

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
 Data File : BF143746.D  
 Acq On : 12 Sep 2025 21:34  
 Operator : RC/JU  
 Sample : Q3073-02 20X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BEL-25-0023

Quant Time: Sep 12 23:48:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.893  | 152  | 26321    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 96817    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.933  | 164  | 48712    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 71497    | 20.000 | ng    | 0.01     |
| 76) Chrysene-d12            | 14.074 | 240  | 69728    | 20.000 | ng    | 0.03     |
| 86) Perylene-d12            | 15.563 | 264  | 53190    | 20.000 | ng    | 0.05     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 3385     | 2.194  | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 5227     | 2.783  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 3262     | 2.096  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 1305     | 2.658  | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 8032     | 2.491  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 7778     | 1.808  | ng    | 0.01     |

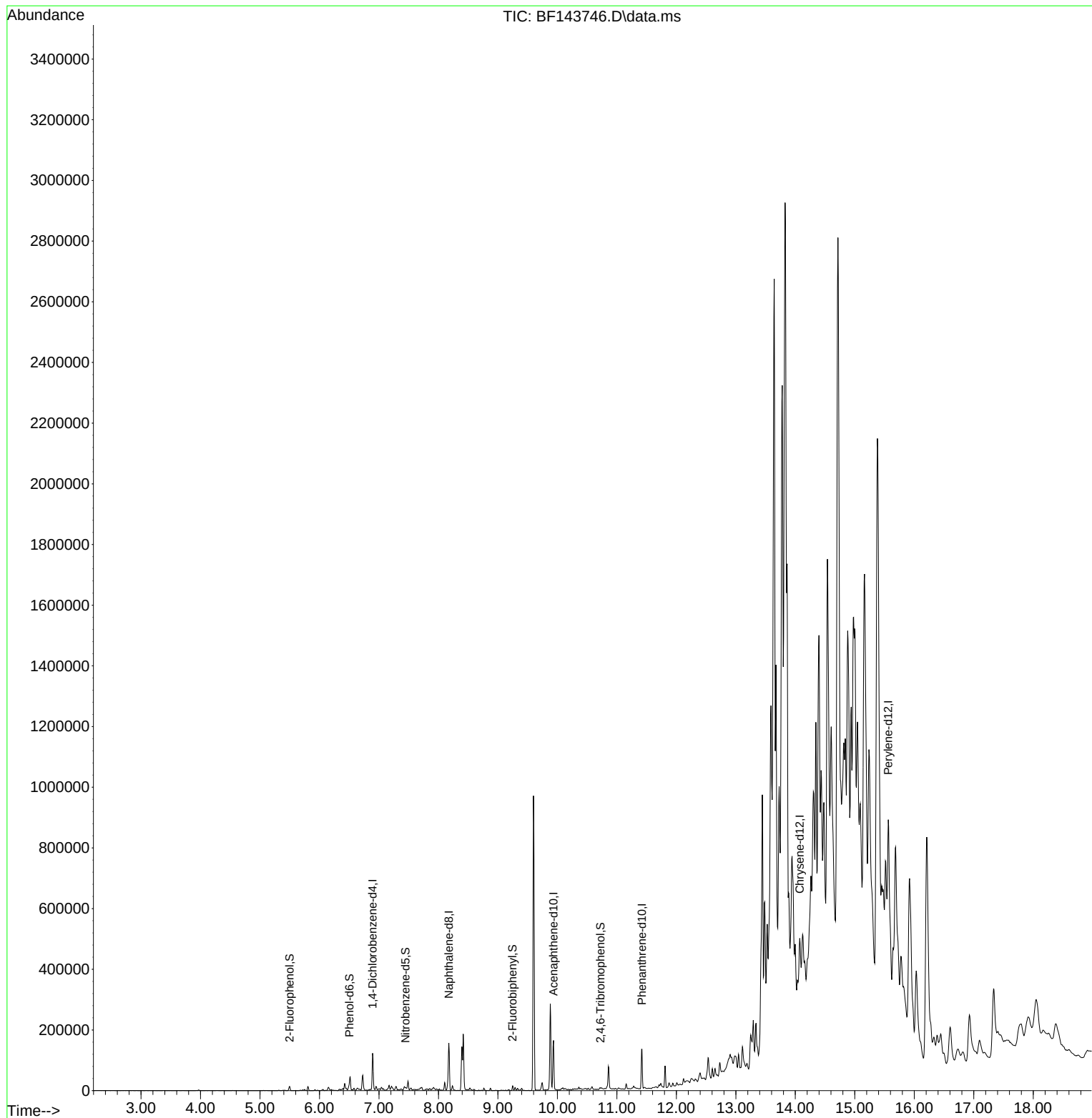
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

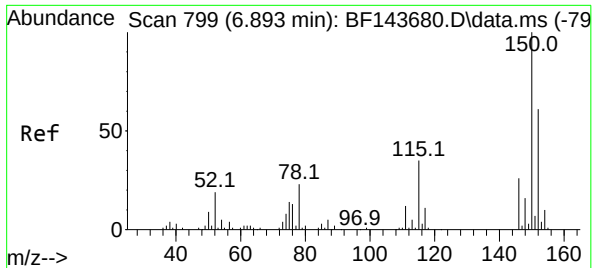
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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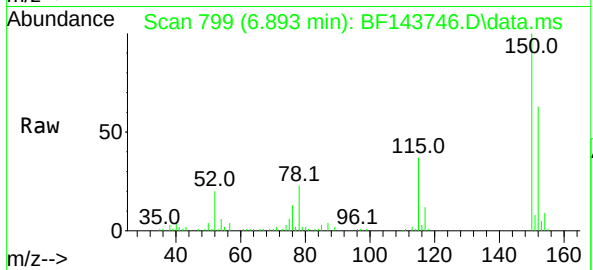
Quant Time: Sep 12 23:48:09 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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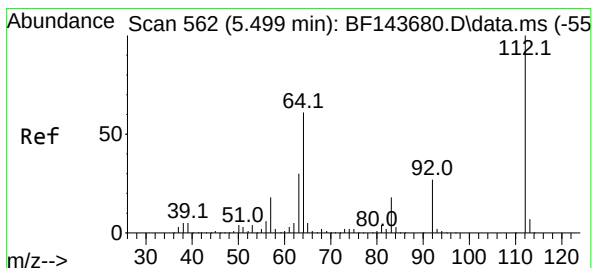
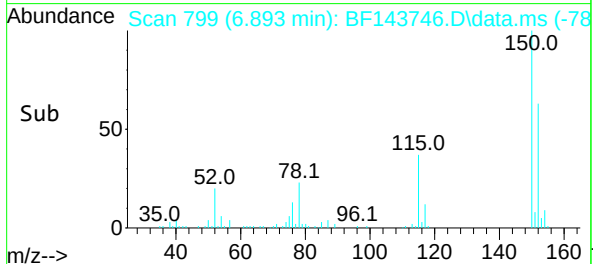
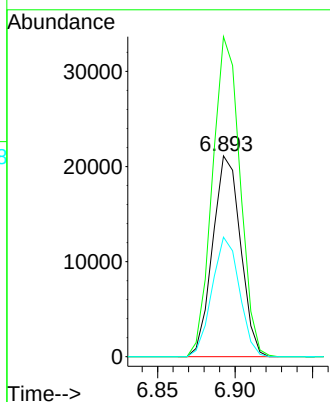


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF143746.D  
Acq: 12 Sep 2025 21:34

Instrument :  
BNA\_F  
ClientSampleId :  
BEL-25-0023

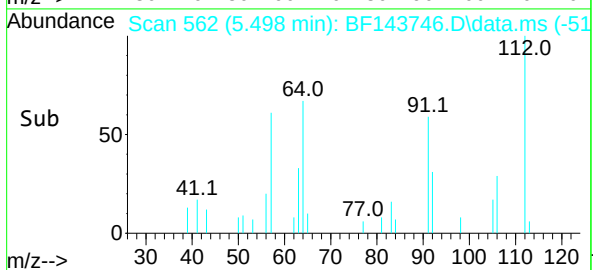
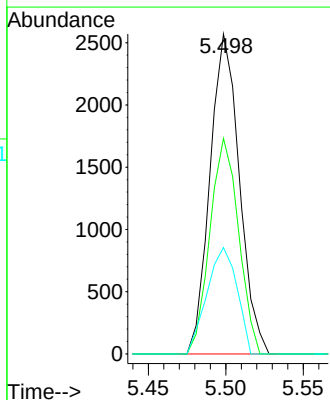
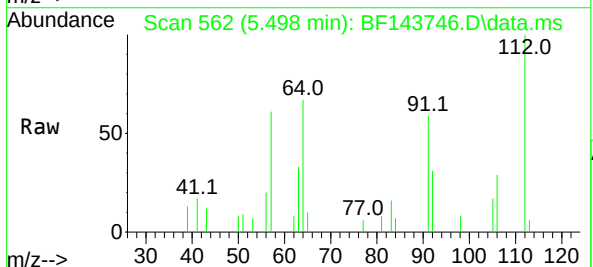


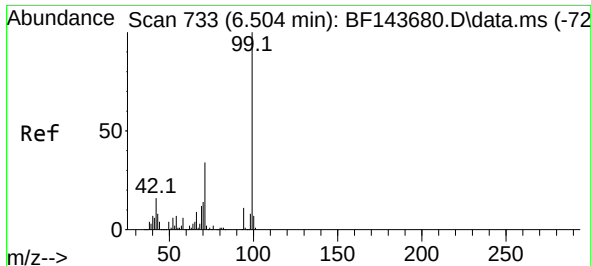
Tgt Ion:152 Resp: 26321  
Ion Ratio Lower Upper  
152 100  
150 159.4 130.7 196.1  
115 59.6 45.9 68.9



#5  
2-Fluorophenol  
Concen: 2.194 ng  
RT: 5.498 min Scan# 562  
Delta R.T. -0.000 min  
Lab File: BF143746.D  
Acq: 12 Sep 2025 21:34

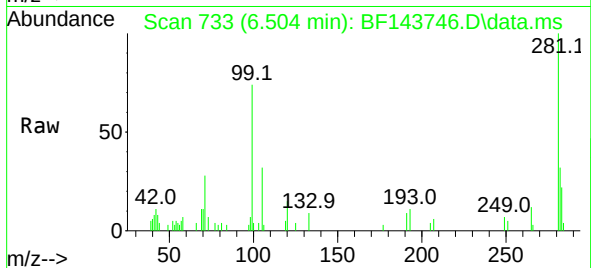
Tgt Ion:112 Resp: 3385  
Ion Ratio Lower Upper  
112 100  
64 67.4 49.0 73.4  
63 33.3 24.3 36.5



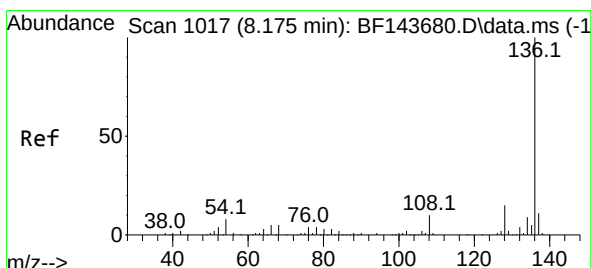
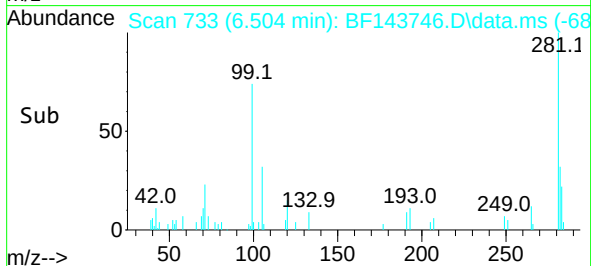
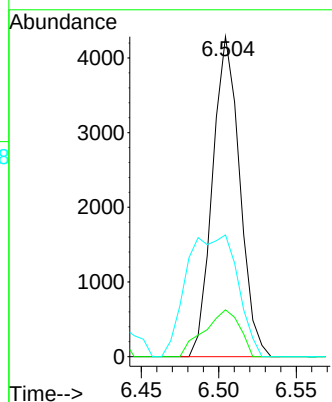


#7  
Phenol-d6  
Concen: 2.783 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF143746.D  
Acq: 12 Sep 2025 21:34

Instrument :  
BNA\_F  
ClientSampleId :  
BEL-25-0023

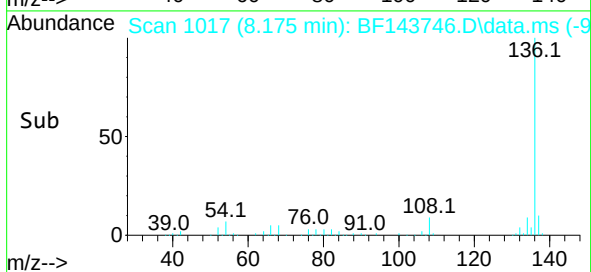
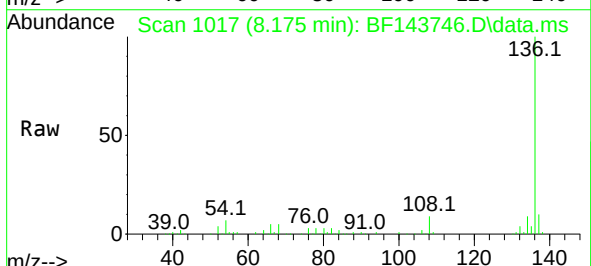
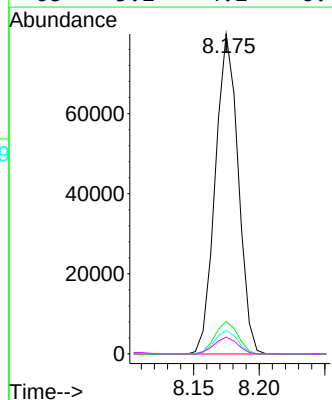


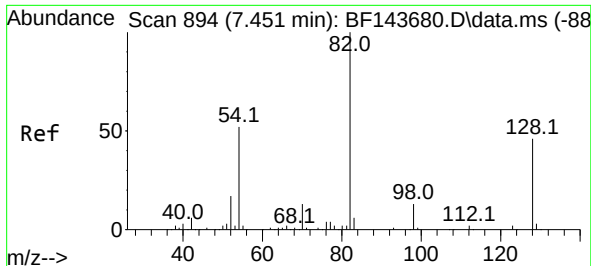
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5227  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 14.6  | 13.0  | 19.4  |
| 71       | 38.1  | 27.4  | 41.2  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF143746.D  
Acq: 12 Sep 2025 21:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 96817 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.1  | 8.7   | 13.1  |
| 54       | 7.4   | 6.2   | 9.2   |
| 68       | 5.2   | 4.2   | 6.4   |





#23

Nitrobenzene-d5

Concen: 2.096 ng

RT: 7.445 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143746.D

Acq: 12 Sep 2025 21:34

Instrument :

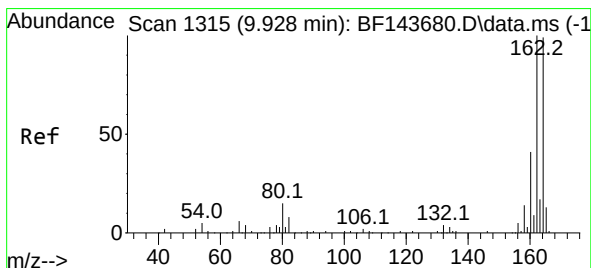
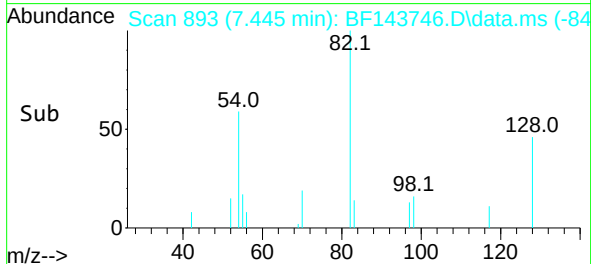
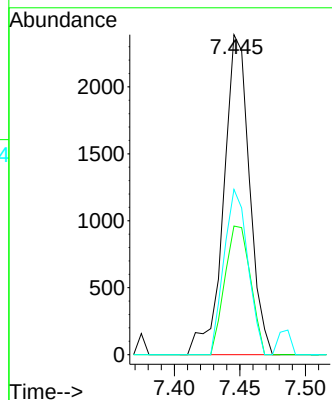
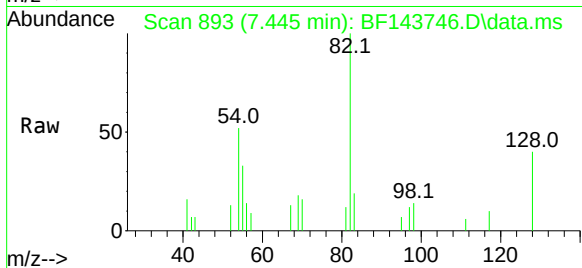
BNA\_F

ClientSampleId :

BEL-25-0023

Tgt Ion: 82 Resp: 3262

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.2  | 37.0  | 55.4  |
| 54  | 51.6  | 41.8  | 62.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

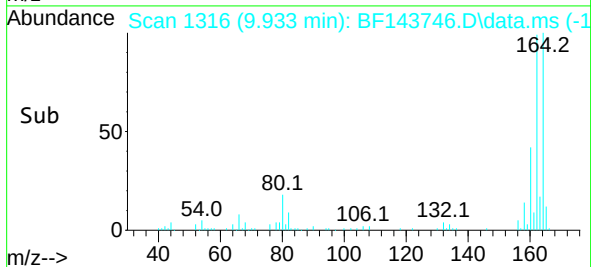
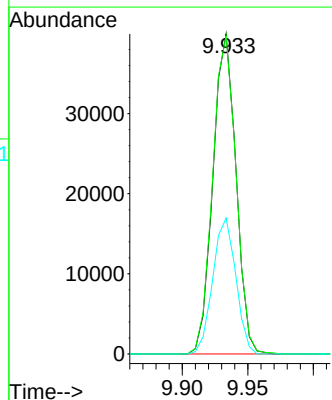
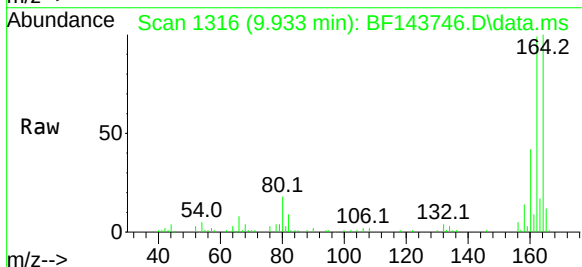
Delta R.T. 0.006 min

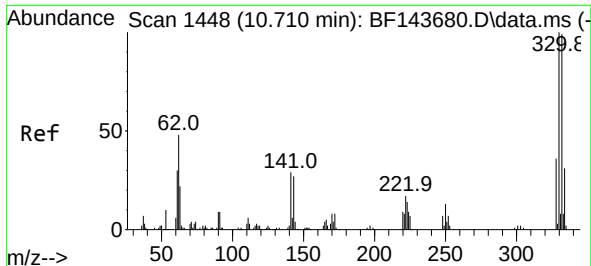
Lab File: BF143746.D

Acq: 12 Sep 2025 21:34

Tgt Ion: 164 Resp: 48712

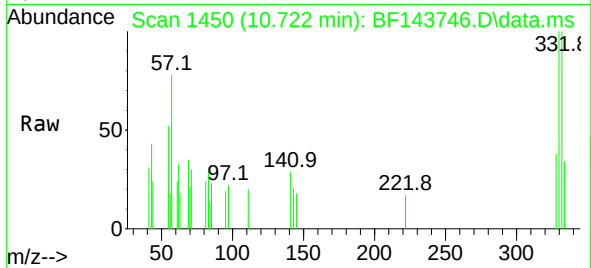
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.4  | 80.6  | 121.0 |
| 160 | 42.4  | 33.0  | 49.4  |



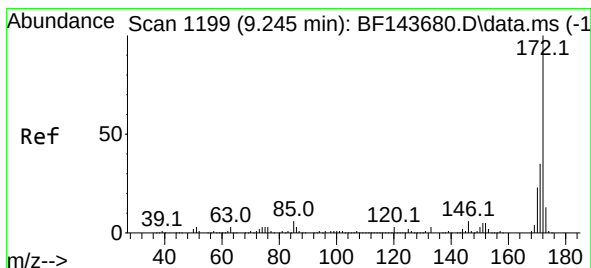
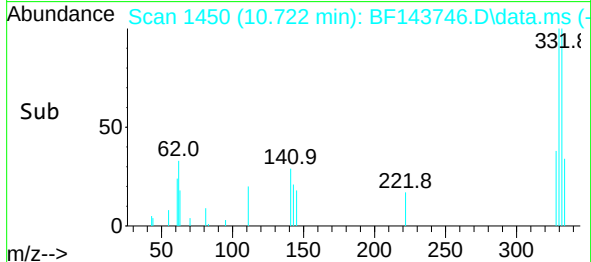
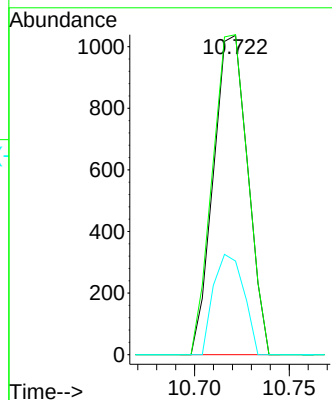


#42  
2,4,6-Tribromophenol  
Concen: 2.658 ng  
RT: 10.722 min Scan# 1448  
Delta R.T. 0.012 min  
Lab File: BF143746.D  
Acq: 12 Sep 2025 21:34

Instrument :  
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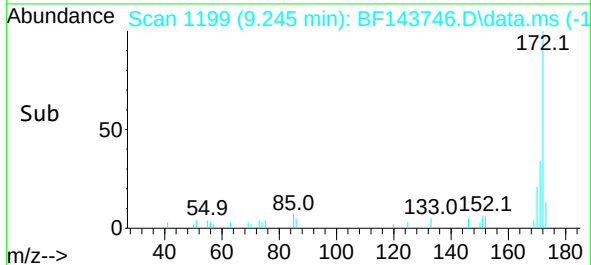
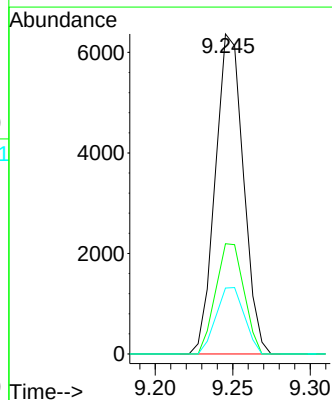
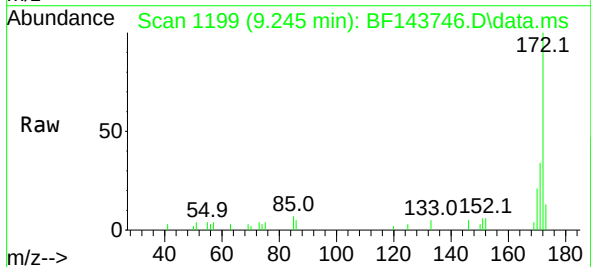


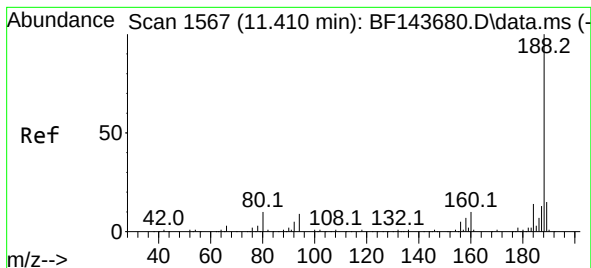
Tgt Ion: 330 Resp: 1305  
Ion Ratio Lower Upper  
330 100  
332 102.8 79.2 118.8  
141 27.8 22.2 33.4



#45  
2-Fluorobiphenyl  
Concen: 2.491 ng  
RT: 9.245 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BF143746.D  
Acq: 12 Sep 2025 21:34

Tgt Ion: 172 Resp: 8032  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.9 41.9  
170 20.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143746.D

Acq: 12 Sep 2025 21:34

Instrument :

BNA\_F

ClientSampleId :

BEL-25-0023

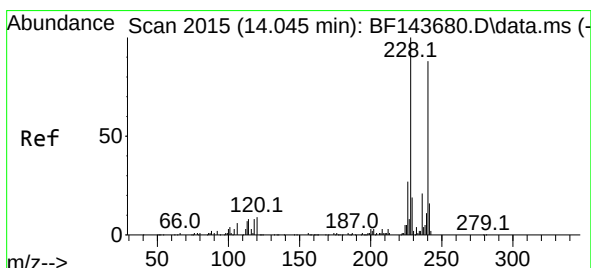
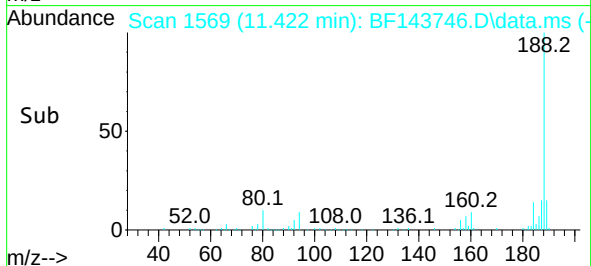
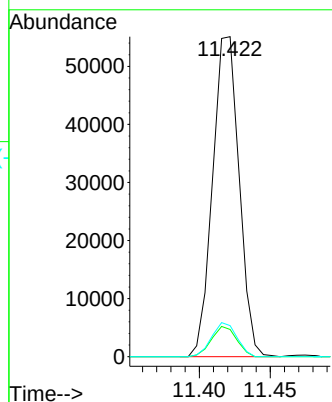
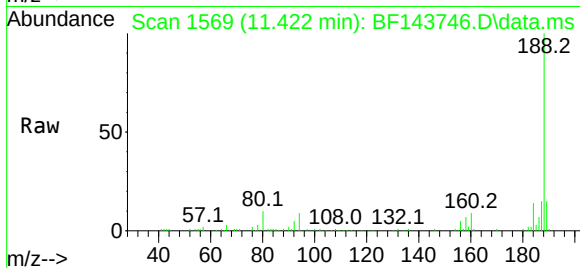
Tgt Ion:188 Resp: 71497

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.029 min

Lab File: BF143746.D

Acq: 12 Sep 2025 21:34

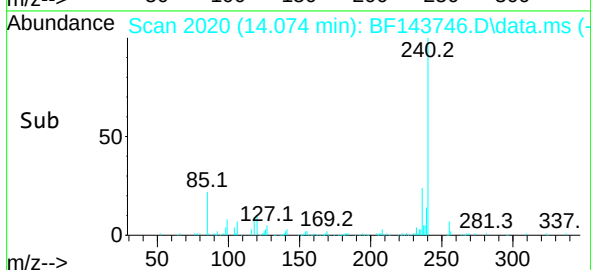
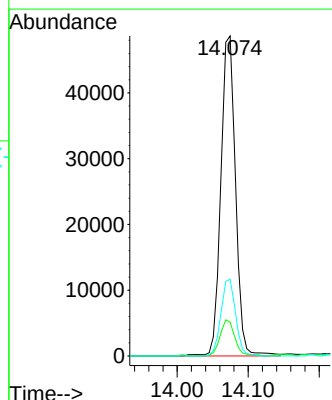
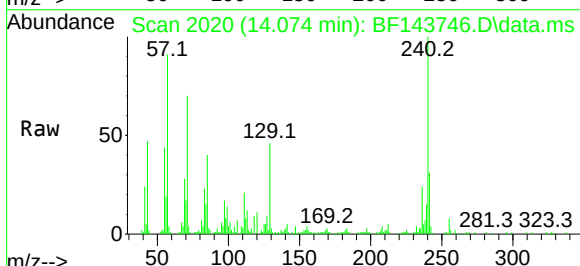
Tgt Ion:240 Resp: 69728

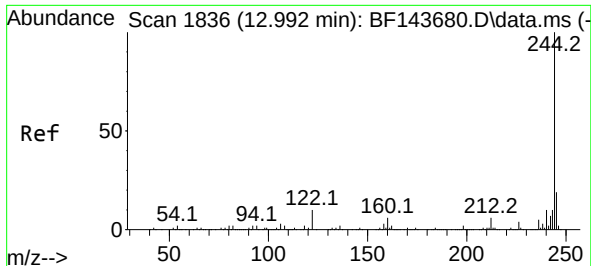
Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 24.0 18.6 28.0





#79

Terphenyl-d14

Concen: 1.808 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143746.D

Acq: 12 Sep 2025 21:34

Instrument :

BNA\_F

ClientSampleId :

BEL-25-0023

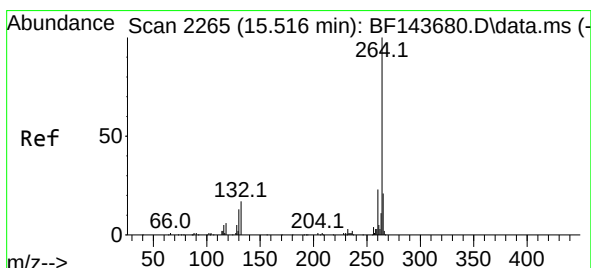
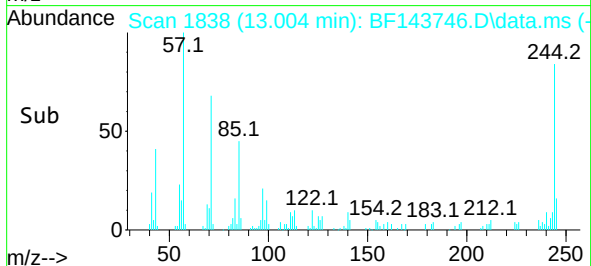
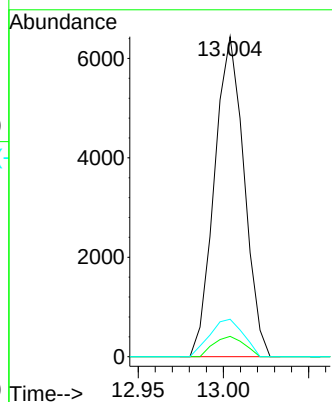
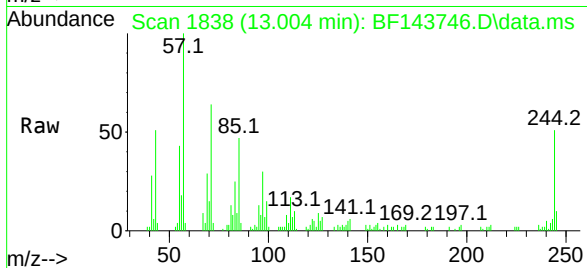
Tgt Ion:244 Resp: 7778

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 11.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.047 min

Lab File: BF143746.D

Acq: 12 Sep 2025 21:34

Tgt Ion:264 Resp: 53190

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 23.0 17.1 25.7

