

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
 Data File : BF143727.D  
 Acq On : 12 Sep 2025 12:11  
 Operator : RC/JU  
 Sample : PB169589TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169589TB

Quant Time: Sep 12 12:37:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

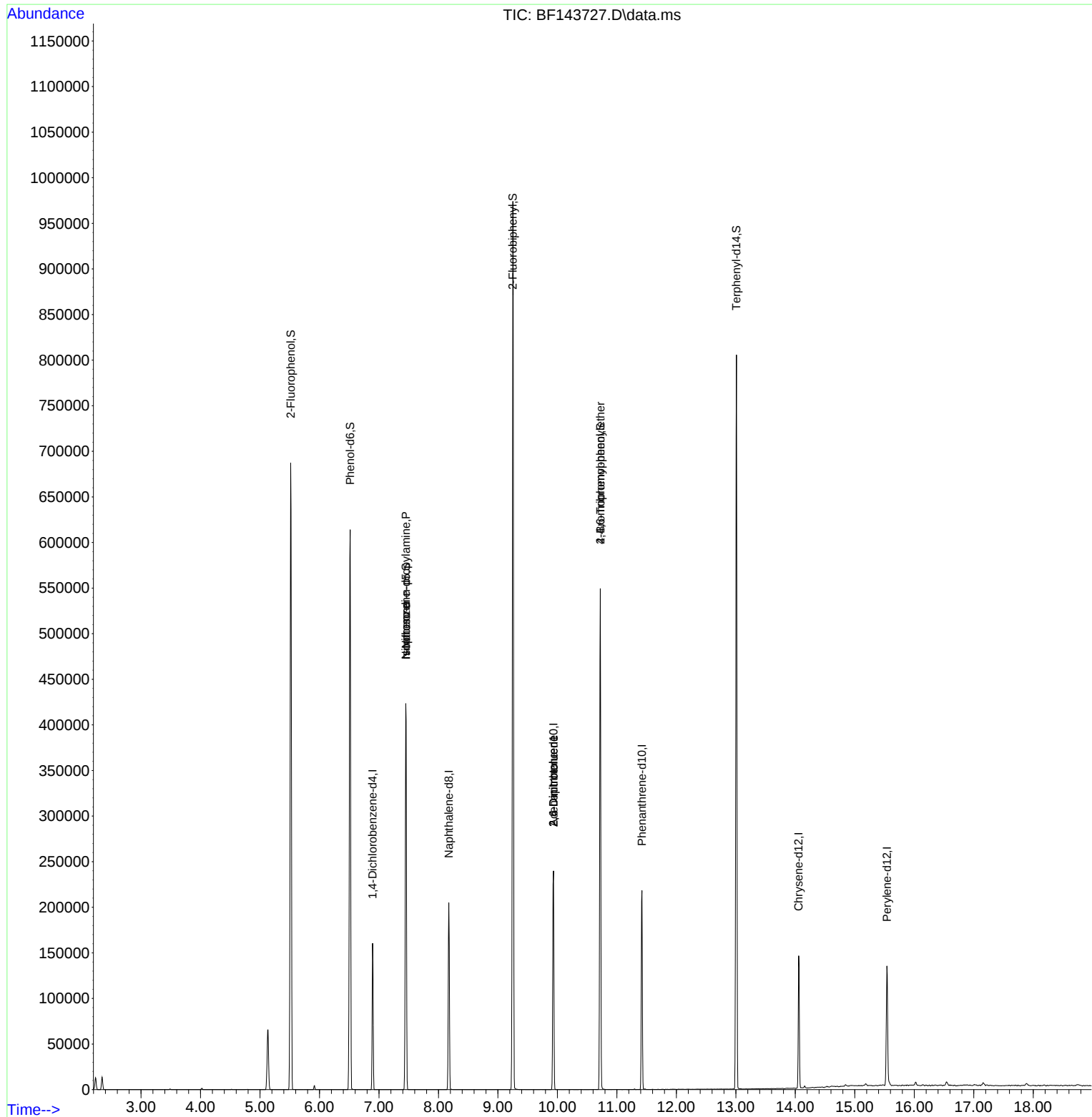
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 35136    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 136153   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 76475    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.422 | 188  | 119403   | 20.000  | ng    | 0.01     |
| 76) Chrysene-d12              | 14.057 | 240  | 74214    | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 15.539 | 264  | 80815    | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 287595   | 139.651 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.516  | 99   | 345905   | 137.948 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 207432   | 94.764  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 103967   | 134.900 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 478509   | 94.520  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 415201   | 90.662  | ng    | 0.02     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 27273    | 17.710  | ng    | # 77     |
| 25) Isophorone                | 7.451  | 82   | 207161   | 49.355  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 9716     | 10.213  | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 9716     | 7.504   | ng    | # 27     |
| 67) 4-Bromophenyl-phenylether | 10.722 | 248  | 6780     | 4.709   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

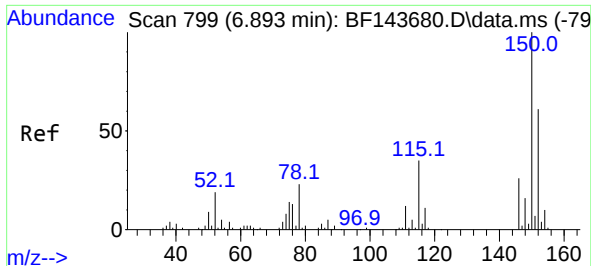
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
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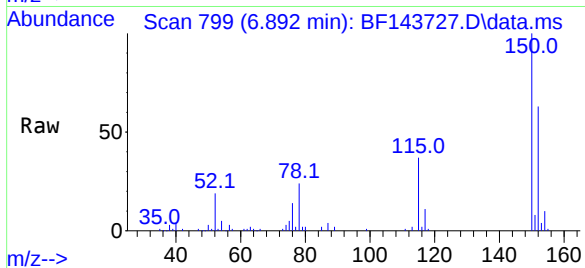
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 09 15:20:16 2025  
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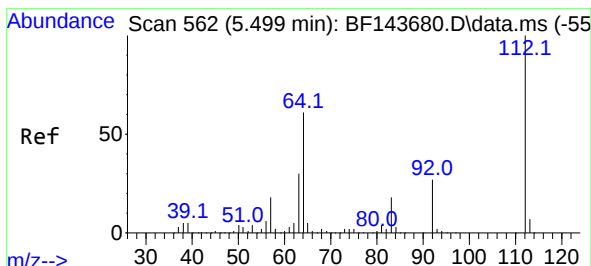
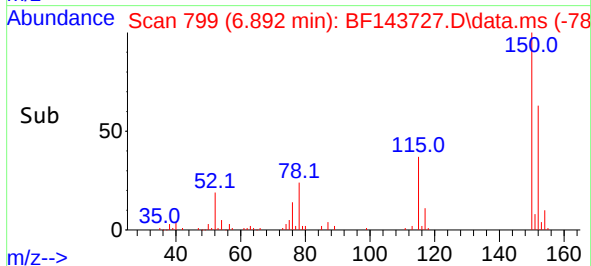
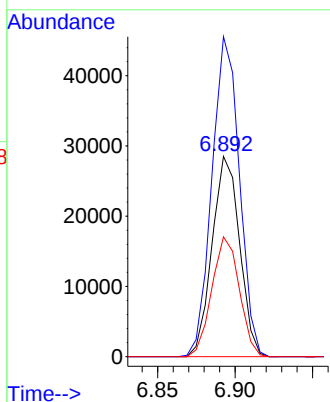


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 799  
Delta R.T. -0.001 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB169589TB

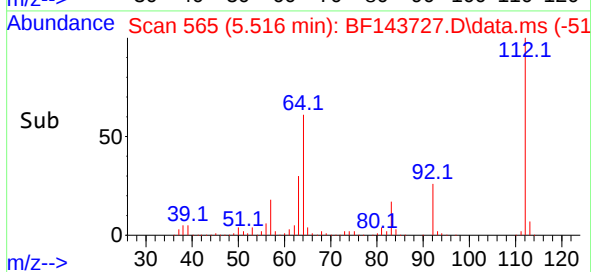
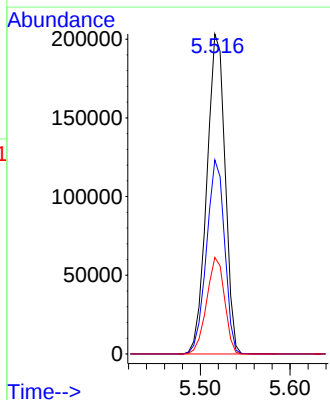
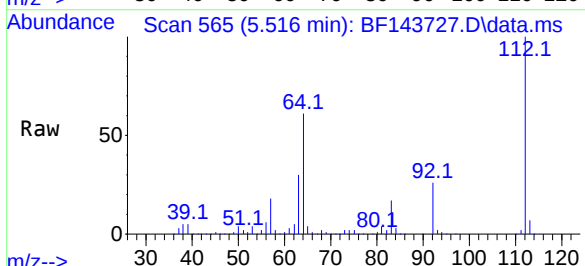


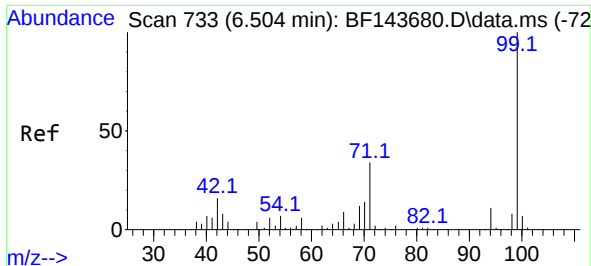
Tgt Ion:152 Resp: 35136  
Ion Ratio Lower Upper  
152 100  
150 159.7 130.7 196.1  
115 59.8 45.9 68.9



#5  
2-Fluorophenol  
Concen: 139.651 ng  
RT: 5.516 min Scan# 565  
Delta R.T. 0.018 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Tgt Ion:112 Resp: 287595  
Ion Ratio Lower Upper  
112 100  
64 60.7 49.0 73.4  
63 30.2 24.3 36.5

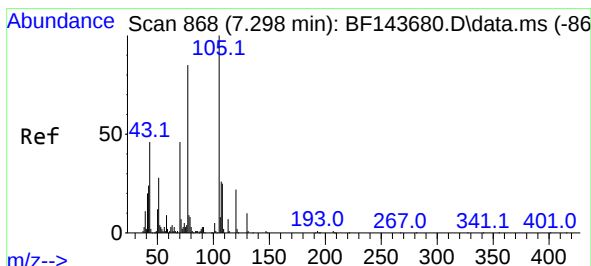
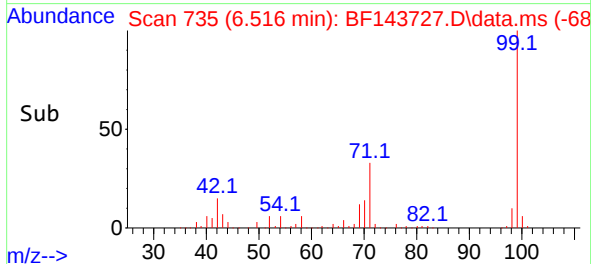
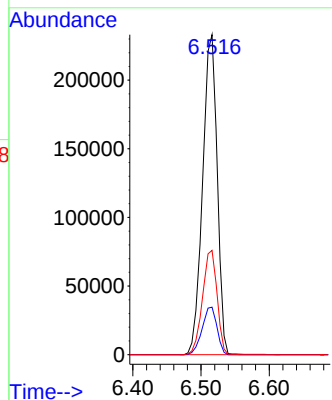
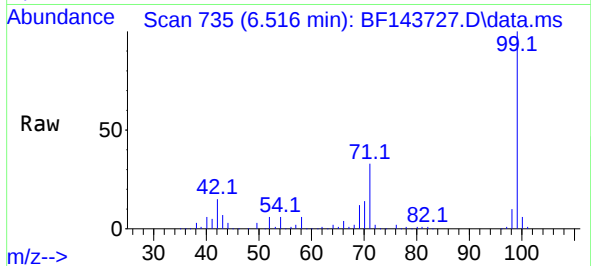




#7  
Phenol-d6  
Concen: 137.948 ng  
RT: 6.516 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

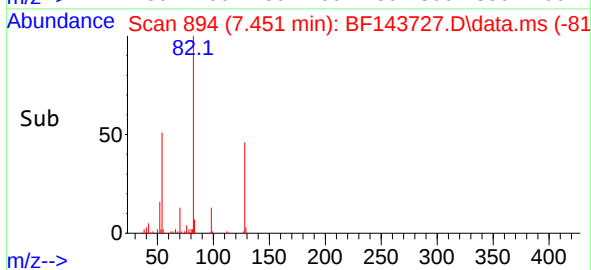
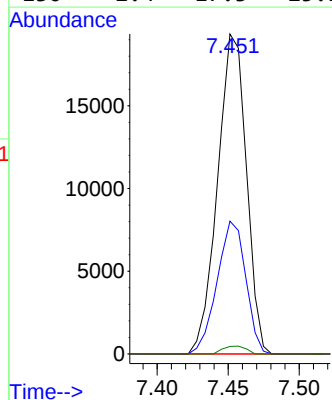
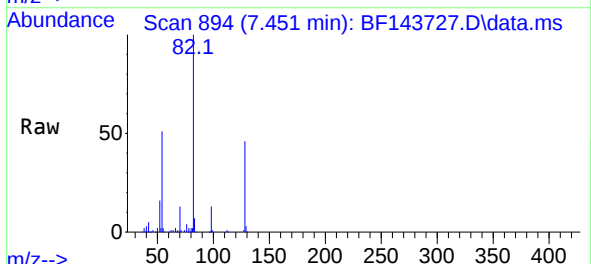
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BNA\_F  
ClientSampleId :  
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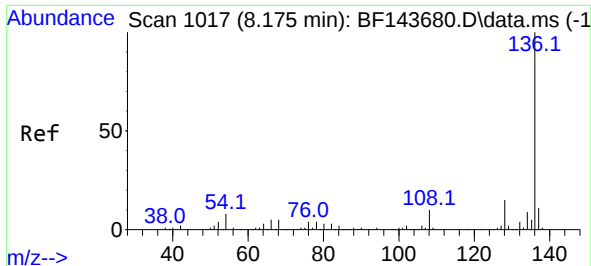
Tgt Ion: 99 Resp: 345905  
Ion Ratio Lower Upper  
99 100  
42 14.9 13.0 19.4  
71 32.6 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.710 ng  
RT: 7.451 min Scan# 894  
Delta R.T. 0.153 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Tgt Ion: 70 Resp: 27273  
Ion Ratio Lower Upper  
70 100  
42 41.5 41.4 62.2  
101 0.0 8.1 12.1#  
130 2.4 17.3 25.9#

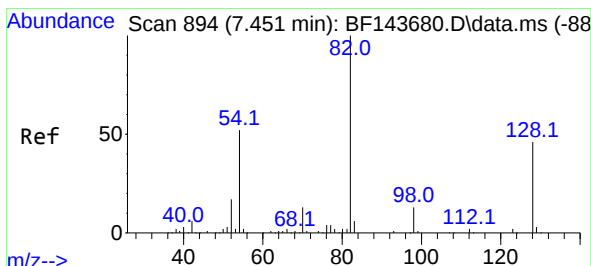
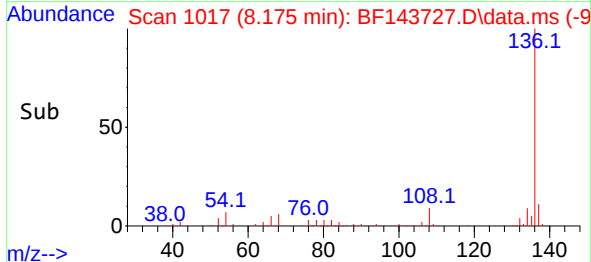
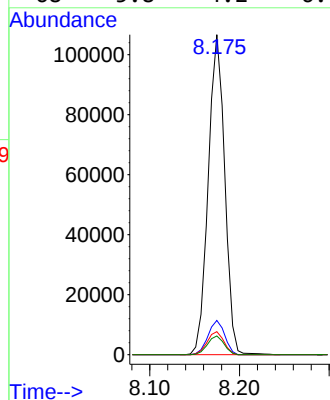
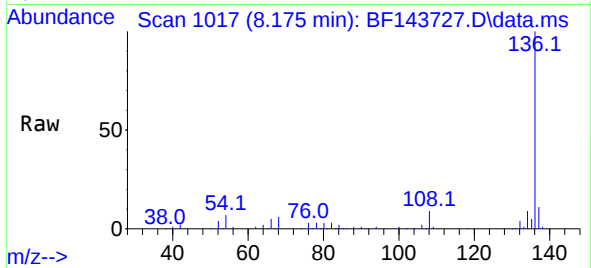




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

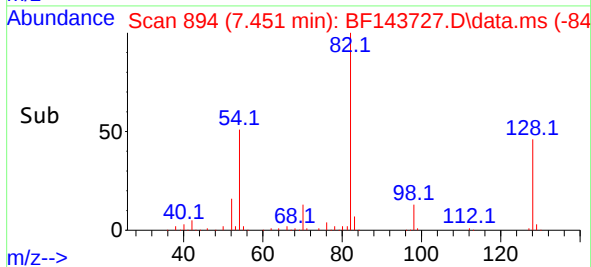
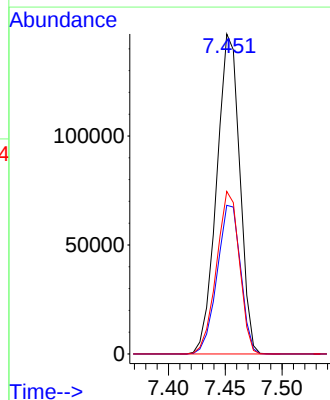
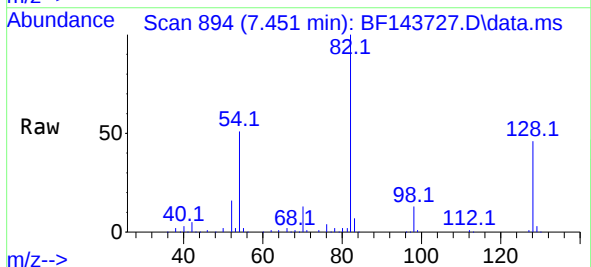
Instrument :  
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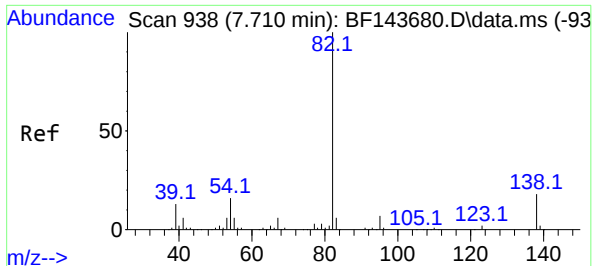
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 136153 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.7   | 13.1   |
| 54       | 7.2   | 6.2   | 9.2    |
| 68       | 5.8   | 4.2   | 6.4    |



#23  
Nitrobenzene-d5  
Concen: 94.764 ng  
RT: 7.451 min Scan# 894  
Delta R.T. -0.000 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 207432 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 46.5  | 37.0  | 55.4   |
| 54       | 50.8  | 41.8  | 62.8   |

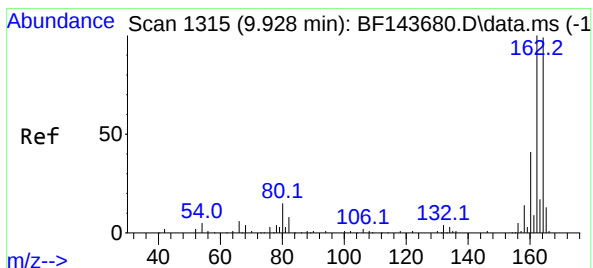
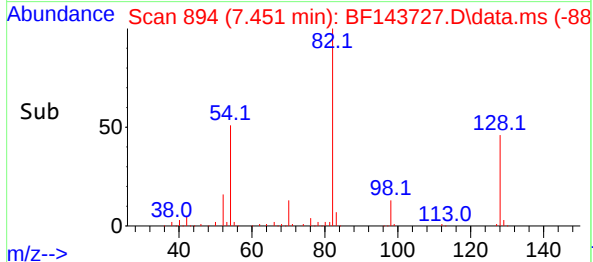
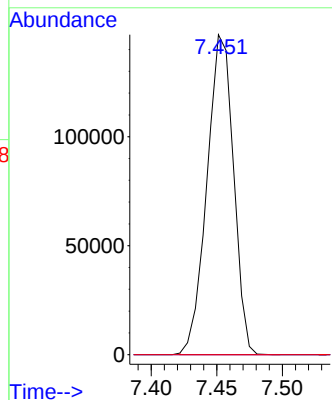
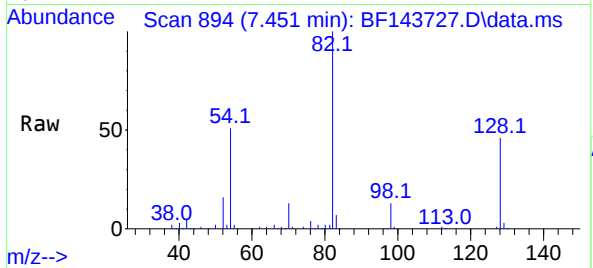




#25  
Isophorone  
Concen: 49.355 ng  
RT: 7.451 min Scan# 894  
Delta R.T. -0.259 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

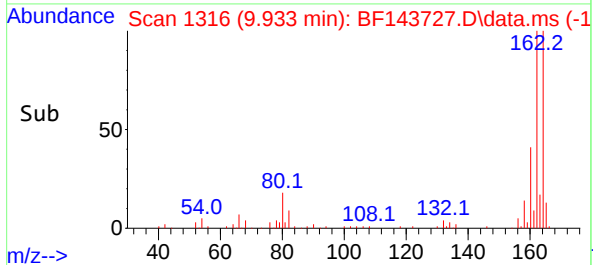
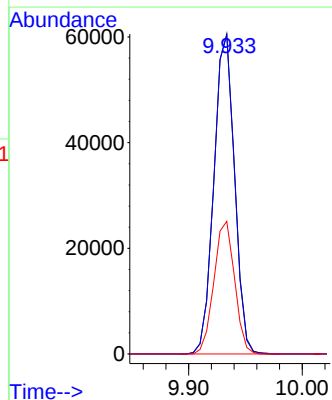
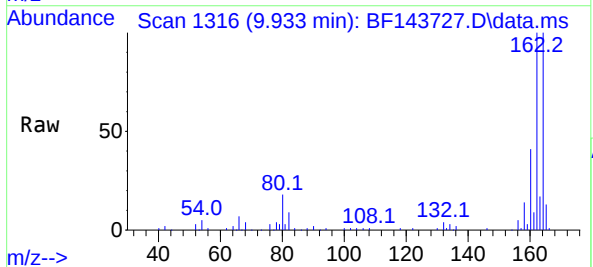
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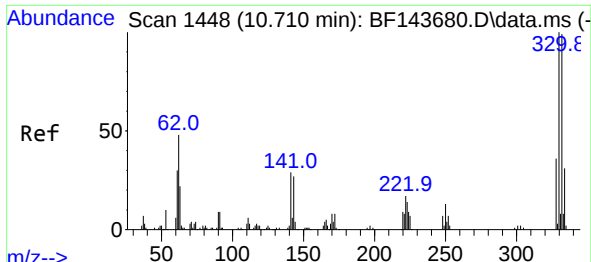
Tgt Ion: 82 Resp: 207161  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.8 22.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

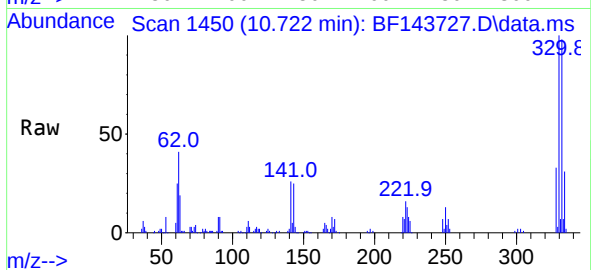
Tgt Ion:164 Resp: 76475  
Ion Ratio Lower Upper  
164 100  
162 99.6 80.6 121.0  
160 41.5 33.0 49.4



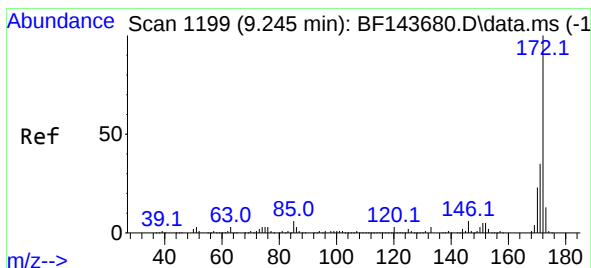
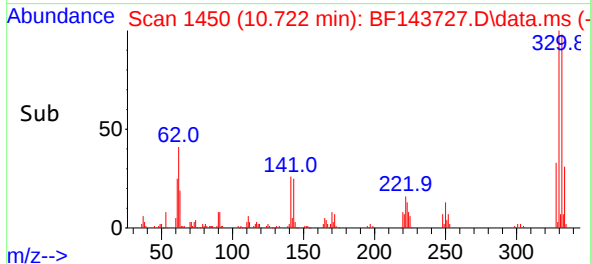
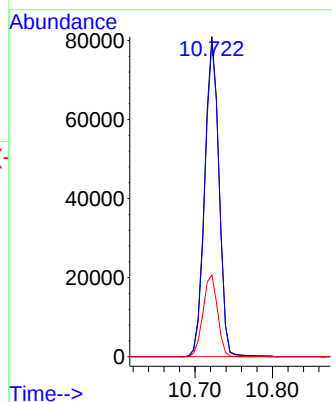


#42  
2,4,6-Tribromophenol  
Concen: 134.900 ng  
RT: 10.722 min Scan# 1448  
Delta R.T. 0.012 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB169589TB

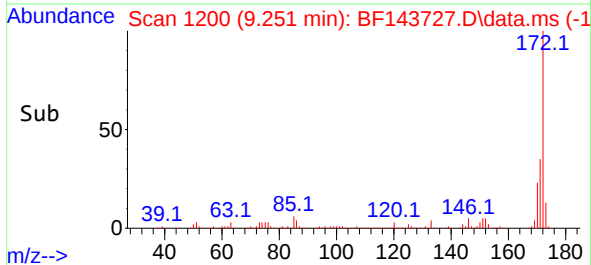
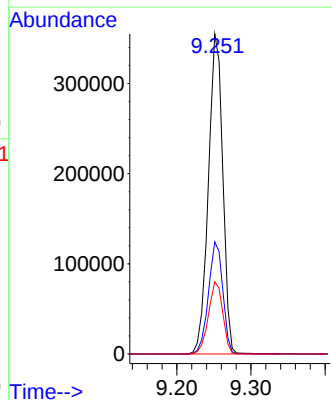
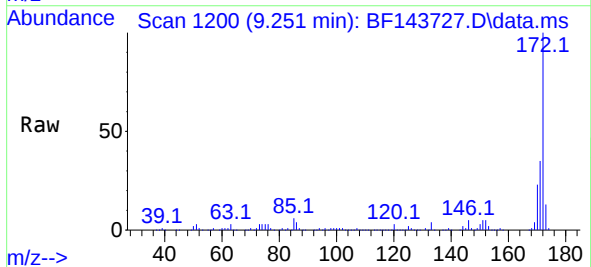


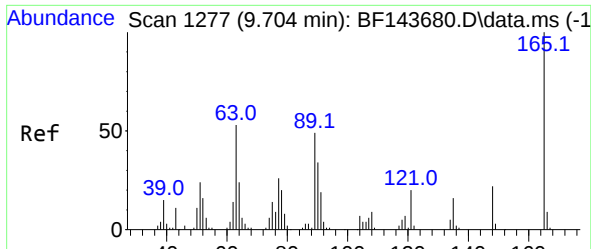
Tgt Ion:330 Resp: 103967  
Ion Ratio Lower Upper  
330 100  
332 97.6 79.2 118.8  
141 25.7 22.2 33.4



#45  
2-Fluorobiphenyl  
Concen: 94.520 ng  
RT: 9.251 min Scan# 1200  
Delta R.T. 0.006 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Tgt Ion:172 Resp: 478509  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.9 41.9  
170 22.5 18.6 27.8

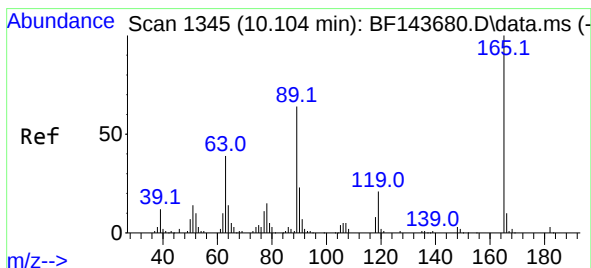
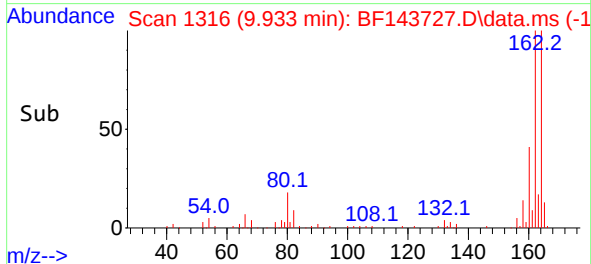
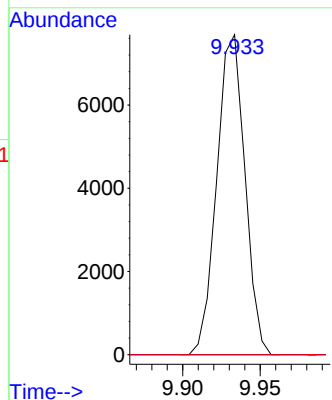
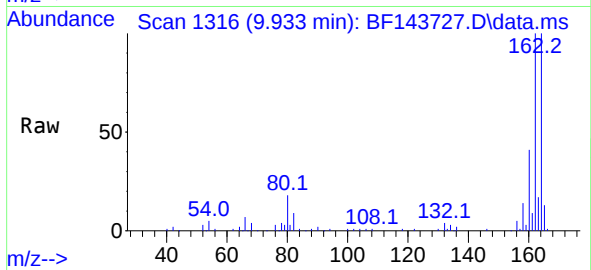




#51  
2,6-Dinitrotoluene  
Concen: 10.213 ng  
RT: 9.933 min Scan# 11  
Delta R.T. 0.229 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

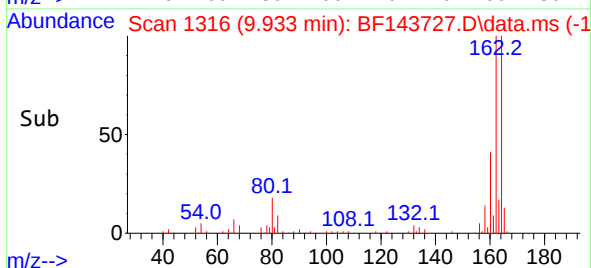
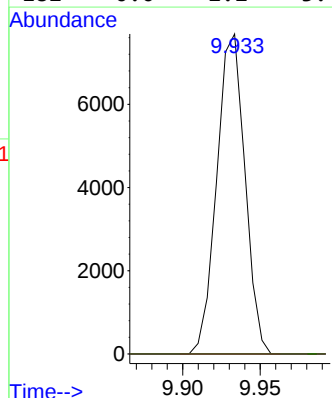
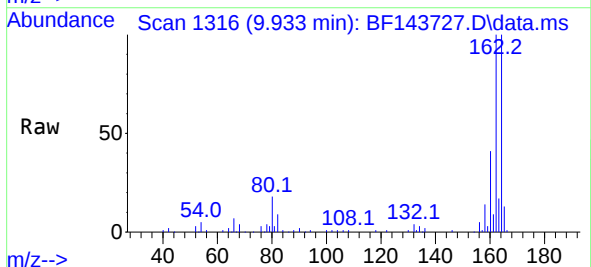
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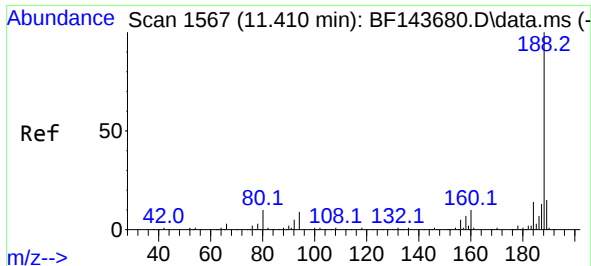
Tgt Ion:165 Resp: 9716  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.2 63.4#  
89 0.0 39.3 58.9#



#57  
2,4-Dinitrotoluene  
Concen: 7.504 ng  
RT: 9.933 min Scan# 1316  
Delta R.T. -0.171 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Tgt Ion:165 Resp: 9716  
Ion Ratio Lower Upper  
165 100  
63 0.0 31.5 47.3#  
89 0.0 51.3 76.9#  
182 0.0 2.2 3.4#

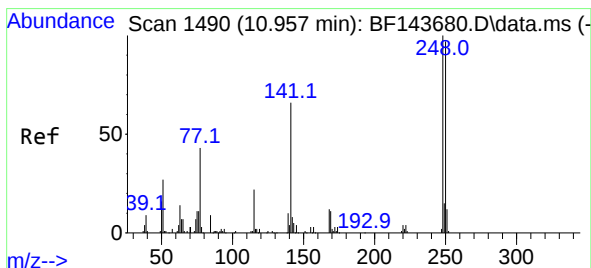
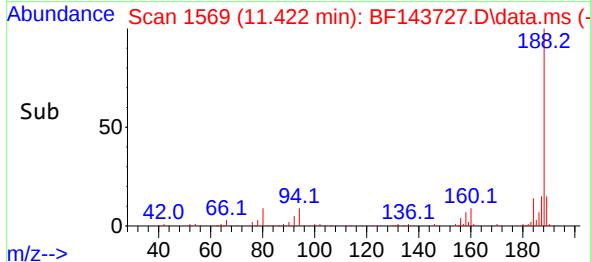
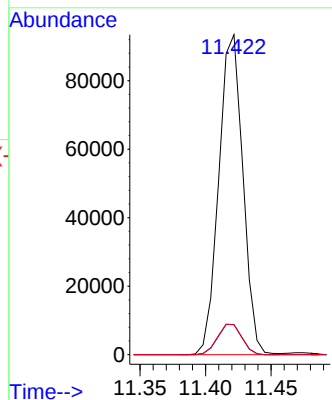
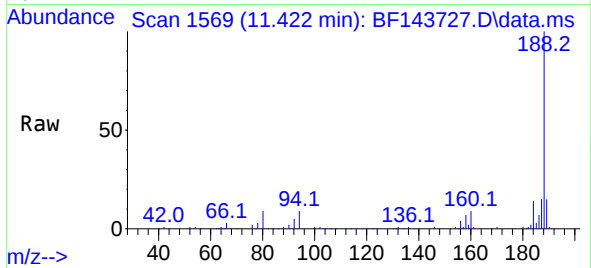




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

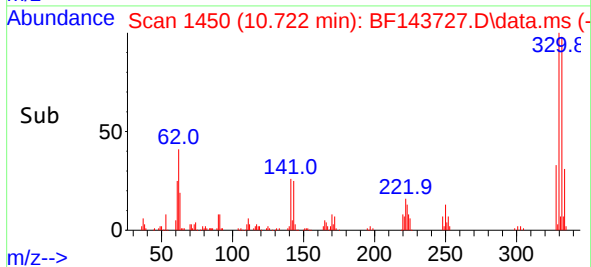
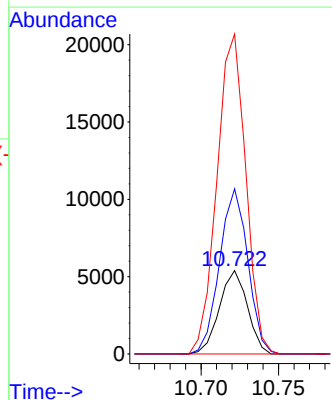
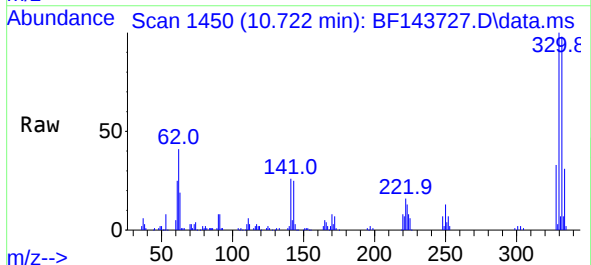
Instrument :  
BNA\_F  
ClientSampleId :  
PB169589TB

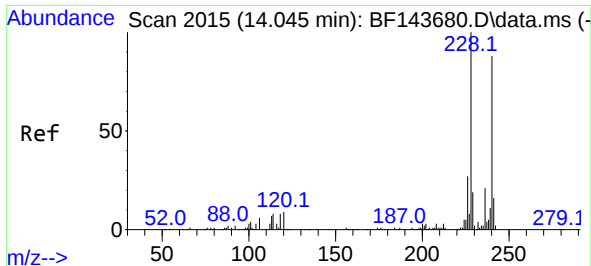
Tgt Ion:188 Resp: 119403  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.4 11.0  
80 9.3 7.7 11.5



#67  
4-Bromophenyl-phenylether  
Concen: 4.709 ng  
RT: 10.722 min Scan# 1450  
Delta R.T. -0.235 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Tgt Ion:248 Resp: 6780  
Ion Ratio Lower Upper  
248 100  
250 197.9 77.5 116.3#  
141 383.5 52.6 79.0#

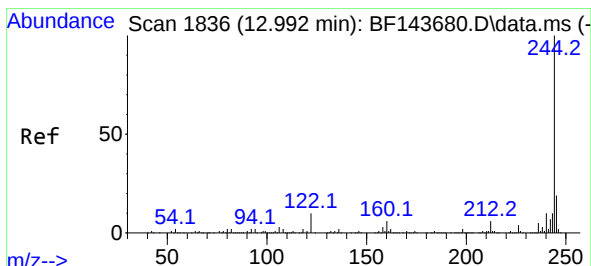
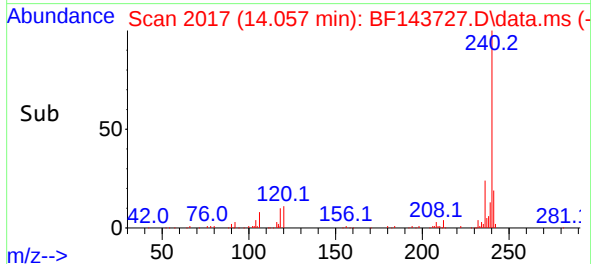
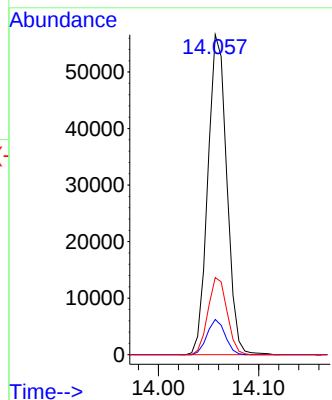
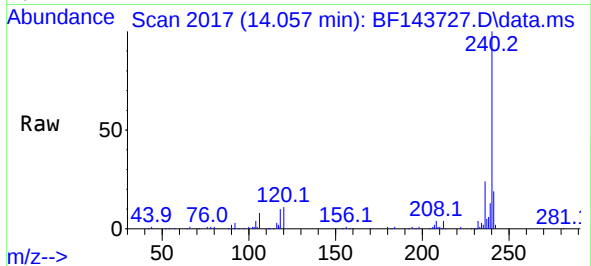




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2015  
Delta R.T. 0.012 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

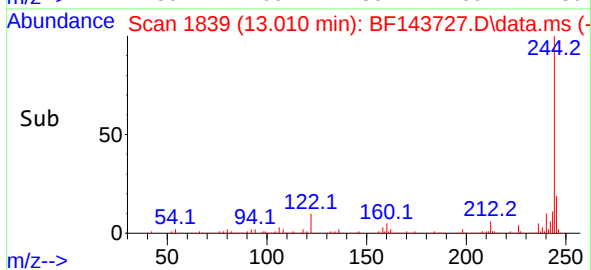
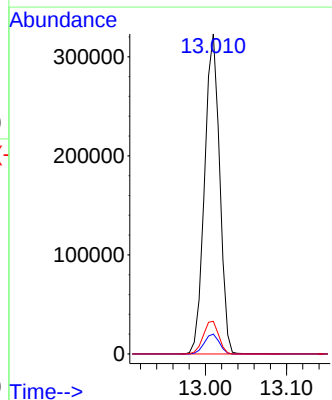
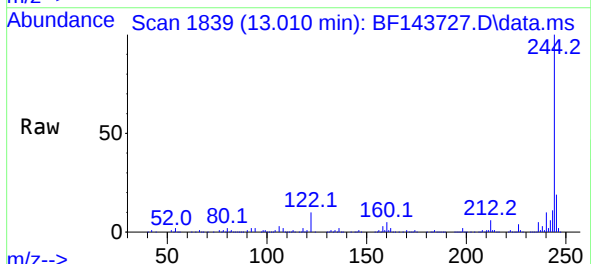
Instrument :  
BNA\_F  
ClientSampleId :  
PB169589TB

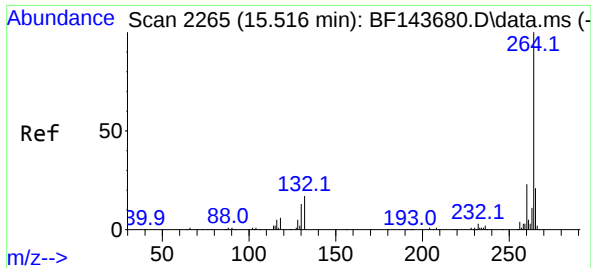
Tgt Ion:240 Resp: 74214  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.4 12.6  
236 24.1 18.6 28.0



#79  
Terphenyl-d14  
Concen: 90.662 ng  
RT: 13.010 min Scan# 1839  
Delta R.T. 0.018 min  
Lab File: BF143727.D  
Acq: 12 Sep 2025 12:11

Tgt Ion:244 Resp: 415201  
Ion Ratio Lower Upper  
244 100  
212 6.2 5.0 7.6  
122 10.2 7.9 11.9





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 21  
 Delta R.T. 0.023 min  
 Lab File: BF143727.D  
 Acq: 12 Sep 2025 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169589TB

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 80815       |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 23.4  | 18.4 27.6   |
| 265         | 21.1  | 17.1 25.7   |

