

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
 Data File : BF128810.D  
 Acq On : 14 Jun 2022 20:14  
 Operator : CG\JU  
 Sample : N3334-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-7

Quant Time: Jun 15 01:02:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 14 14:53:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 62738    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 207504   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.828  | 164  | 103366   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.322 | 188  | 175663   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.004 | 240  | 127659   | 20.000 | ng    | # 0.04   |
| 86) Perylene-d12              | 15.486 | 264  | 94838    | 20.000 | ng    | # 0.07   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 287451   | 72.980 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 345203   | 71.798 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 246932   | 55.405 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 77367    | 63.347 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 389440   | 52.776 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 388773   | 52.918 | ng    | 0.02     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 9) Benzaldehyde               | 6.334  | 77   | 7542     | 2.575  | ng    | # 1      |
| 18) Hexachloroethane          | 7.269  | 117  | 7332     | 4.188  | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 18638    | 6.235  | ng    | # 64     |
| 22) Acetophenone              | 7.175  | 105  | 94592    | 17.429 | ng    | # 58     |
| 24) Nitrobenzene              | 7.351  | 77   | 12285    | 3.002  | ng    | # 46     |
| 25) Isophorone                | 7.592  | 82   | 40793    | 6.026  | ng    | # 1      |
| 26) 2-Nitrophenol             | 7.686  | 139  | 7092     | 3.934  | ng    | # 1      |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 6933     | 2.525  | ng    | # 13     |
| 31) Naphthalene               | 8.086  | 128  | 68908    | 6.471  | ng    | # 81     |
| 32) Benzoic acid              | 7.857  | 122  | 4571     | 2.346  | ng    | # 15     |
| 35) Caprolactam               | 8.528  | 113  | 5564     | 6.331  | ng    | # 1      |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 258607   | 38.179 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.881  | 142  | 260190   | 39.758 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 26496    | 3.416  | ng    | 93       |
| 51) 2,6-Dinitrotoluene        | 9.357  | 165  | 5333     | 3.819  | ng    | 88       |
| 52) Acenaphthene              | 9.857  | 154  | 15319    | 2.596  | ng    | # 72     |
| 53) 3-Nitroaniline            | 9.775  | 138  | 3439     | 2.269  | ng    | # 30     |
| 55) Dibenzofuran              | 10.033 | 168  | 33322    | 3.930  | ng    | # 1      |
| 56) 4-Nitrophenol             | 9.975  | 139  | 3309     | 3.012  | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 10.033 | 165  | 8803     | 4.724  | ng    | # 60     |
| 58) Fluorene                  | 10.375 | 166  | 45193    | 6.873  | ng    | # 86     |
| 62) 4-Nitroaniline            | 10.280 | 138  | 4870     | 3.174  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 127497   | 23.614 | ng    | # 49     |
| 70) Pentachlorophenol         | 11.151 | 266  | 2419     | 2.227  | ng    | # 58     |
| 71) Phenanthrene              | 11.345 | 178  | 174916   | 19.852 | ng    | # 96     |
| 72) Anthracene                | 11.392 | 178  | 28055    | 3.217  | ng    | # 65     |
| 75) Fluoranthene              | 12.780 | 202  | 166796   | 18.110 | ng    | 85       |
| 77) Benzidine                 | 12.710 | 184  | 7535     | 2.961  | ng    | # 1      |
| 78) Pyrene                    | 12.780 | 202  | 171000   | 18.004 | ng    | # 90     |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 86957    | 10.928 | ng    | # 53     |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 4108     | 2.413  | ng    | # 8      |
| 83) Chrysene                  | 14.027 | 228  | 153282   | 20.205 | ng    | # 70     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 13402    | 2.345  | ng    | # 84     |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 37718    | 6.224  | ng    | # 1      |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 37718    | 6.616  | ng    | # 1      |
| 90) Benzo(a)pyrene            | 15.427 | 252  | 44918    | 9.431  | ng    | # 1      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128810.D  
Acq On : 14 Jun 2022 20:14  
Operator : CG\JU  
Sample : N3334-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

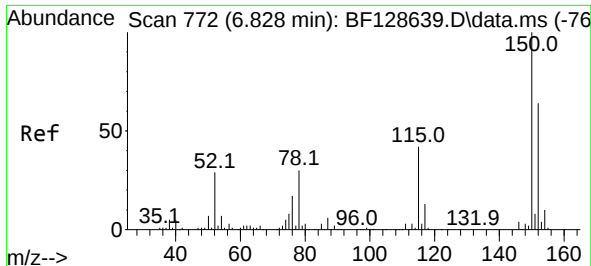
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

Quant Time: Jun 15 01:02:26 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 14 14:53:53 2022  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 91) Dibenzo(a,h)anthracene | 16.927 | 278  | 14468    | 3.051 | ng    | # 1      |
| 92) Benzo(g,h,i)perylene   | 17.368 | 276  | 32552    | 6.927 | ng    | # 74     |

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

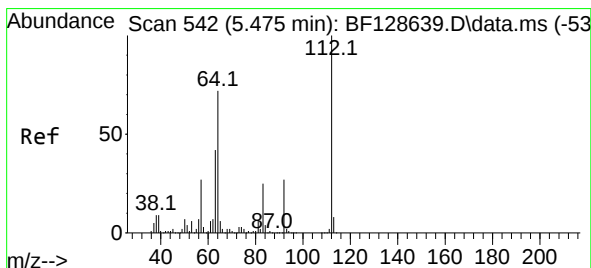
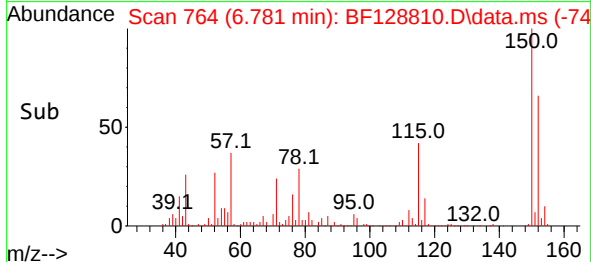
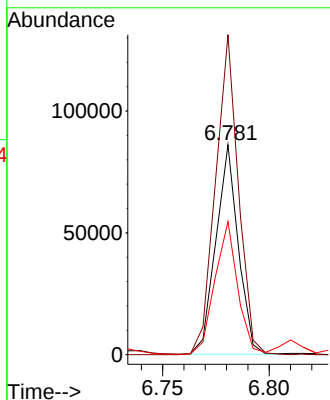
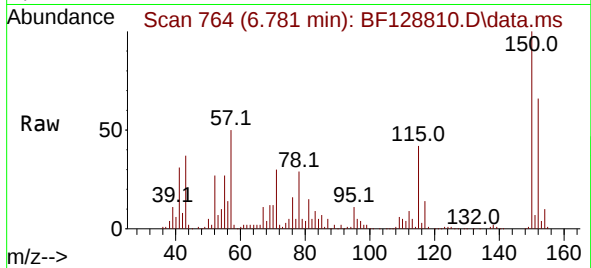




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

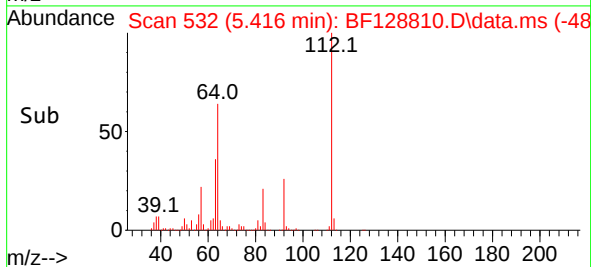
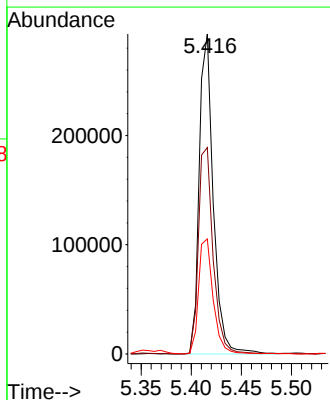
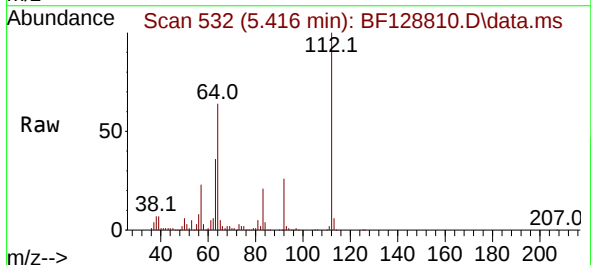
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

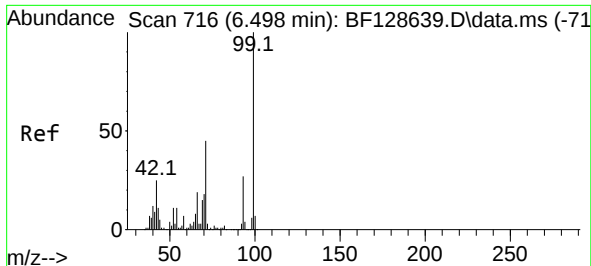
Tgt Ion:152 Resp: 62738  
Ion Ratio Lower Upper  
152 100  
150 152.5 123.7 185.5  
115 63.4 49.9 74.9



#5  
2-Fluorophenol  
Concen: 72.980 ng  
RT: 5.416 min Scan# 532  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:112 Resp: 287451  
Ion Ratio Lower Upper  
112 100  
64 64.5 53.3 79.9  
63 36.0 28.0 42.0

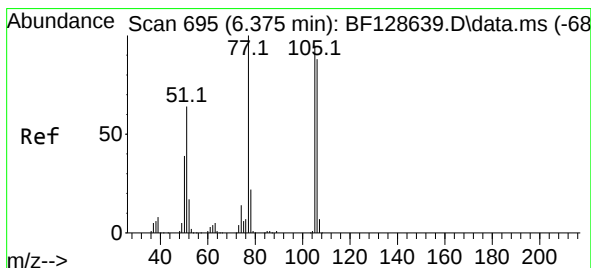
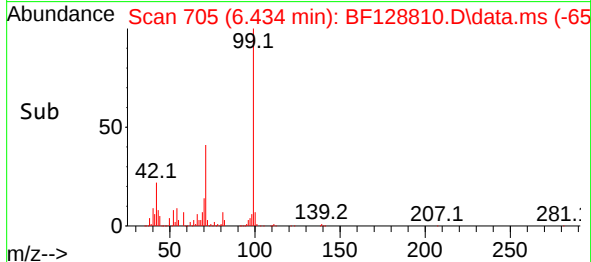
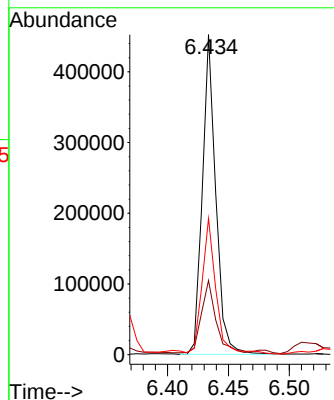
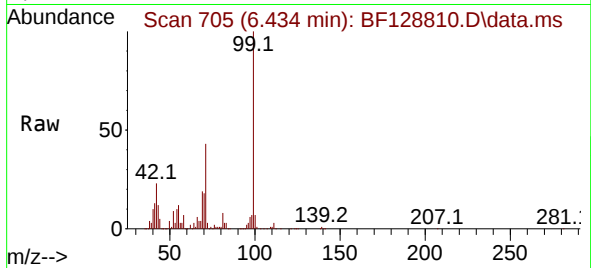




#7  
Phenol-d6  
Concen: 71.798 ng  
RT: 6.434 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

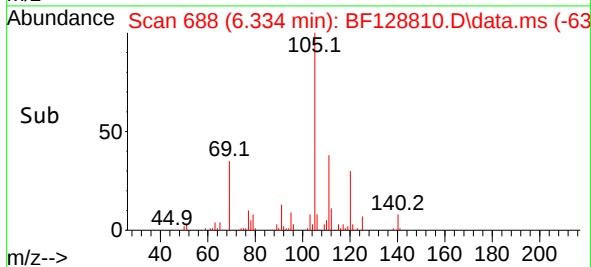
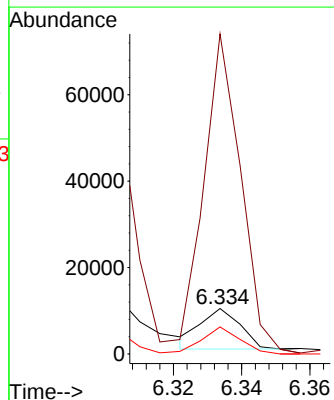
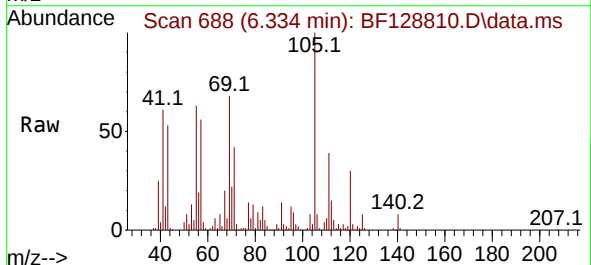
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

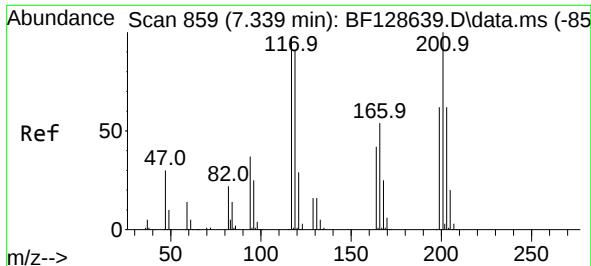
Tgt Ion: 99 Resp: 345203  
Ion Ratio Lower Upper  
99 100  
42 23.2 17.3 25.9  
71 42.6 28.9 43.3



#9  
Benzaldehyde  
Concen: 2.575 ng  
RT: 6.334 min Scan# 688  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion: 77 Resp: 7542  
Ion Ratio Lower Upper  
77 100  
105 703.0 81.6 121.6#  
106 59.5 76.1 116.1#

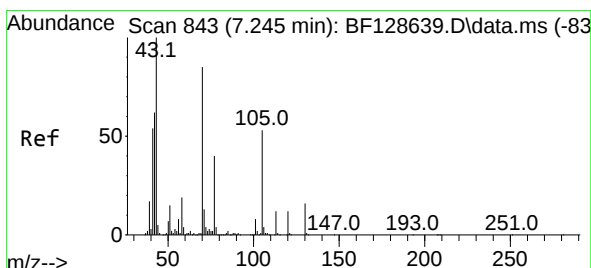
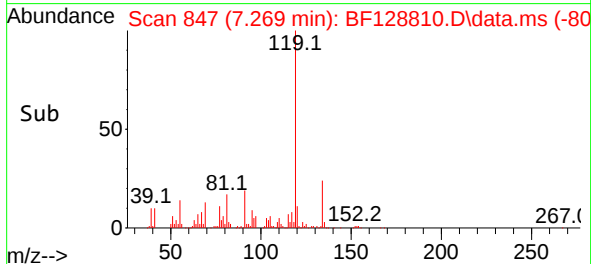
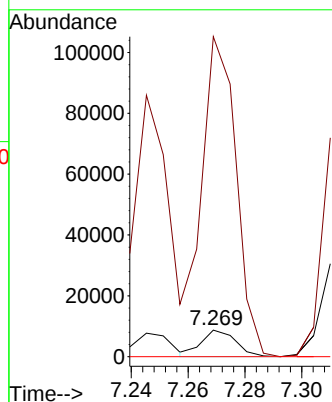
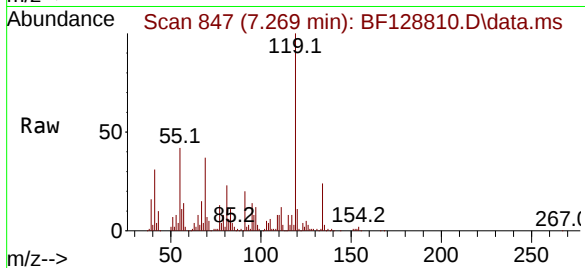




#18  
Hexachloroethane  
Concen: 4.188 ng  
RT: 7.269 min Scan# 847  
Delta R.T. -0.024 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

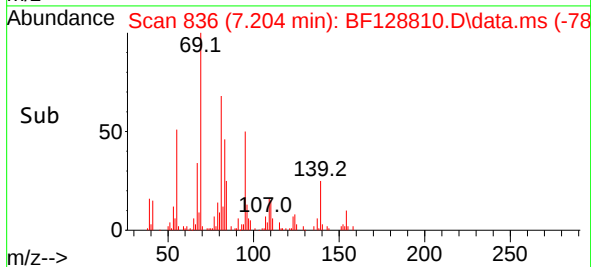
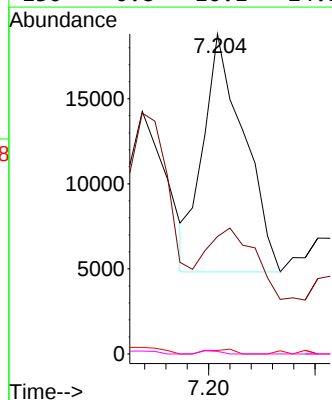
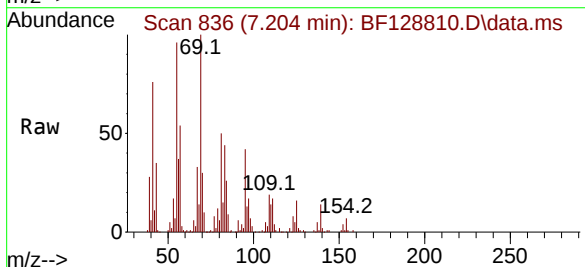
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

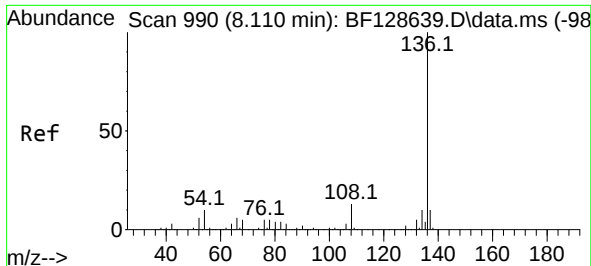
Tgt Ion:117 Resp: 7332  
Ion Ratio Lower Upper  
117 100  
119 1204.3 77.4 116.2#  
201 0.0 84.6 127.0#



#19  
n-Nitroso-di-n-propylamine  
Concen: 6.235 ng  
RT: 7.204 min Scan# 836  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion: 70 Resp: 18638  
Ion Ratio Lower Upper  
70 100  
42 36.7 52.3 78.5#  
101 1.1 7.5 11.3#  
130 0.8 16.1 24.1#

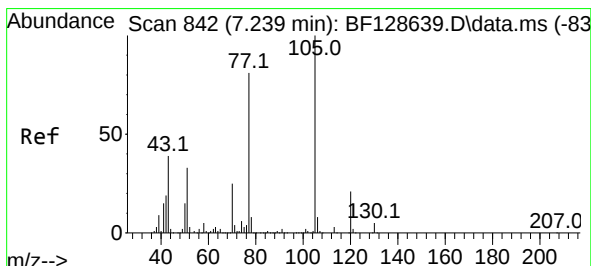
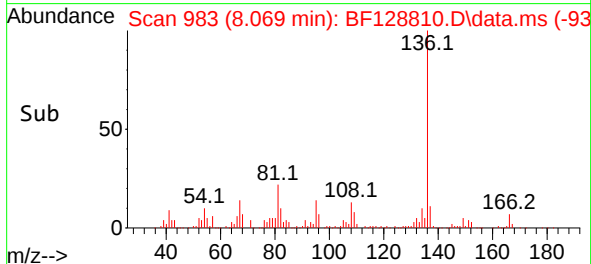
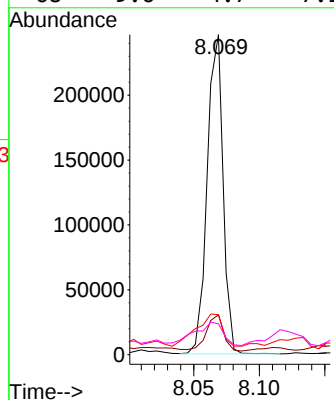
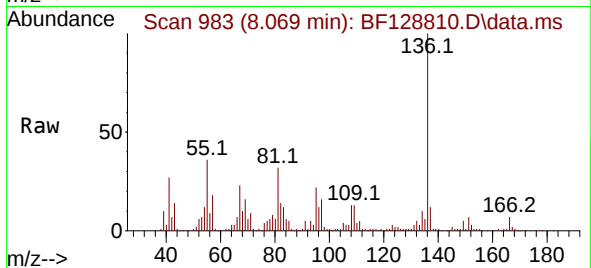




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

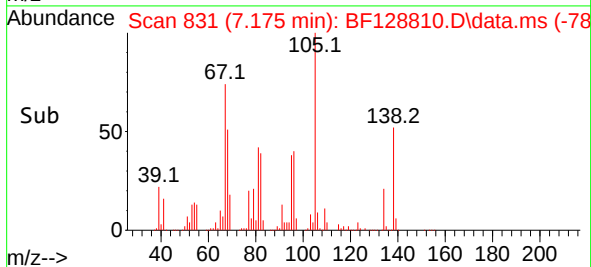
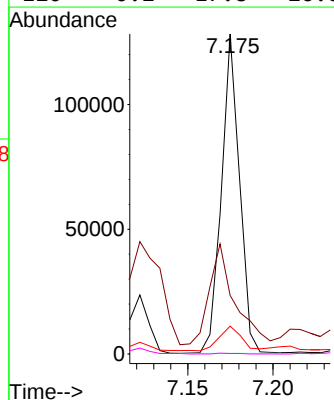
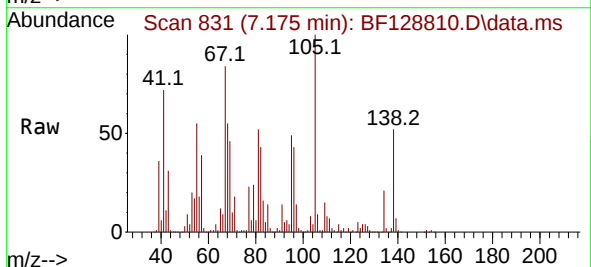
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

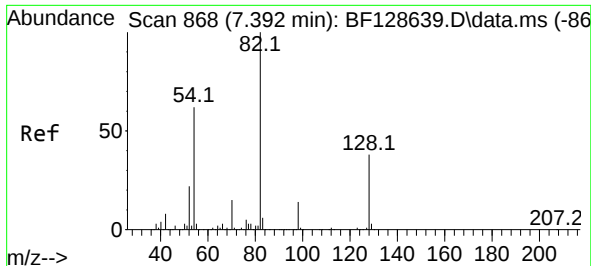
Tgt Ion:136 Resp: 207504  
Ion Ratio Lower Upper  
136 100  
137 12.5 8.8 13.2  
54 12.5 7.5 11.3#  
68 9.6 4.7 7.1#



#22  
Acetophenone  
Concen: 17.429 ng  
RT: 7.175 min Scan# 831  
Delta R.T. -0.024 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:105 Resp: 94592  
Ion Ratio Lower Upper  
105 100  
71 18.3 5.0 7.4#  
51 8.7 25.0 37.4#  
120 0.2 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 55.405 ng

RT: 7.345 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

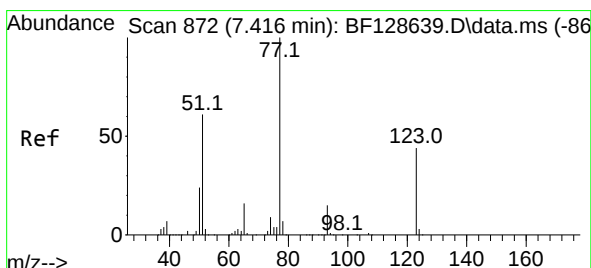
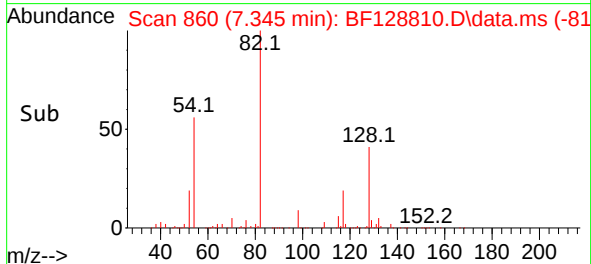
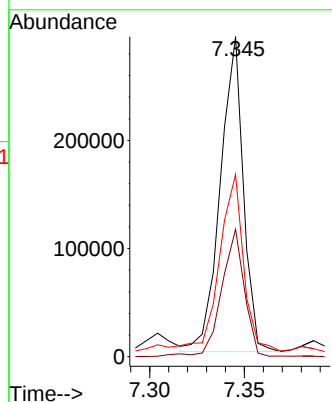
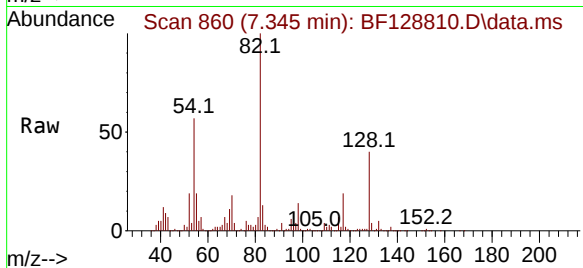
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Ion Ratio Lower Upper

82 100

128 39.8 34.0 51.0

54 57.0 46.9 70.3



#24

Nitrobenzene

Concen: 3.002 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.018 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

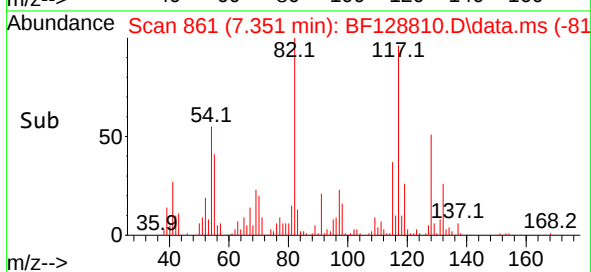
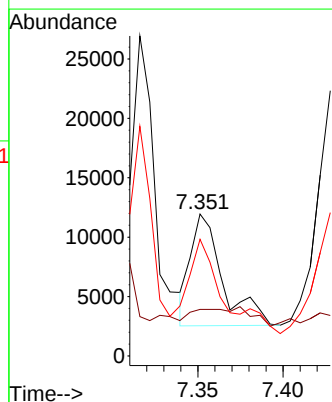
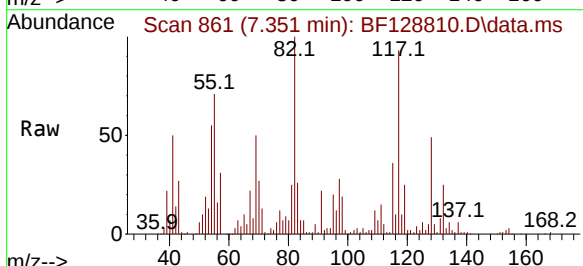
Tgt Ion: 77 Resp: 12285

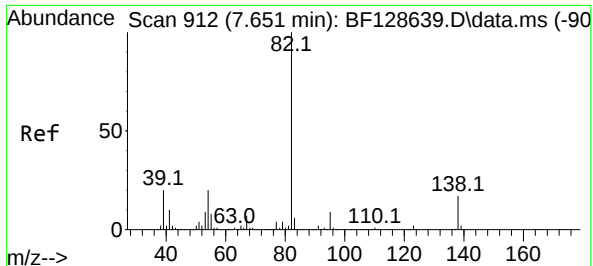
Ion Ratio Lower Upper

77 100

123 32.9 35.4 53.2#

65 82.2 11.8 17.8#

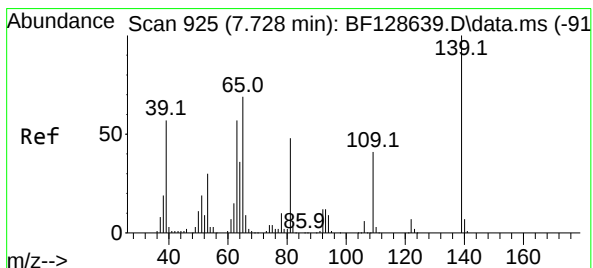
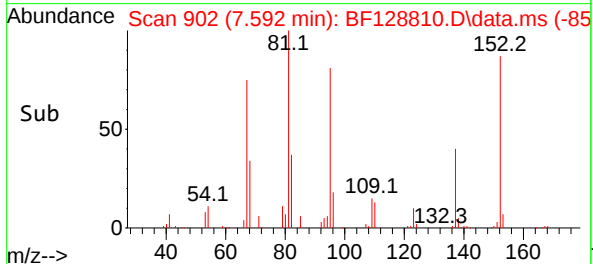
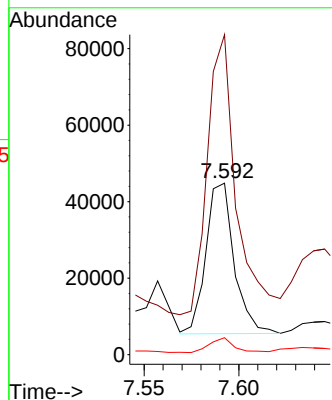
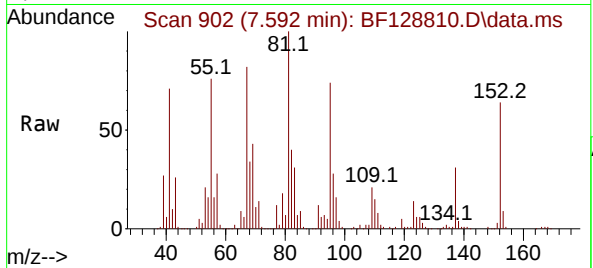




#25  
Isophorone  
Concen: 6.026 ng  
RT: 7.592 min Scan# 912  
Delta R.T. -0.018 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

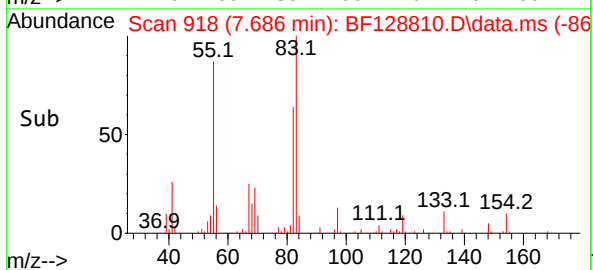
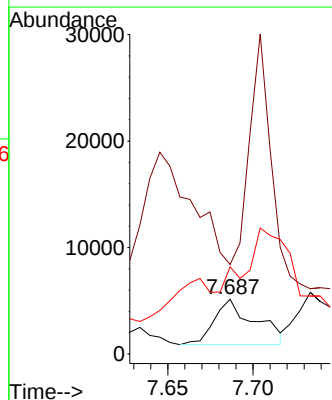
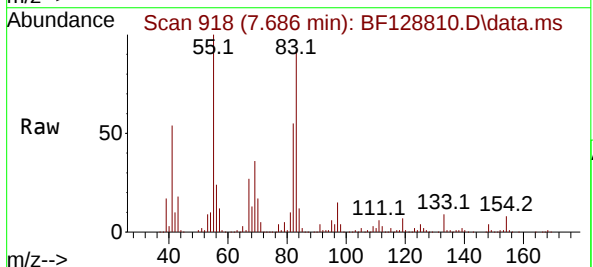
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

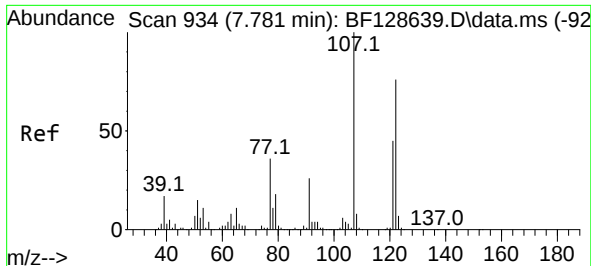
Tgt Ion: 82 Resp: 40793  
Ion Ratio Lower Upper  
82 100  
95 186.6 5.7 8.5#  
138 9.9 14.2 21.2#



#26  
2-Nitrophenol  
Concen: 3.934 ng  
RT: 7.686 min Scan# 918  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion: 139 Resp: 7092  
Ion Ratio Lower Upper  
139 100  
109 163.4 25.0 37.4#  
65 159.1 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 2.525 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

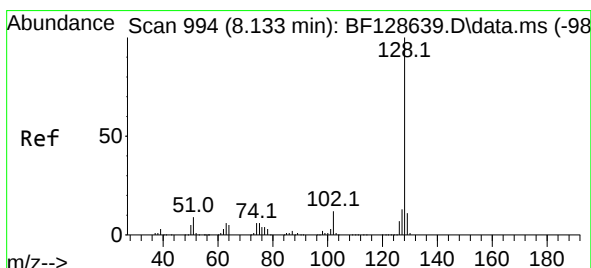
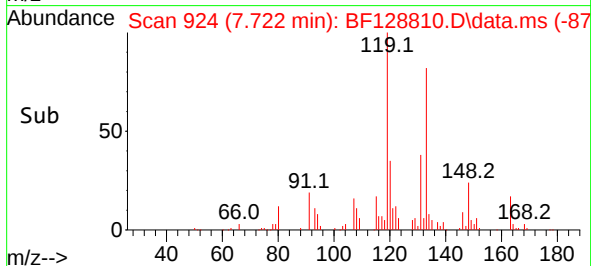
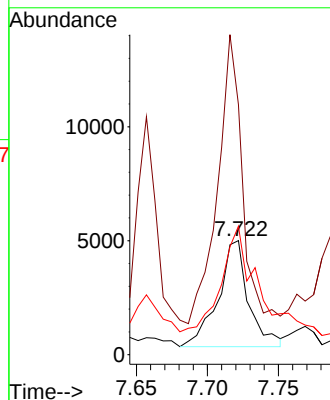
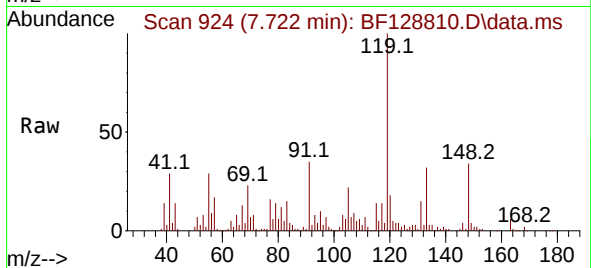
Tgt Ion:122 Resp: 6933

Ion Ratio Lower Upper

122 100

107 219.2 93.0 139.6#

121 112.7 46.6 70.0#



#31

Naphthalene

Concen: 6.471 ng

RT: 8.086 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

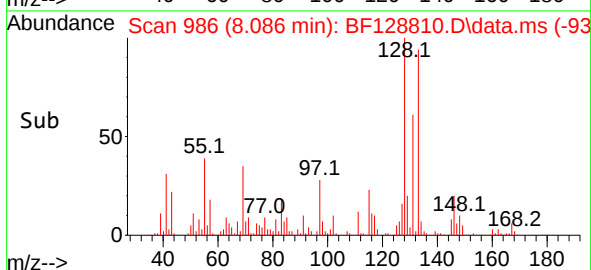
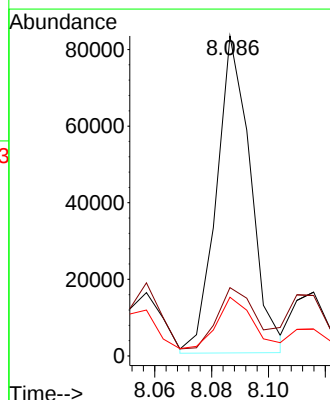
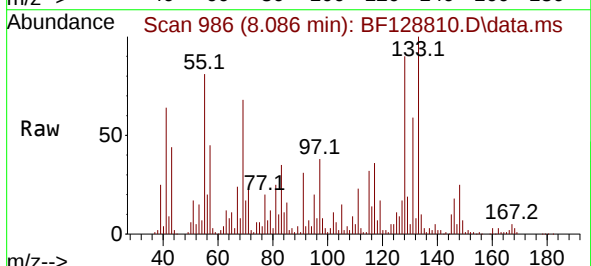
Tgt Ion:128 Resp: 68908

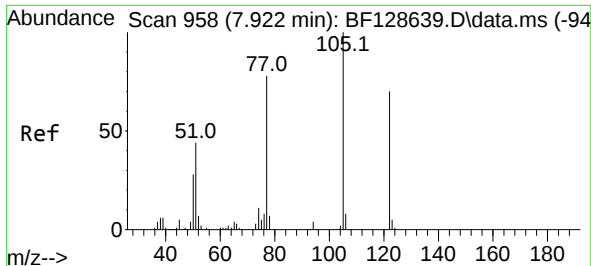
Ion Ratio Lower Upper

128 100

129 21.4 9.2 13.8#

127 18.3 10.5 15.7#

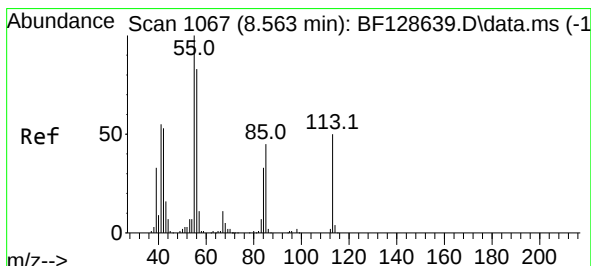
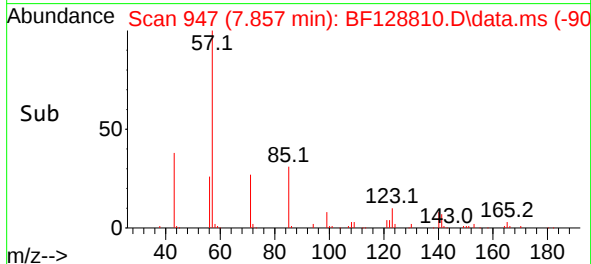
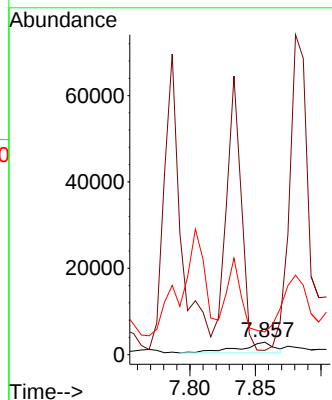
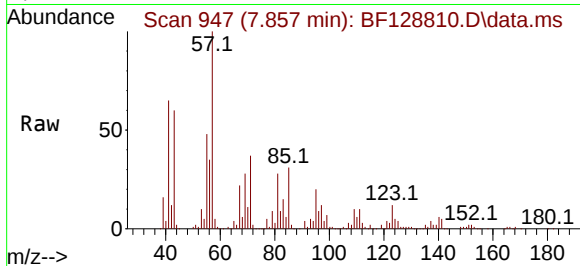




#32  
Benzoic acid  
Concen: 2.346 ng  
RT: 7.857 min Scan# 94  
Delta R.T. -0.024 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

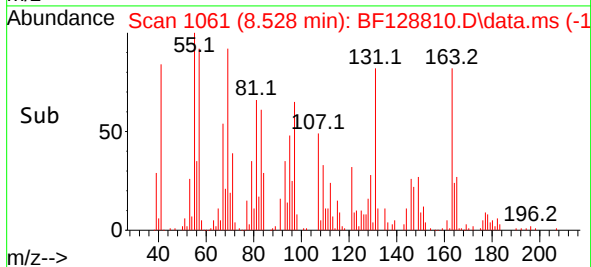
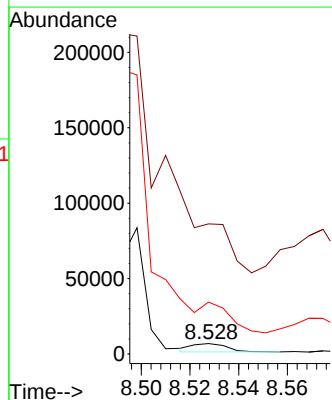
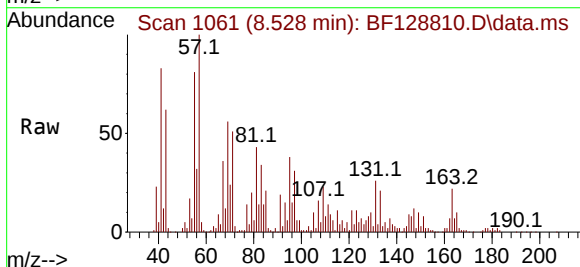
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

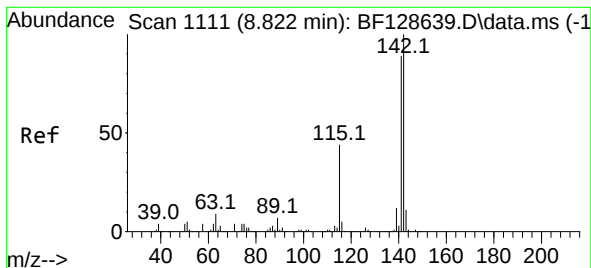
Tgt Ion:122 Resp: 4571  
Ion Ratio Lower Upper  
122 100  
105 34.4 107.1 147.1#  
77 181.9 74.2 114.2#



#35  
Caprolactam  
Concen: 6.331 ng  
RT: 8.528 min Scan# 1061  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:113 Resp: 5564  
Ion Ratio Lower Upper  
113 100  
55 1244.8 188.5 228.5#  
56 496.4 130.6 170.6#





#37

2-Methylnaphthalene

Concen: 38.179 ng

RT: 8.786 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

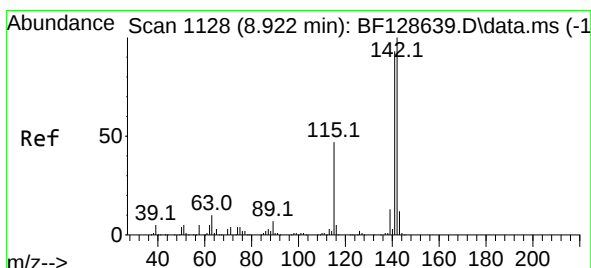
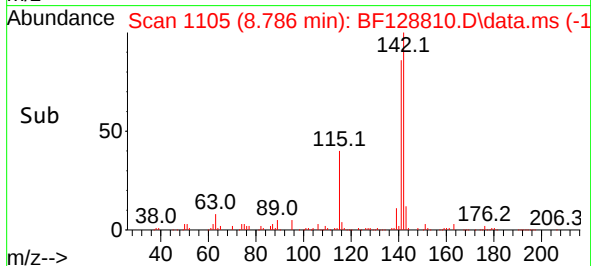
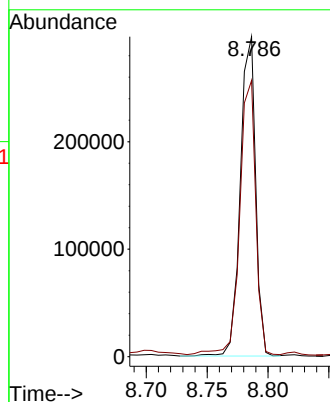
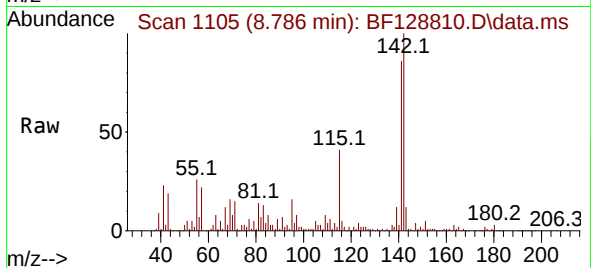
WC-14A-1A-7

Tgt Ion:142 Resp: 258607

Ion Ratio Lower Upper

142 100

141 86.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.758 ng

RT: 8.881 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF128810.D

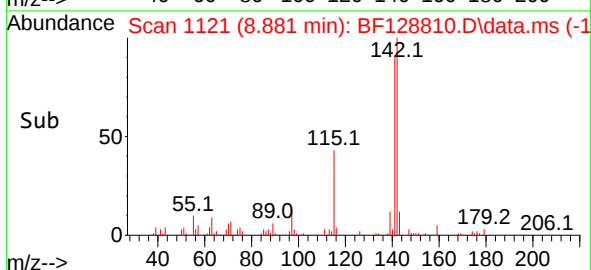
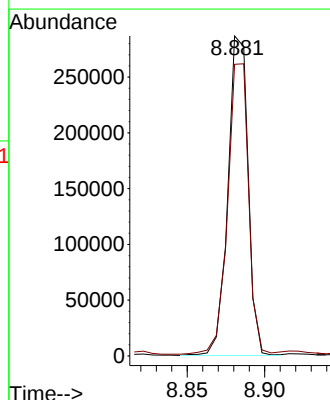
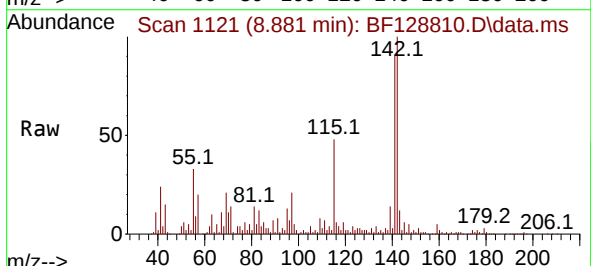
Acq: 14 Jun 2022 20:14

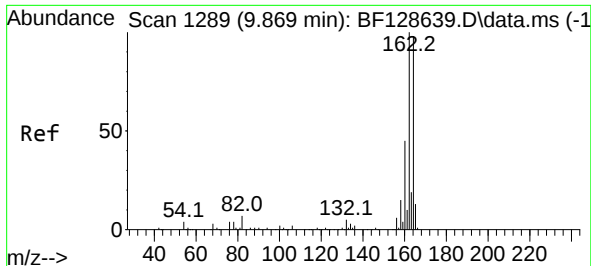
Tgt Ion:142 Resp: 260190

Ion Ratio Lower Upper

142 100

141 91.2 74.2 111.4

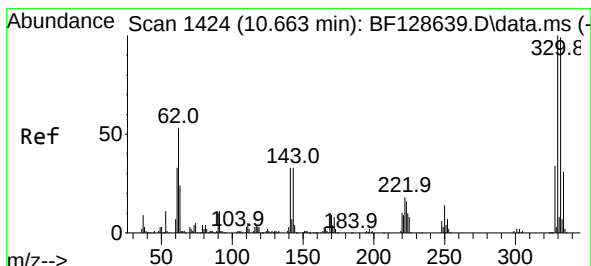
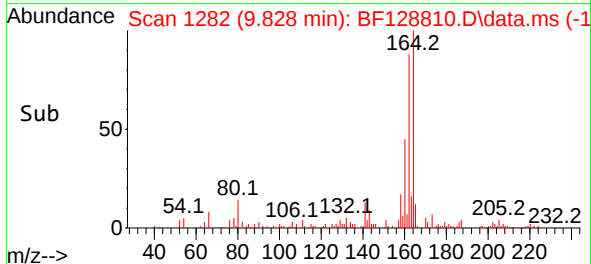
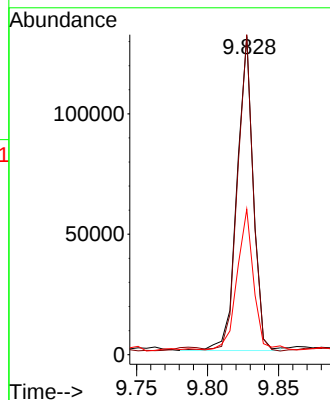
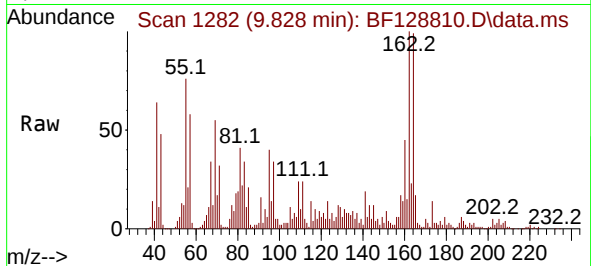




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

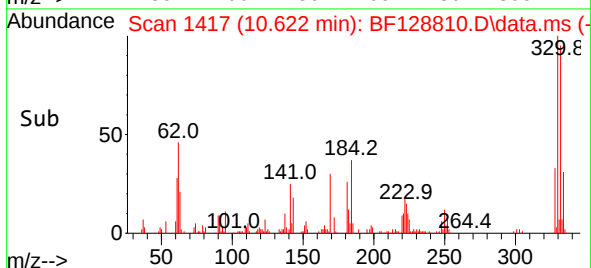
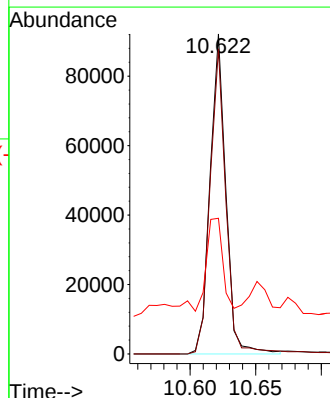
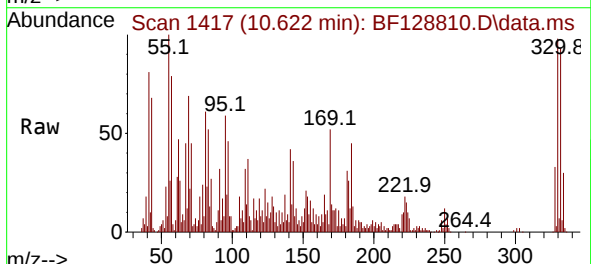
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

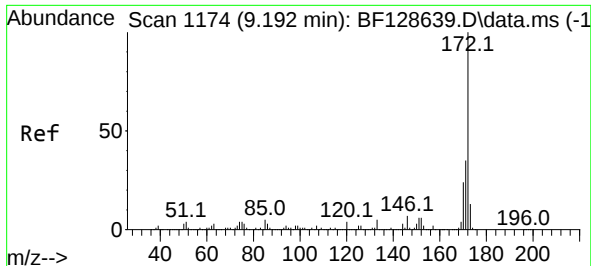
Tgt Ion:164 Resp: 103366  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.5 119.3  
160 45.7 34.2 51.4



#42  
2,4,6-Tribromophenol  
Concen: 63.347 ng  
RT: 10.622 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:330 Resp: 77367  
Ion Ratio Lower Upper  
330 100  
332 97.6 76.8 115.2  
141 28.3 28.0 42.0

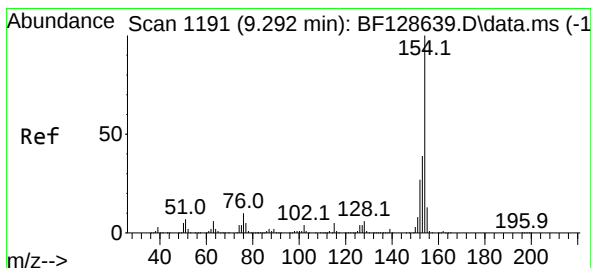
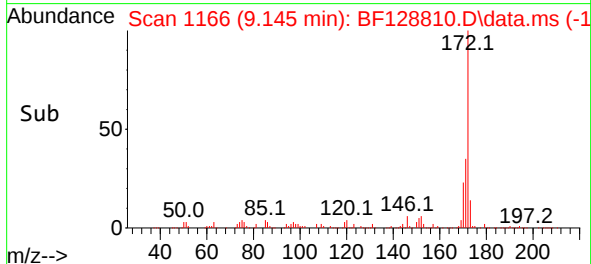
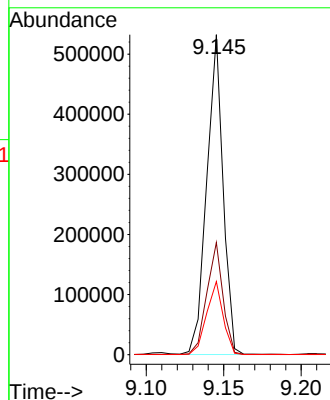
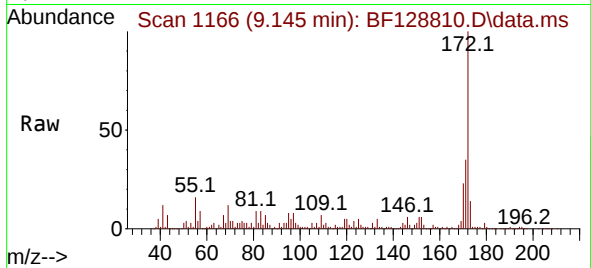




#45  
2-Fluorobiphenyl  
Concen: 52.776 ng  
RT: 9.145 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

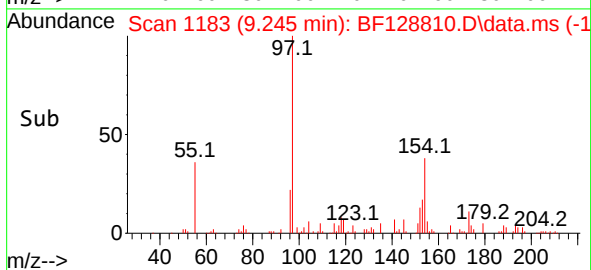
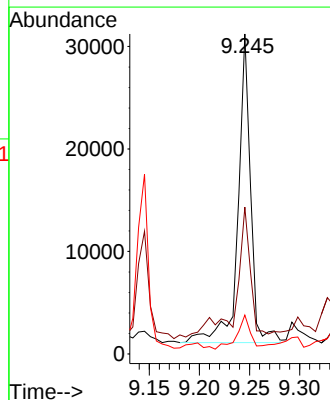
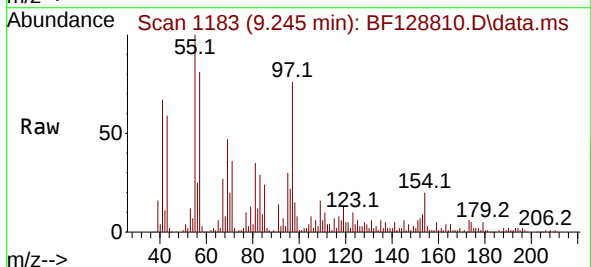
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

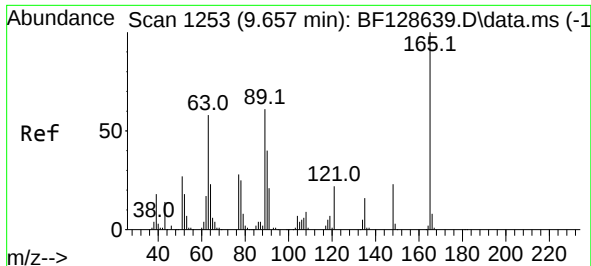
Tgt Ion:172 Resp: 389440  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.8 43.2  
170 22.9 19.8 29.8



#46  
1,1'-Biphenyl  
Concen: 3.416 ng  
RT: 9.245 min Scan# 1183  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:154 Resp: 26496  
Ion Ratio Lower Upper  
154 100  
153 45.9 20.6 60.6  
76 12.1 0.0 33.3

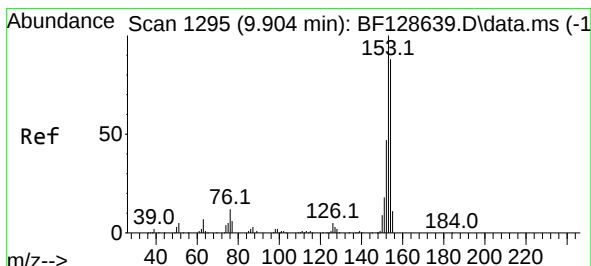
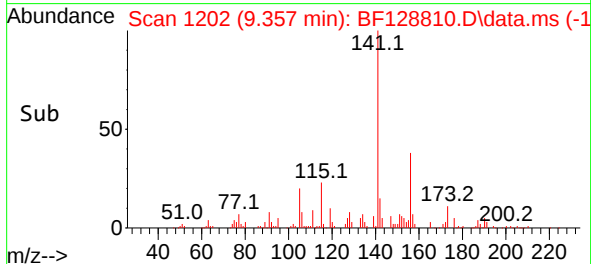
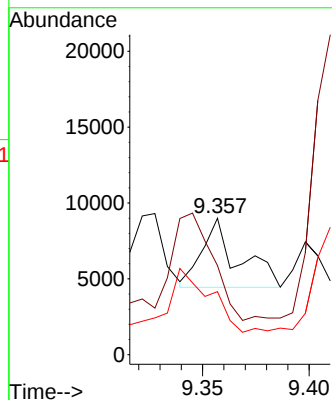
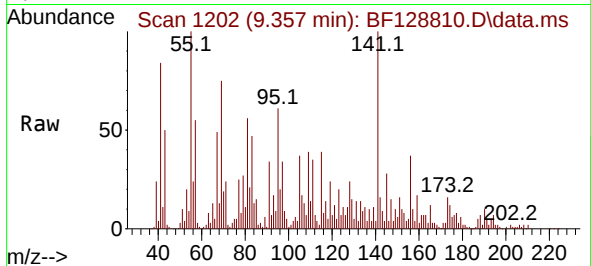




#51  
2,6-Dinitrotoluene  
Concen: 3.819 ng  
RT: 9.357 min Scan# 11  
Delta R.T. -0.259 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

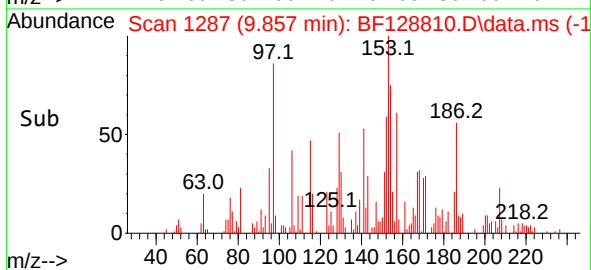
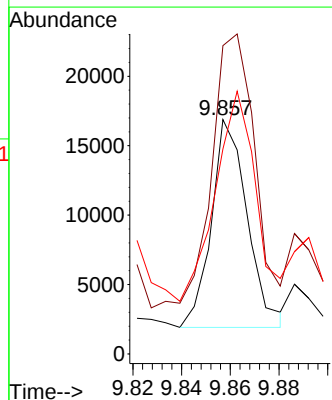
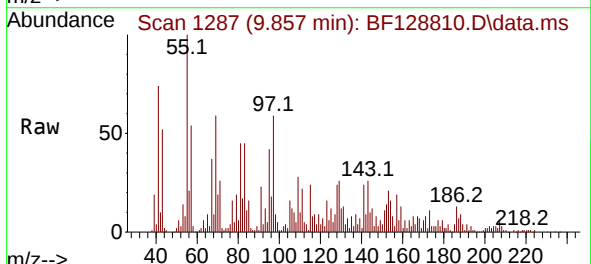
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

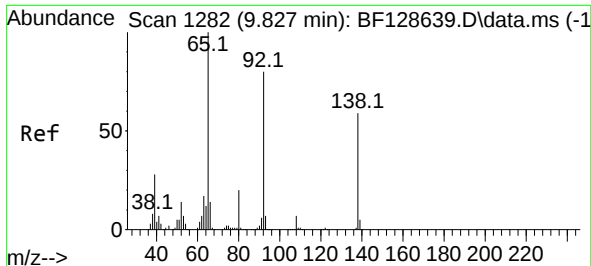
Tgt Ion:165 Resp: 5333  
Ion Ratio Lower Upper  
165 100  
63 65.4 44.9 67.3  
89 46.2 43.6 65.4



#52  
Acenaphthene  
Concen: 2.596 ng  
RT: 9.857 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:154 Resp: 15319  
Ion Ratio Lower Upper  
154 100  
153 131.6 89.6 134.4  
152 87.4 42.4 63.6#

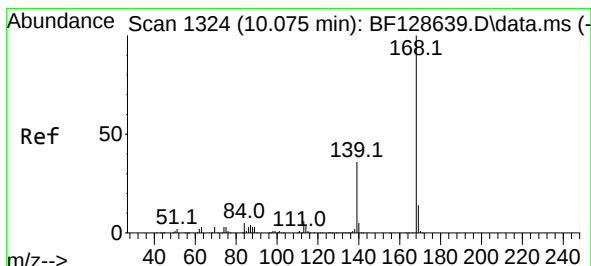
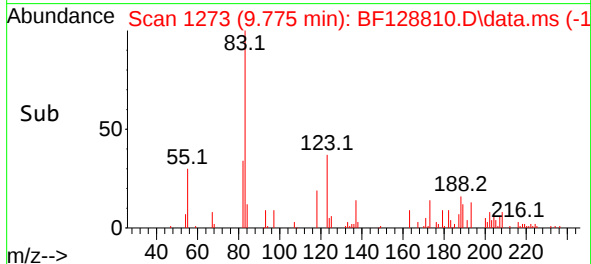
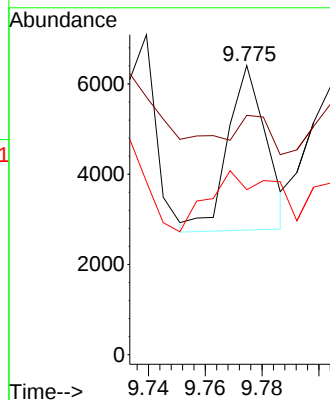
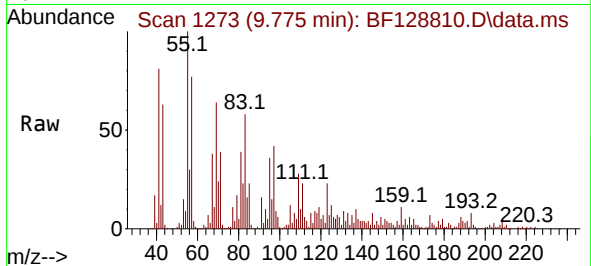




#53  
3-Nitroaniline  
Concen: 2.269 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

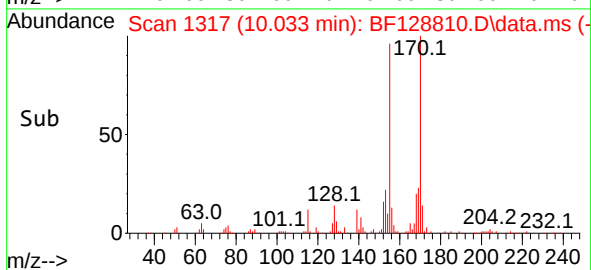
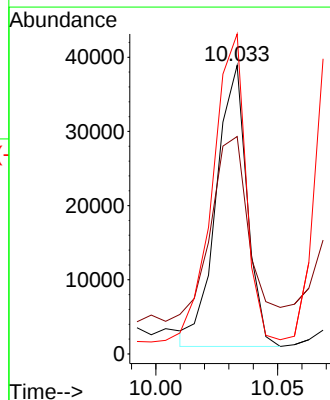
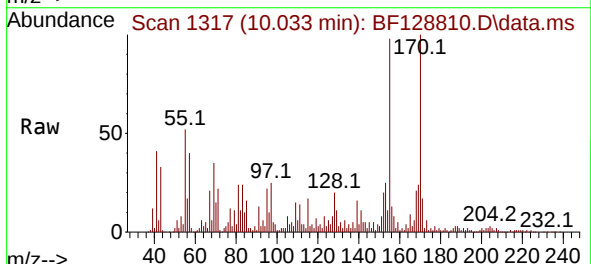
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

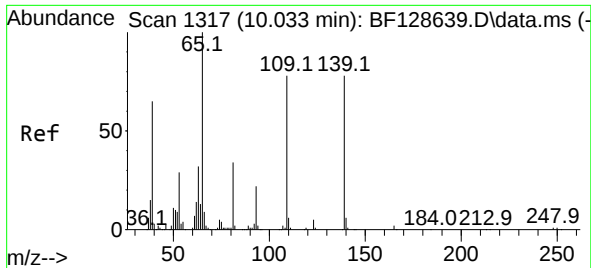
Tgt Ion:138 Resp: 3439  
Ion Ratio Lower Upper  
138 100  
108 82.8 10.9 16.3#  
92 57.1 98.2 147.2#



#55  
Dibenzofuran  
Concen: 3.930 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:168 Resp: 33322  
Ion Ratio Lower Upper  
168 100  
139 75.3 30.6 46.0#  
169 110.9 11.0 16.6#

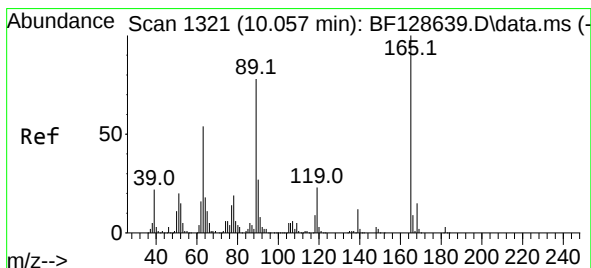
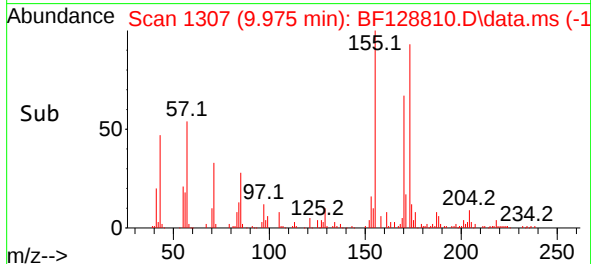
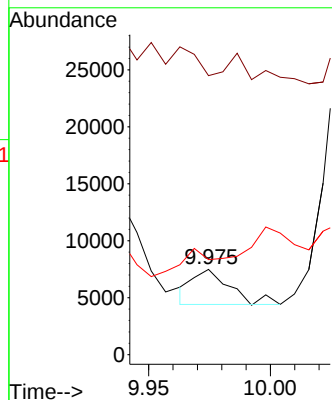
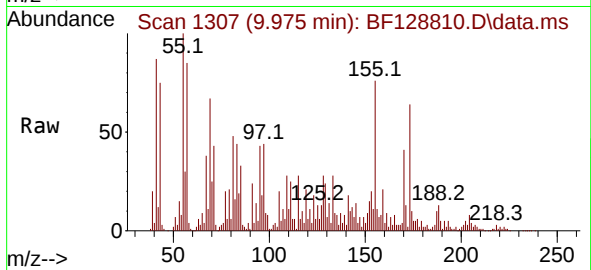




#56  
4-Nitrophenol  
Concen: 3.012 ng  
RT: 9.975 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

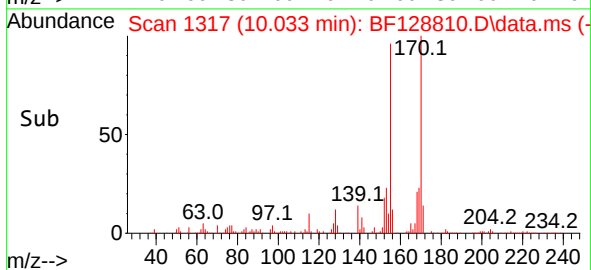
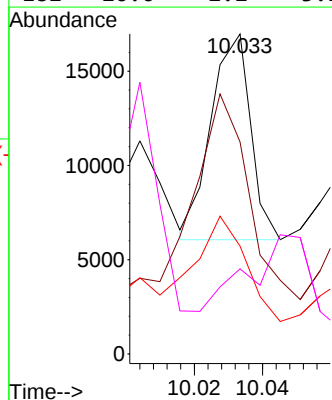
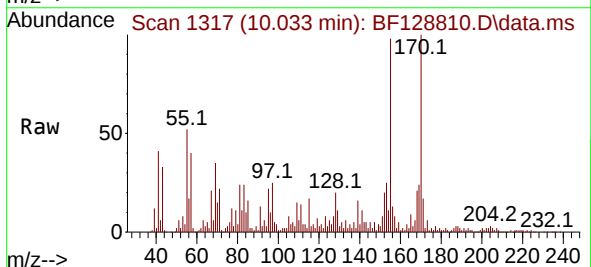
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

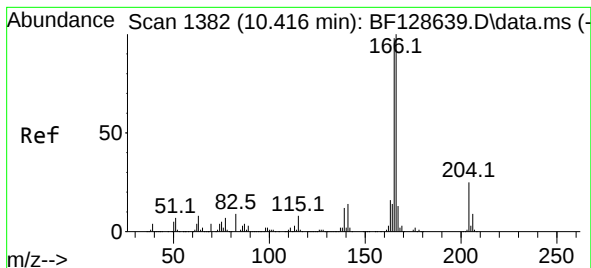
Tgt Ion:139 Resp: 3309  
Ion Ratio Lower Upper  
139 100  
109 326.9 50.7 90.7#  
65 111.3 74.5 114.5



#57  
2,4-Dinitrotoluene  
Concen: 4.724 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. 0.012 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:165 Resp: 8803  
Ion Ratio Lower Upper  
165 100  
63 66.3 39.8 59.6#  
89 33.7 60.2 90.2#  
182 26.6 2.2 3.2#





#58

Fluorene

Concen: 6.873 ng

RT: 10.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

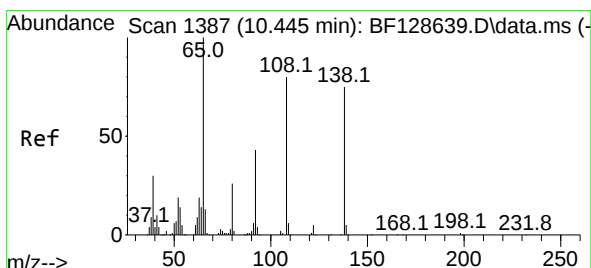
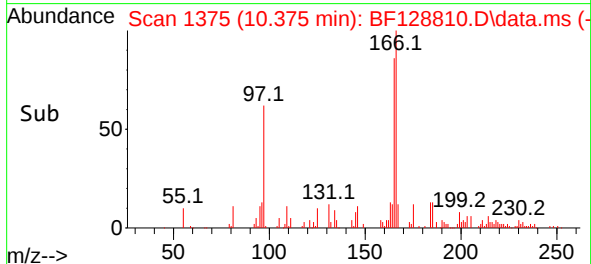
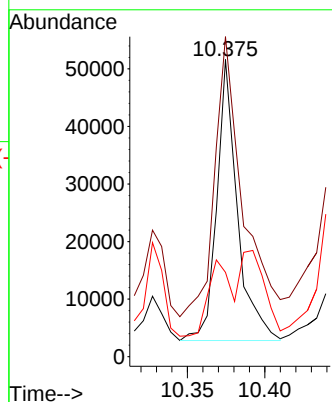
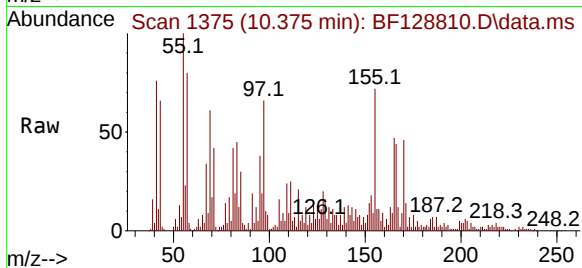
Tgt Ion:166 Resp: 45193

Ion Ratio Lower Upper

166 100

165 107.7 78.1 117.1

167 28.4 10.5 15.7#



#62

4-Nitroaniline

Concen: 3.174 ng

RT: 10.280 min Scan# 1359

Delta R.T. -0.124 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

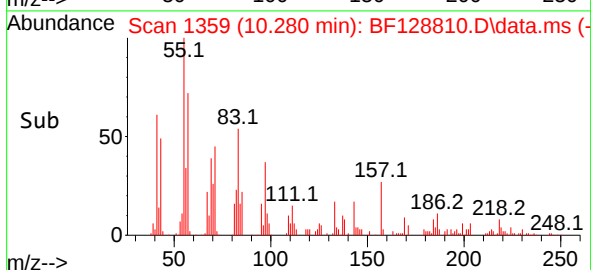
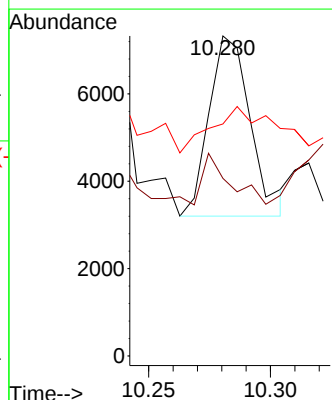
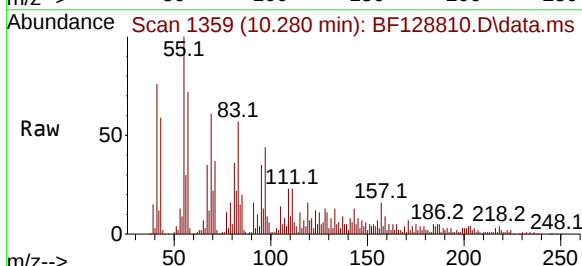
Tgt Ion:138 Resp: 4870

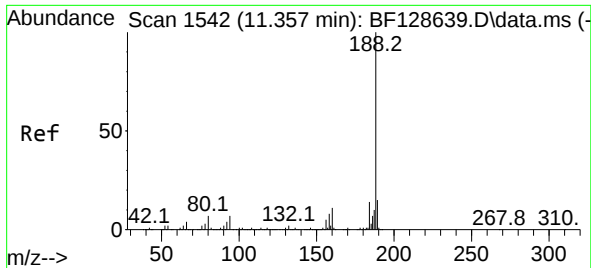
Ion Ratio Lower Upper

138 100

92 55.5 33.5 73.5

108 72.5 61.0 101.0

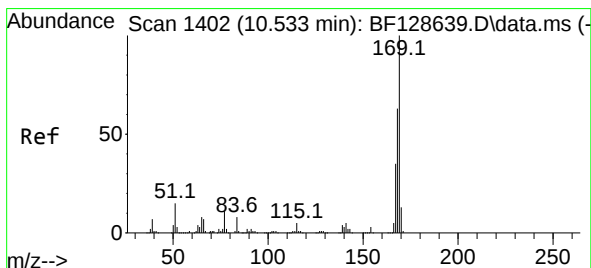
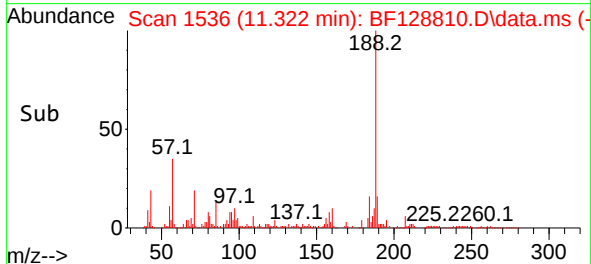
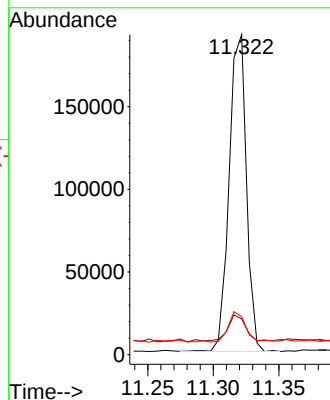
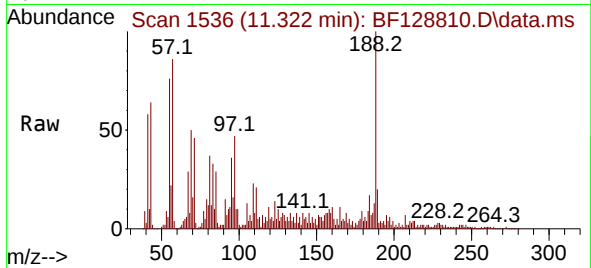




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

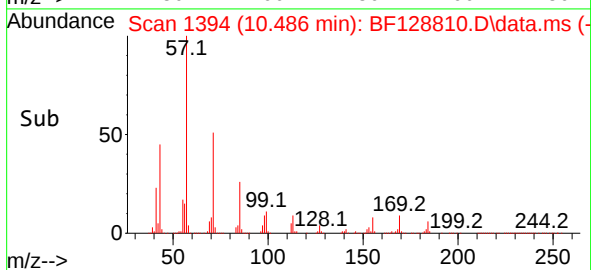
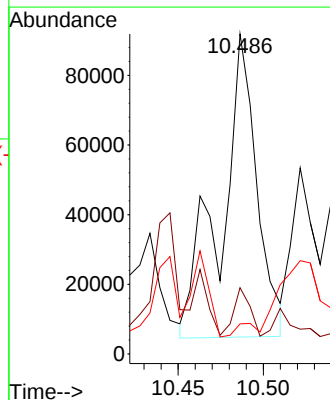
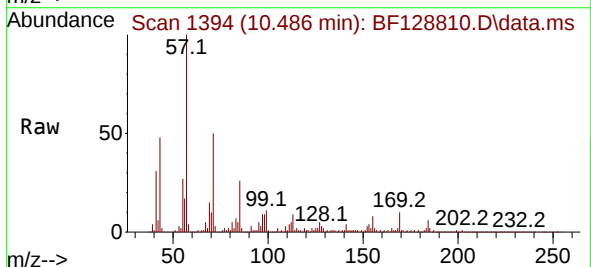
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

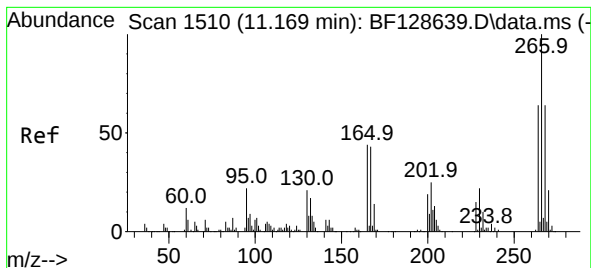
Tgt Ion:188 Resp: 175663  
Ion Ratio Lower Upper  
188 100  
94 11.1 7.0 10.6#  
80 11.9 7.6 11.4#



#66  
n-Nitrosodiphenylamine  
Concen: 23.614 ng  
RT: 10.486 min Scan# 1394  
Delta R.T. -0.006 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:169 Resp: 127497  
Ion Ratio Lower Upper  
169 100  
168 20.7 50.1 75.1#  
167 9.4 27.9 41.9#





#70

Pentachlorophenol

Concen: 2.227 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

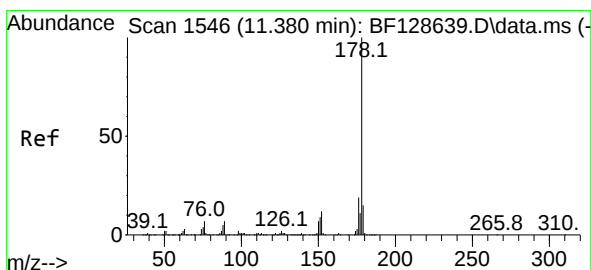
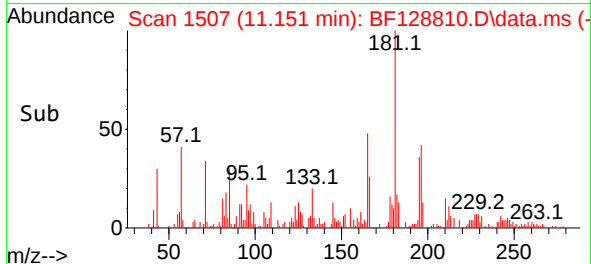
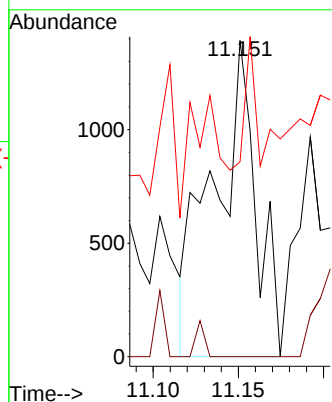
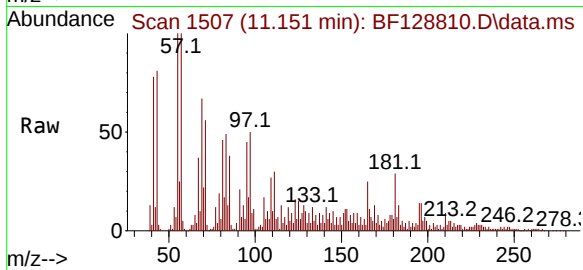
Tgt Ion:266 Resp: 2419

Ion Ratio Lower Upper

266 100

268 0.0 51.0 76.4#

264 61.6 49.4 74.2



#71

Phenanthrene

Concen: 19.852 ng

RT: 11.345 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

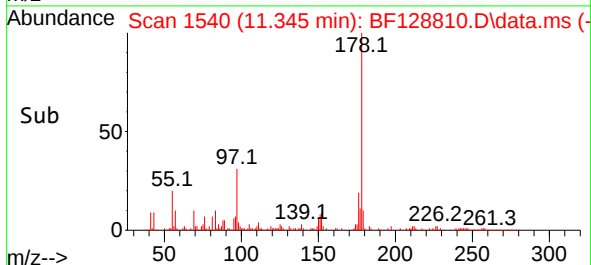
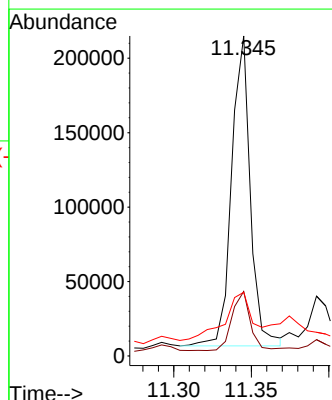
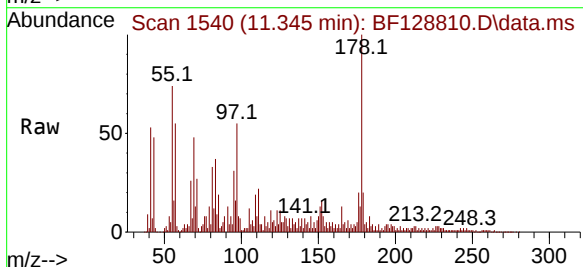
Tgt Ion:178 Resp: 174916

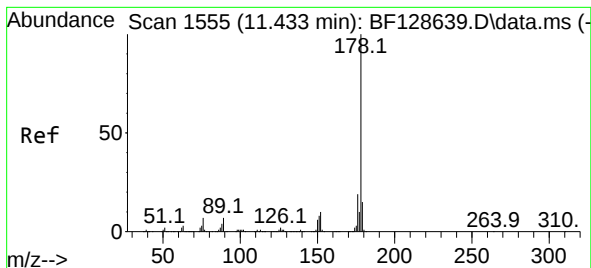
Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 19.9 12.6 19.0#





#72

Anthracene

Concen: 3.217 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

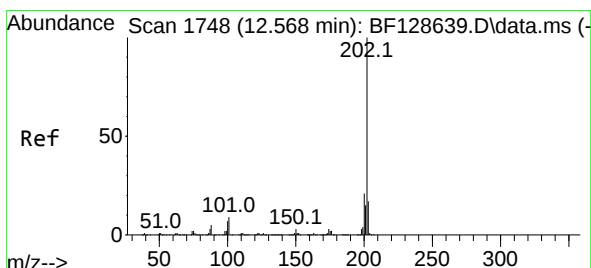
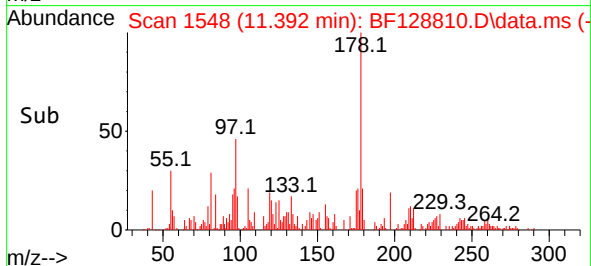
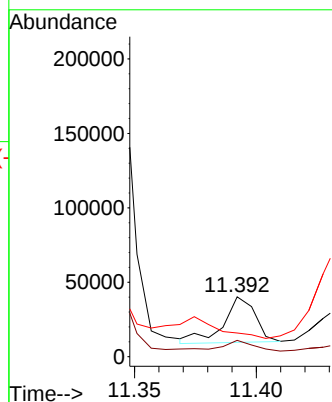
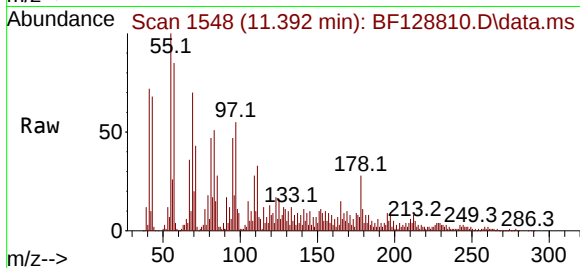
Tgt Ion:178 Resp: 28055

Ion Ratio Lower Upper

178 100

176 27.3 15.4 23.2#

179 39.6 12.6 19.0#



#75

Fluoranthene

Concen: 18.110 ng

RT: 12.780 min Scan# 1784

Delta R.T. 0.253 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

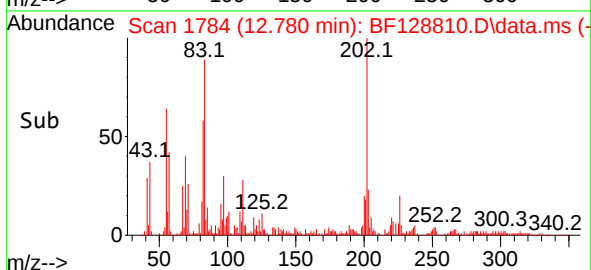
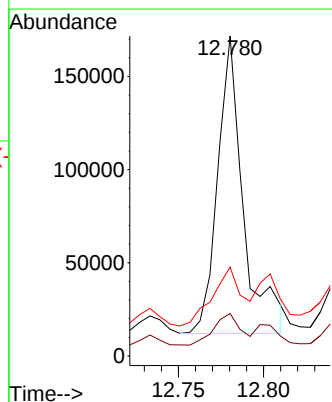
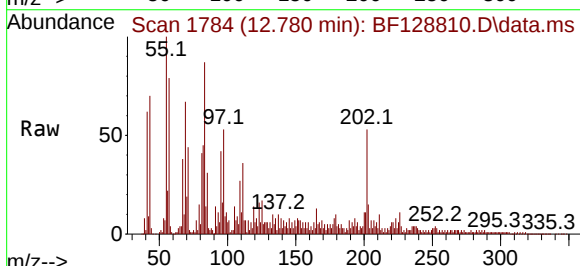
Tgt Ion:202 Resp: 166796

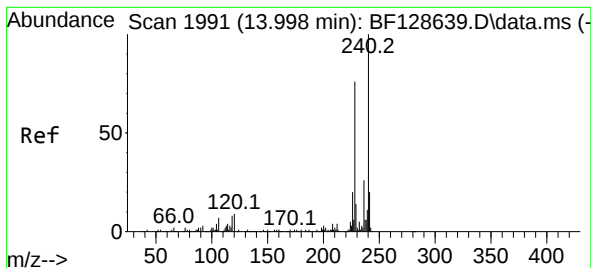
Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.4

203 27.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1991

Delta R.T. 0.041 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

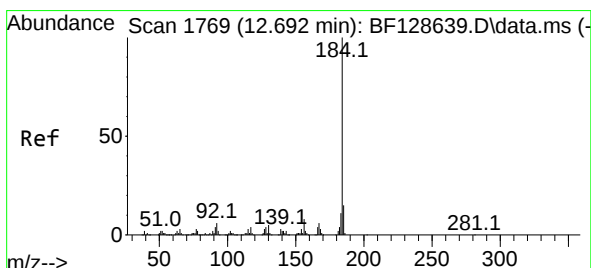
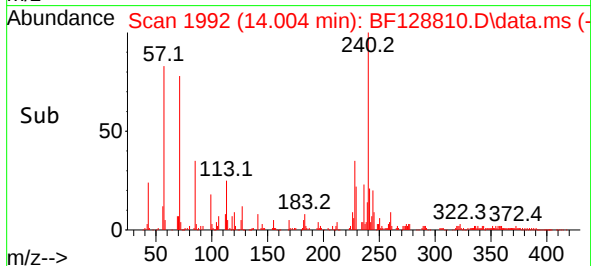
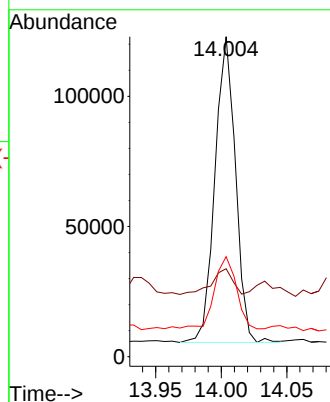
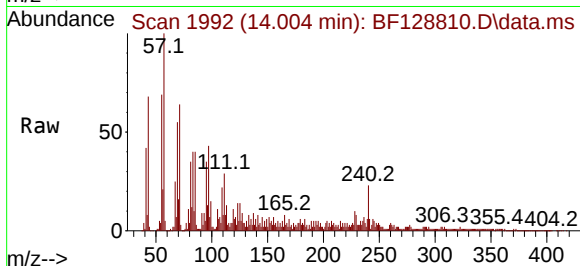
Tgt Ion:240 Resp: 127659

Ion Ratio Lower Upper

240 100

120 27.5 8.9 13.3#

236 31.3 20.8 31.2#



#77

Benzidine

Concen: 2.961 ng

RT: 12.710 min Scan# 1772

Delta R.T. 0.059 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

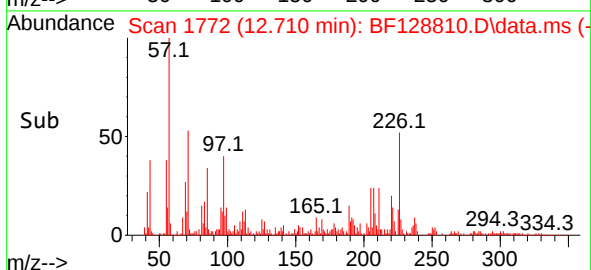
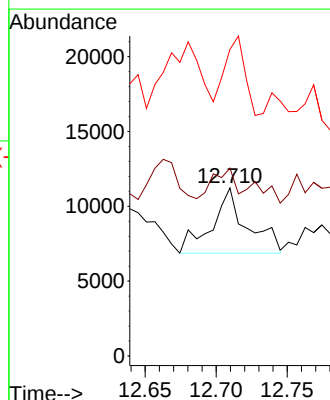
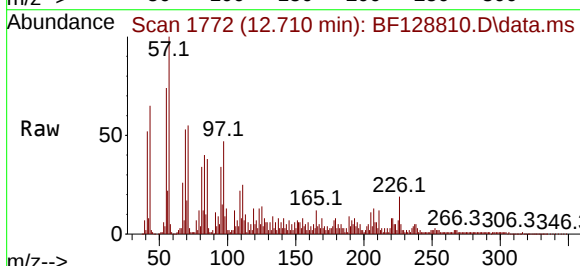
Tgt Ion:184 Resp: 7535

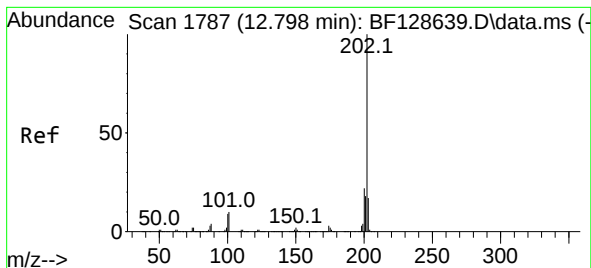
Ion Ratio Lower Upper

184 100

185 111.8 11.9 17.9#

183 182.5 9.3 13.9#





#78

Pyrene

Concen: 18.004 ng

RT: 12.780 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

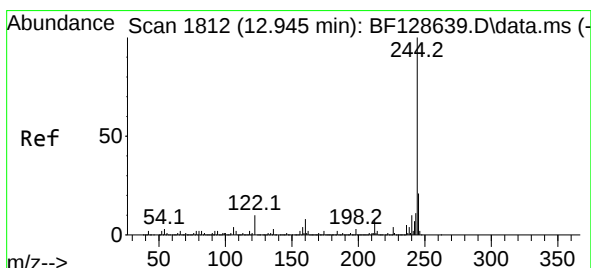
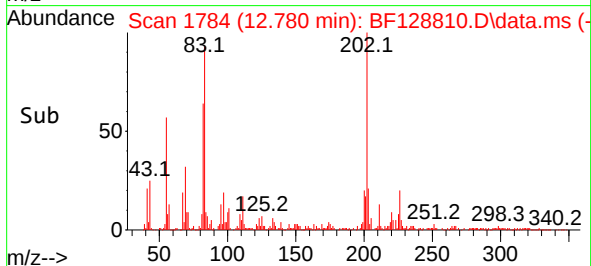
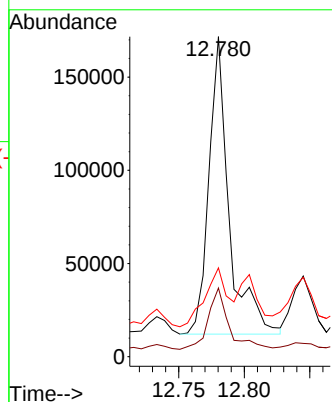
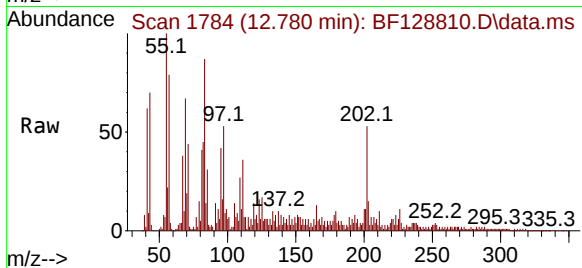
Tgt Ion:202 Resp: 171000

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

203 27.8 14.6 21.8#



#79

Terphenyl-d14

Concen: 52.918 ng

RT: 12.927 min Scan# 1809

Delta R.T. 0.023 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

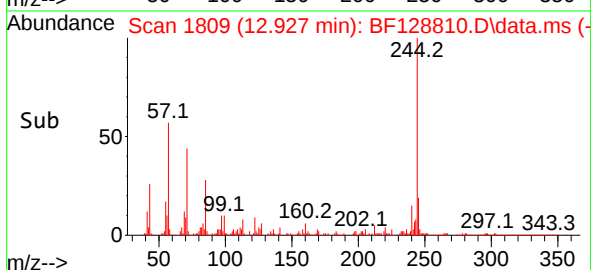
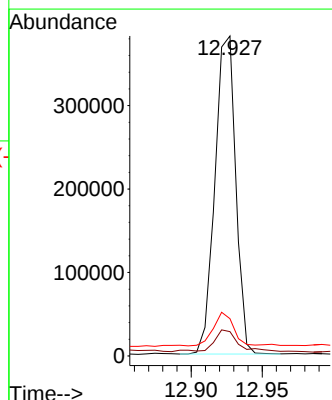
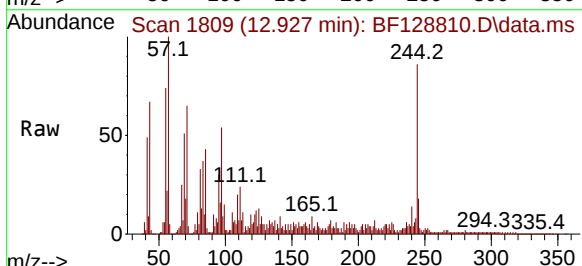
Tgt Ion:244 Resp: 388773

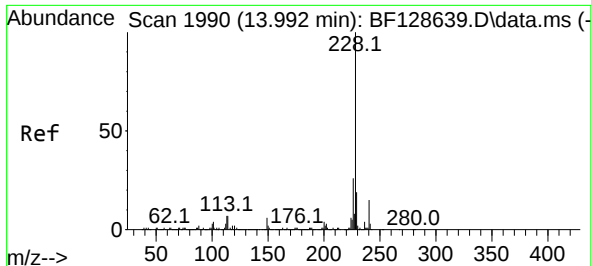
Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 11.6 8.8 13.2

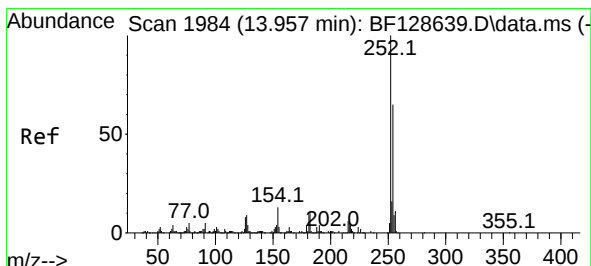
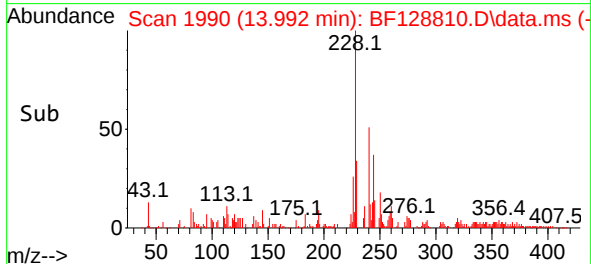
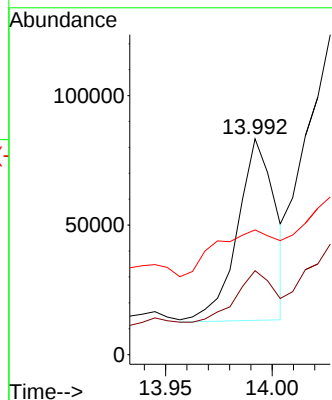
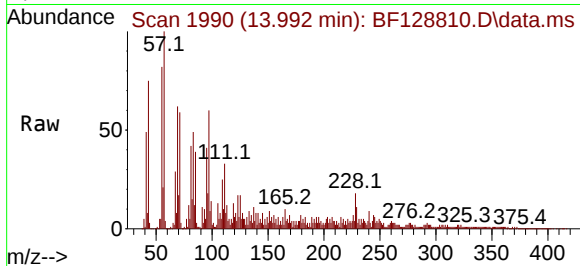




#81  
Benzo(a)anthracene  
Concen: 10.928 ng  
RT: 13.992 min Scan# 1990  
Delta R.T. 0.041 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

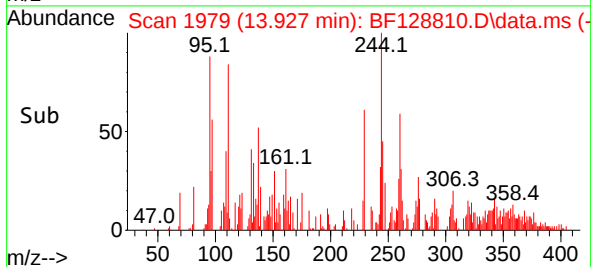
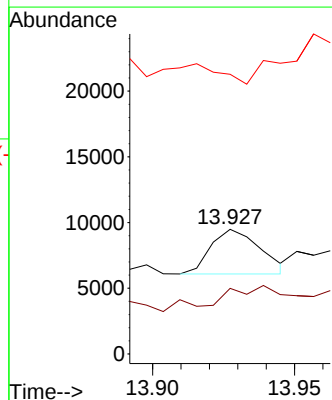
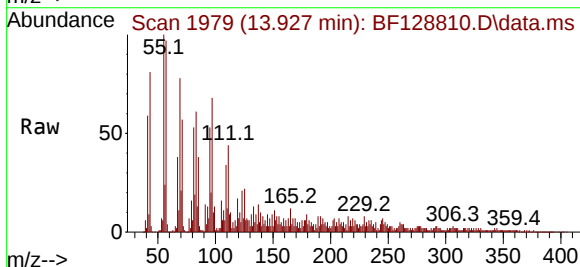
Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

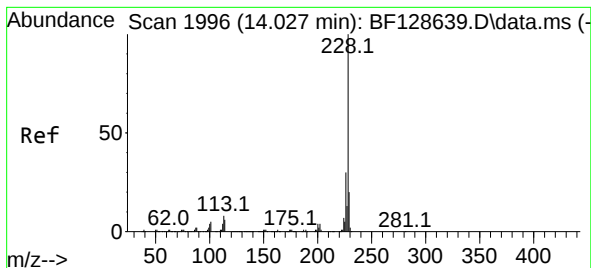
Tgt Ion:228 Resp: 86957  
Ion Ratio Lower Upper  
228 100  
226 38.9 22.1 33.1#  
229 57.8 15.8 23.8#



#82  
3,3'-Dichlorobenzidine  
Concen: 2.413 ng  
RT: 13.927 min Scan# 1979  
Delta R.T. 0.012 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:252 Resp: 4108  
Ion Ratio Lower Upper  
252 100  
254 52.7 50.2 75.4  
126 224.2 8.2 12.4#





#83

Chrysene

Concen: 20.205 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.035 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

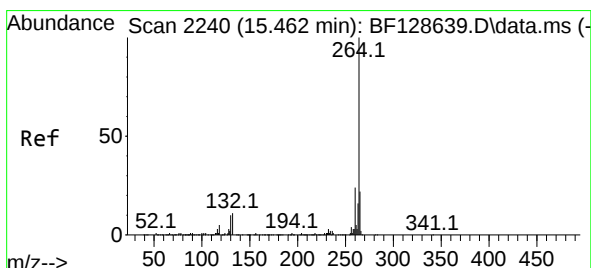
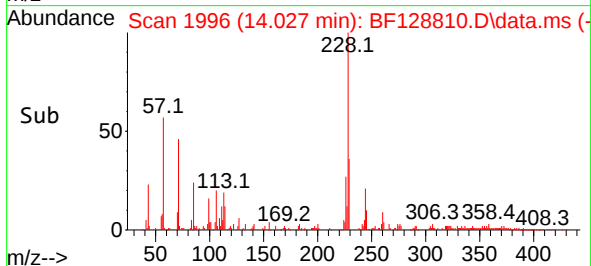
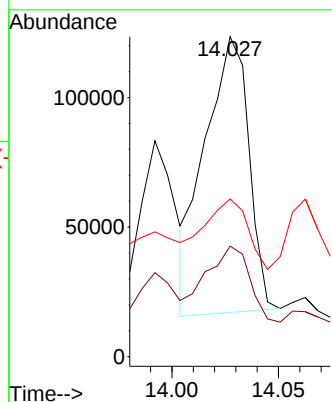
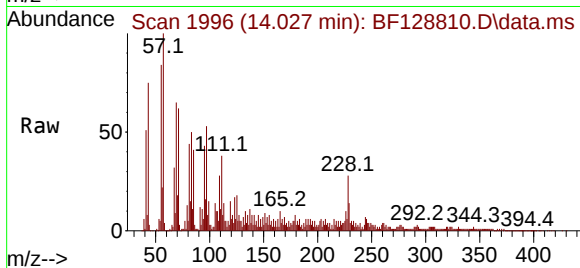
Tgt Ion:228 Resp: 153282

Ion Ratio Lower Upper

228 100

226 34.6 24.3 36.5

229 49.3 15.9 23.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2244

Delta R.T. 0.071 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

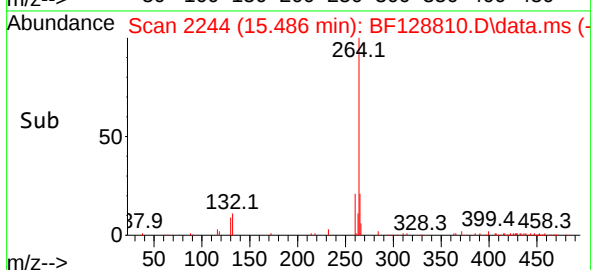
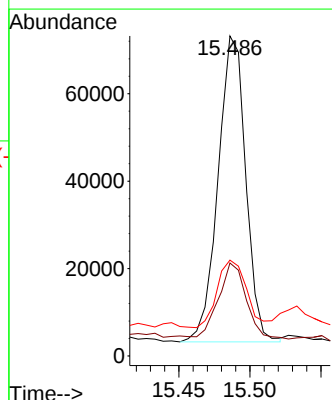
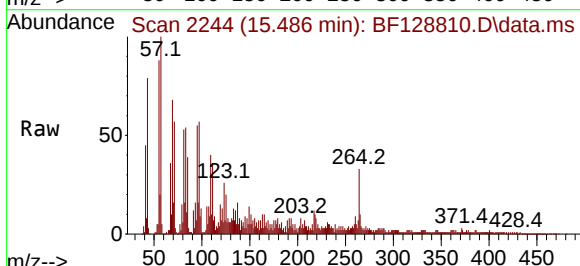
Tgt Ion:264 Resp: 94838

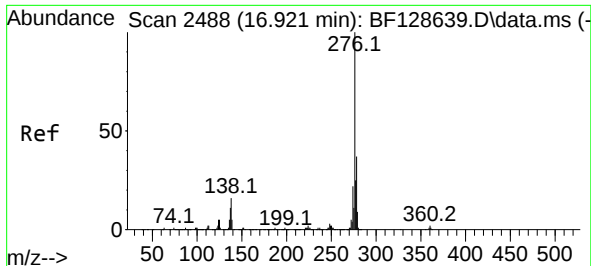
Ion Ratio Lower Upper

264 100

260 29.1 18.4 27.6#

265 30.0 17.2 25.8#

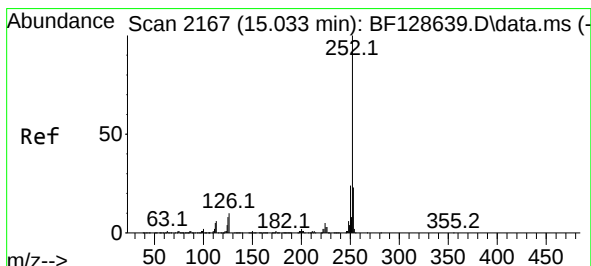
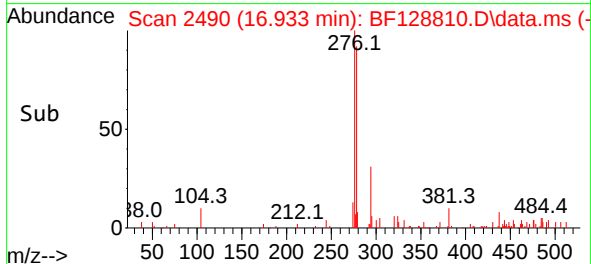
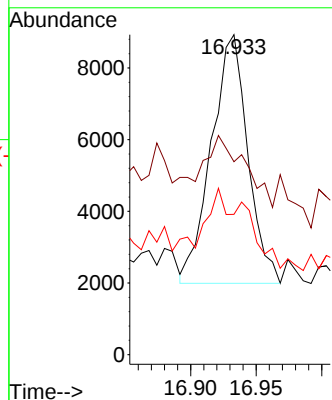
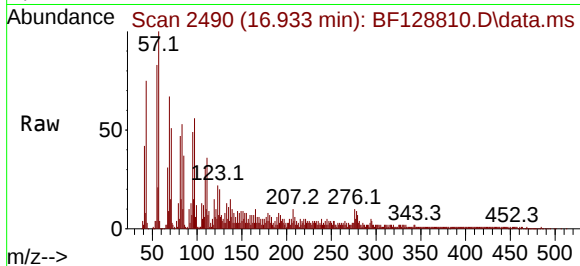




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.345 ng  
 RT: 16.933 min Scan# 2488  
 Delta R.T. 0.071 min  
 Lab File: BF128810.D  
 Acq: 14 Jun 2022 20:14

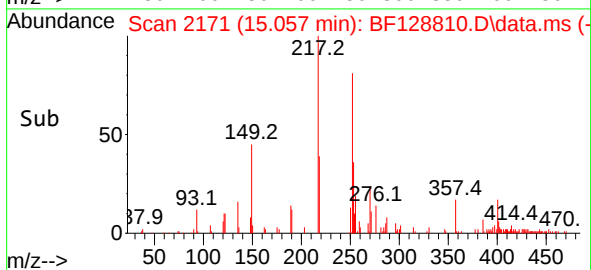
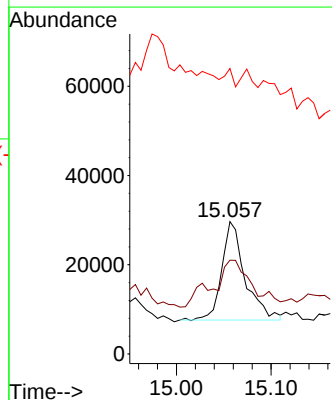
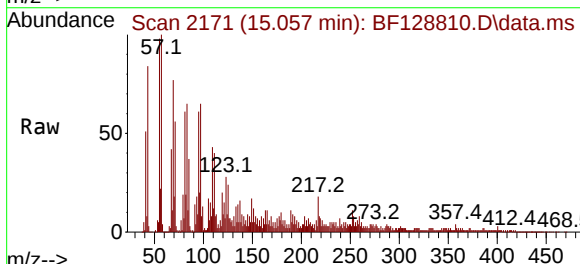
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-14A-1A-7

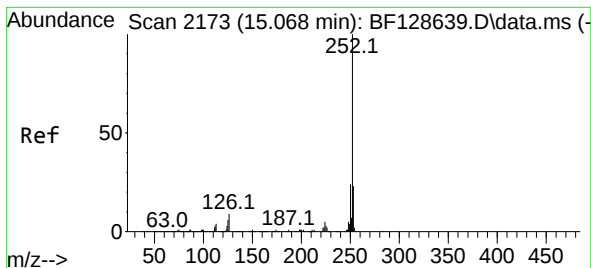
Tgt Ion:276 Resp: 13402  
 Ion Ratio Lower Upper  
 276 100  
 138 30.1 21.1 31.7  
 277 37.7 20.3 30.5#



#88  
 Benzo(b)fluoranthene  
 Concen: 6.224 ng  
 RT: 15.057 min Scan# 2171  
 Delta R.T. 0.065 min  
 Lab File: BF128810.D  
 Acq: 14 Jun 2022 20:14

Tgt Ion:252 Resp: 37718  
 Ion Ratio Lower Upper  
 252 100  
 253 70.9 17.7 26.5#  
 125 215.8 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 6.616 ng

RT: 15.057 min Scan# 2171

Delta R.T. 0.029 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

Instrument :

BNA\_F

ClientSampleId :

WC-14A-1A-7

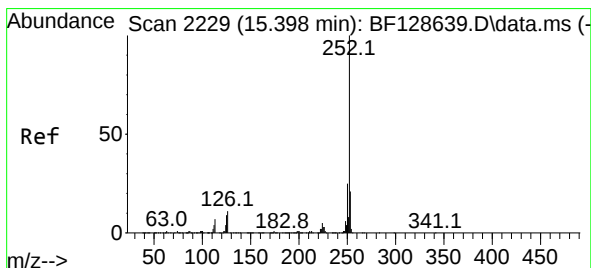
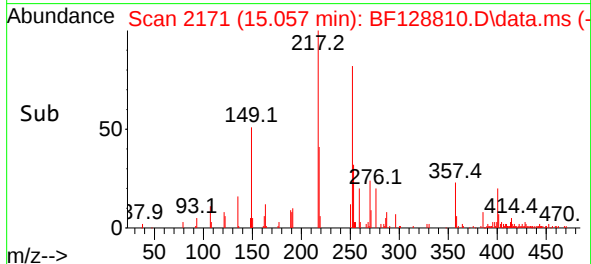
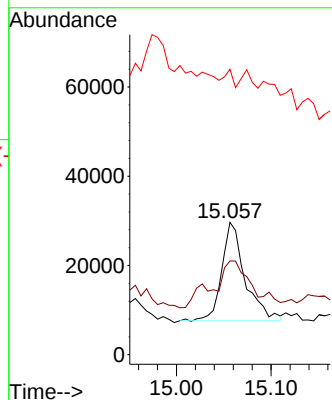
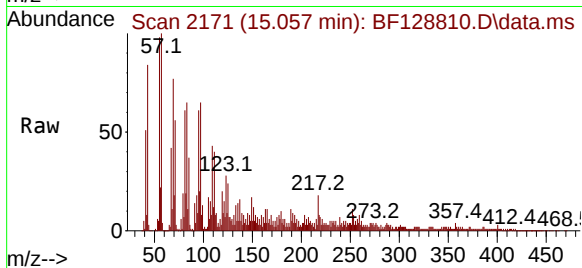
Tgt Ion:252 Resp: 37718

Ion Ratio Lower Upper

252 100

253 70.9 17.8 26.6#

125 215.8 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 9.431 ng

RT: 15.427 min Scan# 2234

Delta R.T. 0.071 min

Lab File: BF128810.D

Acq: 14 Jun 2022 20:14

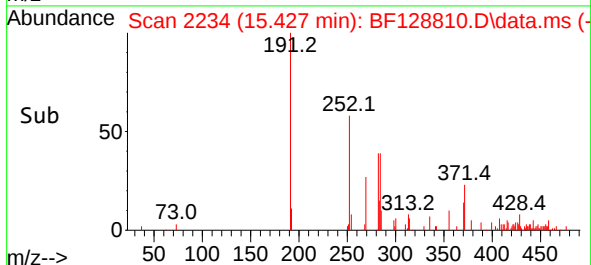
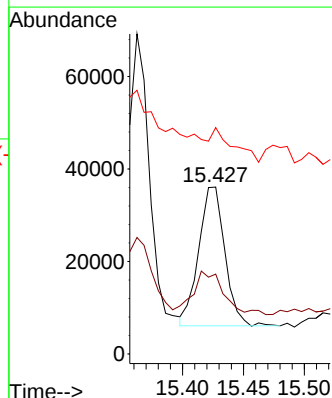
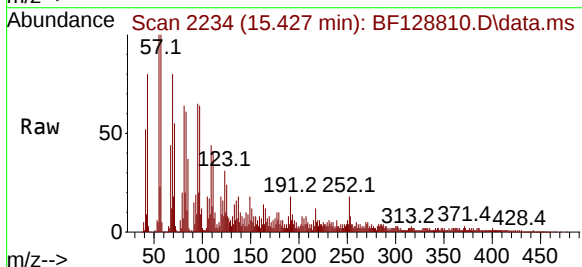
Tgt Ion:252 Resp: 44918

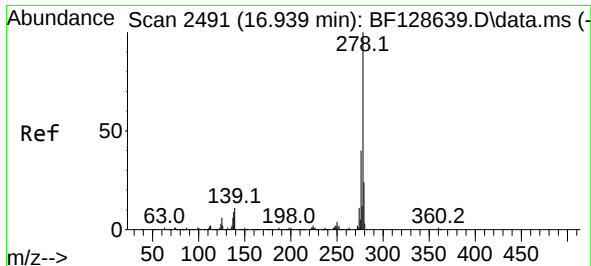
Ion Ratio Lower Upper

252 100

253 47.9 17.0 25.6#

125 135.7 8.8 13.2#

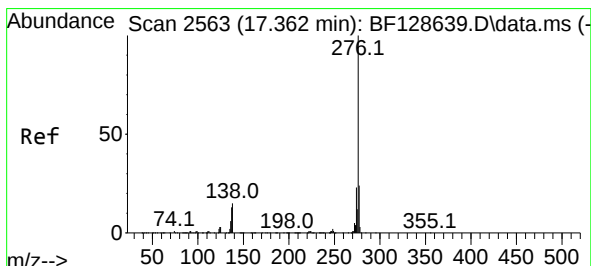
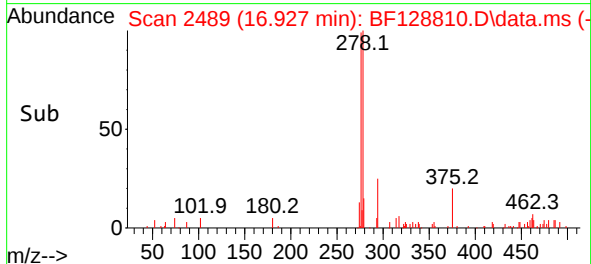
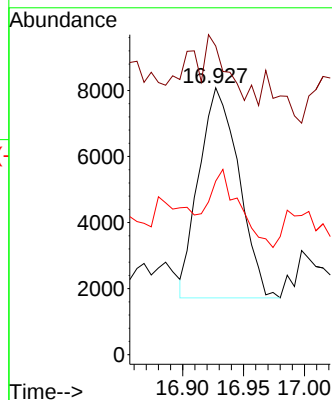
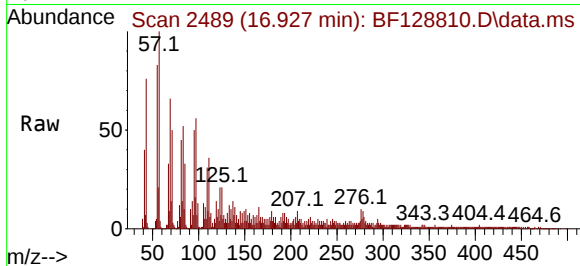




#91  
Dibenzo(a,h)anthracene  
Concen: 3.051 ng  
RT: 16.927 min Scan# 2491  
Delta R.T. 0.053 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Instrument :  
BNA\_F  
ClientSampleId :  
WC-14A-1A-7

Tgt Ion:278 Resp: 14468  
Ion Ratio Lower Upper  
278 100  
139 115.6 12.8 19.2#  
279 65.1 18.6 28.0#



#92  
Benzo(g,h,i)perylene  
Concen: 6.927 ng  
RT: 17.368 min Scan# 2564  
Delta R.T. 0.071 min  
Lab File: BF128810.D  
Acq: 14 Jun 2022 20:14

Tgt Ion:276 Resp: 32552  
Ion Ratio Lower Upper  
276 100  
277 37.3 19.1 28.7#  
138 34.2 18.0 27.0#

