

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081122\  
 Data File : BF129736.D  
 Acq On : 12 Aug 2022 02:32  
 Operator : CG\JU  
 Sample : N4102-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PPE-DRUMS-0808

Quant Time: Aug 12 02:56:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 11 23:50:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 127559   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 384545   | 20.000  | ng    | # 0.01   |
| 39) Acenaphthene-d10          | 9.892  | 164  | 201669   | 20.000  | ng    | # 0.01   |
| 64) Phenanthrene-d10          | 11.381 | 188  | 275832   | 20.000  | ng    | # 0.01   |
| 76) Chrysene-d12              | 14.022 | 240  | 245302   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 194945   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 779774   | 99.581  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.493  | 99   | 987556   | 100.336 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 566247   | 80.382  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 191073   | 98.547  | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 917863   | 70.407  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 985947   | 75.828  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 9) Benzaldehyde               | 6.387  | 77   | 21341    | 3.193   | ng    | # 1      |
| 18) Hexachloroethane          | 7.369  | 117  | 174942   | 49.790  | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 13062    | 2.192   | ng    | # 63     |
| 22) Acetophenone              | 7.298  | 105  | 22723    | 2.538   | ng    | # 54     |
| 24) Nitrobenzene              | 7.404  | 77   | 53726    | 7.406   | ng    | # 15     |
| 25) Isophorone                | 7.640  | 82   | 41698    | 3.302   | ng    | # 1      |
| 28) bis(2-Chloroethoxy)met... | 7.610  | 93   | 83469    | 11.395  | ng    | 97       |
| 31) Naphthalene               | 8.169  | 128  | 10365242 | 530.538 | ng    | # 90     |
| 32) Benzoic acid              | 7.904  | 122  | 11010    | 2.837   | ng    | # 1      |
| 33) 4-Chloroaniline           | 8.169  | 127  | 1618546  | 201.785 | ng    | # 29     |
| 35) Caprolactam               | 8.563  | 113  | 9893     | 5.492   | ng    | # 1      |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 13064    | 2.223   | ng    | # 52     |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 7052072  | 555.438 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 6834803  | 557.650 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 1359417  | 92.366  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.269  | 65   | 12126    | 3.065   | ng    | 87       |
| 49) Acenaphthylene            | 9.763  | 152  | 872498   | 48.261  | ng    | # 67     |
| 51) 2,6-Dinitrotoluene        | 9.734  | 165  | 25001    | 8.023   | ng    | # 65     |
| 52) Acenaphthene              | 9.957  | 154  | 6779603  | 574.152 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 7886     | 4.958   | ng    | # 1      |
| 55) Dibenzofuran              | 10.104 | 168  | 801926   | 49.266  | ng    | # 52     |
| 56) 4-Nitrophenol             | 10.039 | 139  | 34568    | 12.734  | ng    | # 56     |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 140371   | 34.484  | ng    | # 58     |
| 58) Fluorene                  | 10.422 | 166  | 1100688  | 84.512  | ng    | # 69     |
| 62) 4-Nitroaniline            | 10.563 | 138  | 9587     | 2.627   | ng    | 88       |
| 63) Azobenzene                | 10.604 | 77   | 77725    | 5.662   | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 378659   | 41.222  | ng    | # 64     |
| 71) Phenanthrene              | 11.445 | 178  | 12364632 | 821.192 | ng    | # 88     |
| 72) Anthracene                | 11.445 | 178  | 12364632 | 835.642 | ng    | # 87     |
| 75) Fluoranthene              | 12.610 | 202  | 3222482  | 211.226 | ng    | 97       |
| 78) Pyrene                    | 12.845 | 202  | 4770959  | 232.584 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 700876   | 41.827  | ng    | 95       |
| 83) Chrysene                  | 14.051 | 228  | 700876   | 44.381  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 46874    | 4.002   | ng    | 93       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 47724    | 2.831   | ng    | # 1      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 150519   | 11.466  | ng    | 93       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081122\  
Data File : BF129736.D  
Acq On : 12 Aug 2022 02:32  
Operator : CG\JU  
Sample : N4102-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

Quant Time: Aug 12 02:56:09 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 11 23:50:03 2022  
Response via : Initial Calibration

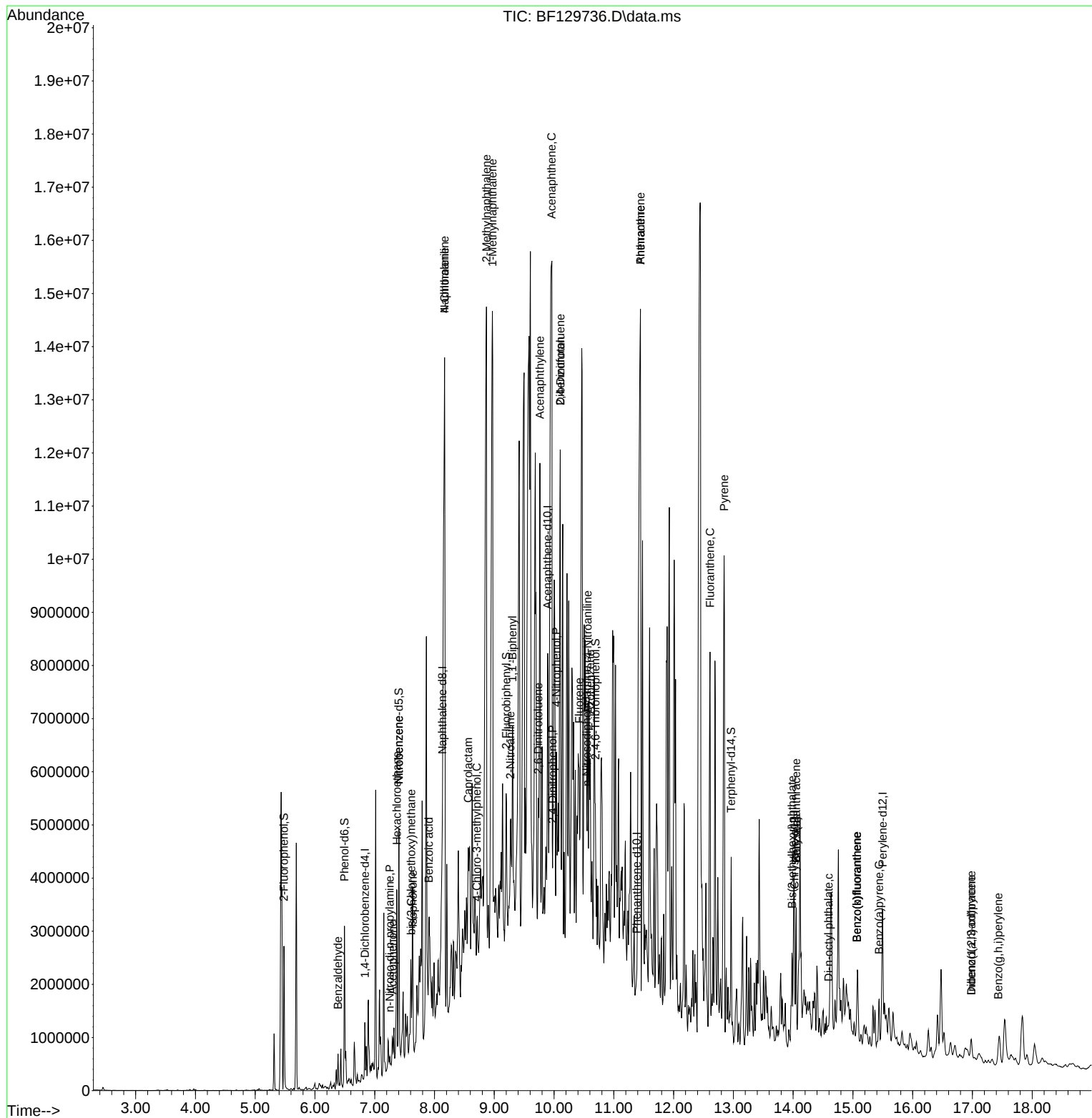
| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| 88) Benzo(b)fluoranthene   | 15.069 | 252  | 522736   | 40.424 | ng    | # 94     |
| 89) Benzo(k)fluoranthene   | 15.069 | 252  | 522736   | 41.250 | ng    | # 94     |
| 90) Benzo(a)pyrene         | 15.439 | 252  | 430591   | 41.019 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene | 16.980 | 278  | 46892    | 4.389  | ng    | # 84     |
| 92) Benzo(g,h,i)perylene   | 17.433 | 276  | 162978   | 14.927 | ng    | 99       |

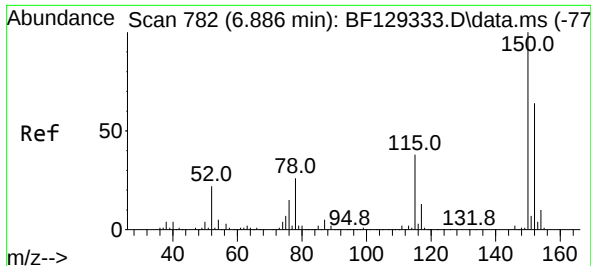
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081122\  
Data File : BF129736.D  
Acq On : 12 Aug 2022 02:32  
Operator : CG\JU  
Sample : N4102-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

Quant Time: Aug 12 02:56:09 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 11 23:50:03 2022  
Response via : Initial Calibration

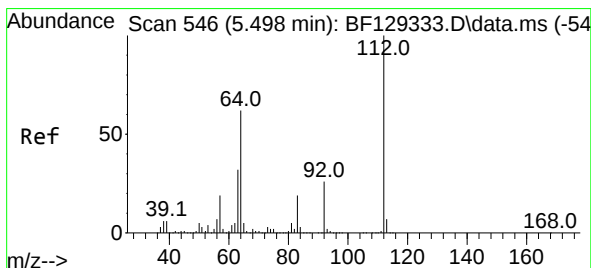
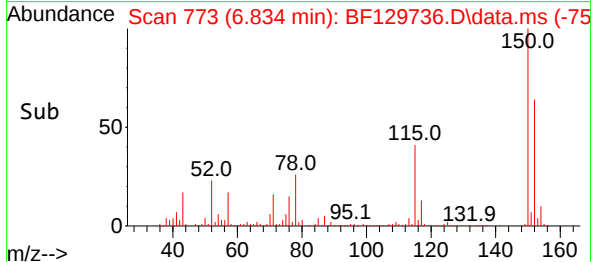
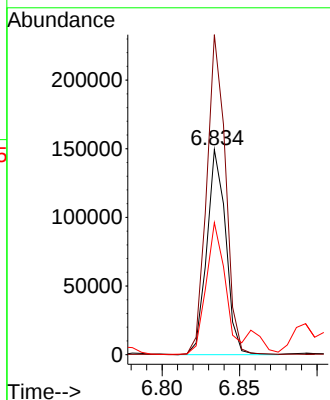
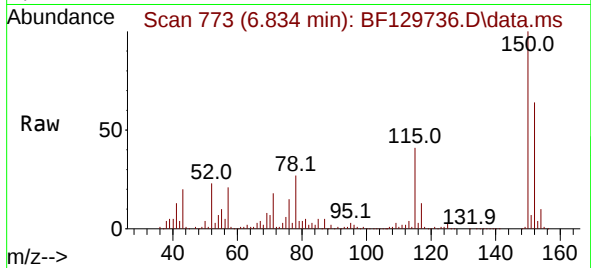




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

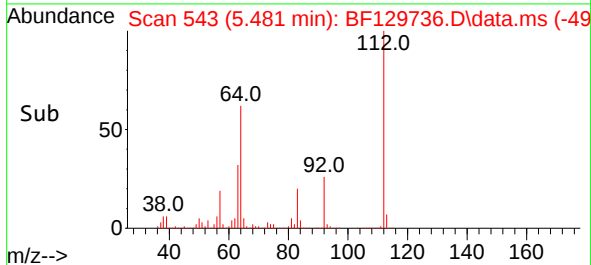
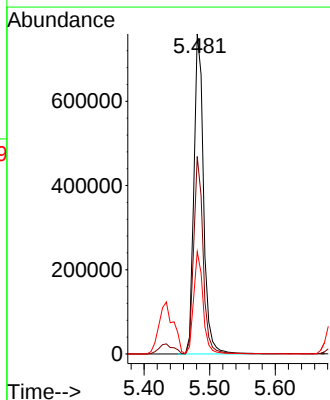
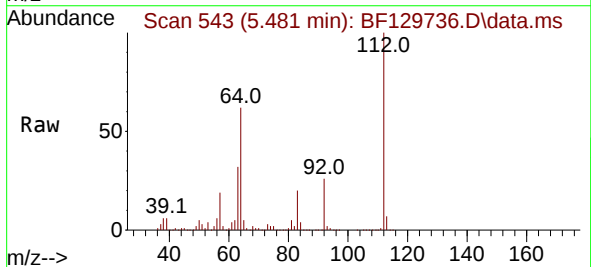
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

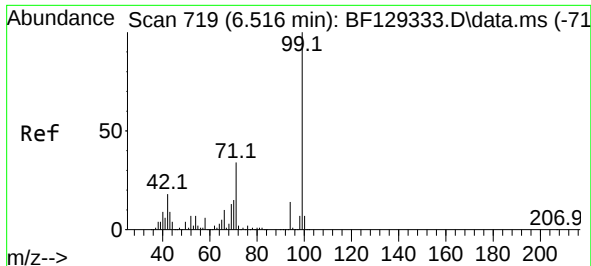
Tgt Ion:152 Resp: 127559  
Ion Ratio Lower Upper  
152 100  
150 156.0 123.7 185.5  
115 64.4 49.9 74.9



#5  
2-Fluorophenol  
Concen: 99.581 ng  
RT: 5.481 min Scan# 543  
Delta R.T. 0.012 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:112 Resp: 779774  
Ion Ratio Lower Upper  
112 100  
64 61.7 53.3 79.9  
63 32.0 28.0 42.0

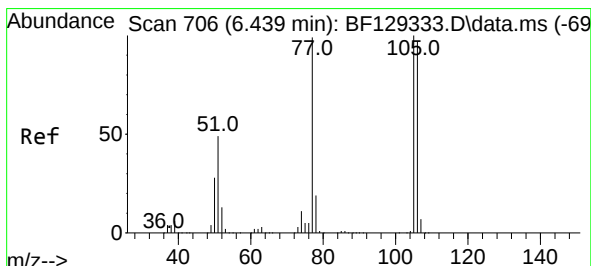
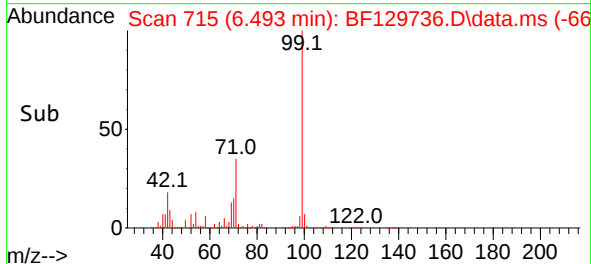
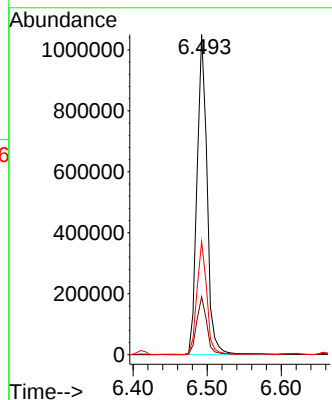
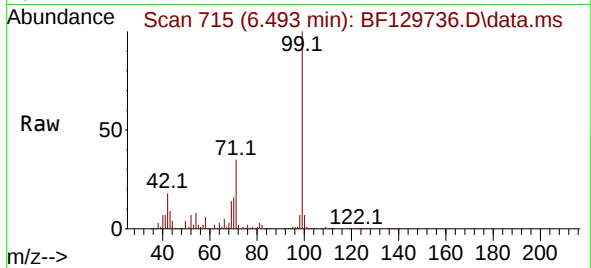




#7  
Phenol-d6  
Concen: 100.336 ng  
RT: 6.493 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

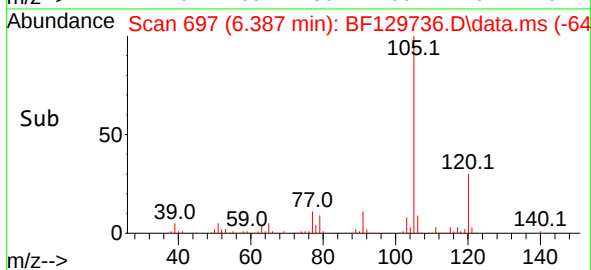
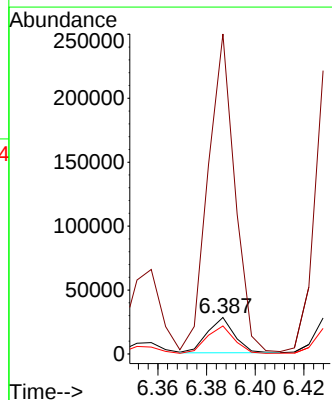
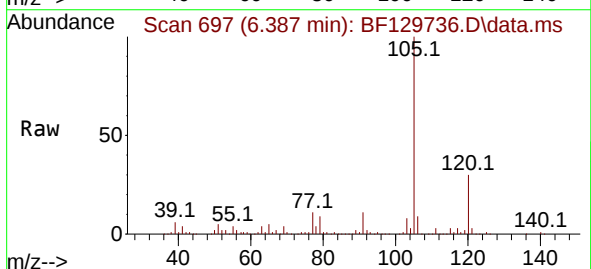
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

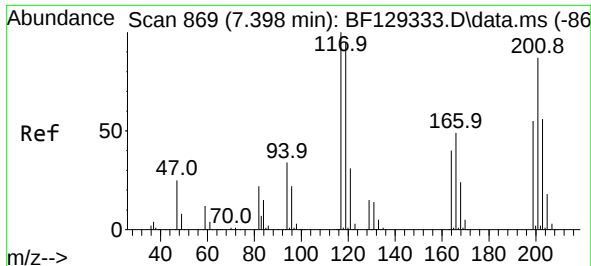
Tgt Ion: 99 Resp: 987556  
Ion Ratio Lower Upper  
99 100  
42 18.1 17.3 25.9  
71 35.3 28.9 43.3



#9  
Benzaldehyde  
Concen: 3.193 ng  
RT: 6.387 min Scan# 697  
Delta R.T. -0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion: 77 Resp: 21341  
Ion Ratio Lower Upper  
77 100  
105 876.2 81.6 121.6#  
106 76.6 76.1 116.1

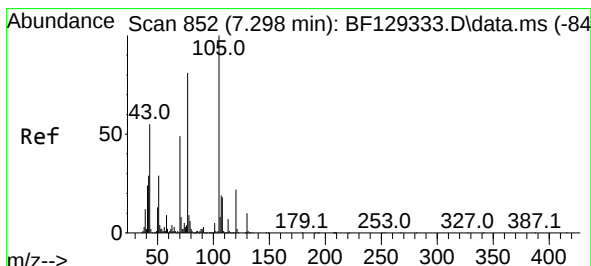
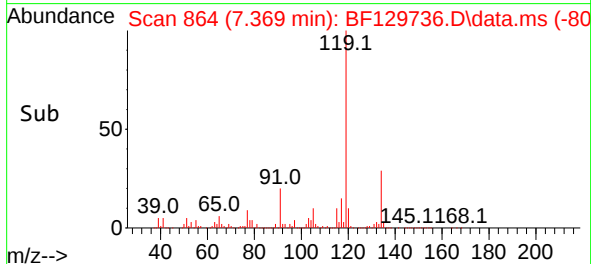
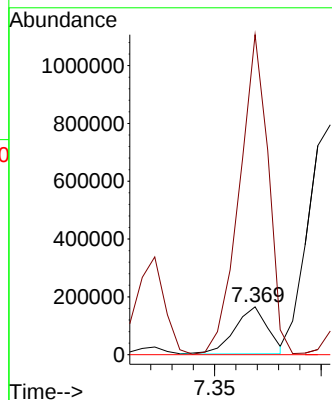
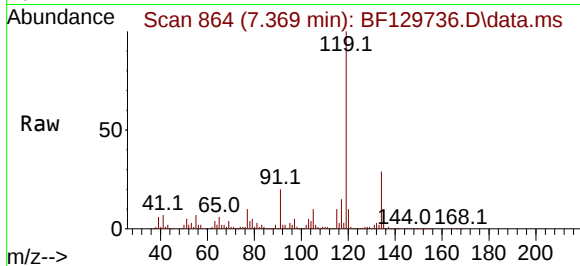




#18  
Hexachloroethane  
Concen: 49.790 ng  
RT: 7.369 min Scan# 80  
Delta R.T. 0.023 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

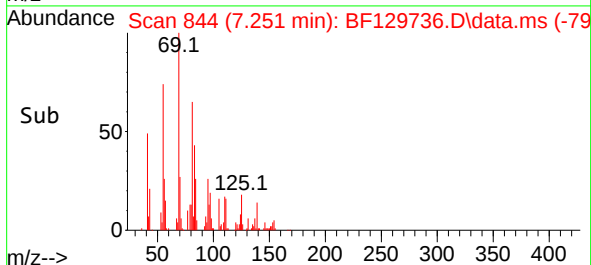
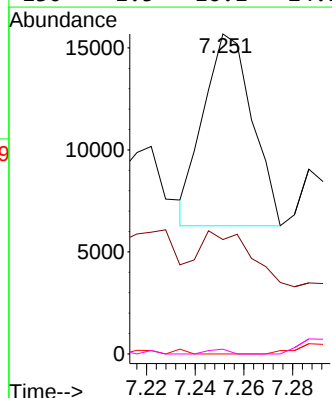
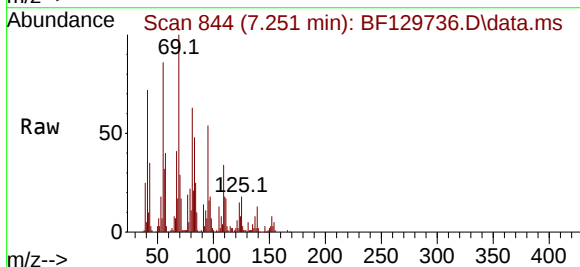
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

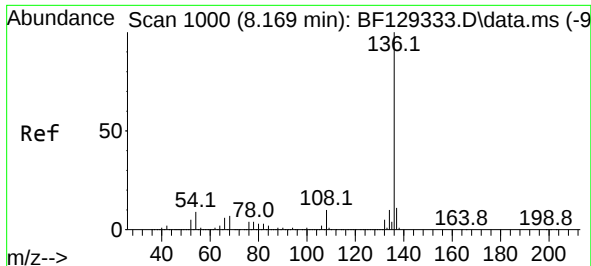
Tgt Ion:117 Resp: 174942  
Ion Ratio Lower Upper  
117 100  
119 669.1 77.4 116.2#  
201 0.0 84.6 127.0#



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.192 ng  
RT: 7.251 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion: 70 Resp: 13062  
Ion Ratio Lower Upper  
70 100  
42 35.8 52.3 78.5#  
101 0.0 7.5 11.3#  
130 1.5 16.1 24.1#

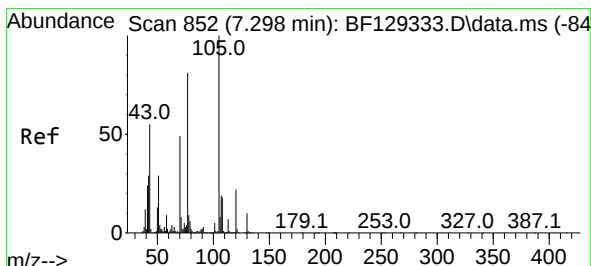
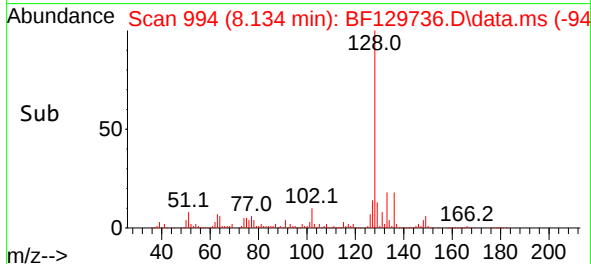
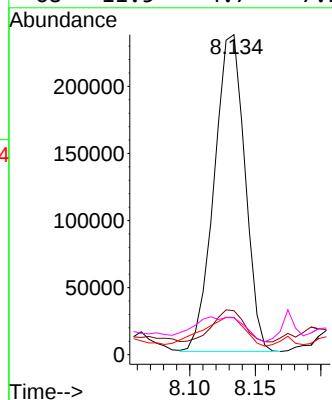
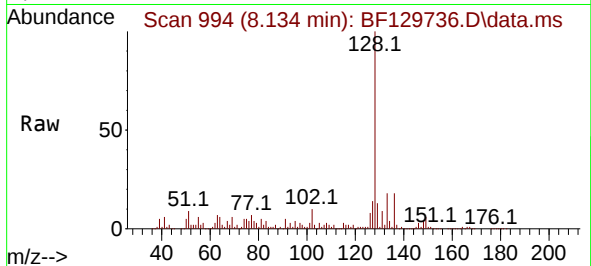




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.134 min Scan# 94  
Delta R.T. 0.012 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

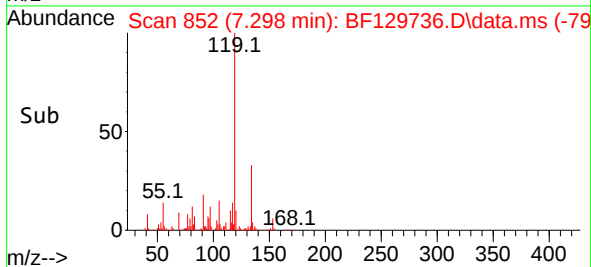
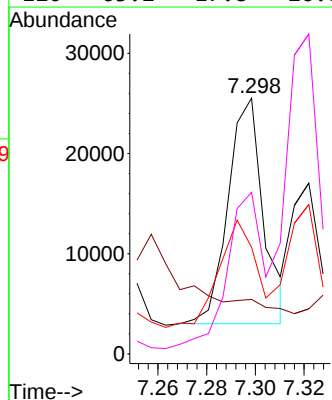
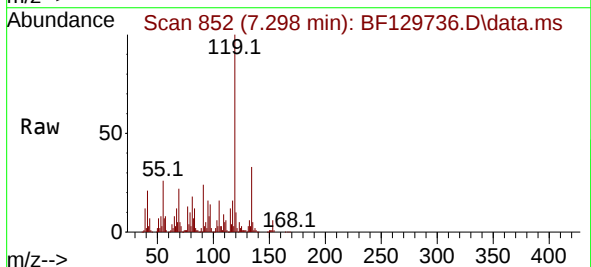
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

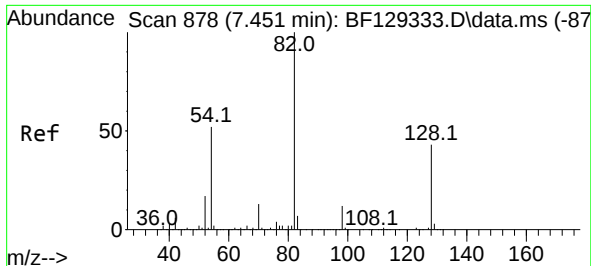
Tgt Ion:136 Resp: 384545  
Ion Ratio Lower Upper  
136 100  
137 13.7 8.8 13.2#  
54 11.7 7.5 11.3#  
68 11.5 4.7 7.1#



#22  
Acetophenone  
Concen: 2.538 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.047 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:105 Resp: 22723  
Ion Ratio Lower Upper  
105 100  
71 21.3 5.0 7.4#  
51 41.7 25.0 37.4#  
120 63.2 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 80.382 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA\_F

ClientSampleId :

PPE-DRUMS-0808

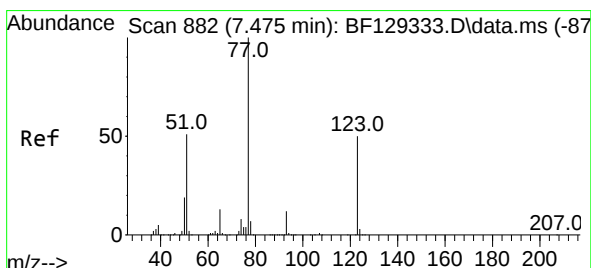
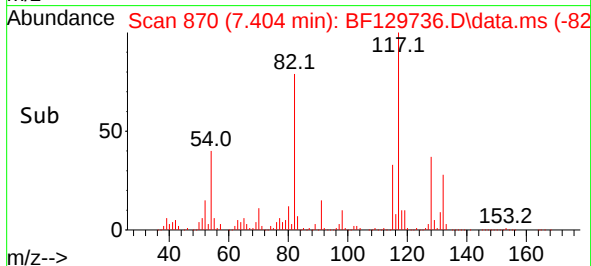
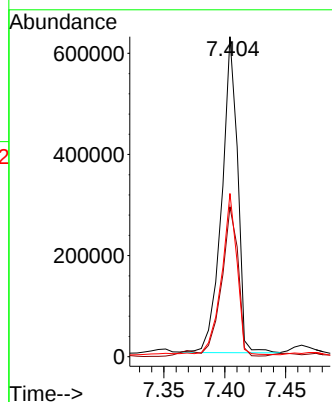
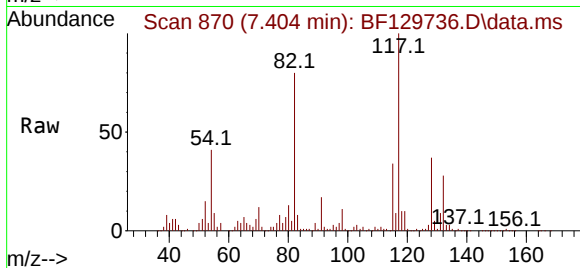
Tgt Ion: 82 Resp: 566247

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

54 51.0 46.9 70.3



#24

Nitrobenzene

Concen: 7.406 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.024 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

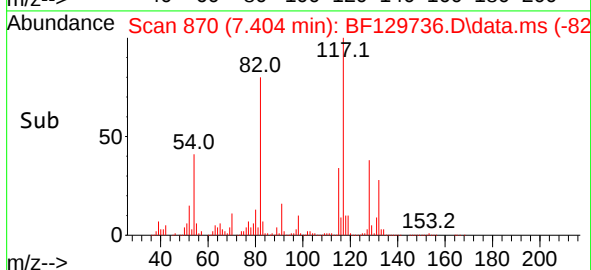
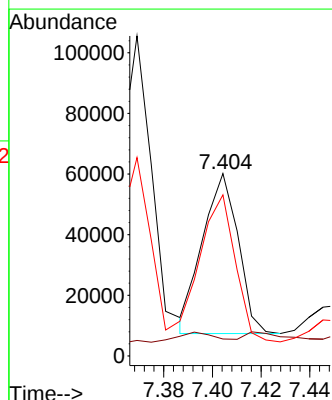
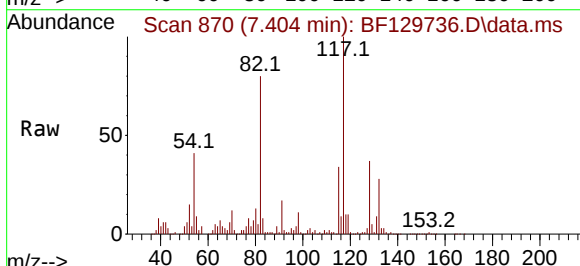
Tgt Ion: 77 Resp: 53726

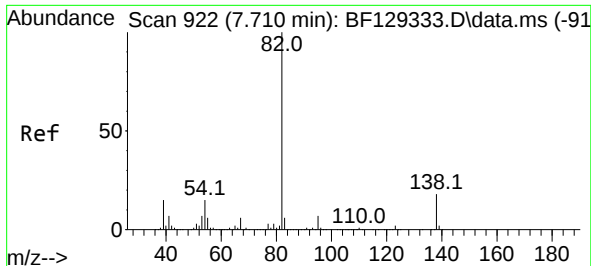
Ion Ratio Lower Upper

77 100

123 9.3 35.4 53.2#

65 88.3 11.8 17.8#

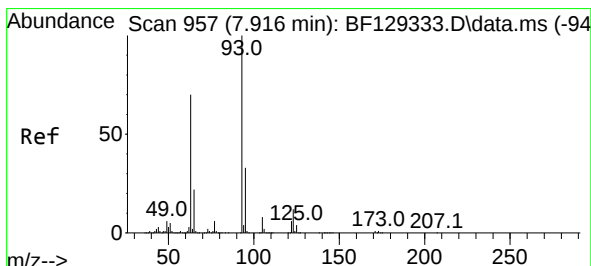
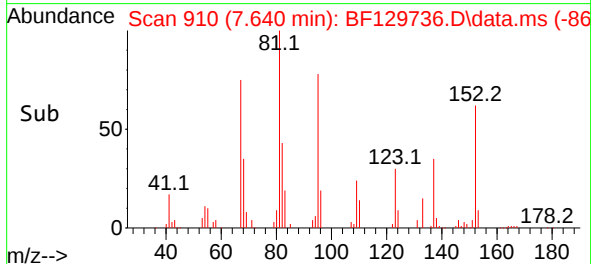
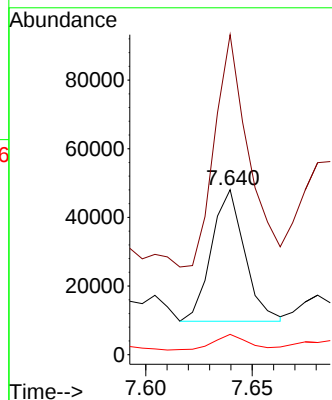
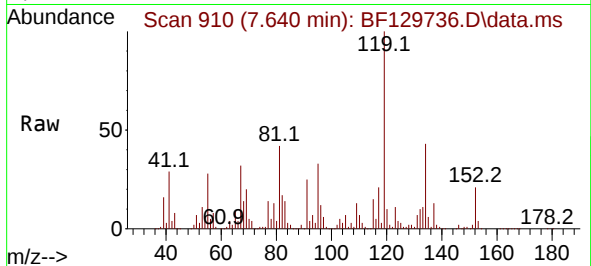




#25  
Isophorone  
Concen: 3.302 ng  
RT: 7.640 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

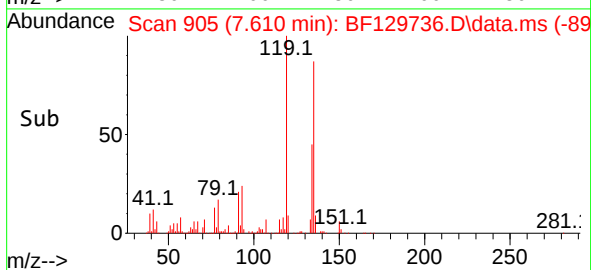
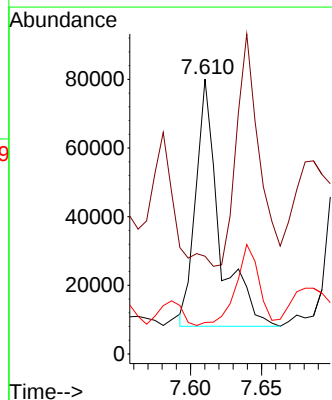
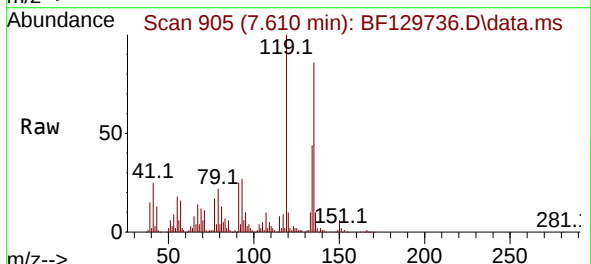
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

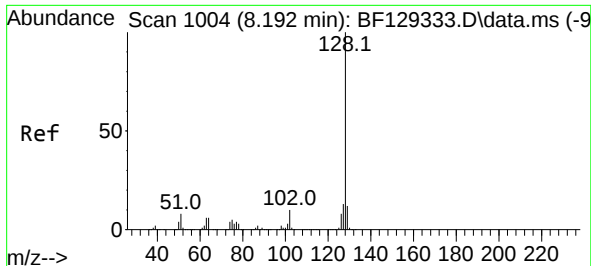
Tgt Ion: 82 Resp: 41698  
Ion Ratio Lower Upper  
82 100  
95 194.0 5.7 8.5#  
138 12.3 14.2 21.2#



#28  
bis(2-Chloroethoxy)methane  
Concen: 11.395 ng  
RT: 7.610 min Scan# 905  
Delta R.T. -0.259 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion: 93 Resp: 83469  
Ion Ratio Lower Upper  
93 100  
95 35.5 26.8 40.2  
123 11.5 9.2 13.8

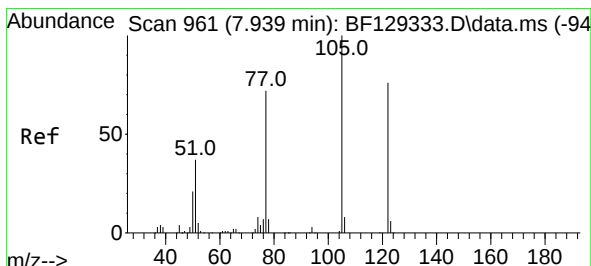
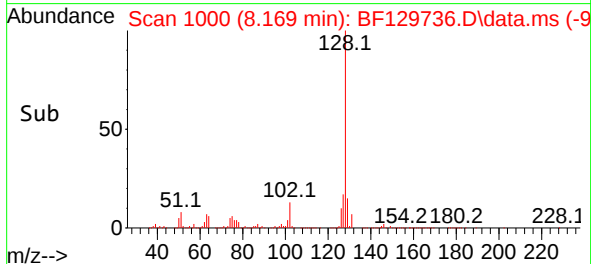
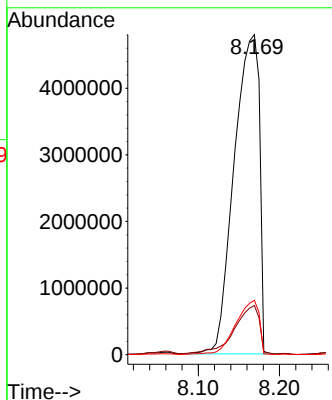
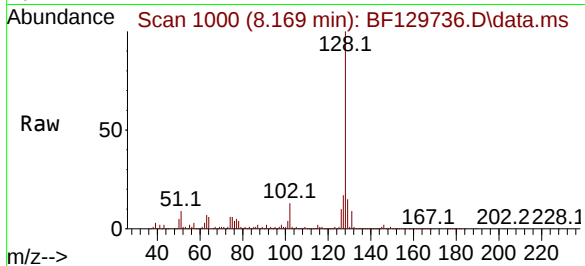




#31  
Naphthalene  
Concen: 530.538 ng  
RT: 8.169 min Scan# 10  
Delta R.T. 0.023 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

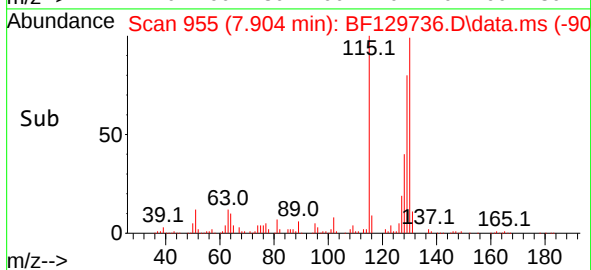
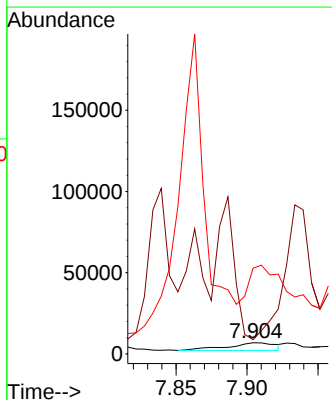
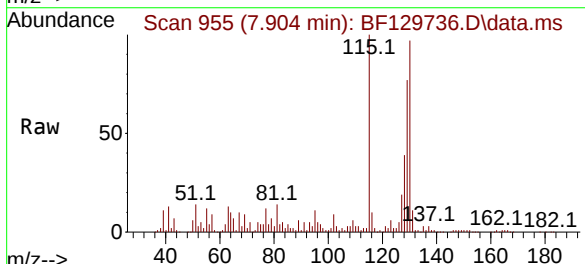
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

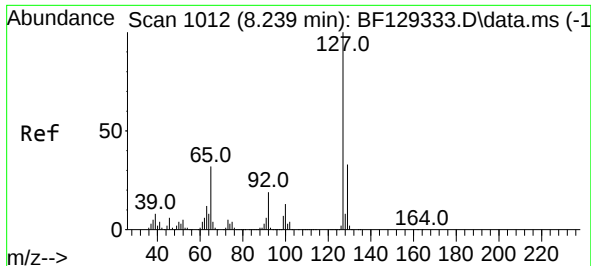
Tgt Ion:128 Resp:10365242  
Ion Ratio Lower Upper  
128 100  
129 15.4 9.2 13.8#  
127 17.0 10.5 15.7#



#32  
Benzoic acid  
Concen: 2.837 ng  
RT: 7.904 min Scan# 955  
Delta R.T. -0.012 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:122 Resp: 11010  
Ion Ratio Lower Upper  
122 100  
105 127.2 107.1 147.1  
77 770.5 74.2 114.2#

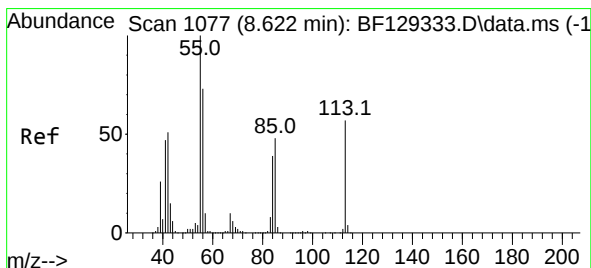
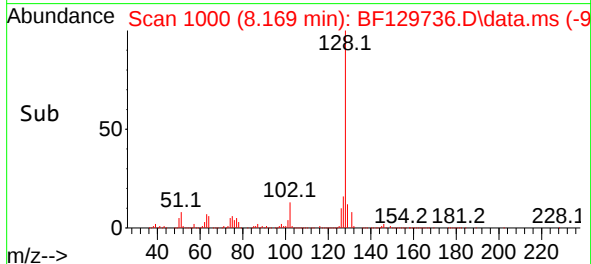
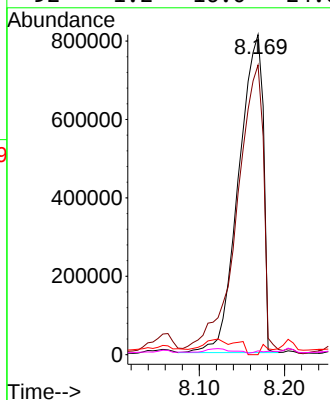
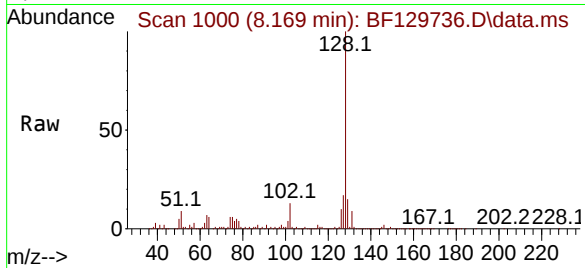




#33  
4-Chloroaniline  
Concen: 201.785 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. -0.029 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

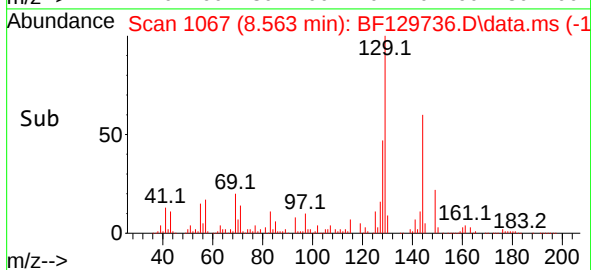
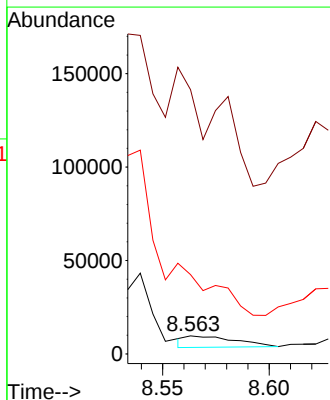
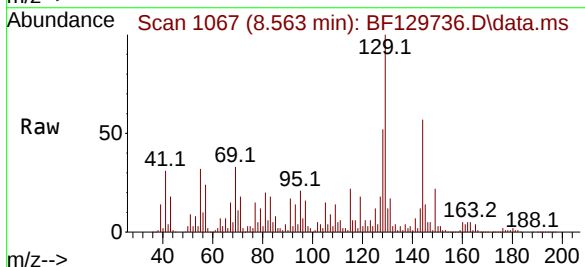
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

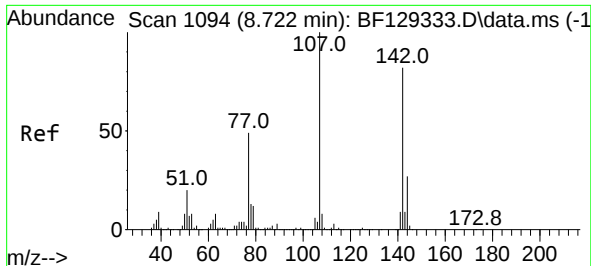
Tgt Ion:127 Resp: 1618546  
Ion Ratio Lower Upper  
127 100  
129 90.5 26.4 39.6#  
65 0.0 26.4 39.6#  
92 1.2 16.0 24.0#



#35  
Caprolactam  
Concen: 5.492 ng  
RT: 8.563 min Scan# 1067  
Delta R.T. -0.018 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:113 Resp: 9893  
Ion Ratio Lower Upper  
113 100  
55 1465.5 188.5 228.5#  
56 439.9 130.6 170.6#

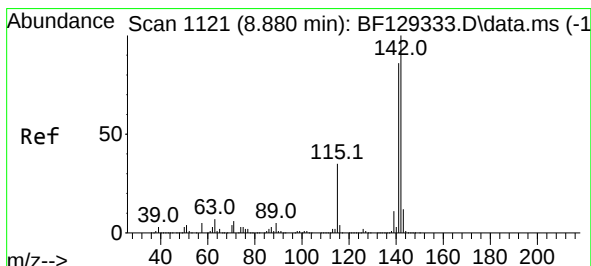
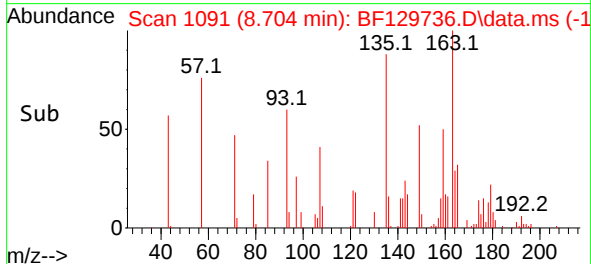
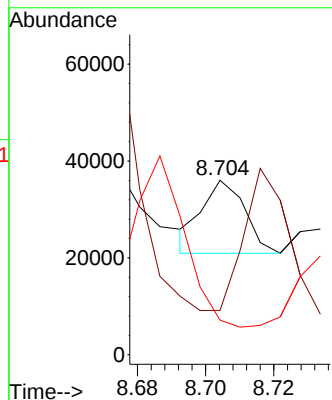
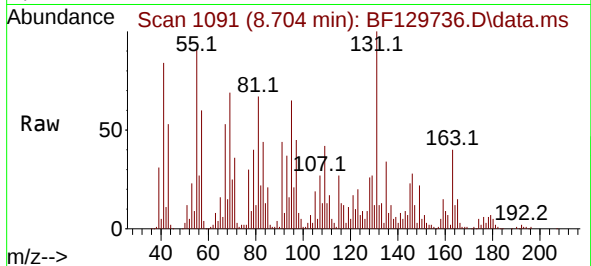




#36  
 4-Chloro-3-methylphenol  
 Concen: 2.223 ng  
 RT: 8.704 min Scan# 1109  
 Delta R.T. 0.012 min  
 Lab File: BF129736.D  
 Acq: 12 Aug 2022 02:32

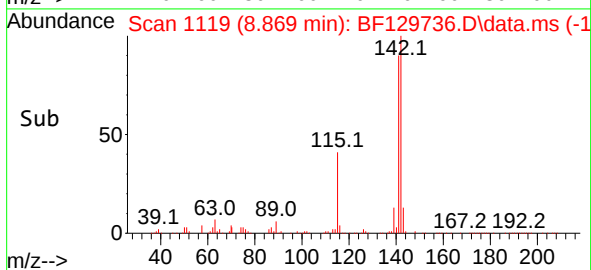
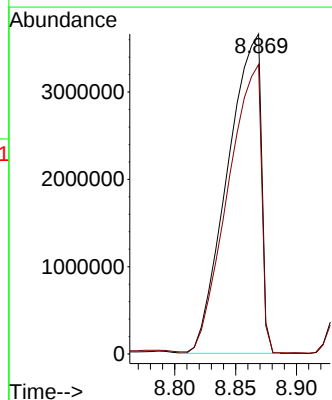
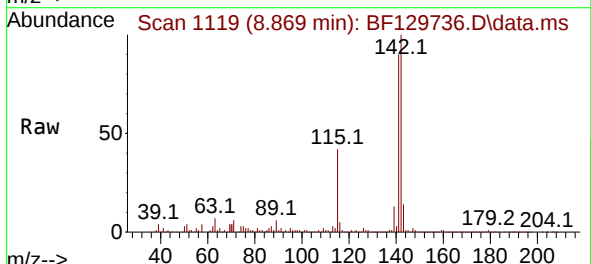
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PPE-DRUMS-0808

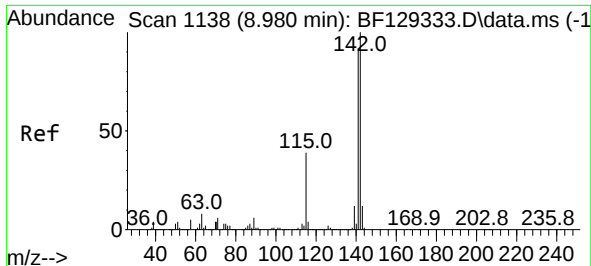
Tgt Ion:107 Resp: 13064  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.5 29.3  
 142 19.8 58.2 87.4#



#37  
 2-Methylnaphthalene  
 Concen: 555.438 ng  
 RT: 8.869 min Scan# 1119  
 Delta R.T. 0.035 min  
 Lab File: BF129736.D  
 Acq: 12 Aug 2022 02:32

Tgt Ion:142 Resp: 7052072  
 Ion Ratio Lower Upper  
 142 100  
 141 90.5 71.0 106.4

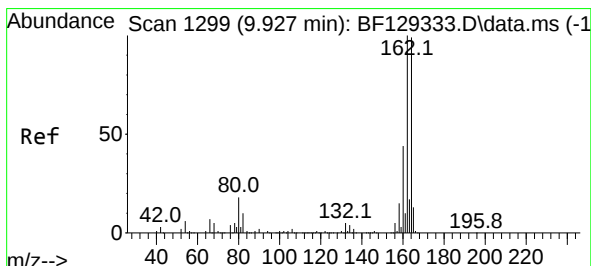
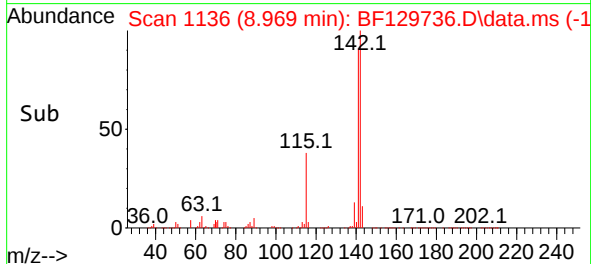
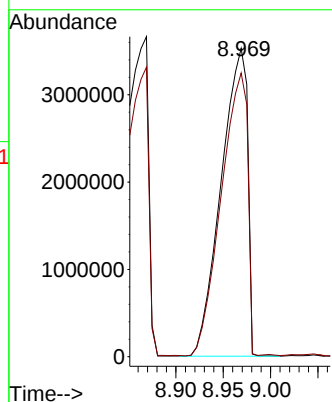
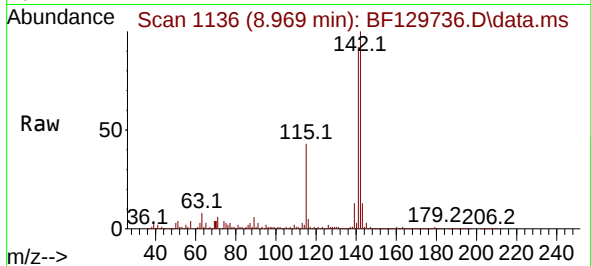




#38  
1-Methylnaphthalene  
Concen: 557.650 ng  
RT: 8.969 min Scan# 1138  
Delta R.T. 0.035 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

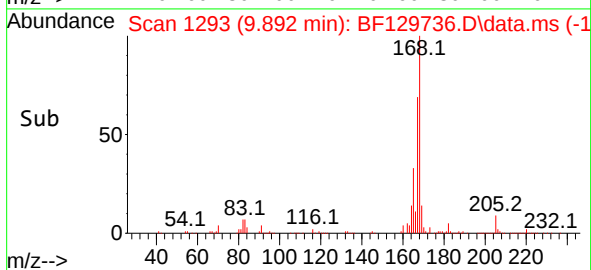
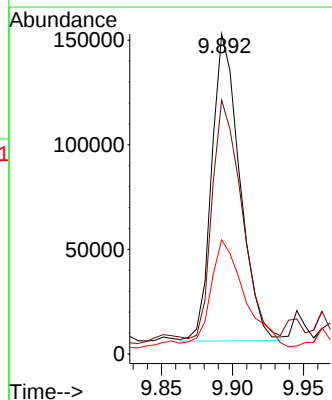
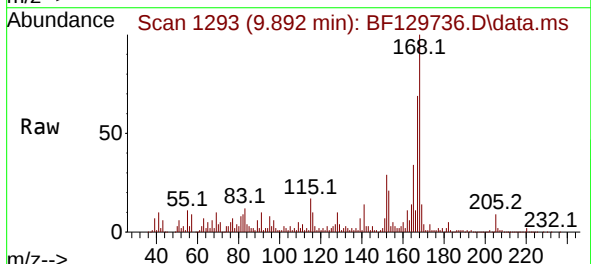
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

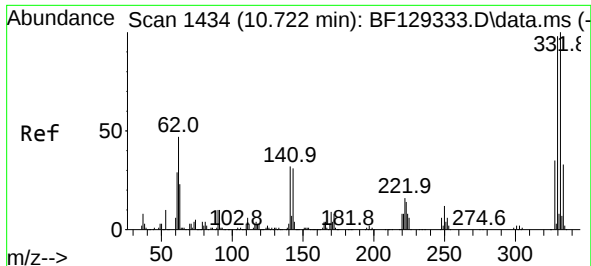
Tgt Ion:142 Resp: 6834803  
Ion Ratio Lower Upper  
142 100  
141 92.1 74.2 111.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1293  
Delta R.T. 0.012 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:164 Resp: 201669  
Ion Ratio Lower Upper  
164 100  
162 79.3 79.5 119.3#  
160 35.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.547 ng

RT: 10.692 min Scan# 1434

Delta R.T. 0.018 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA\_F

ClientSampleId :

PPE-DRUMS-0808

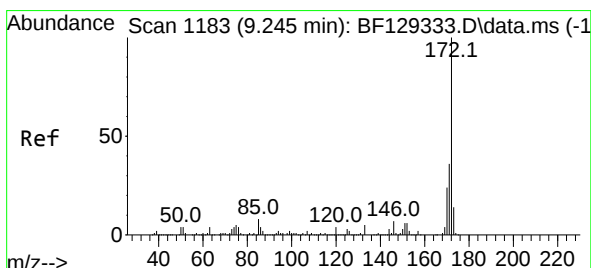
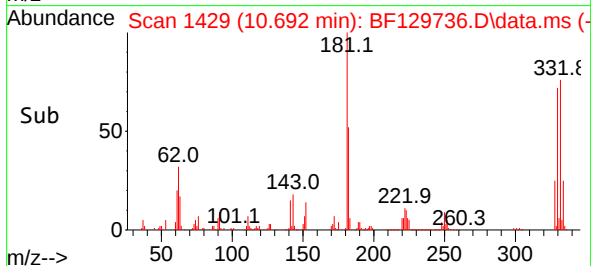
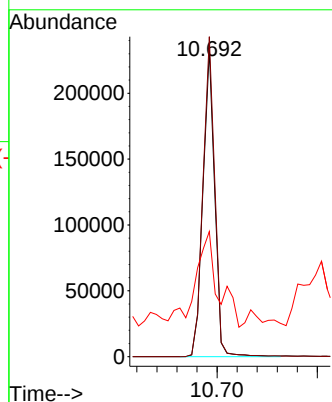
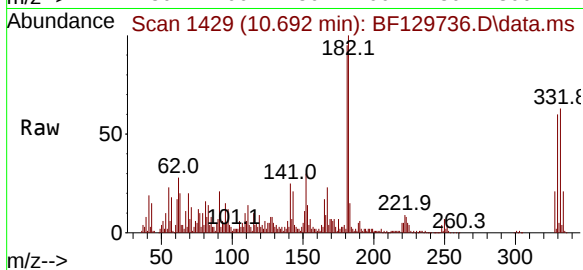
Tgt Ion:330 Resp: 191073

Ion Ratio Lower Upper

330 100

332 104.8 76.8 115.2

141 53.1 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 70.407 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

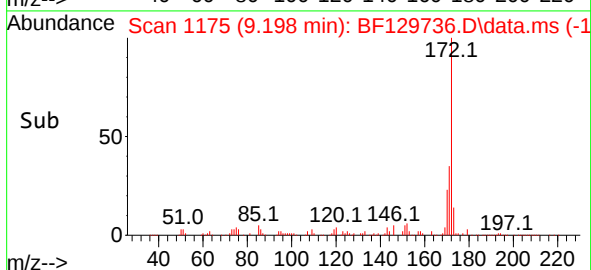
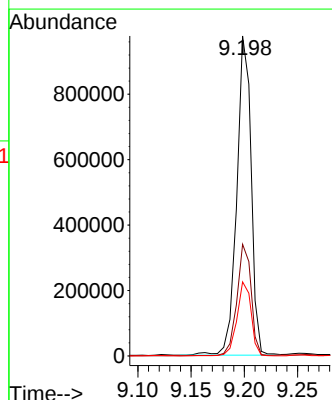
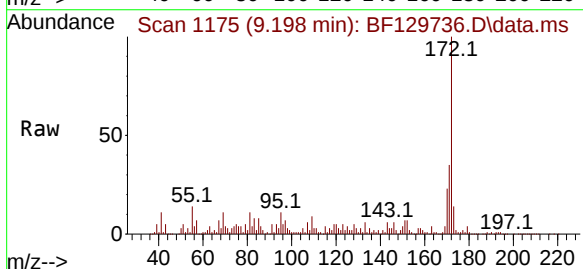
Tgt Ion:172 Resp: 917863

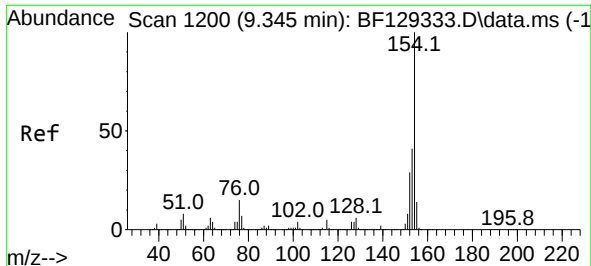
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.2 19.8 29.8

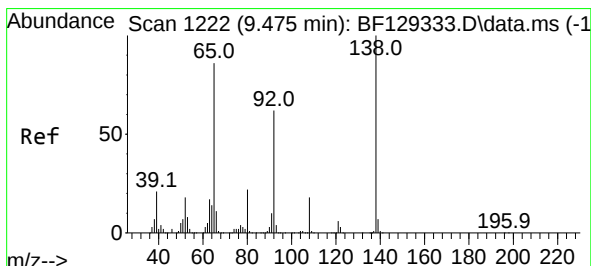
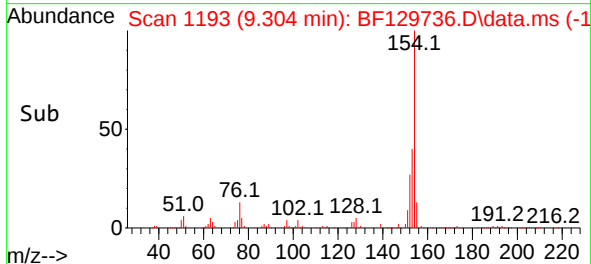
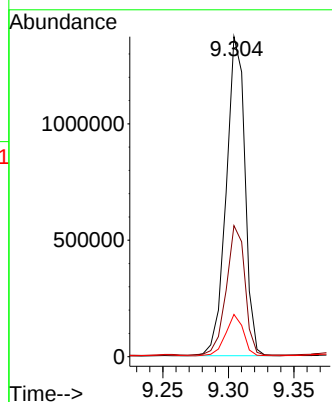
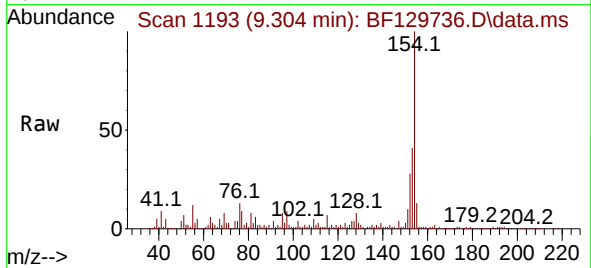




#46  
1,1'-Biphenyl  
Concen: 92.366 ng  
RT: 9.304 min Scan# 1187  
Delta R.T. 0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

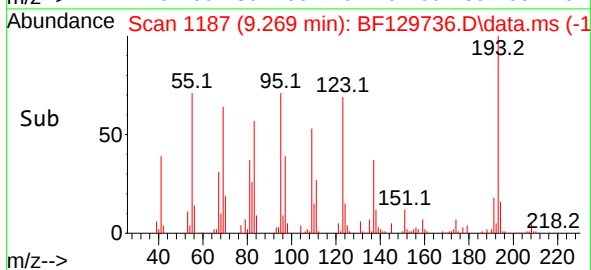
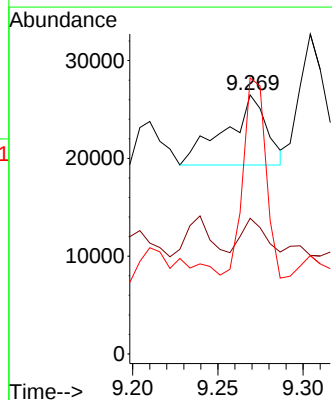
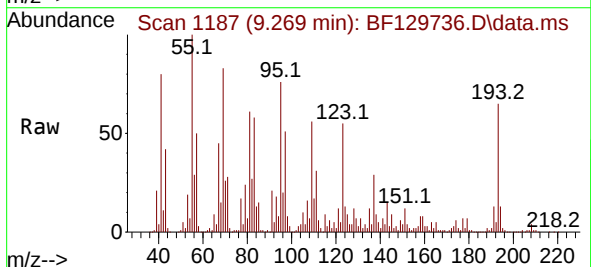
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

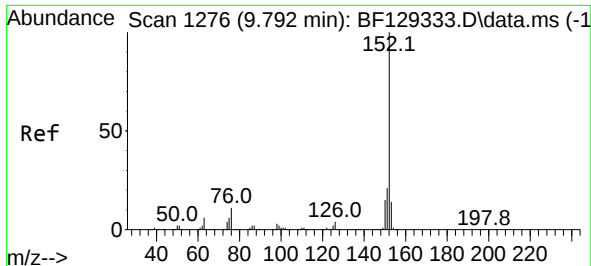
Tgt Ion:154 Resp: 1359417  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.6 60.6  
76 13.2 0.0 33.3



#48  
2-Nitroaniline  
Concen: 3.065 ng  
RT: 9.269 min Scan# 1187  
Delta R.T. -0.159 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion: 65 Resp: 12126  
Ion Ratio Lower Upper  
65 100  
92 52.4 51.9 77.9  
138 106.6 76.4 114.6

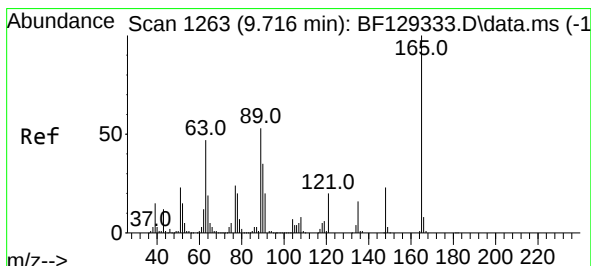
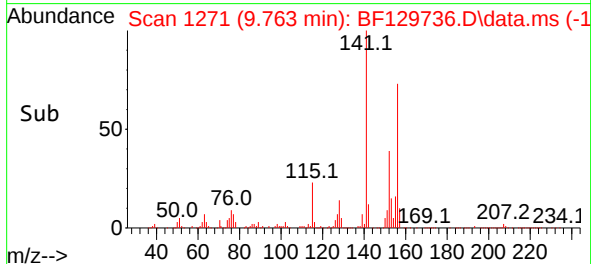
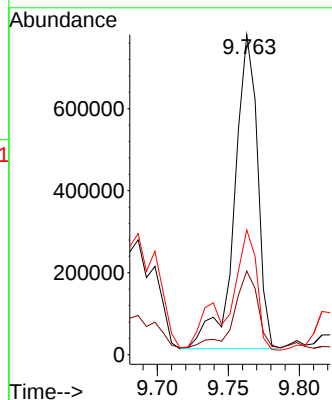
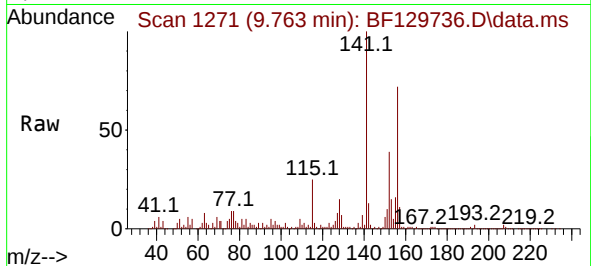




#49  
Acenaphthylene  
Concen: 48.261 ng  
RT: 9.763 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

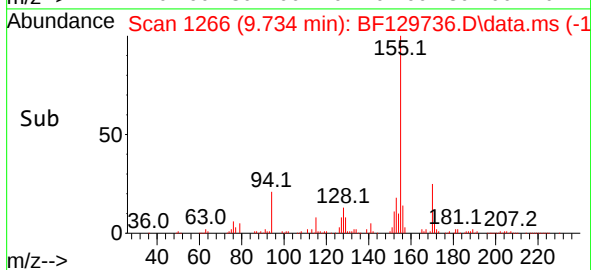
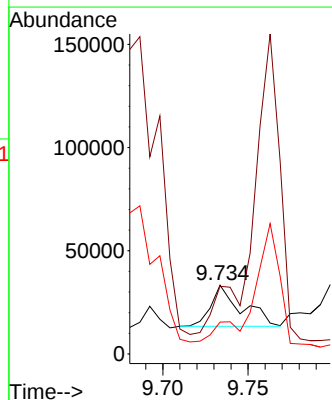
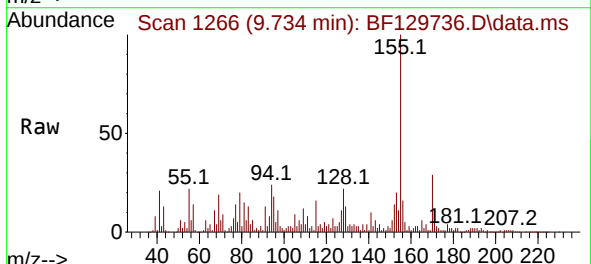
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

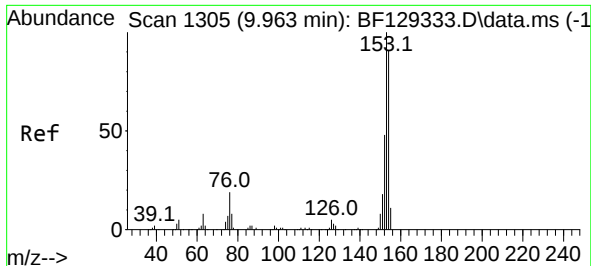
Tgt Ion:152 Resp: 872498  
Ion Ratio Lower Upper  
152 100  
151 26.2 16.2 24.4#  
153 39.0 10.7 16.1#



#51  
2,6-Dinitrotoluene  
Concen: 8.023 ng  
RT: 9.734 min Scan# 1266  
Delta R.T. 0.065 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:165 Resp: 25001  
Ion Ratio Lower Upper  
165 100  
63 98.4 44.9 67.3#  
89 46.3 43.6 65.4

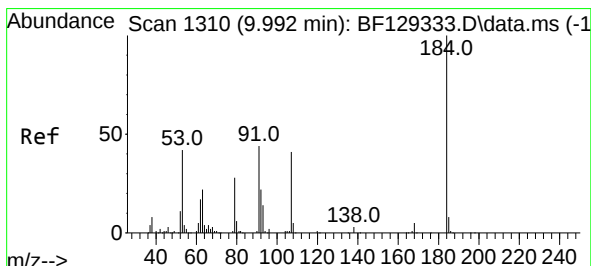
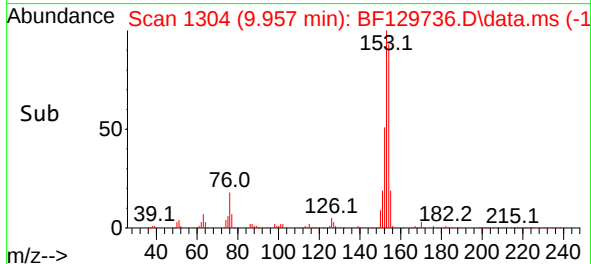
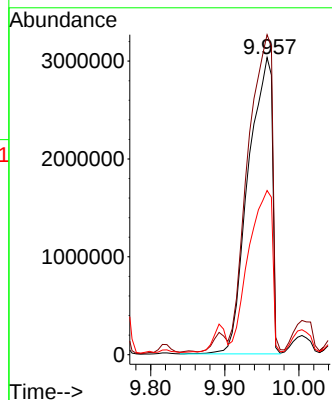
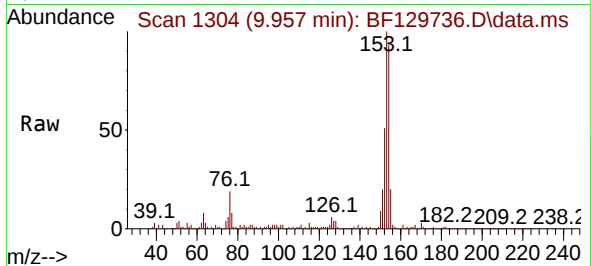




#52  
Acenaphthene  
Concen: 574.152 ng  
RT: 9.957 min Scan# 11  
Delta R.T. 0.041 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

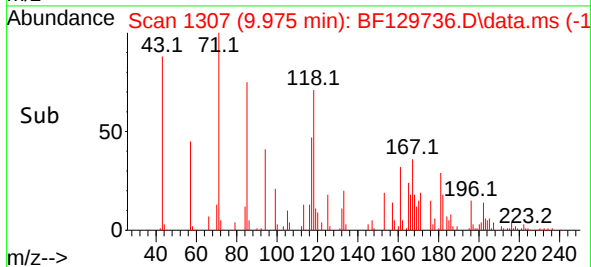
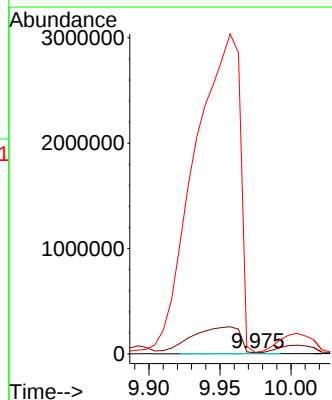
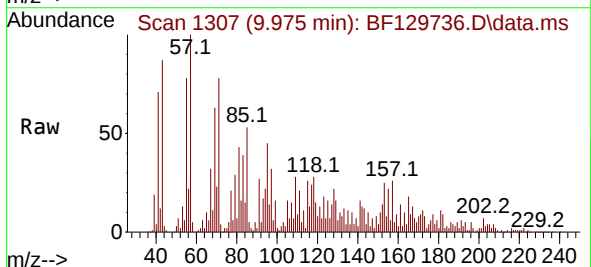
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

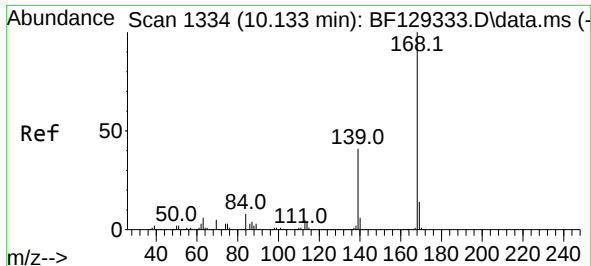
Tgt Ion:154 Resp: 6779603  
Ion Ratio Lower Upper  
154 100  
153 107.7 89.6 134.4  
152 55.2 42.4 63.6



#54  
2,4-Dinitrophenol  
Concen: 4.958 ng  
RT: 9.975 min Scan# 1307  
Delta R.T. 0.018 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:184 Resp: 7886  
Ion Ratio Lower Upper  
184 100  
63 203.3 64.5 96.7#  
154 247.4 50.6 75.8#

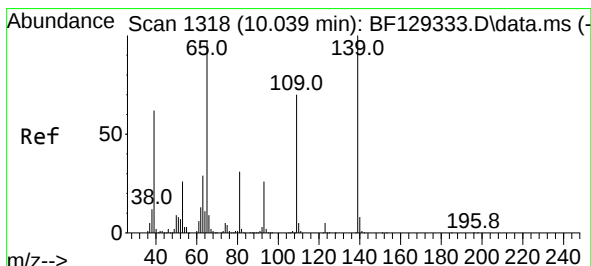
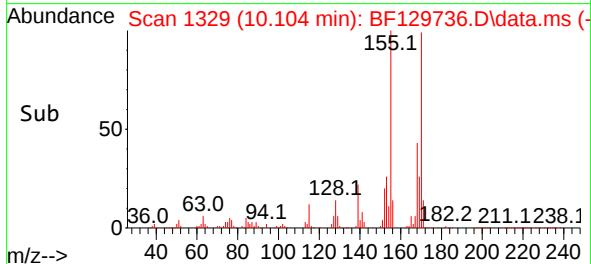
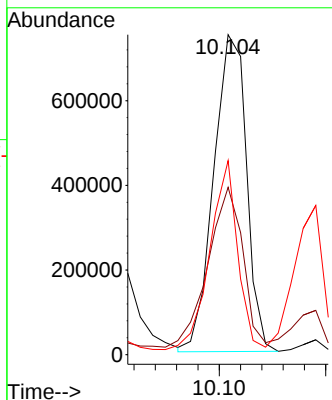
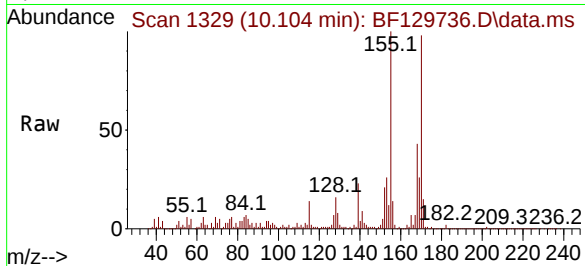




#55  
Dibenzenofuran  
Concen: 49.266 ng  
RT: 10.104 min Scan# 1329  
Delta R.T. 0.018 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

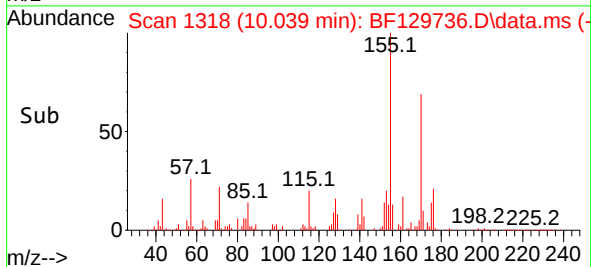
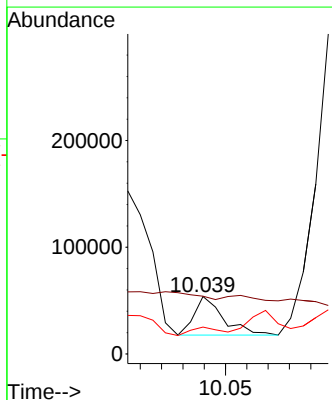
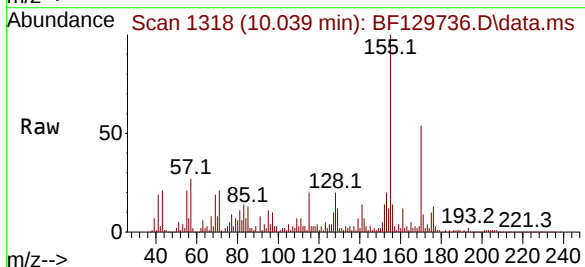
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

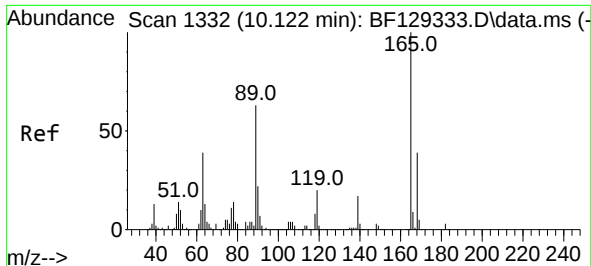
Tgt Ion:168 Resp: 801926  
Ion Ratio Lower Upper  
168 100  
139 52.3 30.6 46.0#  
169 60.7 11.0 16.6#



#56  
4-Nitrophenol  
Concen: 12.734 ng  
RT: 10.039 min Scan# 1318  
Delta R.T. 0.012 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:139 Resp: 34568  
Ion Ratio Lower Upper  
139 100  
109 100.5 50.7 90.7#  
65 46.8 74.5 114.5#

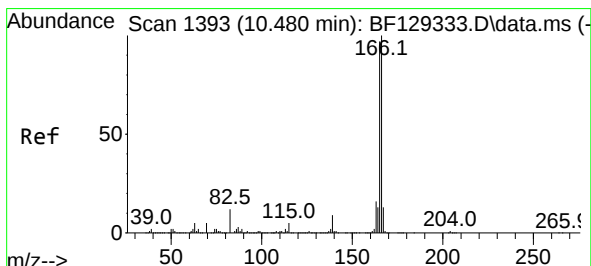
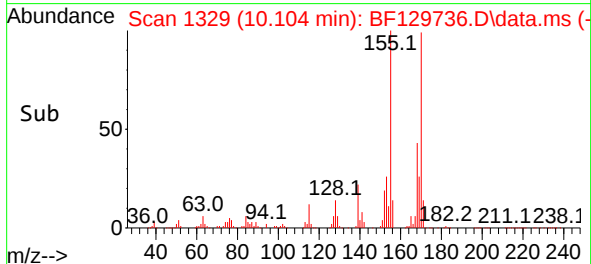
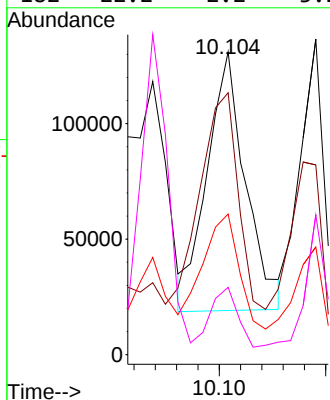
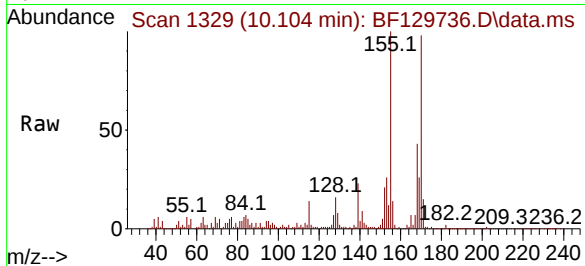




#57  
2,4-Dinitrotoluene  
Concen: 34.484 ng  
RT: 10.104 min Scan# 1329  
Delta R.T. 0.024 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

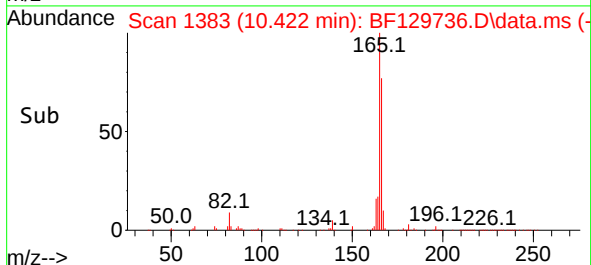
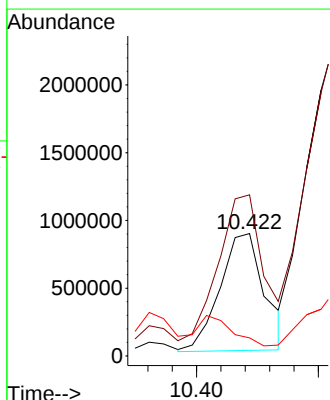
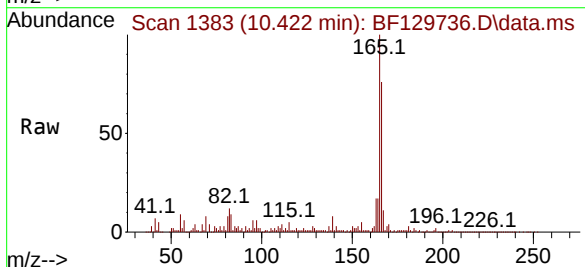
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

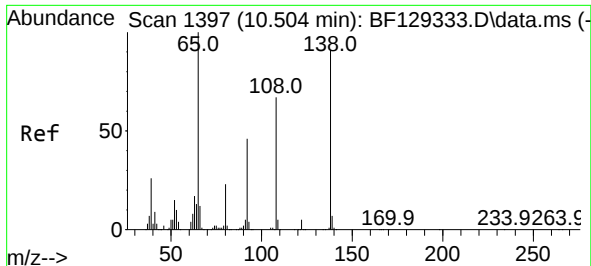
Tgt Ion:165 Resp: 140371  
Ion Ratio Lower Upper  
165 100  
63 86.5 39.8 59.6#  
89 46.4 60.2 90.2#  
182 22.2 2.2 3.2#



#58  
Fluorene  
Concen: 84.512 ng  
RT: 10.422 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:166 Resp: 1100688  
Ion Ratio Lower Upper  
166 100  
165 131.5 78.1 117.1#  
167 14.8 10.5 15.7

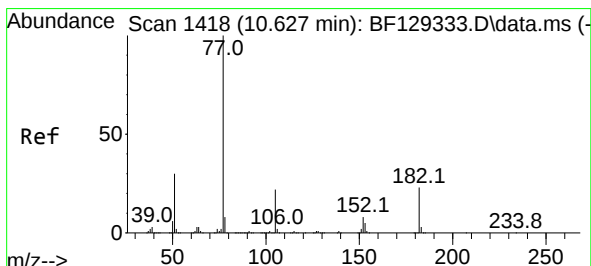
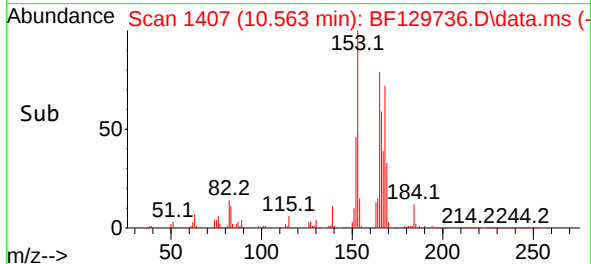
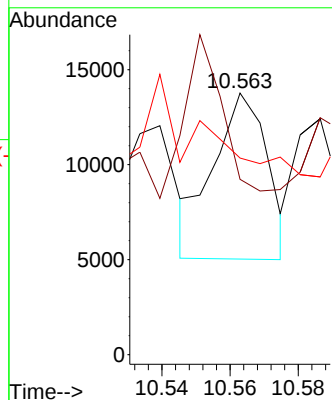
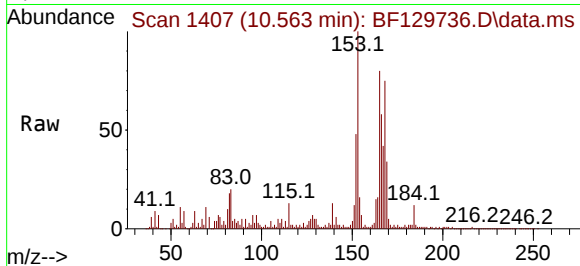




#62  
4-Nitroaniline  
Concen: 2.627 ng  
RT: 10.563 min Scan# 1407  
Delta R.T. 0.100 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

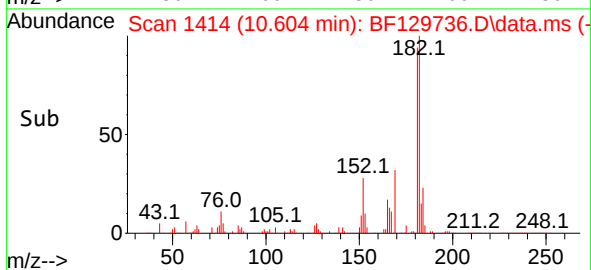
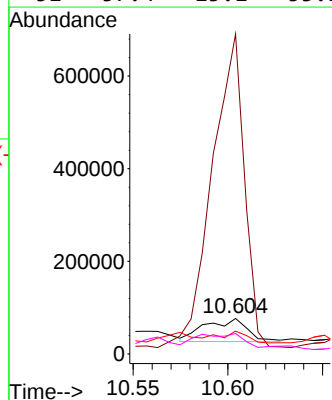
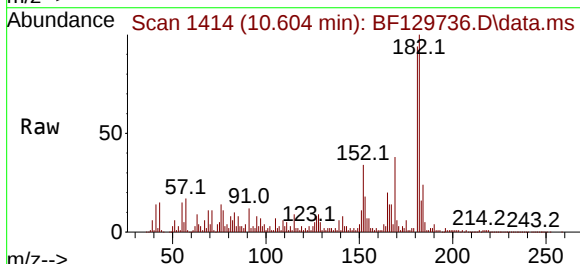
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

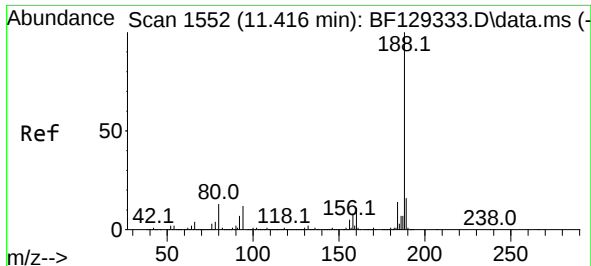
Tgt Ion:138 Resp: 9587  
Ion Ratio Lower Upper  
138 100  
92 67.0 33.5 73.5  
108 75.2 61.0 101.0



#63  
Azobenzene  
Concen: 5.662 ng  
RT: 10.604 min Scan# 1414  
Delta R.T. 0.024 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion: 77 Resp: 77725  
Ion Ratio Lower Upper  
77 100  
182 899.3 5.6 45.6#  
105 64.2 1.6 41.6#  
51 57.4 15.1 55.1#

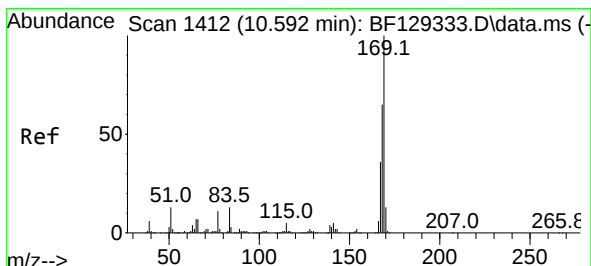
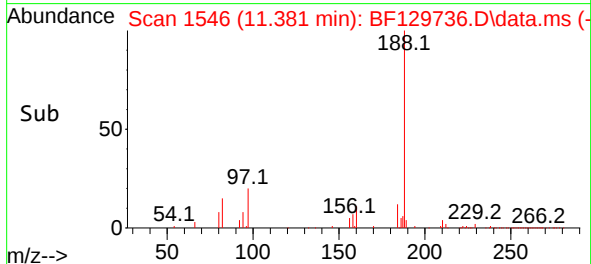
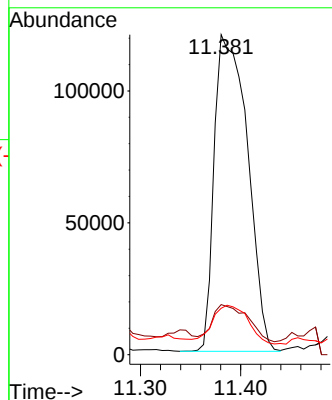
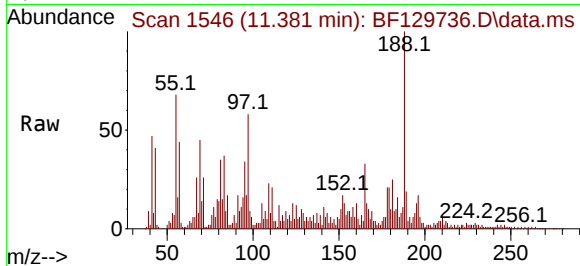




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.381 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

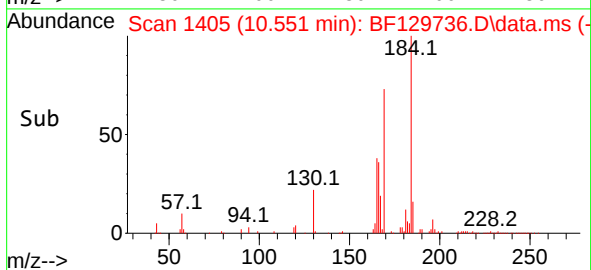
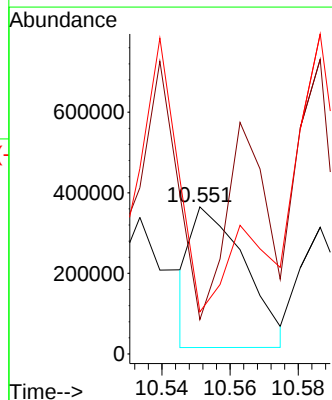
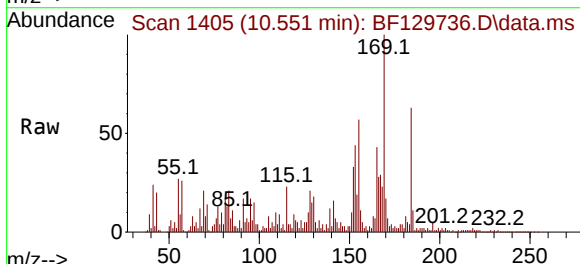
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

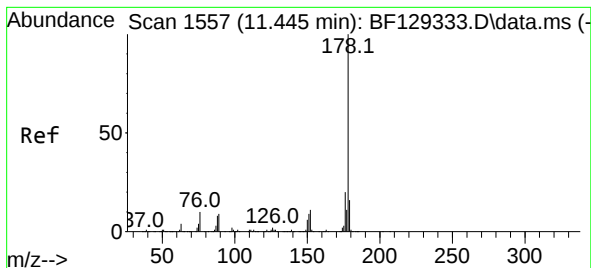
Tgt Ion:188 Resp: 275832  
Ion Ratio Lower Upper  
188 100  
94 15.7 7.0 10.6#  
80 14.5 7.6 11.4#



#66  
n-Nitrosodiphenylamine  
Concen: 41.222 ng  
RT: 10.551 min Scan# 1405  
Delta R.T. 0.012 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:169 Resp: 378659  
Ion Ratio Lower Upper  
169 100  
168 23.4 50.1 75.1#  
167 28.6 27.9 41.9





#71

Phenanthrene

Concen: 821.192 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.047 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA\_F

ClientSampleId :

PPE-DRUMS-0808

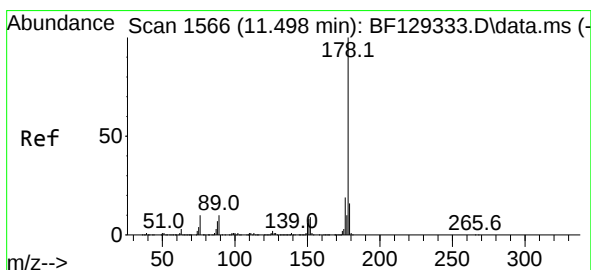
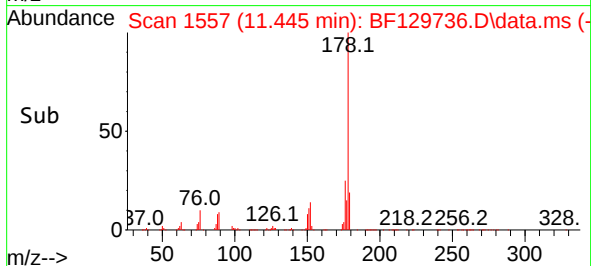
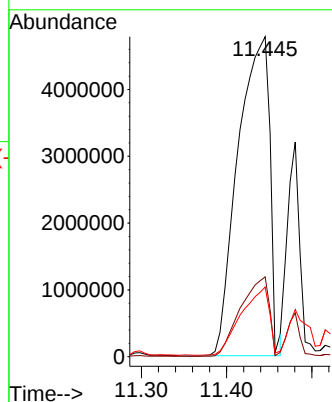
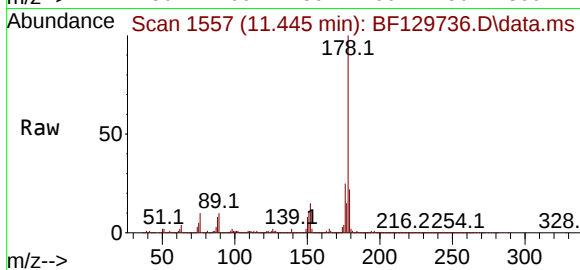
Tgt Ion:178 Resp:12364632

Ion Ratio Lower Upper

178 100

176 24.9 16.0 24.0#

179 21.8 12.6 19.0#



#72

Anthracene

Concen: 835.642 ng

RT: 11.445 min Scan# 1557

Delta R.T. -0.000 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

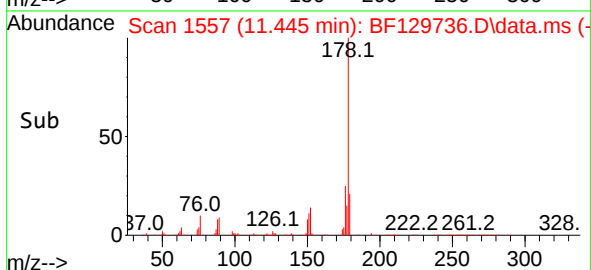
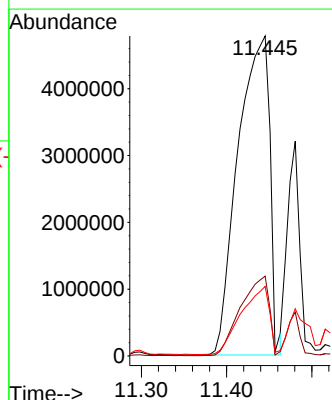
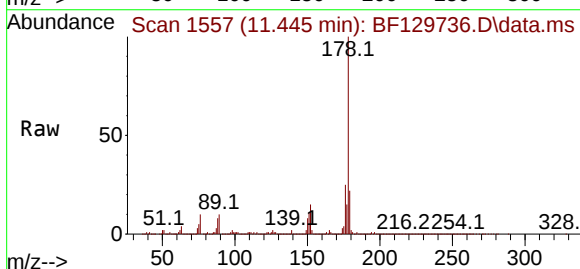
Tgt Ion:178 Resp:12364632

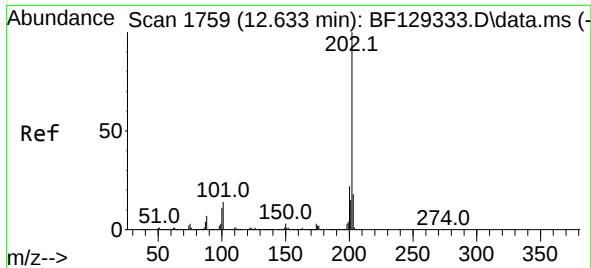
Ion Ratio Lower Upper

178 100

176 24.9 15.4 23.2#

179 21.8 12.6 19.0#

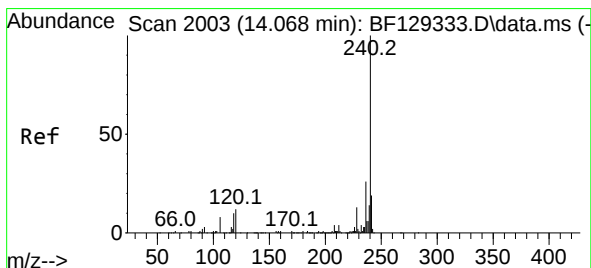
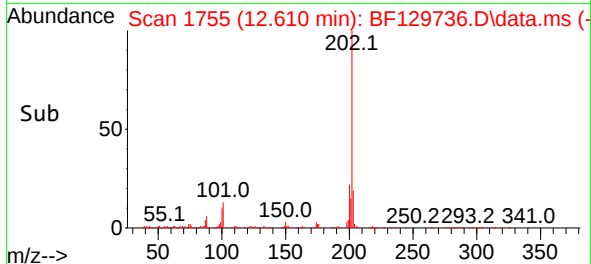
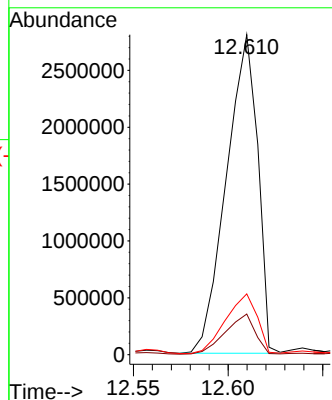
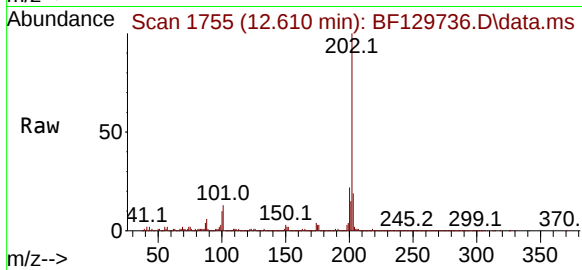




#75  
Fluoranthene  
Concen: 211.226 ng  
RT: 12.610 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

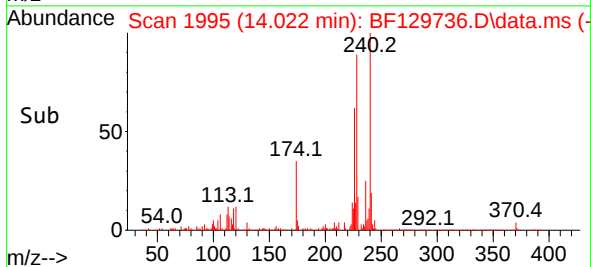
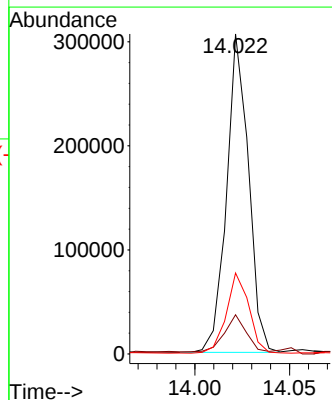
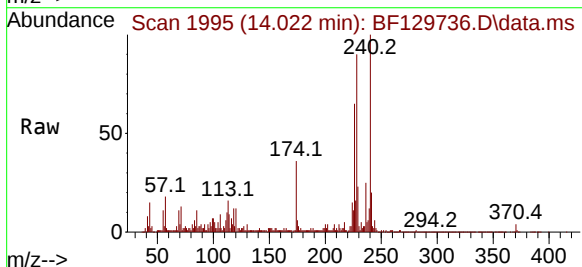
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

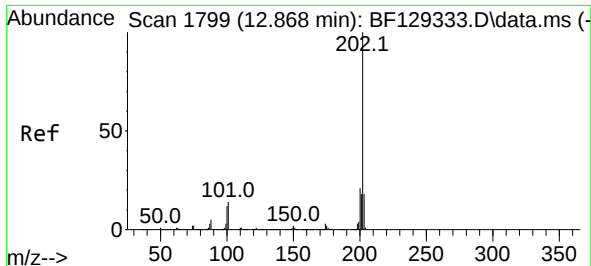
Tgt Ion:202 Resp: 3222482  
Ion Ratio Lower Upper  
202 100  
101 12.7 0.0 31.4  
203 19.0 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.022 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:240 Resp: 245302  
Ion Ratio Lower Upper  
240 100  
120 12.3 8.9 13.3  
236 25.3 20.8 31.2

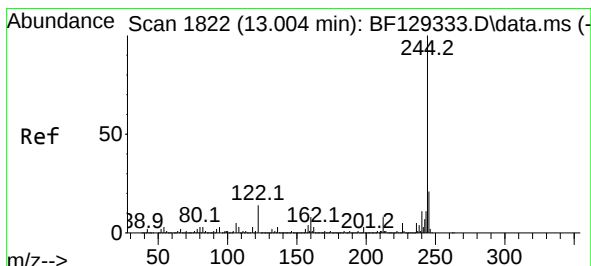
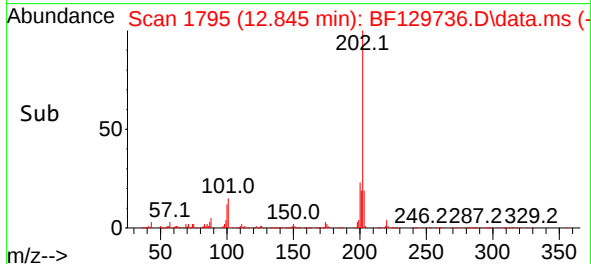
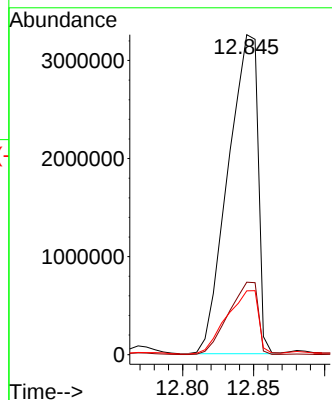
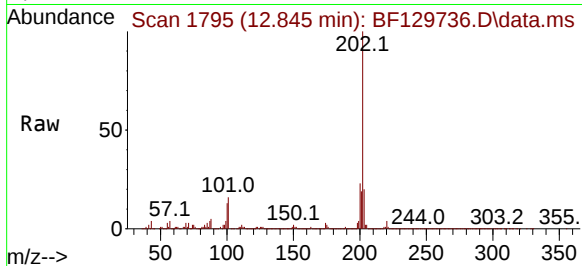




#78  
Pyrene  
Concen: 232.584 ng  
RT: 12.845 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

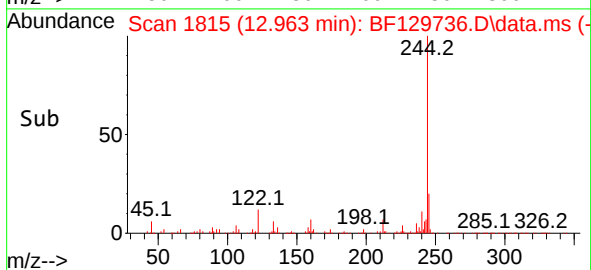
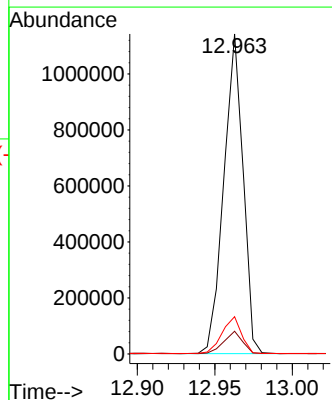
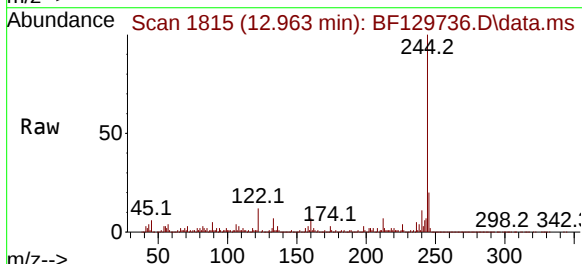
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

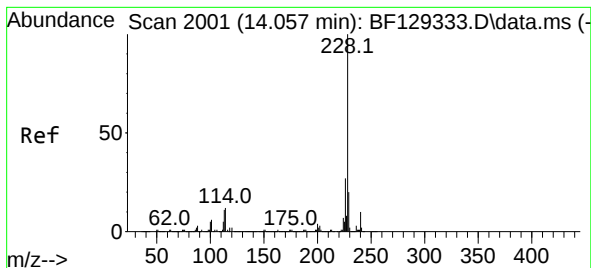
Tgt Ion:202 Resp: 4770959  
Ion Ratio Lower Upper  
202 100  
200 22.7 17.7 26.5  
203 20.0 14.6 21.8



#79  
Terphenyl-d14  
Concen: 75.828 ng  
RT: 12.963 min Scan# 1815  
Delta R.T. 0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:244 Resp: 985947  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.1 9.1  
122 11.7 8.8 13.2





#81

Benzo(a)anthracene

Concen: 41.827 ng

RT: 14.051 min Scan# 2000

Delta R.T. 0.041 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA\_F

ClientSampleId :

PPE-DRUMS-0808

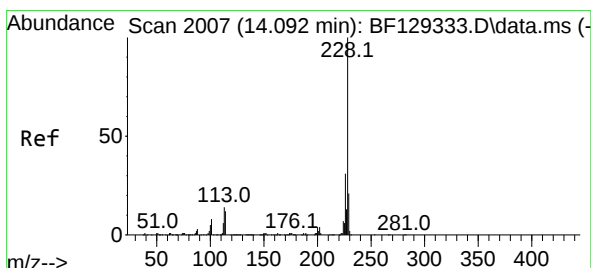
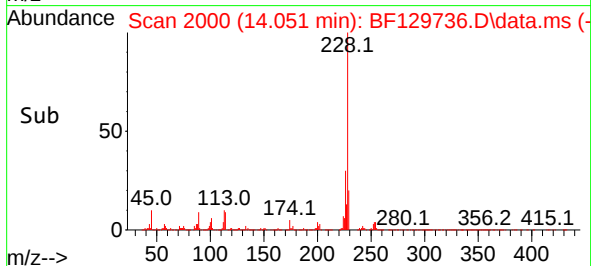
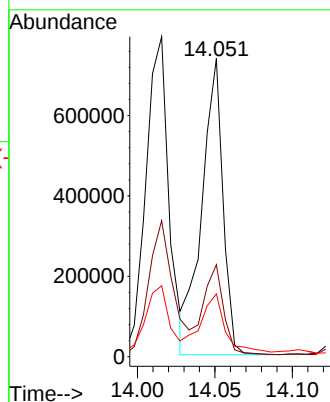
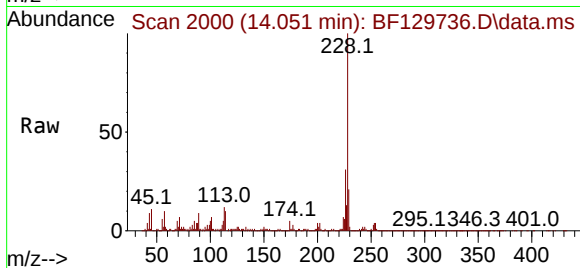
Tgt Ion:228 Resp: 700876

Ion Ratio Lower Upper

228 100

226 30.9 22.1 33.1

229 21.1 15.8 23.8



#83

Chrysene

Concen: 44.381 ng

RT: 14.051 min Scan# 2000

Delta R.T. 0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

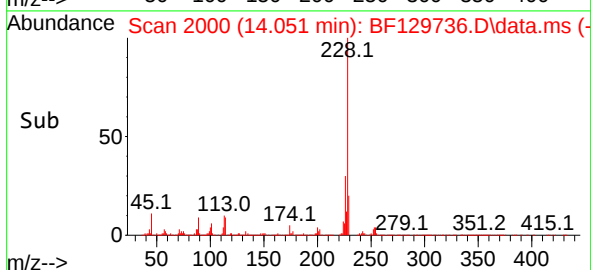
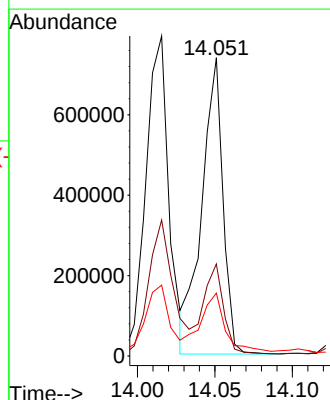
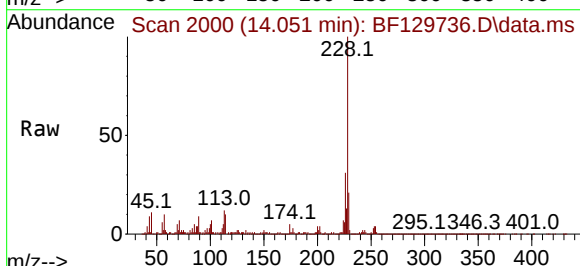
Tgt Ion:228 Resp: 700876

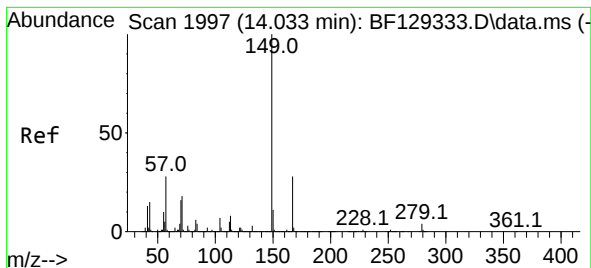
Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 21.1 15.9 23.9

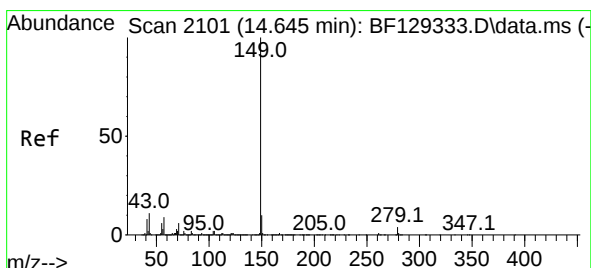
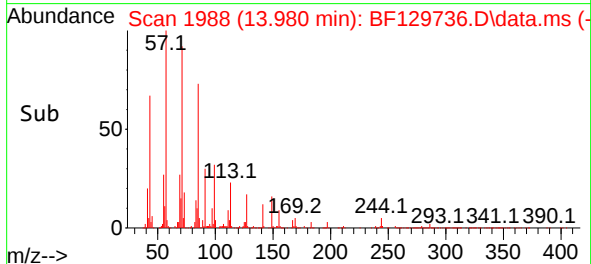
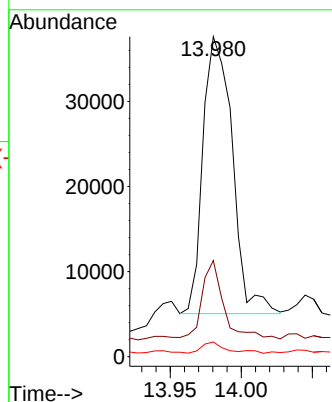
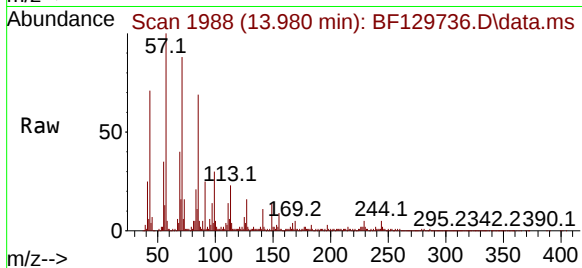




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.002 ng  
RT: 13.980 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

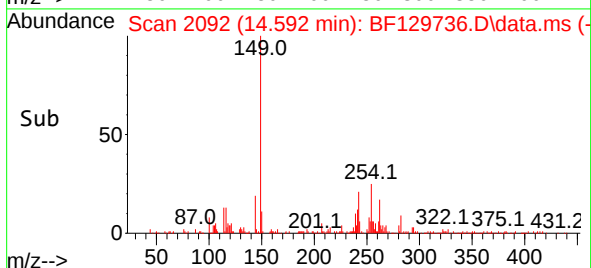
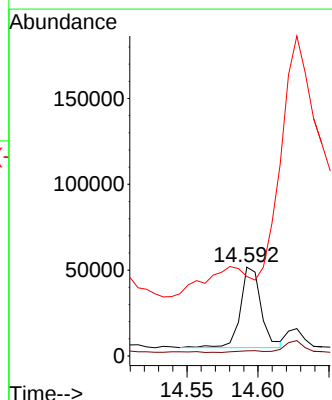
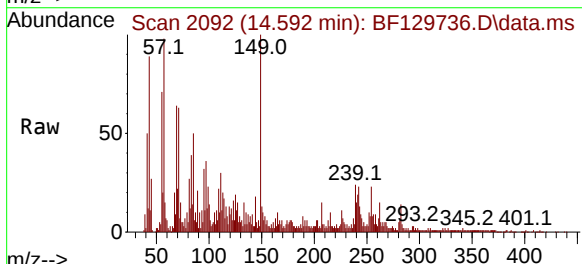
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

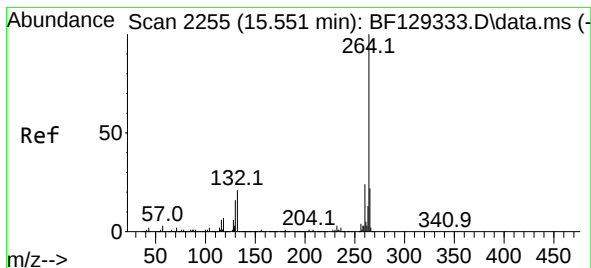
Tgt Ion:149 Resp: 46874  
Ion Ratio Lower Upper  
149 100  
167 30.0 21.0 31.4  
279 4.6 3.1 4.7



#85  
Di-n-octyl phthalate  
Concen: 2.831 ng  
RT: 14.592 min Scan# 2092  
Delta R.T. -0.000 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:149 Resp: 47724  
Ion Ratio Lower Upper  
149 100  
167 2.7 1.3 1.9#  
43 81.0 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA\_F

ClientSampleId :

PPE-DRUMS-0808

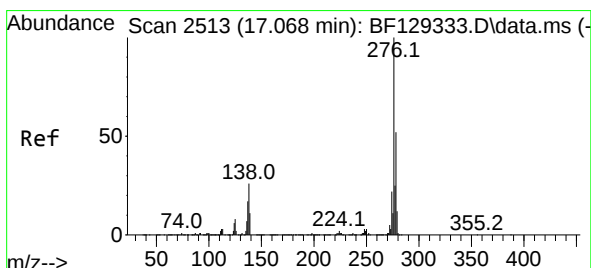
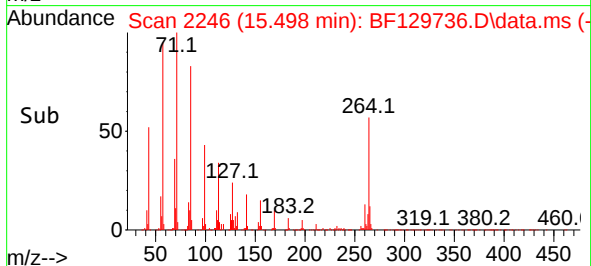
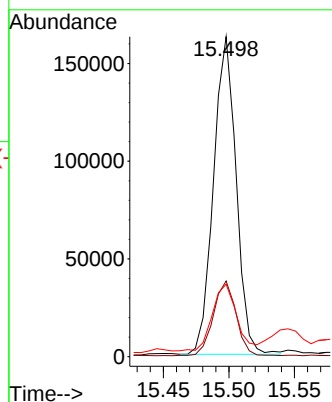
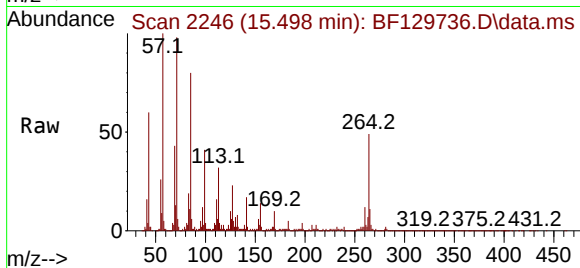
Tgt Ion:264 Resp: 194945

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.7 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.466 ng

RT: 16.980 min Scan# 2498

Delta R.T. -0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

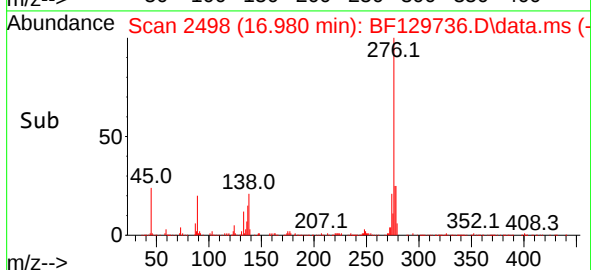
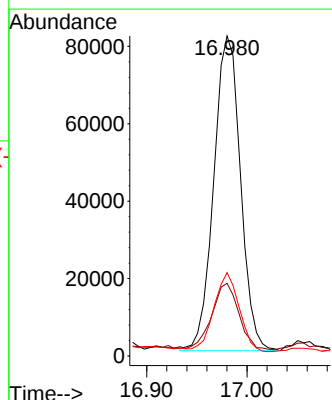
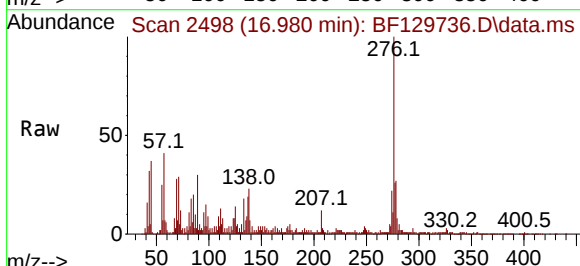
Tgt Ion:276 Resp: 150519

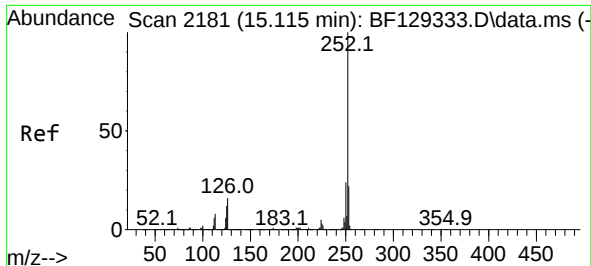
Ion Ratio Lower Upper

276 100

138 21.3 21.1 31.7

277 23.8 20.3 30.5

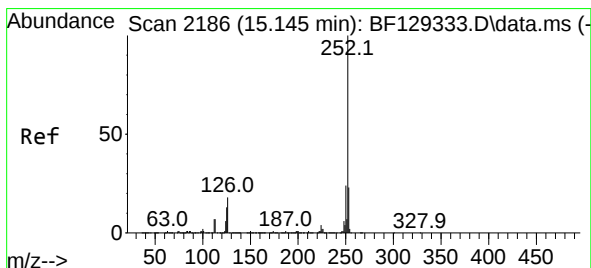
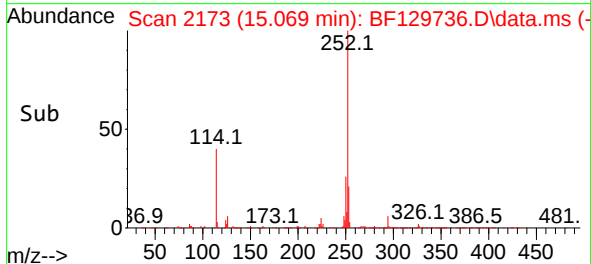
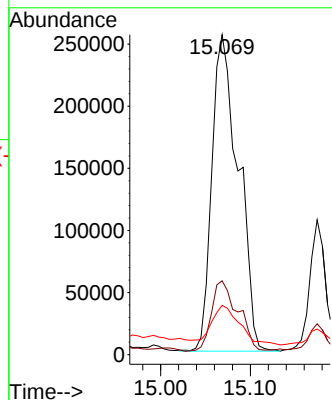
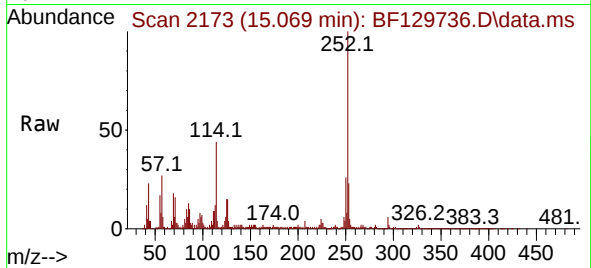




#88  
Benzo(b)fluoranthene  
Concen: 40.424 ng  
RT: 15.069 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

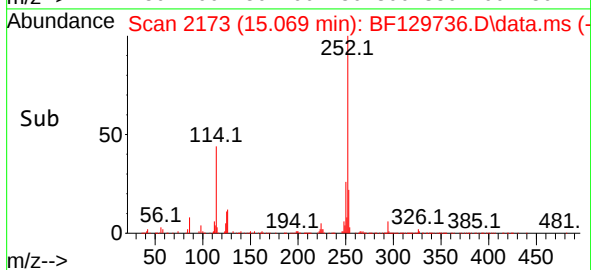
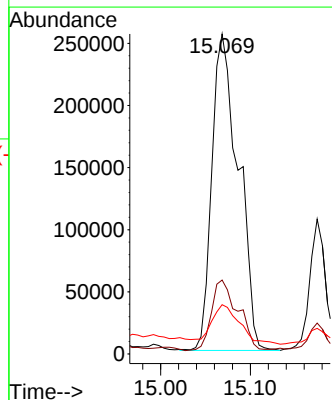
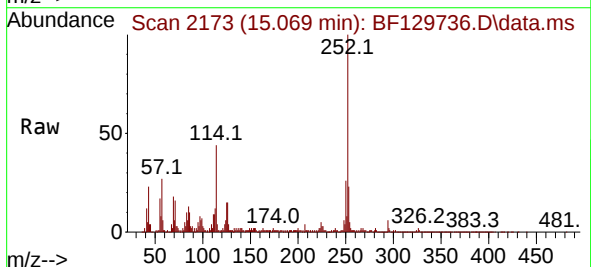
Instrument :  
BNA\_F  
ClientSampleId :  
PPE-DRUMS-0808

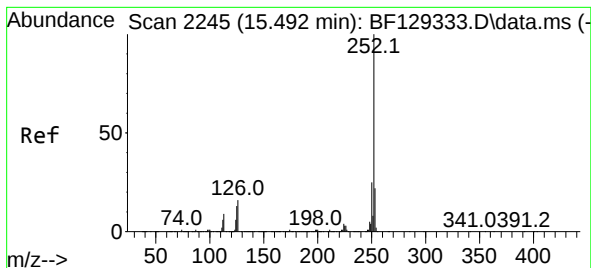
Tgt Ion:252 Resp: 522736  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.7 26.5  
125 15.4 8.0 12.0#



#89  
Benzo(k)fluoranthene  
Concen: 41.250 ng  
RT: 15.069 min Scan# 2173  
Delta R.T. -0.024 min  
Lab File: BF129736.D  
Acq: 12 Aug 2022 02:32

Tgt Ion:252 Resp: 522736  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.8 26.6  
125 15.4 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 41.019 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA\_F

ClientSampleId :

PPE-DRUMS-0808

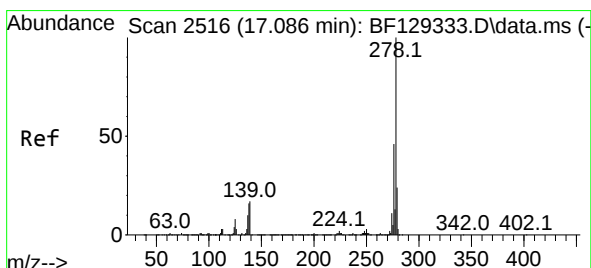
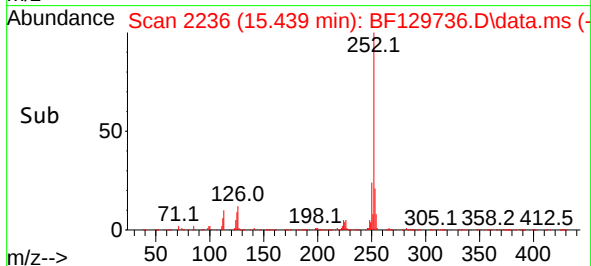
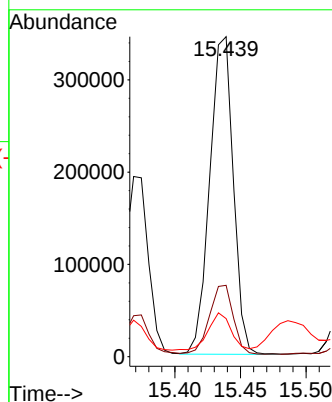
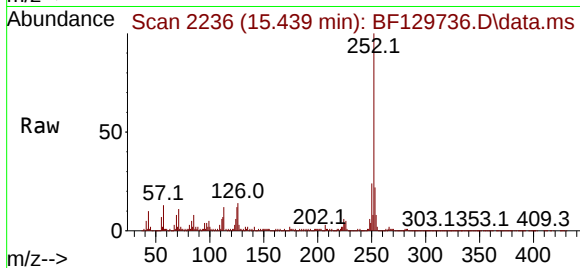
Tgt Ion:252 Resp: 430591

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 11.9 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 4.389 ng

RT: 16.980 min Scan# 2498

Delta R.T. -0.012 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

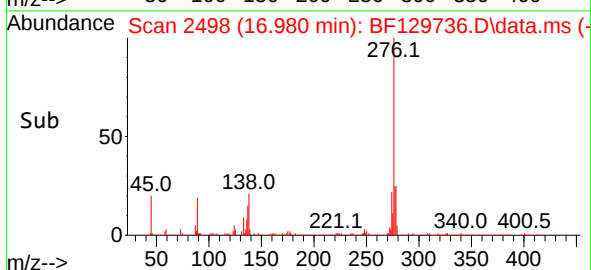
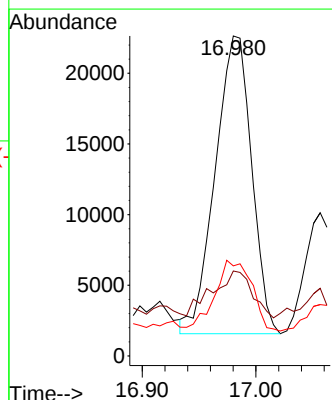
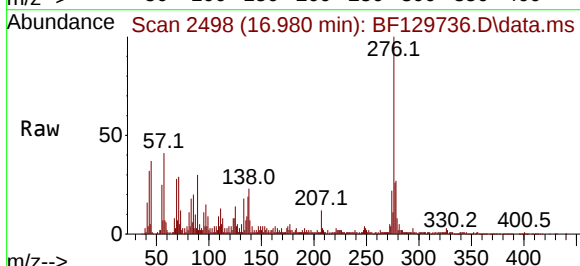
Tgt Ion:278 Resp: 46892

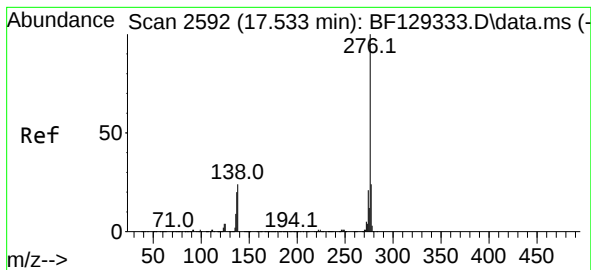
Ion Ratio Lower Upper

278 100

139 26.6 12.8 19.2#

279 28.1 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 14.927 ng

RT: 17.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129736.D

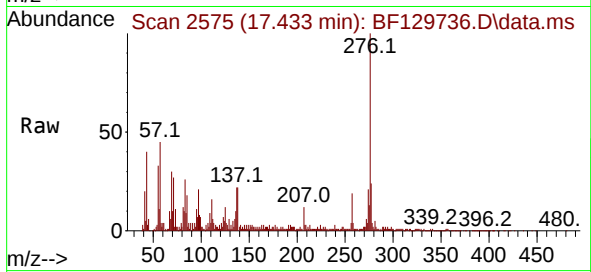
Acq: 12 Aug 2022 02:32

Instrument :

BNA\_F

ClientSampleId :

PPE-DRUMS-0808



Tgt Ion:276 Resp: 162978

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 22.1 18.0 27.0

