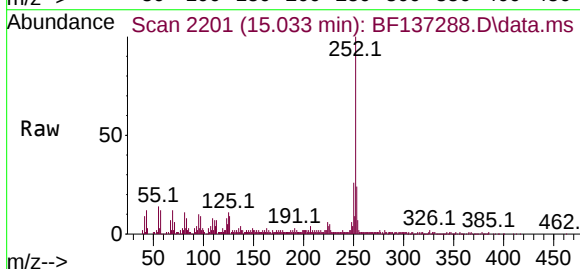
Tgt Ion:252 Resp: 120182

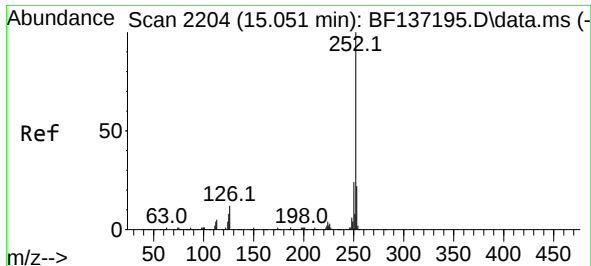
Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 11.4 5.4 8.2#

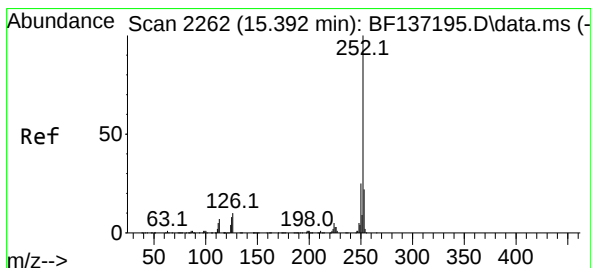
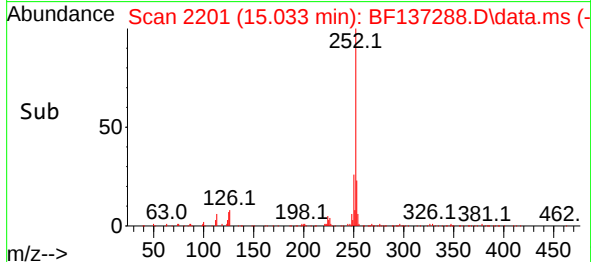
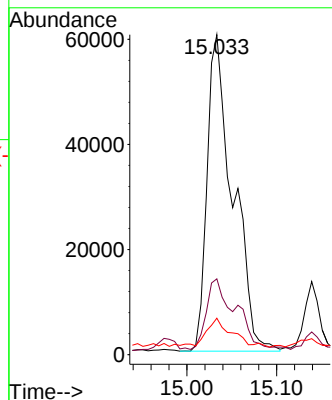
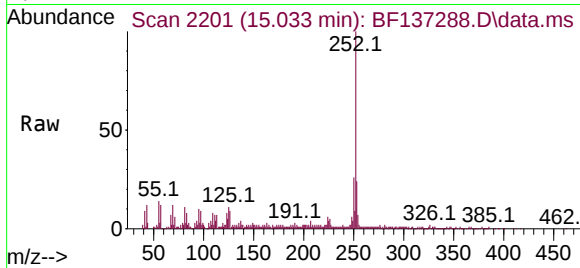




#89  
Benzo(k)fluoranthene  
Concen: 23.068 ng  
RT: 15.033 min Scan# 2201  
Delta R.T. -0.017 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

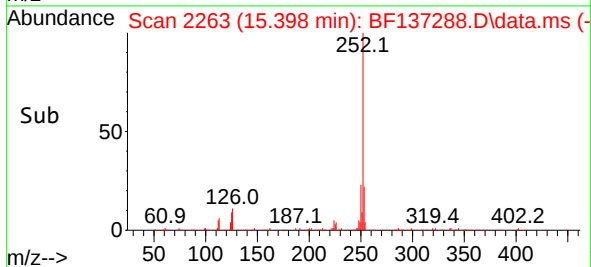
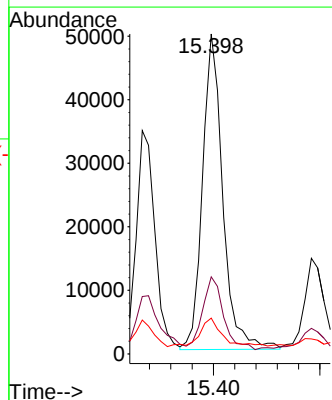
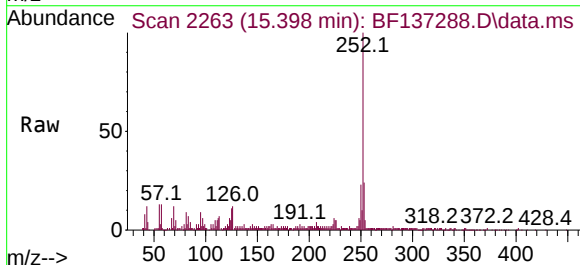
Instrument :  
BNA\_F  
ClientSampleId :

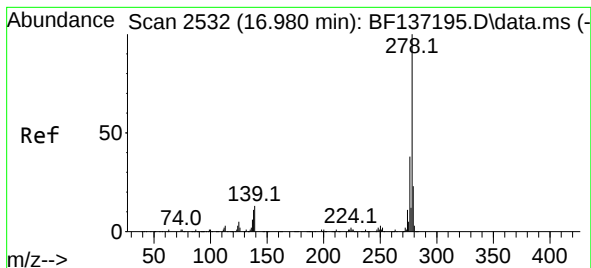
Tgt Ion:252 Resp: 120182  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.0 25.6  
125 11.4 5.9 8.9#



#90  
Benzo(a)pyrene  
Concen: 14.139 ng  
RT: 15.398 min Scan# 2263  
Delta R.T. 0.006 min  
Lab File: BF137288.D  
Acq: 05 Feb 2024 21:17

Tgt Ion:252 Resp: 65528  
Ion Ratio Lower Upper  
252 100  
253 24.1 17.8 26.6  
125 11.2 6.5 9.7#





#91

Dibenzo(a,h)anthracene

Concen: 2.002 ng

RT: 16.968 min Scan# 2532

Delta R.T. -0.012 min

Lab File: BF137288.D

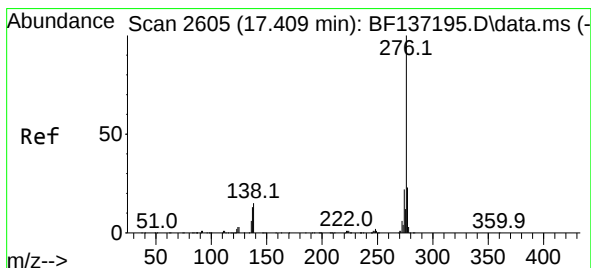
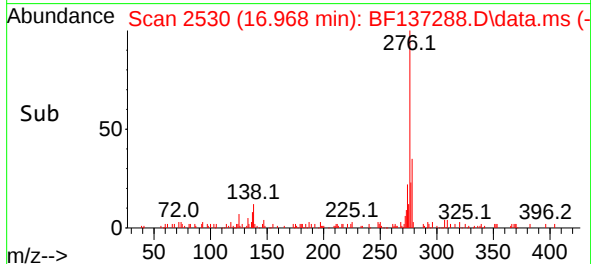
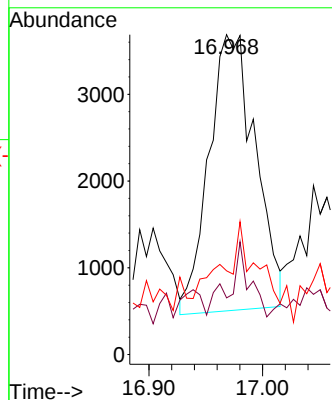
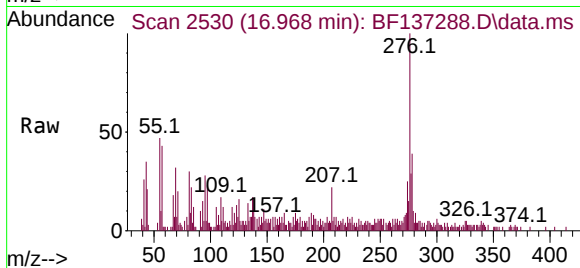
Acq: 05 Feb 2024 21:17

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 9026  |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 17.7  | 10.0  | 15.0# |
| 279      | 26.2  | 18.5  | 27.7  |



#92

Benzo(g,h,i)perylene

Concen: 7.090 ng

RT: 17.410 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF137288.D

Acq: 05 Feb 2024 21:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 31370 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.4  | 18.4  | 27.6  |
| 138      | 16.3  | 11.8  | 17.8  |

