

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070121\  
 Data File : BF124507.D  
 Acq On : 1 Jul 2021 12:35  
 Operator : JU/CG  
 Sample : PB137447BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB137447BL

Quant Time: Jul 01 14:16:48 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 14:15:13 2021  
 Response via : Initial Calibration

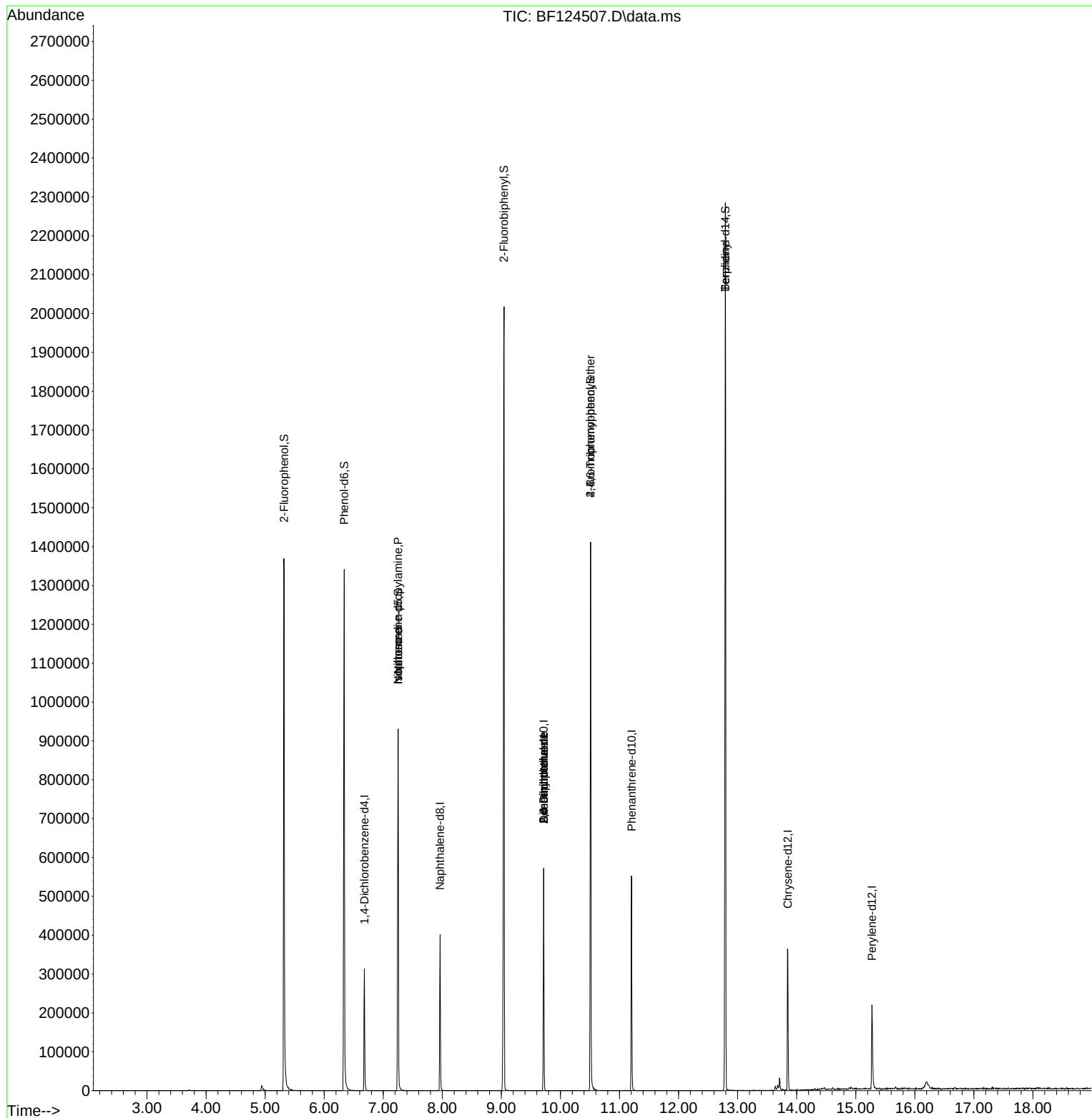
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.681  | 152  | 45231    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.963  | 136  | 166588   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.716  | 164  | 99426    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.204 | 188  | 188463   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.851 | 240  | 130602   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.274 | 264  | 91918    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.322  | 112  | 371839   | 129.289 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.339  | 99   | 440122   | 117.203 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.251  | 82   | 325741   | 81.075  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.510 | 330  | 155123   | 130.588 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.045  | 172  | 669771   | 82.520  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.792 | 244  | 783184   | 89.818  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 47155    | 18.672  | ng    | # 57     |
| 25) Isophorone                | 7.251  | 82   | 325735   | 47.155  | ng    | # 69     |
| 50) Dimethylphthalate         | 9.716  | 163  | 21239    | 2.709   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 12711    | 7.020   | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 9.716  | 165  | 12711    | 5.296   | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 10.510 | 248  | 10489    | 4.137   | ng    | # 1      |
| 77) Benzidine                 | 12.792 | 184  | 12993    | 4.964   | ng    | 99       |
| -----                         |        |      |          |         |       |          |

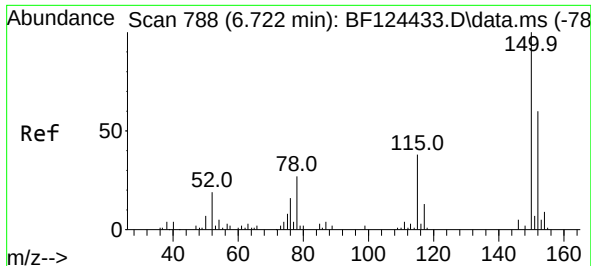
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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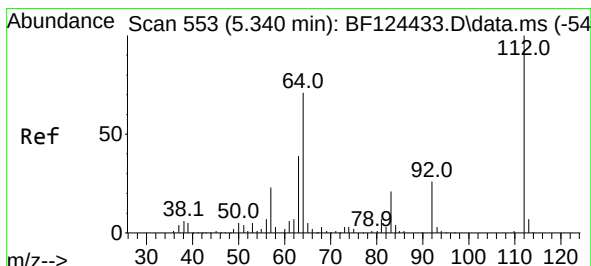
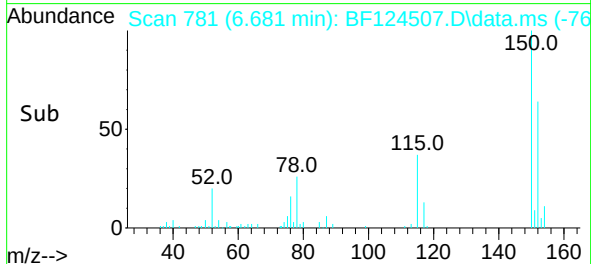
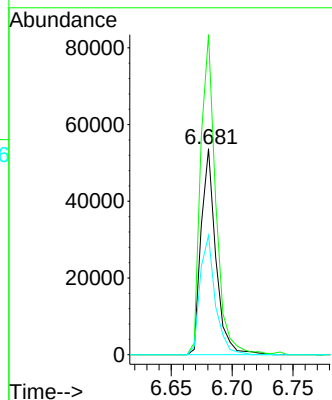
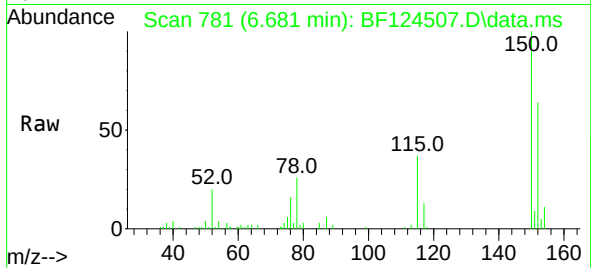




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

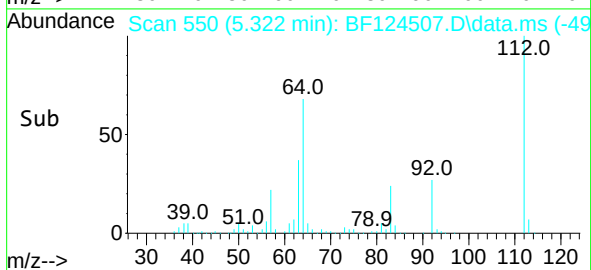
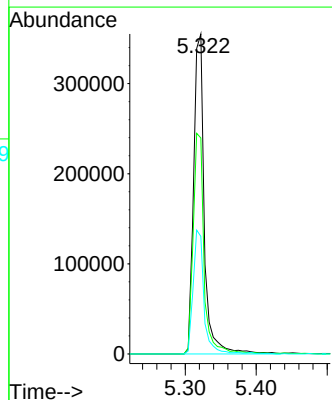
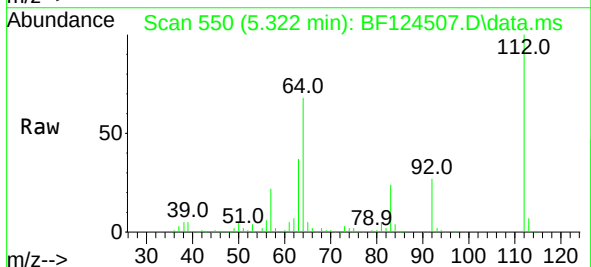
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ClientSampleId :  
PB137447BL

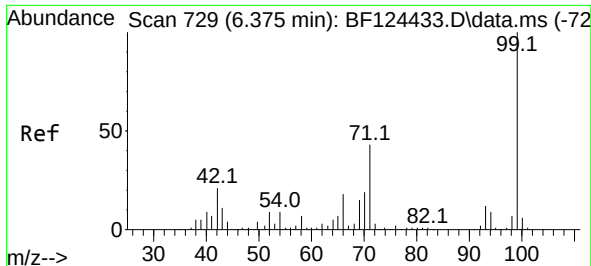
Tgt Ion:152 Resp: 45231  
Ion Ratio Lower Upper  
152 100  
150 155.4 127.0 190.6  
115 57.8 54.3 81.5



#5  
2-Fluorophenol  
Concen: 129.289 ng  
RT: 5.322 min Scan# 550  
Delta R.T. 0.018 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion:112 Resp: 371839  
Ion Ratio Lower Upper  
112 100  
64 67.5 61.4 92.0  
63 36.7 33.0 49.4

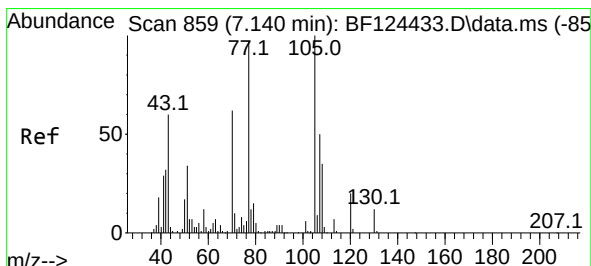
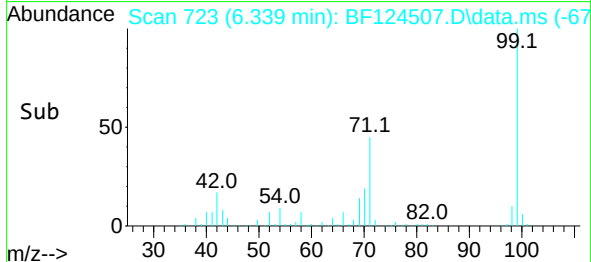
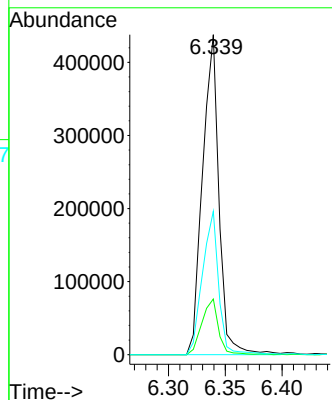
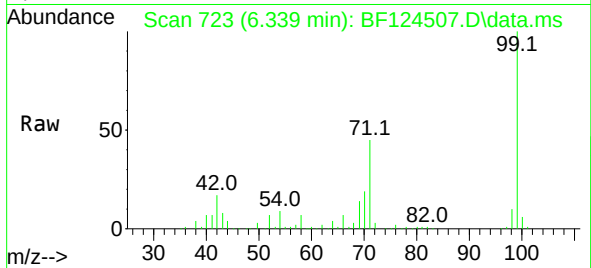




#7  
Phenol-d6  
Concen: 117.203 ng  
RT: 6.339 min Scan# 723  
Delta R.T. 0.000 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

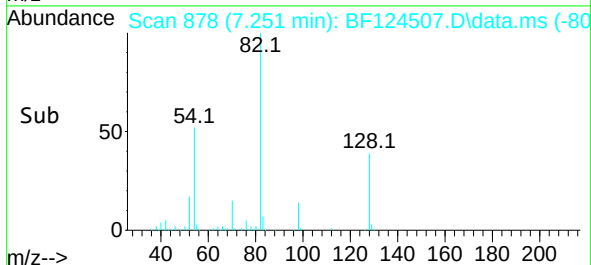
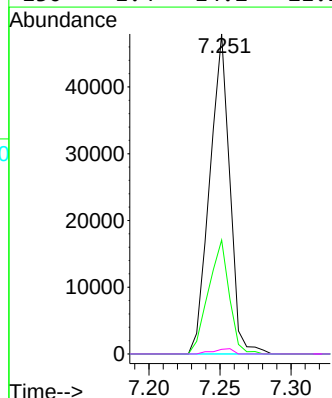
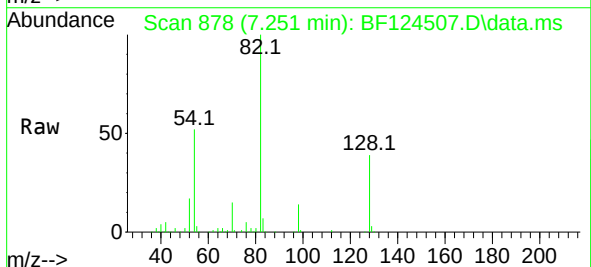
Instrument :  
BNA\_F  
ClientSampleId :  
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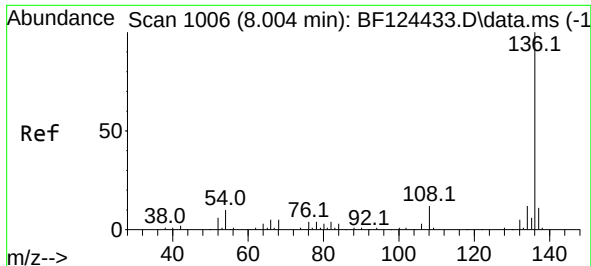
Tgt Ion: 99 Resp: 440122  
Ion Ratio Lower Upper  
99 100  
42 17.4 19.8 29.8#  
71 44.8 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.672 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.147 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion: 70 Resp: 47155  
Ion Ratio Lower Upper  
70 100  
42 35.6 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.4 14.2 21.2#

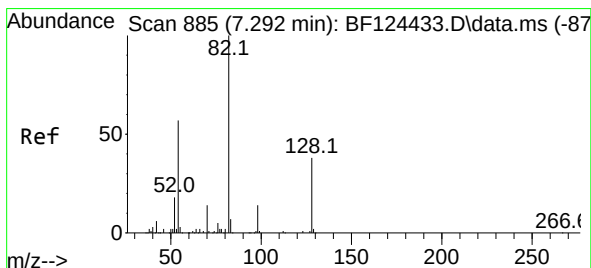
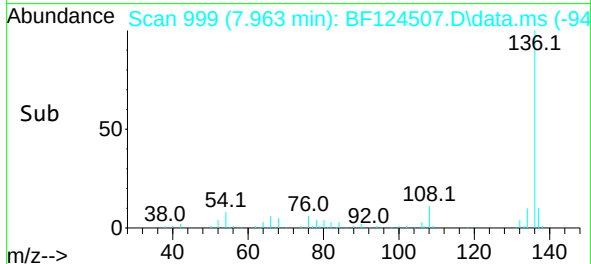
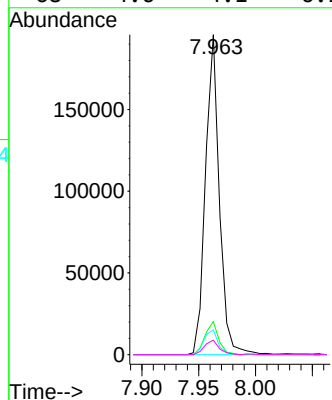
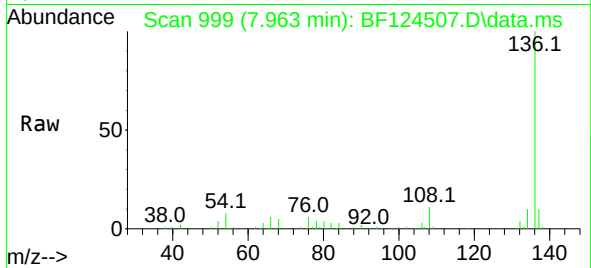




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

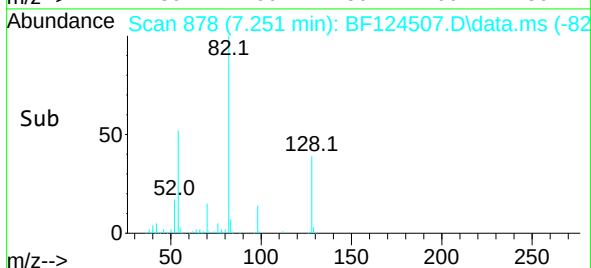
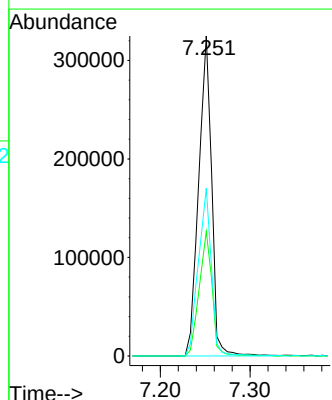
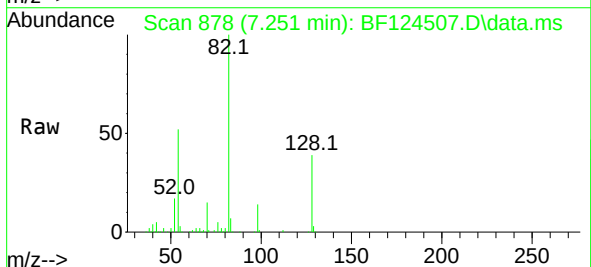
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447BL

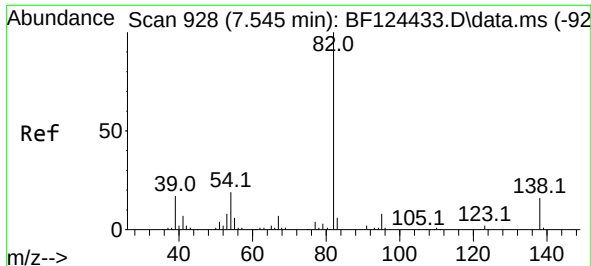
Tgt Ion:136 Resp: 166588  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.7 13.1  
54 7.8 9.8 14.6#  
68 4.6 4.1 6.1



#23  
Nitrobenzene-d5  
Concen: 81.075 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion: 82 Resp: 325741  
Ion Ratio Lower Upper  
82 100  
128 38.9 29.4 44.2  
54 52.4 54.1 81.1#

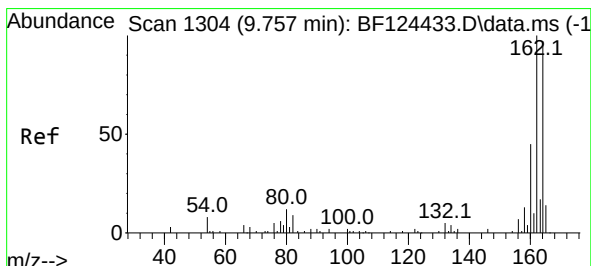
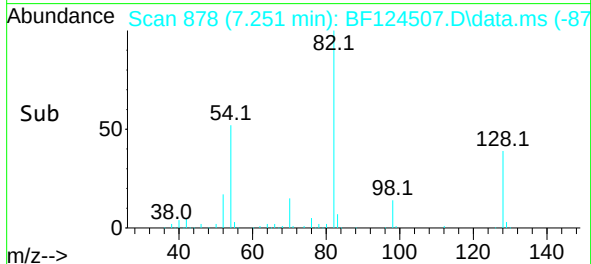
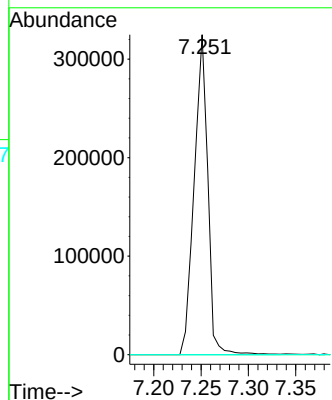
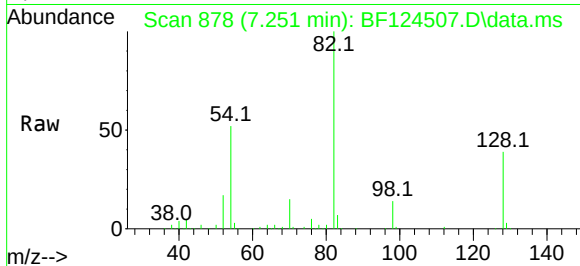




#25  
Isophorone  
Concen: 47.155 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.265 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

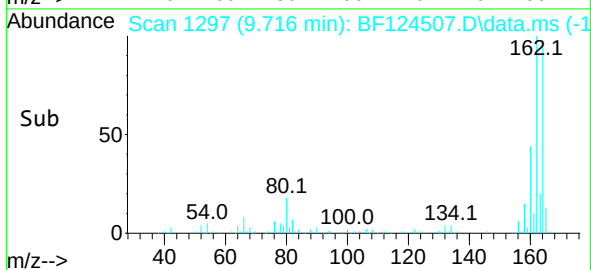
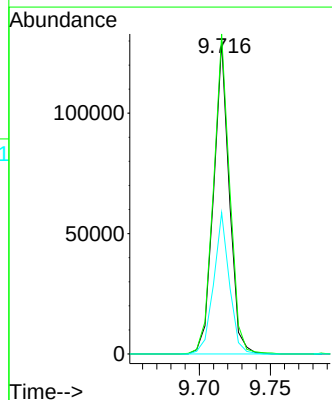
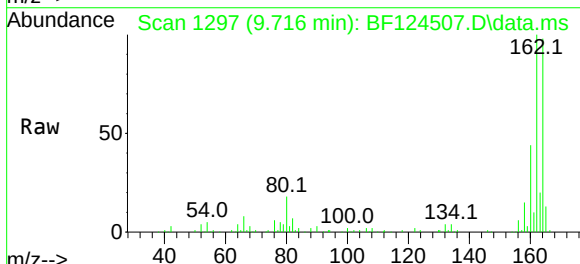
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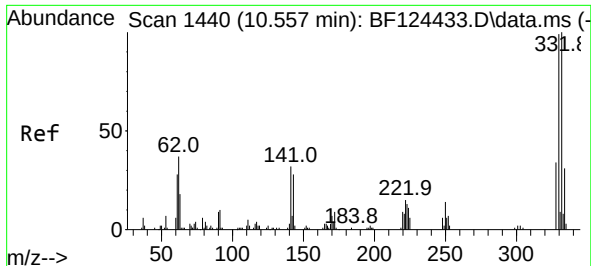
Tgt Ion: 82 Resp: 325735  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

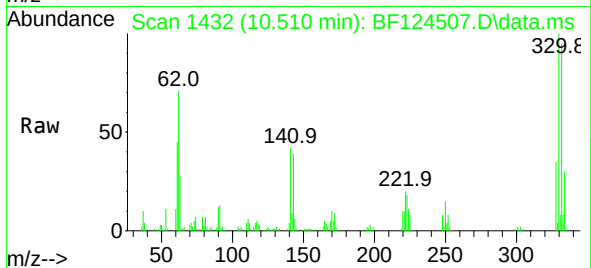
Tgt Ion: 164 Resp: 99426  
Ion Ratio Lower Upper  
164 100  
162 102.5 80.7 121.1  
160 45.2 37.3 55.9



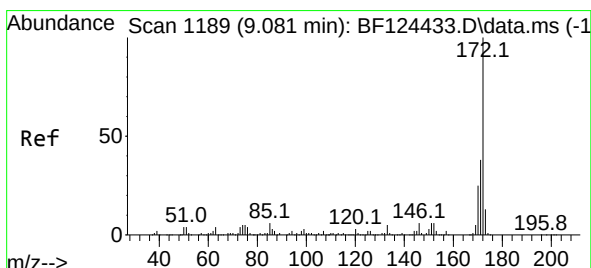
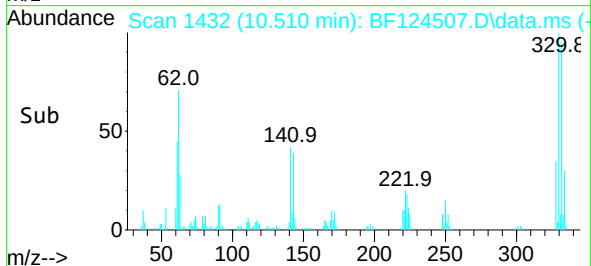
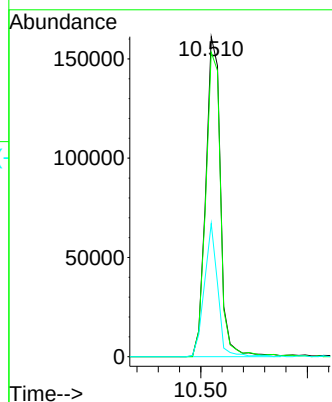


#42  
2,4,6-Tribromophenol  
Concen: 130.588 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Instrument :  
BNA\_F  
ClientSampleID :  
PB137447BL

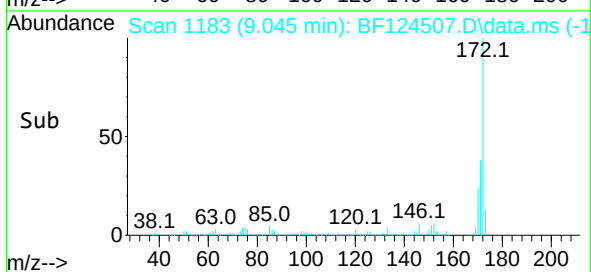
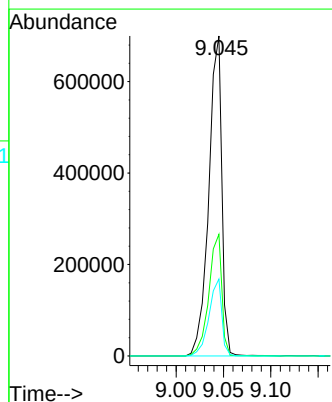
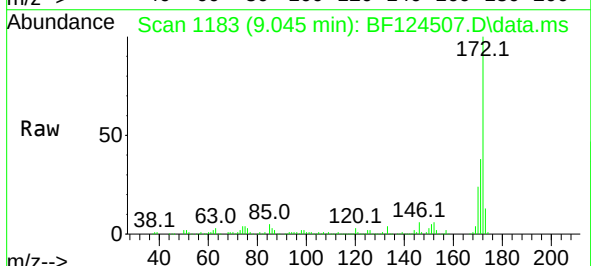


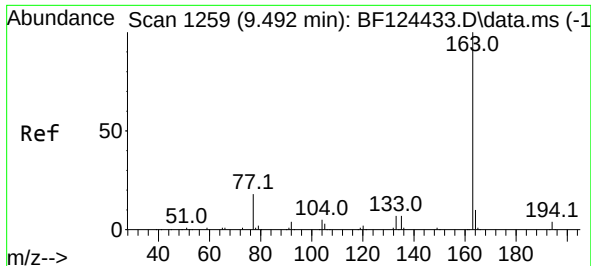
Tgt Ion:330 Resp: 155123  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.1 115.7  
141 37.5 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 82.520 ng  
RT: 9.045 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion:172 Resp: 669771  
Ion Ratio Lower Upper  
172 100  
171 38.0 28.1 42.1  
170 24.1 19.2 28.8

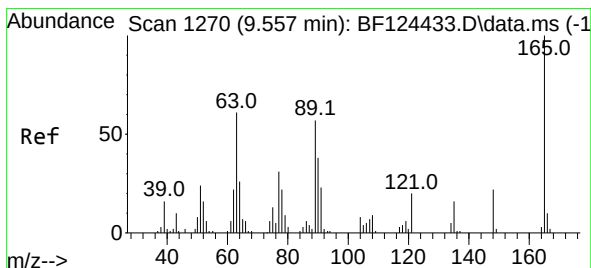
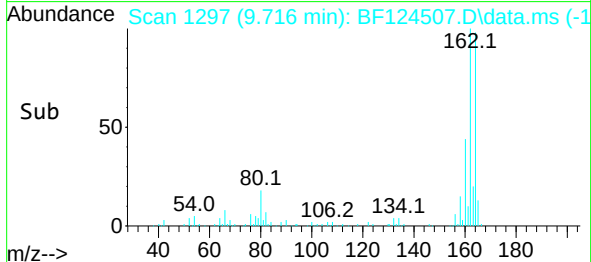
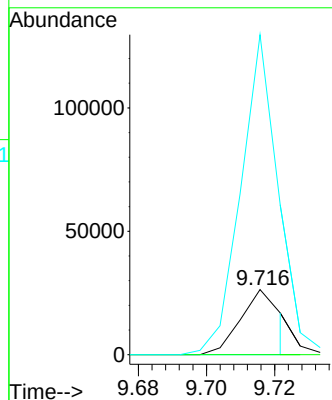
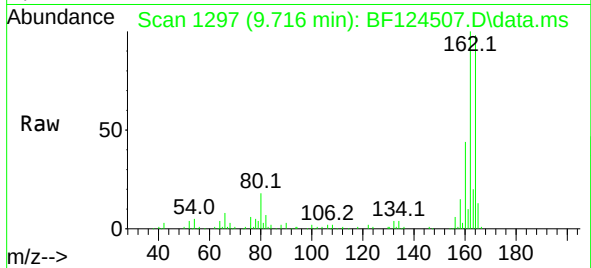




#50  
Dimethylphthalate  
Concen: 2.709 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. 0.265 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

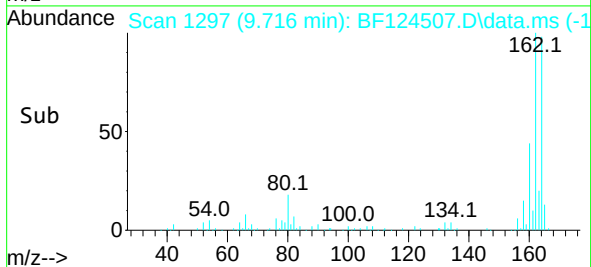
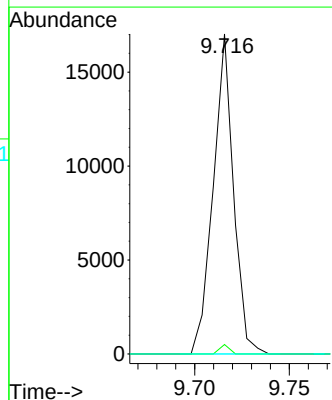
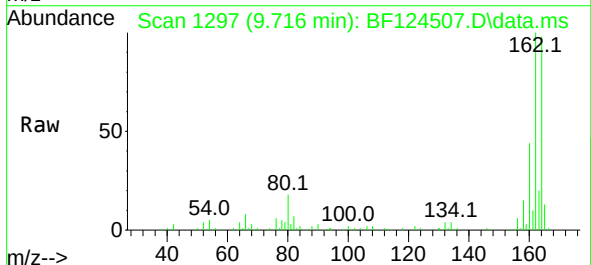
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447BL

Tgt Ion:163 Resp: 21239  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 490.9 8.2 12.2#

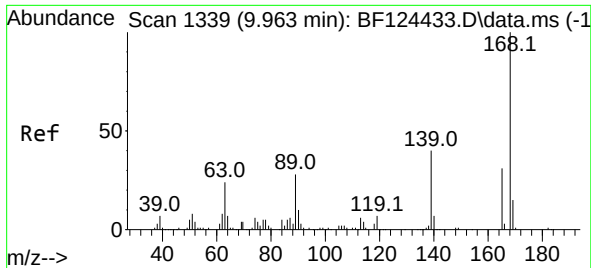


#51  
2,6-Dinitrotoluene  
Concen: 7.020 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. 0.194 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion:165 Resp: 12711  
Ion Ratio Lower Upper  
165 100  
63 2.9 67.7 101.5#  
89 0.0 58.8 88.2#

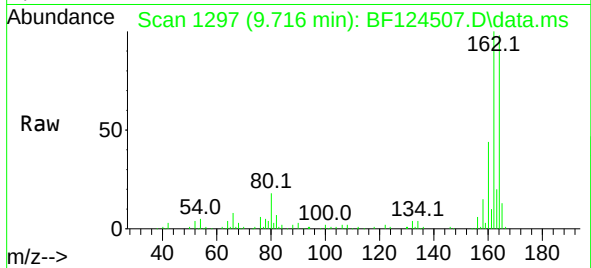




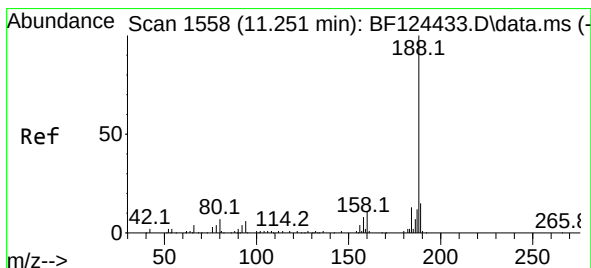
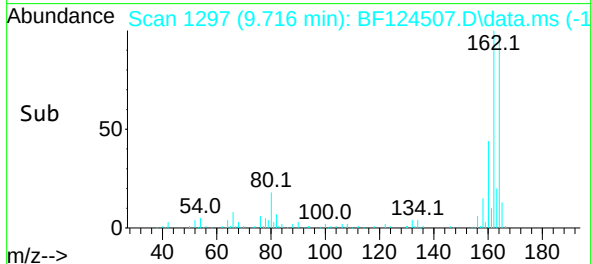
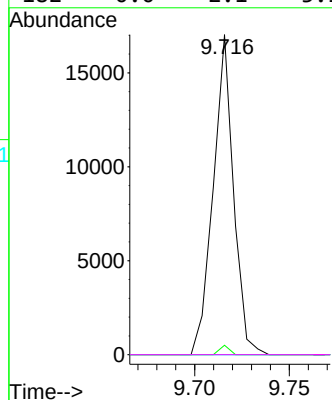


#57  
2,4-Dinitrotoluene  
Concen: 5.296 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.212 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB137447BL

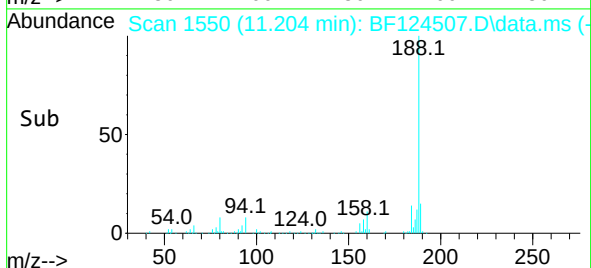
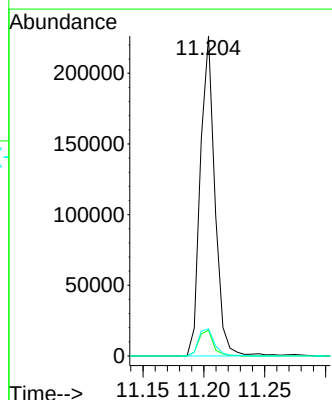
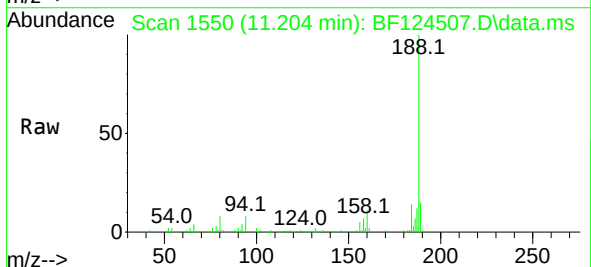


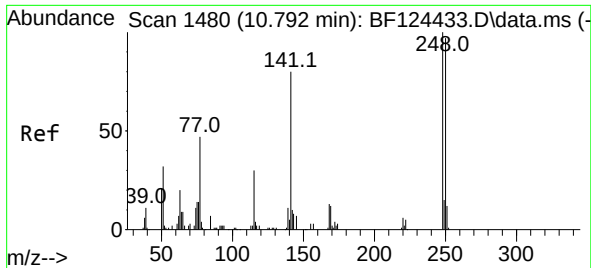
Tgt Ion:165 Resp: 12711  
Ion Ratio Lower Upper  
165 100  
63 2.9 43.5 65.3#  
89 0.0 67.7 101.5#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.204 min Scan# 1550  
Delta R.T. 0.000 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion:188 Resp: 188463  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.9 10.3  
80 8.4 8.2 12.2

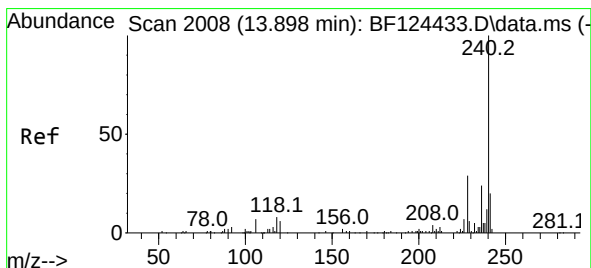
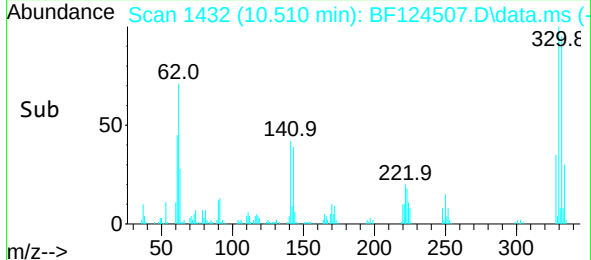
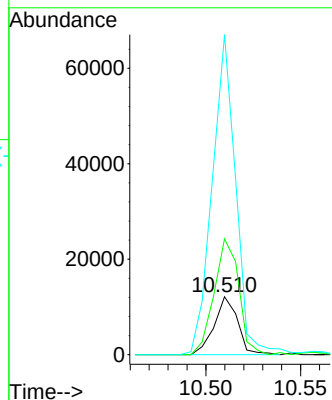
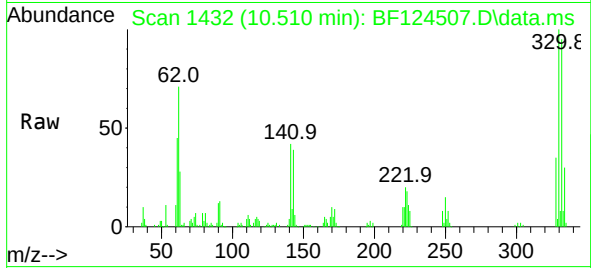




#67  
4-Bromophenyl-phenylether  
Concen: 4.137 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.241 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

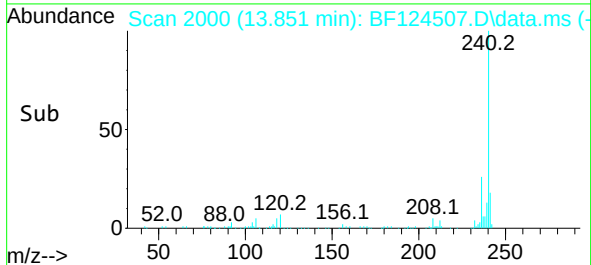
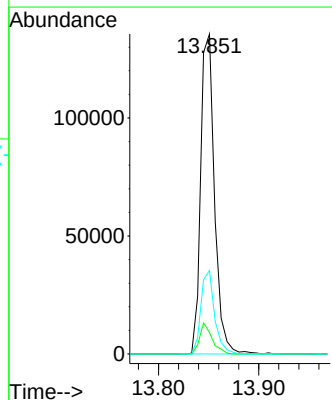
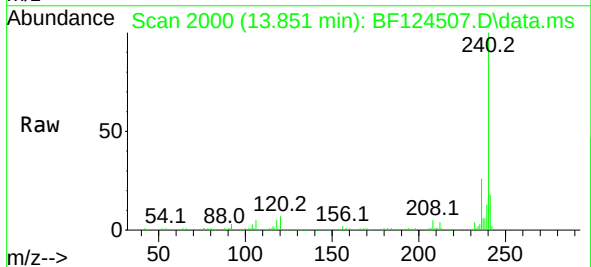
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447BL

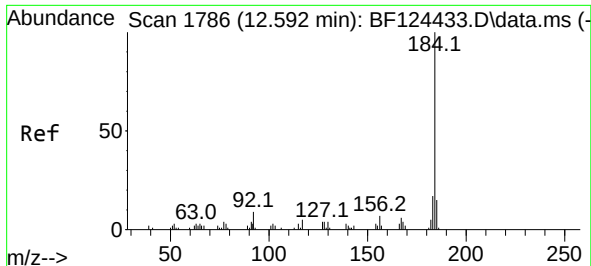
Tgt Ion:248 Resp: 10489  
Ion Ratio Lower Upper  
248 100  
250 200.2 77.4 116.2#  
141 552.7 63.7 95.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.851 min Scan# 2000  
Delta R.T. 0.000 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion:240 Resp: 130602  
Ion Ratio Lower Upper  
240 100  
120 6.7 7.2 10.8#  
236 26.1 19.0 28.4

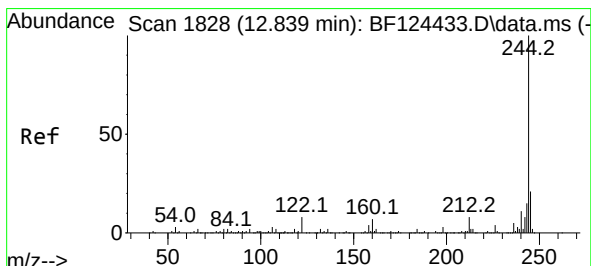
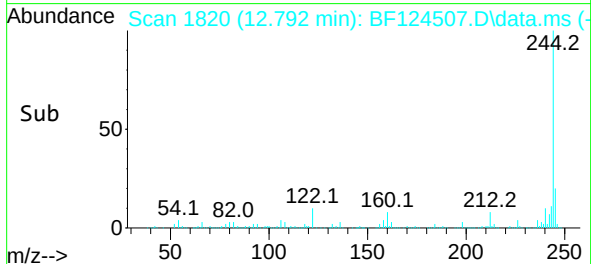
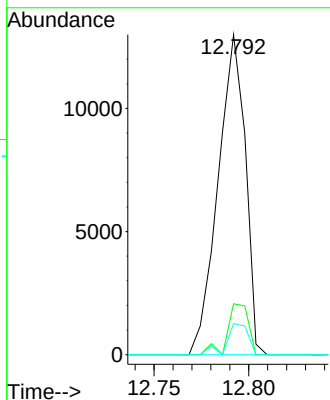
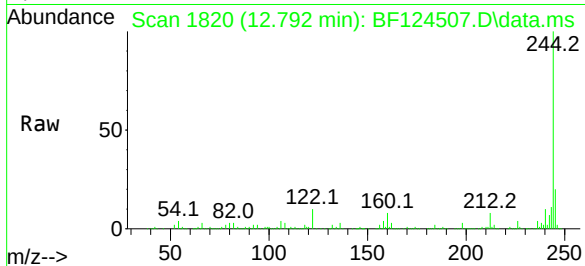




#77  
Benzidine  
Concen: 4.964 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. 0.247 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

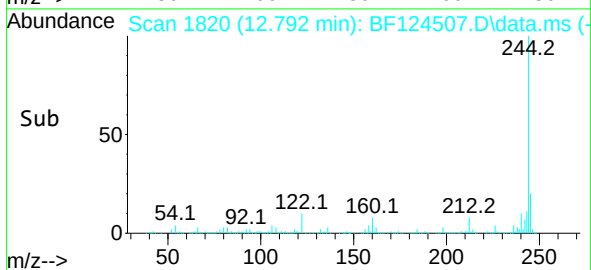
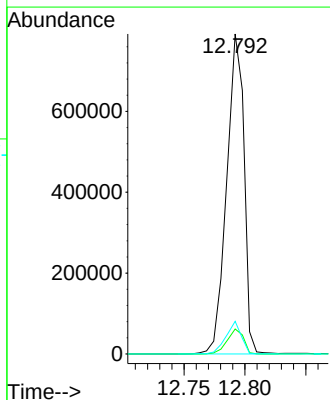
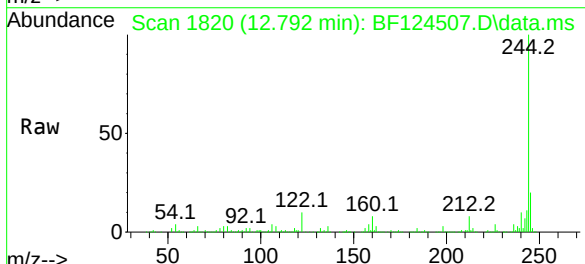
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447BL

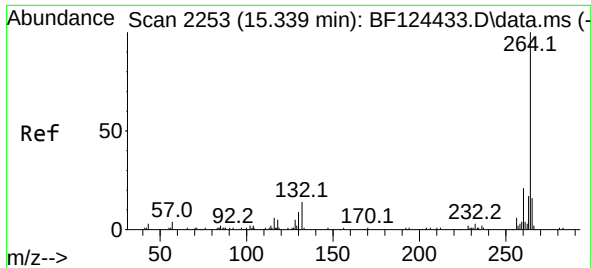
Tgt Ion:184 Resp: 12993  
Ion Ratio Lower Upper  
184 100  
185 15.9 12.1 18.1  
183 9.7 7.8 11.8



#79  
Terphenyl-d14  
Concen: 89.818 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: BF124507.D  
Acq: 1 Jul 2021 12:35

Tgt Ion:244 Resp: 783184  
Ion Ratio Lower Upper  
244 100  
212 7.8 5.7 8.5  
122 10.2 9.7 14.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.274 min Scan# 2242  
 Delta R.T. 0.000 min  
 Lab File: BF124507.D  
 Acq: 1 Jul 2021 12:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB137447BL

Tgt Ion:264 Resp: 91918  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 18.7 28.1  
 265 23.7 17.8 26.8

