

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091625\  
 Data File : BF143767.D  
 Acq On : 16 Sep 2025 11:23  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Sep 16 16:05:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 16 15:40:08 2025  
 Response via : Initial Calibration

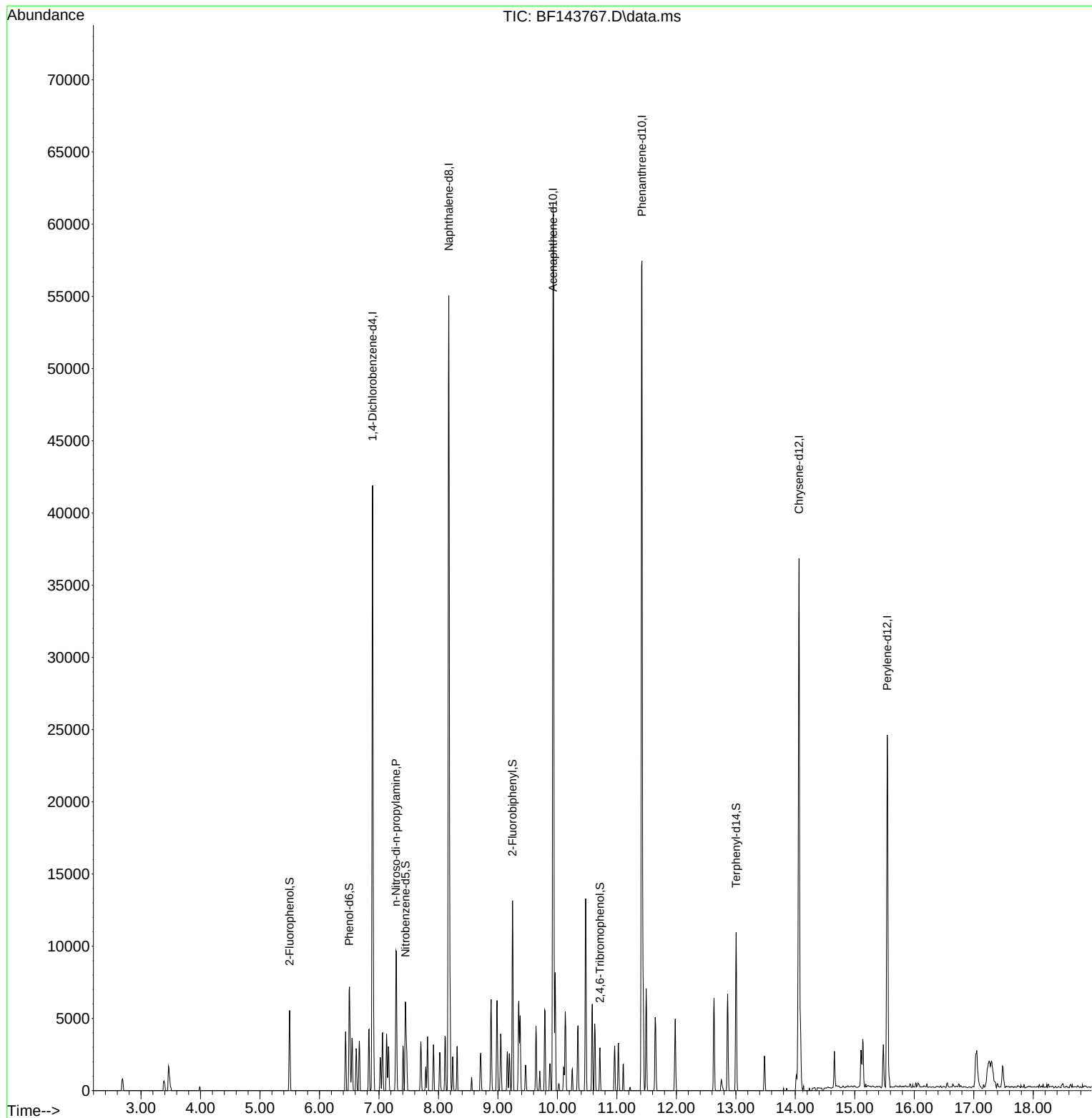
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 9211     | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 8.175  | 136  | 37291    | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 9.928  | 164  | 19751    | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 11.422 | 188  | 32987    | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 14.063 | 240  | 18916    | 20.000 | ng    | -0.01       |
| 86) Perylene-d12              | 15.545 | 264  | 15882    | 20.000 | ng    | -0.01       |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.498  | 112  | 2535     | 4.394  | ng    | -0.01       |
| 7) Phenol-d6                  | 6.498  | 99   | 3369     | 5.000  | ng    | -0.03       |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 3111     | 4.936  | ng    | -0.02       |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 877      | 4.402  | ng    | -0.02       |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 7359     | 5.129  | ng    | -0.01       |
| 79) Terphenyl-d14             | 13.004 | 244  | 7156     | 5.892  | ng    | -0.01       |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 1054     | 2.692  | ng    | Qvalue # 94 |
| -----                         |        |      |          |        |       |             |

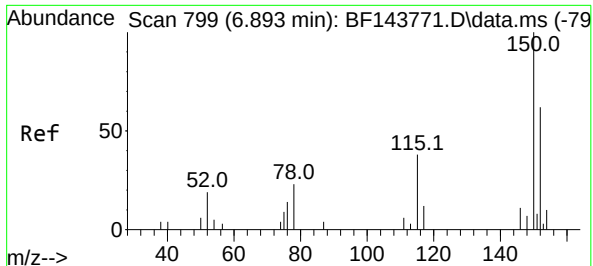
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091625\  
Data File : BF143767.D  
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Sample : SSTDICC2.5  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Quant Time: Sep 16 16:05:45 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091625.M  
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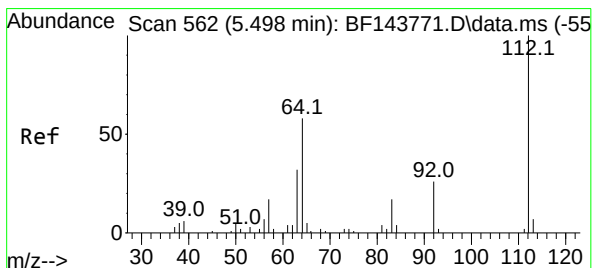
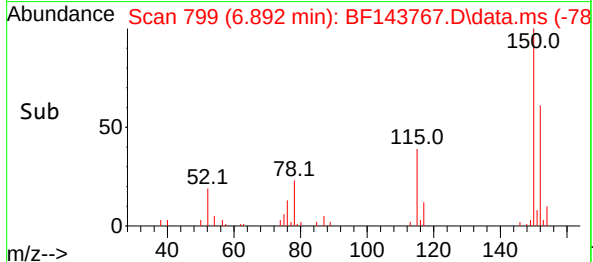
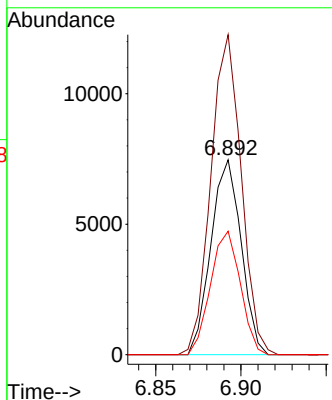
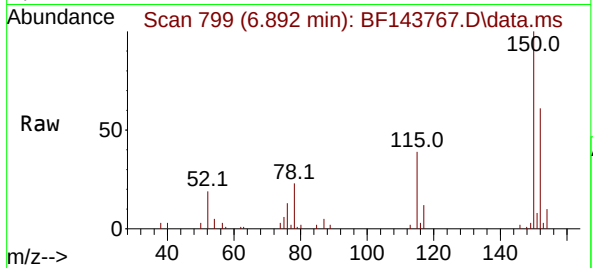




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

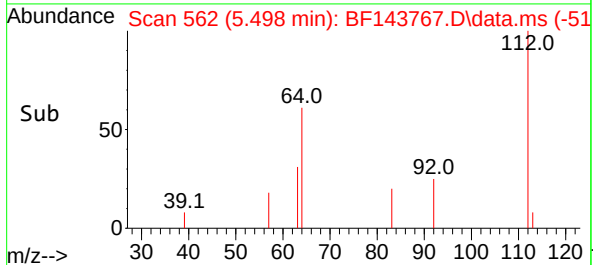
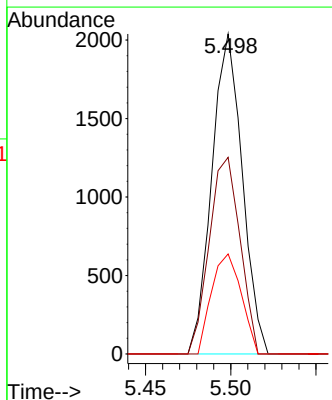
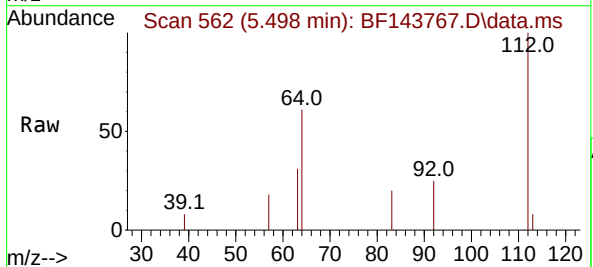
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

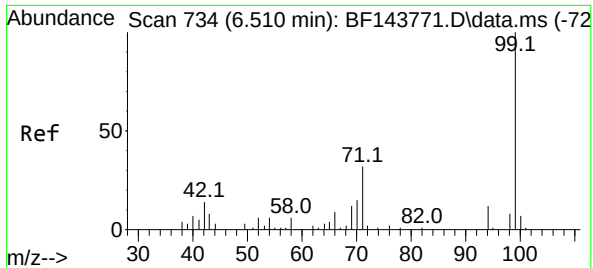
Tgt Ion:152 Resp: 9211  
Ion Ratio Lower Upper  
152 100  
150 164.2 128.8 193.2  
115 63.3 49.1 73.7



#5  
2-Fluorophenol  
Concen: 4.394 ng  
RT: 5.498 min Scan# 562  
Delta R.T. -0.012 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

Tgt Ion:112 Resp: 2535  
Ion Ratio Lower Upper  
112 100  
64 61.5 46.3 69.5  
63 31.2 25.4 38.2

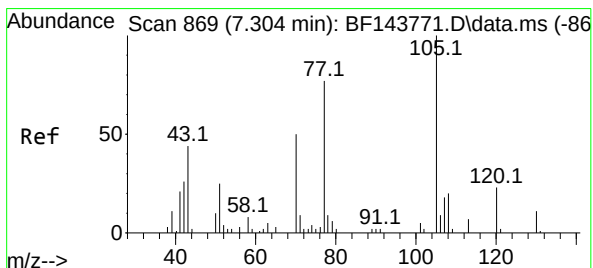
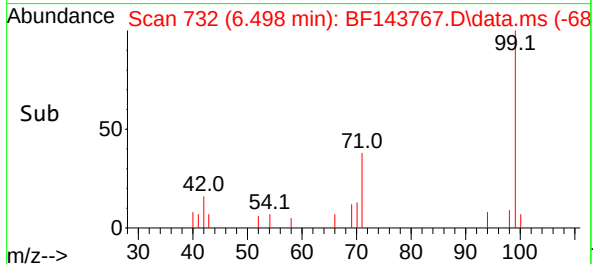
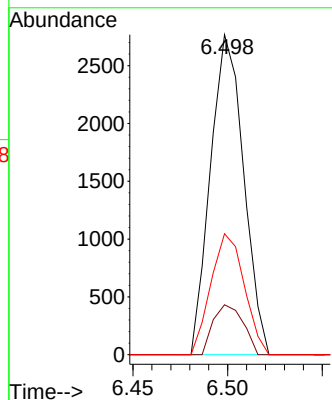
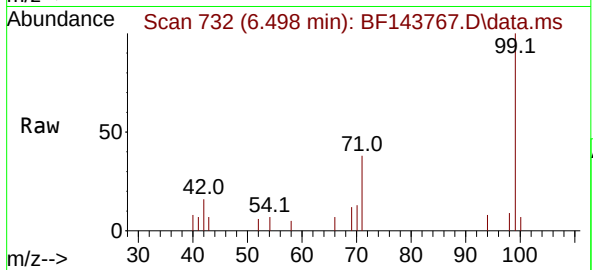




#7  
Phenol-d6  
Concen: 5.000 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.029 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

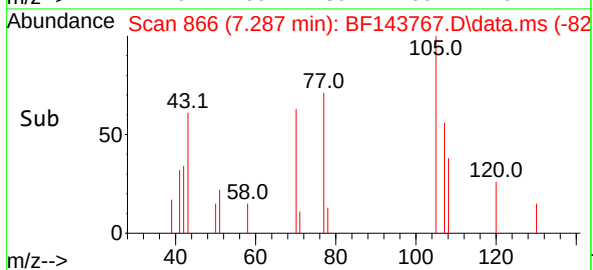
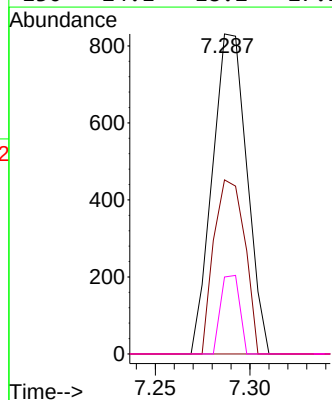
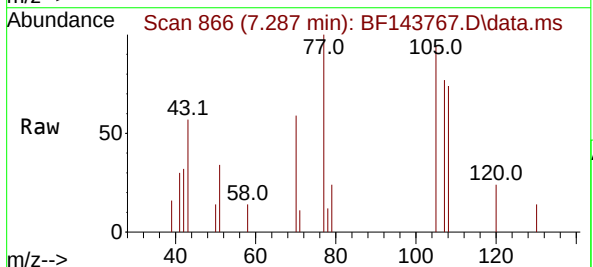
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

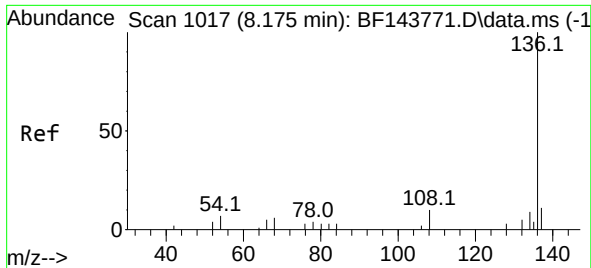
Tgt Ion: 99 Resp: 3369  
Ion Ratio Lower Upper  
99 100  
42 15.6 11.5 17.3  
71 37.8 25.4 38.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.692 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.035 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

Tgt Ion: 70 Resp: 1054  
Ion Ratio Lower Upper  
70 100  
42 54.4 41.0 61.6  
101 0.0 7.4 11.0#  
130 24.1 18.2 27.2

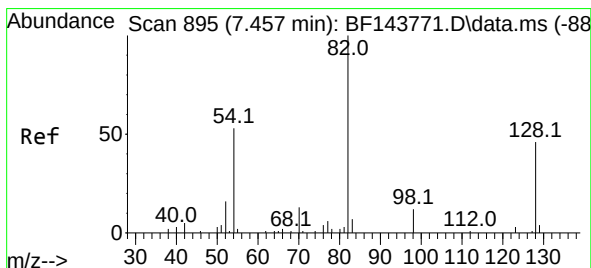
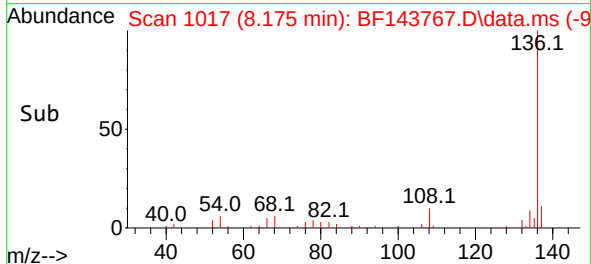
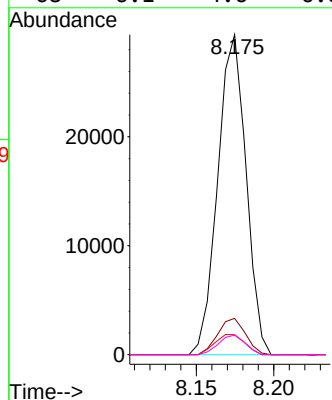
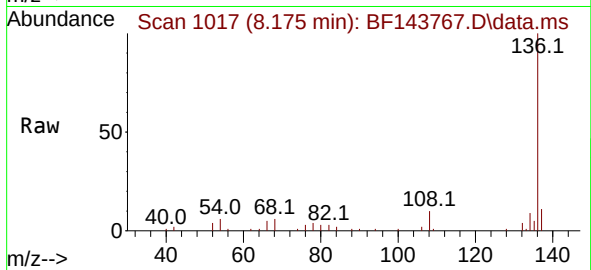




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

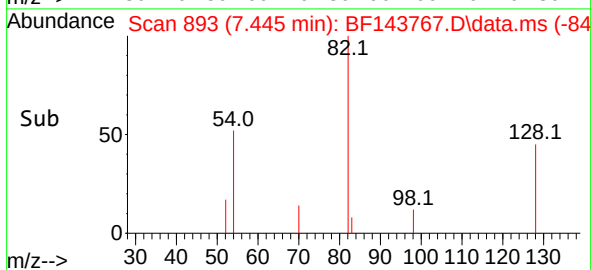
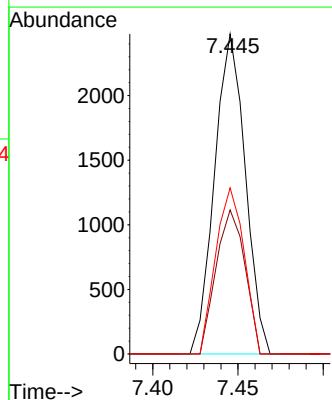
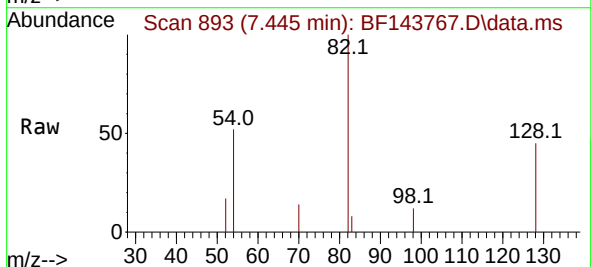
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

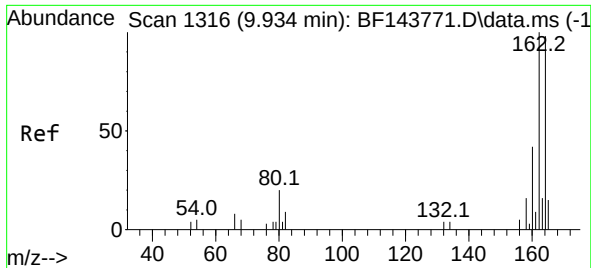
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 37291 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 8.9   | 13.3  |
| 54       | 6.2   | 5.9   | 8.9   |
| 68       | 6.1   | 4.6   | 6.8   |



#23  
Nitrobenzene-d5  
Concen: 4.936 ng  
RT: 7.445 min Scan# 893  
Delta R.T. -0.023 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

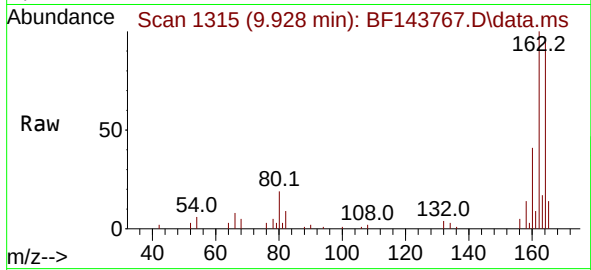
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3111  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.0  | 36.6  | 55.0  |
| 54       | 51.9  | 41.9  | 62.9  |



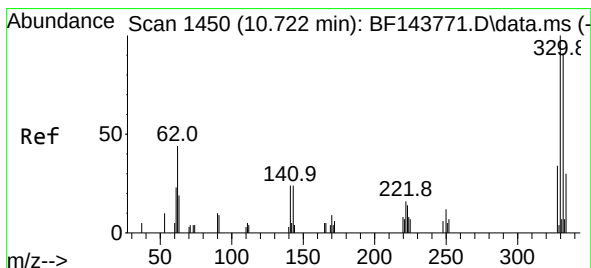
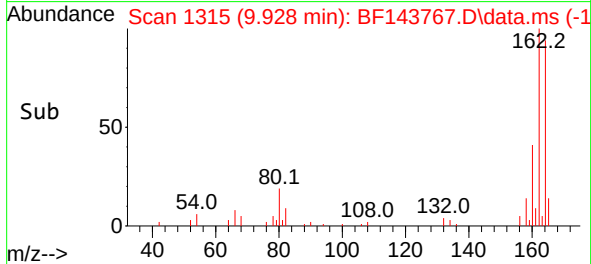
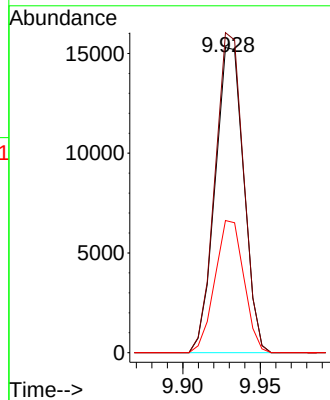


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

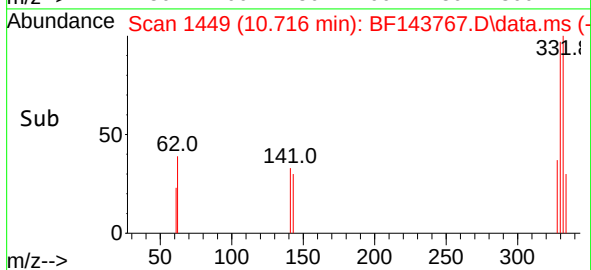
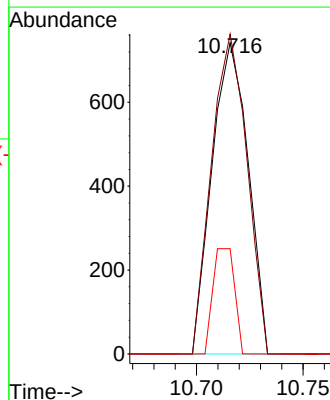
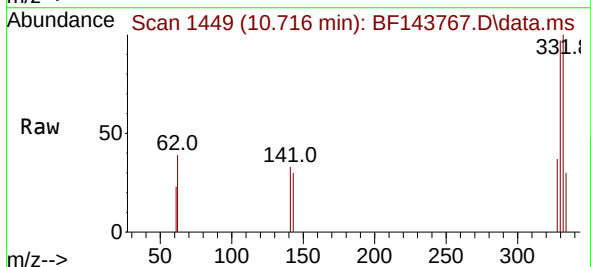


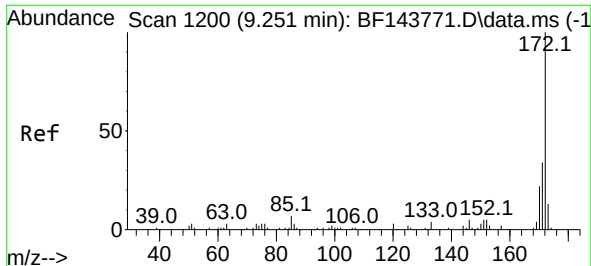
Tgt Ion:164 Resp: 19751  
Ion Ratio Lower Upper  
164 100  
162 104.9 81.5 122.3  
160 43.3 33.9 50.9



#42  
2,4,6-Tribromophenol  
Concen: 4.402 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.018 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

Tgt Ion:330 Resp: 877  
Ion Ratio Lower Upper  
330 100  
332 100.7 72.0 108.0  
141 20.2 20.3 30.5#





#45

2-Fluorobiphenyl

Concen: 5.129 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143767.D

Acq: 16 Sep 2025 11:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

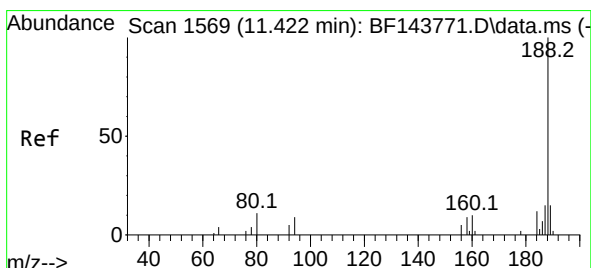
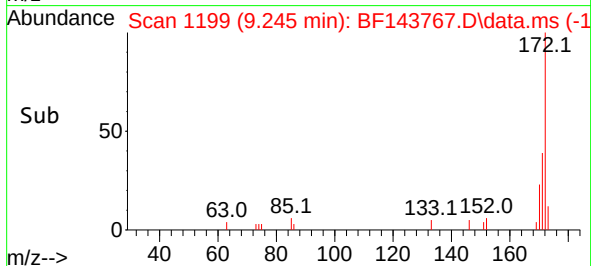
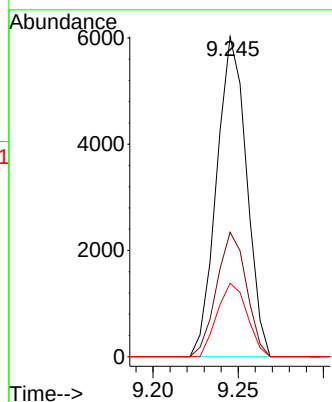
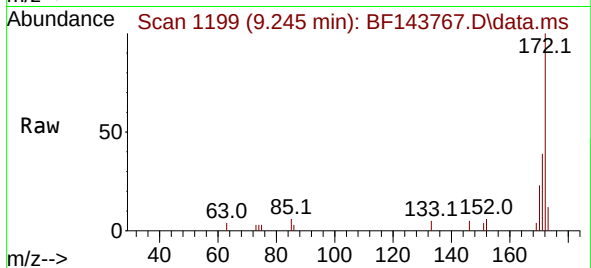
Tgt Ion:172 Resp: 7359

Ion Ratio Lower Upper

172 100

171 38.9 27.5 41.3

170 22.9 17.7 26.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF143767.D

Acq: 16 Sep 2025 11:23

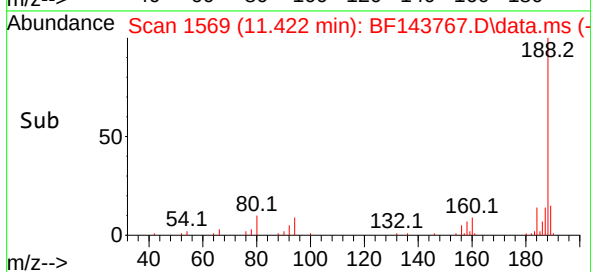
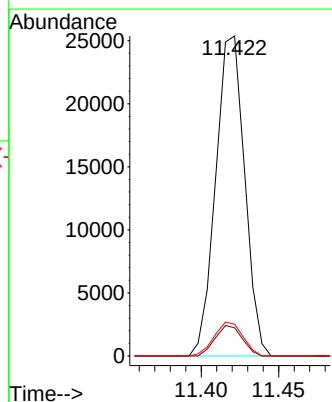
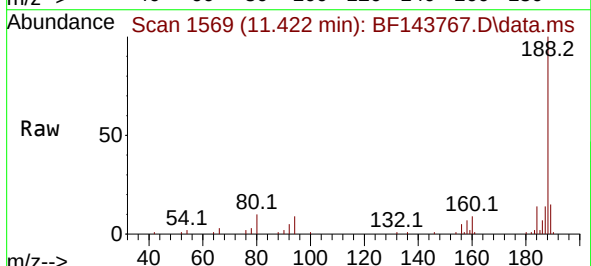
Tgt Ion:188 Resp: 32987

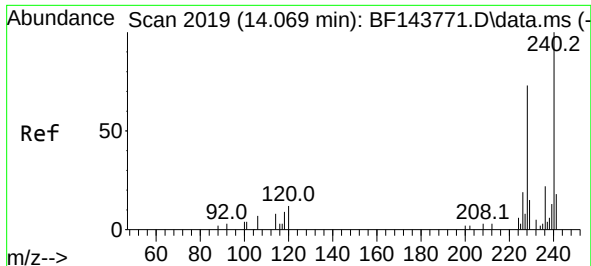
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.9 8.6 13.0

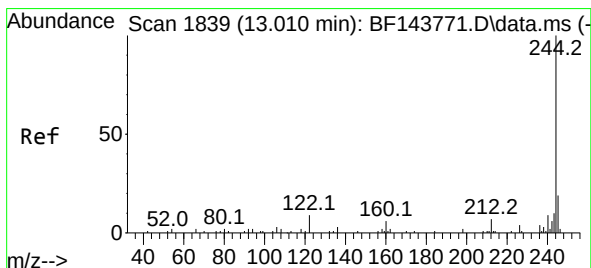
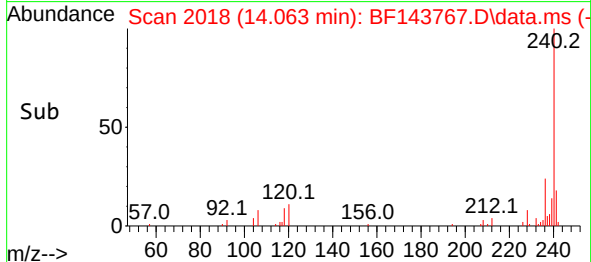
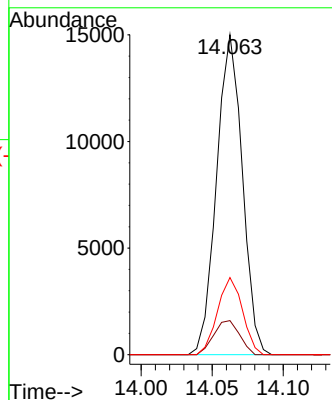
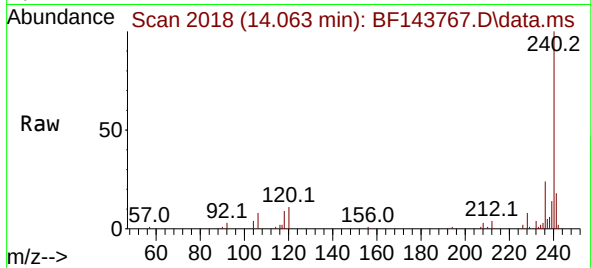




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

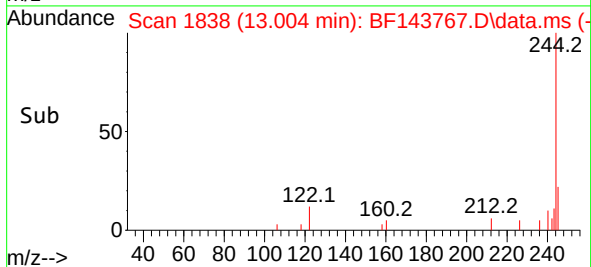
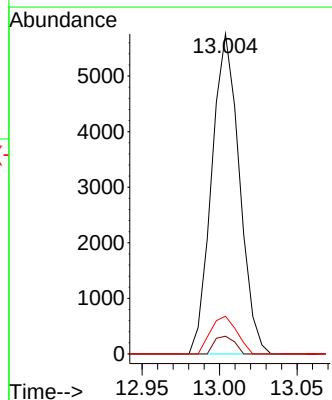
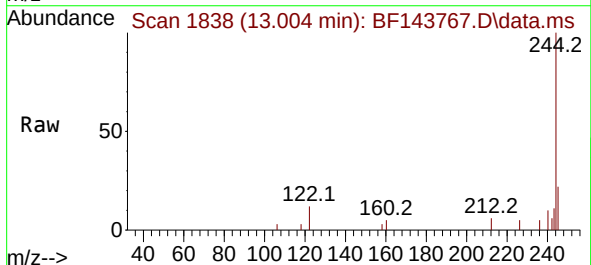
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:240 Resp: 18916  
Ion Ratio Lower Upper  
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120 10.6 9.3 13.9  
236 24.1 17.7 26.5

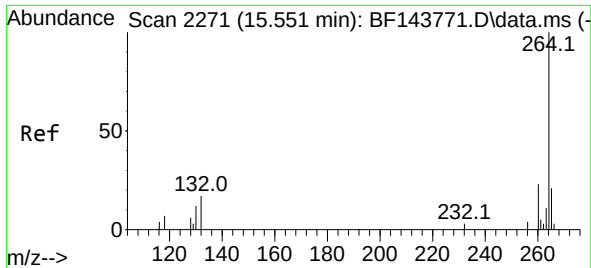


#79  
Terphenyl-d14  
Concen: 5.892 ng  
RT: 13.004 min Scan# 1838  
Delta R.T. -0.012 min  
Lab File: BF143767.D  
Acq: 16 Sep 2025 11:23

Tgt Ion:244 Resp: 7156  
Ion Ratio Lower Upper  
244 100  
212 5.5 5.2 7.8  
122 11.8 7.6 11.4#







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF143767.D  
 Acq: 16 Sep 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:264 Resp: 15882  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 18.6 27.8  
 265 21.7 16.9 25.3

