

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061825\  
 Data File : BF142785.D  
 Acq On : 18 Jun 2025 19:03  
 Operator : RC/JU  
 Sample : Q2341-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-3

Quant Time: Jun 19 02:13:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 11 05:56:09 2025  
 Response via : Initial Calibration

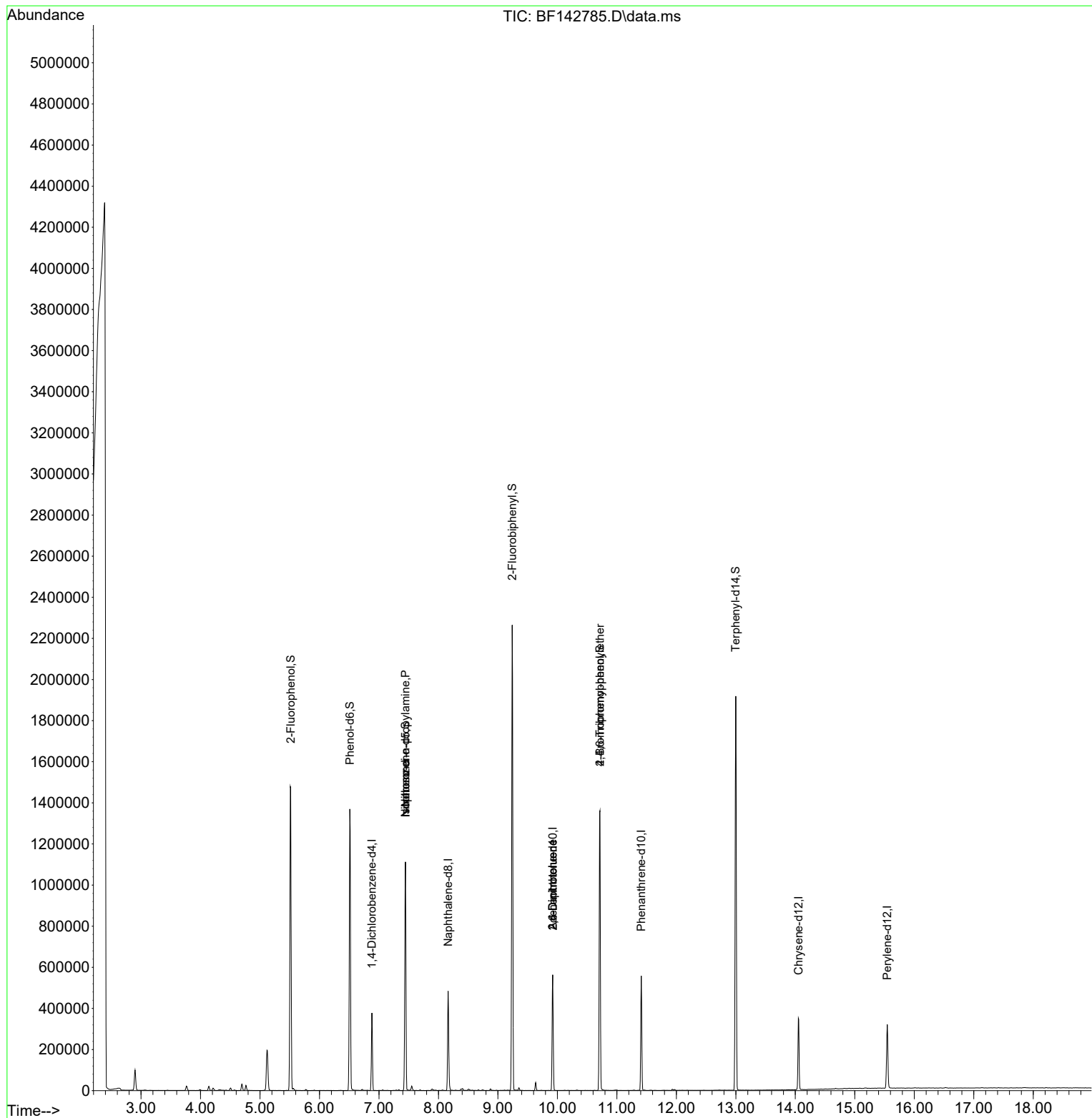
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 81097    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.163  | 136  | 312150   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.922  | 164  | 170225   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.410 | 188  | 285992   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.057 | 240  | 182238   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.545 | 264  | 184385   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 597936   | 125.574 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 654762   | 116.844 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 493742   | 86.565  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 253174   | 135.703 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1051181  | 82.042  | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.998 | 244  | 935175   | 70.480  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 67312    | 18.868  | ng    | # 76     |
| 25) Isophorone                | 7.445  | 82   | 492166   | 50.964  | ng    | # 63     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 21335    | 8.684   | ng    | # 30     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 21335    | 6.568   | ng    | # 28     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 15924    | 4.717   | ng    | # 1      |

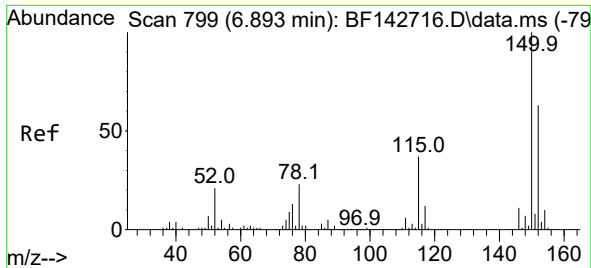
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061825\  
Data File : BF142785.D  
Acq On : 18 Jun 2025 19:03  
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Sample : Q2341-08  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EP-3

Quant Time: Jun 19 02:13:42 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 11 05:56:09 2025  
Response via : Initial Calibration

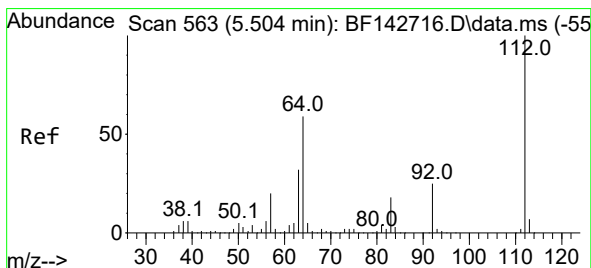
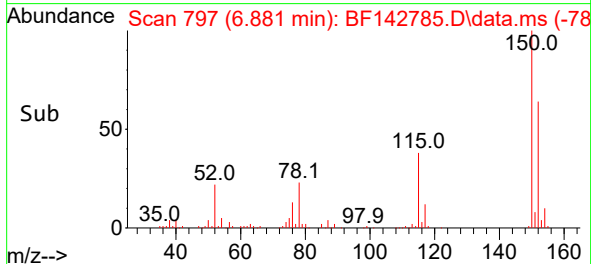
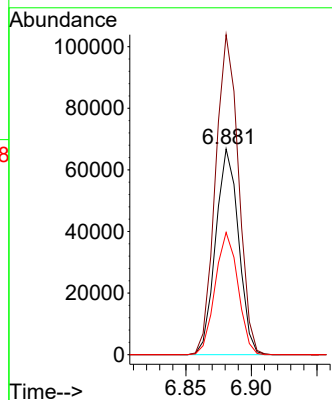
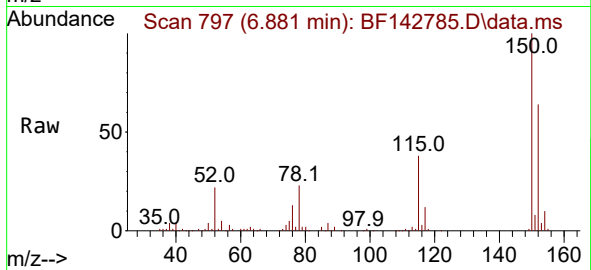




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 799  
Delta R.T. -0.012 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

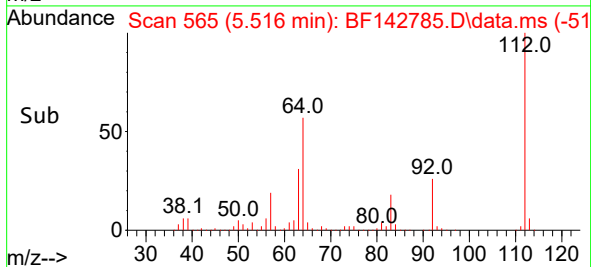
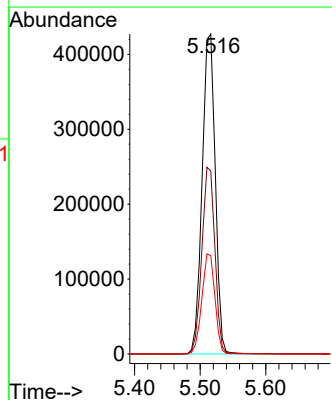
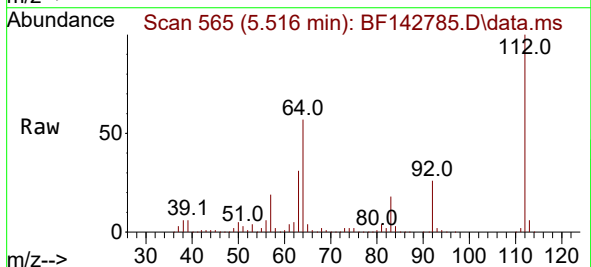
Instrument :  
BNA\_F  
ClientSampleId :  
EP-3

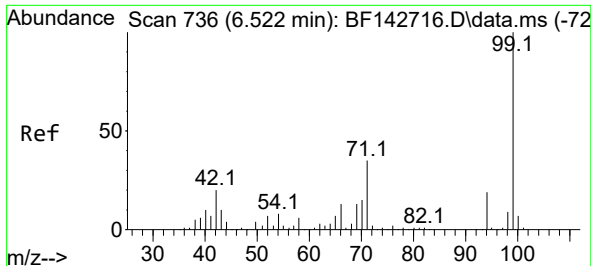
Tgt Ion:152 Resp: 81097  
Ion Ratio Lower Upper  
152 100  
150 155.5 126.9 190.3  
115 59.4 47.0 70.6



#5  
2-Fluorophenol  
Concen: 125.574 ng  
RT: 5.516 min Scan# 565  
Delta R.T. 0.012 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

Tgt Ion:112 Resp: 597936  
Ion Ratio Lower Upper  
112 100  
64 57.2 47.4 71.2  
63 30.8 25.4 38.0

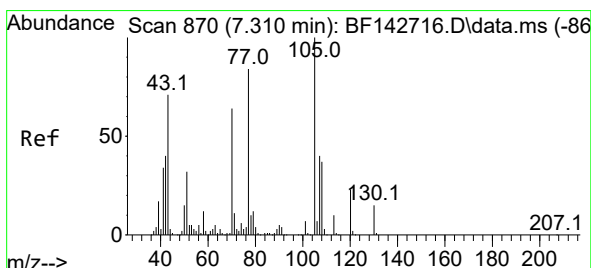
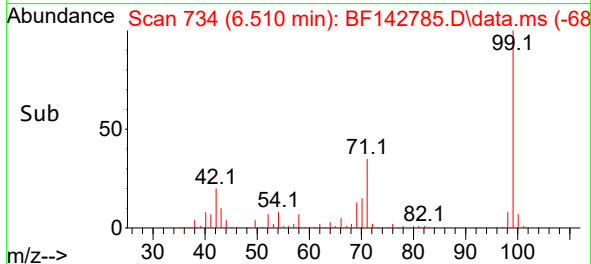
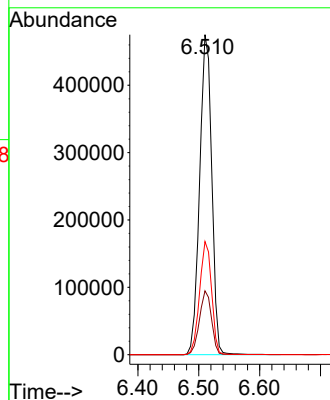
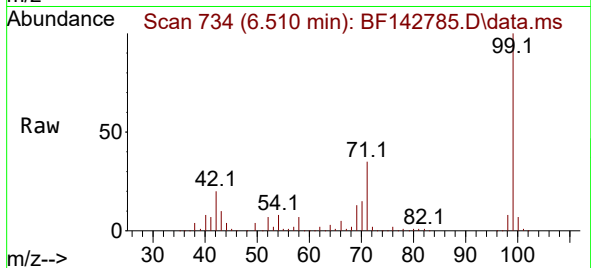




#7  
Phenol-d6  
Concen: 116.844 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

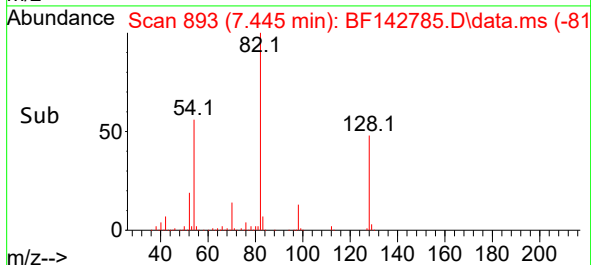
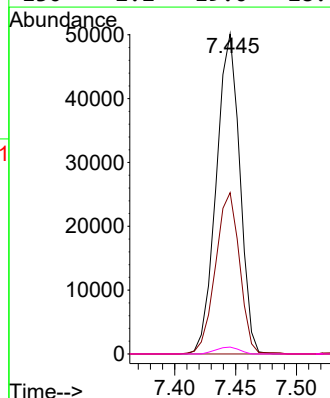
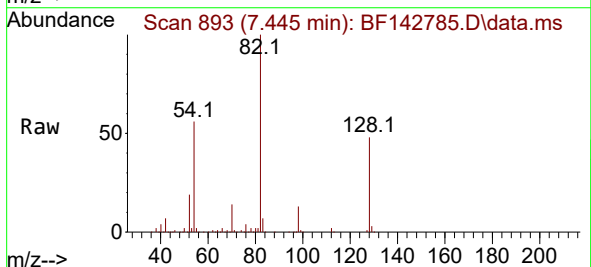
Instrument :  
BNA\_F  
ClientSampleId :  
EP-3

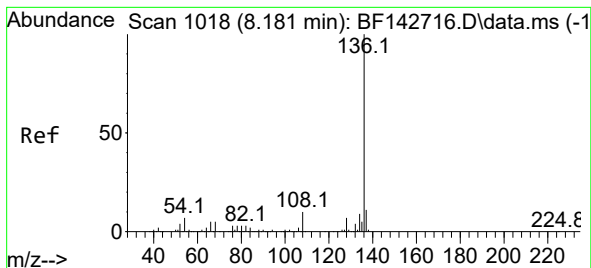
Tgt Ion: 99 Resp: 654762  
Ion Ratio Lower Upper  
99 100  
42 20.0 15.9 23.9  
71 35.3 28.0 42.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.868 ng  
RT: 7.445 min Scan# 893  
Delta R.T. 0.135 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

Tgt Ion: 70 Resp: 67312  
Ion Ratio Lower Upper  
70 100  
42 50.4 50.2 75.4  
101 0.0 8.3 12.5#  
130 2.2 19.0 28.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

Instrument :

BNA\_F

ClientSampleId :

EP-3

Tgt Ion:136 Resp: 312150

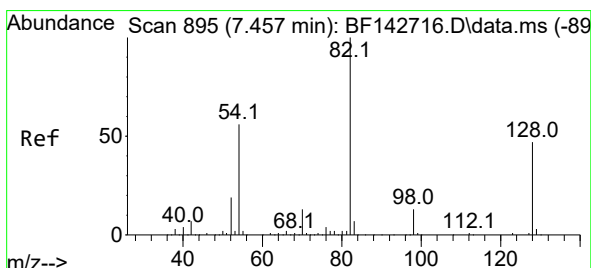
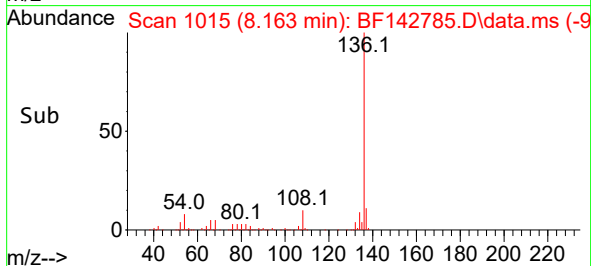
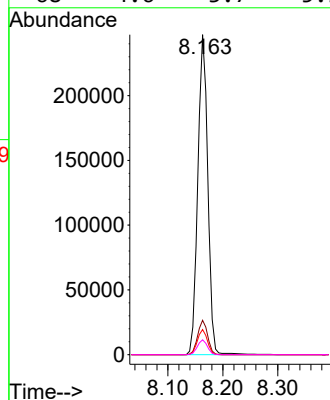
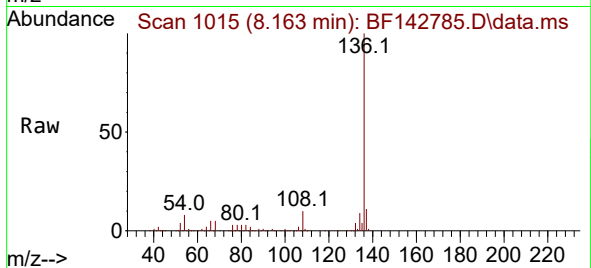
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.8 5.9 8.9

68 4.6 3.7 5.5



#23

Nitrobenzene-d5

Concen: 86.565 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

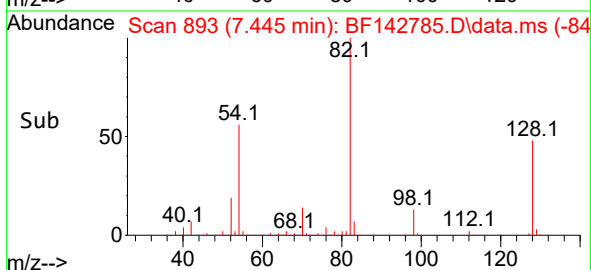
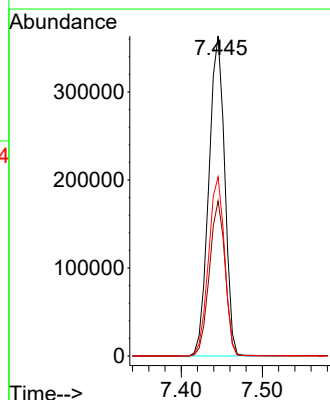
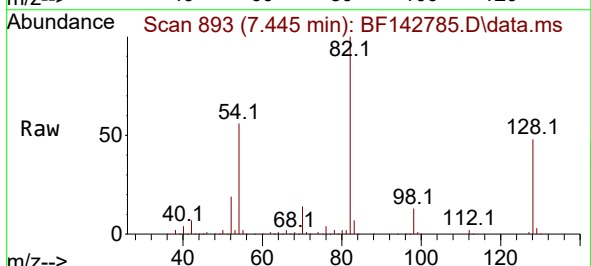
Tgt Ion: 82 Resp: 493742

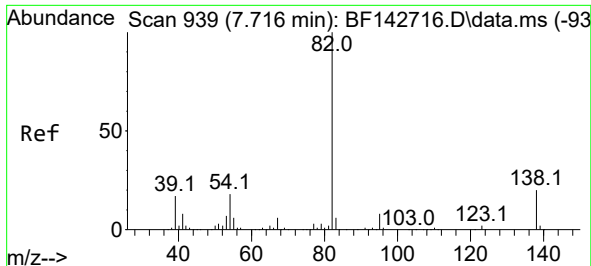
Ion Ratio Lower Upper

82 100

128 48.5 37.8 56.8

54 56.0 44.9 67.3

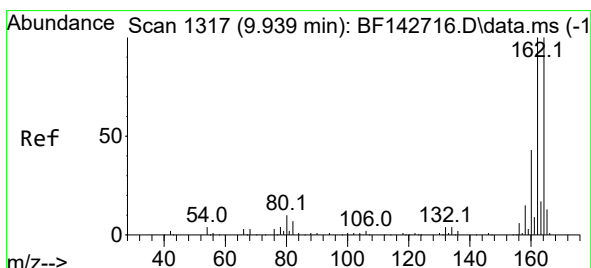
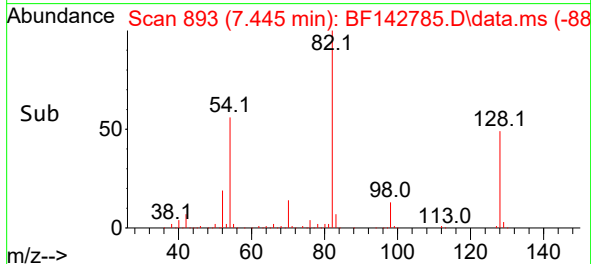
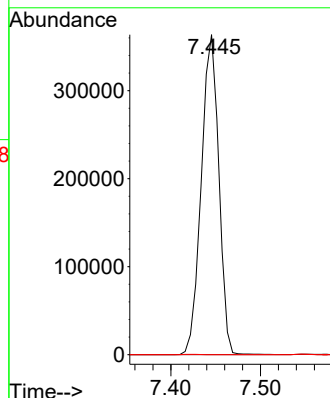
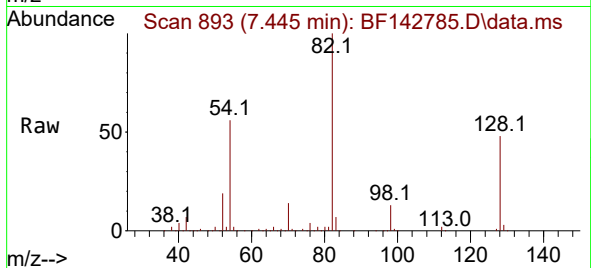




#25  
Isophorone  
Concen: 50.964 ng  
RT: 7.445 min Scan# 89  
Delta R.T. -0.271 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

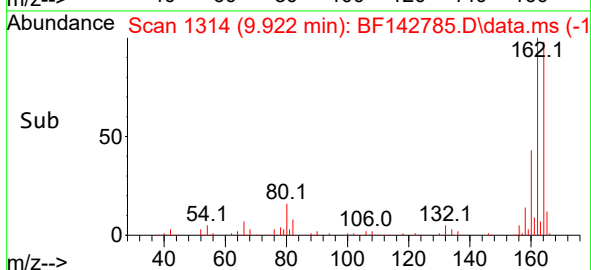
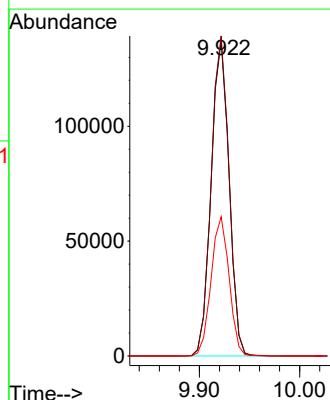
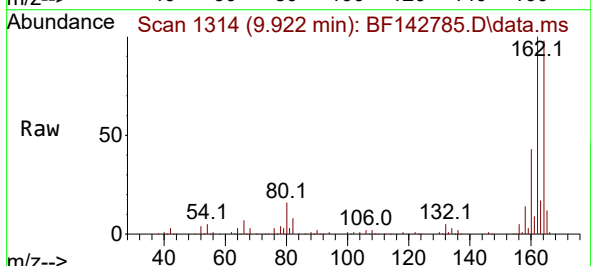
Instrument :  
BNA\_F  
ClientSampleId :  
EP-3

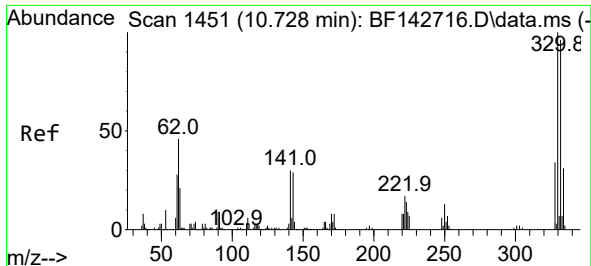
Tgt Ion: 82 Resp: 492166  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 15.8 23.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.018 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

Tgt Ion:164 Resp: 170225  
Ion Ratio Lower Upper  
164 100  
162 101.6 79.9 119.9  
160 44.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 135.703 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

Instrument :

BNA\_F

ClientSampleId :

EP-3

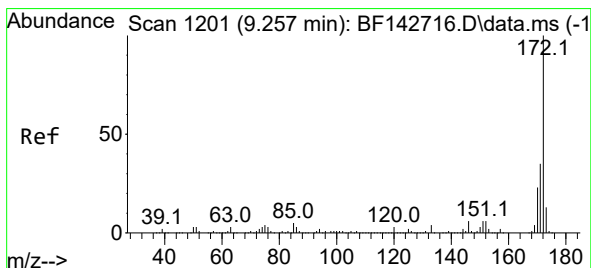
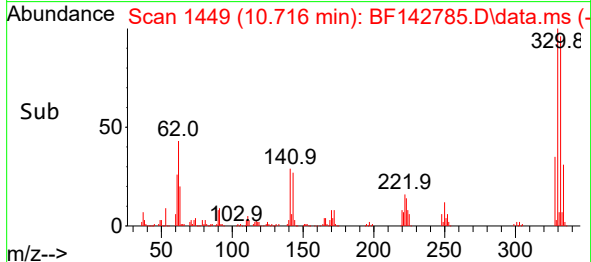
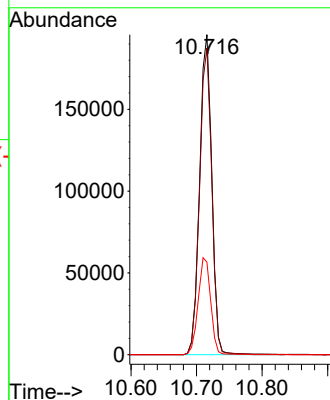
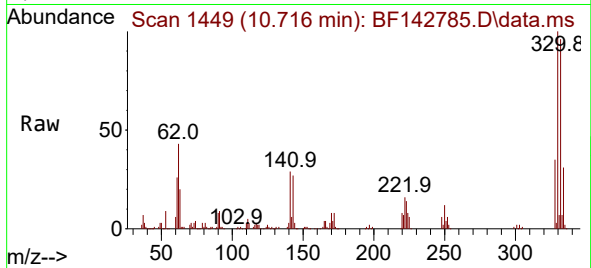
Tgt Ion:330 Resp: 253174

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 31.2 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 82.042 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

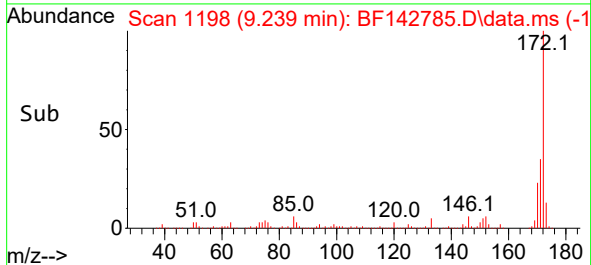
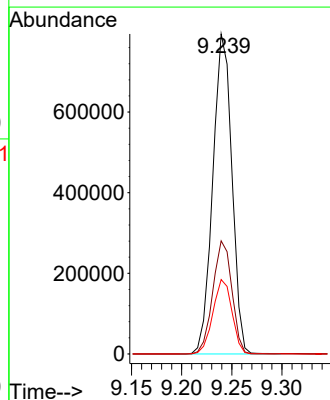
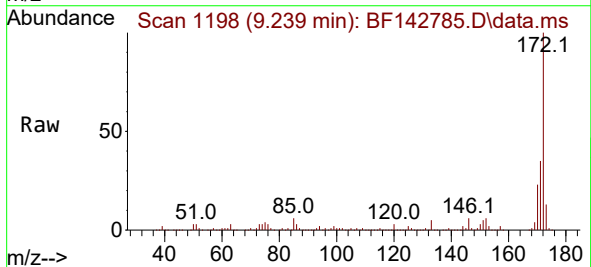
Tgt Ion:172 Resp: 1051181

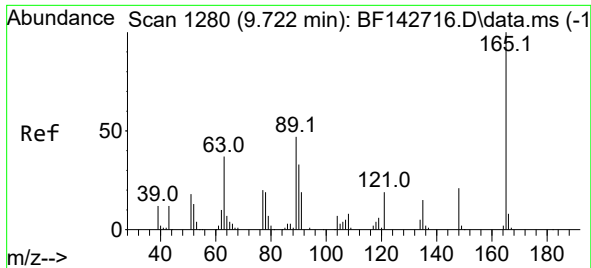
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.3 18.6 27.8

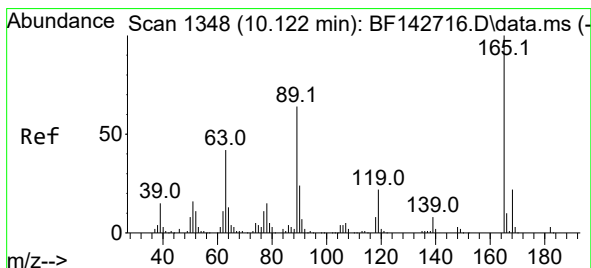
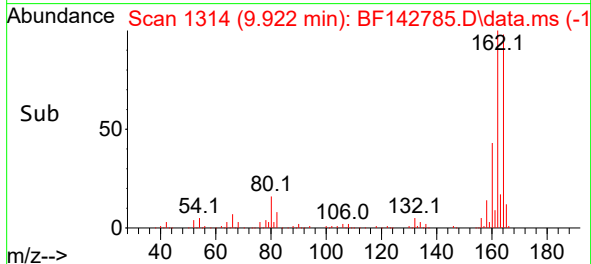
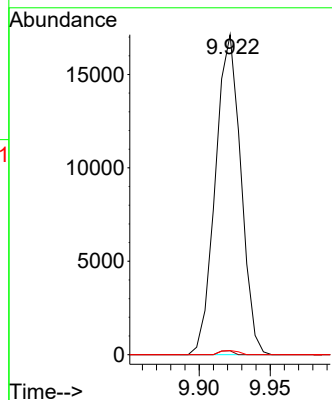
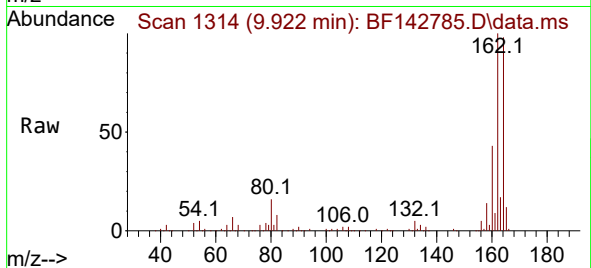




#51  
2,6-Dinitrotoluene  
Concen: 8.684 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. 0.200 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

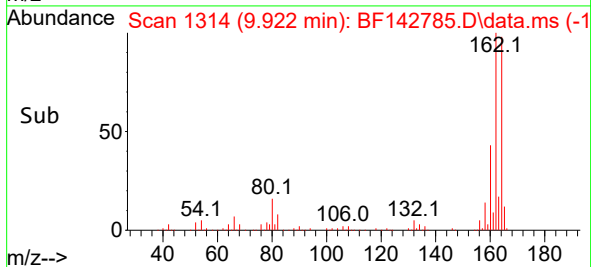
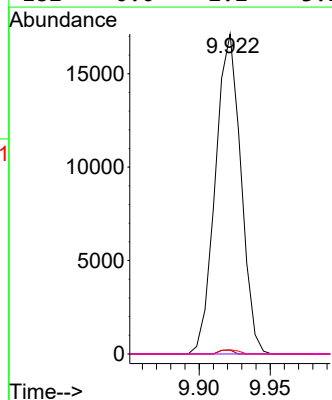
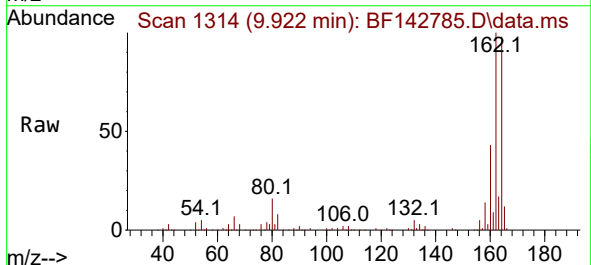
Instrument :  
BNA\_F  
ClientSampleId :  
EP-3

Tgt Ion:165 Resp: 21335  
Ion Ratio Lower Upper  
165 100  
63 1.2 40.6 60.8#  
89 1.3 37.6 56.4#

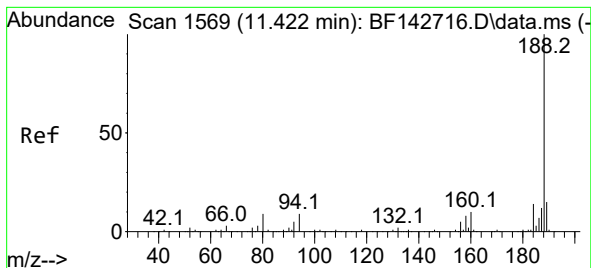


#57  
2,4-Dinitrotoluene  
Concen: 6.568 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.200 min  
Lab File: BF142785.D  
Acq: 18 Jun 2025 19:03

Tgt Ion:165 Resp: 21335  
Ion Ratio Lower Upper  
165 100  
63 1.2 34.1 51.1#  
89 1.3 50.8 76.2#  
182 0.0 2.2 3.2#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

Instrument :

BNA\_F

ClientSampleId :

EP-3

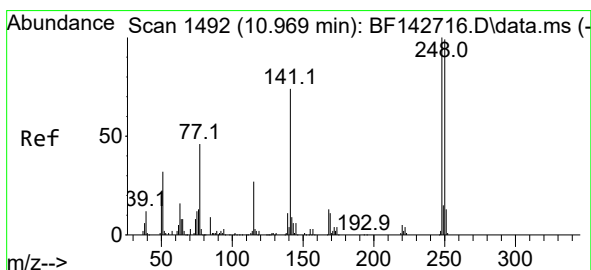
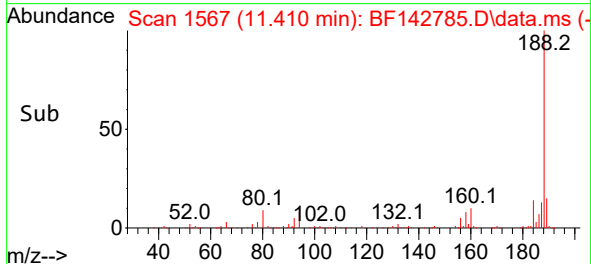
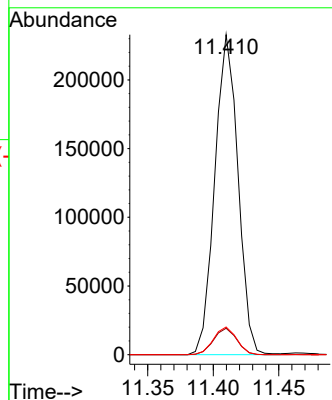
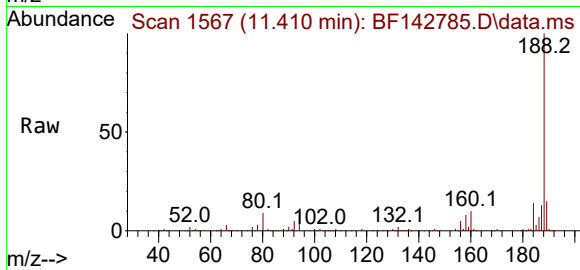
Tgt Ion:188 Resp: 285992

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.6 7.1 10.7



#67

4-Bromophenyl-phenylether

Concen: 4.717 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

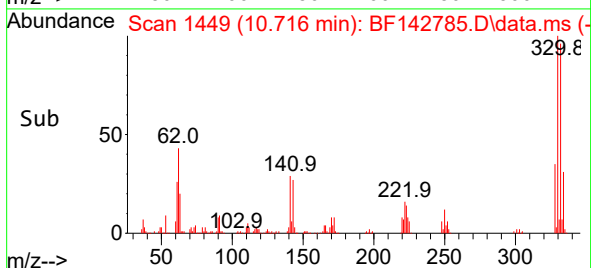
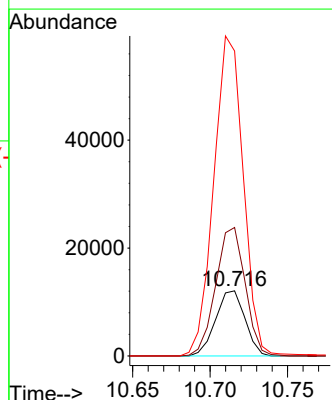
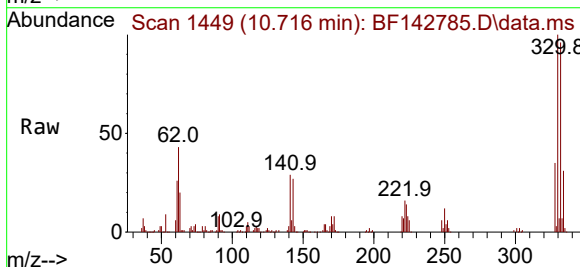
Tgt Ion:248 Resp: 15924

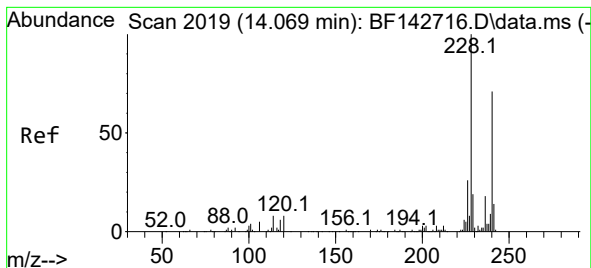
Ion Ratio Lower Upper

248 100

250 197.4 79.2 118.8#

141 468.2 59.3 88.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

Instrument :

BNA\_F

ClientSampleId :

EP-3

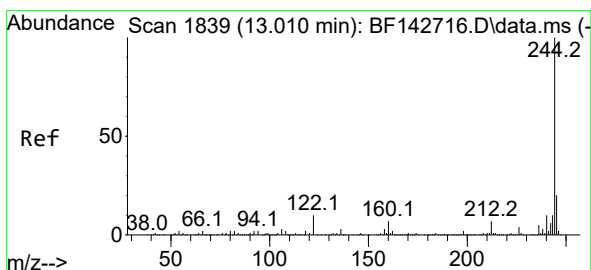
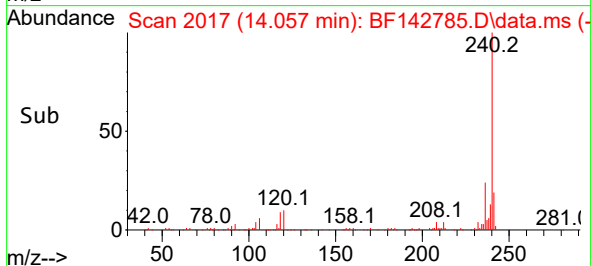
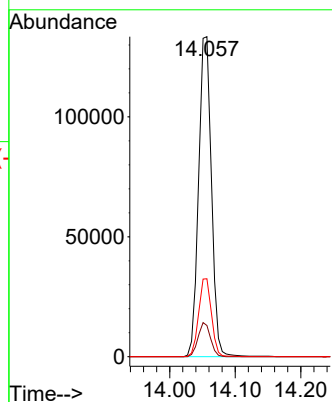
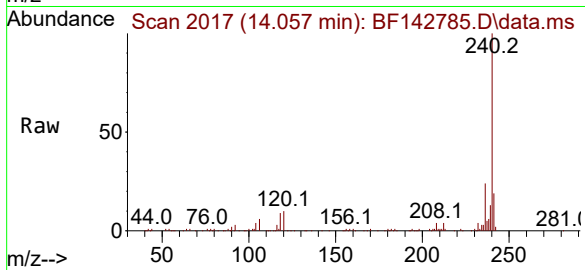
Tgt Ion:240 Resp: 182238

Ion Ratio Lower Upper

240 100

120 9.7 8.5 12.7

236 24.3 20.1 30.1



#79

Terphenyl-d14

Concen: 70.480 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF142785.D

Acq: 18 Jun 2025 19:03

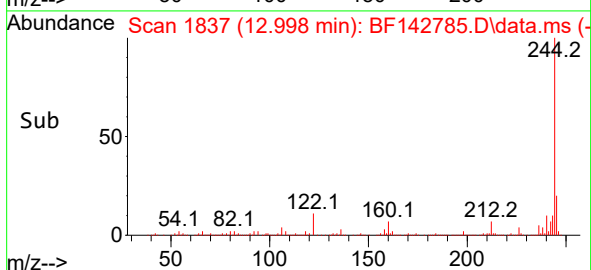
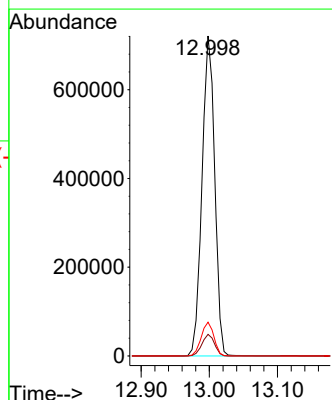
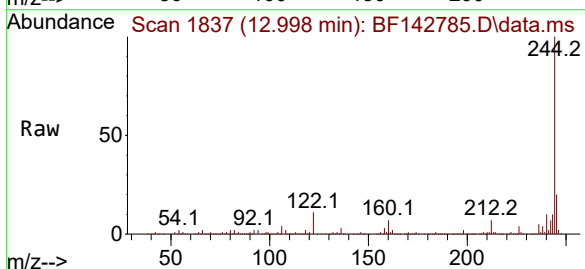
Tgt Ion:244 Resp: 935175

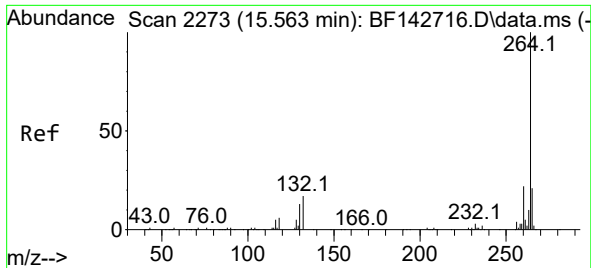
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

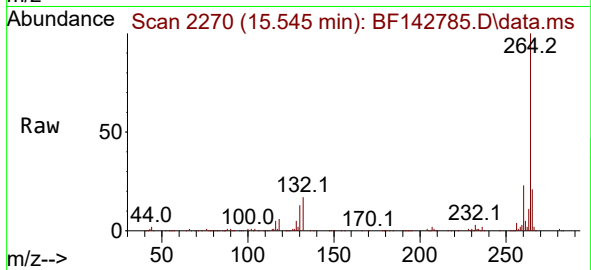
122 10.6 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BF142785.D  
 Acq: 18 Jun 2025 19:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-3



Tgt Ion:264 Resp: 184385  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 17.8 26.6  
 265 21.1 16.6 25.0

