

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082025\  
 Data File : BF143515.D  
 Acq On : 21 Aug 2025 06:15  
 Operator : RC/JU  
 Sample : Q2815-08  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TW-88H-N

Quant Time: Aug 21 07:07:17 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 21 06:12:21 2025  
 Response via : Initial Calibration

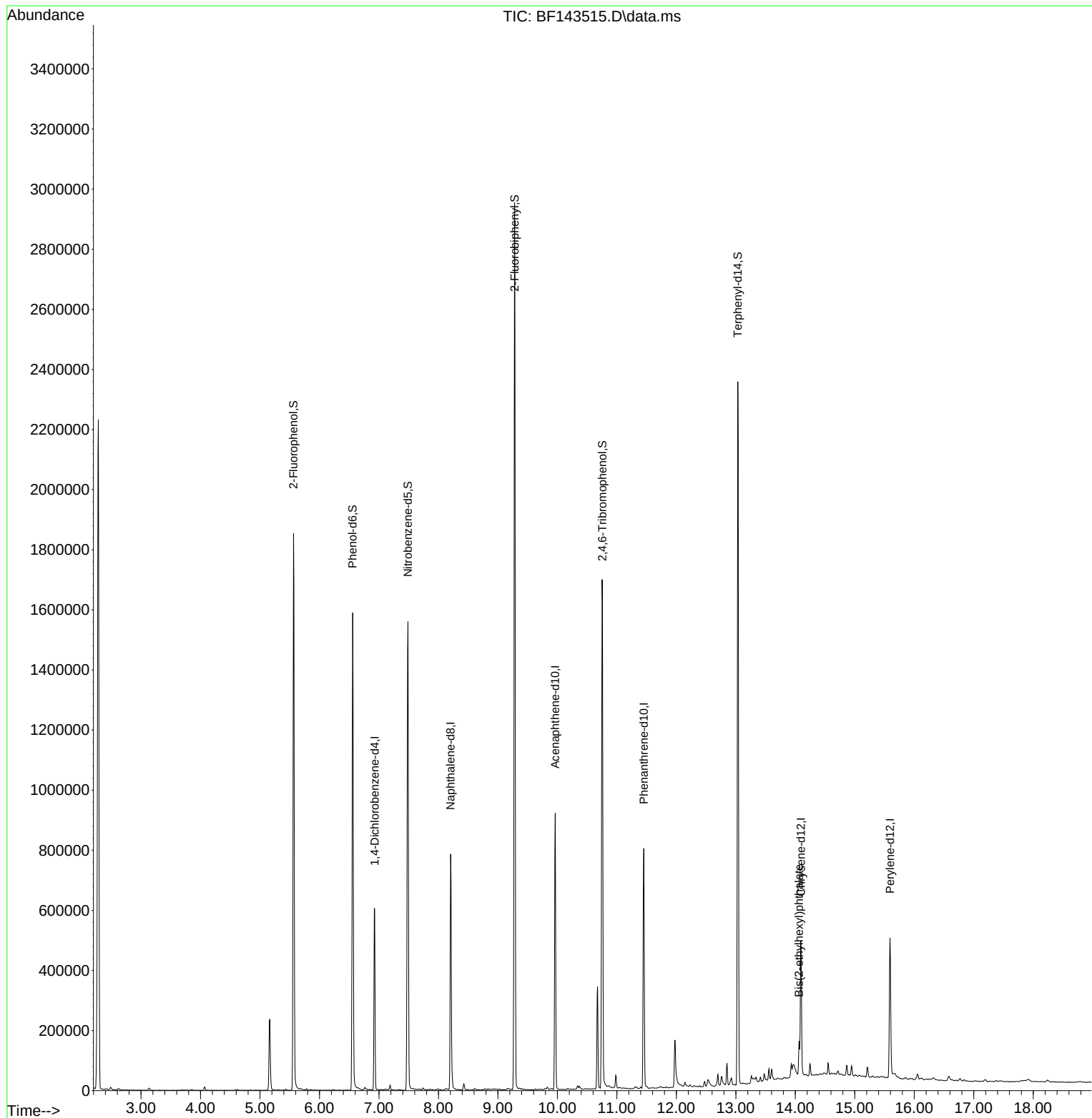
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)      |
|-------------------------------|--------|------|----------|---------|-------|---------------|
| -----                         |        |      |          |         |       |               |
| Internal Standards            |        |      |          |         |       |               |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 131555   | 20.000  | ng    | 0.00          |
| 21) Naphthalene-d8            | 8.204  | 136  | 502957   | 20.000  | ng    | 0.00          |
| 39) Acenaphthene-d10          | 9.963  | 164  | 275165   | 20.000  | ng    | 0.00          |
| 64) Phenanthrene-d10          | 11.451 | 188  | 407593   | 20.000  | ng    | 0.00          |
| 76) Chrysene-d12              | 14.092 | 240  | 230062   | 20.000  | ng    | -0.01         |
| 86) Perylene-d12              | 15.592 | 264  | 280966   | 20.000  | ng    | 0.00          |
| System Monitoring Compounds   |        |      |          |         |       |               |
| 5) 2-Fluorophenol             | 5.563  | 112  | 685414   | 90.977  | ng    | 0.00          |
| 7) Phenol-d6                  | 6.557  | 99   | 724585   | 77.910  | ng    | -0.02         |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 727020   | 84.351  | ng    | -0.01         |
| 42) 2,4,6-Tribromophenol      | 10.757 | 330  | 315296   | 123.096 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 1315624  | 79.018  | ng    | 0.00          |
| 79) Terphenyl-d14             | 13.033 | 244  | 1158463  | 87.870  | ng    | 0.00          |
| Target Compounds              |        |      |          |         |       |               |
| 84) Bis(2-ethylhexyl)phtha... | 14.063 | 149  | 42503    | 5.398   | ng    | Qvalue<br>100 |
| -----                         |        |      |          |         |       |               |

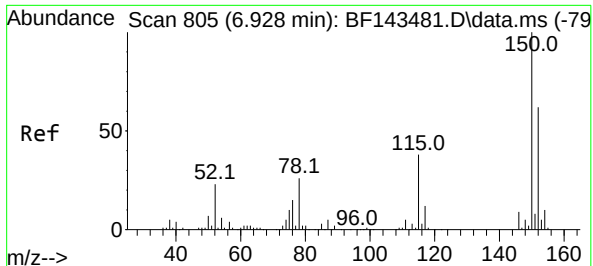
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082025\  
Data File : BF143515.D  
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Sample : Q2815-08  
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ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
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TW-88H-N

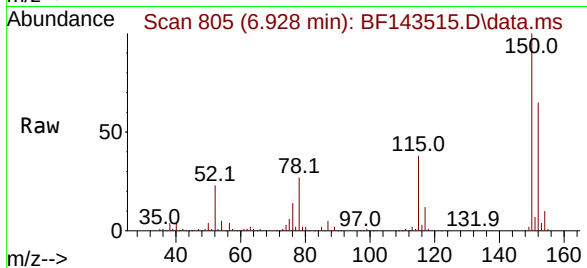
Quant Time: Aug 21 07:07:17 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 21 06:12:21 2025  
Response via : Initial Calibration



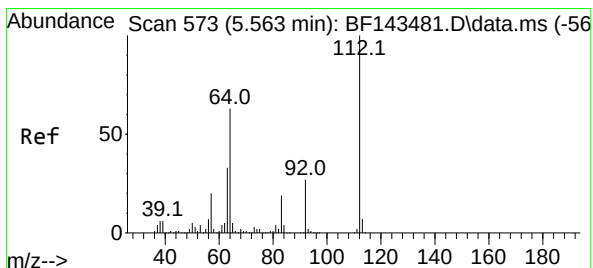
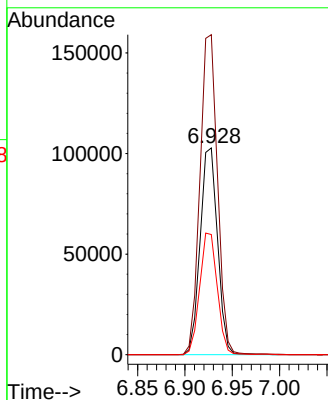
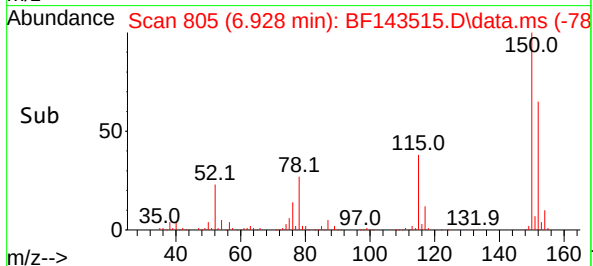


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF143515.D  
Acq: 21 Aug 2025 06:15

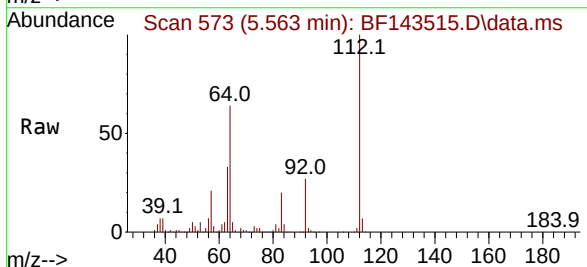
Instrument :  
BNA\_F  
ClientSampleId :  
TW-88H-N



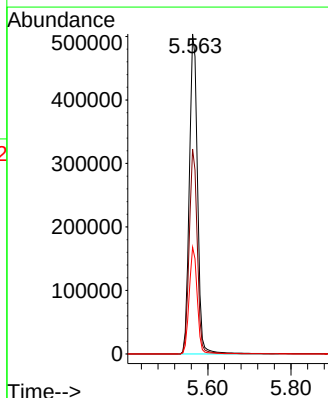
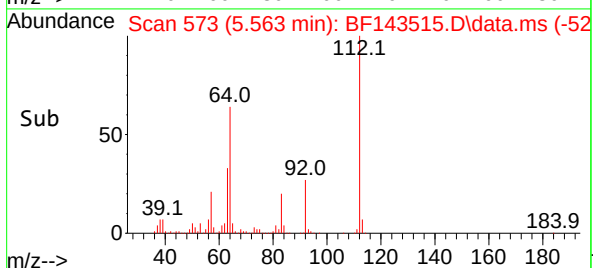
Tgt Ion:152 Resp: 131555  
Ion Ratio Lower Upper  
152 100  
150 154.8 128.9 193.3  
115 58.2 49.2 73.8

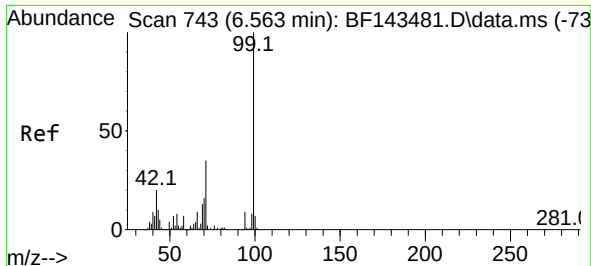


#5  
2-Fluorophenol  
Concen: 90.977 ng  
RT: 5.563 min Scan# 573  
Delta R.T. 0.000 min  
Lab File: BF143515.D  
Acq: 21 Aug 2025 06:15



Tgt Ion:112 Resp: 685414  
Ion Ratio Lower Upper  
112 100  
64 64.1 50.4 75.6  
63 33.4 26.4 39.6

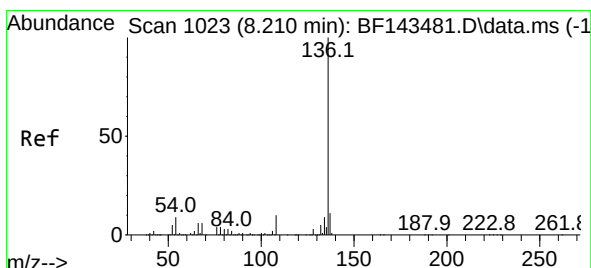
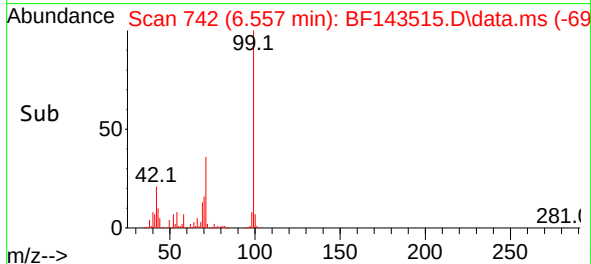
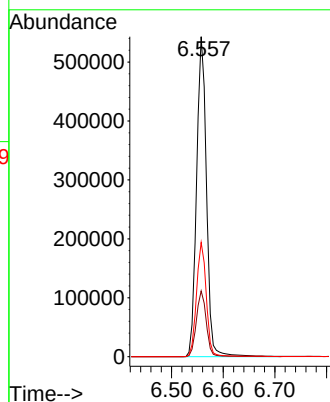
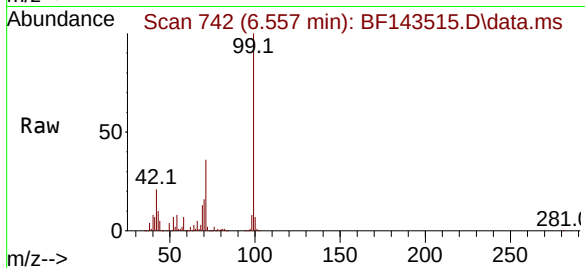




#7  
Phenol-d6  
Concen: 77.910 ng  
RT: 6.557 min Scan# 743  
Delta R.T. -0.018 min  
Lab File: BF143515.D  
Acq: 21 Aug 2025 06:15

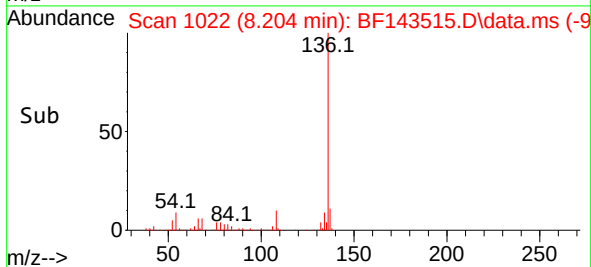
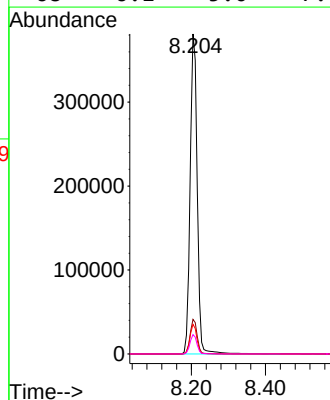
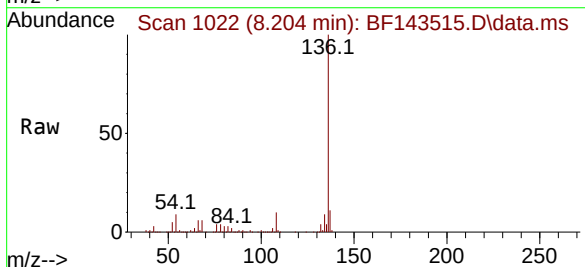
Instrument :  
BNA\_F  
ClientSampleId :  
TW-88H-N

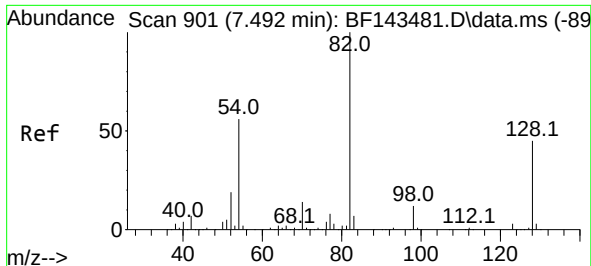
Tgt Ion: 99 Resp: 724585  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.3 24.5  
71 35.7 28.2 42.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF143515.D  
Acq: 21 Aug 2025 06:15

Tgt Ion: 136 Resp: 502957  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 9.3 7.4 11.2  
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.351 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143515.D

Acq: 21 Aug 2025 06:15

Instrument :

BNA\_F

ClientSampleId :

TW-88H-N

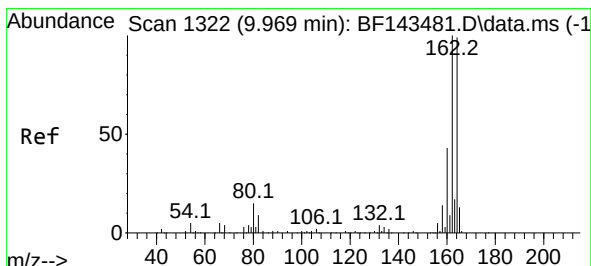
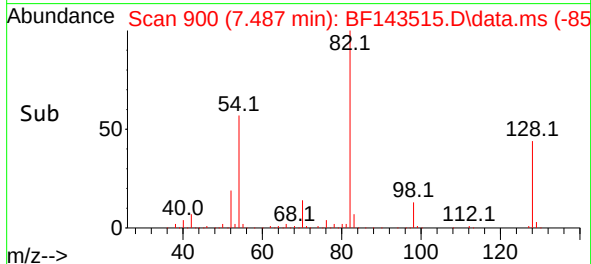
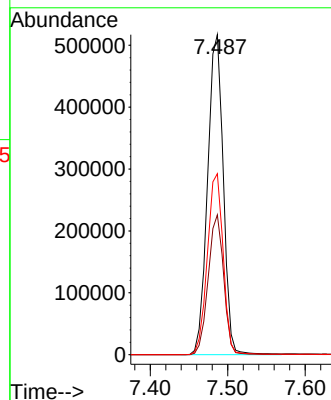
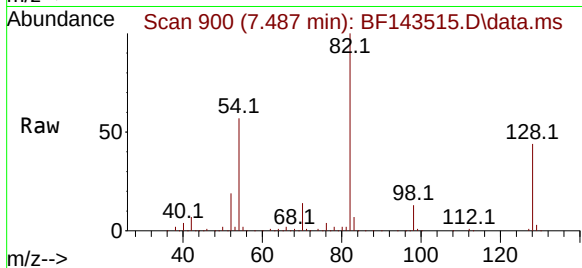
Tgt Ion: 82 Resp: 727020

Ion Ratio Lower Upper

82 100

128 43.7 35.5 53.3

54 56.5 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143515.D

Acq: 21 Aug 2025 06:15

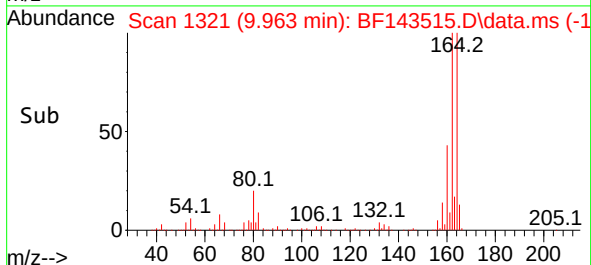
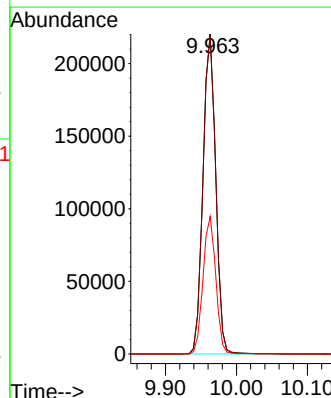
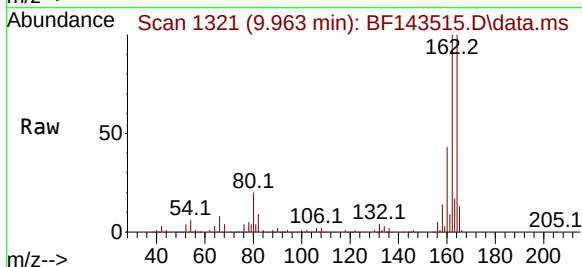
Tgt Ion:164 Resp: 275165

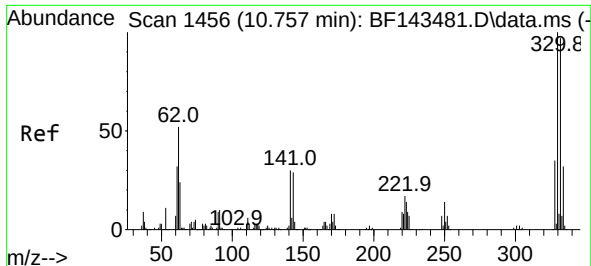
Ion Ratio Lower Upper

164 100

162 99.6 80.5 120.7

160 43.0 34.3 51.5

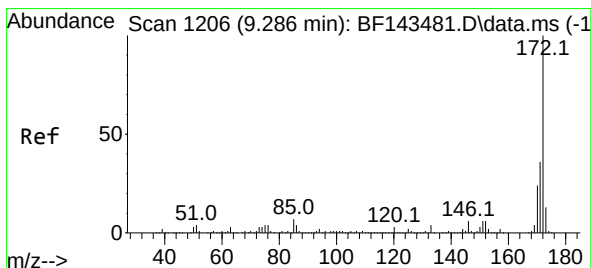
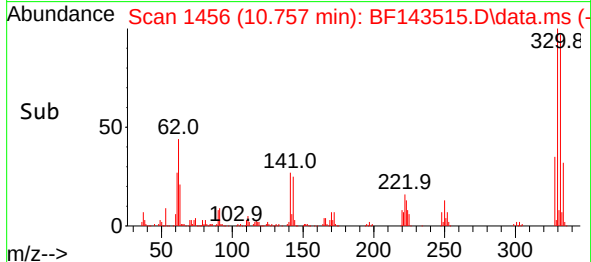
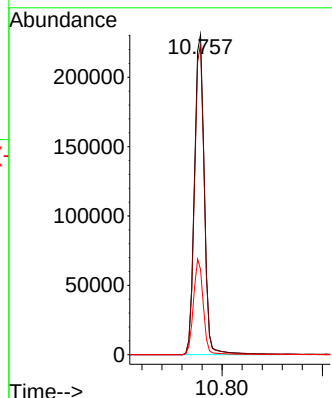
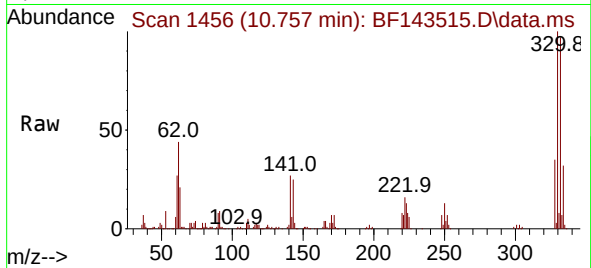




#42  
2,4,6-Tribromophenol  
Concen: 123.096 ng  
RT: 10.757 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BF143515.D  
Acq: 21 Aug 2025 06:15

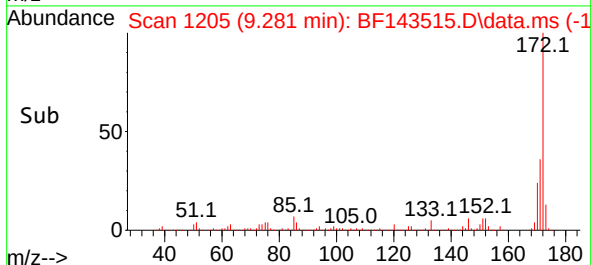
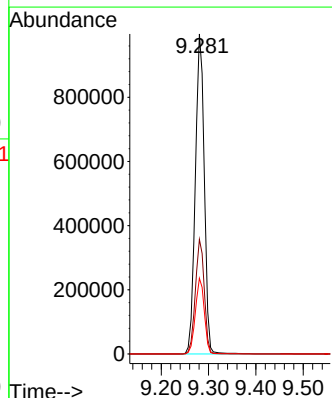
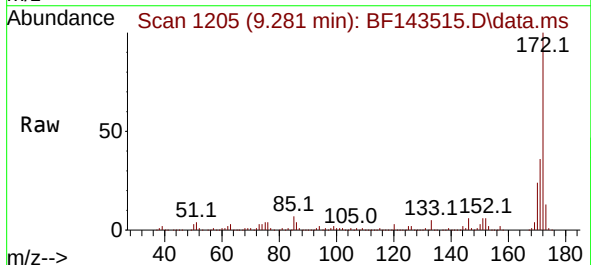
Instrument :  
BNA\_F  
ClientSampleId :  
TW-88H-N

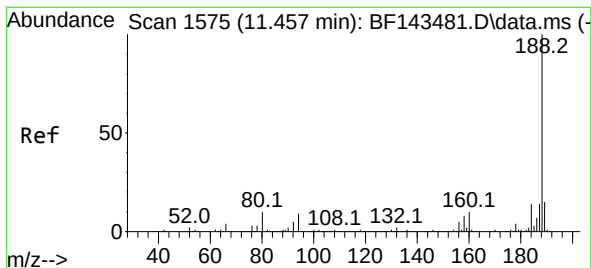
Tgt Ion:330 Resp: 315296  
Ion Ratio Lower Upper  
330 100  
332 96.8 78.0 117.0  
141 29.5 23.7 35.5



#45  
2-Fluorobiphenyl  
Concen: 79.018 ng  
RT: 9.281 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF143515.D  
Acq: 21 Aug 2025 06:15

Tgt Ion:172 Resp: 1315624  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143515.D

Acq: 21 Aug 2025 06:15

Instrument :

BNA\_F

ClientSampleId :

TW-88H-N

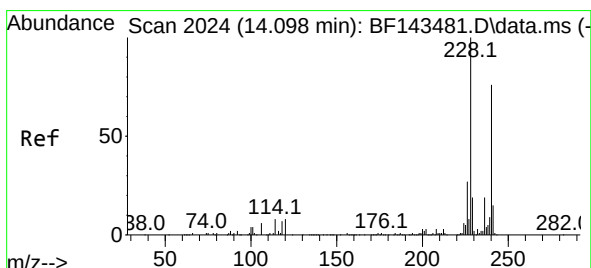
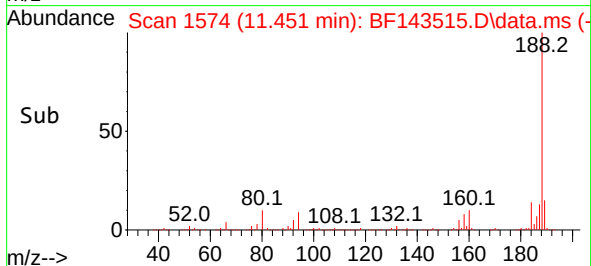
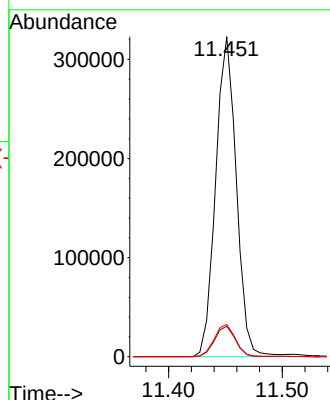
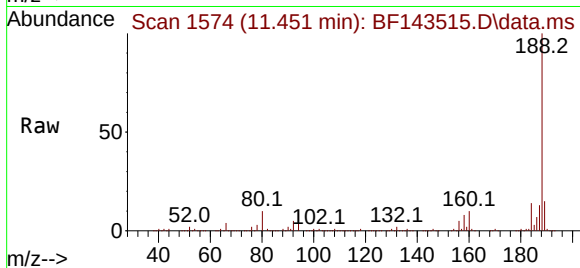
Tgt Ion:188 Resp: 407593

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.1 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF143515.D

Acq: 21 Aug 2025 06:15

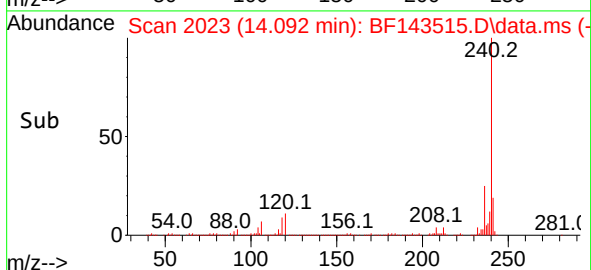
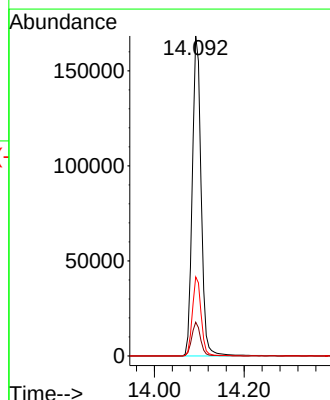
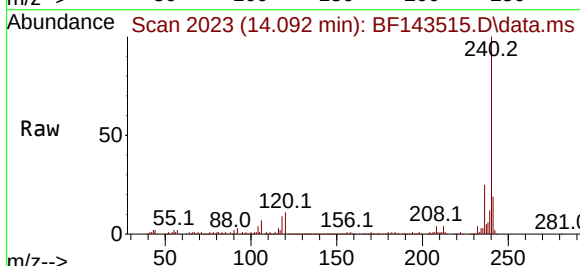
Tgt Ion:240 Resp: 230062

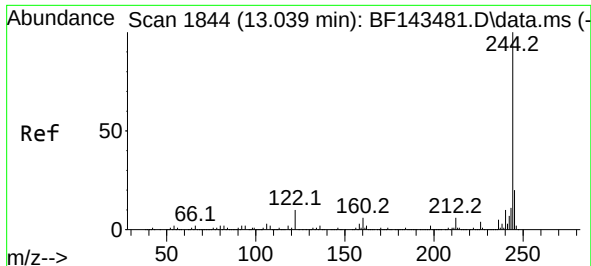
Ion Ratio Lower Upper

240 100

120 10.6 8.6 12.8

236 24.7 20.4 30.6

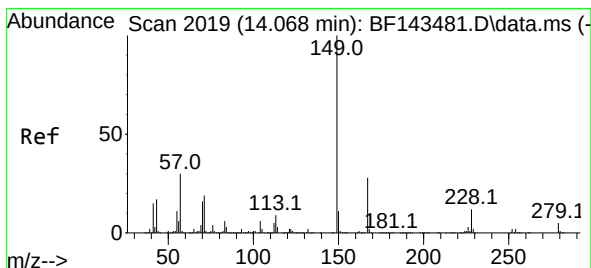
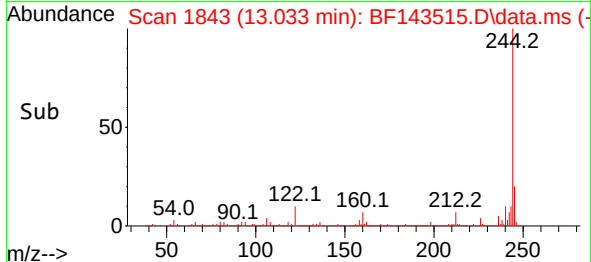
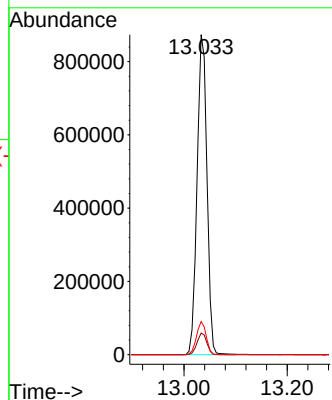
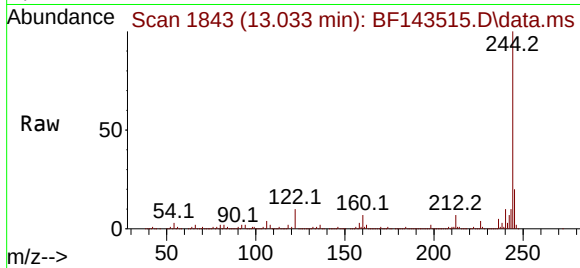




#79  
 Terphenyl-d14  
 Concen: 87.870 ng  
 RT: 13.033 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143515.D  
 Acq: 21 Aug 2025 06:15

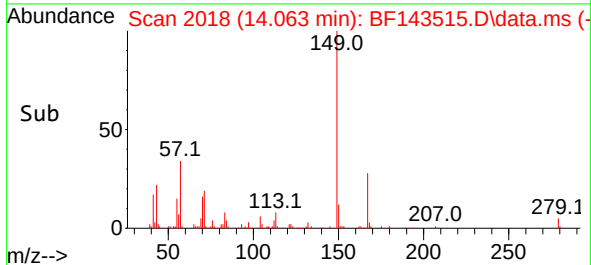
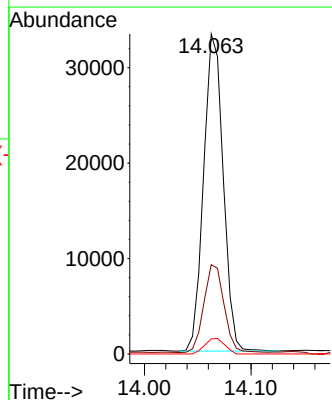
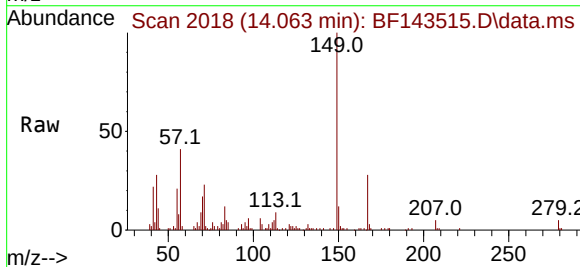
Instrument :  
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Tgt Ion:244 Resp: 1158463  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.2 7.8  
 122 10.4 7.9 11.9

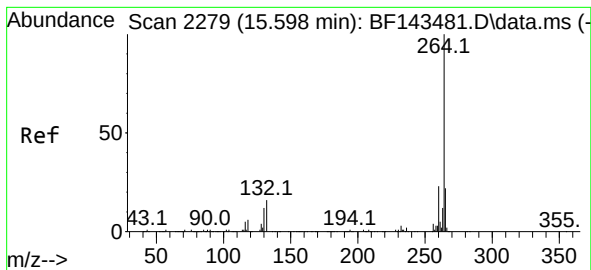


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 5.398 ng  
 RT: 14.063 min Scan# 2018  
 Delta R.T. -0.006 min  
 Lab File: BF143515.D  
 Acq: 21 Aug 2025 06:15

Tgt Ion:149 Resp: 42503  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 22.2 33.2  
 279 4.7 3.6 5.4







#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143515.D

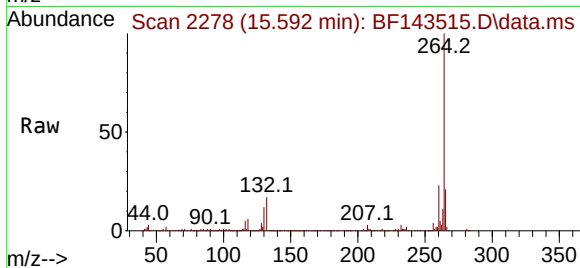
Acq: 21 Aug 2025 06:15

Instrument :

BNA\_F

ClientSampleId :

TW-88H-N



Tgt Ion:264 Resp: 280966

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.0 17.6 26.4

