

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061421\  
 Data File : BF124314.D  
 Acq On : 14 Jun 2021 19:27  
 Operator : JU/CG  
 Sample : M2687-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-B6(112-116)

Quant Time: Jun 15 02:27:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 14 12:10:02 2021  
 Response via : Initial Calibration

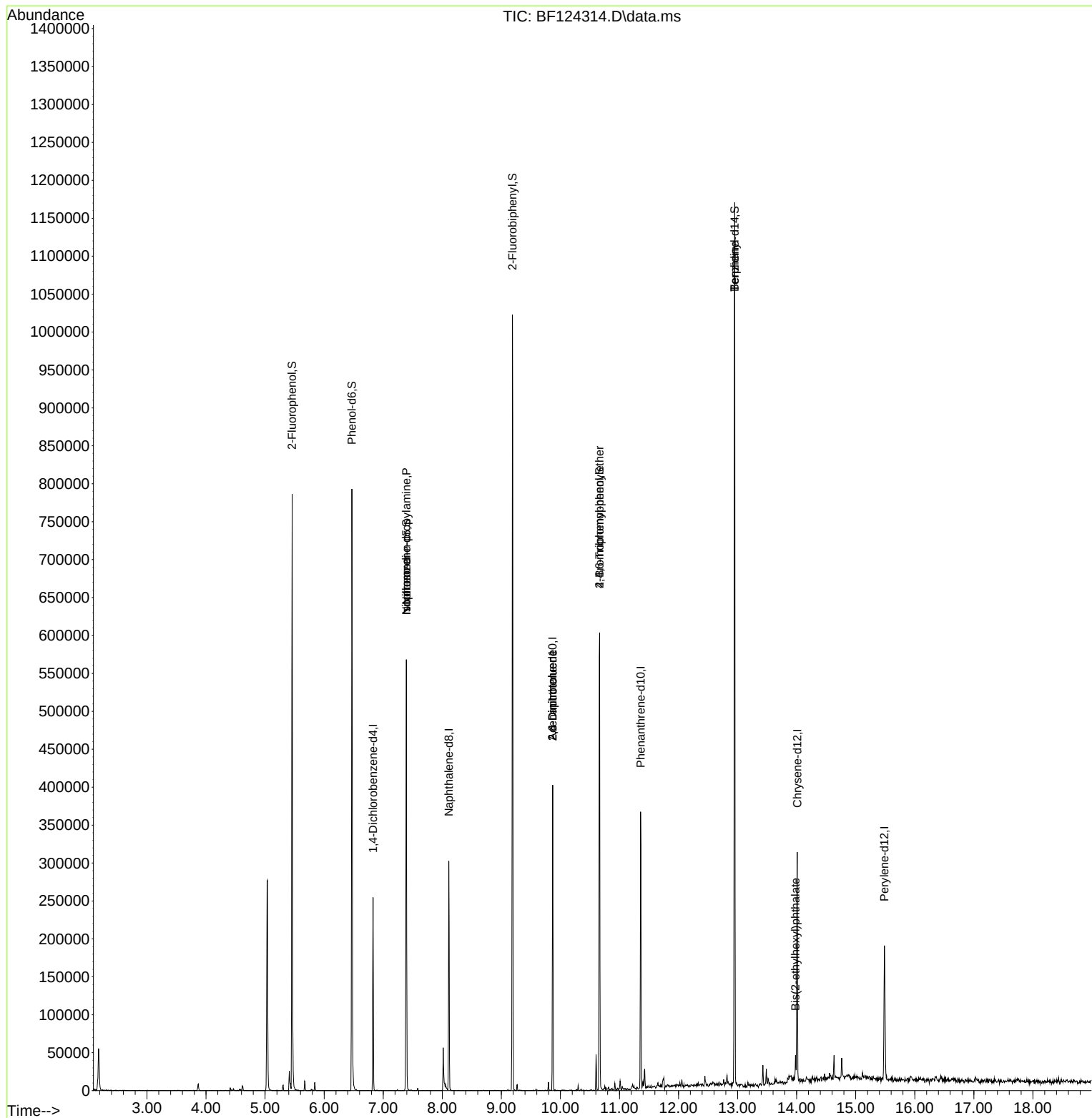
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 31071    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 112797   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.869  | 164  | 66846    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 127016   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12              | 14.010 | 240  | 93251    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.486 | 264  | 71433    | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 161053   | 78.03 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.469  | 99   | 208757   | 75.24 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 156594   | 55.06 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 62201    | 65.68 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 283826   | 53.43 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.951 | 244  | 345796   | 50.91 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.392  | 70   | 22231    | 11.35 | ng    | # 65     |
| 25) Isophorone                | 7.392  | 82   | 156591   | 30.55 | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.869  | 165  | 8483     | 6.69  | ng    | # 10     |
| 57) 2,4-Dinitrotoluene        | 9.869  | 165  | 8483     | 5.07  | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.663 | 248  | 4225     | 2.42  | ng    | # 1      |
| 77) Benzidine                 | 12.951 | 184  | 6077     | 6.62  | ng    | # 81     |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 9287     | 2.15  | ng    | # 84     |
| -----                         |        |      |          |       |       |          |

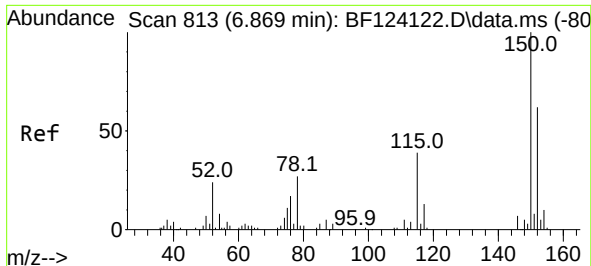
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061421\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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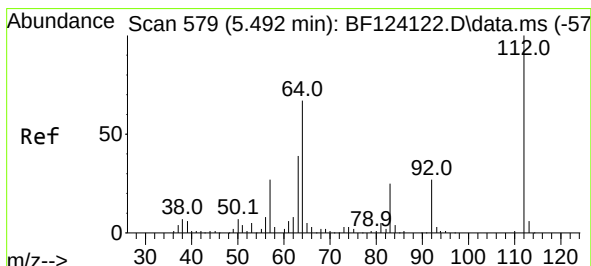
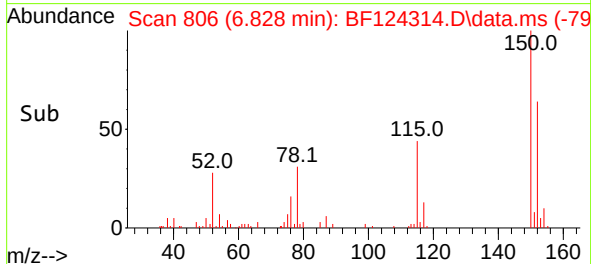
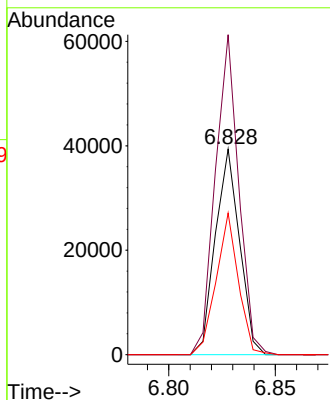
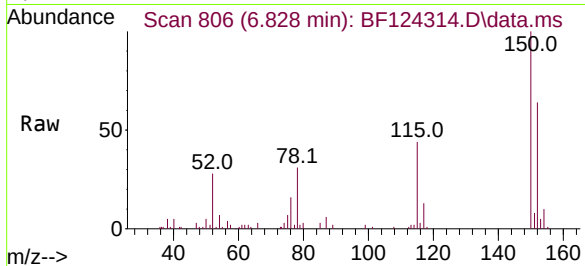




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

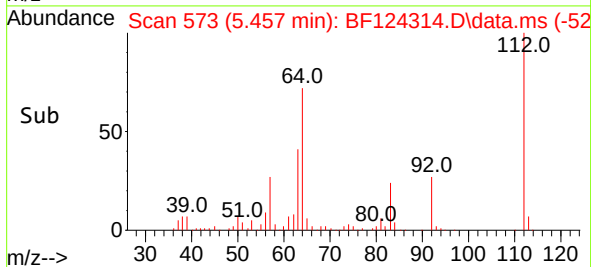
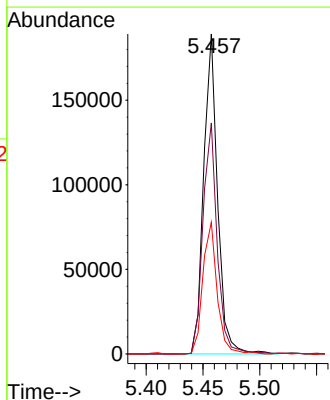
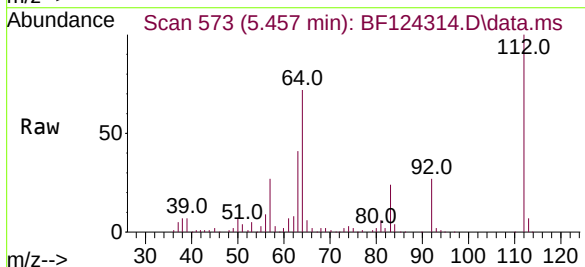
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

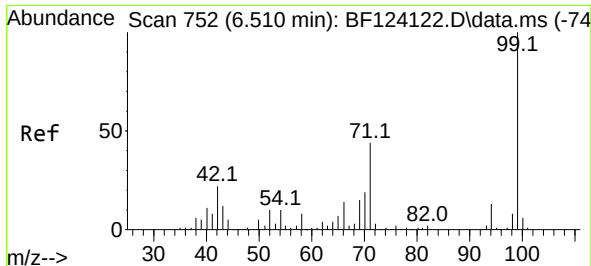
Tgt Ion:152 Resp: 31071  
Ion Ratio Lower Upper  
152 100  
150 155.6 127.0 190.6  
115 68.8 54.3 81.5



#5  
2-Fluorophenol  
Concen: 78.03 ng  
RT: 5.457 min Scan# 573  
Delta R.T. 0.000 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Tgt Ion:112 Resp: 161053  
Ion Ratio Lower Upper  
112 100  
64 72.2 61.4 92.0  
63 41.2 33.0 49.4

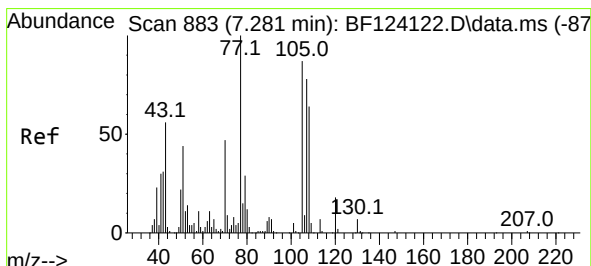
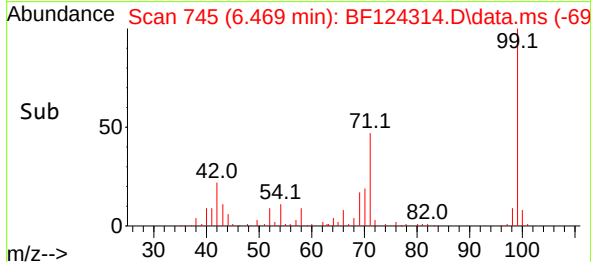
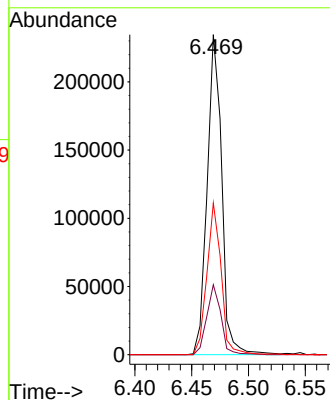
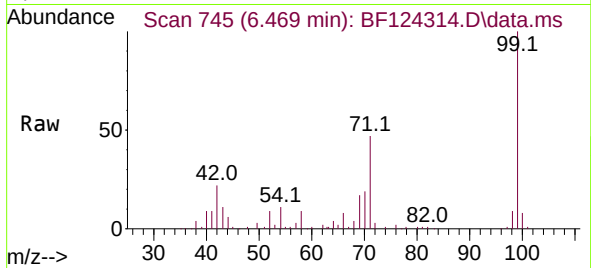




#7  
Phenol-d6  
Concen: 75.24 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.012 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

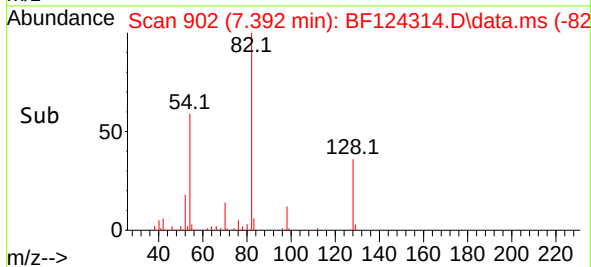
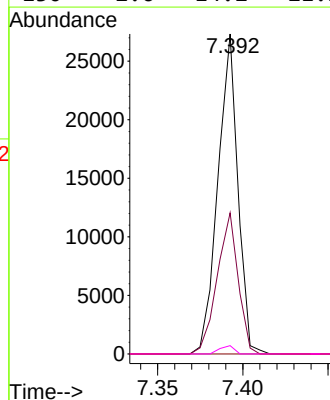
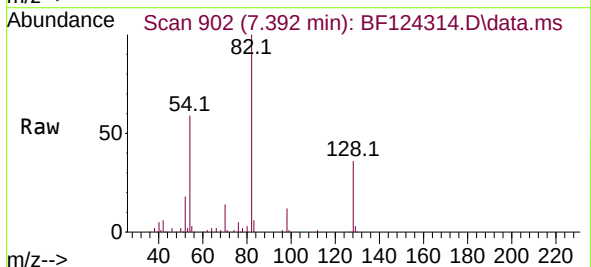
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

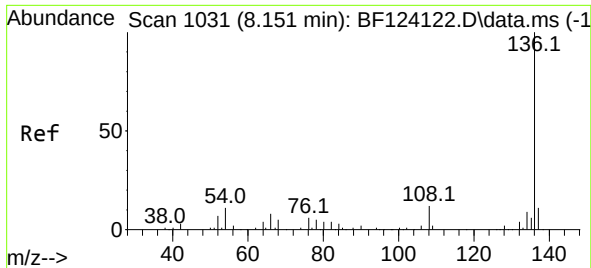
Tgt Ion: 99 Resp: 208757  
Ion Ratio Lower Upper  
99 100  
42 21.8 19.8 29.8  
71 47.4 31.1 46.7#



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.35 ng  
RT: 7.392 min Scan# 902  
Delta R.T. 0.141 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Tgt Ion: 70 Resp: 22231  
Ion Ratio Lower Upper  
70 100  
42 44.1 60.1 90.1#  
101 0.0 7.4 11.2#  
130 2.6 14.2 21.2#

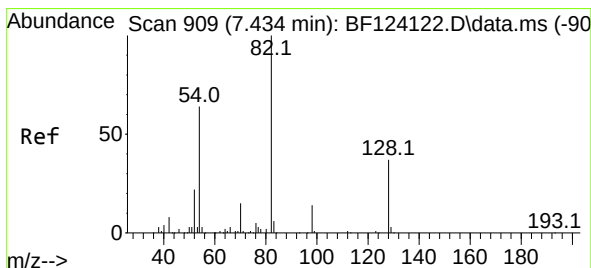
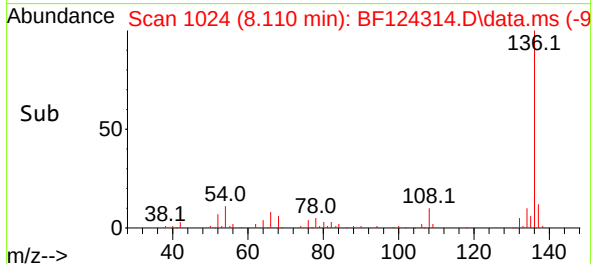
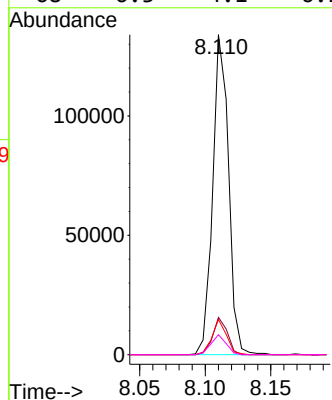
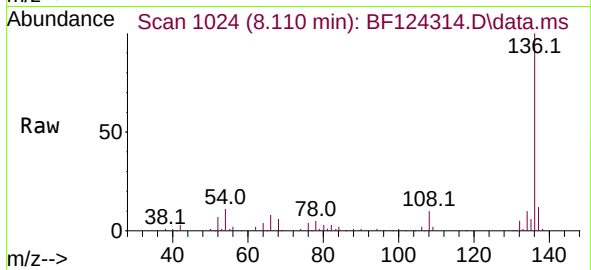




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

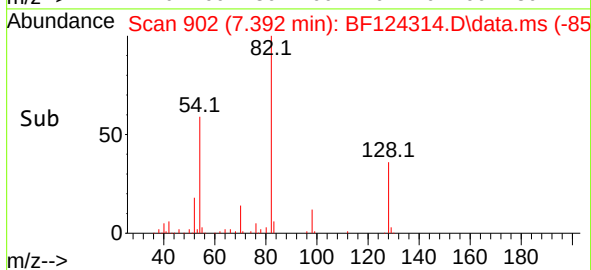
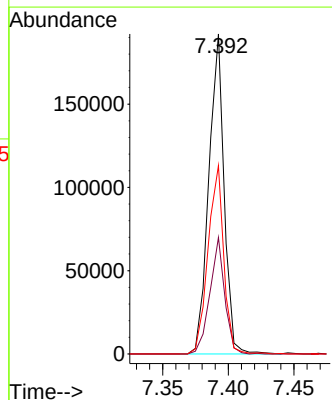
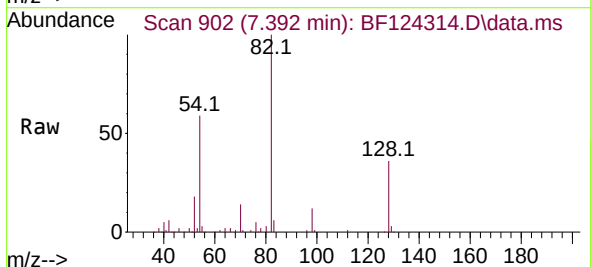
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

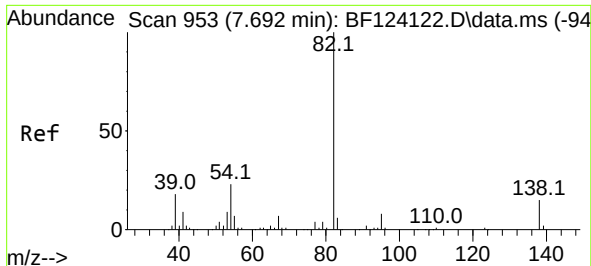
|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 112797  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 11.7 8.7 13.1 |
| 54          | 11.0 9.8 14.6 |
| 68          | 6.3 4.1 6.1#  |



#23  
Nitrobenzene-d5  
Concen: 55.06 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

|             |                |
|-------------|----------------|
| Tgt Ion: 82 | Resp: 156594   |
| Ion Ratio   | Lower Upper    |
| 82          | 100            |
| 128         | 36.4 29.4 44.2 |
| 54          | 58.8 54.1 81.1 |

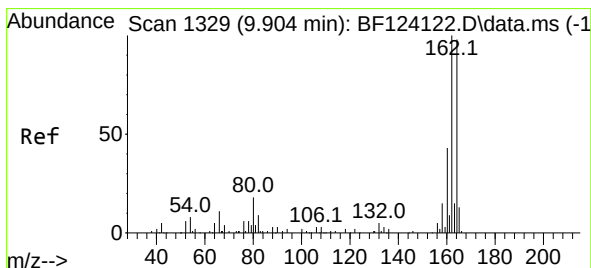
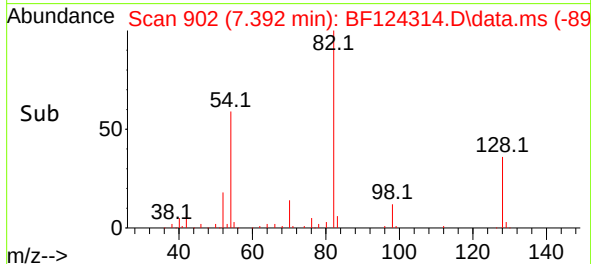
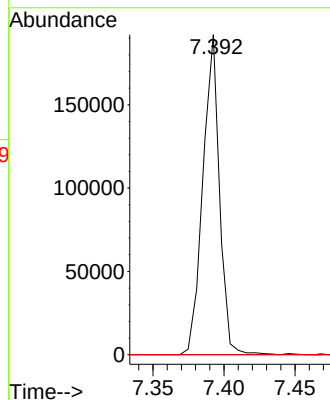
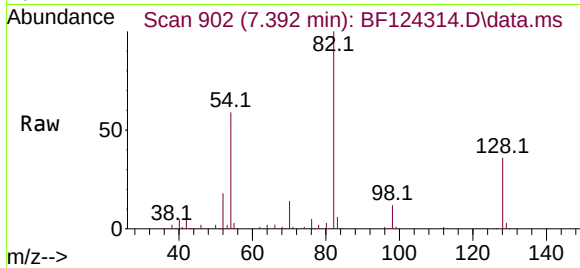




#25  
Isophorone  
Concen: 30.55 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.271 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

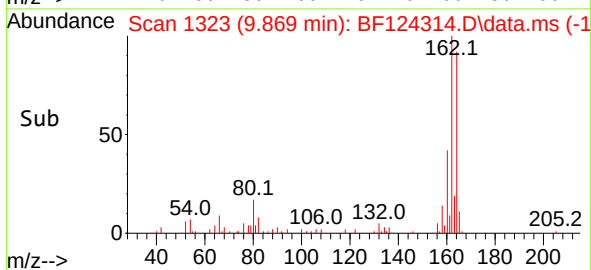
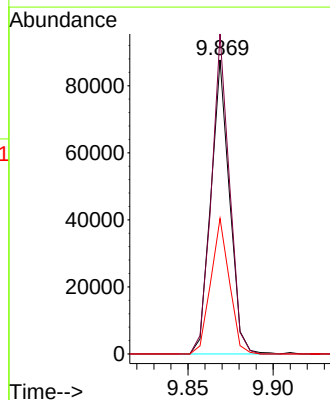
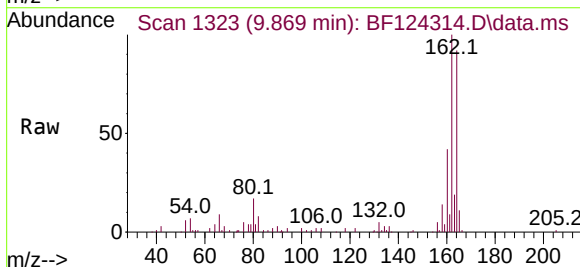
Instrument :  
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17-B6(112-116)

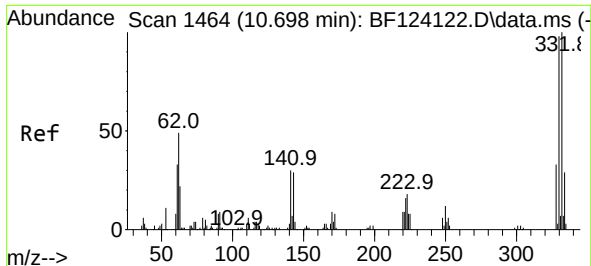
Tgt Ion: 82 Resp: 156591  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Tgt Ion:164 Resp: 66846  
Ion Ratio Lower Upper  
164 100  
162 108.8 80.7 121.1  
160 46.1 37.3 55.9

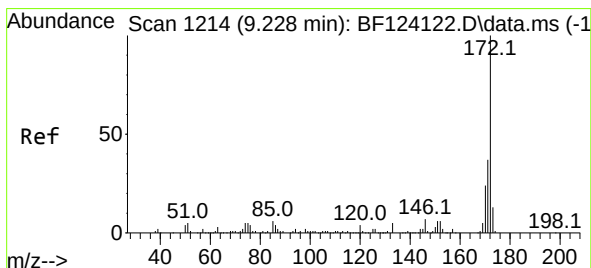
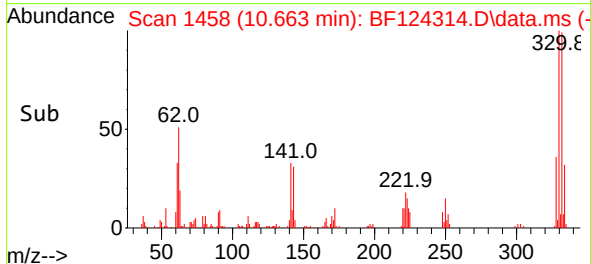
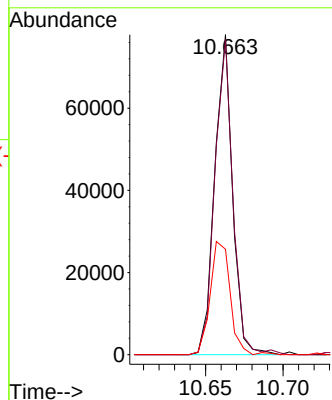
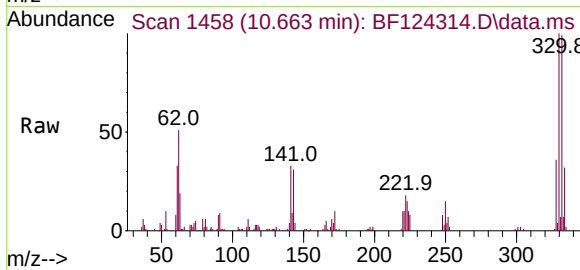




#42  
2,4,6-Tribromophenol  
Concen: 65.68 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

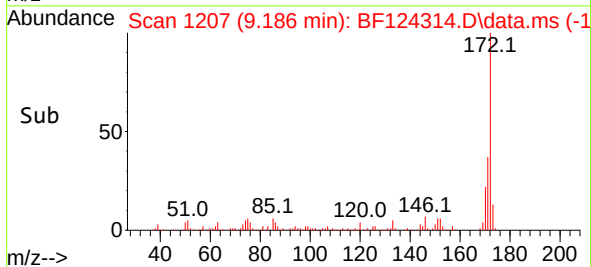
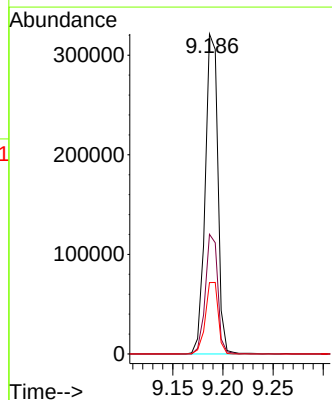
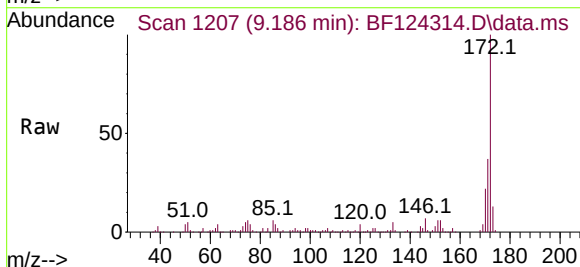
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

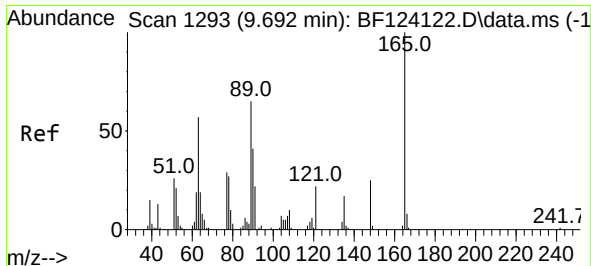
Tgt Ion: 330 Resp: 62201  
Ion Ratio Lower Upper  
330 100  
332 99.6 77.1 115.7  
141 39.8 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 53.43 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.012 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Tgt Ion: 172 Resp: 283826  
Ion Ratio Lower Upper  
172 100  
171 37.4 28.1 42.1  
170 22.3 19.2 28.8

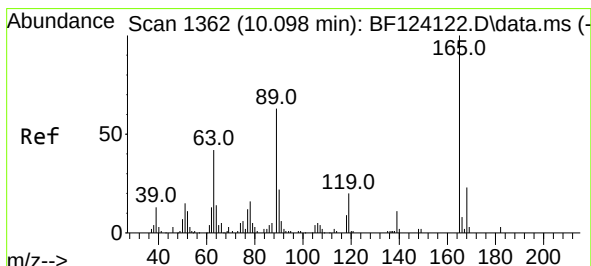
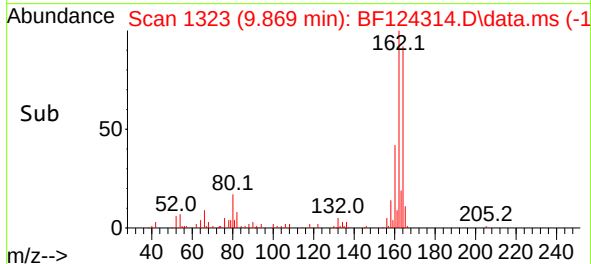
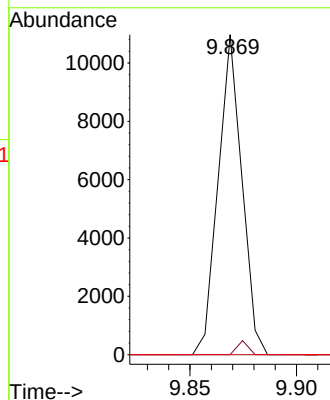
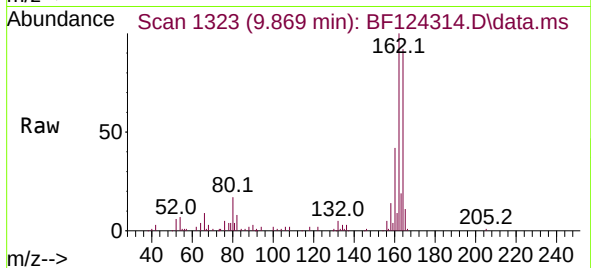




#51  
2,6-Dinitrotoluene  
Concen: 6.69 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.200 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

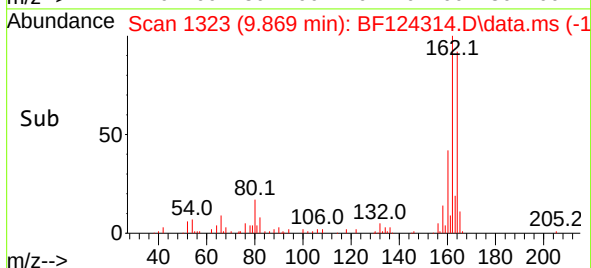
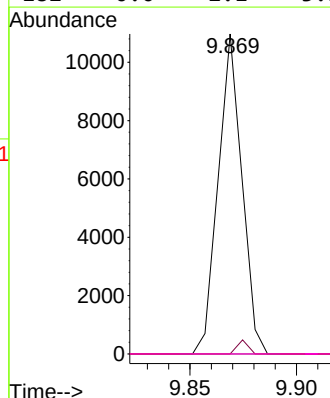
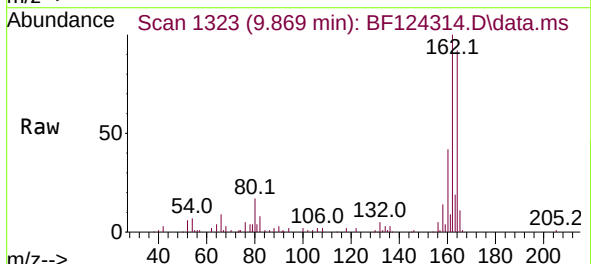
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

Tgt Ion:165 Resp: 8483  
Ion Ratio Lower Upper  
165 100  
63 0.0 67.7 101.5#  
89 0.0 58.8 88.2#

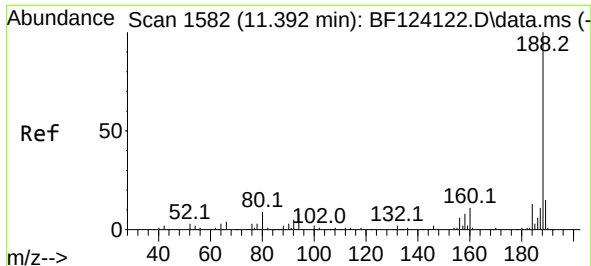


#57  
2,4-Dinitrotoluene  
Concen: 5.07 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.206 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Tgt Ion:165 Resp: 8483  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.5 65.3#  
89 0.0 67.7 101.5#  
182 0.0 2.1 3.1#



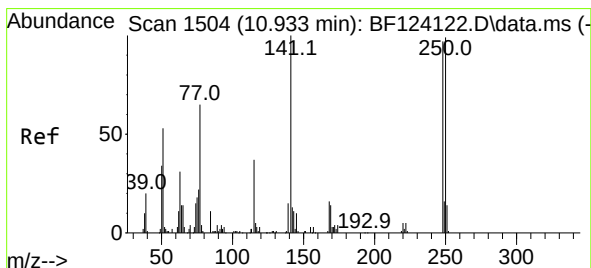
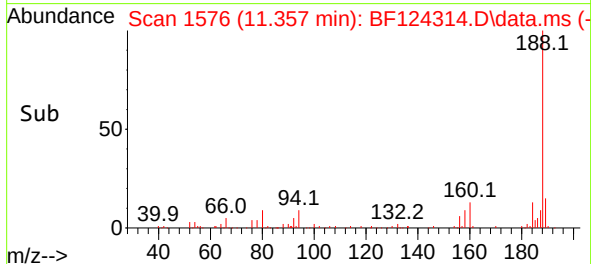
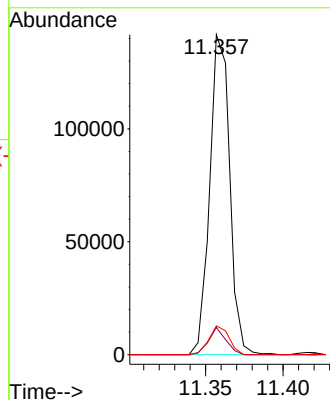
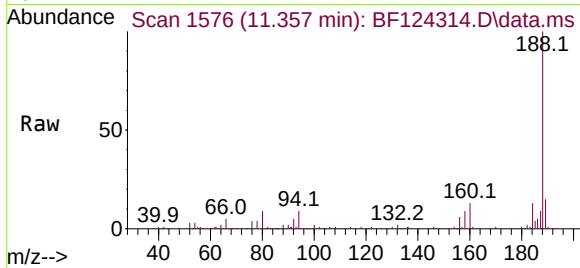




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.012 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

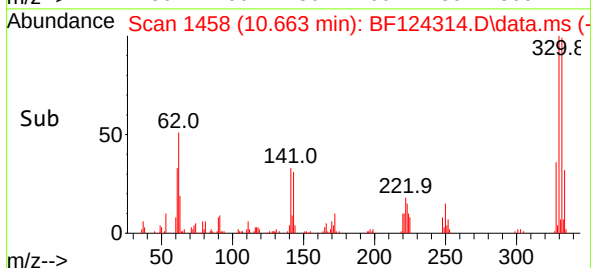
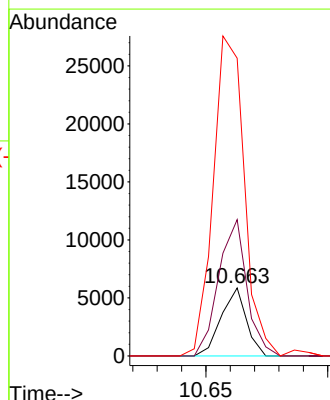
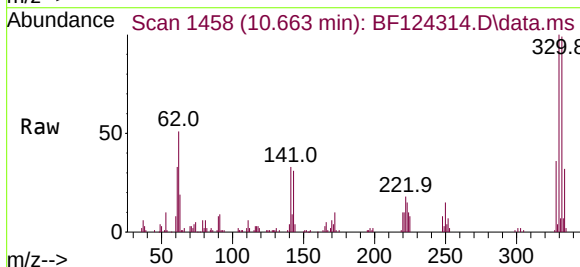
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

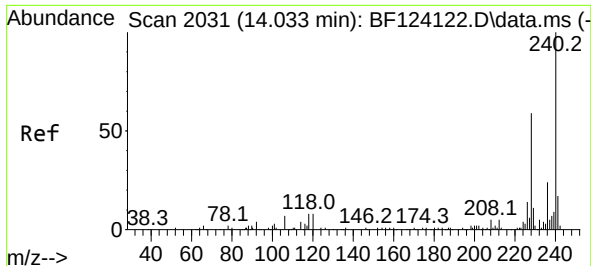
Tgt Ion:188 Resp: 127016  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.9 10.3  
80 9.0 8.2 12.2



#67  
4-Bromophenyl-phenylether  
Concen: 2.42 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.241 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Tgt Ion:248 Resp: 4225  
Ion Ratio Lower Upper  
248 100  
250 200.4 77.4 116.2#  
141 437.5 63.7 95.5#

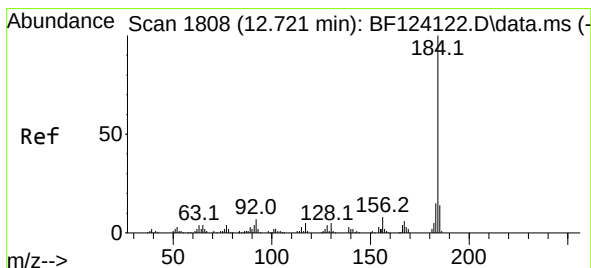
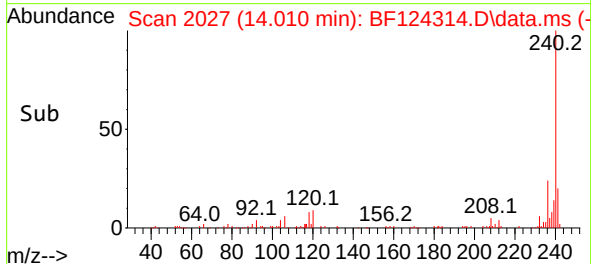
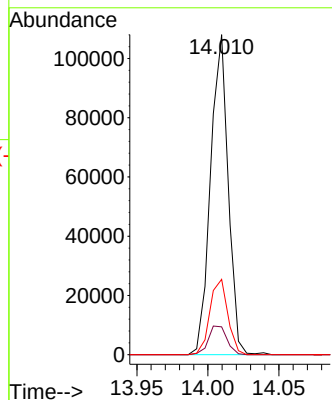
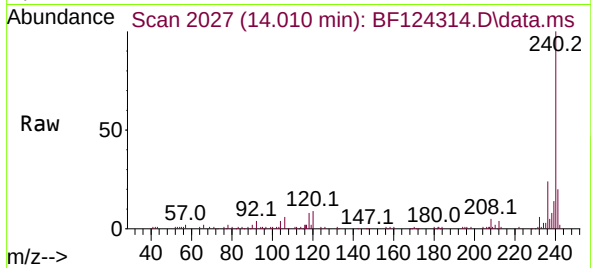




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

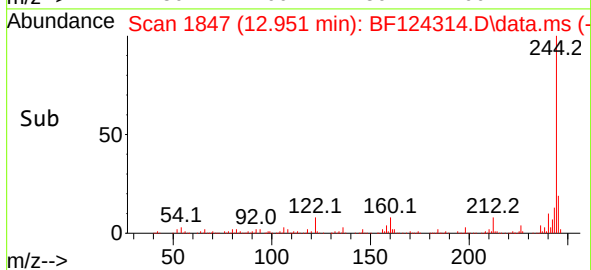
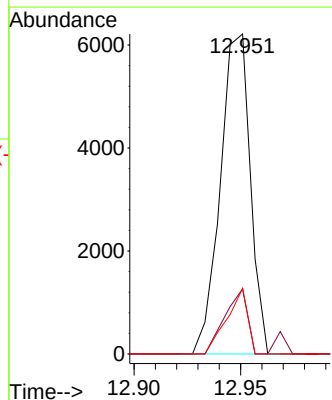
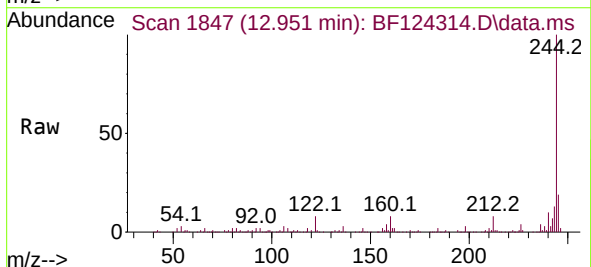
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

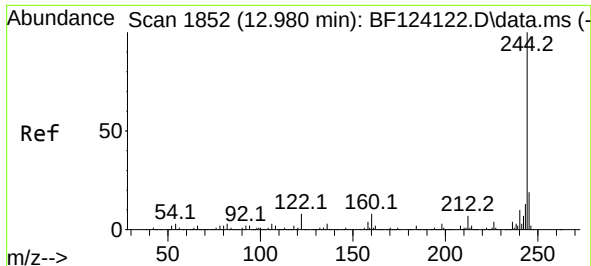
Tgt Ion:240 Resp: 93251  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.2 10.8  
236 23.6 19.0 28.4



#77  
Benzidine  
Concen: 6.62 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. 0.247 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Tgt Ion:184 Resp: 6077  
Ion Ratio Lower Upper  
184 100  
185 20.3 12.1 18.1#  
183 20.5 7.8 11.8#

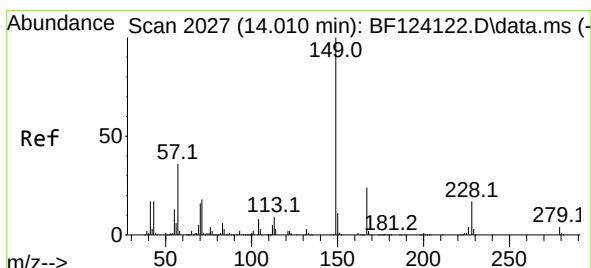
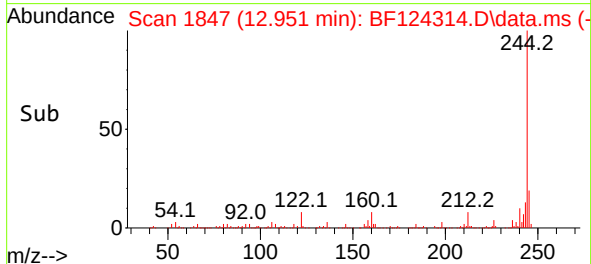
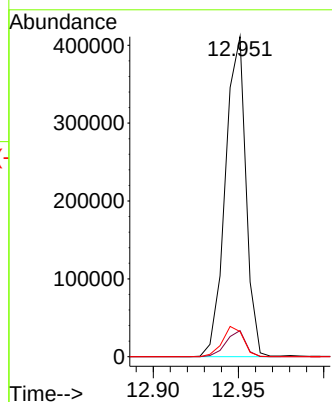
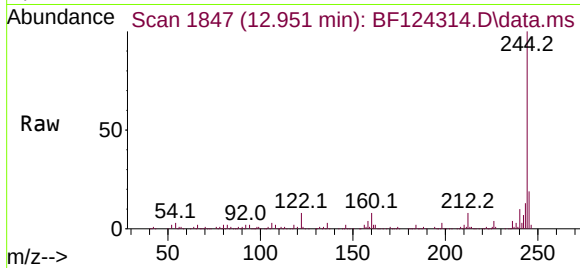




#79  
 Terphenyl-d14  
 Concen: 50.91 ng  
 RT: 12.951 min Scan# 1847  
 Delta R.T. -0.006 min  
 Lab File: BF124314.D  
 Acq: 14 Jun 2021 19:27

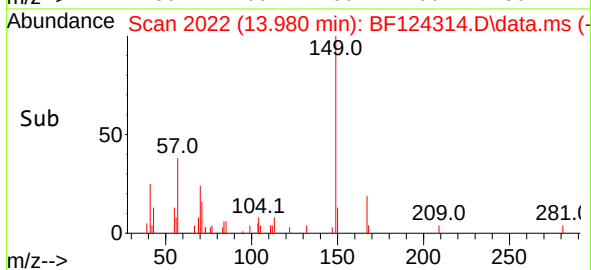
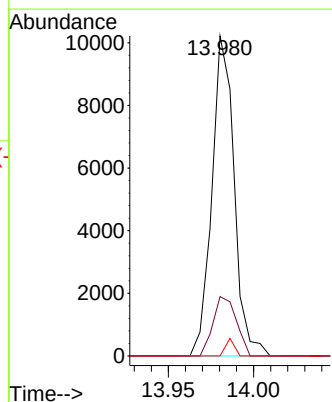
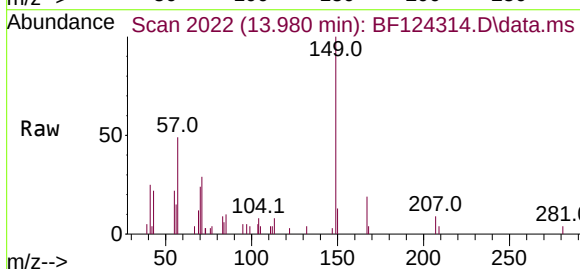
Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-B6(112-116)

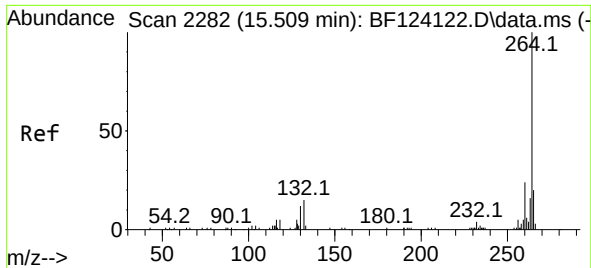
Tgt Ion:244 Resp: 345796  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 5.7 8.5  
 122 7.8 9.7 14.5#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.15 ng  
 RT: 13.980 min Scan# 2022  
 Delta R.T. -0.006 min  
 Lab File: BF124314.D  
 Acq: 14 Jun 2021 19:27

Tgt Ion:149 Resp: 9287  
 Ion Ratio Lower Upper  
 149 100  
 167 18.6 21.8 32.6#  
 279 0.0 3.3 4.9#





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.486 min Scan# 2278  
Delta R.T. -0.006 min  
Lab File: BF124314.D  
Acq: 14 Jun 2021 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(112-116)

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 71433     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 23.6  | 18.7 28.1 |
| 265         | 22.0  | 17.8 26.8 |

