

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080621\  
 Data File : BF124956.D  
 Acq On : 6 Aug 2021 10:19  
 Operator : JU/CG  
 Sample : PB138117BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138117BL

Quant Time: Aug 06 11:21:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 04 17:59:00 2021  
 Response via : Initial Calibration

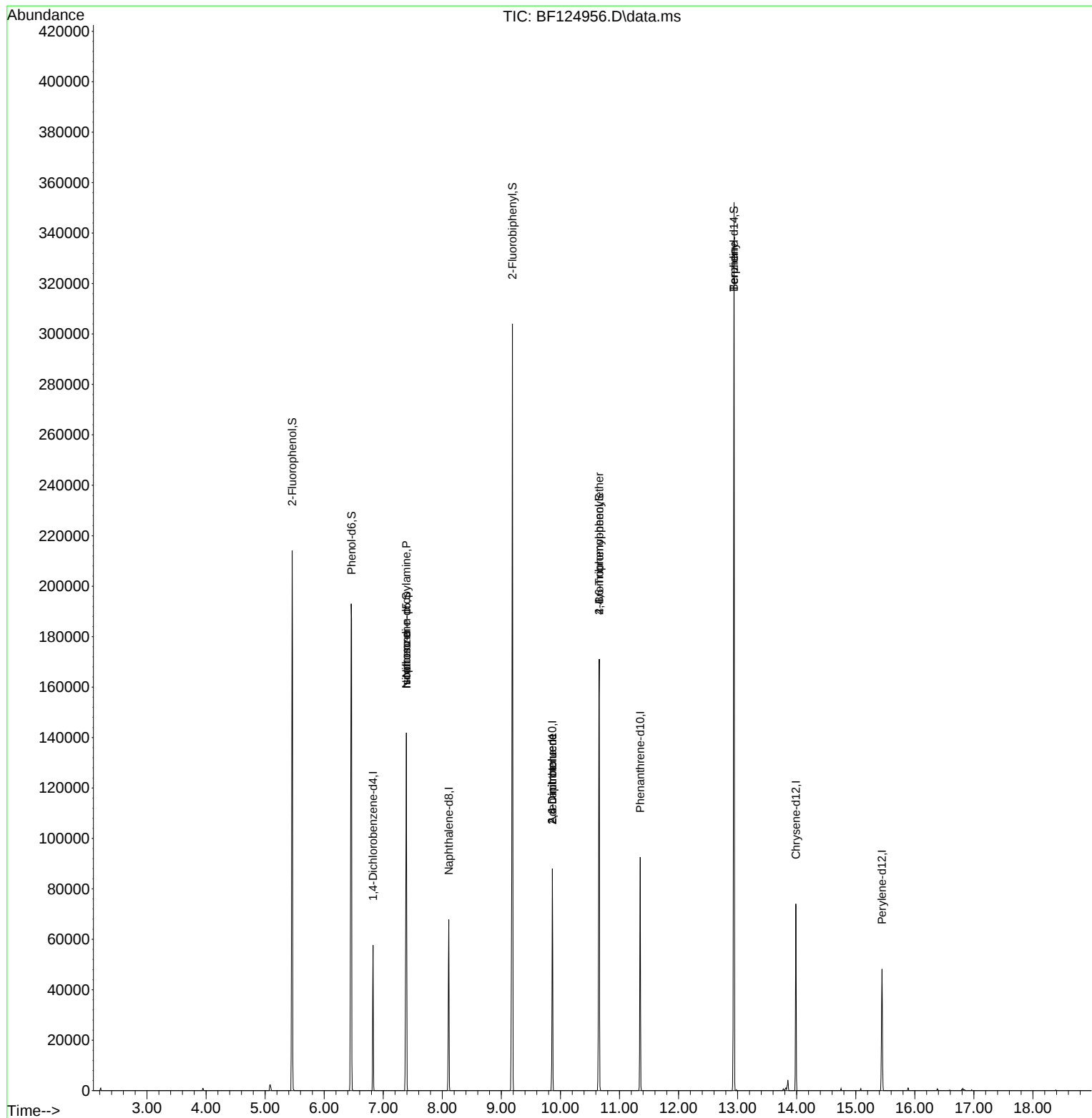
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 8472     | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.110  | 136  | 31780    | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.863  | 164  | 17853    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.351 | 188  | 33214    | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.986 | 240  | 24683    | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 15.445 | 264  | 22914    | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 61521    | 118.955 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 76827    | 117.809 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 49551    | 81.565  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 19198    | 120.365 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 98634    | 80.841  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.939 | 244  | 117409   | 80.237  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.392  | 70   | 6333     | 16.367  | ng    | # 65     |
| 25) Isophorone                | 7.392  | 82   | 49550    | 47.789  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.863  | 165  | 2262     | 8.396   | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.863  | 165  | 2262     | 6.184   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.657 | 248  | 1448     | 3.980   | ng    | # 1      |
| 77) Benzidine                 | 12.939 | 184  | 1551     | 2.348   | ng    | # 83     |
| -----                         |        |      |          |         |       |          |

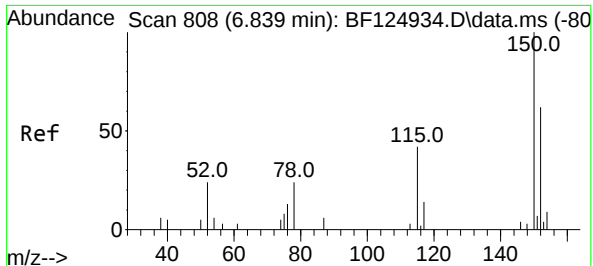
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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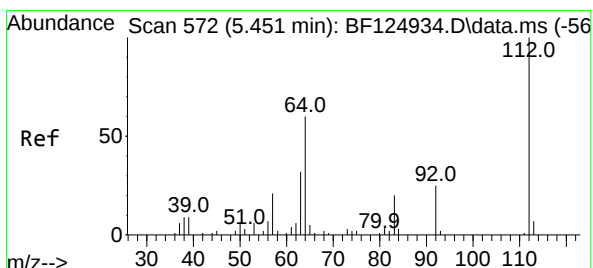
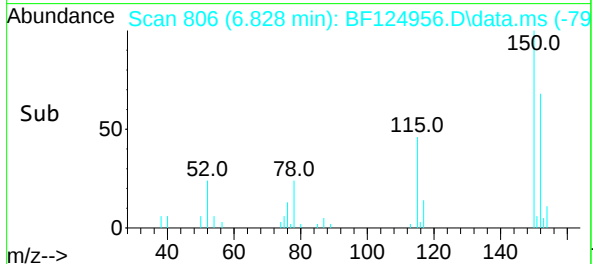
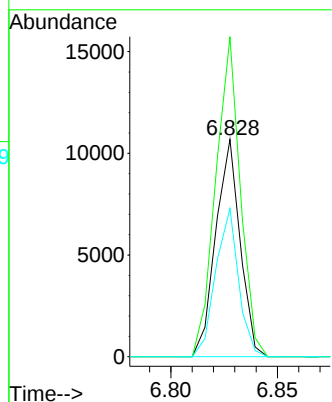
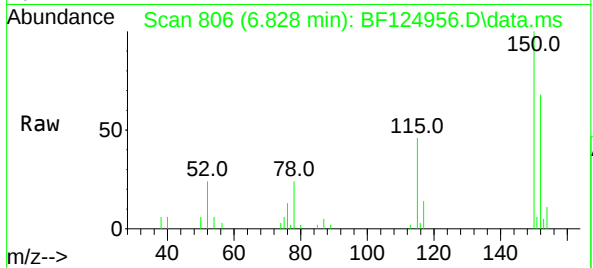




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.011 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

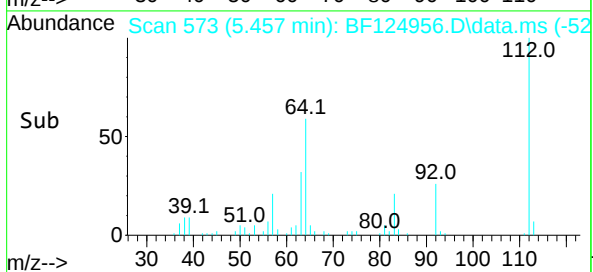
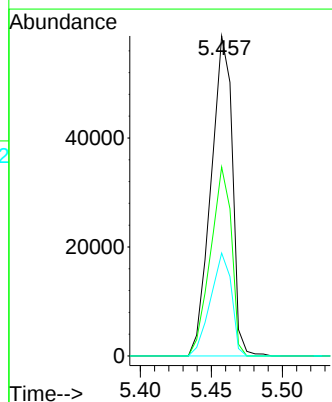
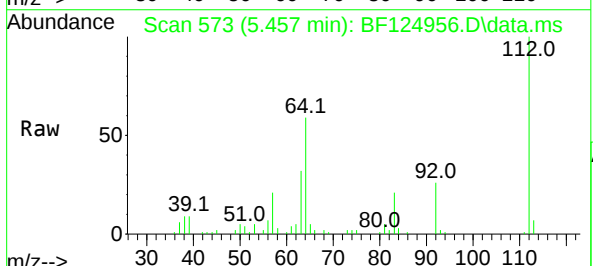
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BNA\_F  
ClientSampleId :  
PB138117BL

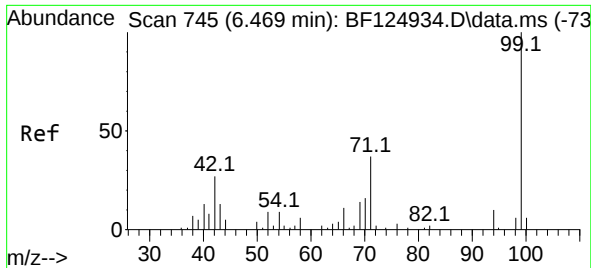
Tgt Ion:152 Resp: 8472  
Ion Ratio Lower Upper  
152 100  
150 147.3 117.6 176.4  
115 68.2 47.1 70.7



#5  
2-Fluorophenol  
Concen: 118.955 ng  
RT: 5.457 min Scan# 573  
Delta R.T. 0.006 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion:112 Resp: 61521  
Ion Ratio Lower Upper  
112 100  
64 59.1 44.2 66.2  
63 32.2 26.2 39.2

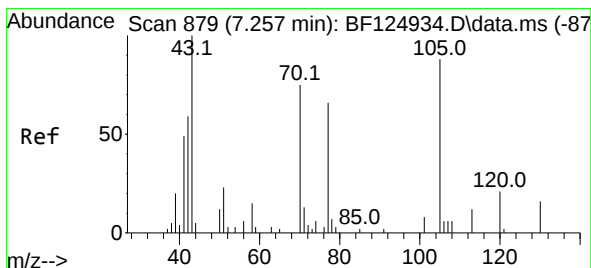
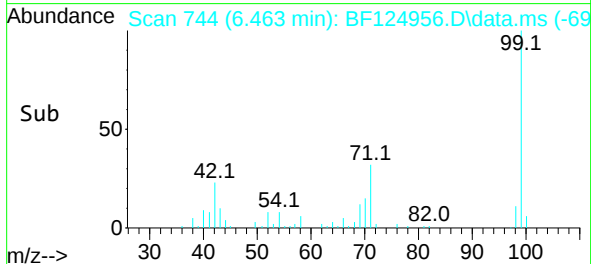
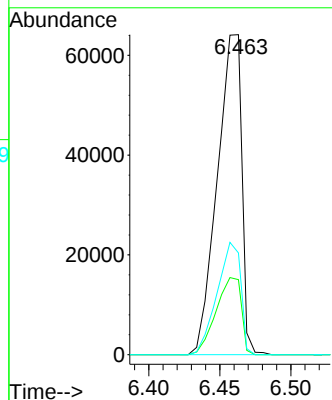
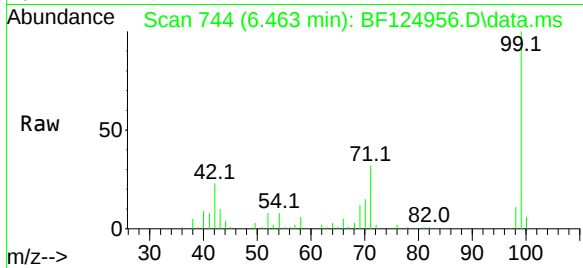




#7  
Phenol-d6  
Concen: 117.809 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

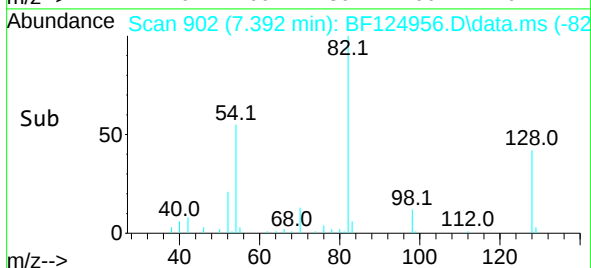
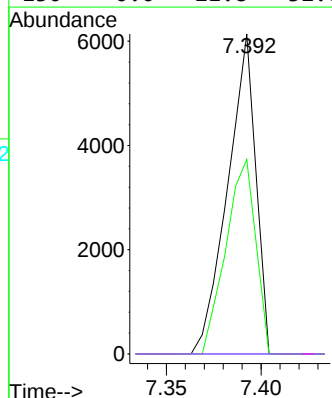
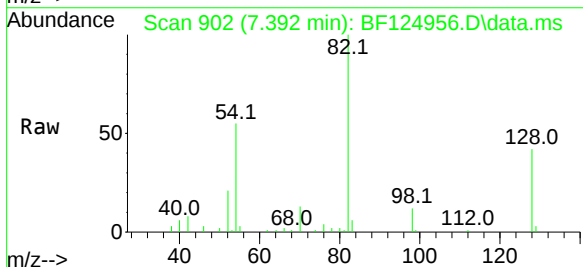
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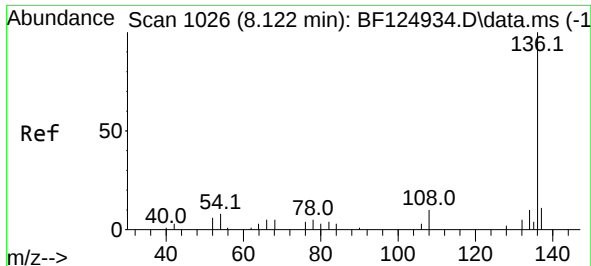
Tgt Ion: 99 Resp: 76827  
Ion Ratio Lower Upper  
99 100  
42 23.4 23.5 35.3#  
71 31.8 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.367 ng  
RT: 7.392 min Scan# 902  
Delta R.T. 0.135 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion: 70 Resp: 6333  
Ion Ratio Lower Upper  
70 100  
42 60.8 72.2 108.2#  
101 0.0 7.8 11.8#  
130 0.0 21.8 32.6#

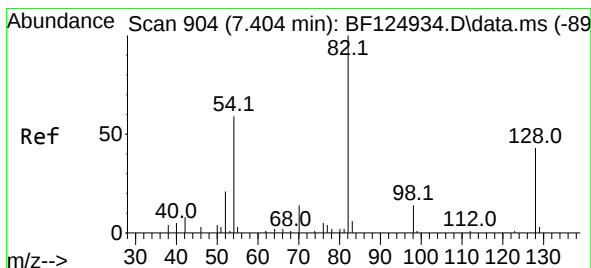
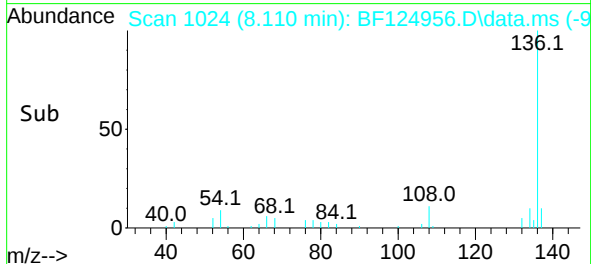
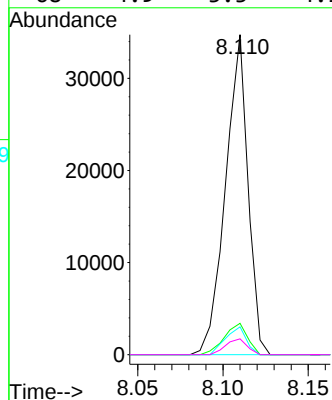
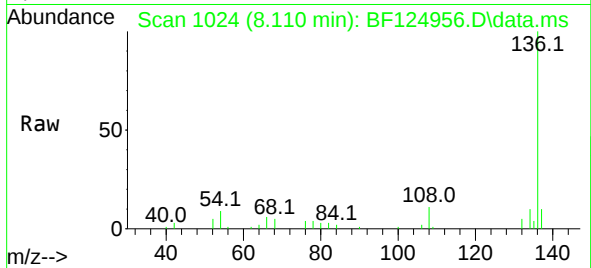




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

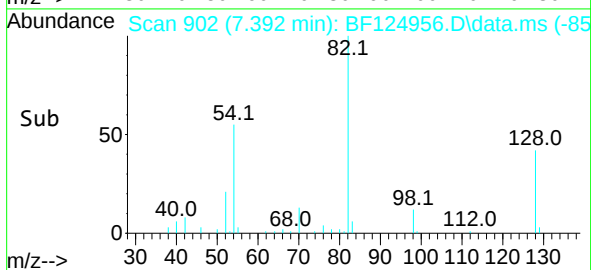
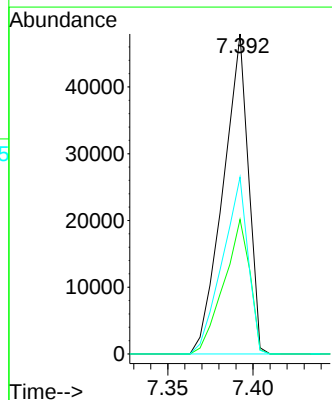
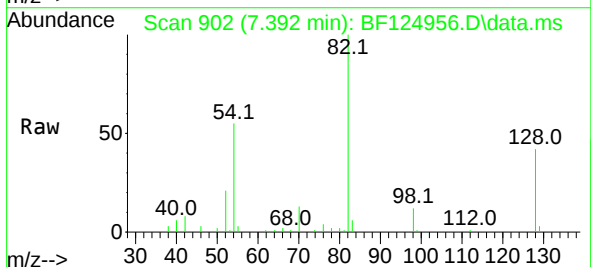
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ClientSampleId :  
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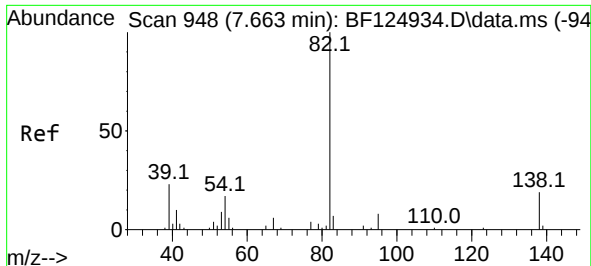
Tgt Ion:136 Resp: 31780  
Ion Ratio Lower Upper  
136 100  
137 9.8 9.8 14.6  
54 8.7 6.4 9.6  
68 4.9 3.3 4.9#



#23  
Nitrobenzene-d5  
Concen: 81.565 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion: 82 Resp: 49551  
Ion Ratio Lower Upper  
82 100  
128 42.0 40.6 60.8  
54 55.2 49.6 74.4

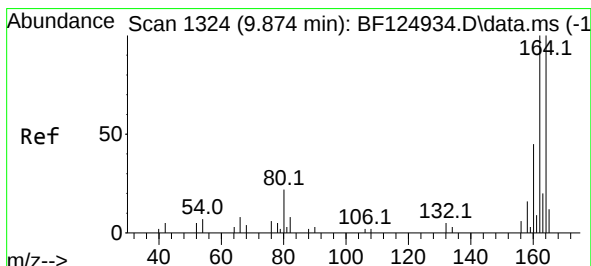
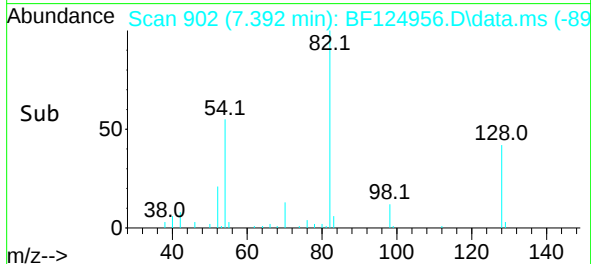
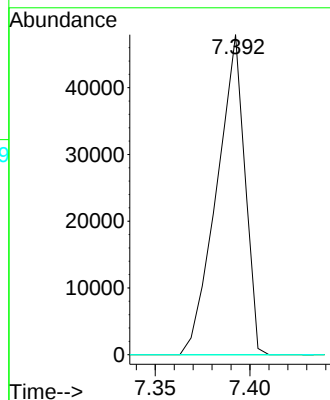
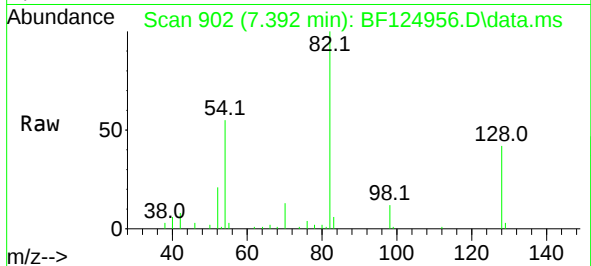




#25  
Isophorone  
Concen: 47.789 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.270 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

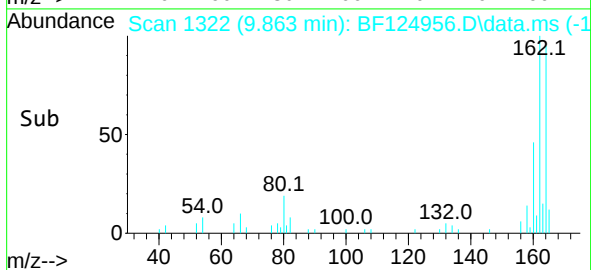
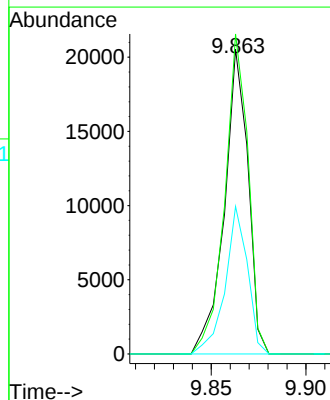
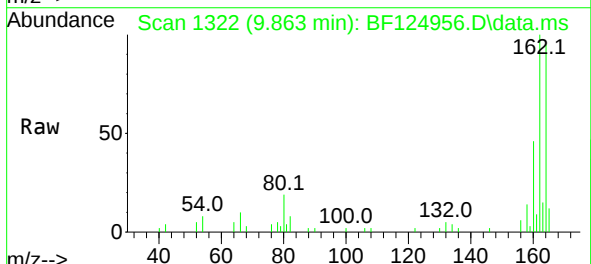
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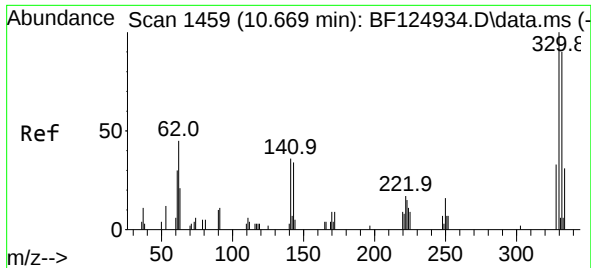
Tgt Ion: 82 Resp: 49550  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.011 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion:164 Resp: 17853  
Ion Ratio Lower Upper  
164 100  
162 105.0 81.3 121.9  
160 48.4 38.0 57.0

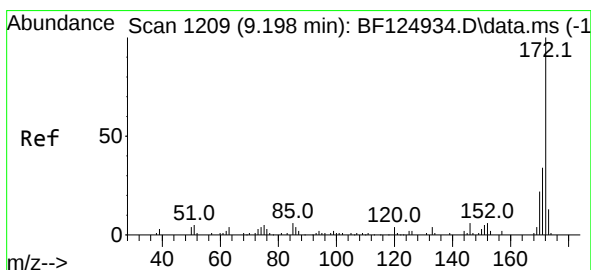
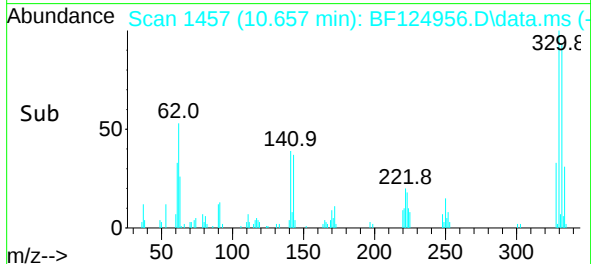
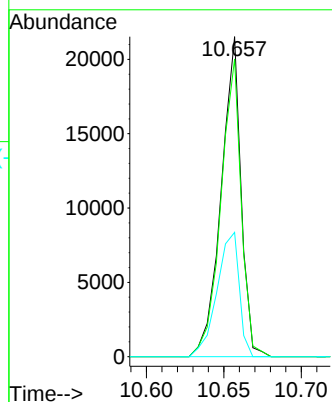
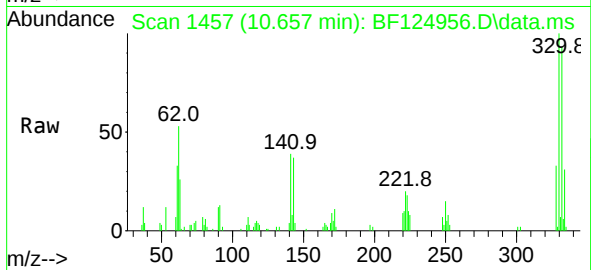




#42  
2,4,6-Tribromophenol  
Concen: 120.365 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.012 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

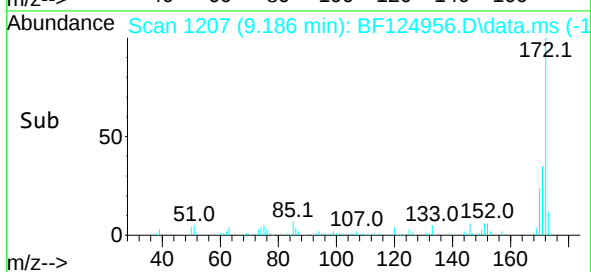
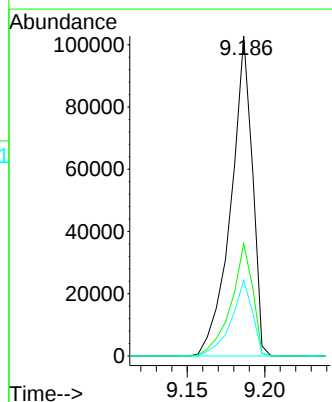
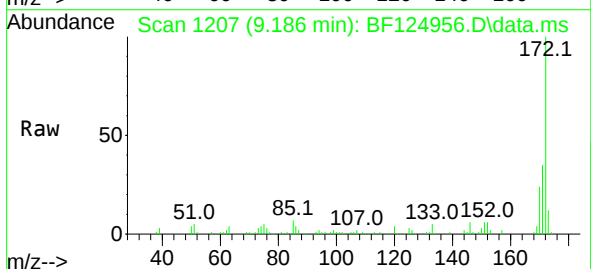
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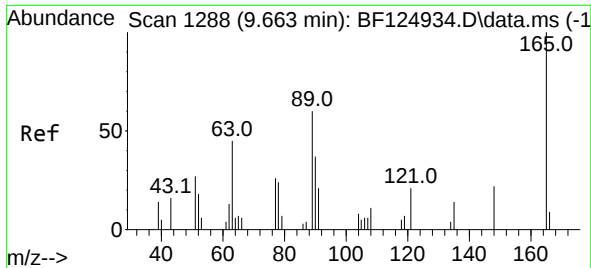
Tgt Ion:330 Resp: 19198  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.2 114.4  
141 43.4 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 80.841 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.012 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion:172 Resp: 98634  
Ion Ratio Lower Upper  
172 100  
171 35.2 26.5 39.7  
170 23.7 18.8 28.2

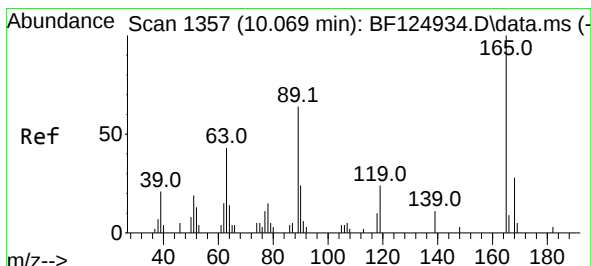
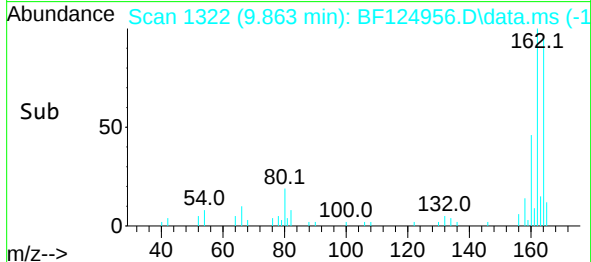
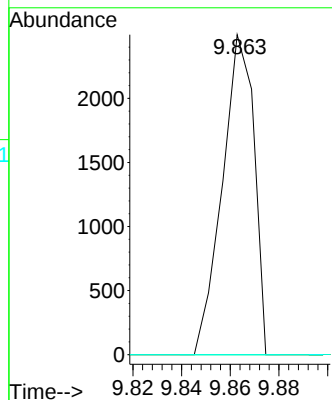
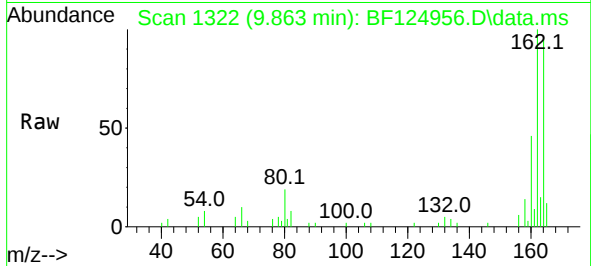




#51  
2,6-Dinitrotoluene  
Concen: 8.396 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. 0.200 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

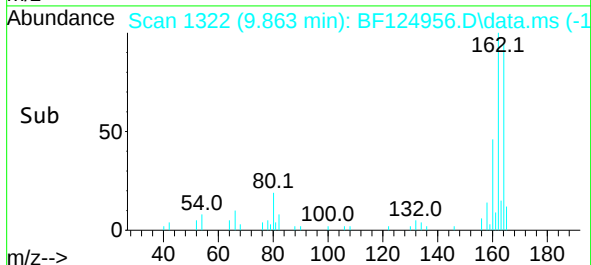
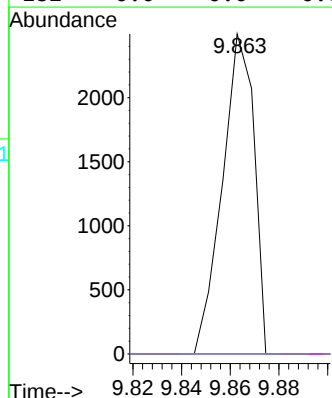
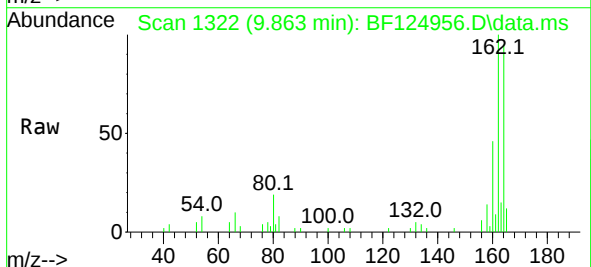
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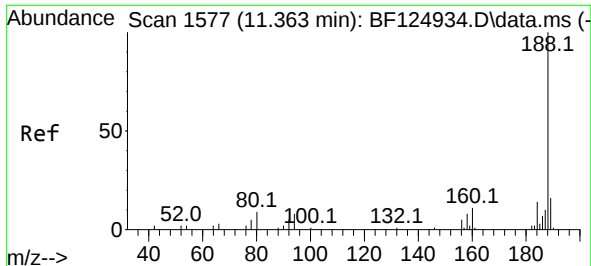
Tgt Ion:165 Resp: 2262  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.184 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.206 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion:165 Resp: 2262  
Ion Ratio Lower Upper  
165 100  
63 0.0 40.9 61.3#  
89 0.0 59.7 89.5#  
182 0.0 0.0 0.0

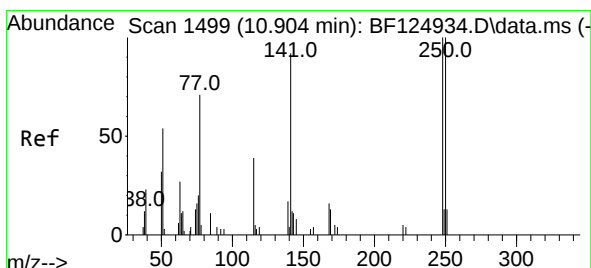
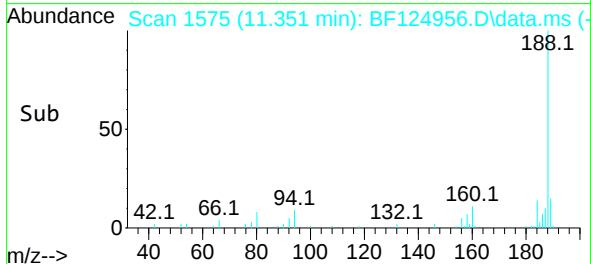
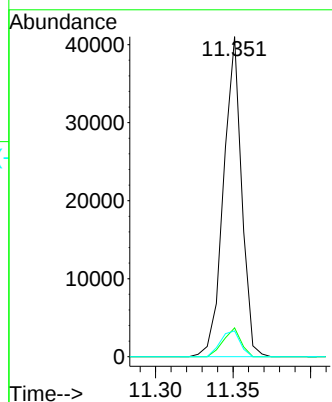
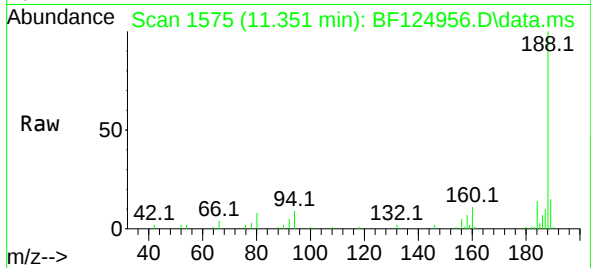




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. -0.012 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

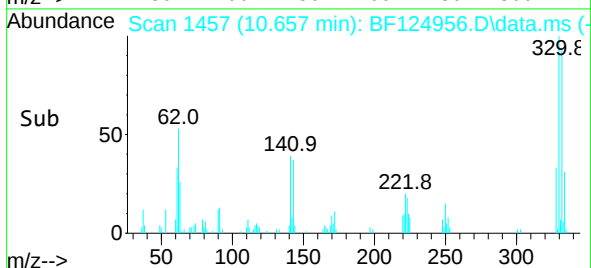
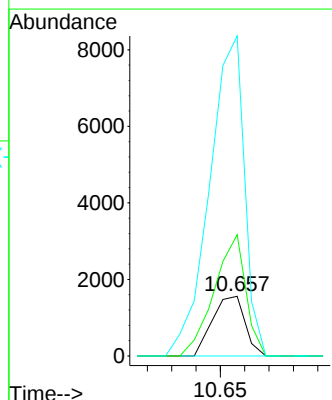
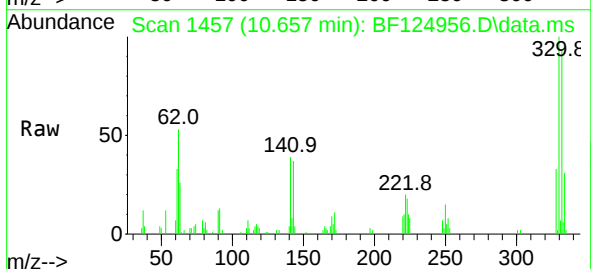
Instrument :  
BNA\_F  
ClientSampleId :  
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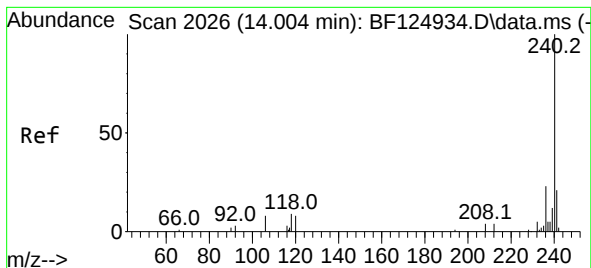
Tgt Ion:188 Resp: 33214  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.7 10.1  
80 8.1 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 3.980 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.247 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion:248 Resp: 1448  
Ion Ratio Lower Upper  
248 100  
250 203.1 74.2 111.4#  
141 535.7 60.4 90.6#

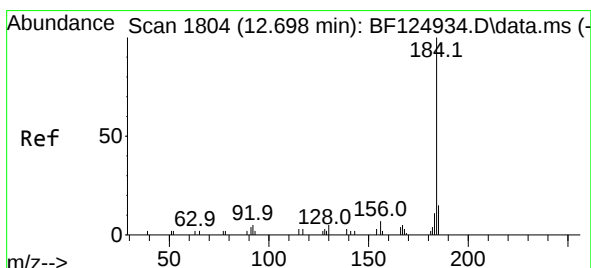
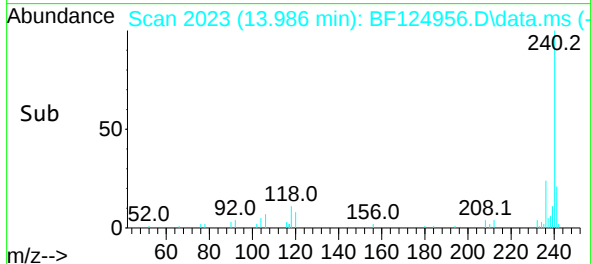
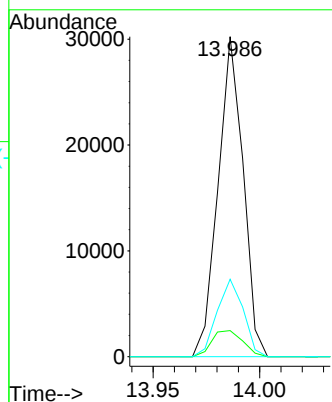
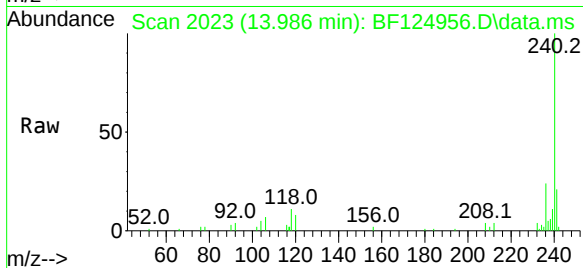




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.018 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

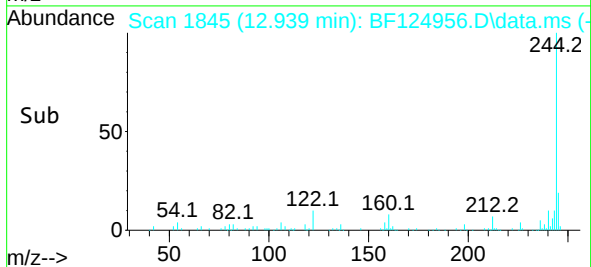
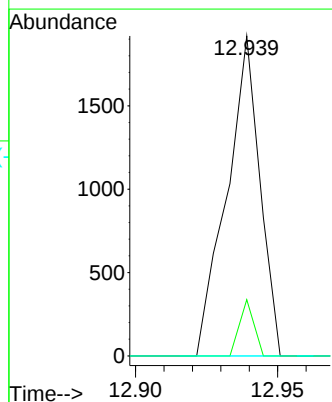
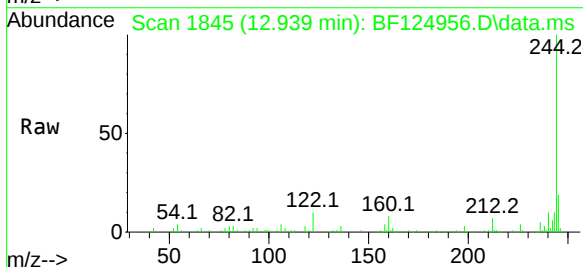
Instrument :  
BNA\_F  
ClientSampleId :  
PB138117BL

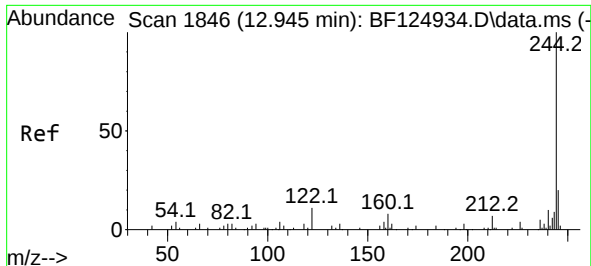
Tgt Ion:240 Resp: 24683  
Ion Ratio Lower Upper  
240 100  
120 8.2 10.8 16.2#  
236 24.2 21.6 32.4



#77  
Benzidine  
Concen: 2.348 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. 0.241 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion:184 Resp: 1551  
Ion Ratio Lower Upper  
184 100  
185 17.6 10.8 16.2#  
183 0.0 8.1 12.1#

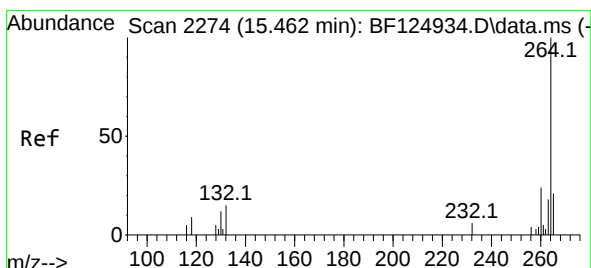
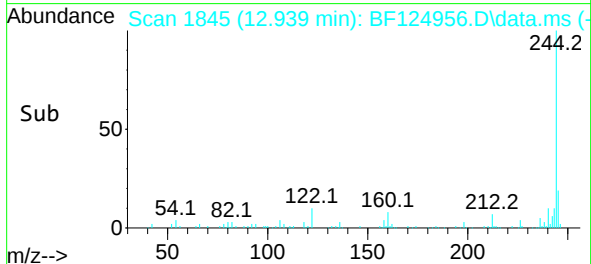
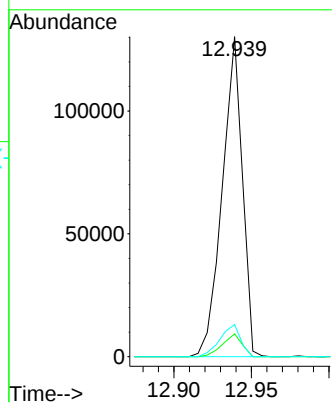
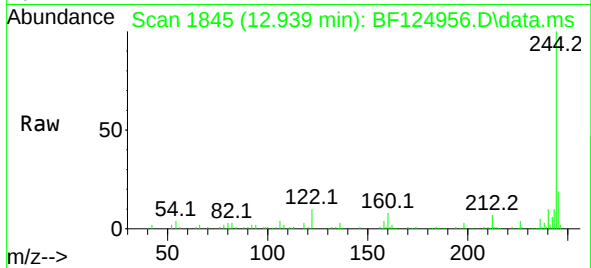




#79  
Terphenyl-d14  
Concen: 80.237 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Instrument :  
BNA\_F  
ClientSampleId :  
PB138117BL

Tgt Ion:244 Resp: 117409  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 10.0 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. -0.018 min  
Lab File: BF124956.D  
Acq: 6 Aug 2021 10:19

Tgt Ion:264 Resp: 22914  
Ion Ratio Lower Upper  
264 100  
260 21.2 19.6 29.4  
265 20.0 17.2 25.8

