

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120125\  
 Data File : BF144394.D  
 Acq On : 01 Dec 2025 18:41  
 Operator : RC/JU  
 Sample : Q3719-13 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1125-17A

Quant Time: Dec 02 00:10:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

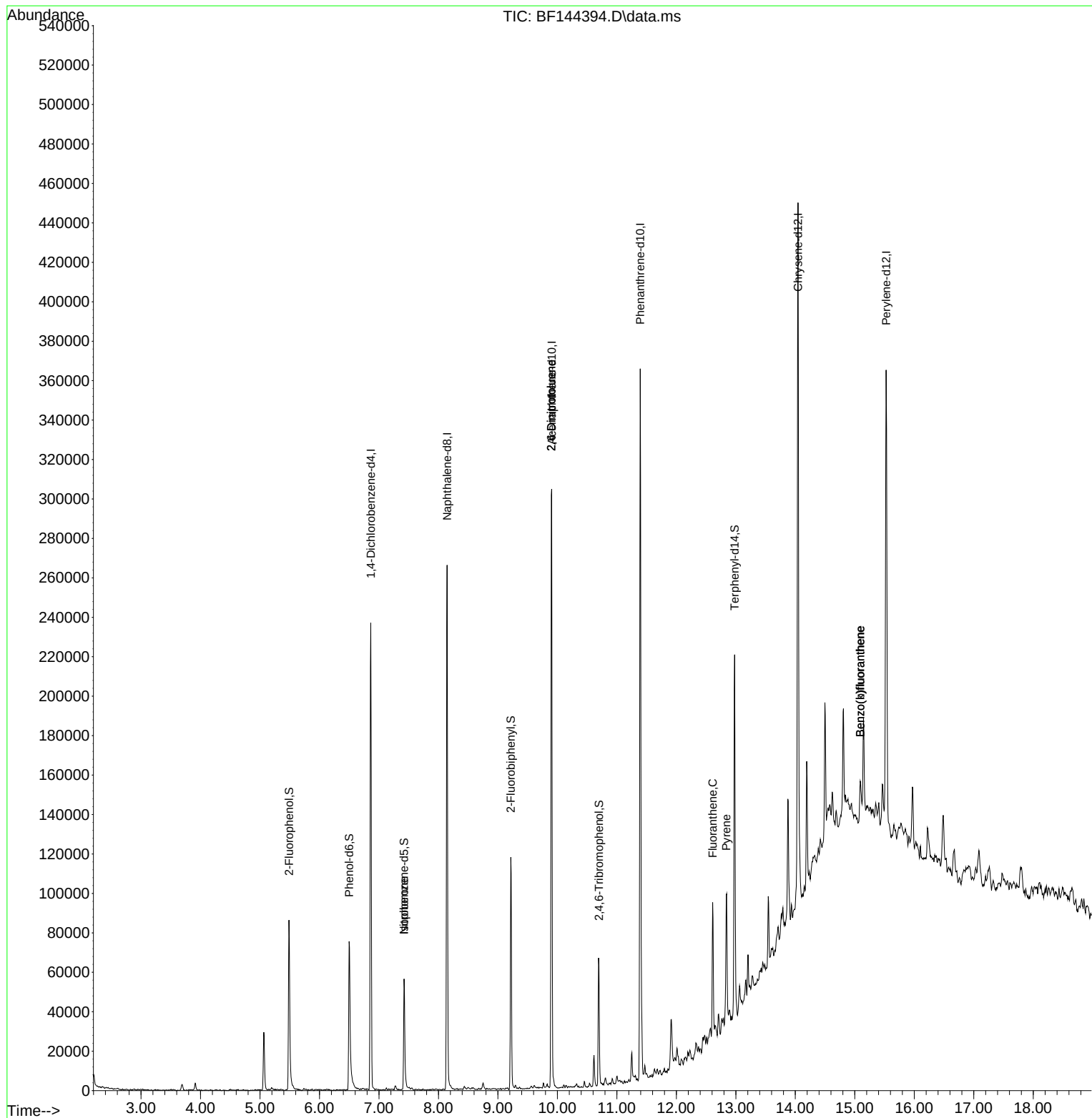
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 52905    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.145  | 136  | 181736   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.904  | 164  | 101490   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 196560   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.045 | 240  | 176998   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 130950   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 45990    | 13.603 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 49321    | 12.875 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 27433    | 8.718  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 14405    | 11.311 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 60351    | 8.783  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 92052    | 8.261  | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 25) Isophorone              | 7.422  | 82   | 27433    | 4.609  | ng    | # 66     |
| 51) 2,6-Dinitrotoluene      | 9.898  | 165  | 11762    | 8.642  | ng    | # 27     |
| 57) 2,4-Dinitrotoluene      | 9.898  | 165  | 11762    | 6.455  | ng    | # 27     |
| 75) Fluoranthene            | 12.610 | 202  | 41911    | 4.146  | ng    | 97       |
| 78) Pyrene                  | 12.839 | 202  | 36333    | 2.546  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 15.092 | 252  | 19788    | 2.658  | ng    | # 81     |
| 89) Benzo(k)fluoranthene    | 15.092 | 252  | 19788    | 2.840  | ng    | # 83     |
| -----                       |        |      |          |        |       |          |

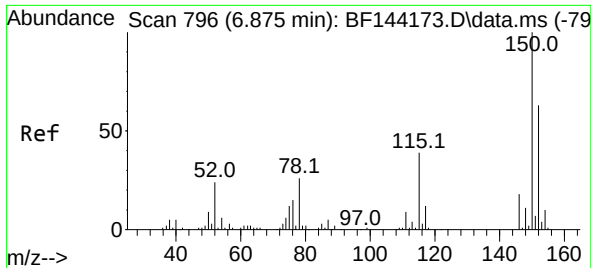
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120125\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 05 18:37:33 2025  
Response via : Initial Calibration

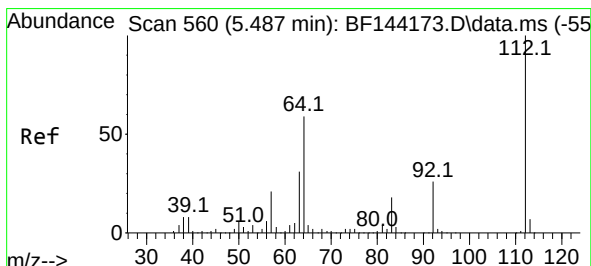
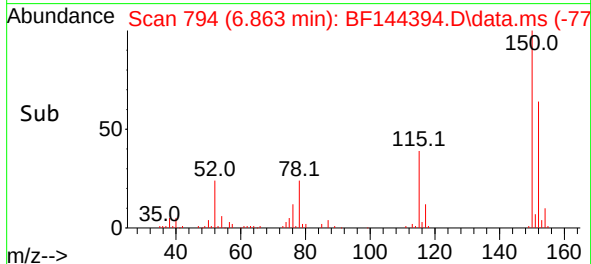
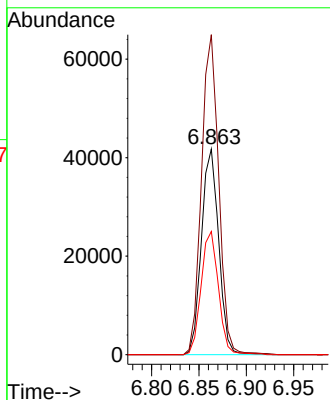
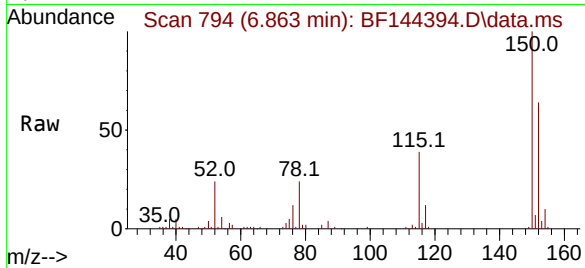




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 796  
Delta R.T. -0.012 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

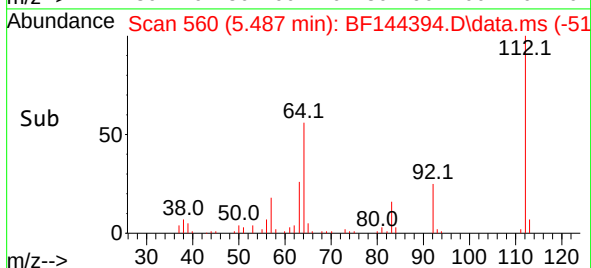
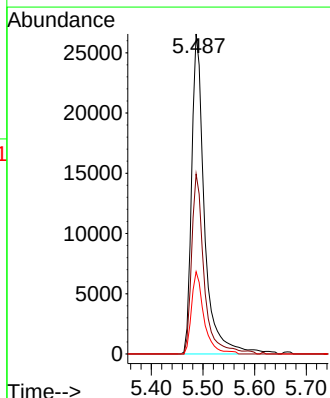
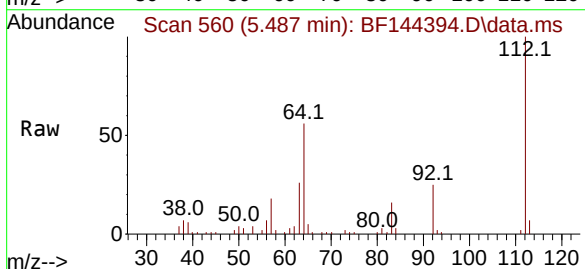
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1125-17A

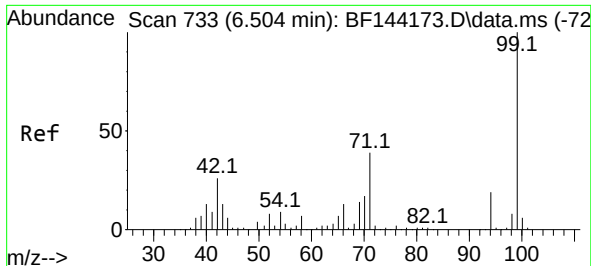
Tgt Ion:152 Resp: 52905  
Ion Ratio Lower Upper  
152 100  
150 155.7 127.4 191.0  
115 59.9 49.5 74.3



#5  
2-Fluorophenol  
Concen: 13.603 ng  
RT: 5.487 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

Tgt Ion:112 Resp: 45990  
Ion Ratio Lower Upper  
112 100  
64 56.2 47.2 70.8  
63 25.7 24.4 36.6

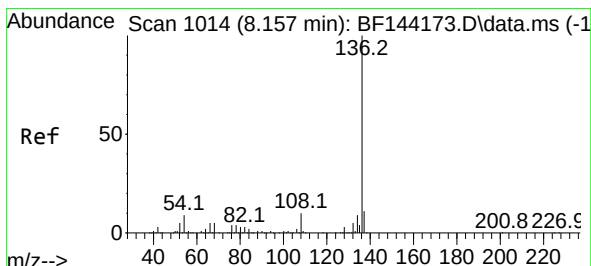
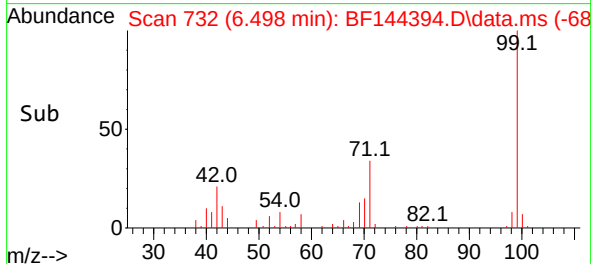
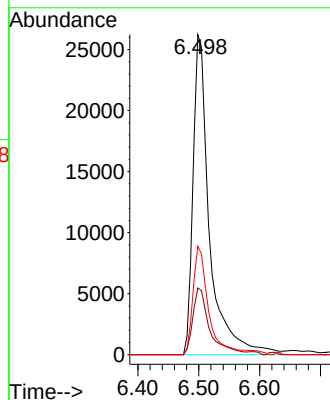
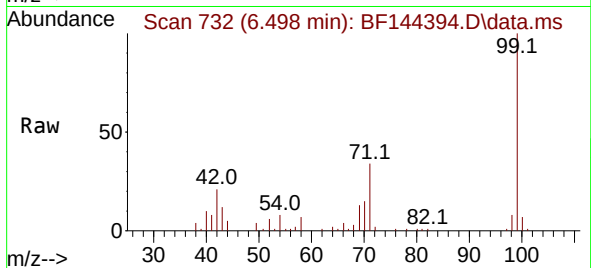




#7  
Phenol-d6  
Concen: 12.875 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

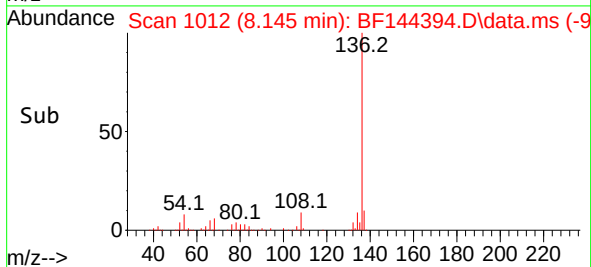
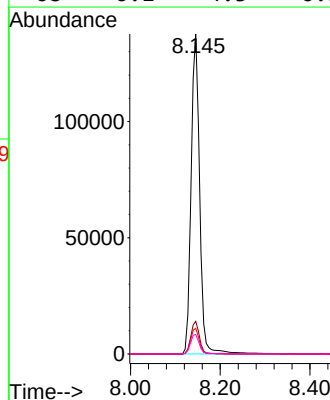
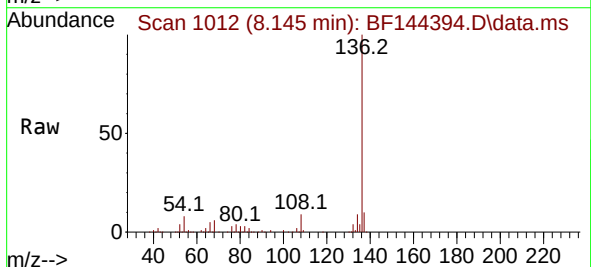
Instrument :  
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ClientSampleId :  
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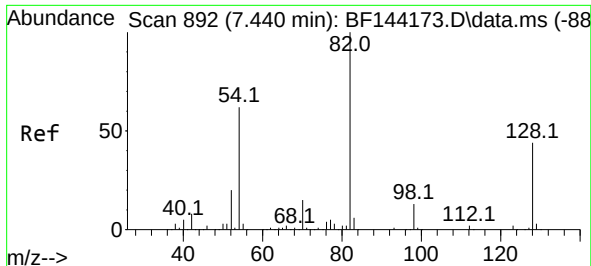
Tgt Ion: 99 Resp: 49321  
Ion Ratio Lower Upper  
99 100  
42 20.9 20.9 31.3#  
71 33.8 31.4 47.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1012  
Delta R.T. -0.012 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

Tgt Ion: 136 Resp: 181736  
Ion Ratio Lower Upper  
136 100  
137 10.2 8.6 13.0  
54 8.1 7.0 10.6  
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 8.718 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

SB-1125-17A

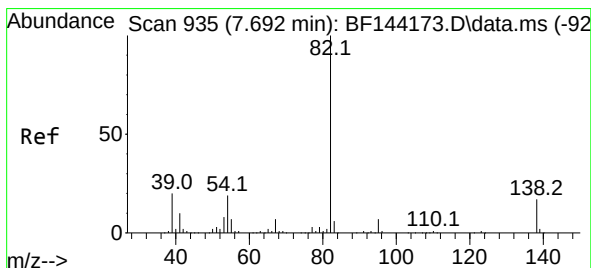
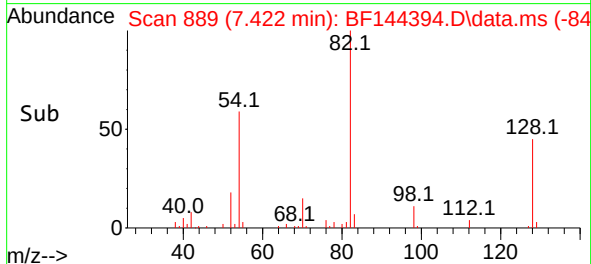
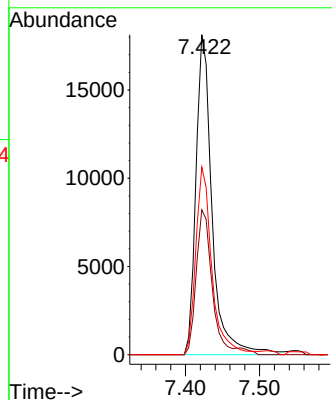
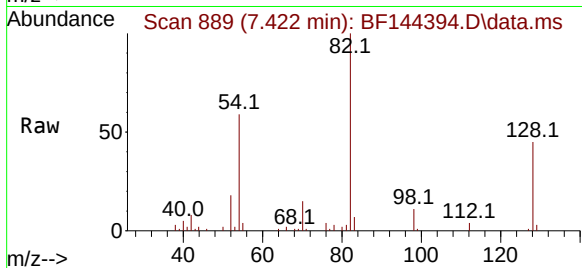
Tgt Ion: 82 Resp: 27433

Ion Ratio Lower Upper

82 100

128 45.3 34.7 52.1

54 58.6 49.5 74.3



#25

Isophorone

Concen: 4.609 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.265 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

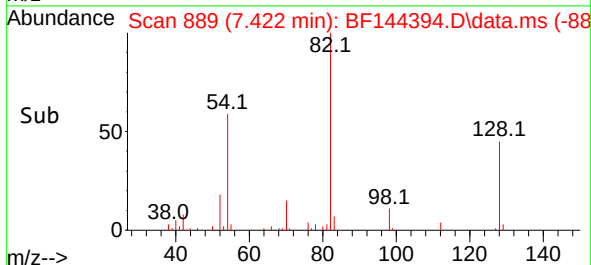
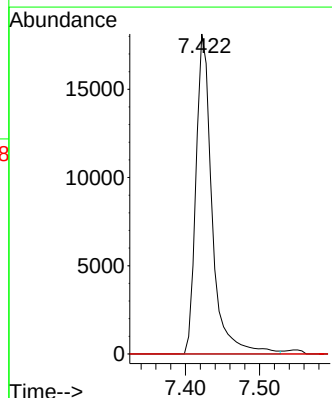
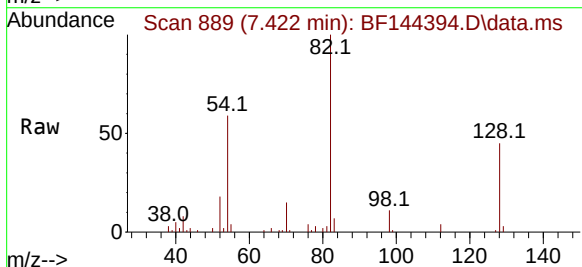
Tgt Ion: 82 Resp: 27433

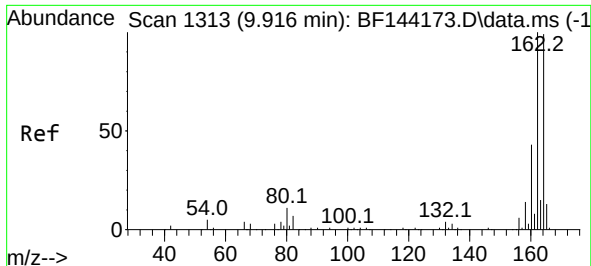
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.7 20.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

SB-1125-17A

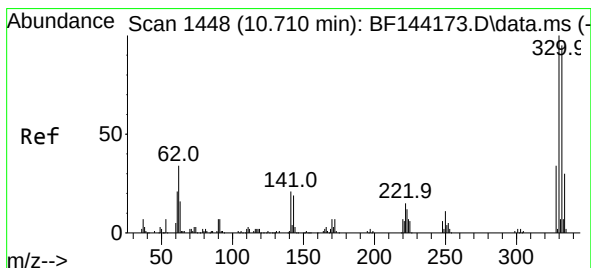
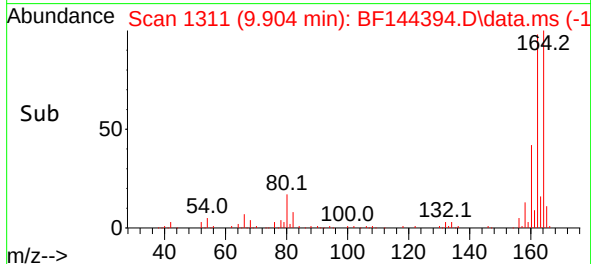
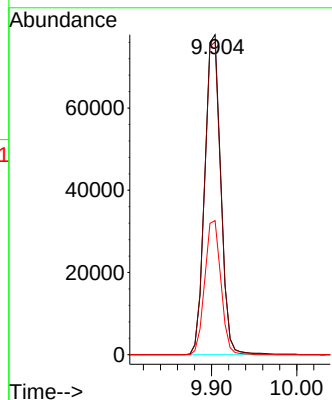
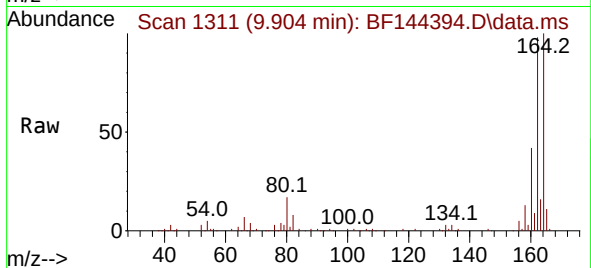
Tgt Ion:164 Resp: 101490

Ion Ratio Lower Upper

164 100

162 97.8 81.1 121.7

160 41.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 11.311 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

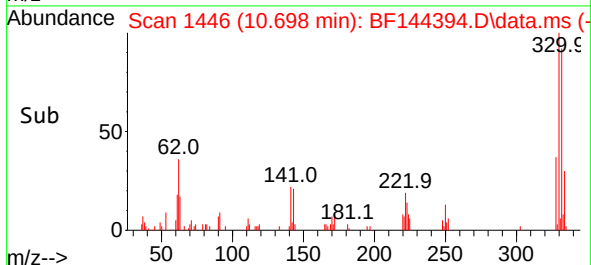
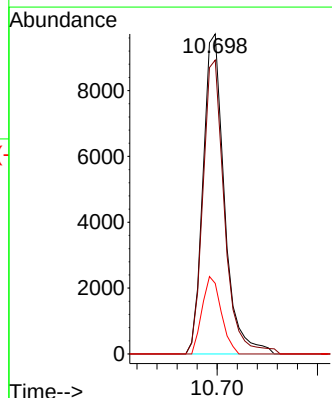
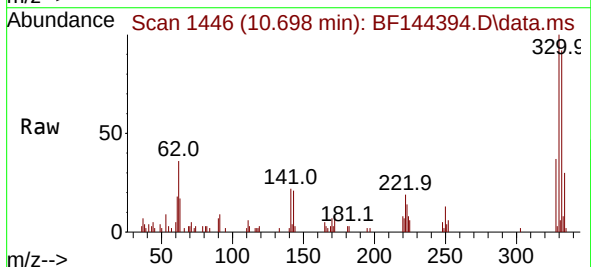
Tgt Ion:330 Resp: 14405

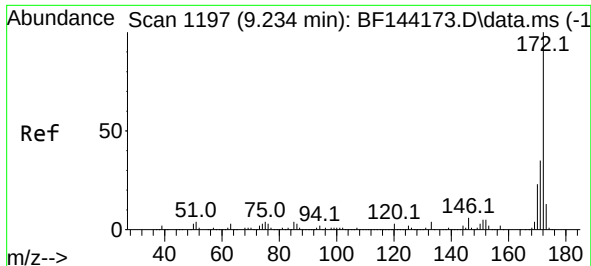
Ion Ratio Lower Upper

330 100

332 92.0 76.7 115.1

141 21.6 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 8.783 ng

RT: 9.216 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

SB-1125-17A

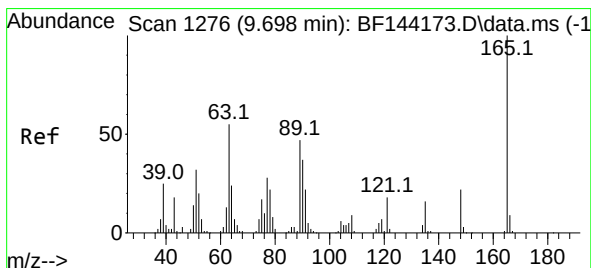
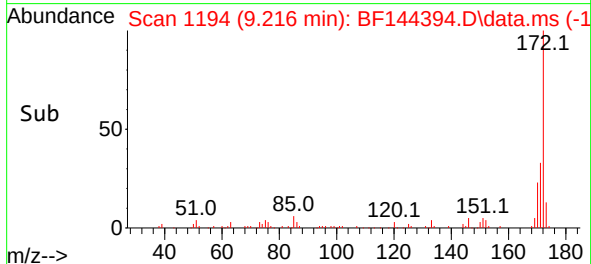
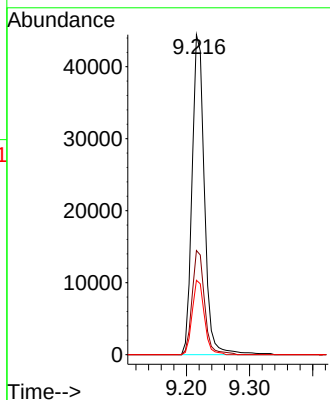
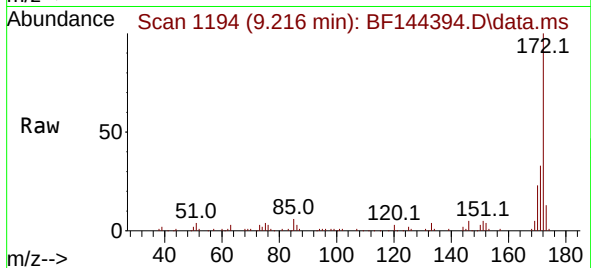
Tgt Ion:172 Resp: 60351

Ion Ratio Lower Upper

172 100

171 32.5 28.1 42.1

170 23.3 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 8.642 ng

RT: 9.898 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

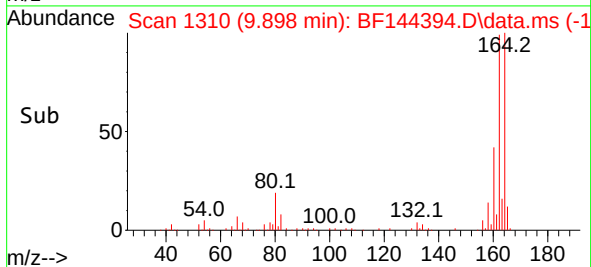
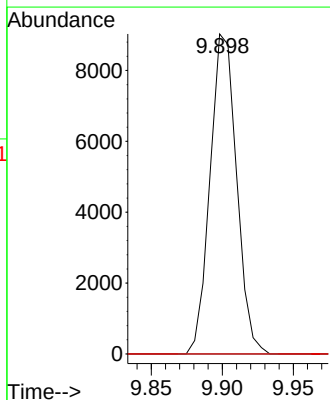
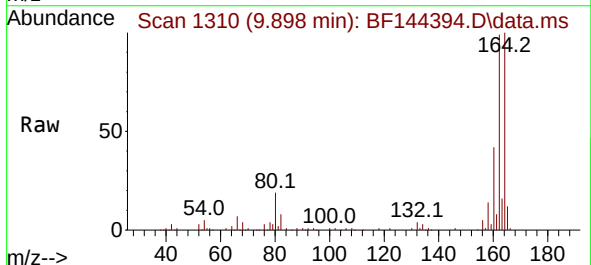
Tgt Ion:165 Resp: 11762

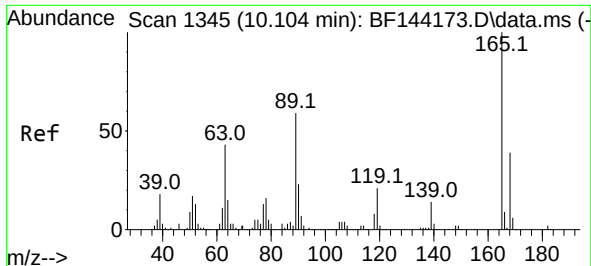
Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

89 0.0 37.5 56.3#

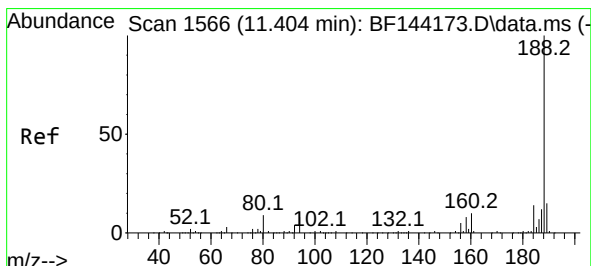
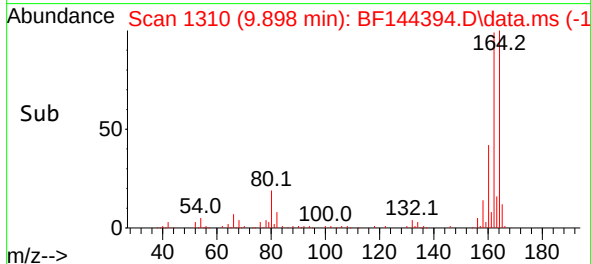
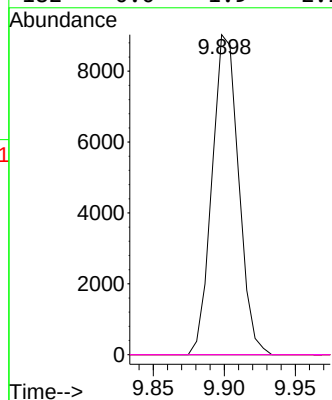
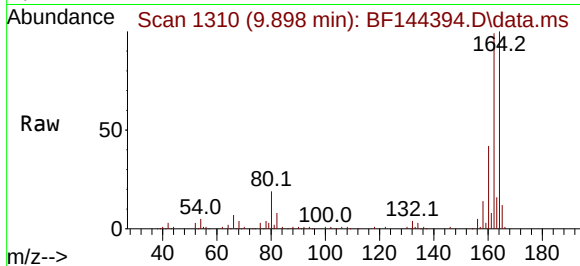




#57  
2,4-Dinitrotoluene  
Concen: 6.455 ng  
RT: 9.898 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

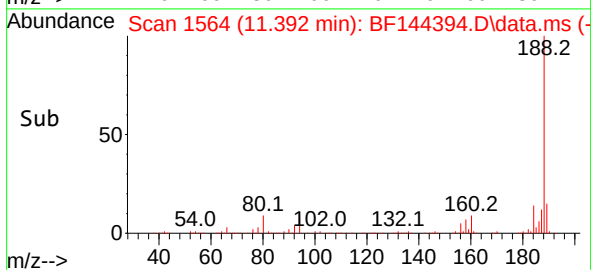
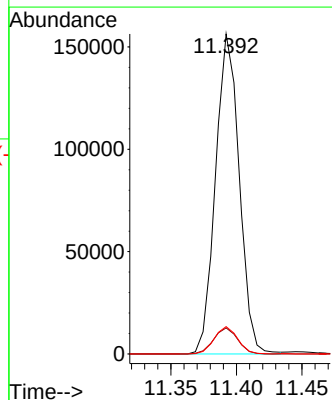
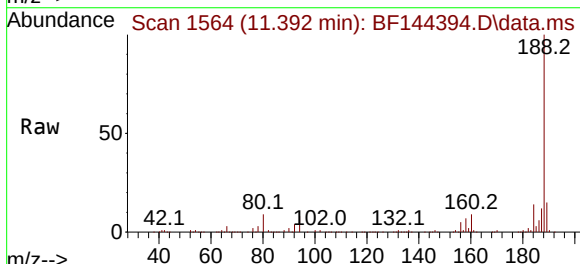
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1125-17A

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 11762      |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 0.0   | 35.5 53.3# |
| 89          | 0.0   | 47.4 71.2# |
| 182         | 0.0   | 1.9 2.9#   |

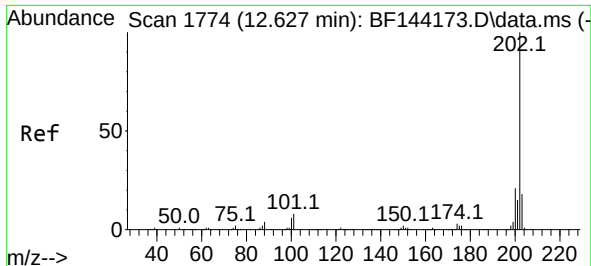


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 1564  
Delta R.T. -0.012 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 196560   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 8.1   | 6.2 9.2  |
| 80          | 8.5   | 6.9 10.3 |



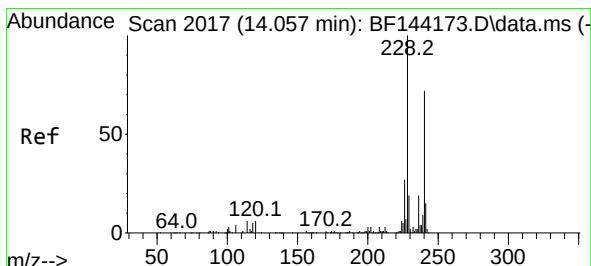
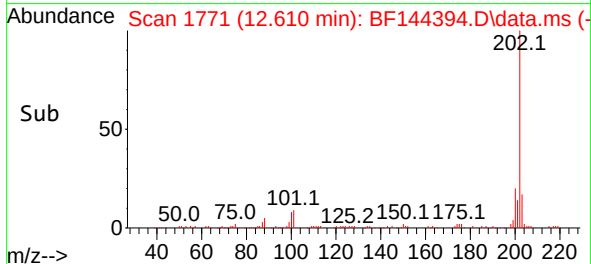
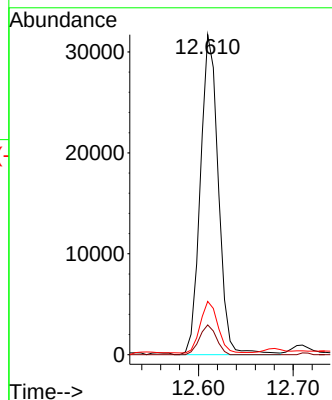
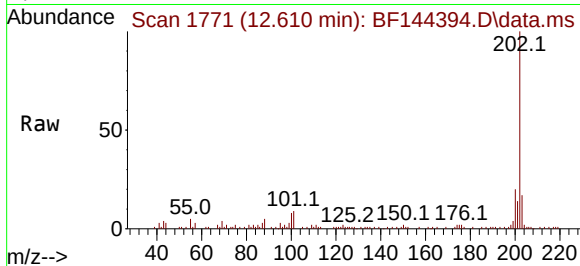




#75  
Fluoranthene  
Concen: 4.146 ng  
RT: 12.610 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

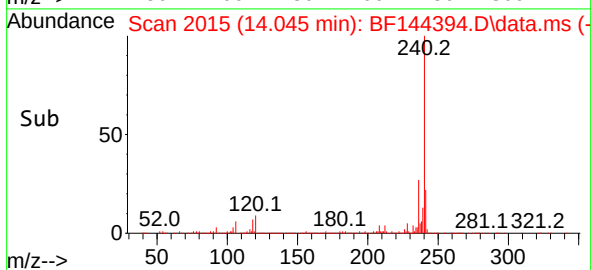
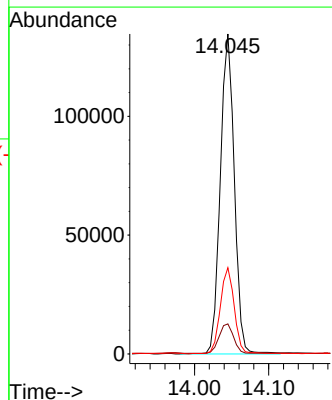
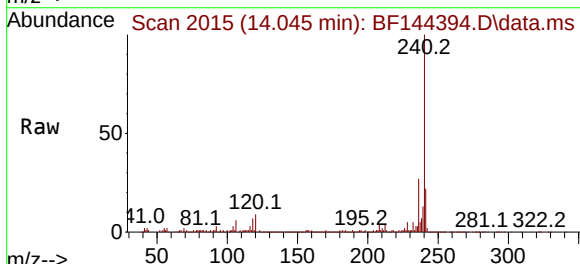
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1125-17A

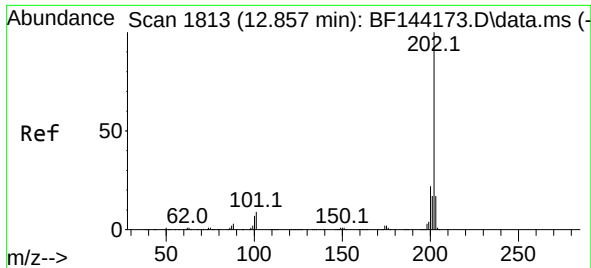
Tgt Ion:202 Resp: 41911  
Ion Ratio Lower Upper  
202 100  
101 9.3 0.0 27.9  
203 16.6 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

Tgt Ion:240 Resp: 176998  
Ion Ratio Lower Upper  
240 100  
120 9.4 6.6 10.0  
236 27.0 21.4 32.2

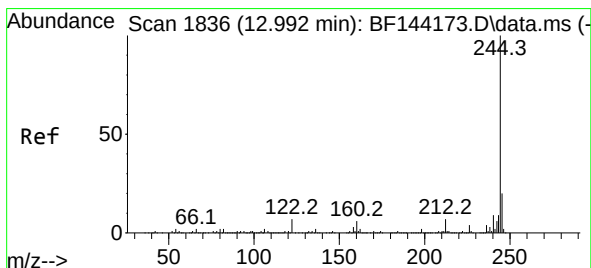
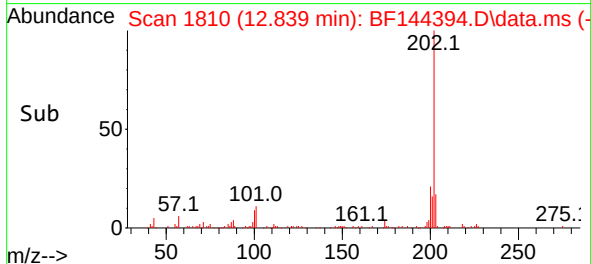
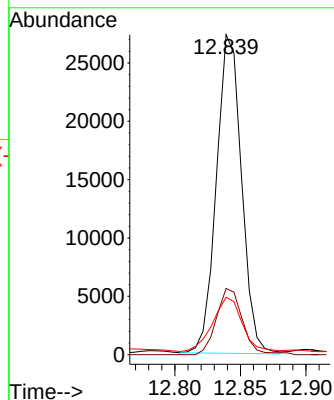
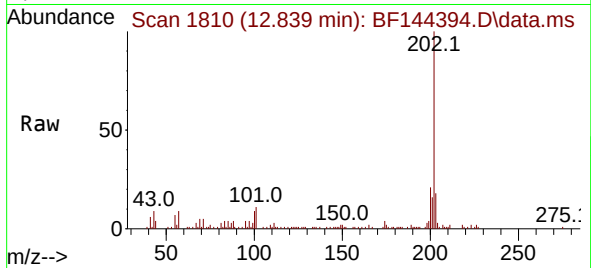




#78  
 Pyrene  
 Concen: 2.546 ng  
 RT: 12.839 min Scan# 1810  
 Delta R.T. -0.012 min  
 Lab File: BF144394.D  
 Acq: 01 Dec 2025 18:41

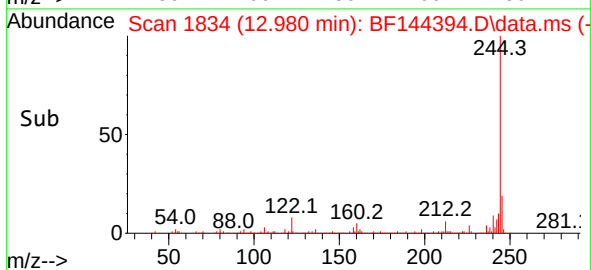
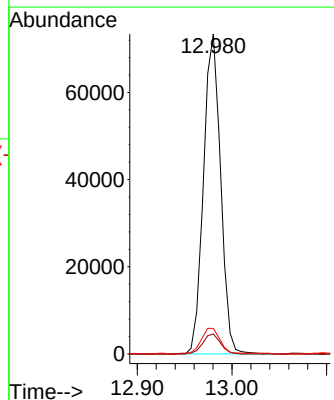
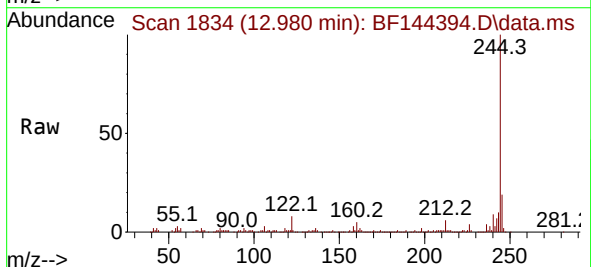
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1125-17A

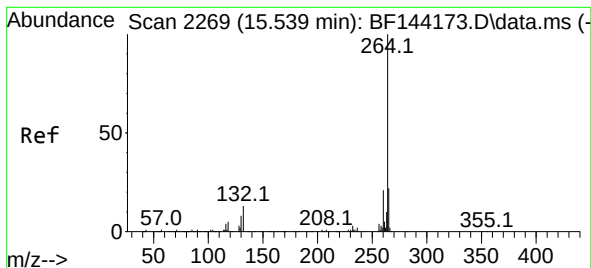
Tgt Ion:202 Resp: 36333  
 Ion Ratio Lower Upper  
 202 100  
 200 20.7 17.2 25.8  
 203 18.0 13.7 20.5



#79  
 Terphenyl-d14  
 Concen: 8.261 ng  
 RT: 12.980 min Scan# 1834  
 Delta R.T. -0.012 min  
 Lab File: BF144394.D  
 Acq: 01 Dec 2025 18:41

Tgt Ion:244 Resp: 92052  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.3 7.9  
 122 8.0 5.6 8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

SB-1125-17A

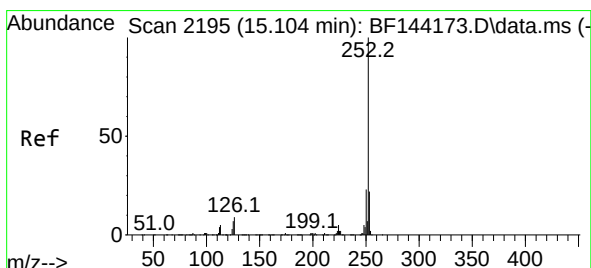
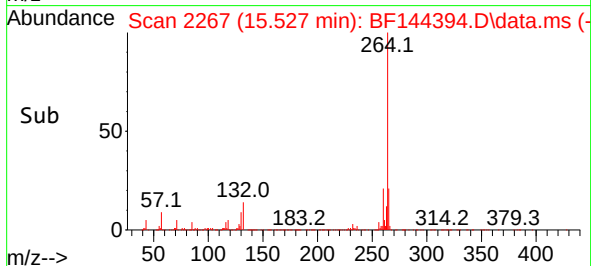
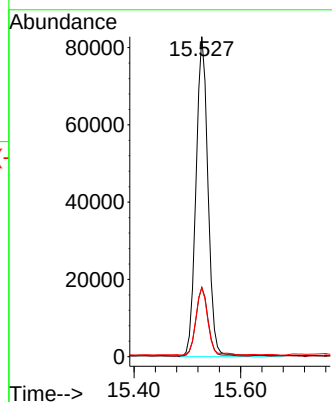
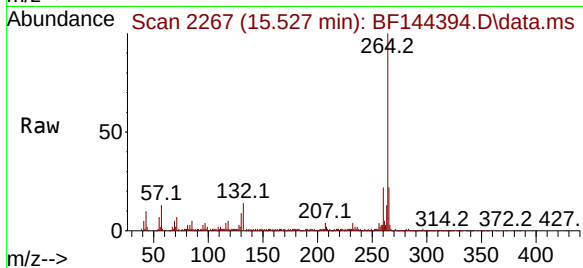
Tgt Ion:264 Resp: 130950

Ion Ratio Lower Upper

264 100

260 21.7 17.1 25.7

265 21.6 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.658 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

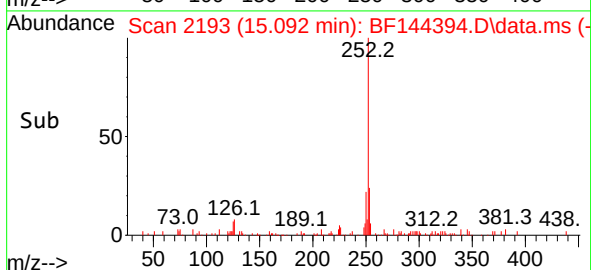
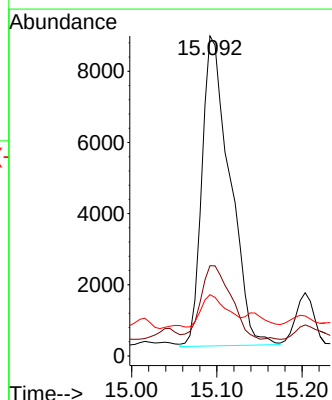
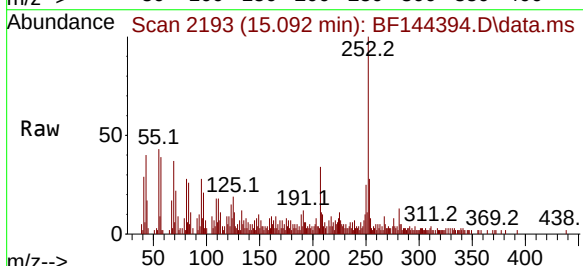
Tgt Ion:252 Resp: 19788

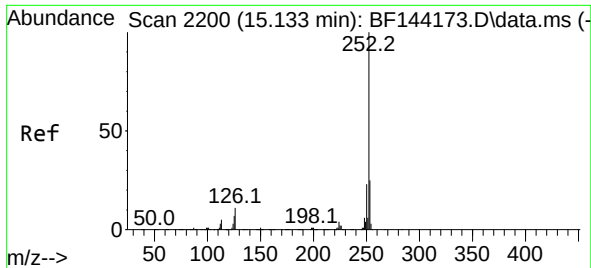
Ion Ratio Lower Upper

252 100

253 28.2 17.4 26.2#

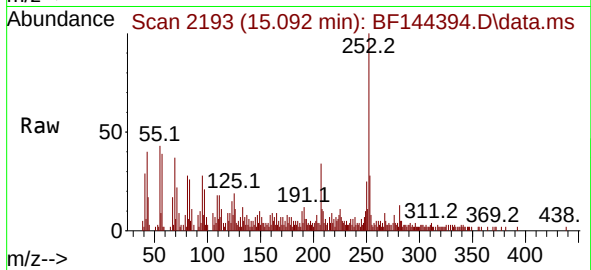
125 19.2 5.3 7.9#





#89  
Benzo(k)fluoranthene  
Concen: 2.840 ng  
RT: 15.092 min Scan# 21  
Delta R.T. -0.035 min  
Lab File: BF144394.D  
Acq: 01 Dec 2025 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1125-17A



Tgt Ion:252 Resp: 19788  
Ion Ratio Lower Upper  
252 100  
253 28.2 18.0 27.0#  
125 19.2 5.4 8.2#

