

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060625\  
 Data File : BF142651.D  
 Acq On : 06 Jun 2025 17:31  
 Operator : RC/JU  
 Sample : Q2198-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-202-SB02

Quant Time: Jun 06 22:55:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

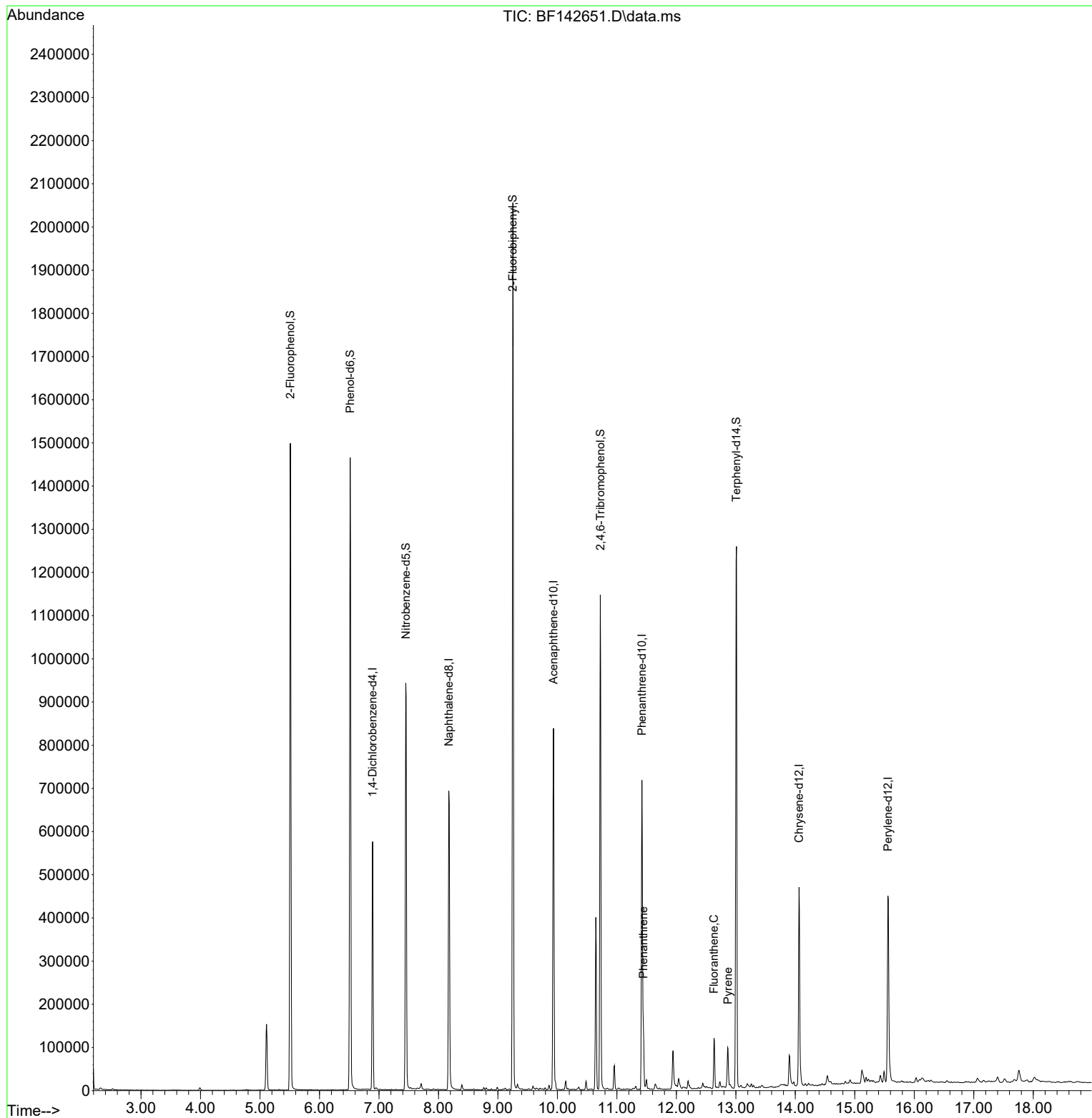
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.893  | 152  | 123234   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.175  | 136  | 476509   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.934  | 164  | 248989   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.422 | 188  | 371551   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.063 | 240  | 222853   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.557 | 264  | 271822   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 578127   | 79.037 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 708871   | 80.507 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 421343   | 48.216 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 200544   | 72.570 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 918643   | 49.508 | ng    | -0.02    |
| 79) Terphenyl-d14           | 13.010 | 244  | 635932   | 38.996 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.445 | 178  | 73270    | 3.690  | ng    | 99       |
| 75) Fluoranthene            | 12.633 | 202  | 72115    | 3.887  | ng    | 98       |
| 78) Pyrene                  | 12.869 | 202  | 57879    | 2.784  | ng    | 99       |
| -----                       |        |      |          |        |       |          |

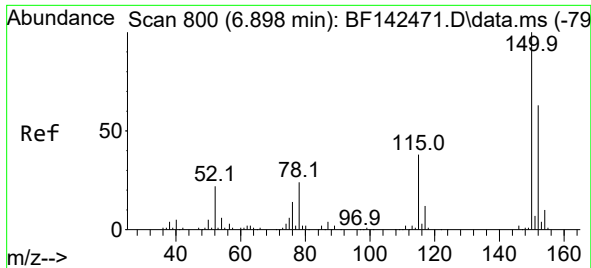
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060625\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 20 16:26:47 2025  
Response via : Initial Calibration

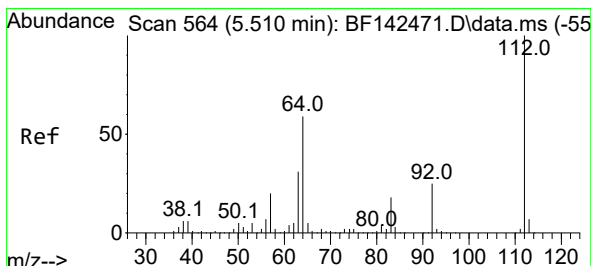
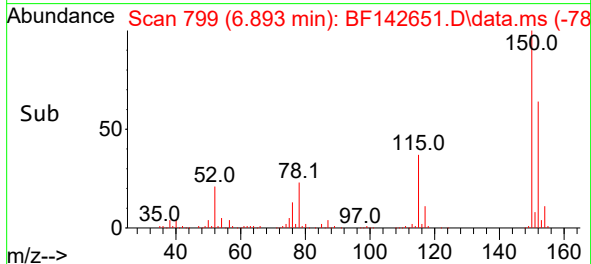
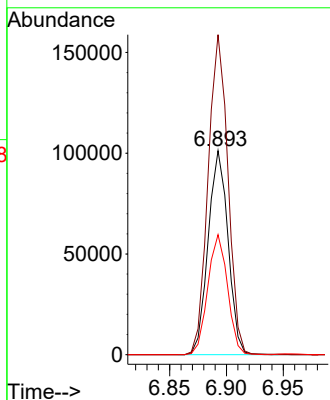
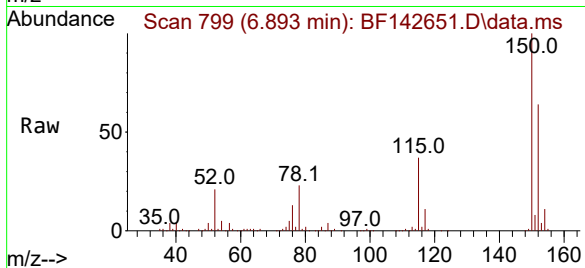




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 799  
Delta R.T. -0.011 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

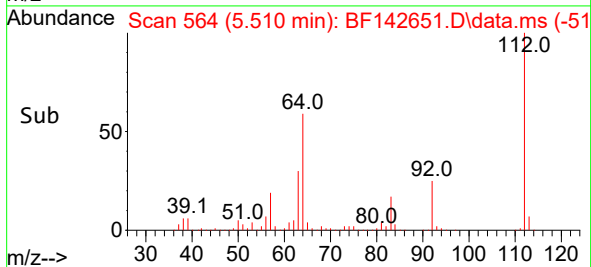
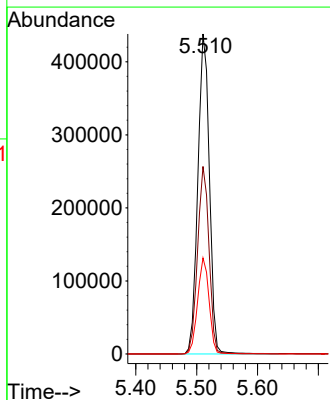
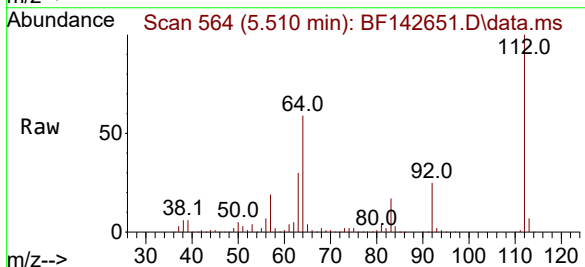
Instrument :  
BNA\_F  
ClientSampleId :  
B-202-SB02

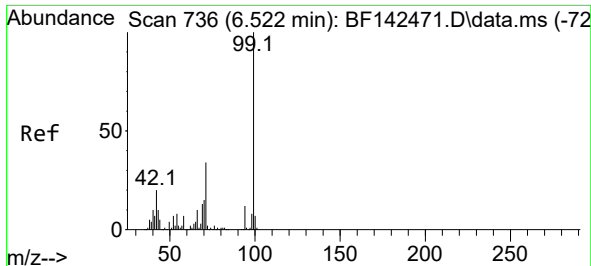
Tgt Ion:152 Resp: 123234  
Ion Ratio Lower Upper  
152 100  
150 156.9 128.2 192.4  
115 58.8 48.3 72.5



#5  
2-Fluorophenol  
Concen: 79.037 ng  
RT: 5.510 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

Tgt Ion:112 Resp: 578127  
Ion Ratio Lower Upper  
112 100  
64 58.6 47.5 71.3  
63 30.0 24.9 37.3

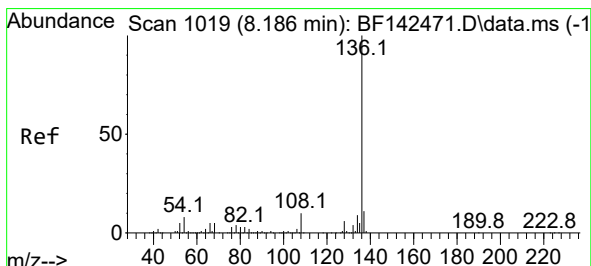
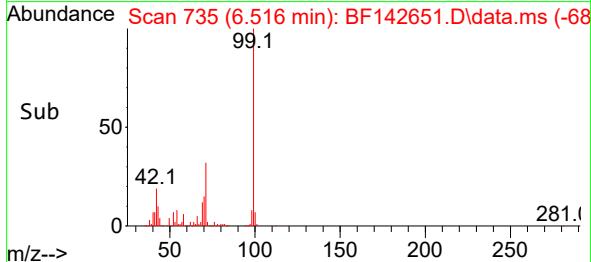
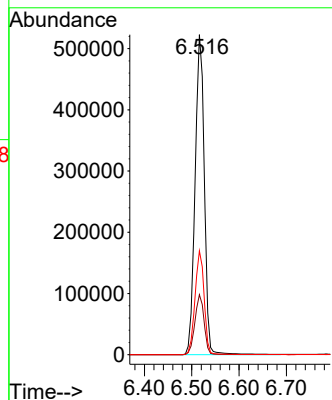
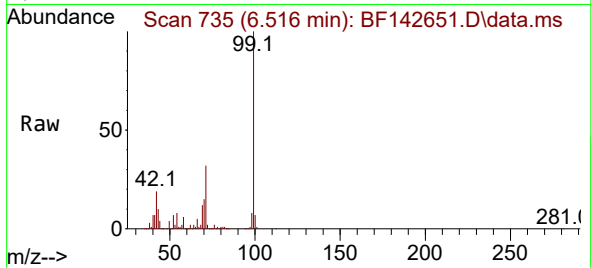




#7  
Phenol-d6  
Concen: 80.507 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

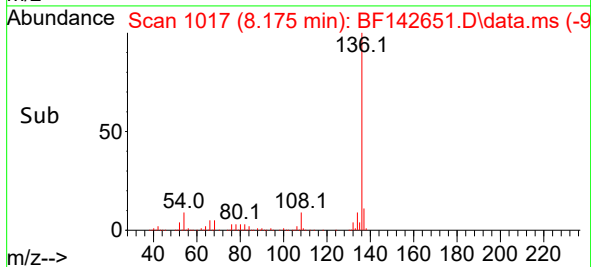
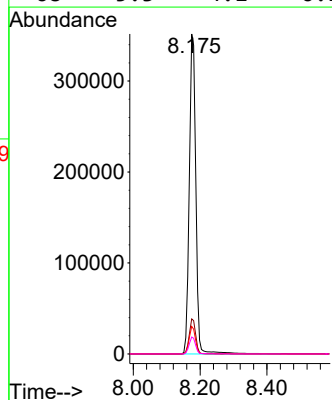
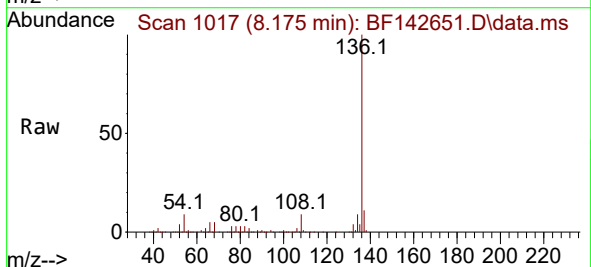
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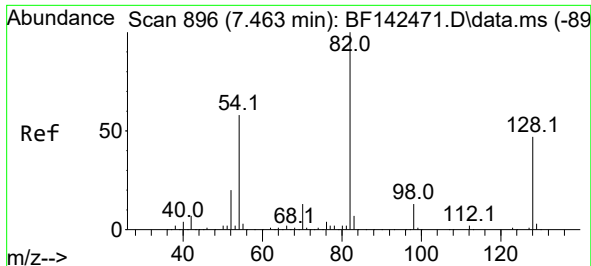
Tgt Ion: 99 Resp: 708871  
Ion Ratio Lower Upper  
99 100  
42 18.8 16.2 24.2  
71 32.5 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

Tgt Ion: 136 Resp: 476509  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.6 6.6 10.0  
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.216 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF142651.D

Acq: 06 Jun 2025 17:31

Instrument :

BNA\_F

ClientSampleId :

B-202-SB02

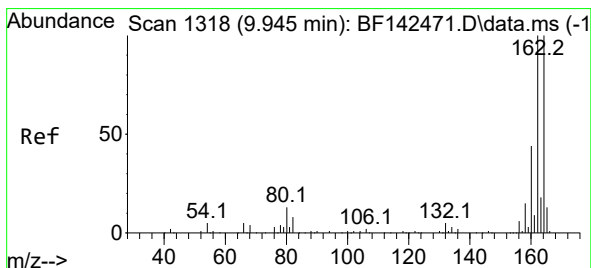
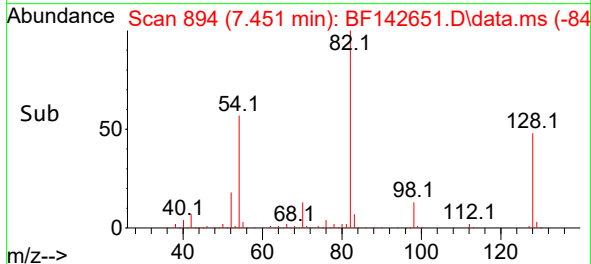
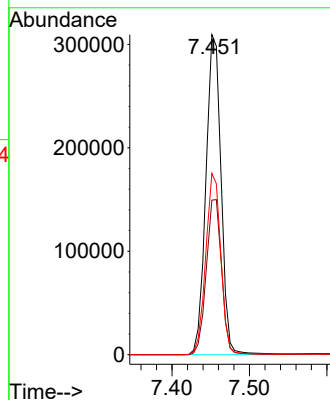
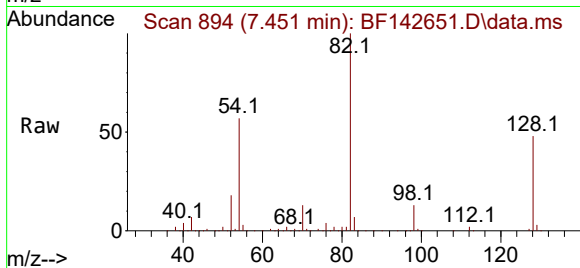
Tgt Ion: 82 Resp: 421343

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 56.6 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142651.D

Acq: 06 Jun 2025 17:31

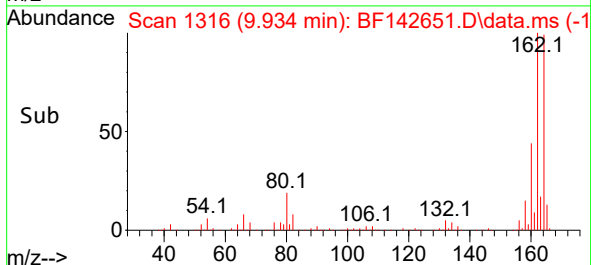
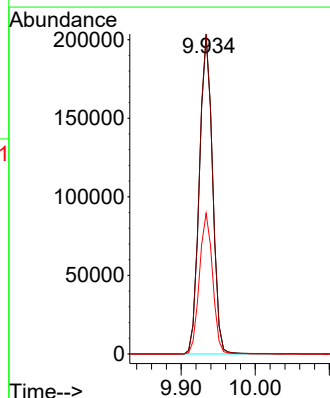
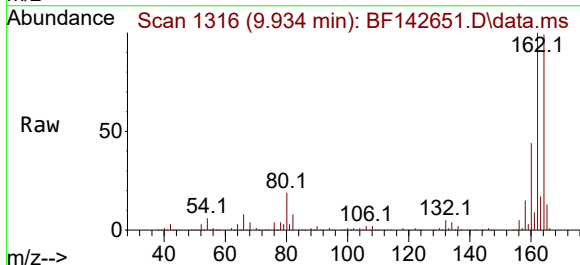
Tgt Ion:164 Resp: 248989

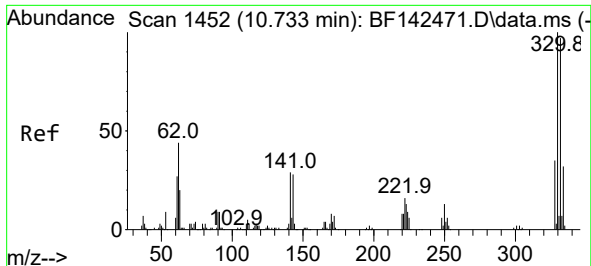
Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.4

160 44.3 35.6 53.4

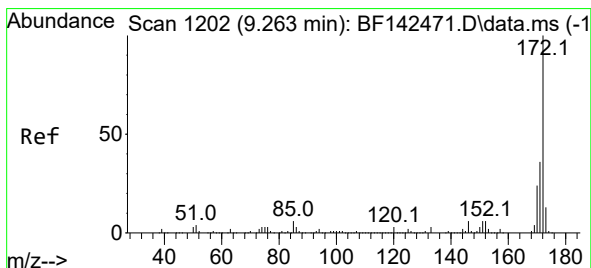
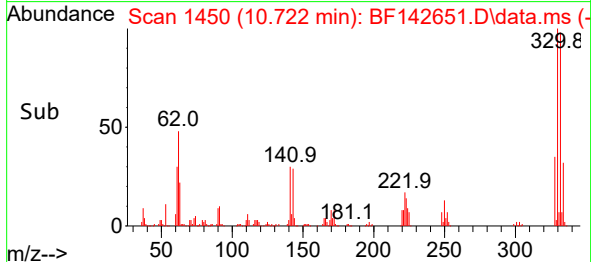
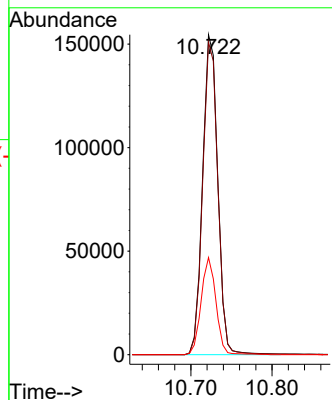
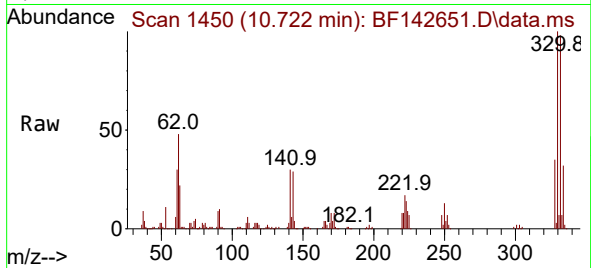




#42  
2,4,6-Tribromophenol  
Concen: 72.570 ng  
RT: 10.722 min Scan# 1452  
Delta R.T. -0.017 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

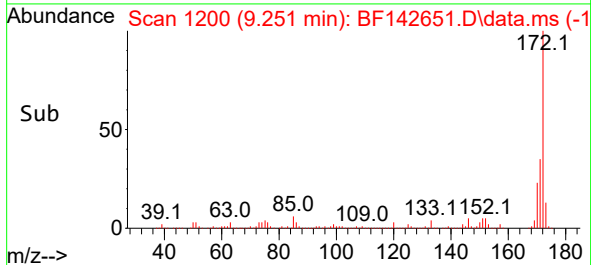
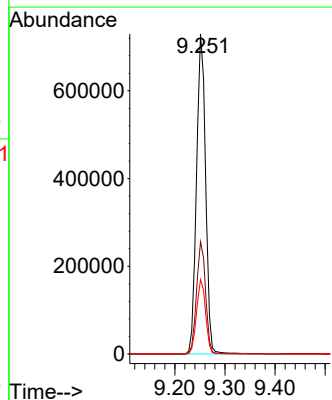
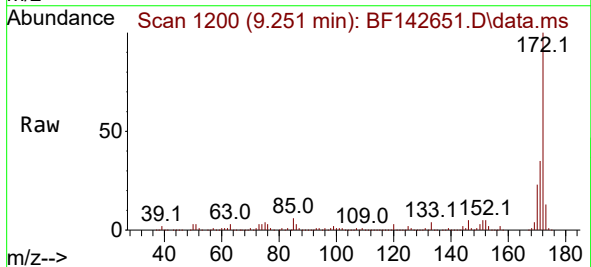
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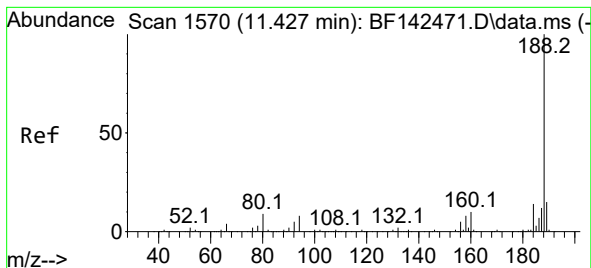
Tgt Ion:330 Resp: 200544  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.6 116.4  
141 29.7 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 49.508 ng  
RT: 9.251 min Scan# 1200  
Delta R.T. -0.017 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

Tgt Ion:172 Resp: 918643  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 42.8  
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142651.D

Acq: 06 Jun 2025 17:31

Instrument :

BNA\_F

ClientSampleId :

B-202-SB02

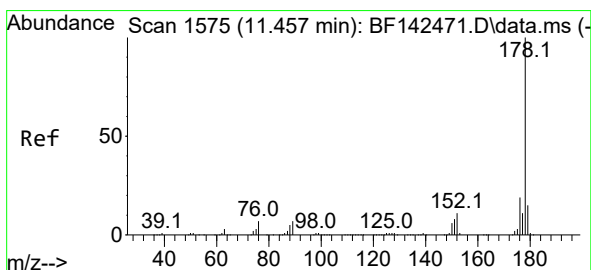
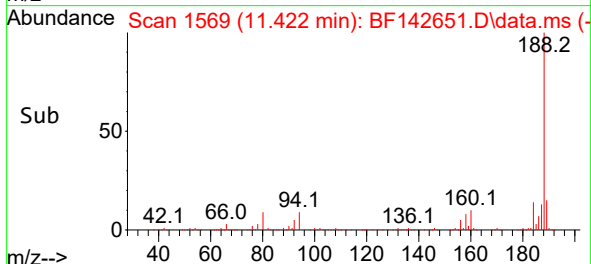
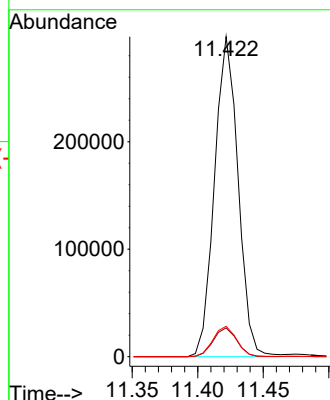
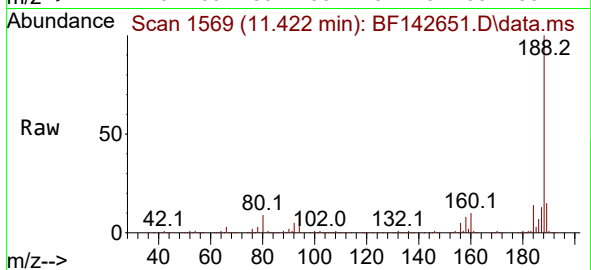
Tgt Ion:188 Resp: 371551

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.5 7.4 11.0



#71

Phenanthrene

Concen: 3.690 ng

RT: 11.445 min Scan# 1573

Delta R.T. -0.012 min

Lab File: BF142651.D

Acq: 06 Jun 2025 17:31

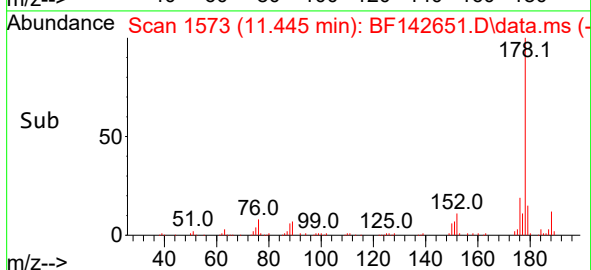
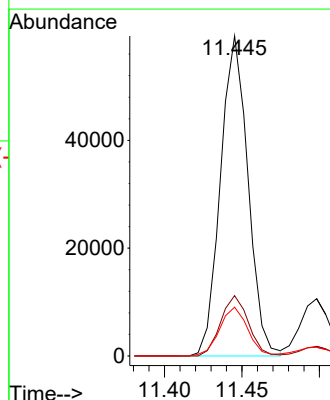
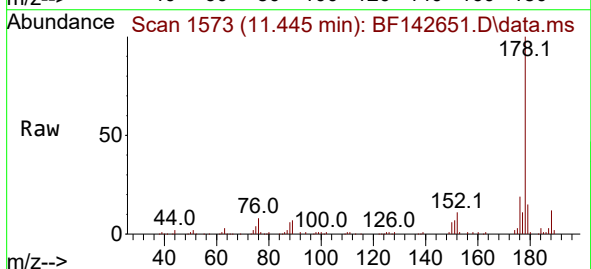
Tgt Ion:178 Resp: 73270

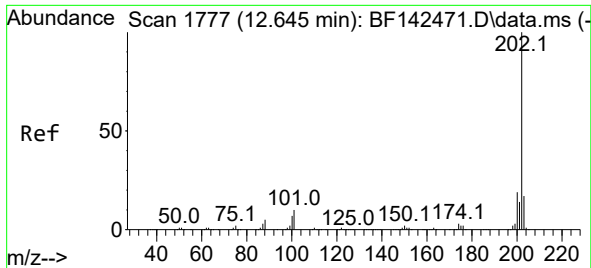
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.3 12.3 18.5

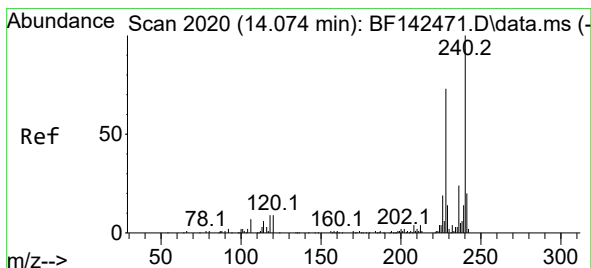
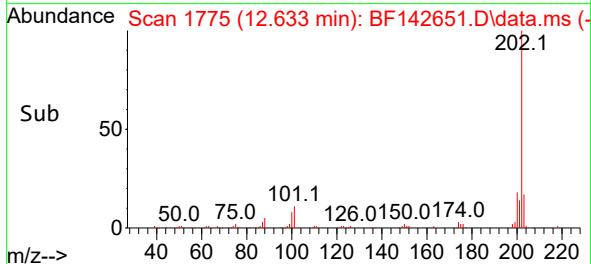
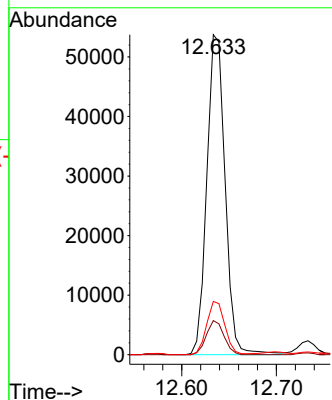
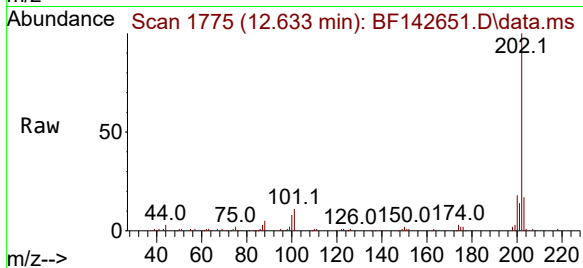




#75  
Fluoranthene  
Concen: 3.887 ng  
RT: 12.633 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

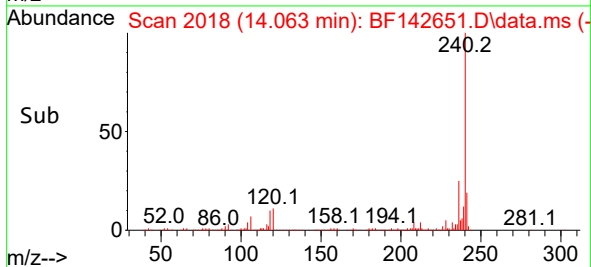
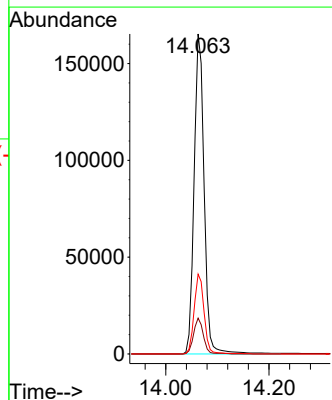
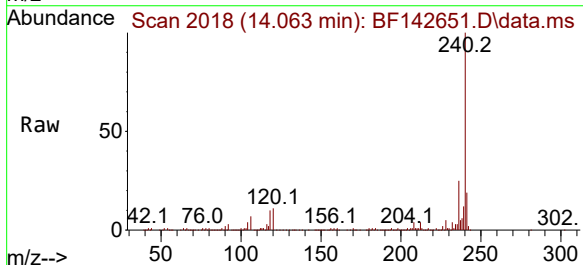
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Tgt Ion:202 Resp: 72115  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 29.6  
203 16.7 0.0 37.2

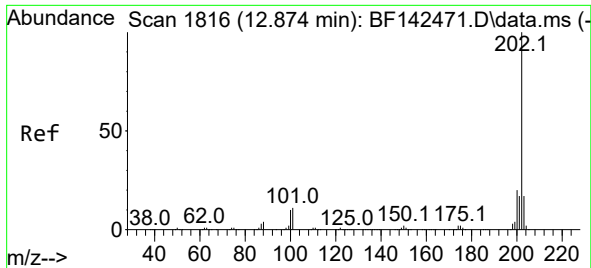


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

Tgt Ion:240 Resp: 222853  
Ion Ratio Lower Upper  
240 100  
120 11.2 7.5 11.3  
236 25.0 19.6 29.4



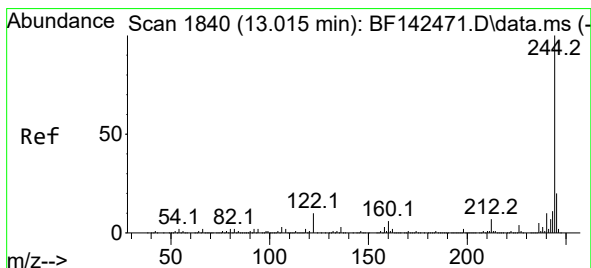
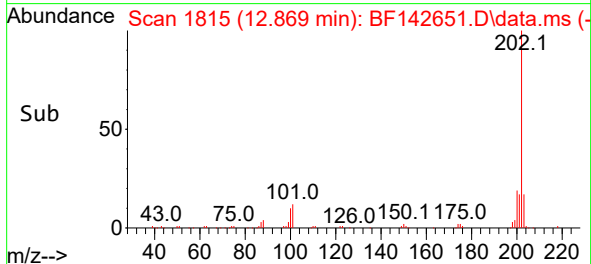
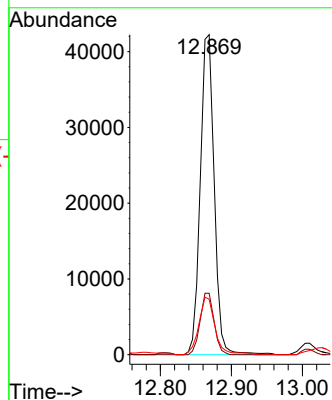
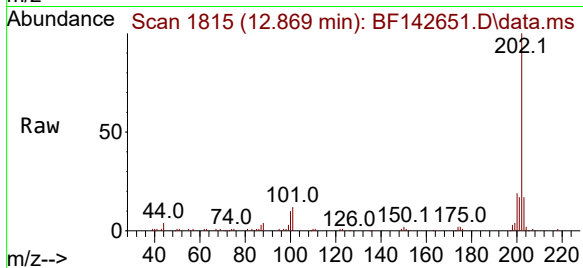




#78  
Pyrene  
Concen: 2.784 ng  
RT: 12.869 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

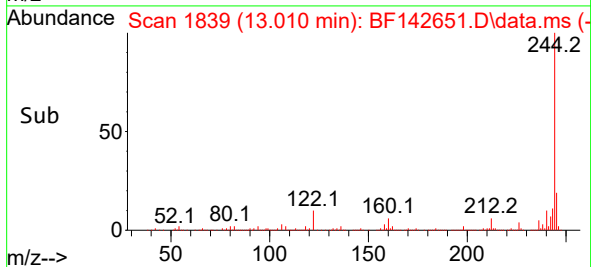
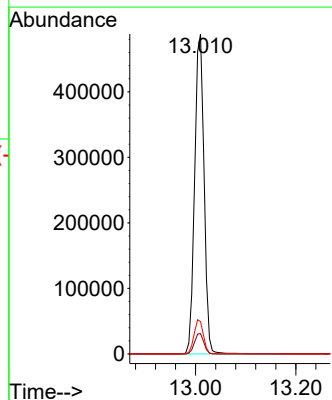
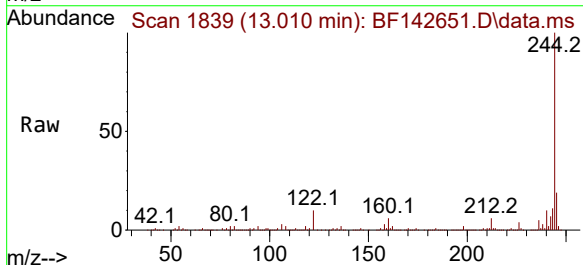
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BNA\_F  
ClientSampleId :  
B-202-SB02

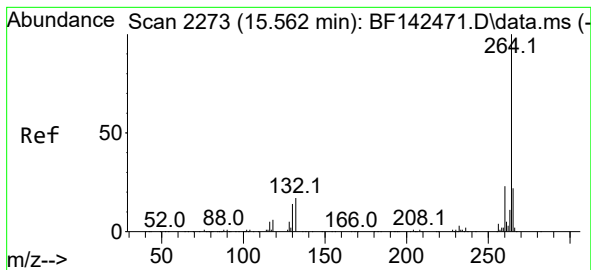
Tgt Ion:202 Resp: 57879  
Ion Ratio Lower Upper  
202 100  
200 19.2 16.1 24.1  
203 17.4 13.9 20.9



#79  
Terphenyl-d14  
Concen: 38.996 ng  
RT: 13.010 min Scan# 1839  
Delta R.T. -0.006 min  
Lab File: BF142651.D  
Acq: 06 Jun 2025 17:31

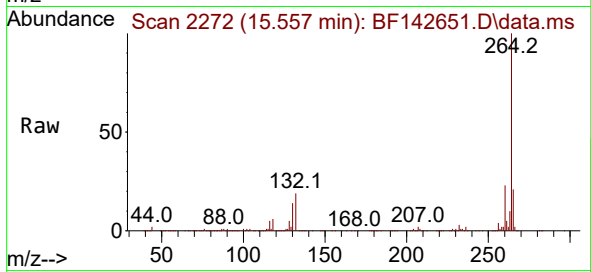
Tgt Ion:244 Resp: 635932  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.3 7.9  
122 10.1 8.2 12.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF142651.D  
 Acq: 06 Jun 2025 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-202-SB02



Tgt Ion:264 Resp: 271822  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 28.0  
 265 21.1 17.7 26.5

