

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030222\  
 Data File : BF127151.D  
 Acq On : 02 Mar 2022 17:09  
 Operator : CG\JU  
 Sample : N1722-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUM-6

Quant Time: Mar 03 00:57:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 01 23:57:09 2022  
 Response via : Initial Calibration

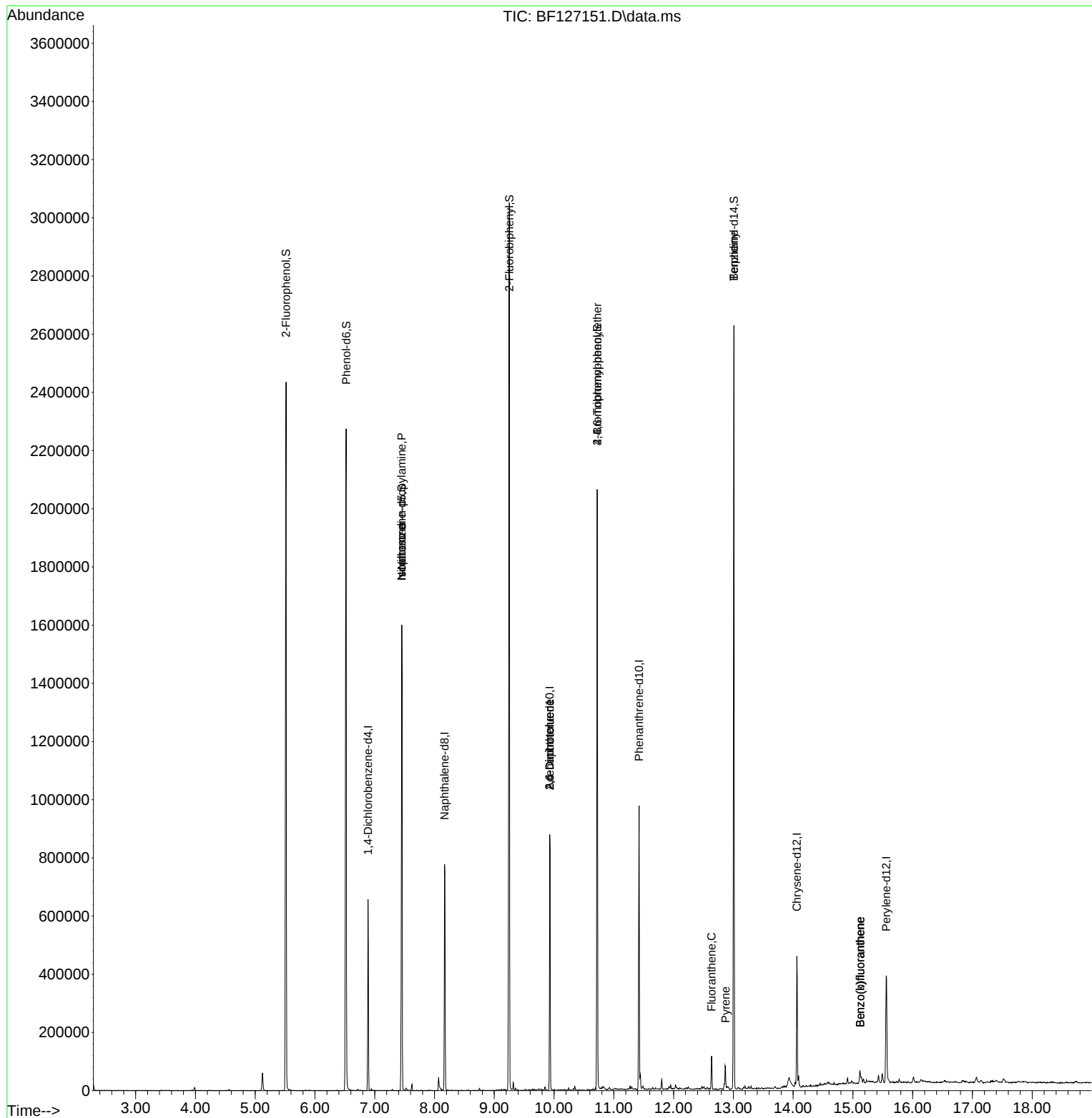
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 83955    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 345622   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.928  | 164  | 175403   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.422 | 188  | 302103   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.063 | 240  | 132429   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12              | 15.557 | 264  | 162593   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 595881   | 109.699 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 786235   | 107.268 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 552429   | 72.146  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 223133   | 110.488 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 904875   | 75.946  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 808161   | 89.711  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 74672    | 15.810  | ng    | # 79     |
| 25) Isophorone                | 7.451  | 82   | 552422   | 43.599  | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.928  | 165  | 22461    | 8.805   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.928  | 165  | 22461    | 6.512   | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.722 | 248  | 12836    | 3.803   | ng    | # 1      |
| 75) Fluoranthene              | 12.633 | 202  | 40550    | 2.526   | ng    | 97       |
| 77) Benzidine                 | 13.010 | 184  | 11800    | 3.279   | ng    | # 93     |
| 78) Pyrene                    | 12.869 | 202  | 32242    | 2.802   | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 28290    | 2.591   | ng    | # 92     |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 28290    | 2.686   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

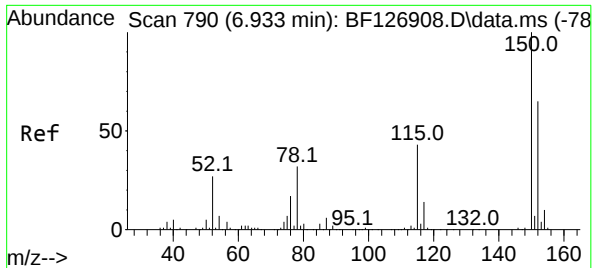
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030222\  
Data File : BF127151.D  
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Sample : N1722-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

Quant Time: Mar 03 00:57:07 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 01 23:57:09 2022  
Response via : Initial Calibration

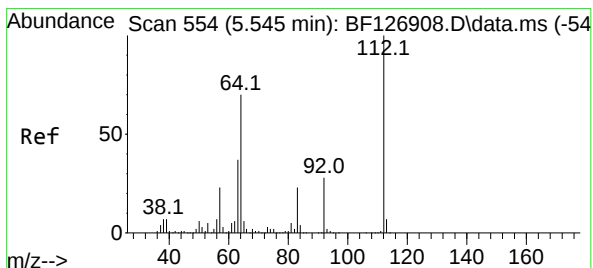
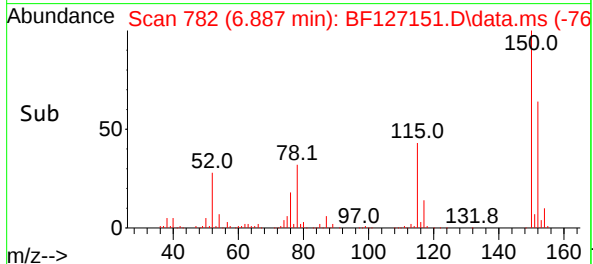
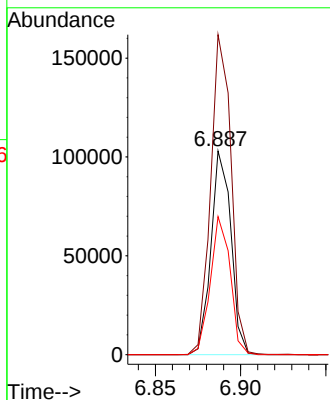
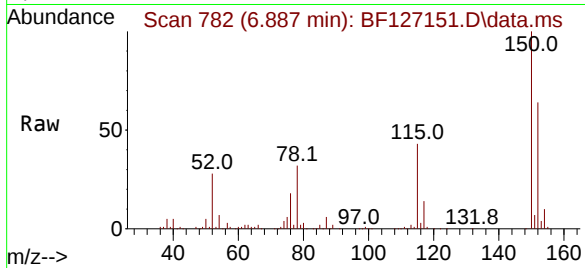




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF127151.D  
 Acq: 02 Mar 2022 17:09

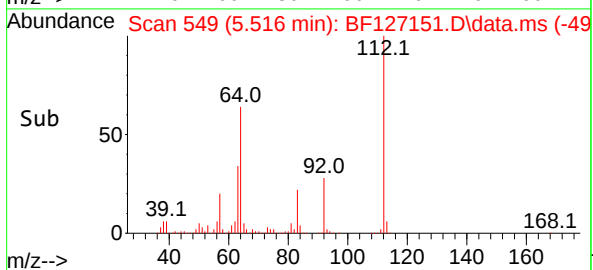
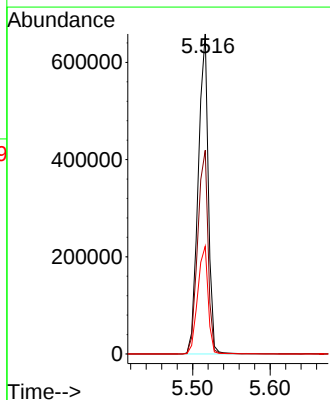
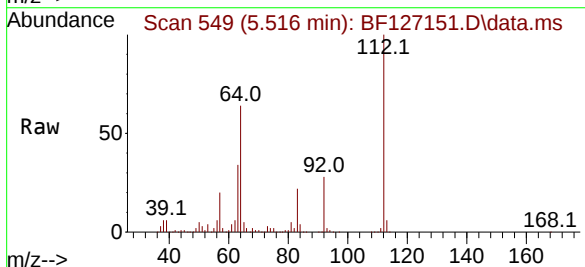
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUM-6

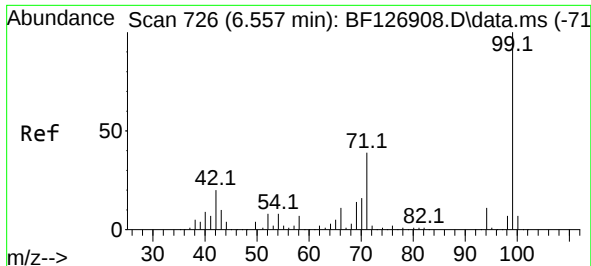
Tgt Ion:152 Resp: 83955  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 128.1 192.1  
 115 67.7 56.7 85.1



#5  
 2-Fluorophenol  
 Concen: 109.699 ng  
 RT: 5.516 min Scan# 549  
 Delta R.T. 0.006 min  
 Lab File: BF127151.D  
 Acq: 02 Mar 2022 17:09

Tgt Ion:112 Resp: 595881  
 Ion Ratio Lower Upper  
 112 100  
 64 63.7 49.5 74.3  
 63 33.6 23.9 35.9

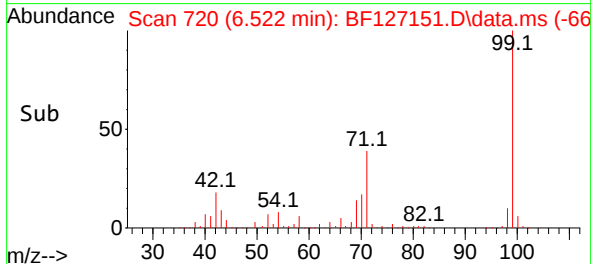
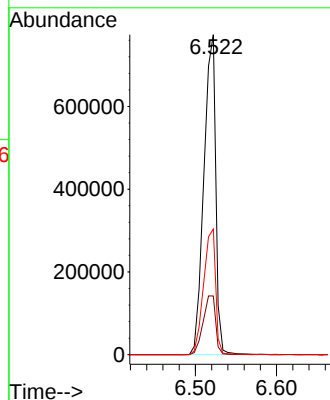
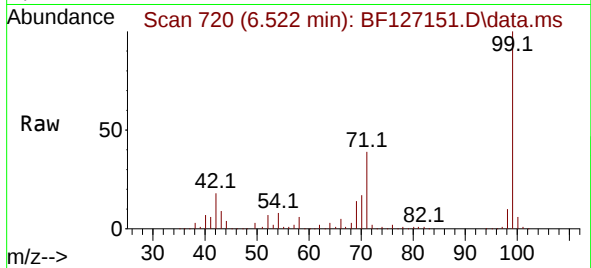




#7  
Phenol-d6  
Concen: 107.268 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

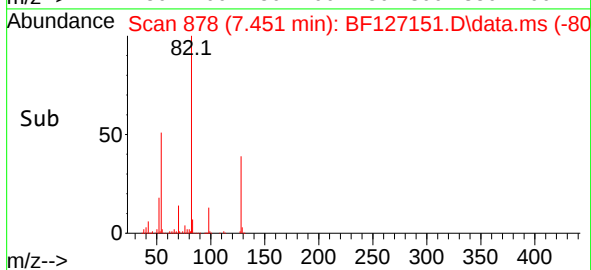
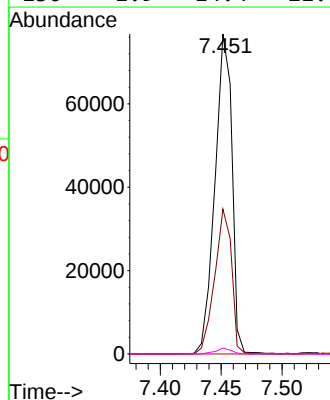
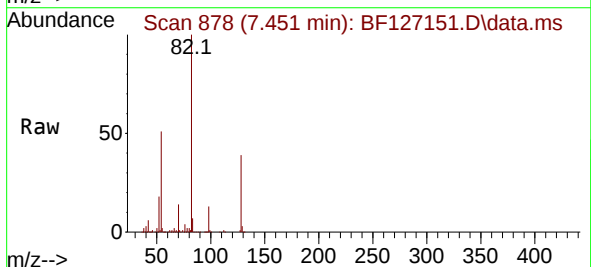
Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

Tgt Ion: 99 Resp: 786235  
Ion Ratio Lower Upper  
99 100  
42 18.3 14.2 21.4  
71 39.3 24.3 36.5#



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.810 ng  
RT: 7.451 min Scan# 878  
Delta R.T. 0.147 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion: 70 Resp: 74672  
Ion Ratio Lower Upper  
70 100  
42 45.2 45.8 68.8#  
101 0.0 6.9 10.3#  
130 1.9 14.4 21.6#

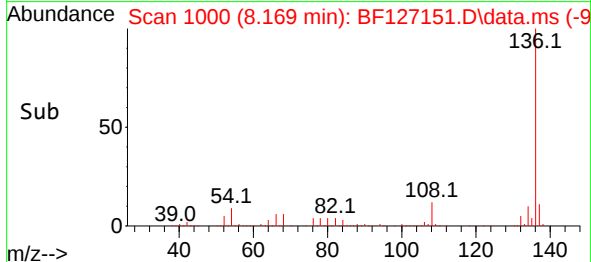
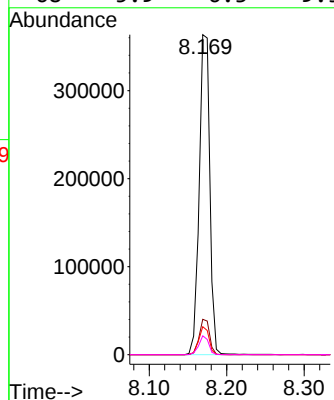
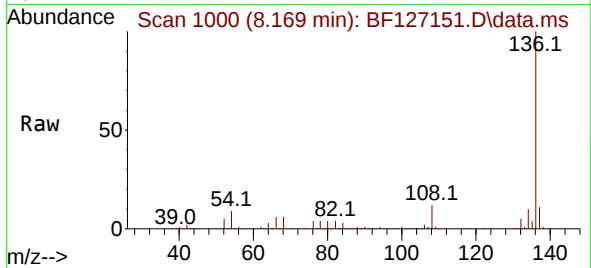




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

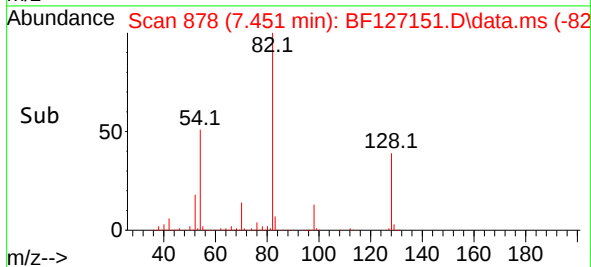
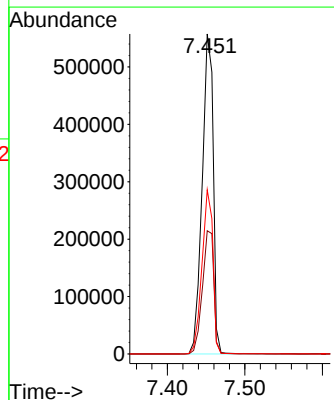
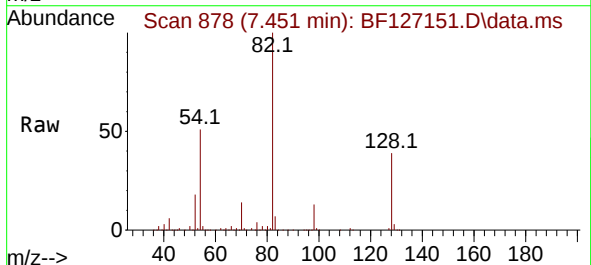
Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

Tgt Ion:136 Resp: 345622  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.7 7.8 11.6  
68 5.9 6.3 9.5#



#23  
Nitrobenzene-d5  
Concen: 72.146 ng  
RT: 7.451 min Scan# 878  
Delta R.T. -0.012 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion: 82 Resp: 552429  
Ion Ratio Lower Upper  
82 100  
128 38.5 32.7 49.1  
54 51.3 41.7 62.5

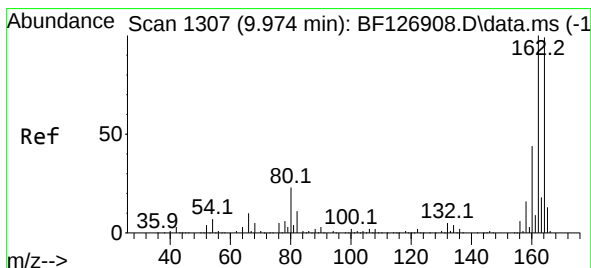
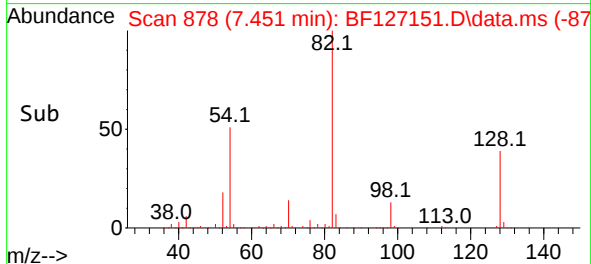
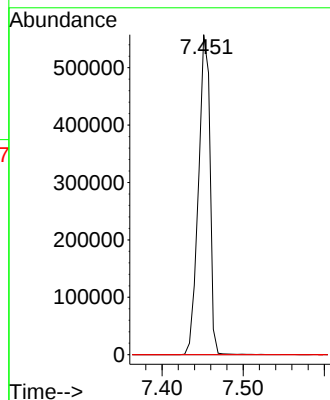
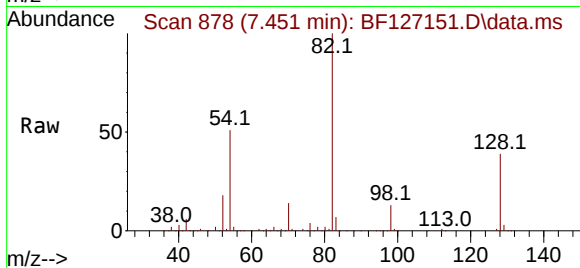




#25  
Isophorone  
Concen: 43.599 ng  
RT: 7.451 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

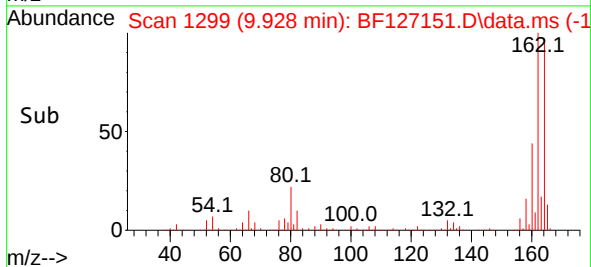
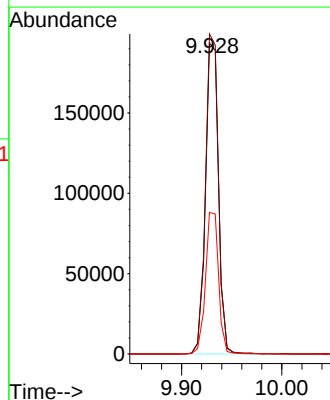
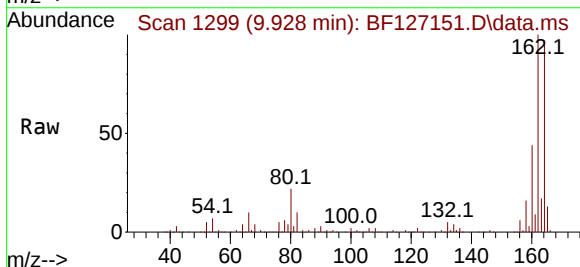
Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

Tgt Ion: 82 Resp: 552422  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. -0.012 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion: 164 Resp: 175403  
Ion Ratio Lower Upper  
164 100  
162 102.9 81.4 122.0  
160 45.5 36.6 54.8

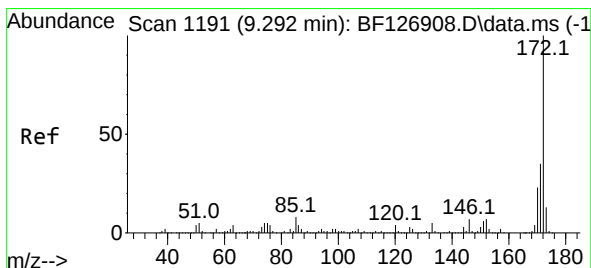
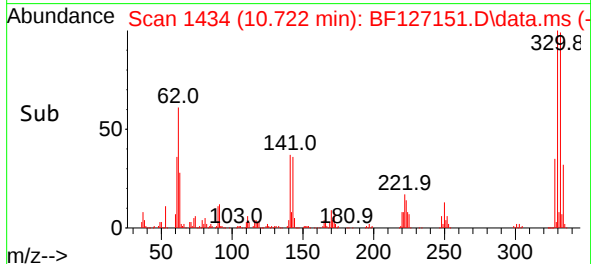
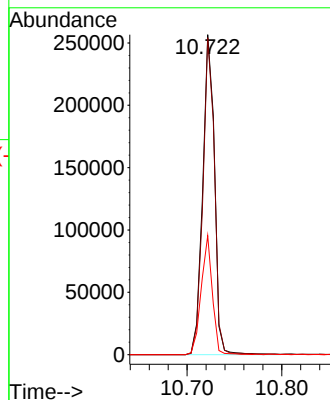
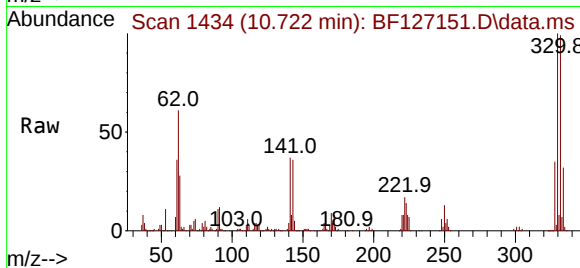




#42  
2,4,6-Tribromophenol  
Concen: 110.488 ng  
RT: 10.722 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

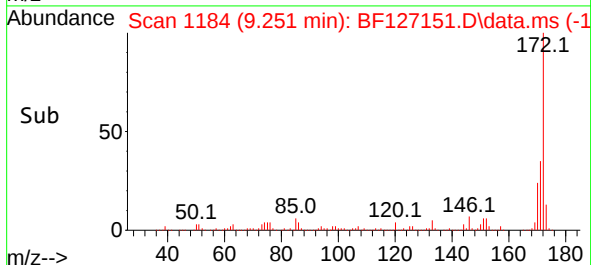
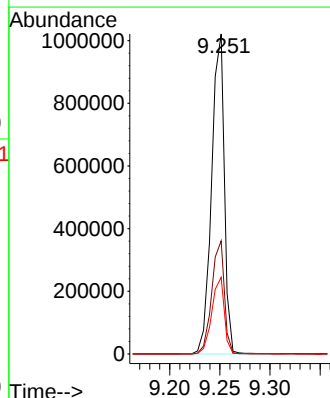
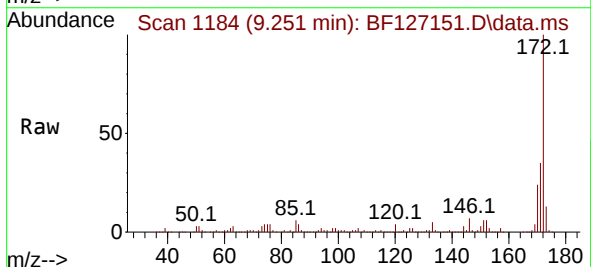
Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

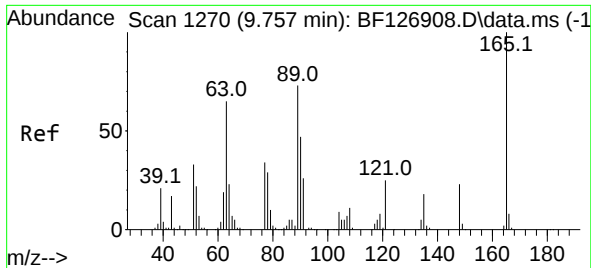
Tgt Ion: 330 Resp: 223133  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.0 114.0  
141 35.3 30.1 45.1



#45  
2-Fluorobiphenyl  
Concen: 75.946 ng  
RT: 9.251 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion: 172 Resp: 904875  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.3 42.5  
170 23.9 19.0 28.6

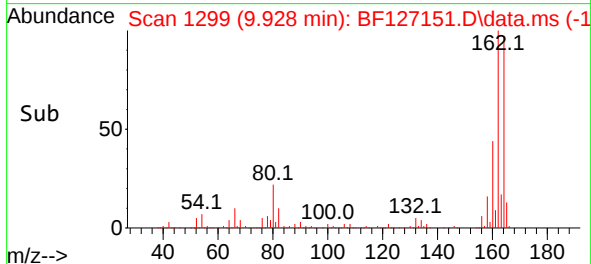
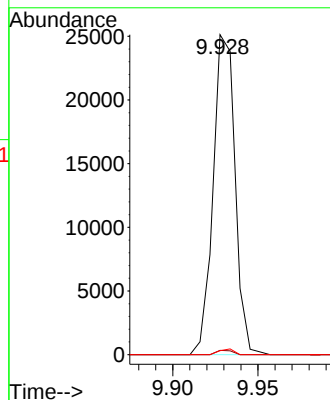
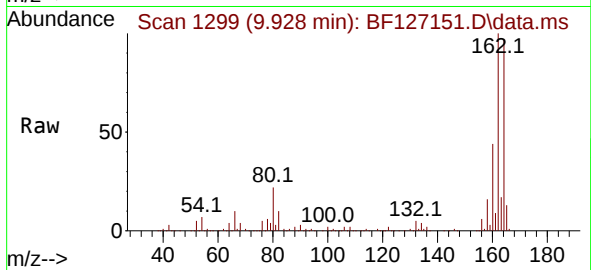




#51  
2,6-Dinitrotoluene  
Concen: 8.805 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. 0.206 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

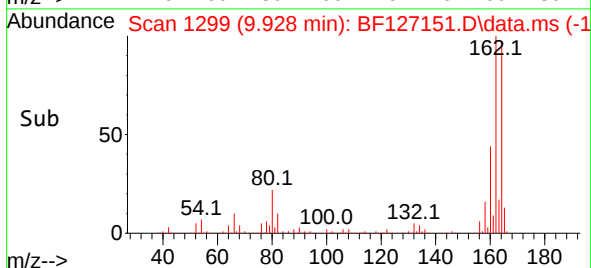
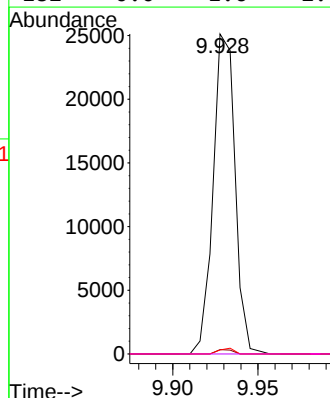
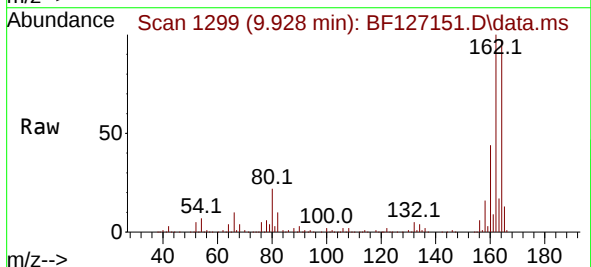
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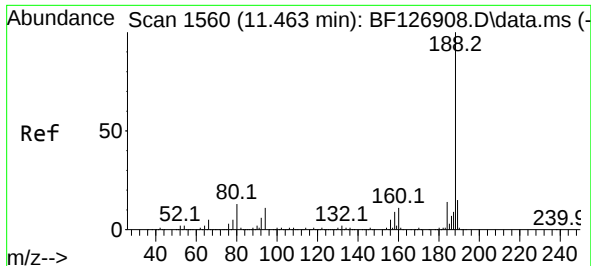
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Ion Ratio Lower Upper  
165 100  
63 1.4 48.4 72.6#  
89 1.2 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 6.512 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. -0.200 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion:165 Resp: 22461  
Ion Ratio Lower Upper  
165 100  
63 1.4 43.0 64.6#  
89 1.2 71.0 106.4#  
182 0.0 1.6 2.4#

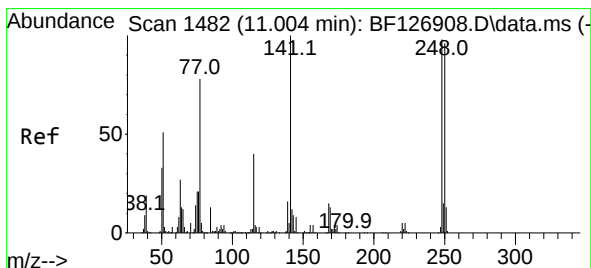
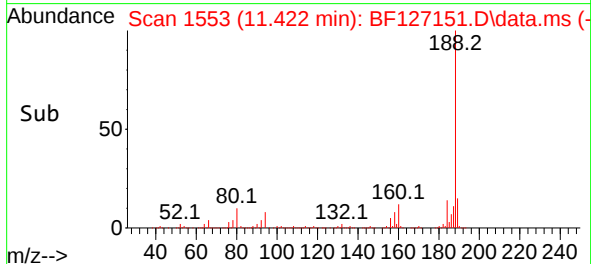
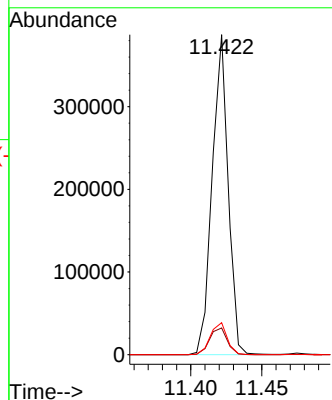
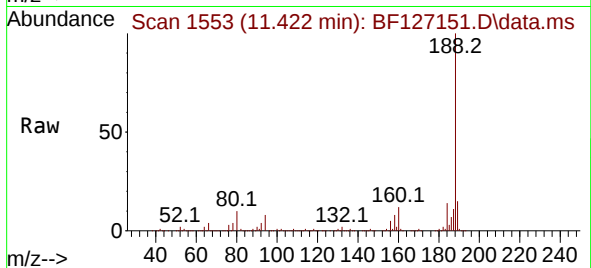




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

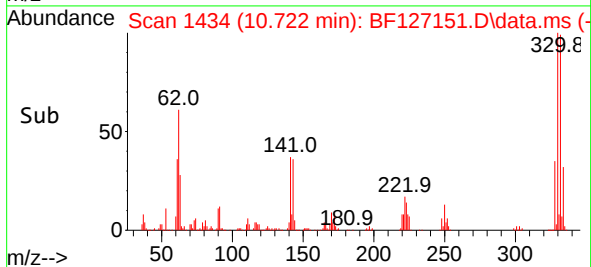
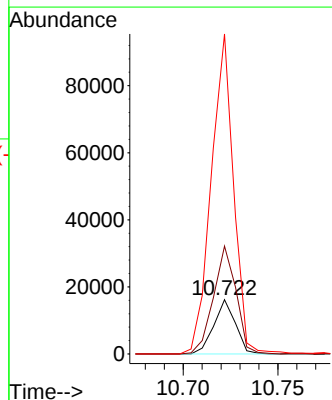
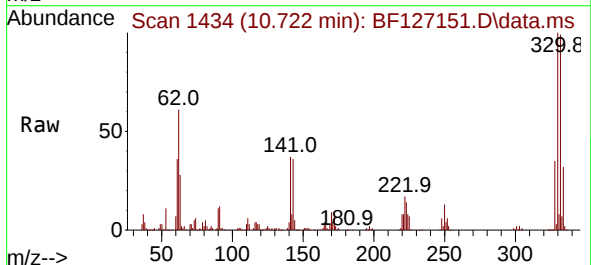
Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

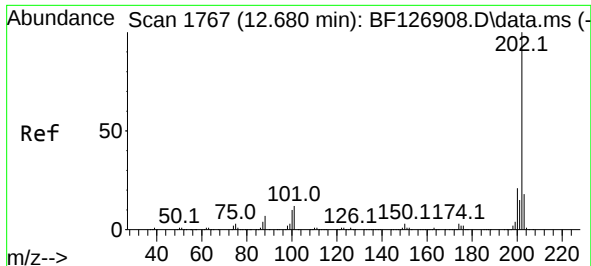
Tgt Ion:188 Resp: 302103  
Ion Ratio Lower Upper  
188 100  
94 8.3 10.1 15.1#  
80 10.0 11.8 17.6#



#67  
4-Bromophenyl-phenylether  
Concen: 3.803 ng  
RT: 10.722 min Scan# 1434  
Delta R.T. -0.247 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion:248 Resp: 12836  
Ion Ratio Lower Upper  
248 100  
250 198.9 76.2 114.4#  
141 590.5 66.2 99.4#

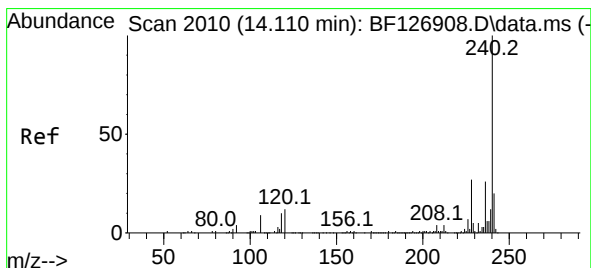
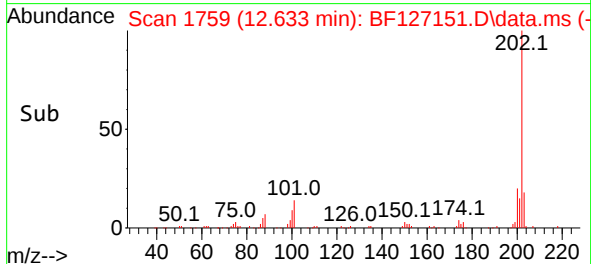
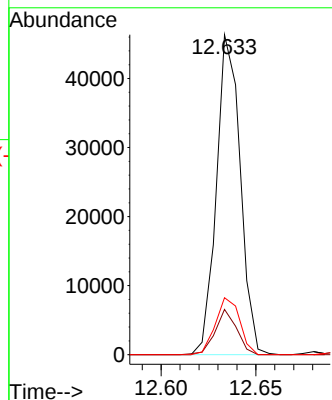
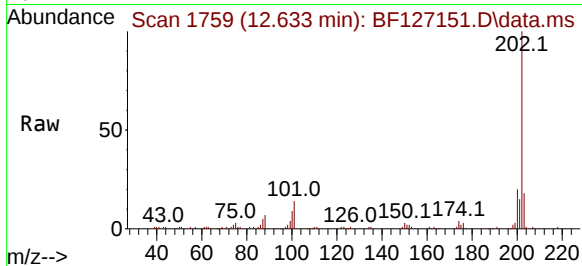




#75  
Fluoranthene  
Concen: 2.526 ng  
RT: 12.633 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

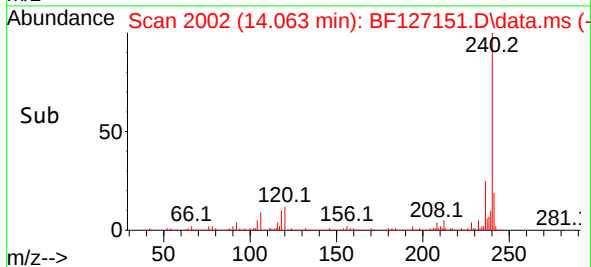
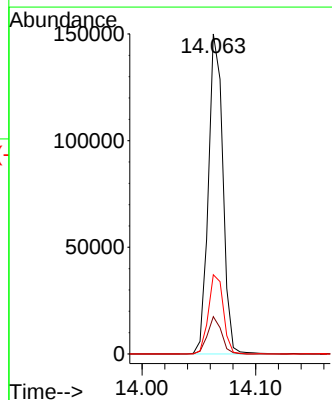
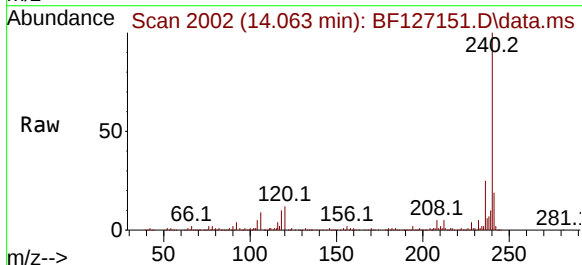
Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

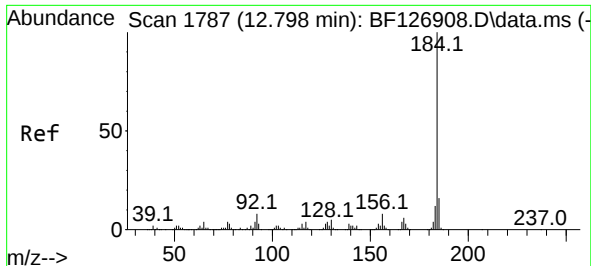
Tgt Ion:202 Resp: 40550  
Ion Ratio Lower Upper  
202 100  
101 14.1 0.0 35.7  
203 17.8 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. -0.012 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion:240 Resp: 132429  
Ion Ratio Lower Upper  
240 100  
120 11.6 14.4 21.6#  
236 24.8 20.5 30.7

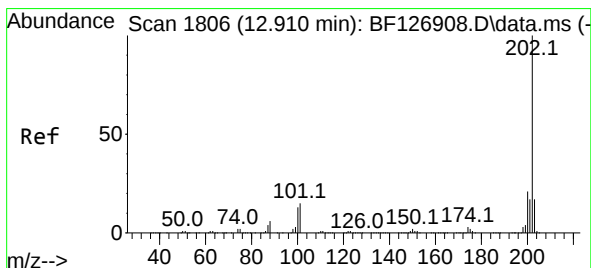
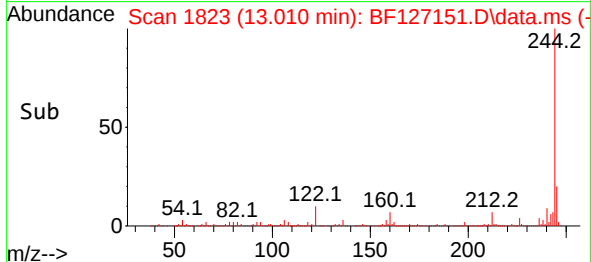
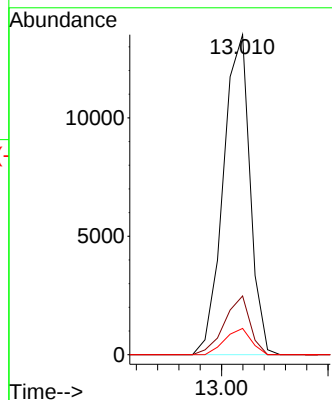
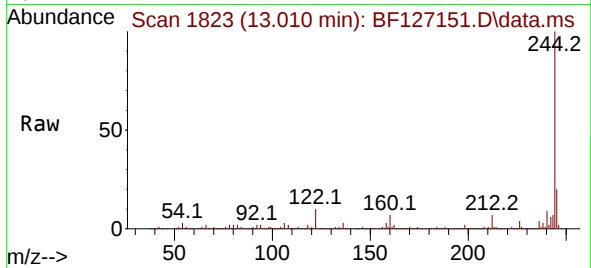




#77  
Benzidine  
Concen: 3.279 ng  
RT: 13.010 min Scan# 1799  
Delta R.T. 0.247 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

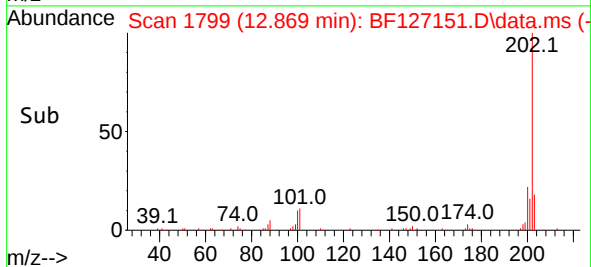
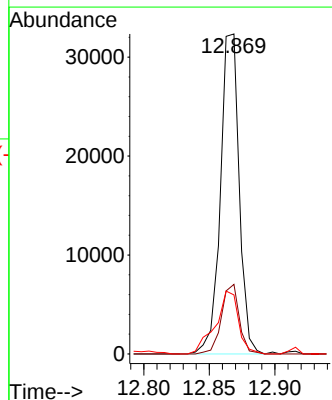
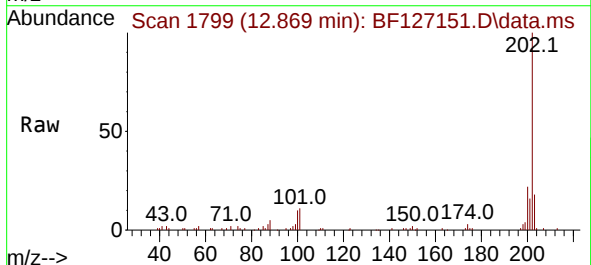
Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

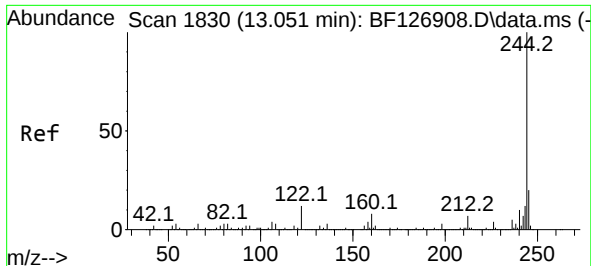
Tgt Ion:184 Resp: 11800  
Ion Ratio Lower Upper  
184 100  
185 18.4 11.8 17.8#  
183 8.2 8.2 12.2



#78  
Pyrene  
Concen: 2.802 ng  
RT: 12.869 min Scan# 1799  
Delta R.T. -0.006 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

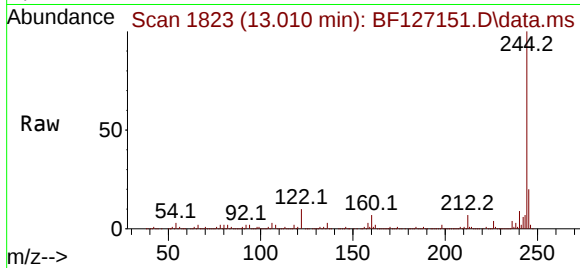
Tgt Ion:202 Resp: 32242  
Ion Ratio Lower Upper  
202 100  
200 21.7 16.6 24.8  
203 18.4 13.8 20.8



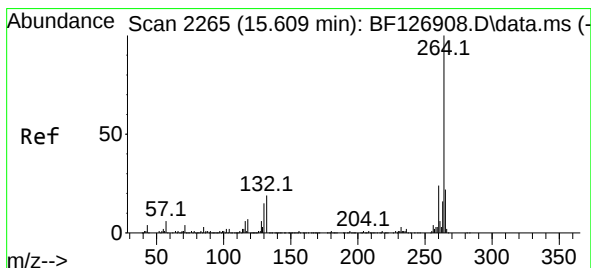
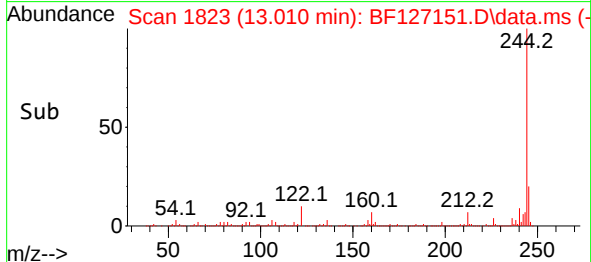
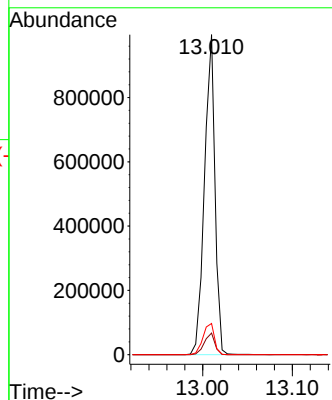


#79  
 Terphenyl-d14  
 Concen: 89.711 ng  
 RT: 13.010 min Scan# 1830  
 Delta R.T. -0.006 min  
 Lab File: BF127151.D  
 Acq: 02 Mar 2022 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUM-6

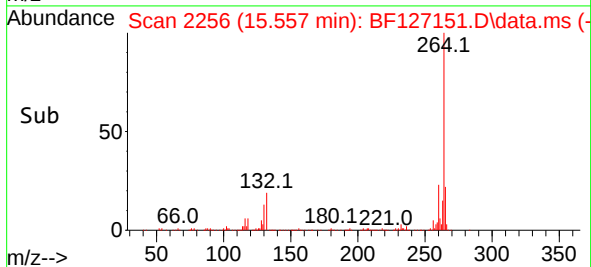
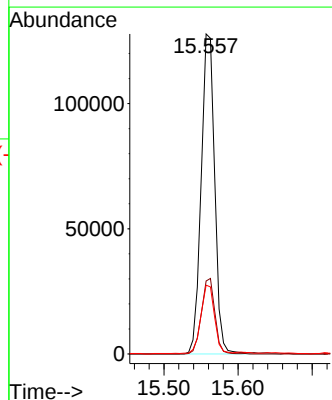
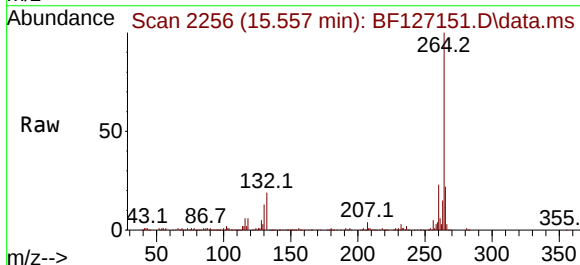


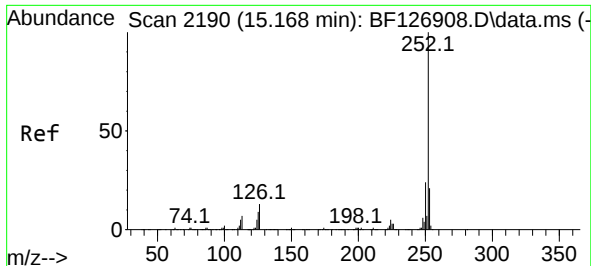
Tgt Ion:244 Resp: 808161  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.0 7.4  
 122 9.7 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2256  
 Delta R.T. -0.012 min  
 Lab File: BF127151.D  
 Acq: 02 Mar 2022 17:09

Tgt Ion:264 Resp: 162593  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.2 28.8  
 265 21.5 17.4 26.2

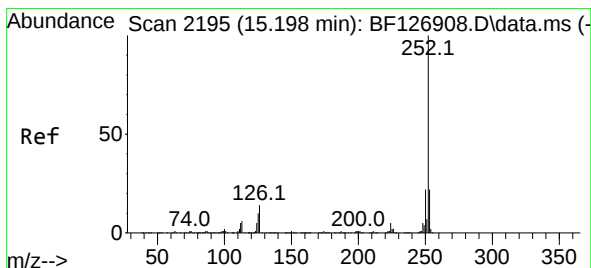
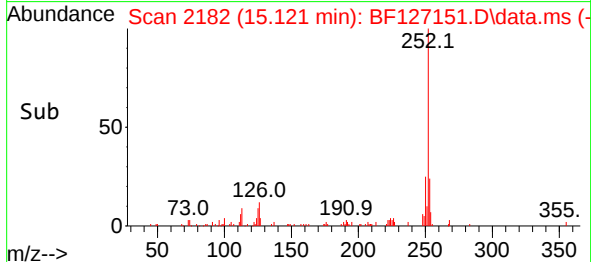
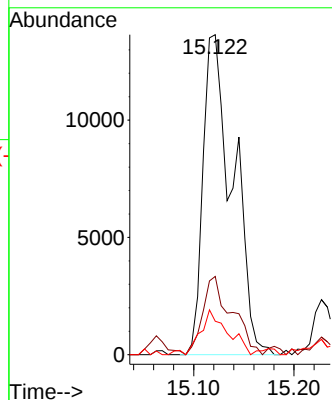
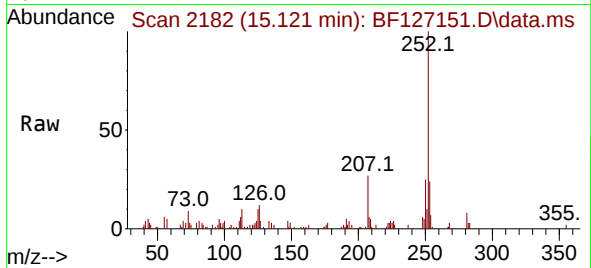




#88  
Benzo(b)fluoranthene  
Concen: 2.591 ng  
RT: 15.121 min Scan# 2182  
Delta R.T. -0.006 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
DUM-6

Tgt Ion:252 Resp: 28290  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.8 26.8  
125 10.4 12.4 18.6#



#89  
Benzo(k)fluoranthene  
Concen: 2.686 ng  
RT: 15.121 min Scan# 2182  
Delta R.T. -0.035 min  
Lab File: BF127151.D  
Acq: 02 Mar 2022 17:09

Tgt Ion:252 Resp: 28290  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.5 26.3  
125 10.4 11.8 17.6#

