

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121622\  
 Data File : BF131680.D  
 Acq On : 16 Dec 2022 22:34  
 Operator : CG\JU  
 Sample : N6037-24  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB-28-(5-7)

Quant Time: Dec 17 03:59:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 16 01:44:46 2022  
 Response via : Initial Calibration

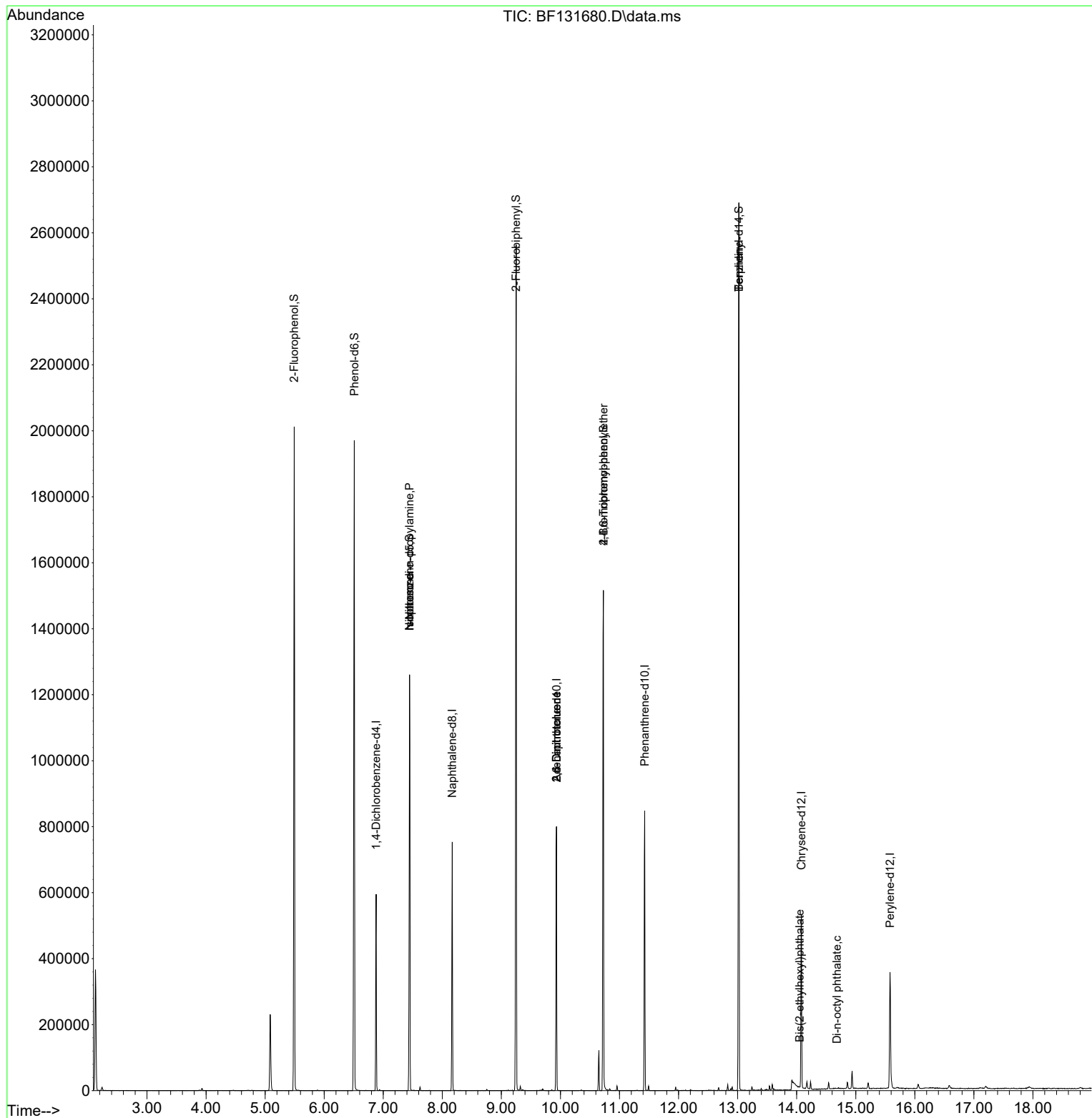
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 77058    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 271288   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.933  | 164  | 156286   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 301406   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.080 | 240  | 184497   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.580 | 264  | 170378   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 494350   | 107.025 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 633694   | 104.693 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 434928   | 60.612  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 170004   | 97.907  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 740987   | 59.781  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 869019   | 64.596  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 60662    | 13.366  | ng    | # 77     |
| 25) Isophorone                | 7.445  | 82   | 434923   | 37.629  | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 19509    | 7.932   | ng    | # 10     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 19509    | 5.979   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.727 | 248  | 12144    | 3.132   | ng    | # 1      |
| 77) Benzidine                 | 13.021 | 184  | 13225    | 2.675   | ng    | # 90     |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 1423     | 3.218   | ng    | # 77     |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 83       | 5.225   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

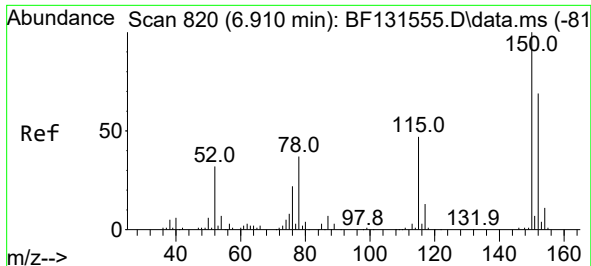
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121622\  
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Sample : N6037-24  
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QLast Update : Fri Dec 16 01:44:46 2022  
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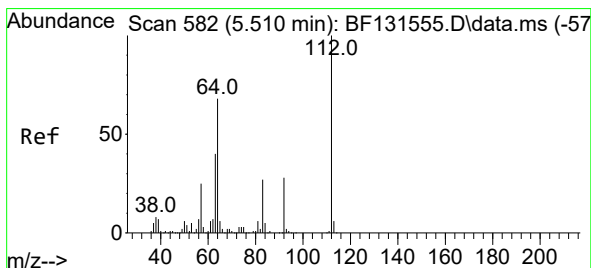
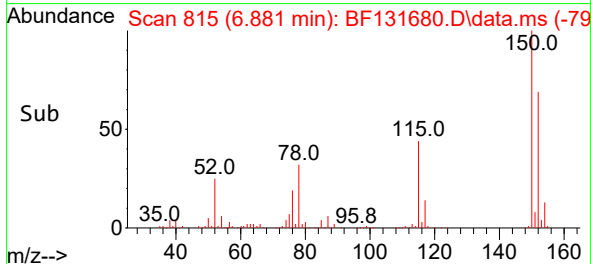
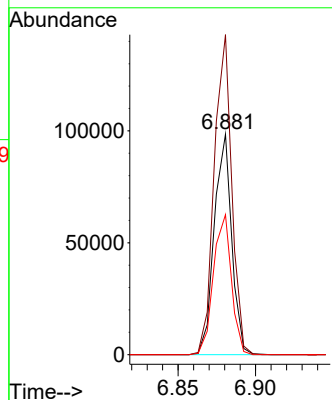
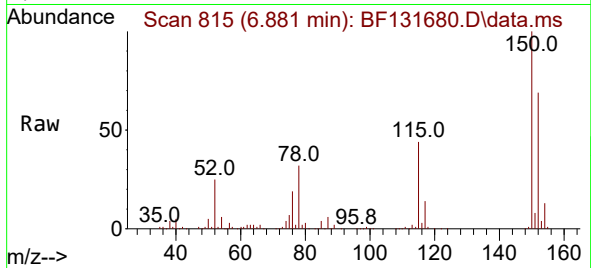




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

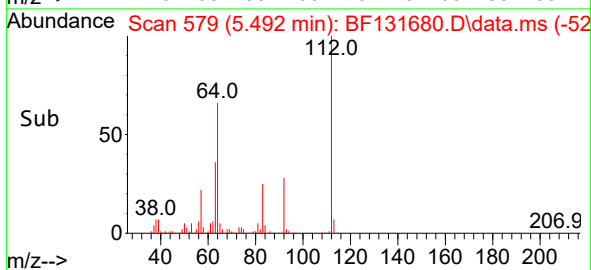
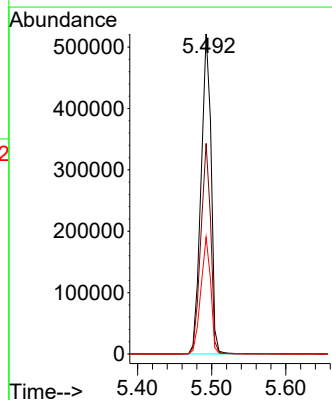
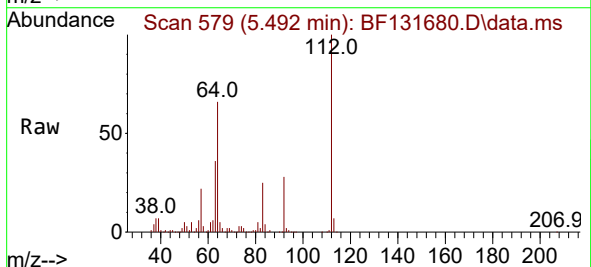
Instrument :  
BNA\_F  
ClientSampleId :  
RB-28-(5-7)

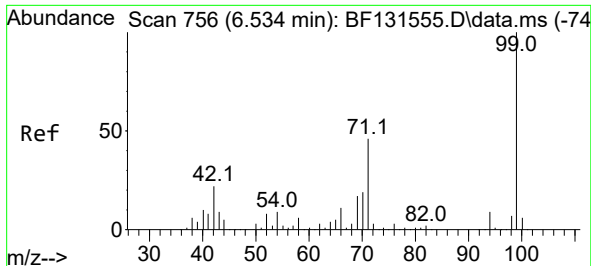
Tgt Ion:152 Resp: 77058  
Ion Ratio Lower Upper  
152 100  
150 145.1 116.7 175.1  
115 63.5 54.6 82.0



#5  
2-Fluorophenol  
Concen: 107.025 ng  
RT: 5.492 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

Tgt Ion:112 Resp: 494350  
Ion Ratio Lower Upper  
112 100  
64 65.8 54.5 81.7  
63 36.5 31.9 47.9

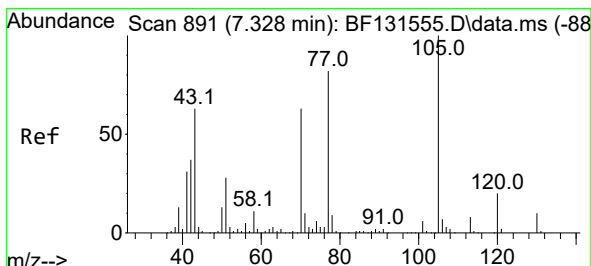
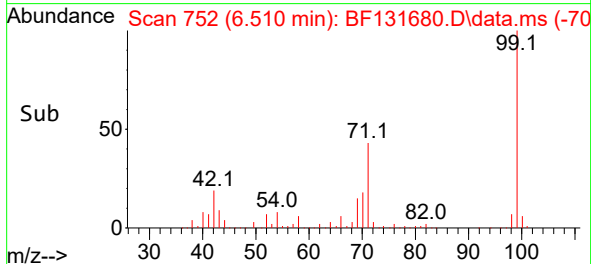
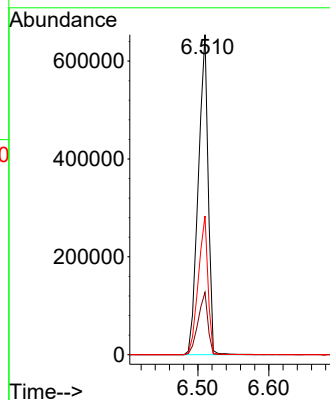
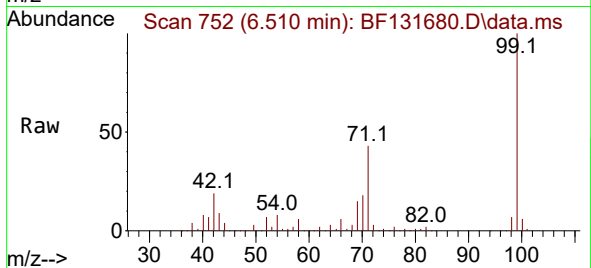




#7  
Phenol-d6  
Concen: 104.693 ng  
RT: 6.510 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

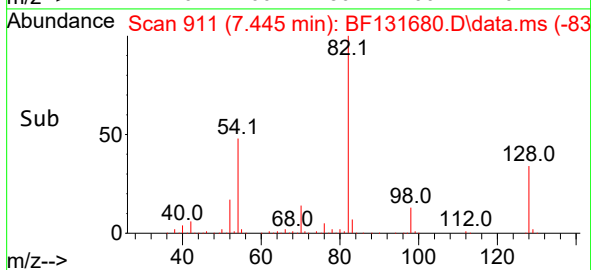
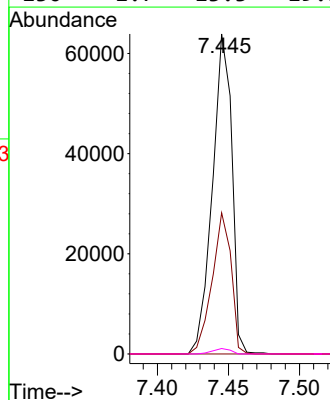
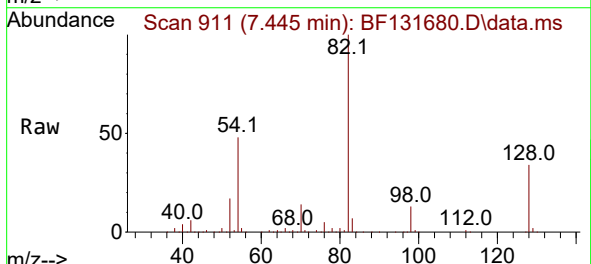
Instrument :  
BNA\_F  
ClientSampleId :  
RB-28-(5-7)

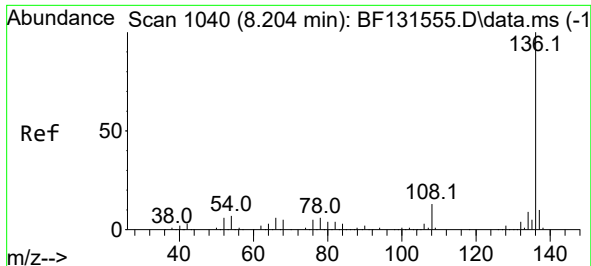
Tgt Ion: 99 Resp: 633694  
Ion Ratio Lower Upper  
99 100  
42 19.5 17.9 26.9  
71 43.4 37.2 55.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.366 ng  
RT: 7.445 min Scan# 911  
Delta R.T. 0.147 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

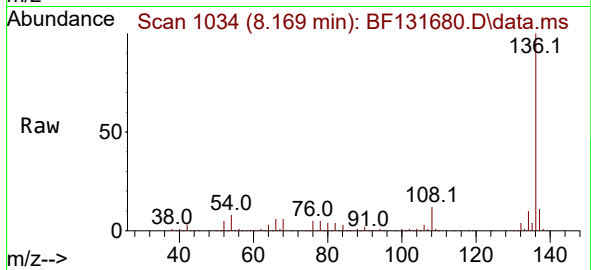
Tgt Ion: 70 Resp: 60662  
Ion Ratio Lower Upper  
70 100  
42 44.1 46.4 69.6#  
101 0.0 7.2 10.8#  
130 1.7 13.3 19.9#



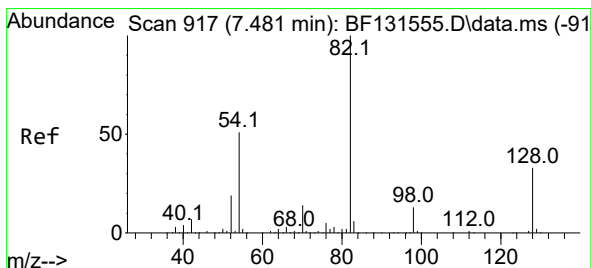
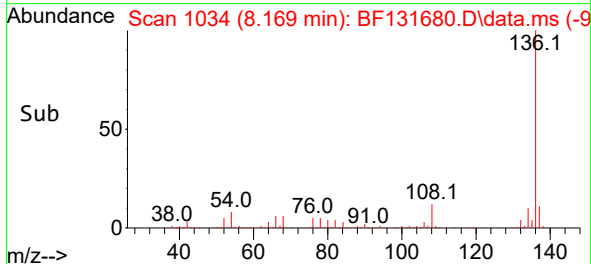
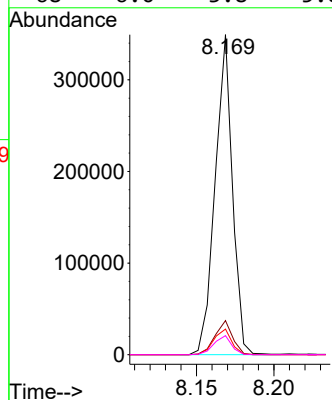


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

Instrument :  
BNA\_F  
ClientSampleId :  
RB-28-(5-7)

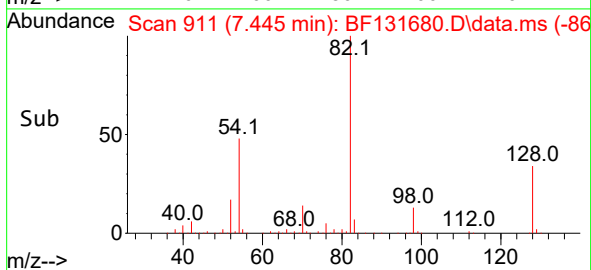
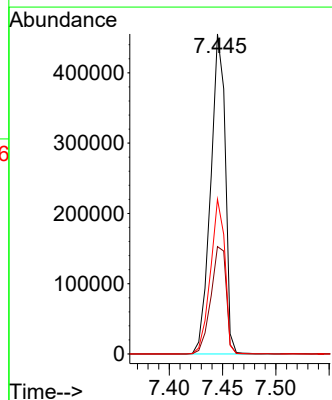
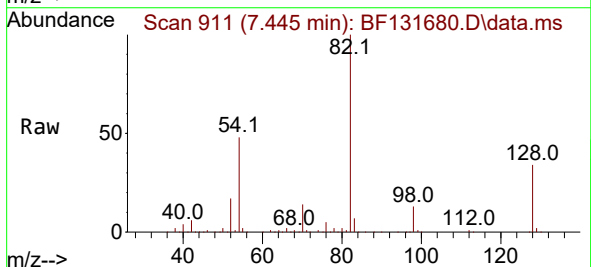


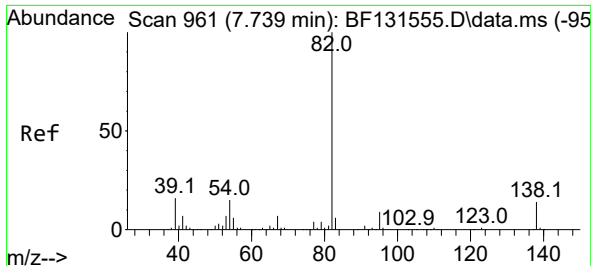
Tgt Ion:136 Resp: 271288  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.1 12.1  
54 8.0 6.0 9.0  
68 6.0 3.8 5.8#



#23  
Nitrobenzene-d5  
Concen: 60.612 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

Tgt Ion: 82 Resp: 434928  
Ion Ratio Lower Upper  
82 100  
128 33.6 26.1 39.1  
54 48.4 40.6 60.8

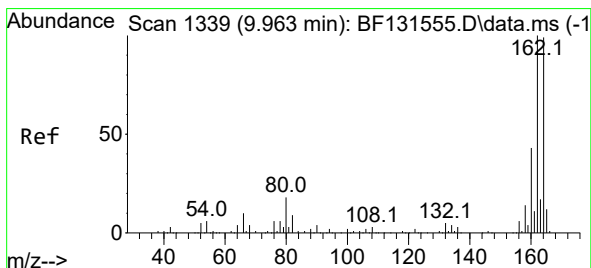
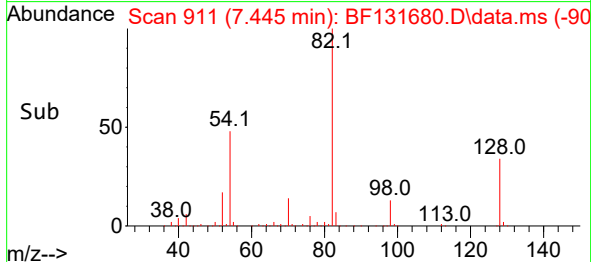
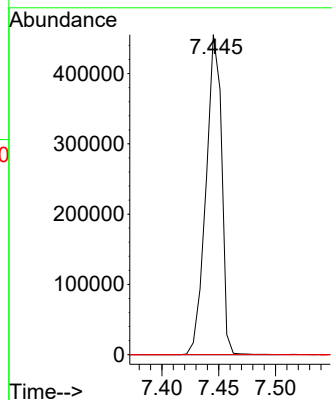
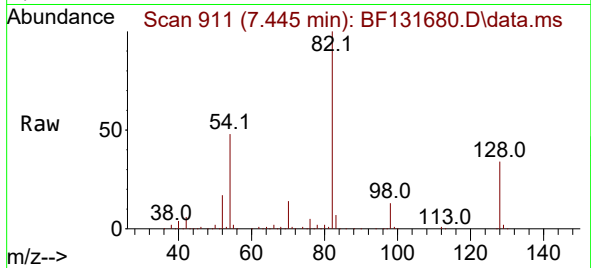




#25  
Isophorone  
Concen: 37.629 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.265 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

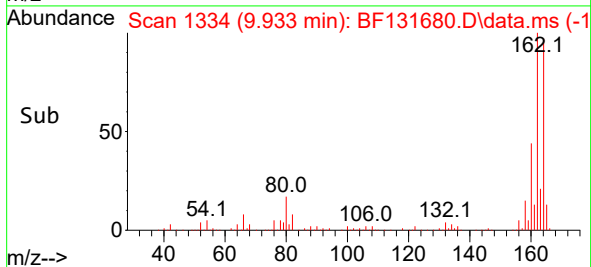
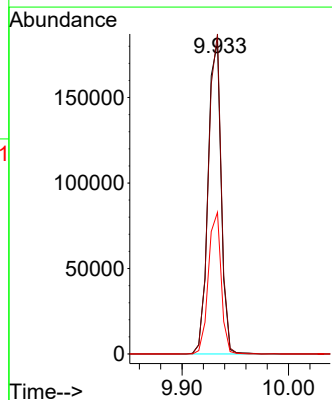
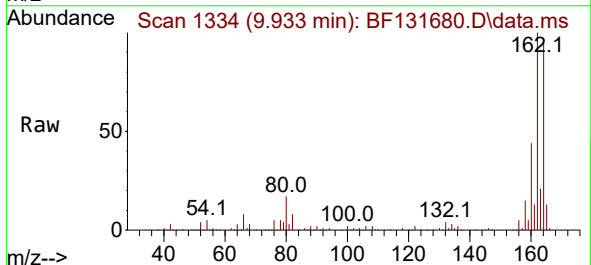
Instrument :  
BNA\_F  
ClientSampleId :  
RB-28-(5-7)

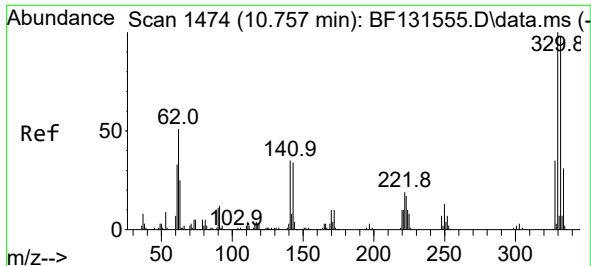
Tgt Ion: 82 Resp: 434923  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.9 10.3#  
138 0.0 11.4 17.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

Tgt Ion:164 Resp: 156286  
Ion Ratio Lower Upper  
164 100  
162 102.7 81.0 121.6  
160 45.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 97.907 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131680.D

Acq: 16 Dec 2022 22:34

Instrument :

BNA\_F

ClientSampleId :

RB-28-(5-7)

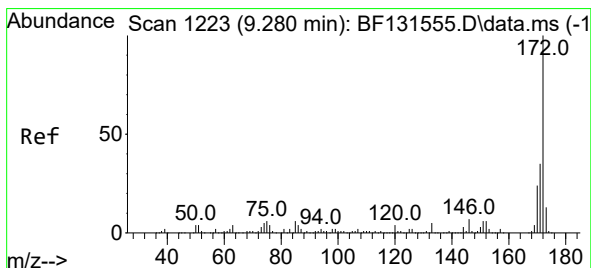
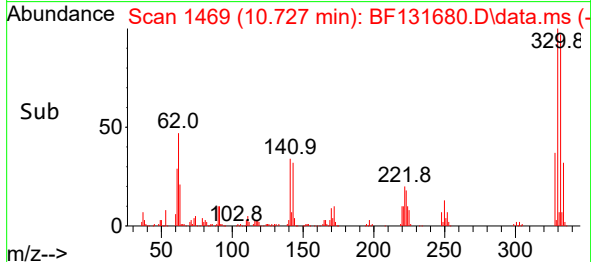
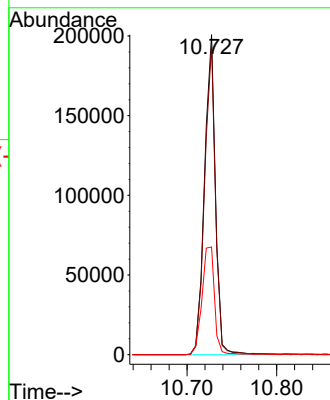
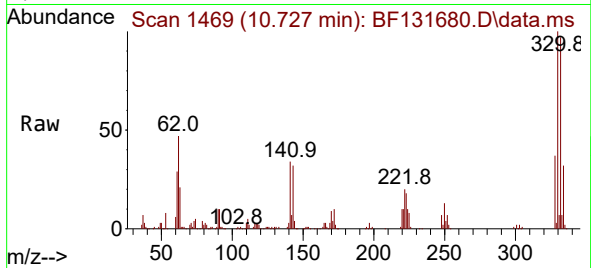
Tgt Ion:330 Resp: 170004

Ion Ratio Lower Upper

330 100

332 96.3 78.3 117.5

141 38.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 59.781 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131680.D

Acq: 16 Dec 2022 22:34

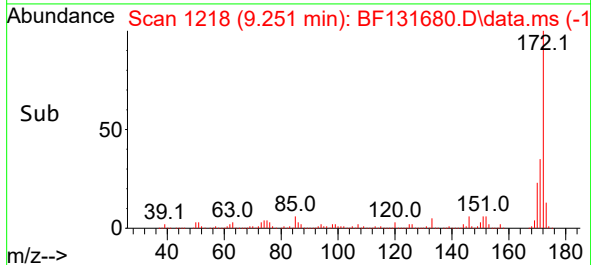
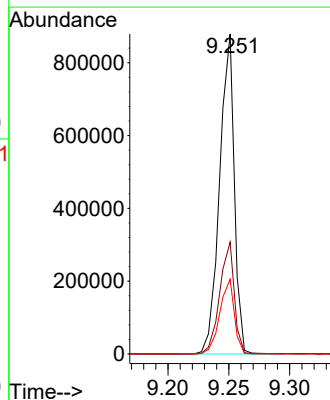
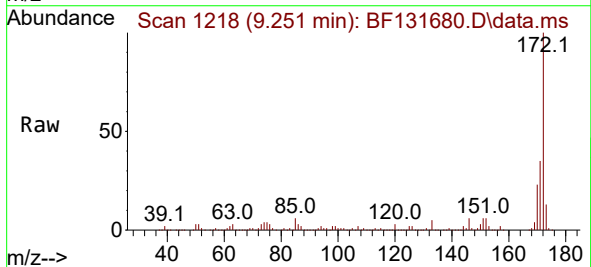
Tgt Ion:172 Resp: 740987

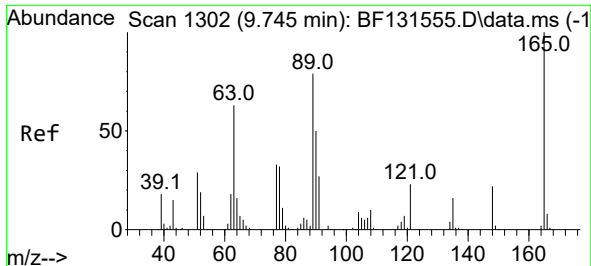
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 19.3 28.9

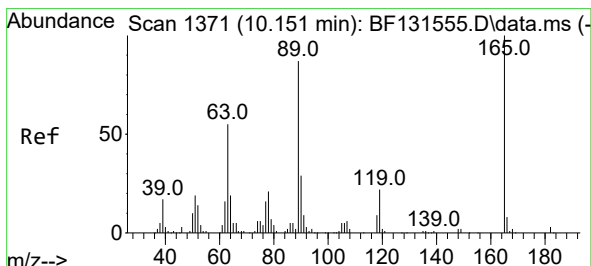
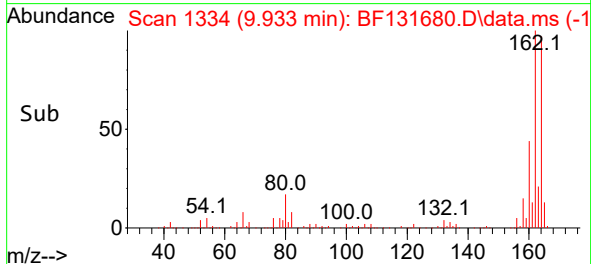
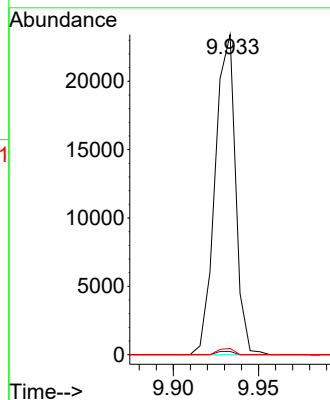
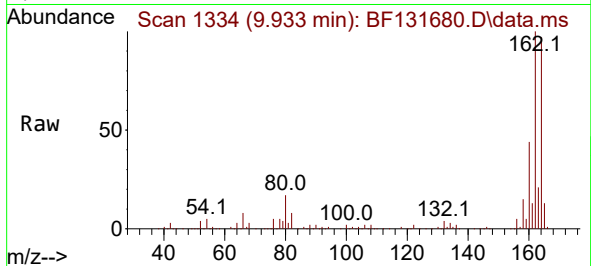




#51  
2,6-Dinitrotoluene  
Concen: 7.932 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.212 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

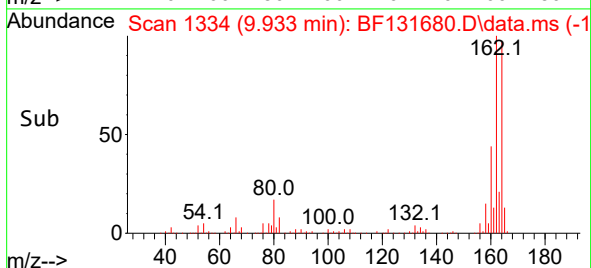
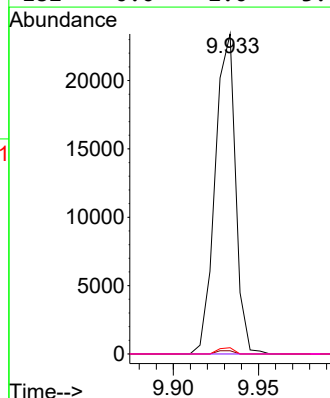
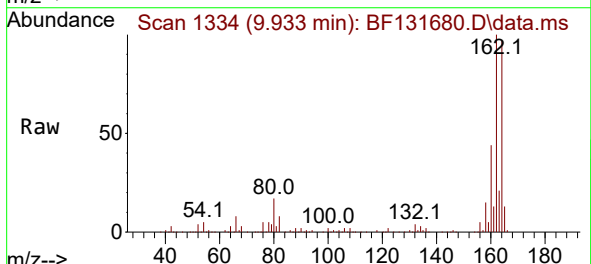
Instrument :  
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RB-28-(5-7)

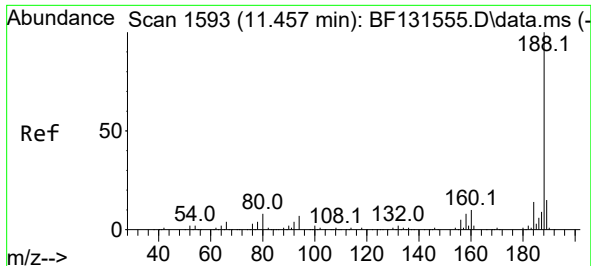
Tgt Ion:165 Resp: 19509  
Ion Ratio Lower Upper  
165 100  
63 1.0 67.9 101.9#  
89 2.0 63.2 94.8#



#57  
2,4-Dinitrotoluene  
Concen: 5.979 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.194 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

Tgt Ion:165 Resp: 19509  
Ion Ratio Lower Upper  
165 100  
63 1.0 44.4 66.6#  
89 2.0 69.6 104.4#  
182 0.0 2.0 3.0#

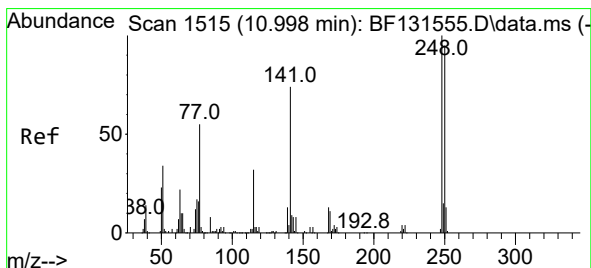
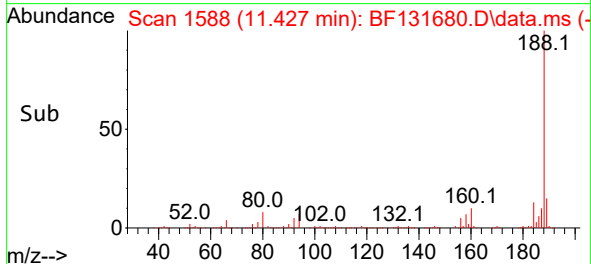
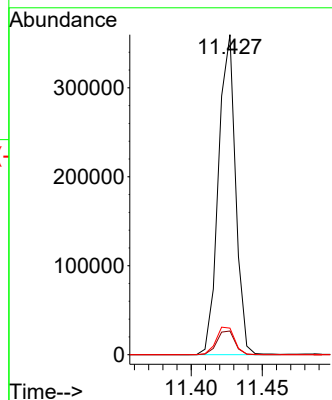
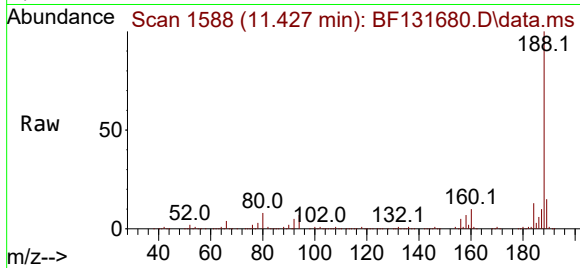




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

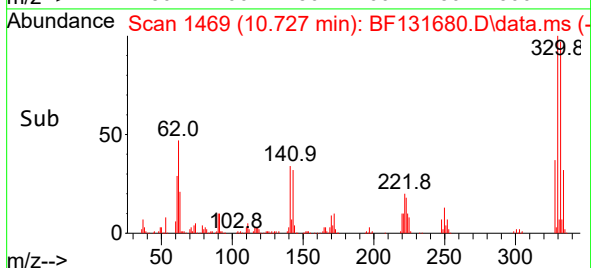
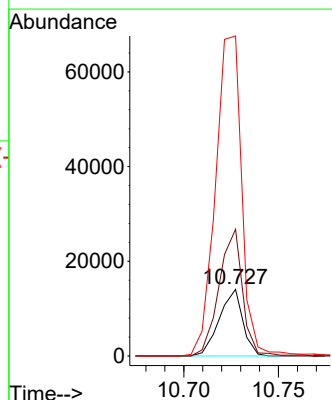
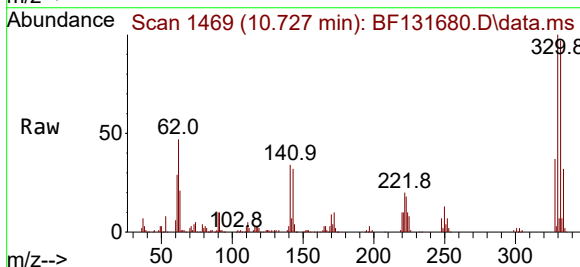
Instrument :  
BNA\_F  
ClientSampleId :  
RB-28-(5-7)

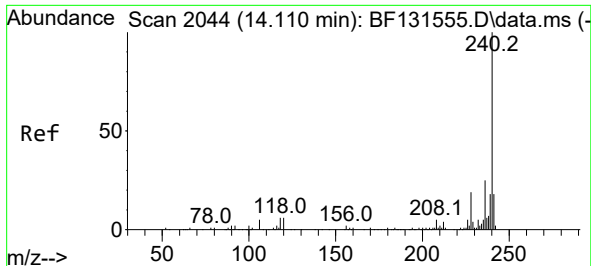
Tgt Ion:188 Resp: 301406  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.5 8.3  
80 8.3 6.6 10.0



#67  
4-Bromophenyl-phenylether  
Concen: 3.132 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. -0.241 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

Tgt Ion:248 Resp: 12144  
Ion Ratio Lower Upper  
248 100  
250 190.1 76.2 114.2#  
141 480.2 59.5 89.3#

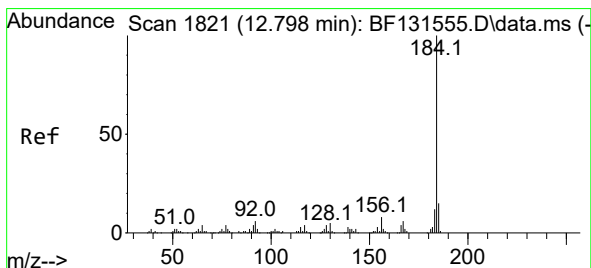
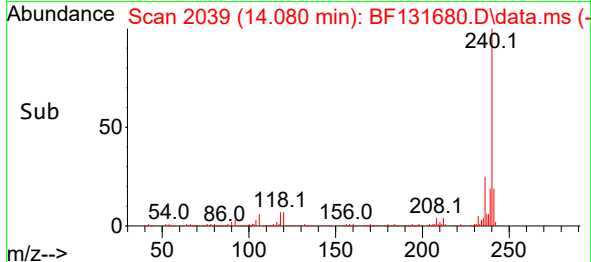
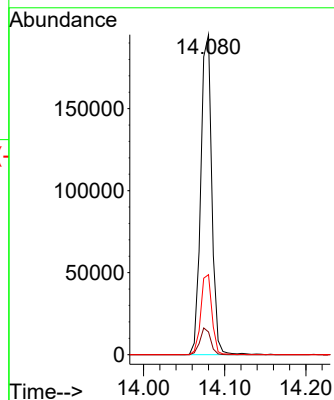
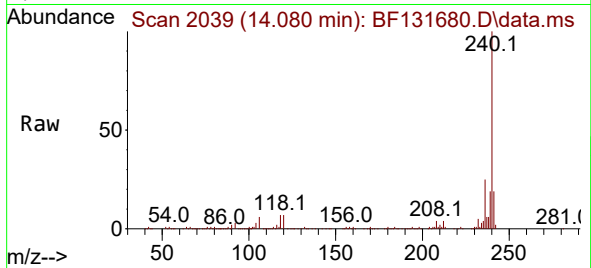




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2044  
Delta R.T. -0.000 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

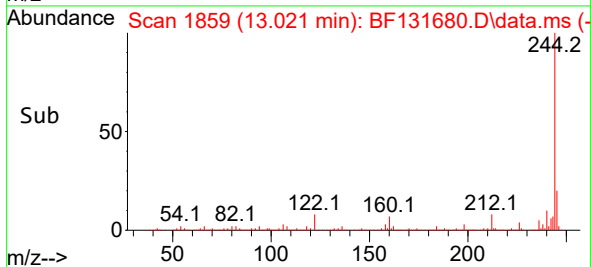
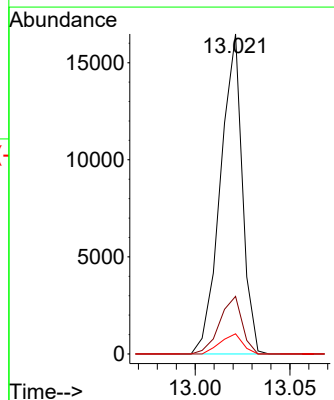
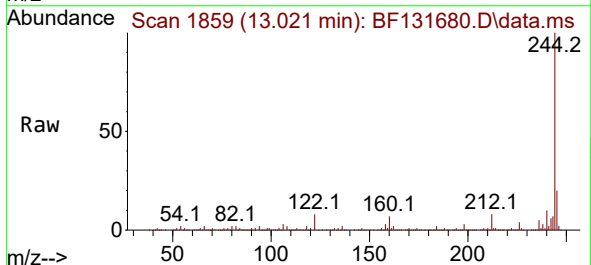
Instrument :  
BNA\_F  
ClientSampleId :  
RB-28-(5-7)

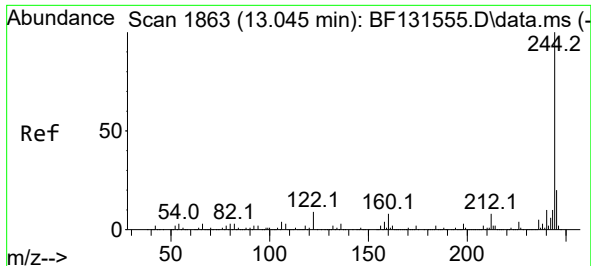
Tgt Ion:240 Resp: 184497  
Ion Ratio Lower Upper  
240 100  
120 7.1 4.6 7.0#  
236 25.0 20.2 30.2



#77  
Benzidine  
Concen: 2.675 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. 0.247 min  
Lab File: BF131680.D  
Acq: 16 Dec 2022 22:34

Tgt Ion:184 Resp: 13225  
Ion Ratio Lower Upper  
184 100  
185 18.0 12.2 18.2  
183 6.3 9.3 13.9#

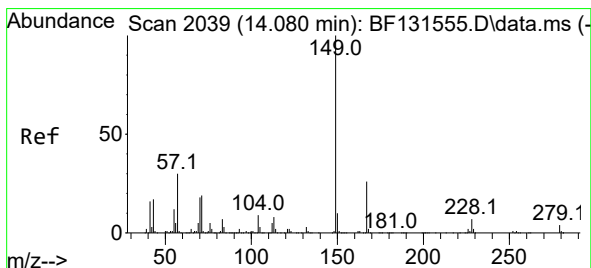
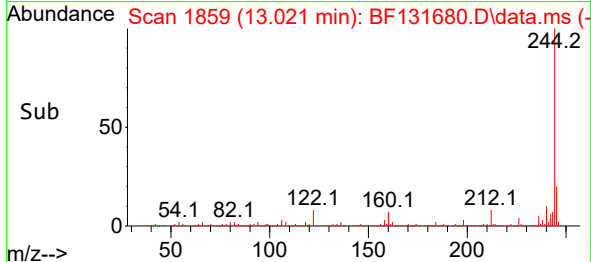
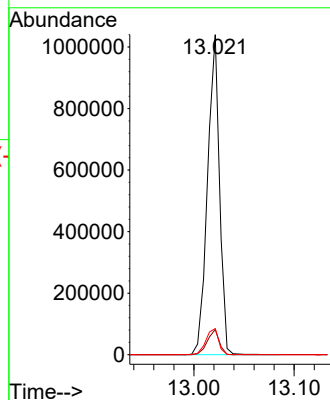
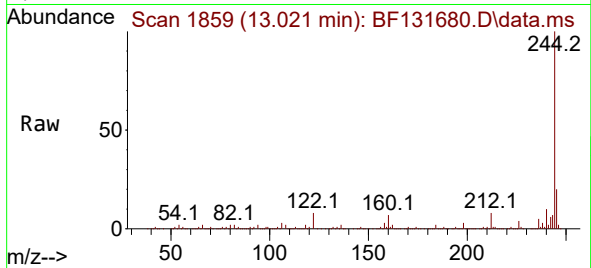




#79  
 Terphenyl-d14  
 Concen: 64.596 ng  
 RT: 13.021 min Scan# 1859  
 Delta R.T. -0.000 min  
 Lab File: BF131680.D  
 Acq: 16 Dec 2022 22:34

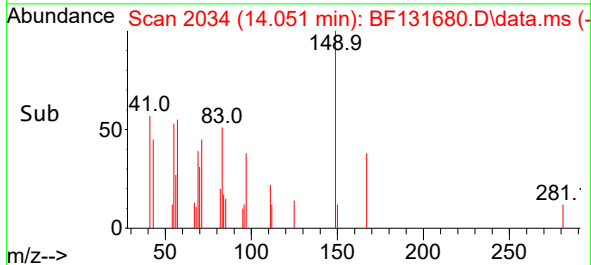
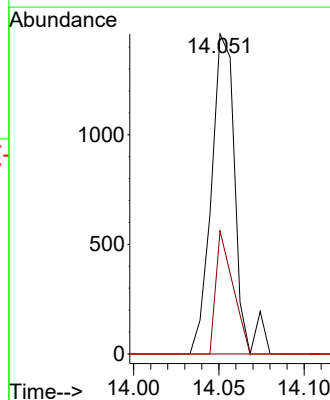
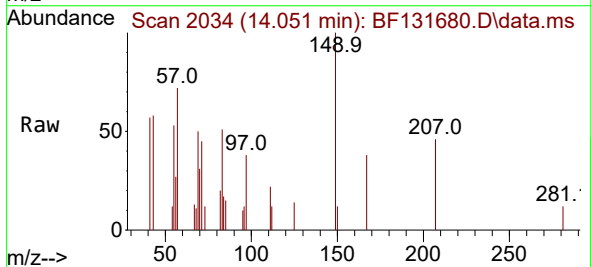
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB-28-(5-7)

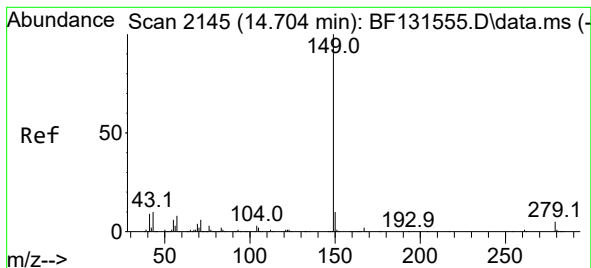
Tgt Ion:244 Resp: 869019  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.5 9.7  
 122 8.2 7.1 10.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.218 ng  
 RT: 14.051 min Scan# 2034  
 Delta R.T. -0.006 min  
 Lab File: BF131680.D  
 Acq: 16 Dec 2022 22:34

Tgt Ion:149 Resp: 1423  
 Ion Ratio Lower Upper  
 149 100  
 167 38.4 20.8 31.2#  
 279 0.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.225 ng

RT: 14.680 min Scan# 2145

Delta R.T. 0.006 min

Lab File: BF131680.D

Acq: 16 Dec 2022 22:34

Instrument :

BNA\_F

ClientSampleId :

RB-28-(5-7)

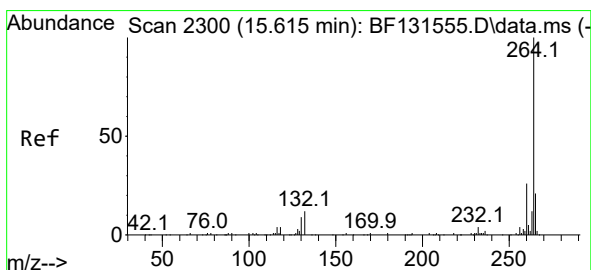
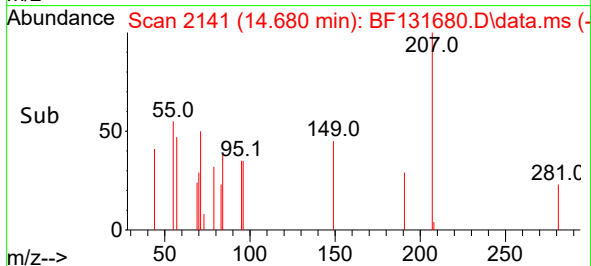
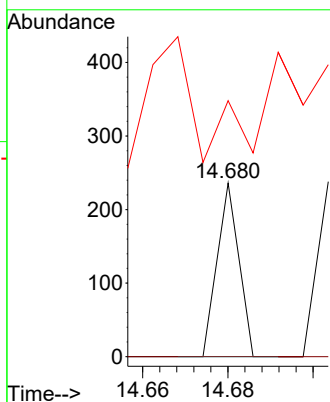
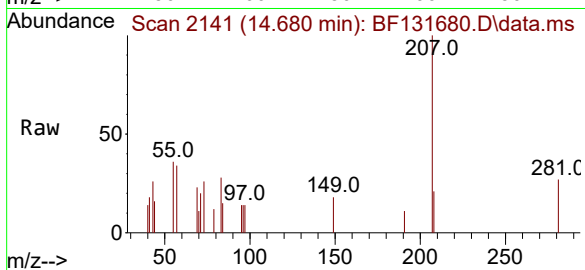
Tgt Ion:149 Resp: 83

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 163.9 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BF131680.D

Acq: 16 Dec 2022 22:34

Tgt Ion:264 Resp: 170378

Ion Ratio Lower Upper

264 100

260 23.9 20.6 30.8

265 20.9 16.8 25.2

