

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121222\  
 Data File : BF131598.D  
 Acq On : 12 Dec 2022 18:07  
 Operator : CG\JU  
 Sample : N6001-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10

Quant Time: Dec 13 04:16:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 13 04:12:13 2022  
 Response via : Initial Calibration

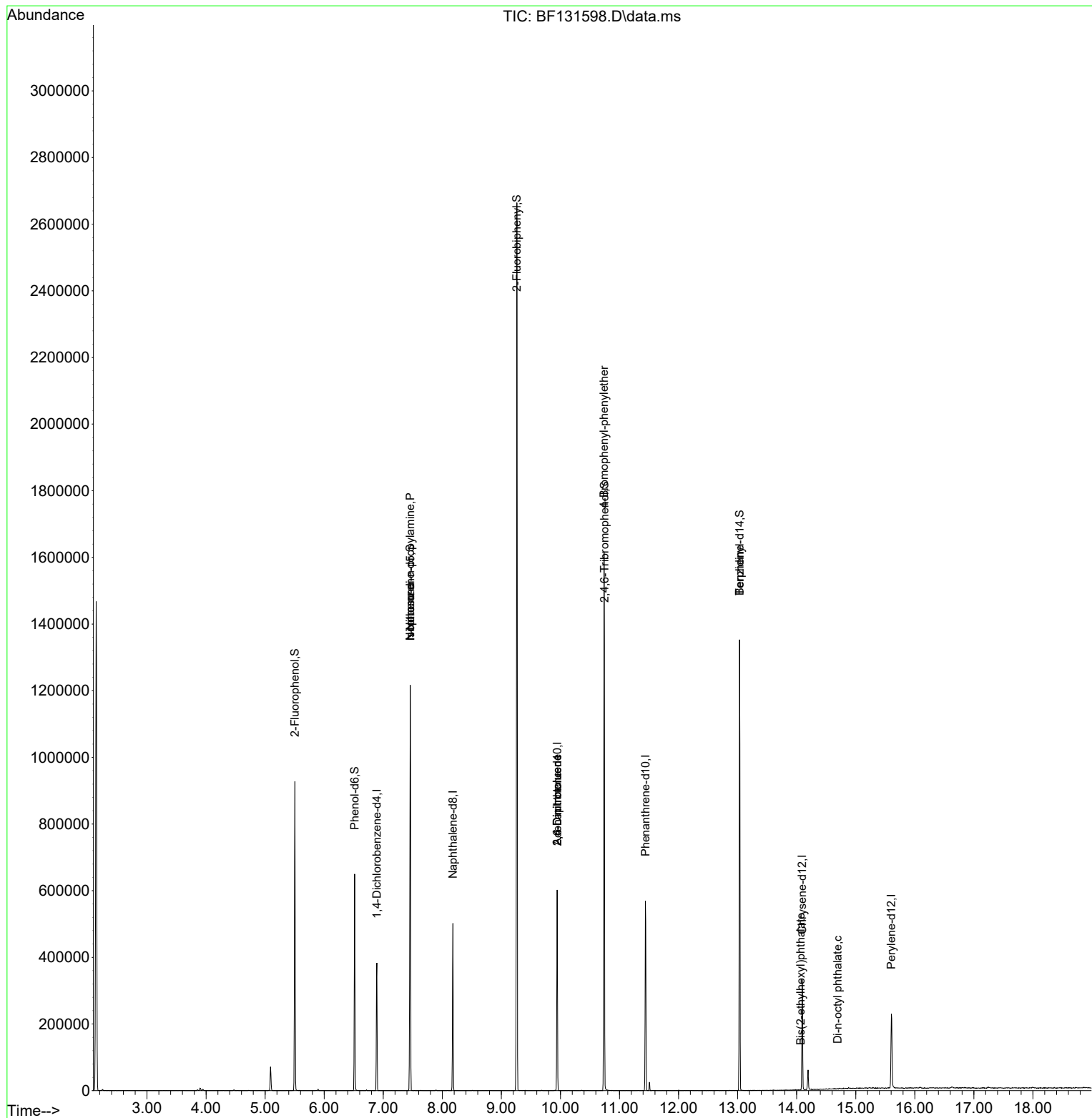
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 51852    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 187329   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.945  | 164  | 108745   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 208351   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.092 | 240  | 115434   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.604 | 264  | 113948   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 202257   | 65.074  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 170526   | 41.868  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 425758   | 85.927  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 173858   | 143.900 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 768765   | 89.137  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.033 | 244  | 447518   | 53.167  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 60714    | 19.880  | ng    | # 78     |
| 25) Isophorone                | 7.457  | 82   | 425752   | 53.345  | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.945  | 165  | 14296    | 8.353   | ng    | # 10     |
| 57) 2,4-Dinitrotoluene        | 9.945  | 165  | 14296    | 6.297   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.739 | 248  | 12446    | 4.644   | ng    | # 1      |
| 77) Benzidine                 | 13.033 | 184  | 7198     | 2.327   | ng    | # 92     |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 271      | 3.089   | ng    | # 54     |
| 85) Di-n-octyl phthalate      | 14.692 | 149  | 129      | 5.235   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

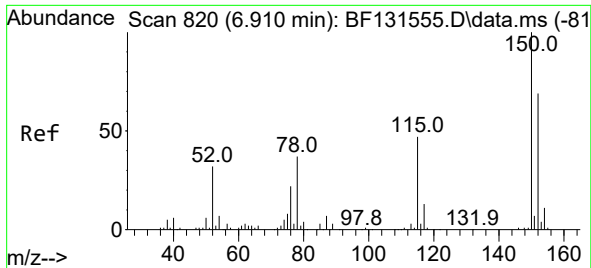
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121222\  
Data File : BF131598.D  
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Sample : N6001-09  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
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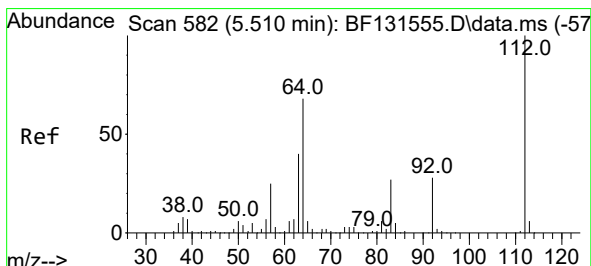
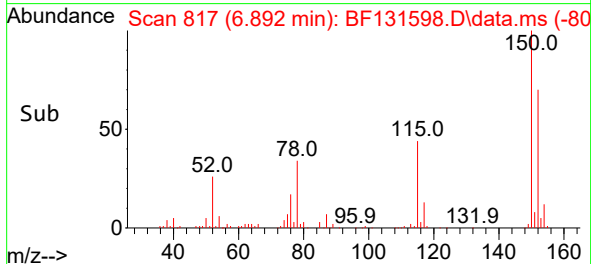
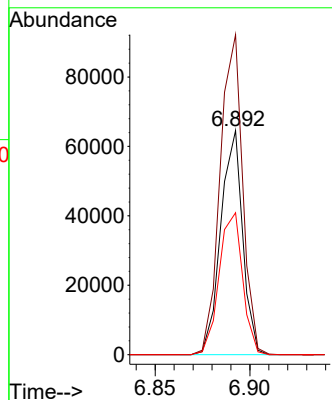
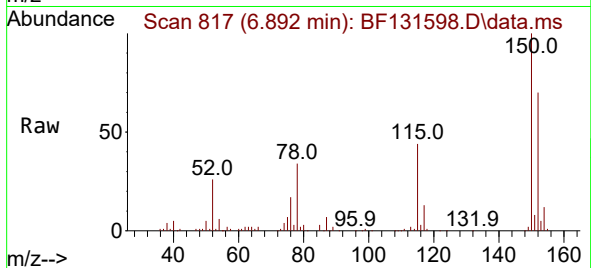




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

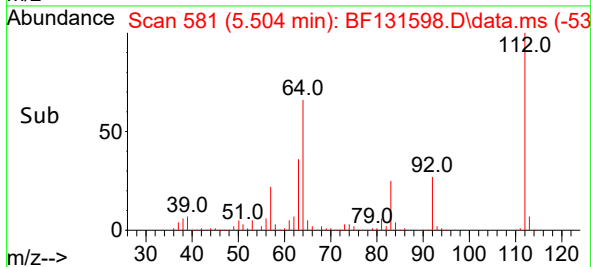
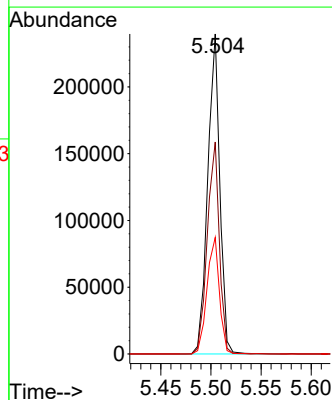
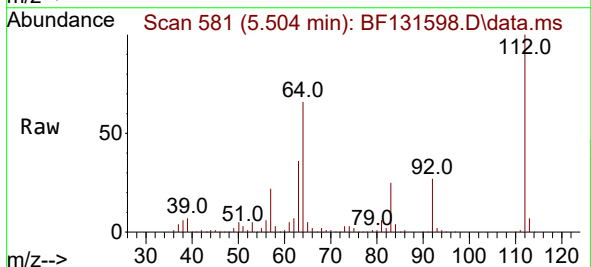
Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

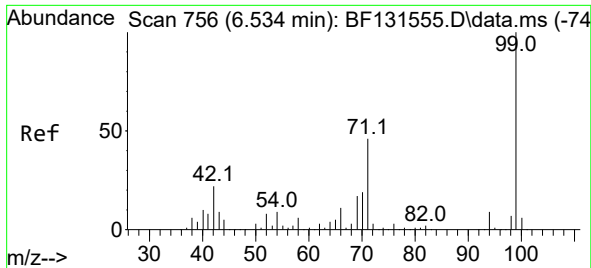
Tgt Ion:152 Resp: 51852  
Ion Ratio Lower Upper  
152 100  
150 142.8 116.7 175.1  
115 63.3 54.6 82.0



#5  
2-Fluorophenol  
Concen: 65.074 ng  
RT: 5.504 min Scan# 581  
Delta R.T. -0.006 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

Tgt Ion:112 Resp: 202257  
Ion Ratio Lower Upper  
112 100  
64 66.3 54.5 81.7  
63 36.4 31.9 47.9





#7  
Phenol-d6  
Concen: 41.868 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

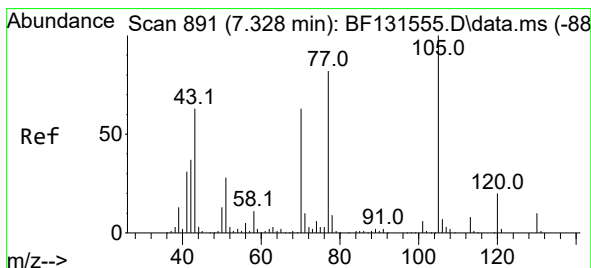
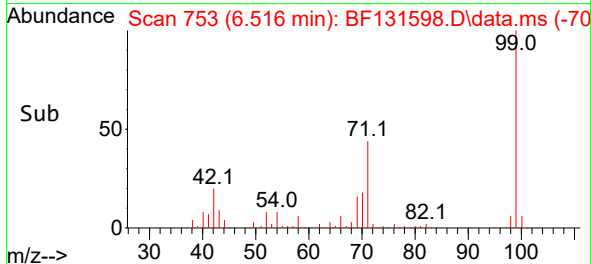
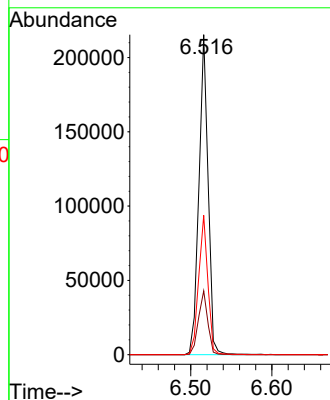
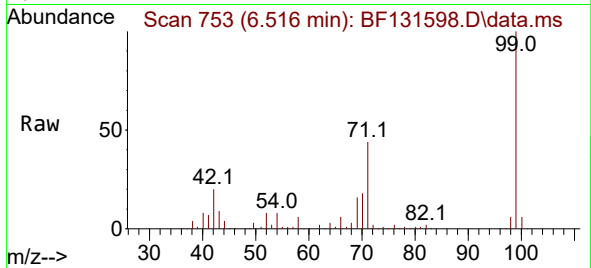
Instrument :

BNA\_F

ClientSampleId :

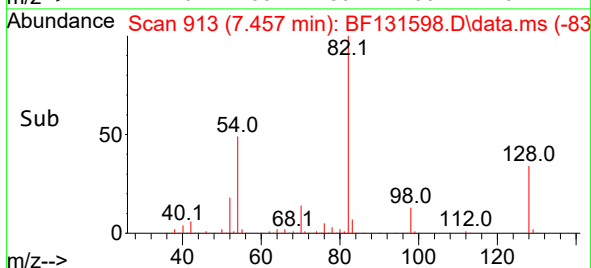
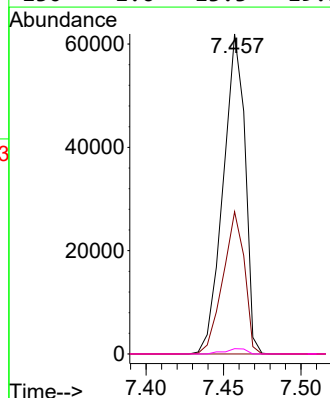
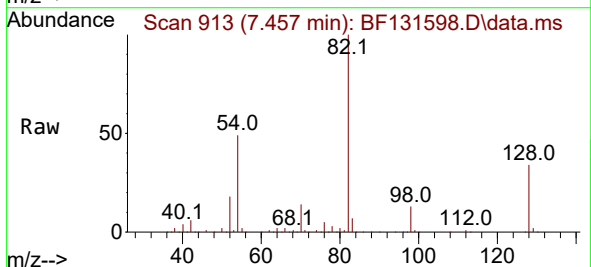
MW-10

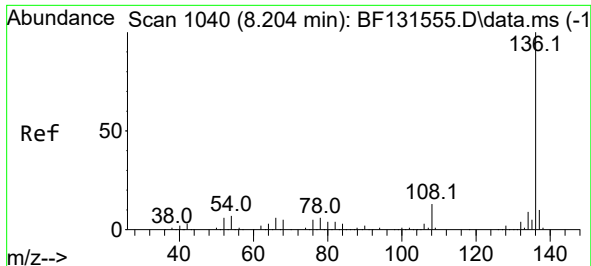
Tgt Ion: 99 Resp: 170526  
Ion Ratio Lower Upper  
99 100  
42 20.0 17.9 26.9  
71 43.5 37.2 55.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.880 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.141 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

Tgt Ion: 70 Resp: 60714  
Ion Ratio Lower Upper  
70 100  
42 44.5 46.4 69.6#  
101 0.0 7.2 10.8#  
130 1.6 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

Instrument :

BNA\_F

ClientSampleId :

MW-10

Tgt Ion:136 Resp: 187329

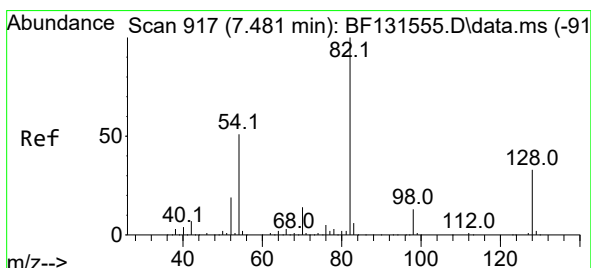
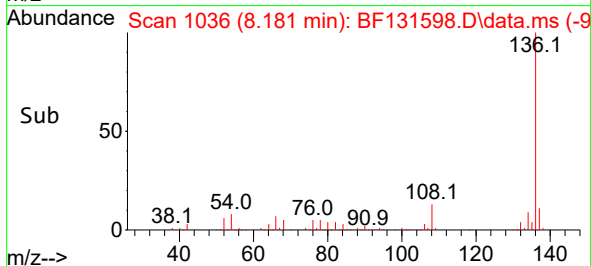
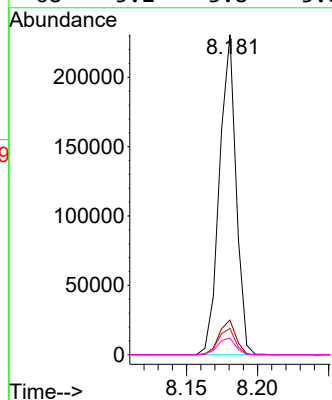
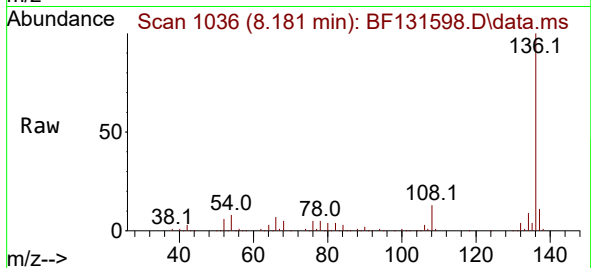
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 8.2 6.0 9.0

68 5.2 3.8 5.8



#23

Nitrobenzene-d5

Concen: 85.927 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

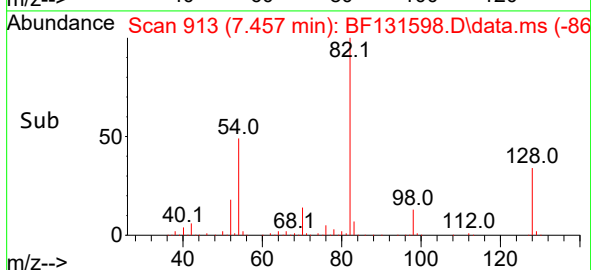
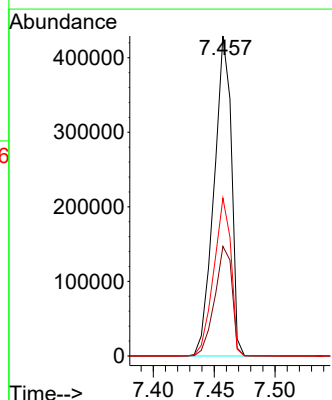
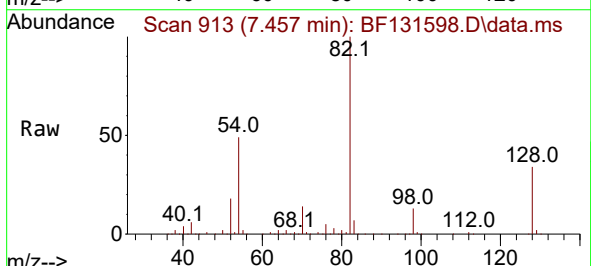
Tgt Ion: 82 Resp: 425758

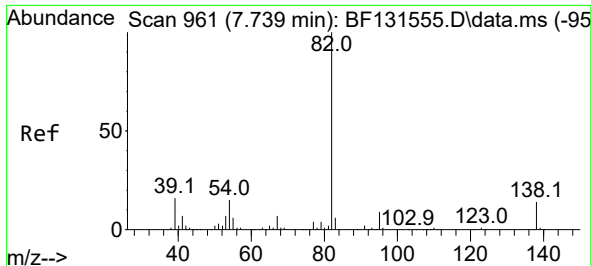
Ion Ratio Lower Upper

82 100

128 34.3 26.1 39.1

54 49.3 40.6 60.8

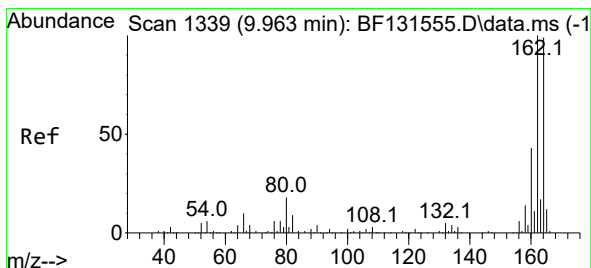
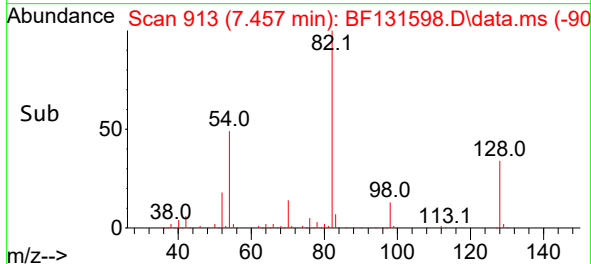
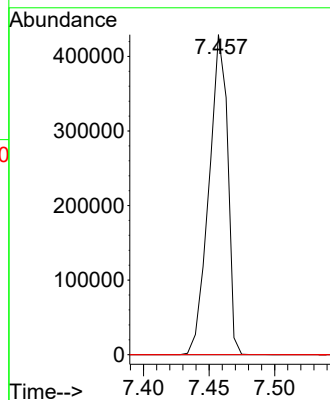
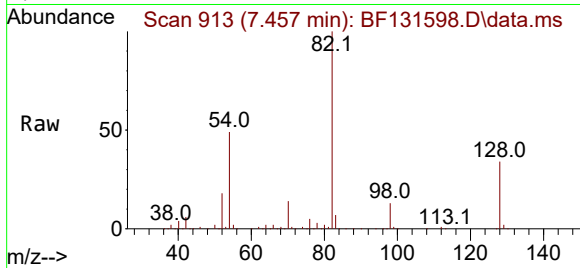




#25  
Isophorone  
Concen: 53.345 ng  
RT: 7.457 min Scan# 91  
Delta R.T. -0.265 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

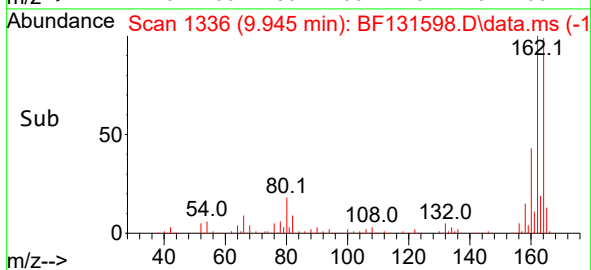
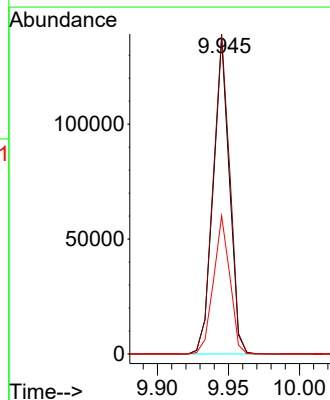
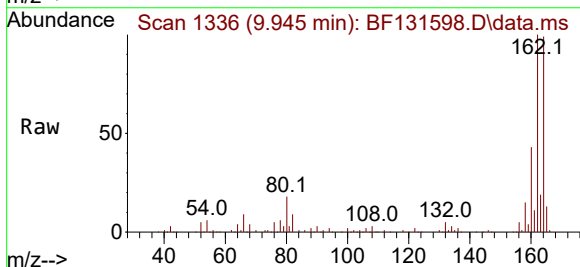
Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

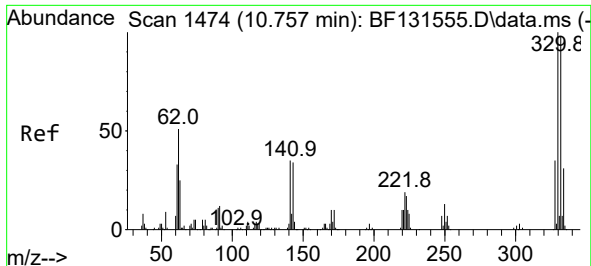
Tgt Ion: 82 Resp: 425752  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.9 10.3#  
138 0.0 11.4 17.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. -0.006 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

Tgt Ion:164 Resp: 108745  
Ion Ratio Lower Upper  
164 100  
162 101.2 81.0 121.6  
160 43.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 143.900 ng

RT: 10.745 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

Instrument :

BNA\_F

ClientSampleId :

MW-10

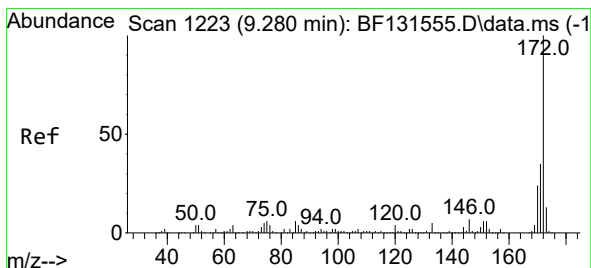
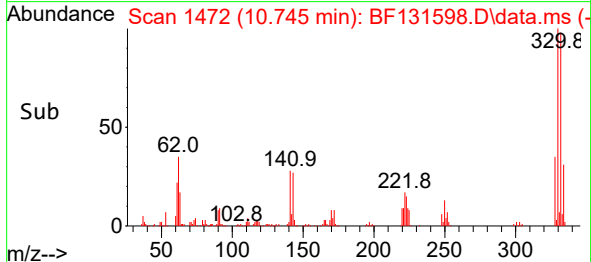
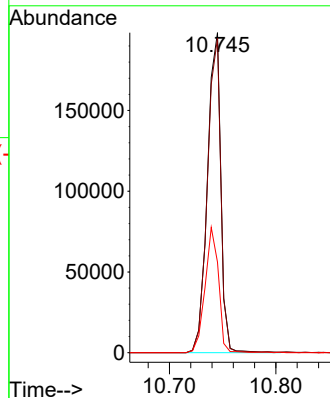
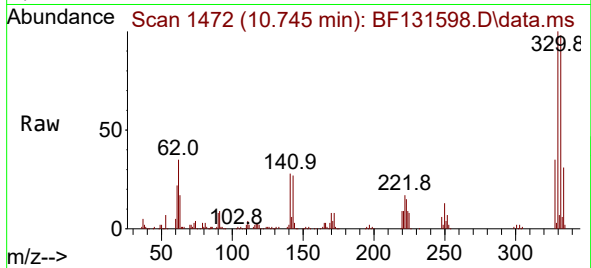
Tgt Ion:330 Resp: 173858

Ion Ratio Lower Upper

330 100

332 98.5 78.3 117.5

141 39.2 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 89.137 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

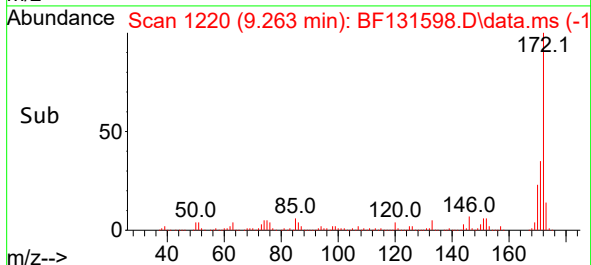
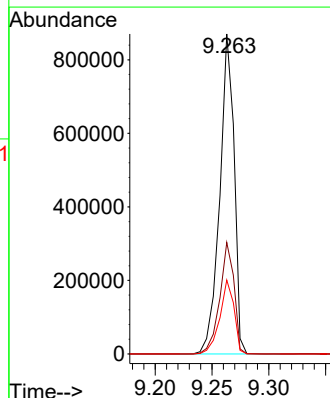
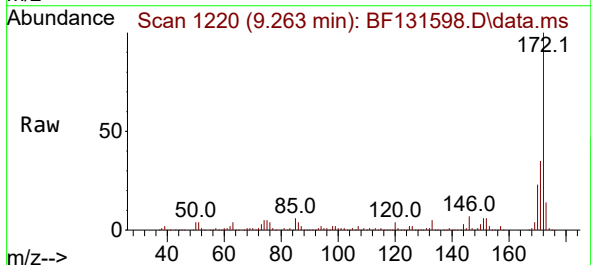
Tgt Ion:172 Resp: 768765

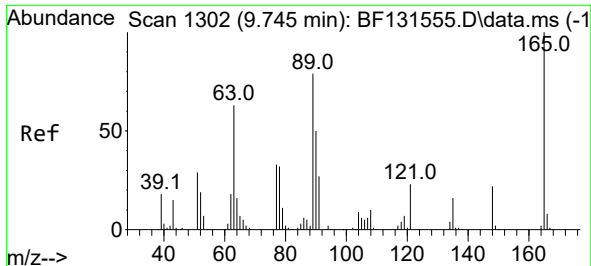
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 19.3 28.9

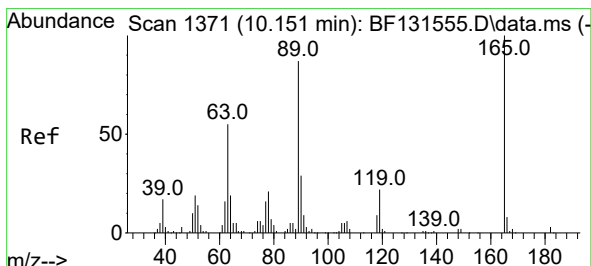
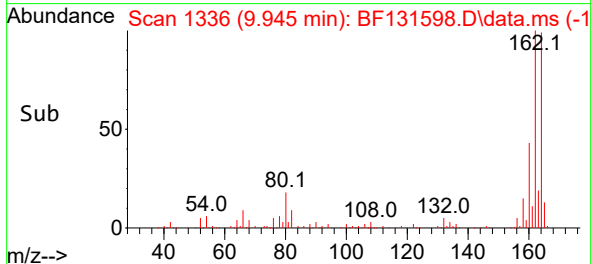
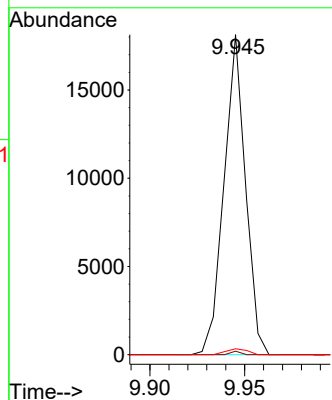
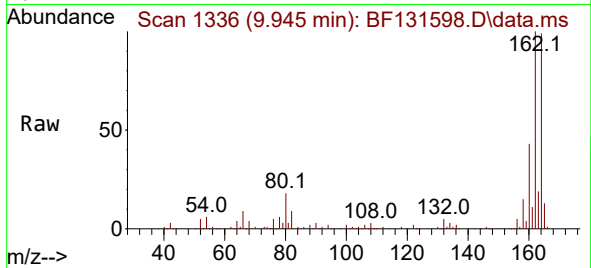




#51  
2,6-Dinitrotoluene  
Concen: 8.353 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.206 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

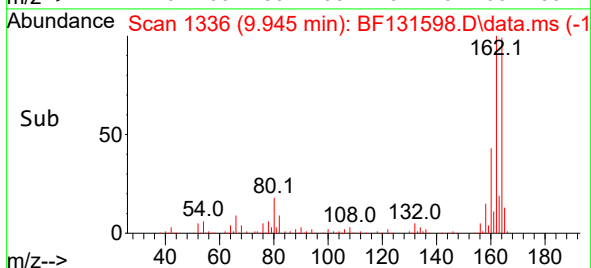
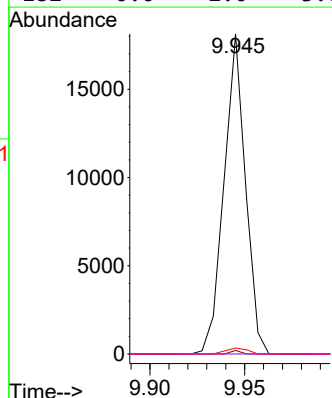
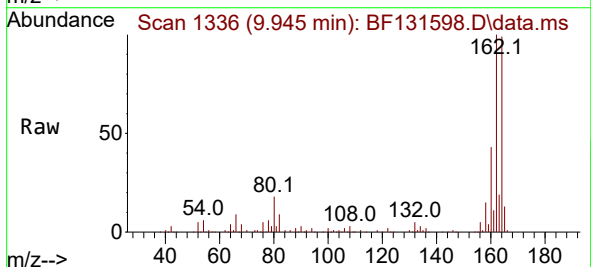
Instrument :  
BNA\_F  
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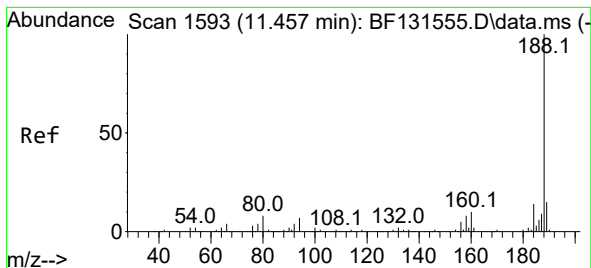
Tgt Ion:165 Resp: 14296  
Ion Ratio Lower Upper  
165 100  
63 1.1 67.9 101.9#  
89 1.9 63.2 94.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.297 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. -0.200 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

Tgt Ion:165 Resp: 14296  
Ion Ratio Lower Upper  
165 100  
63 1.1 44.4 66.6#  
89 1.9 69.6 104.4#  
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

Instrument :

BNA\_F

ClientSampleId :

MW-10

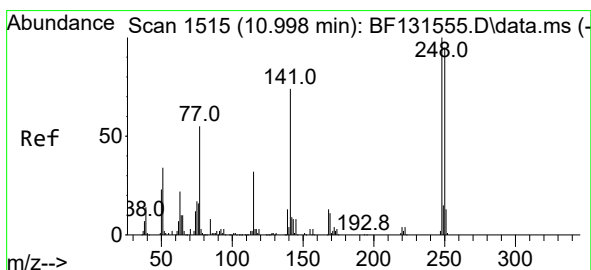
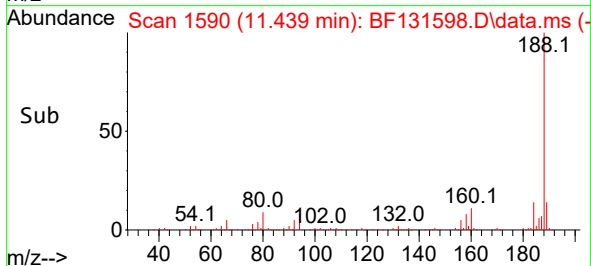
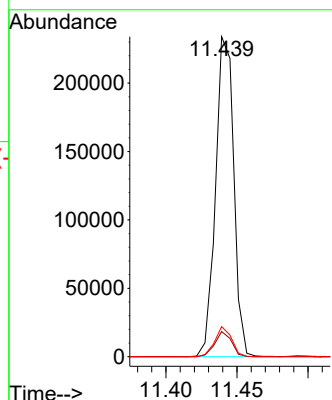
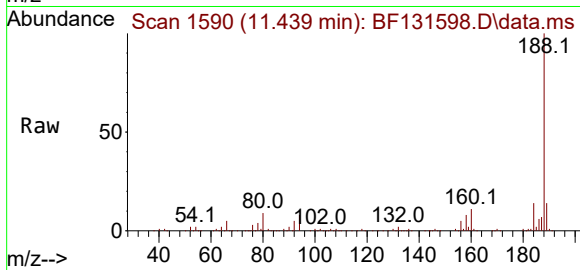
Tgt Ion:188 Resp: 208351

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 9.4 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.644 ng

RT: 10.739 min Scan# 1471

Delta R.T. -0.253 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

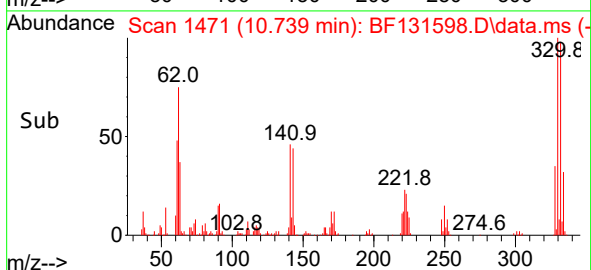
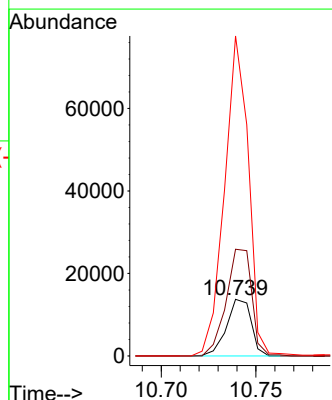
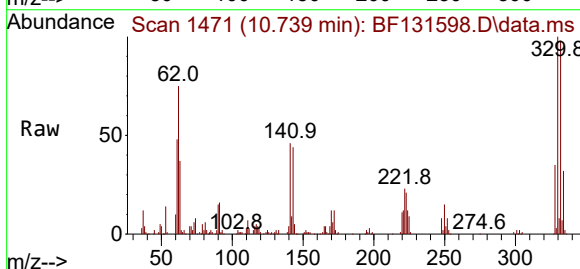
Tgt Ion:248 Resp: 12446

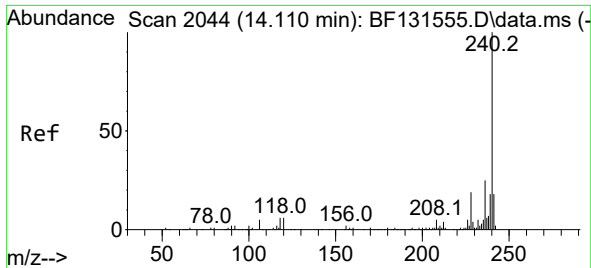
Ion Ratio Lower Upper

248 100

250 188.4 76.2 114.2#

141 565.4 59.5 89.3#

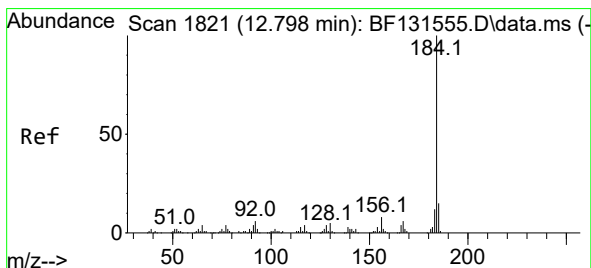
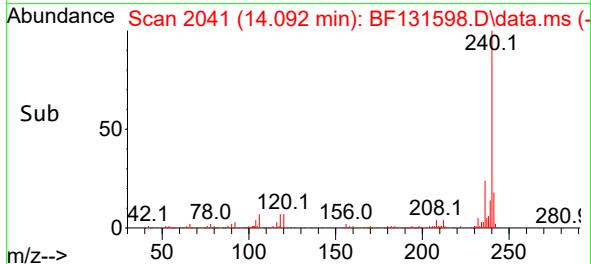
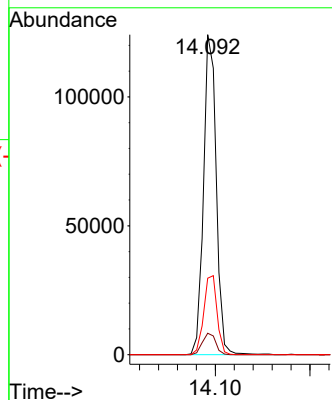
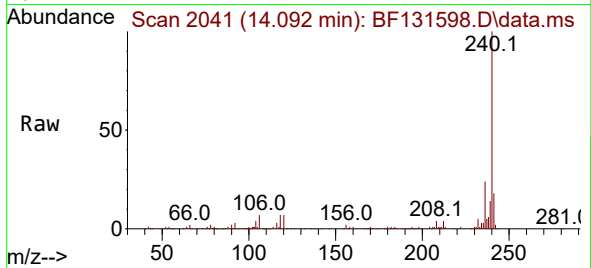




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2044  
Delta R.T. -0.012 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

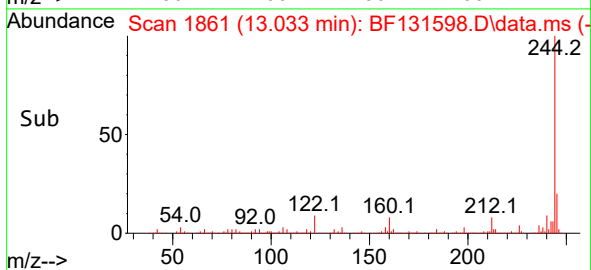
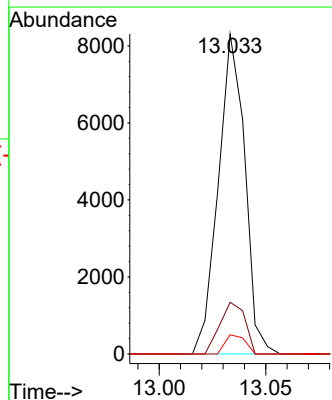
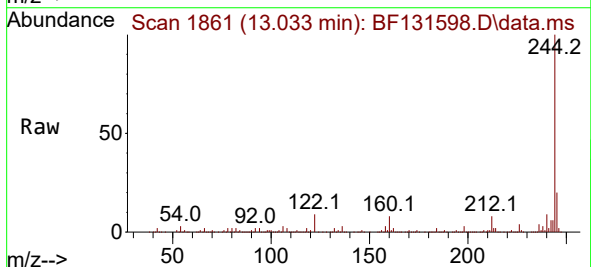
Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

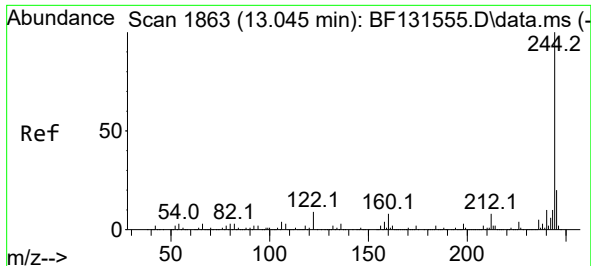
Tgt Ion:240 Resp: 115434  
Ion Ratio Lower Upper  
240 100  
120 6.7 4.6 7.0  
236 23.9 20.2 30.2



#77  
Benzidine  
Concen: 2.327 ng  
RT: 13.033 min Scan# 1861  
Delta R.T. 0.241 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

Tgt Ion:184 Resp: 7198  
Ion Ratio Lower Upper  
184 100  
185 16.1 12.2 18.2  
183 6.0 9.3 13.9#

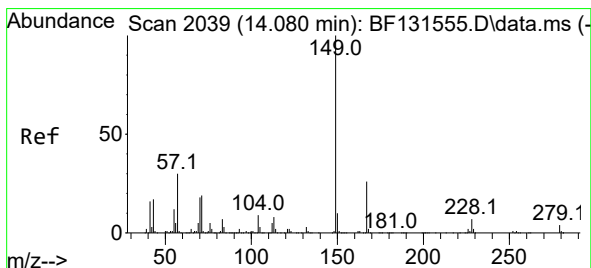
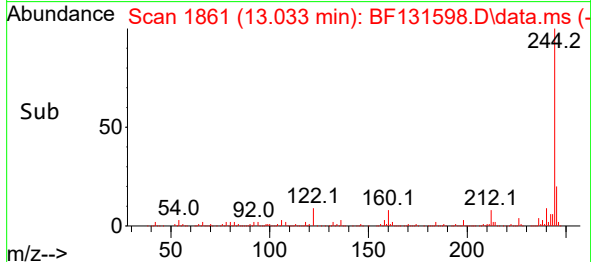
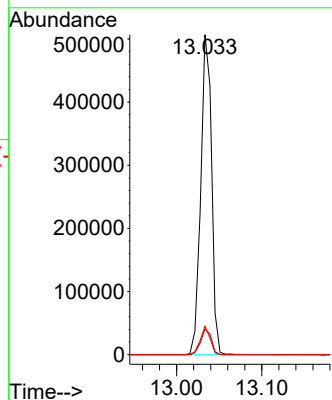
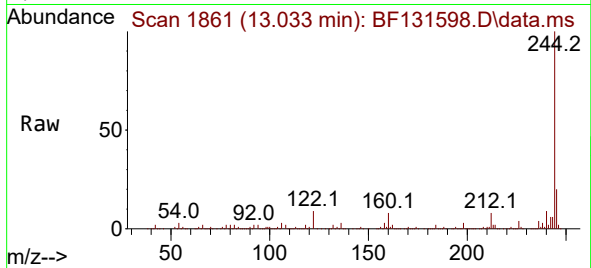




#79  
 Terphenyl-d14  
 Concen: 53.167 ng  
 RT: 13.033 min Scan# 1861  
 Delta R.T. -0.012 min  
 Lab File: BF131598.D  
 Acq: 12 Dec 2022 18:07

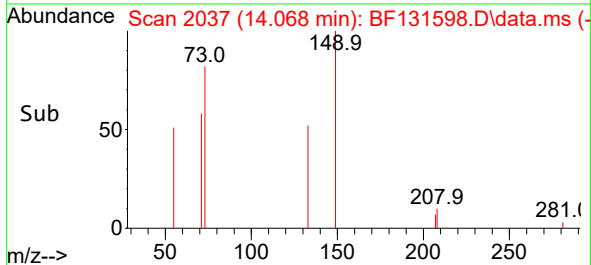
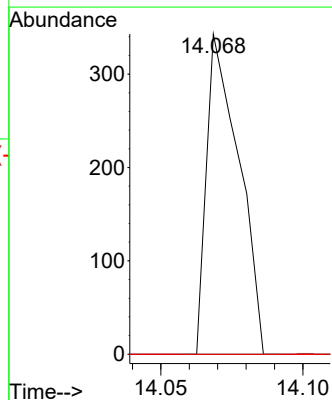
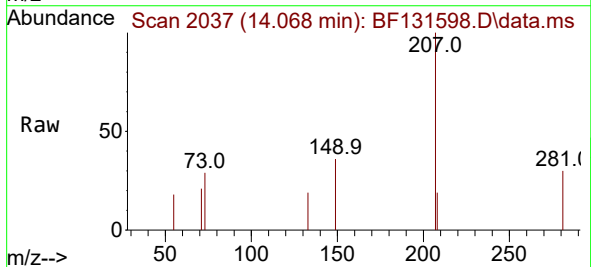
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10

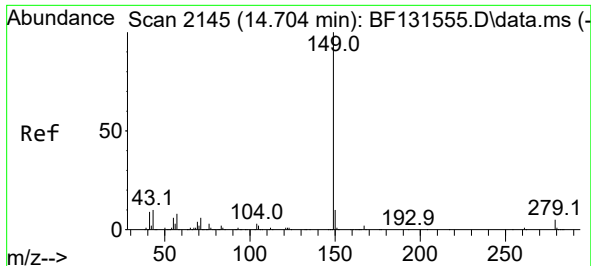
Tgt Ion:244 Resp: 447518  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.5 9.7  
 122 8.9 7.1 10.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.089 ng  
 RT: 14.068 min Scan# 2037  
 Delta R.T. -0.012 min  
 Lab File: BF131598.D  
 Acq: 12 Dec 2022 18:07

Tgt Ion:149 Resp: 271  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 20.8 31.2#  
 279 0.0 3.3 4.9#

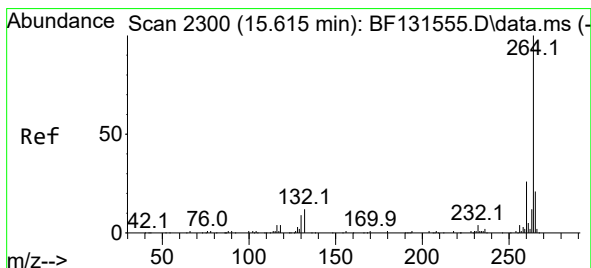
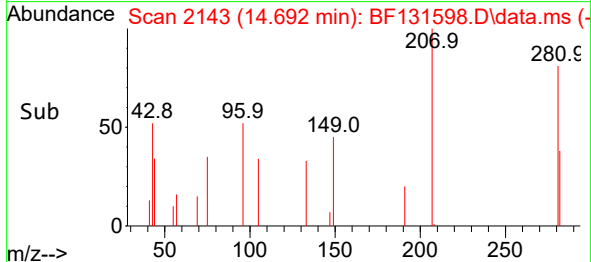
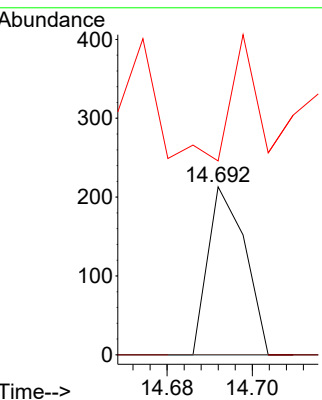
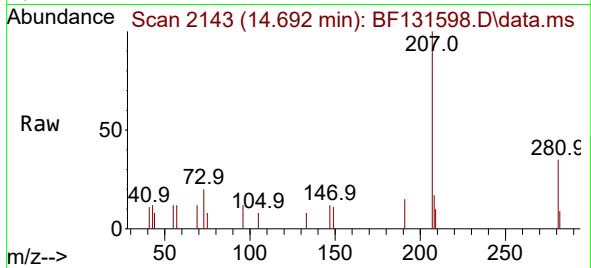




#85  
Di-n-octyl phthalate  
Concen: 5.235 ng  
RT: 14.692 min Scan# 2143  
Delta R.T. -0.006 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

Tgt Ion:149 Resp: 129  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.2 1.8#  
43 62.0 8.6 13.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.604 min Scan# 2298  
Delta R.T. -0.012 min  
Lab File: BF131598.D  
Acq: 12 Dec 2022 18:07

Tgt Ion:264 Resp: 113948  
Ion Ratio Lower Upper  
264 100  
260 23.1 20.6 30.8  
265 21.2 16.8 25.2

