

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062625\  
 Data File : BF142868.D  
 Acq On : 26 Jun 2025 15:07  
 Operator : RC/JU  
 Sample : Q2399-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-7

Quant Time: Jun 26 15:37:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

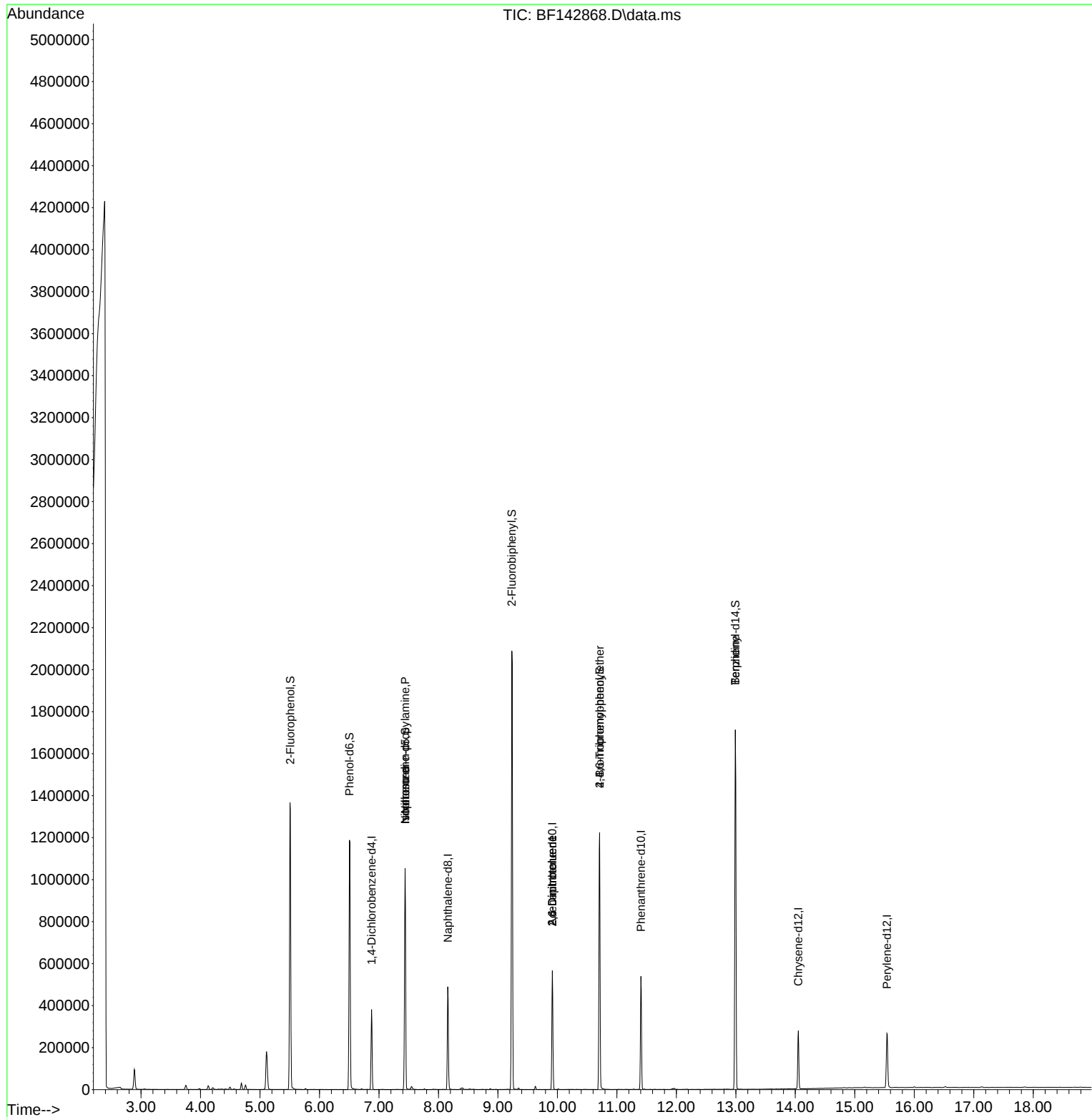
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 82039    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 315871   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.916  | 164  | 168001   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 280063   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 138201   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 162551   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 549170   | 111.450 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.504  | 99   | 587732   | 101.098 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 461739   | 80.181  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 218361   | 126.305 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 976229   | 76.336  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.992 | 244  | 846621   | 84.643  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 61661    | 18.237  | ng    | # 76     |
| 25) Isophorone                | 7.439  | 82   | 461734   | 49.983  | ng    | # 62     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 21428    | 8.972   | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 21428    | 6.755   | ng    | # 27     |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 13824    | 4.337   | ng    | # 1      |
| 77) Benzidine                 | 12.992 | 184  | 10846    | 2.089   | ng    | # 91     |
| -----                         |        |      |          |         |       |          |

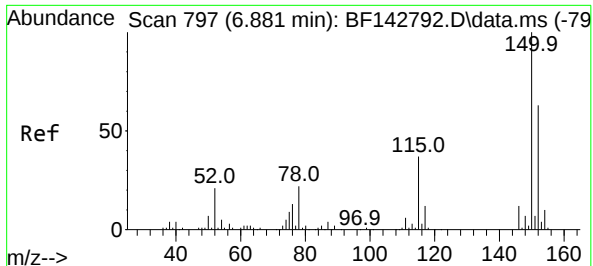
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062625\  
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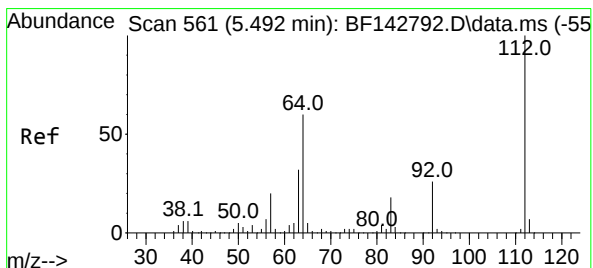
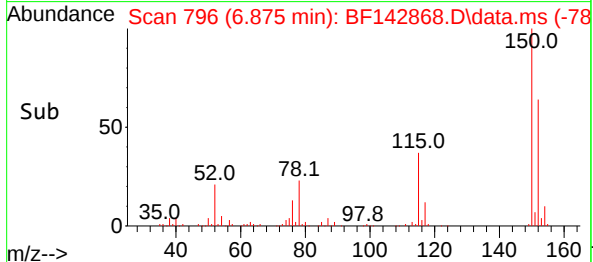
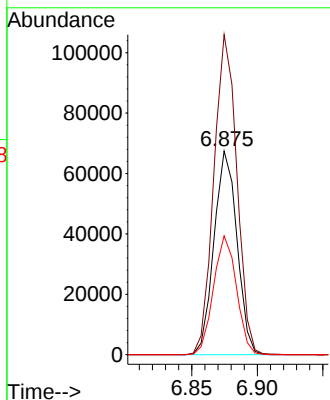
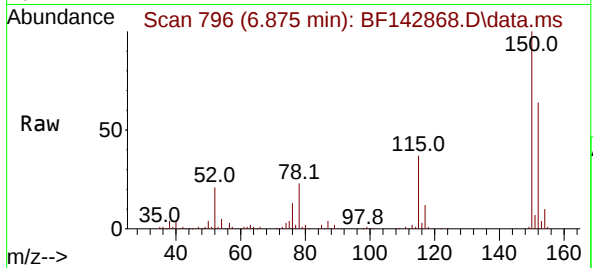




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

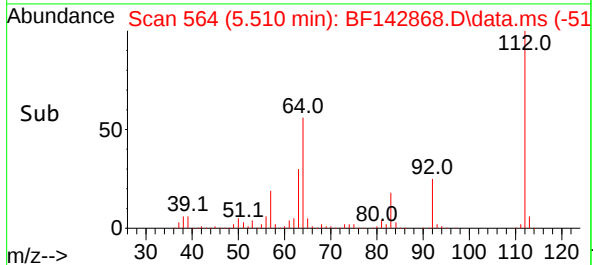
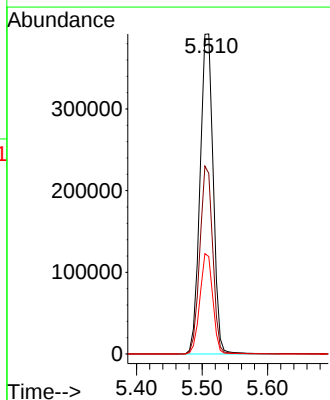
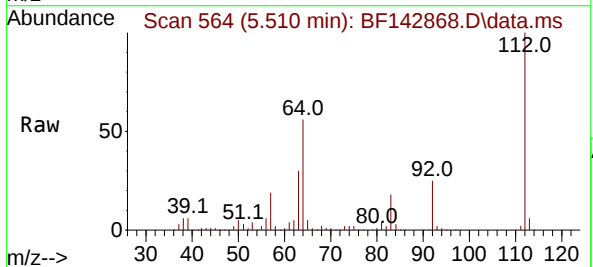
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BNA\_F  
ClientSampleId :  
EP-7

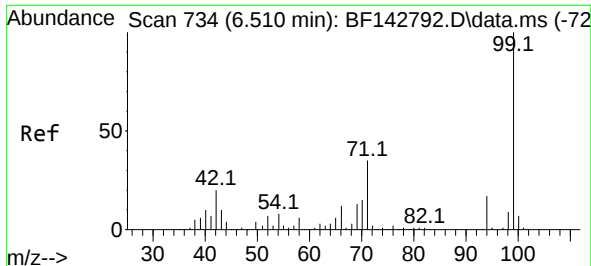
Tgt Ion:152 Resp: 82039  
Ion Ratio Lower Upper  
152 100  
150 157.2 127.2 190.8  
115 58.4 46.6 69.8



#5  
2-Fluorophenol  
Concen: 111.450 ng  
RT: 5.510 min Scan# 564  
Delta R.T. 0.018 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

Tgt Ion:112 Resp: 549170  
Ion Ratio Lower Upper  
112 100  
64 56.5 48.2 72.2  
63 30.4 25.7 38.5

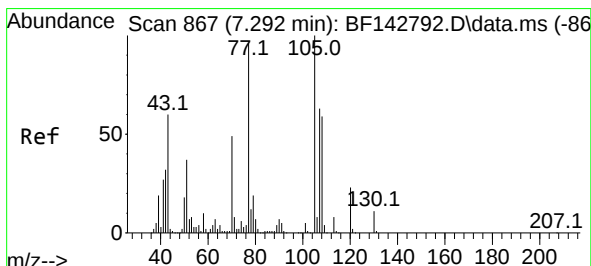
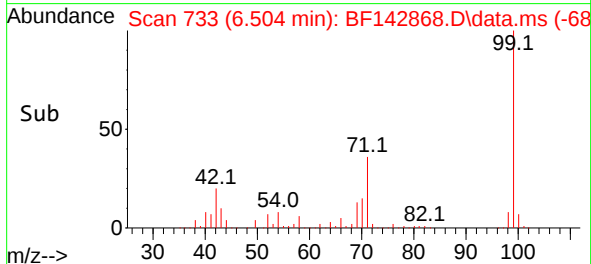
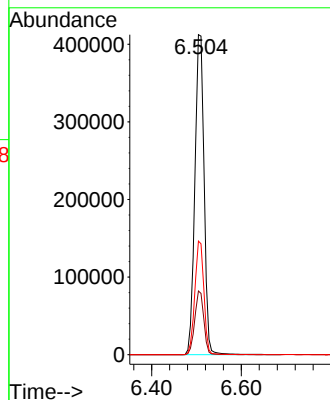
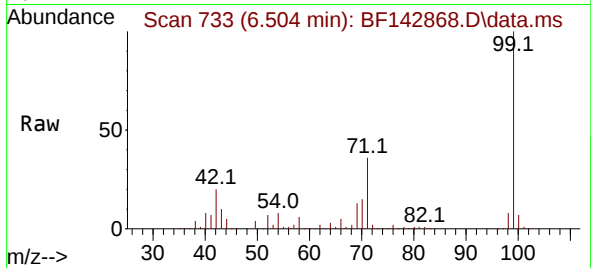




#7  
Phenol-d6  
Concen: 101.098 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

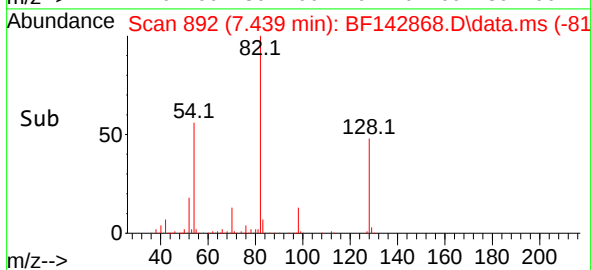
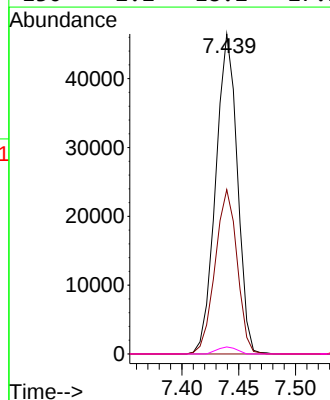
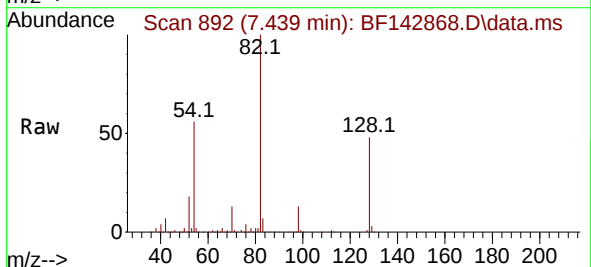
Instrument :  
BNA\_F  
ClientSampleId :  
EP-7

Tgt Ion: 99 Resp: 587732  
Ion Ratio Lower Upper  
99 100  
42 19.9 15.9 23.9  
71 35.5 27.8 41.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.237 ng  
RT: 7.439 min Scan# 892  
Delta R.T. 0.147 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

Tgt Ion: 70 Resp: 61661  
Ion Ratio Lower Upper  
70 100  
42 51.4 52.1 78.1#  
101 0.0 8.2 12.2#  
130 2.2 18.2 27.2#

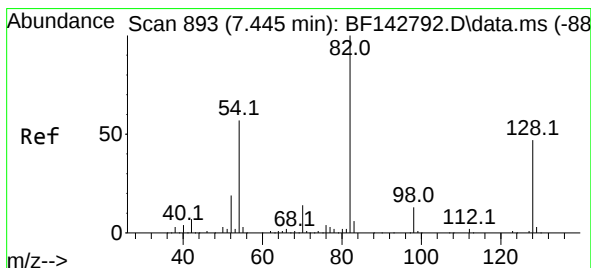
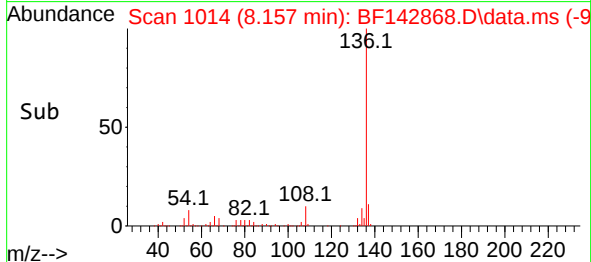
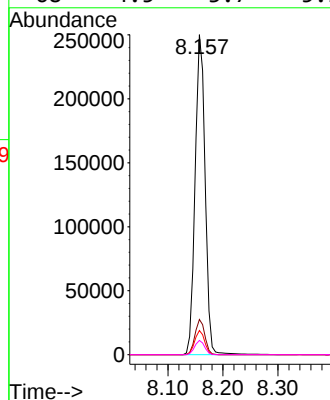
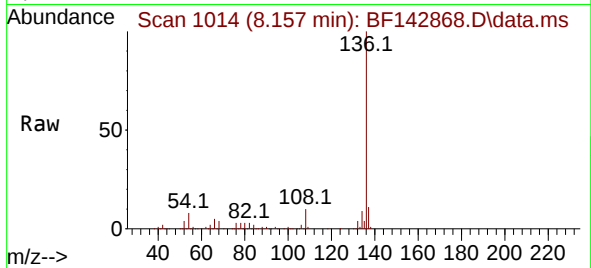




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

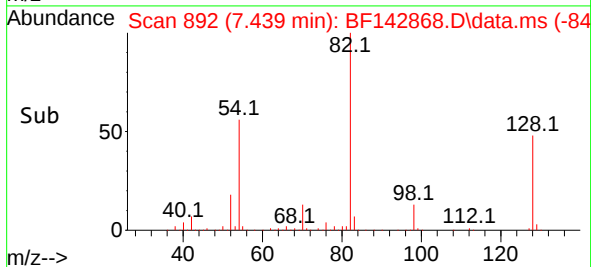
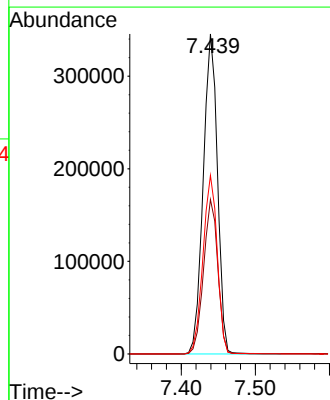
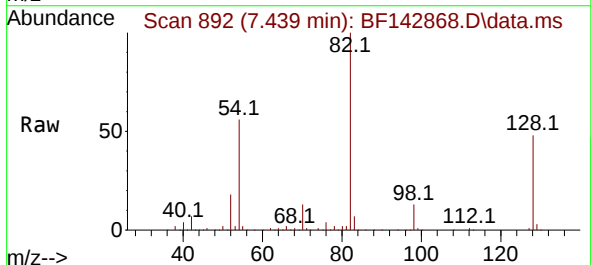
Instrument :  
BNA\_F  
ClientSampleId :  
EP-7

Tgt Ion:136 Resp: 315871  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 7.6 6.3 9.5  
68 4.5 3.7 5.5



#23  
Nitrobenzene-d5  
Concen: 80.181 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

Tgt Ion: 82 Resp: 461739  
Ion Ratio Lower Upper  
82 100  
128 48.2 37.7 56.5  
54 55.8 45.7 68.5

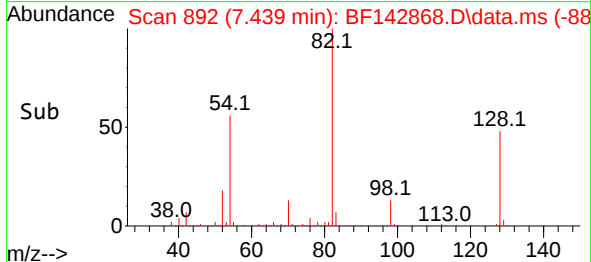
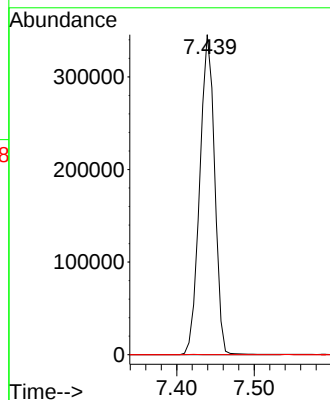
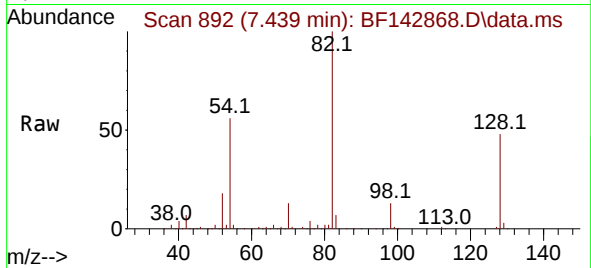




#25  
Isophorone  
Concen: 49.983 ng  
RT: 7.439 min Scan# 89  
Delta R.T. -0.265 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

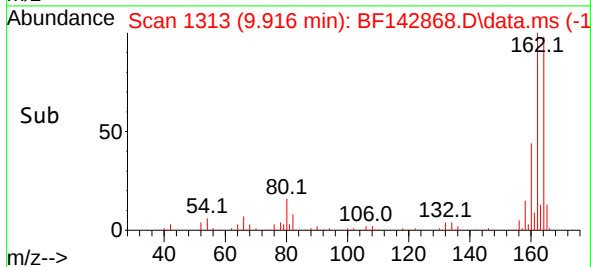
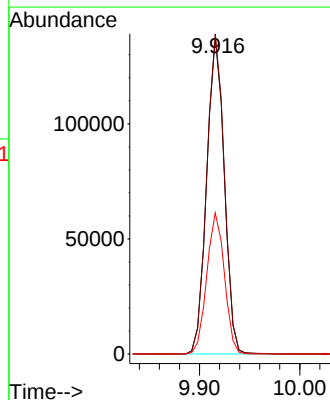
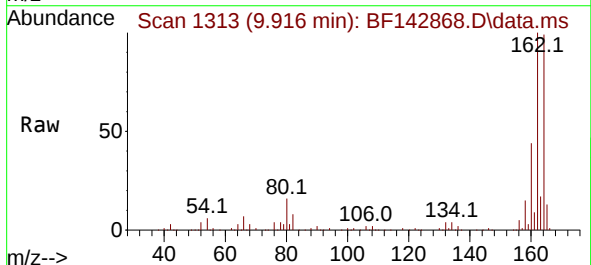
Instrument :  
BNA\_F  
ClientSampleId :  
EP-7

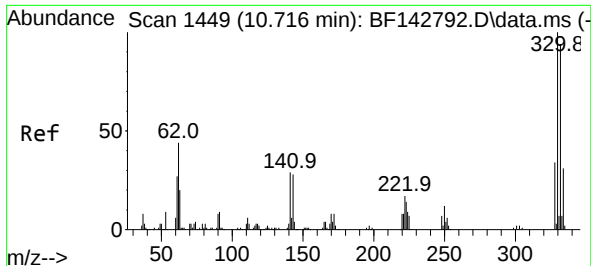
Tgt Ion: 82 Resp: 461734  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.2#  
138 0.0 16.2 24.4#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

Tgt Ion: 164 Resp: 168001  
Ion Ratio Lower Upper  
164 100  
162 101.2 81.8 122.8  
160 44.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 126.305 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142868.D

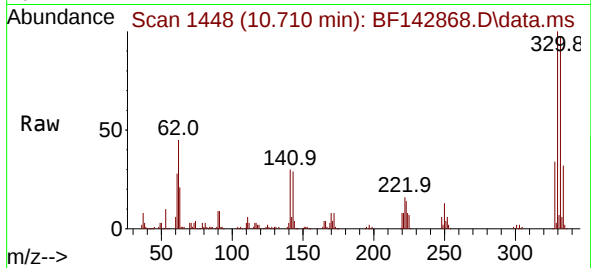
Acq: 26 Jun 2025 15:07

Instrument :

BNA\_F

ClientSampleId :

EP-7



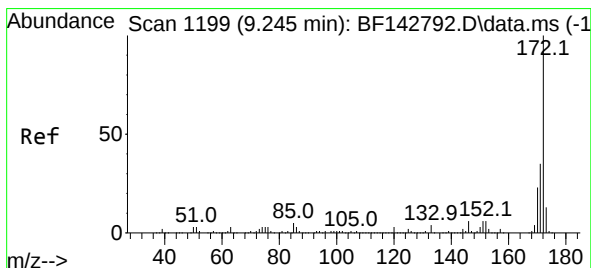
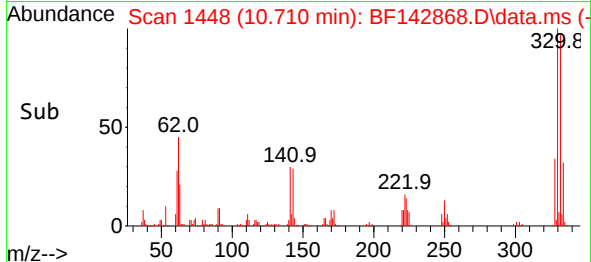
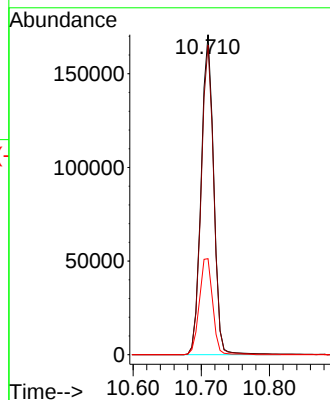
Tgt Ion:330 Resp: 218361

Ion Ratio Lower Upper

330 100

332 97.1 75.0 112.6

141 31.8 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 76.336 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142868.D

Acq: 26 Jun 2025 15:07

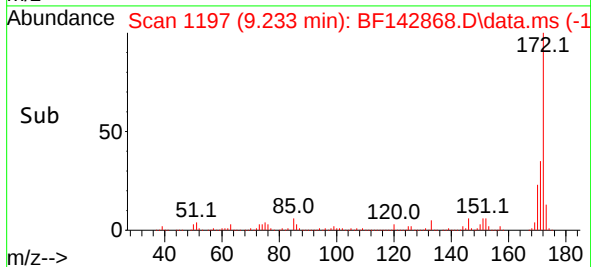
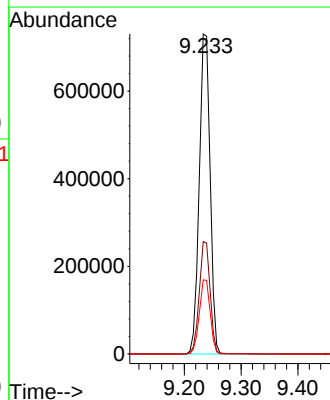
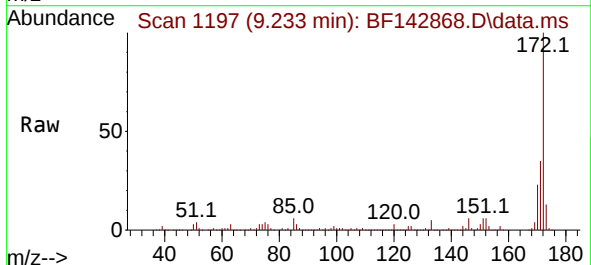
Tgt Ion:172 Resp: 976229

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.5 27.7

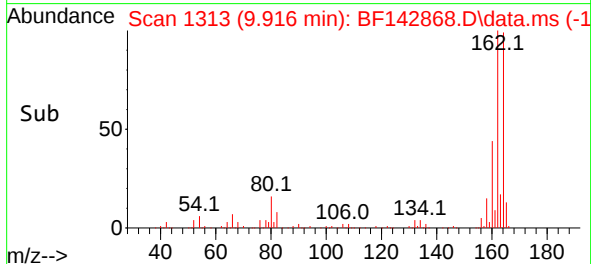
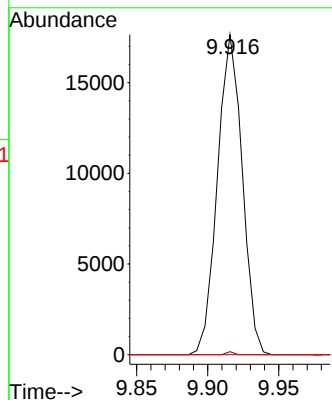
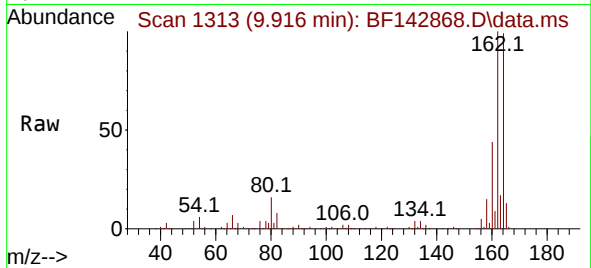




#51  
2,6-Dinitrotoluene  
Concen: 8.972 ng  
RT: 9.916 min Scan# 1313  
Delta R.T. 0.212 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

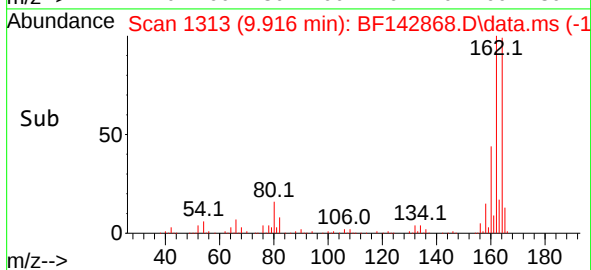
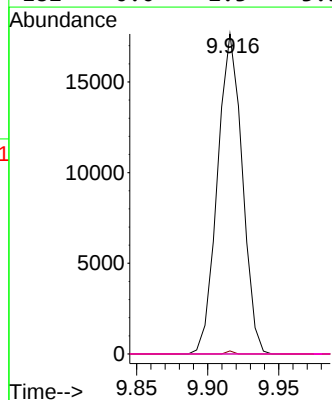
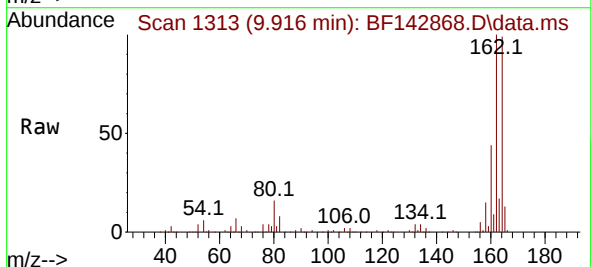
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EP-7

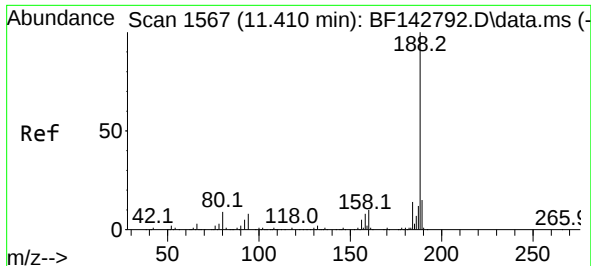
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Ion Ratio Lower Upper  
165 100  
63 1.0 44.2 66.4#  
89 0.0 39.8 59.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.755 ng  
RT: 9.916 min Scan# 1313  
Delta R.T. -0.194 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

Tgt Ion:165 Resp: 21428  
Ion Ratio Lower Upper  
165 100  
63 1.0 33.9 50.9#  
89 0.0 50.6 75.8#  
182 0.0 2.3 3.5#

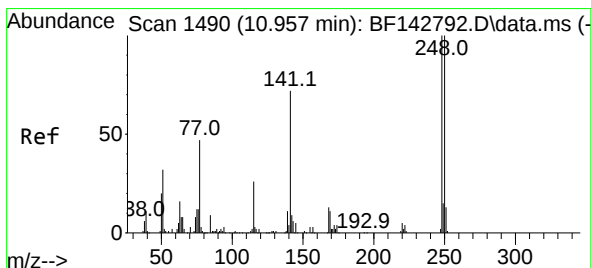
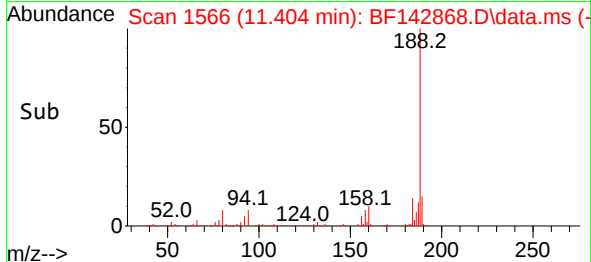
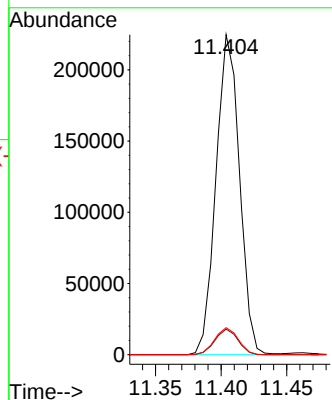
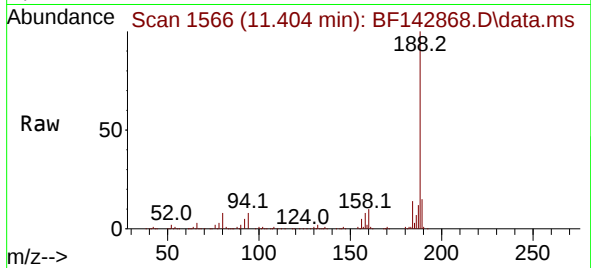




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

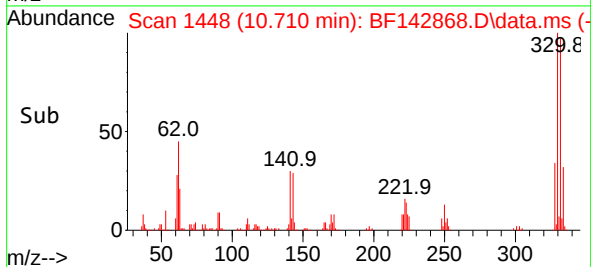
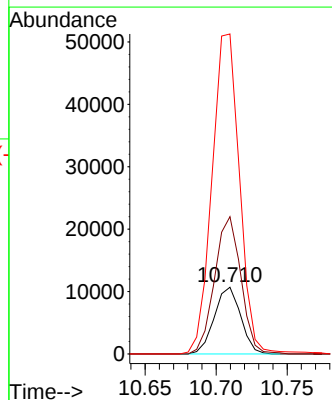
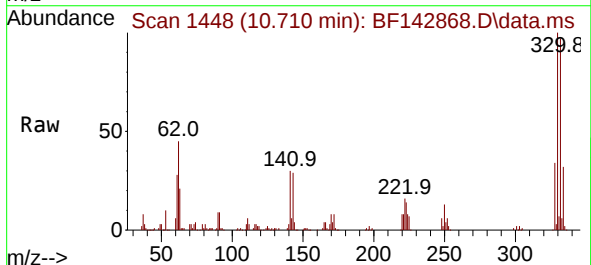
Instrument :  
BNA\_F  
ClientSampleId :  
EP-7

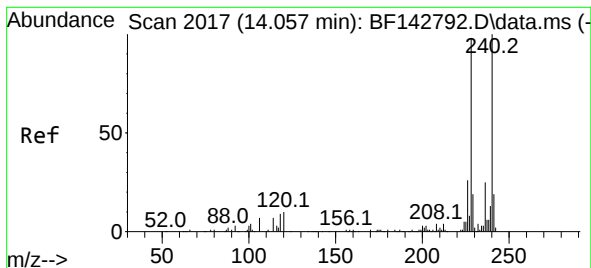
Tgt Ion:188 Resp: 280063  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.7 10.1  
80 8.5 6.9 10.3



#67  
4-Bromophenyl-phenylether  
Concen: 4.337 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.247 min  
Lab File: BF142868.D  
Acq: 26 Jun 2025 15:07

Tgt Ion:248 Resp: 13824  
Ion Ratio Lower Upper  
248 100  
250 205.6 79.8 119.8#  
141 479.1 57.8 86.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142868.D

Acq: 26 Jun 2025 15:07

Instrument :

BNA\_F

ClientSampleId :

EP-7

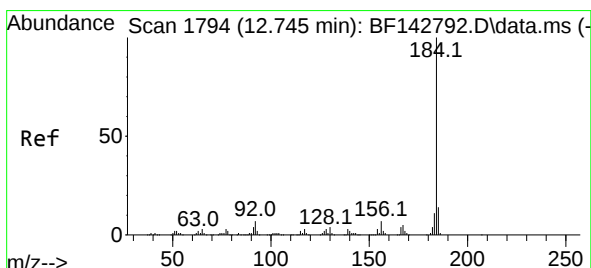
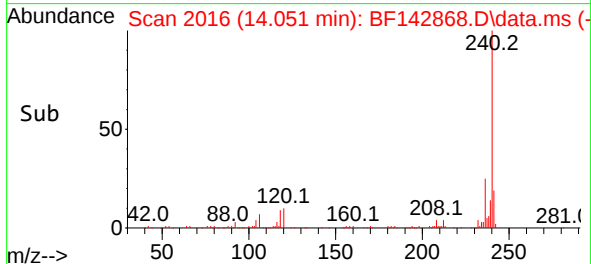
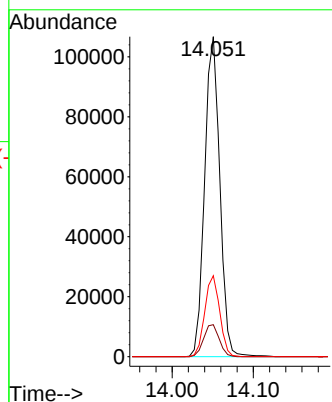
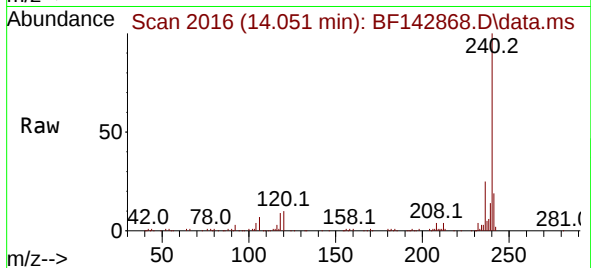
Tgt Ion:240 Resp: 138201

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 25.3 19.8 29.8



#77

Benzidine

Concen: 2.089 ng

RT: 12.992 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF142868.D

Acq: 26 Jun 2025 15:07

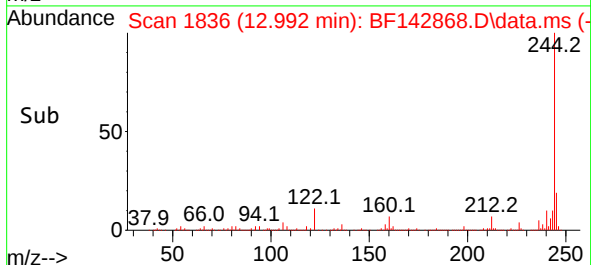
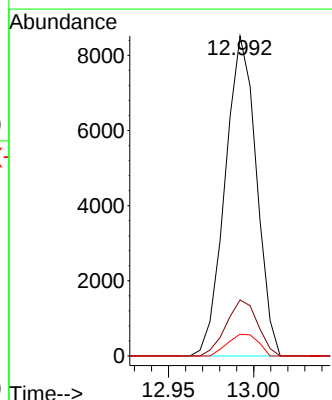
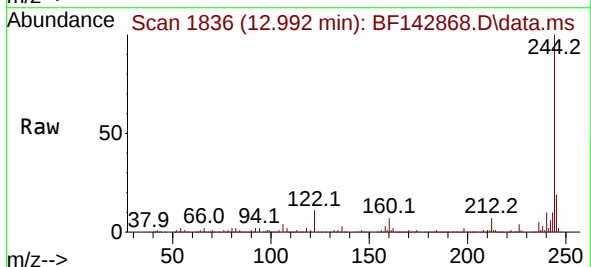
Tgt Ion:184 Resp: 10846

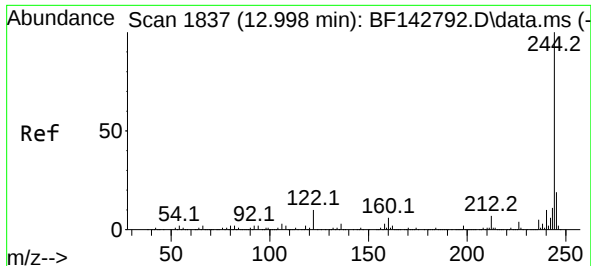
Ion Ratio Lower Upper

184 100

185 17.5 11.5 17.3#

183 6.8 9.0 13.4#

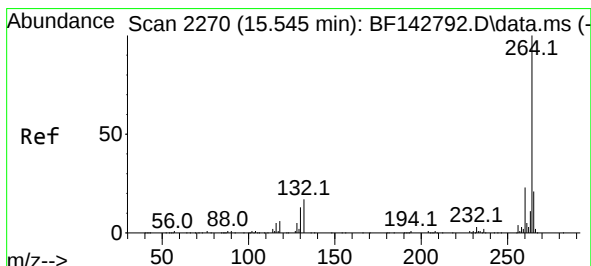
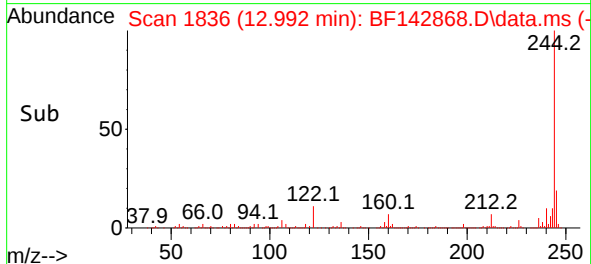
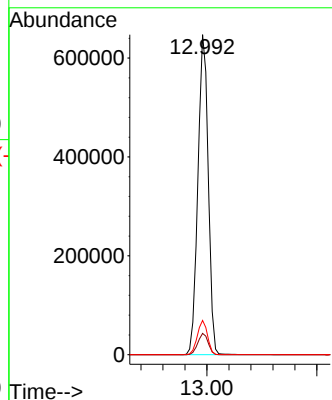
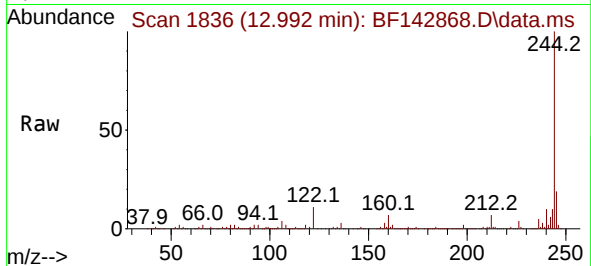




#79  
 Terphenyl-d14  
 Concen: 84.643 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF142868.D  
 Acq: 26 Jun 2025 15:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-7

Tgt Ion:244 Resp: 846621  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.0  
 122 10.7 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2269  
 Delta R.T. -0.006 min  
 Lab File: BF142868.D  
 Acq: 26 Jun 2025 15:07

Tgt Ion:264 Resp: 162551  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.1 27.1  
 265 21.5 16.6 25.0

