

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052125\  
 Data File : BF142479.D  
 Acq On : 21 May 2025 11:09  
 Operator : RC/JU  
 Sample : PB168083BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168083BL

Quant Time: May 21 12:03:53 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

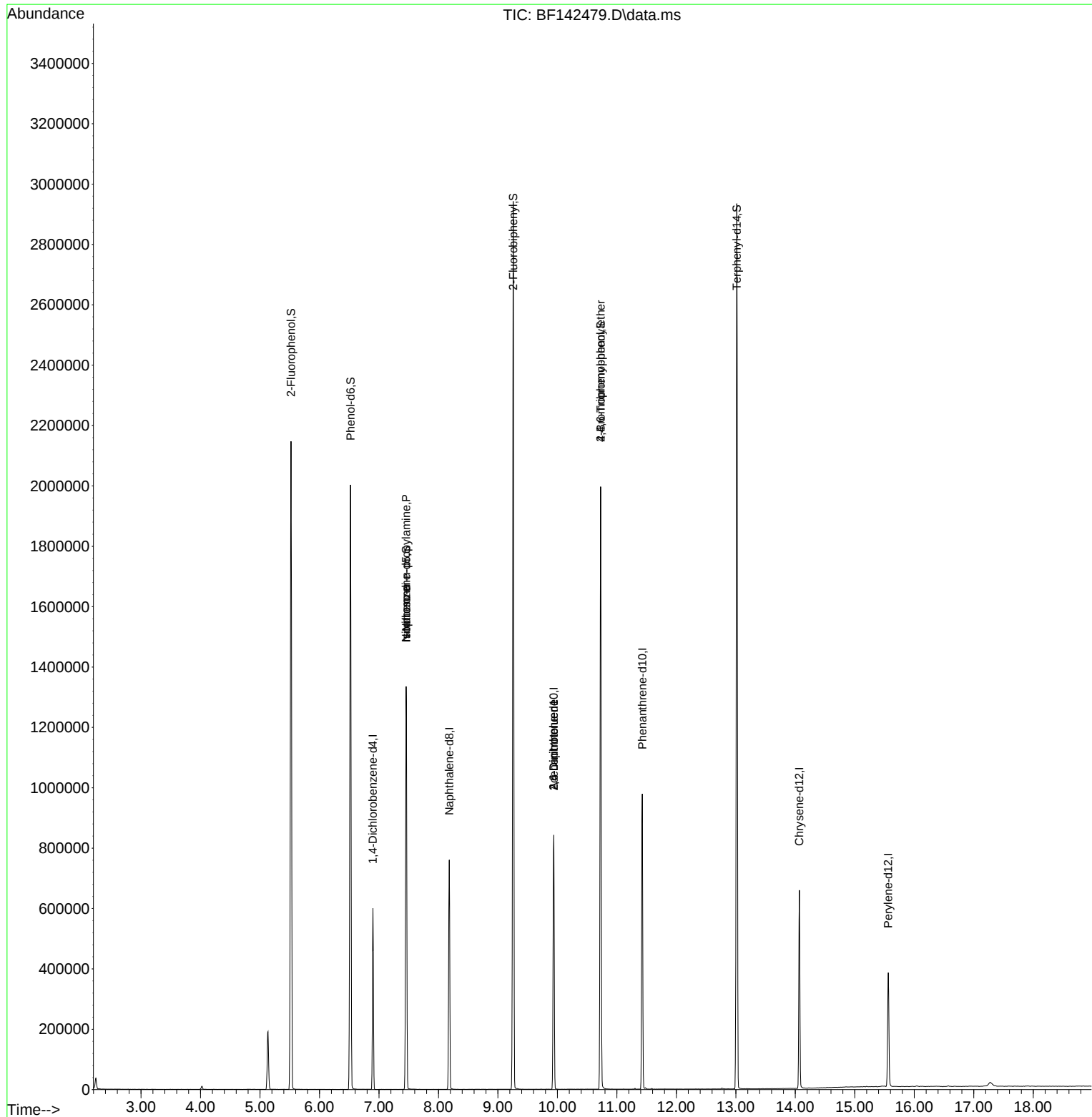
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 127003   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 492428   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 264579   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.428 | 188  | 511963   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 324877   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.563 | 264  | 234653   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 856643   | 113.638 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 1002883  | 110.518 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 608593   | 67.392  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 374916   | 127.675 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1368581  | 69.410  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.016 | 244  | 1483984  | 62.421  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 80595    | 14.331  | ng    | # 77     |
| 25) Isophorone                | 7.457  | 82   | 576463   | 38.180  | ng    | # 63     |
| 51) 2,6-Dinitrotoluene        | 9.939  | 165  | 33924    | 9.003   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.939  | 165  | 33924    | 6.894   | ng    | # 28     |
| 67) 4-Bromophenyl-phenylether | 10.728 | 248  | 23003    | 3.800   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052125\  
Data File : BF142479.D  
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Operator : RC/JU  
Sample : PB168083BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB168083BL

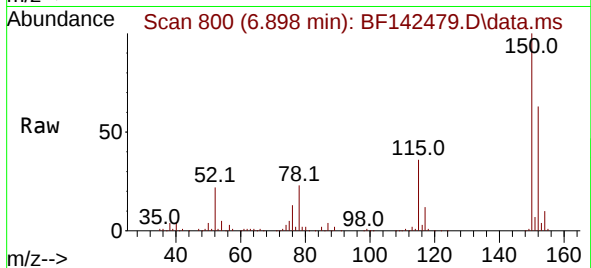
Quant Time: May 21 12:03:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 20 16:26:47 2025  
Response via : Initial Calibration



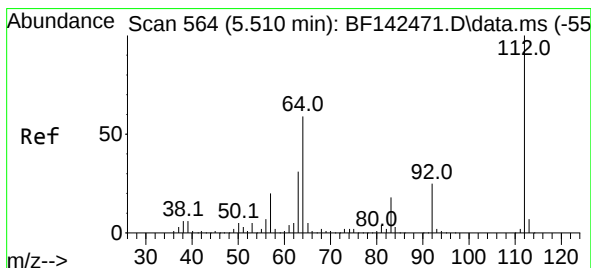
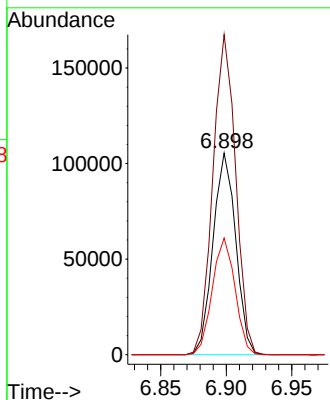
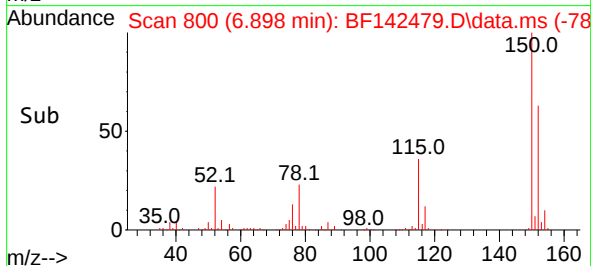


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB168083BL

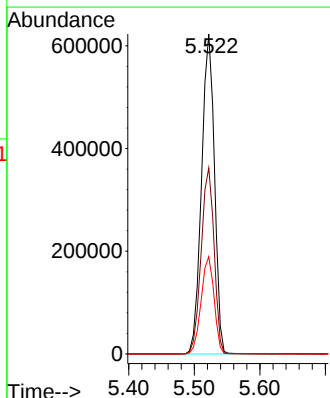
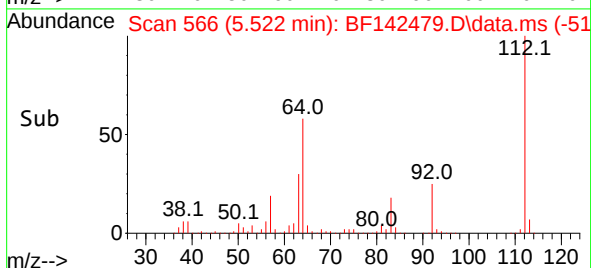
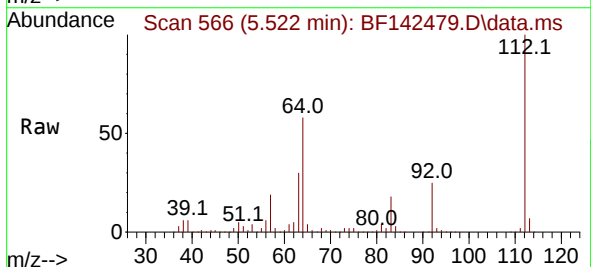


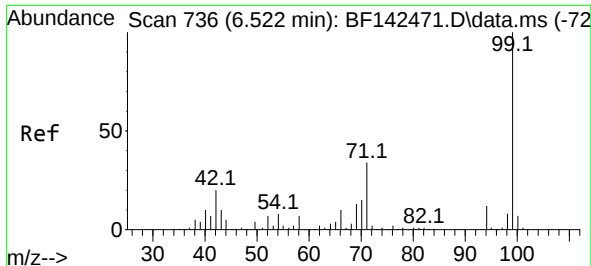
Tgt Ion:152 Resp: 127003  
Ion Ratio Lower Upper  
152 100  
150 158.7 128.2 192.4  
115 57.8 48.3 72.5



#5  
2-Fluorophenol  
Concen: 113.638 ng  
RT: 5.522 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

Tgt Ion:112 Resp: 856643  
Ion Ratio Lower Upper  
112 100  
64 58.1 47.5 71.3  
63 30.4 24.9 37.3

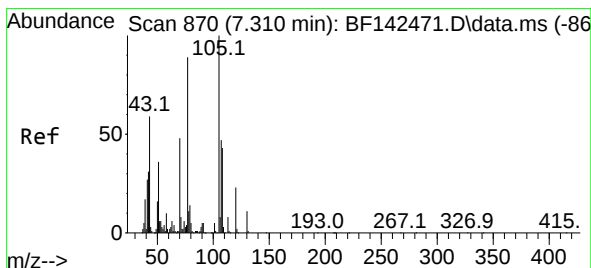
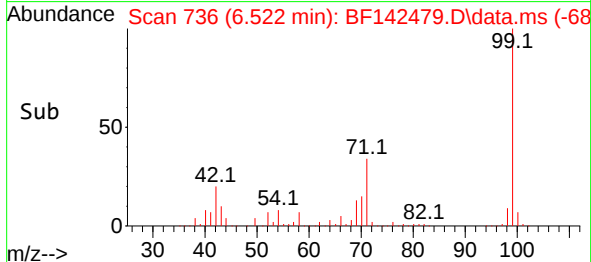
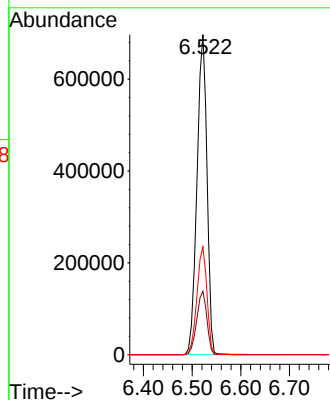
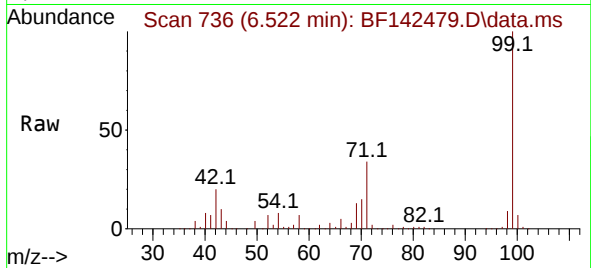




#7  
Phenol-d6  
Concen: 110.518 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

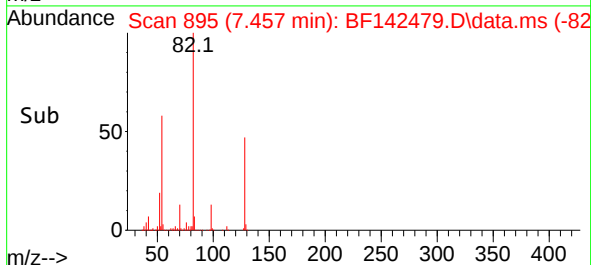
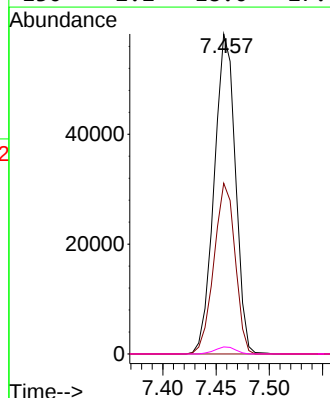
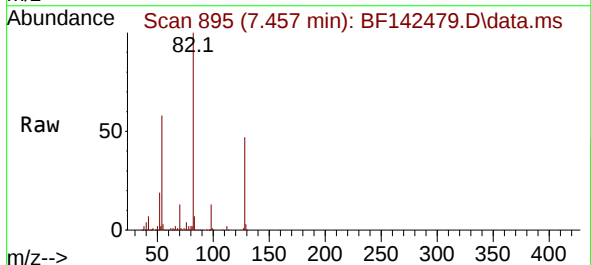
Instrument :  
BNA\_F  
ClientSampleId :  
PB168083BL

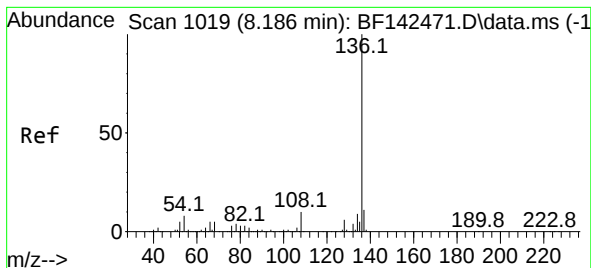
Tgt Ion: 99 Resp: 1002883  
Ion Ratio Lower Upper  
99 100  
42 19.8 16.2 24.2  
71 33.7 27.3 40.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.331 ng  
RT: 7.457 min Scan# 895  
Delta R.T. 0.130 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

Tgt Ion: 70 Resp: 80595  
Ion Ratio Lower Upper  
70 100  
42 53.3 52.4 78.6  
101 0.0 7.8 11.8#  
130 2.2 18.0 27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142479.D

Acq: 21 May 2025 11:09

Instrument :

BNA\_F

ClientSampleId :

PB168083BL

Tgt Ion:136 Resp: 492428

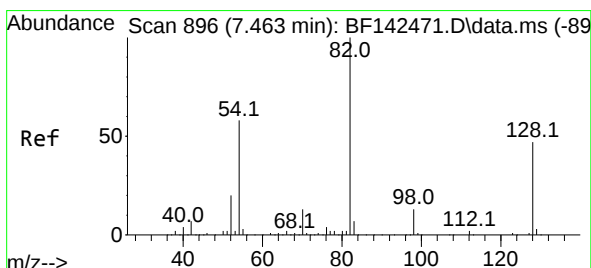
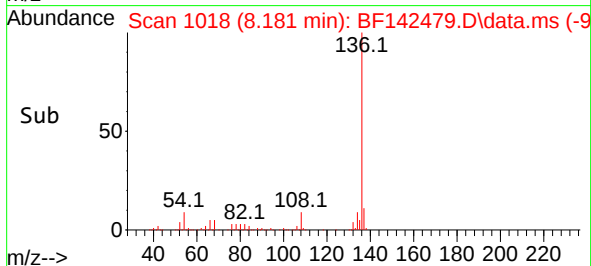
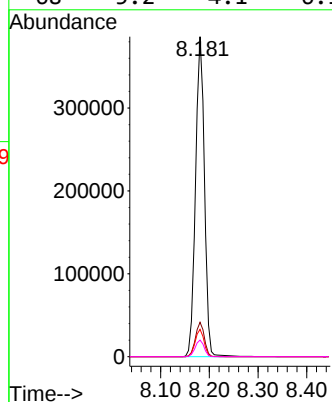
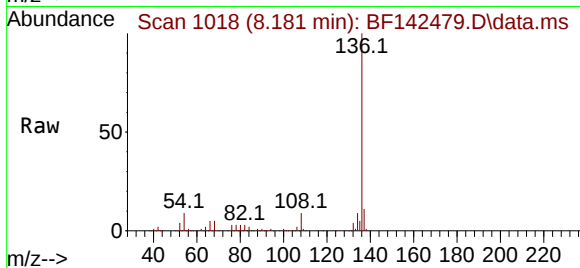
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.5 6.6 10.0

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 67.392 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142479.D

Acq: 21 May 2025 11:09

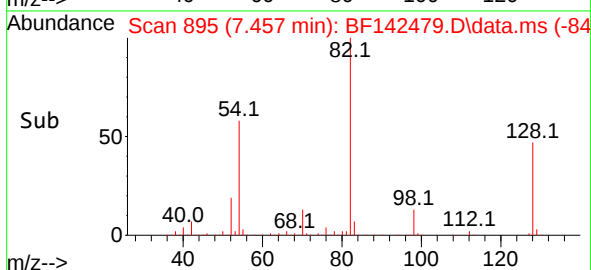
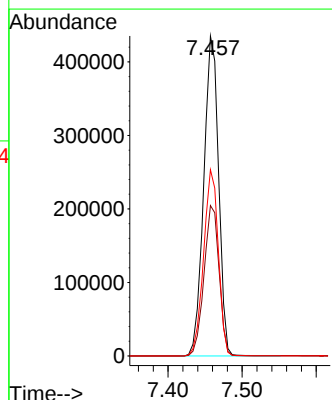
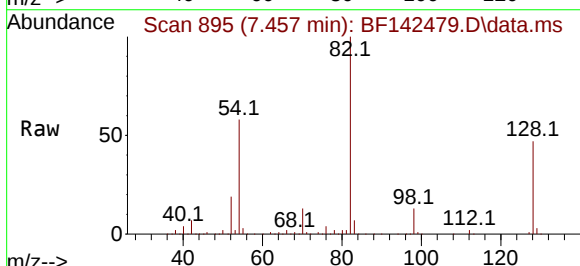
Tgt Ion: 82 Resp: 608593

Ion Ratio Lower Upper

82 100

128 47.0 37.4 56.2

54 58.2 46.6 70.0

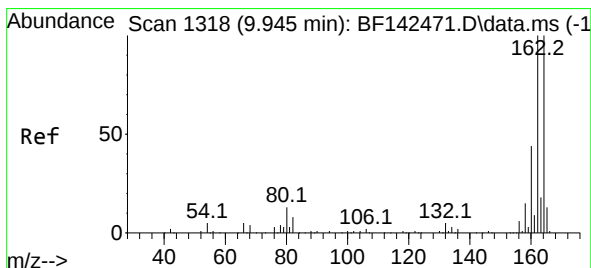
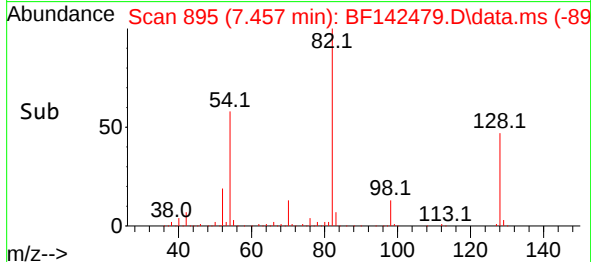
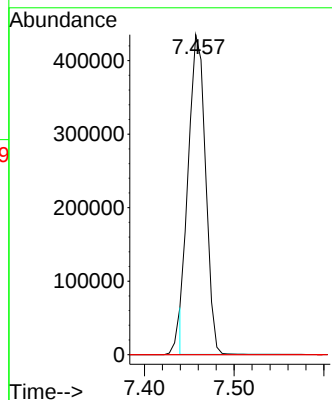
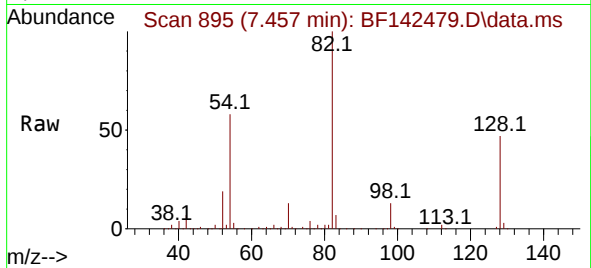




#25  
Isophorone  
Concen: 38.180 ng  
RT: 7.457 min Scan# 89  
Delta R.T. -0.276 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

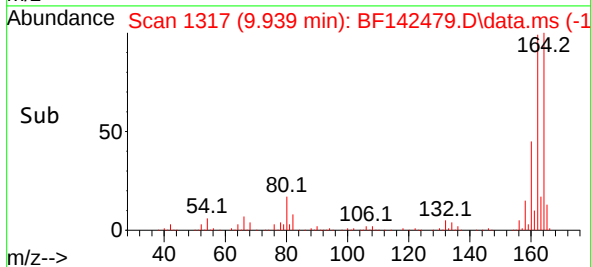
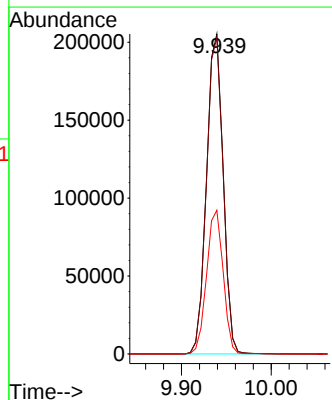
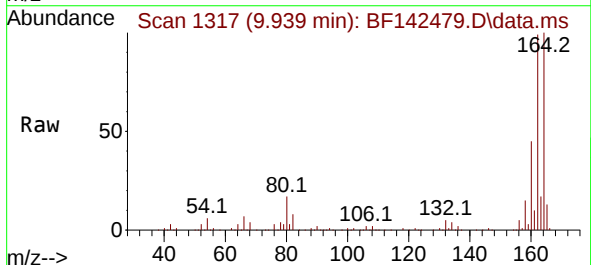
Instrument :  
BNA\_F  
ClientSampleId :  
PB168083BL

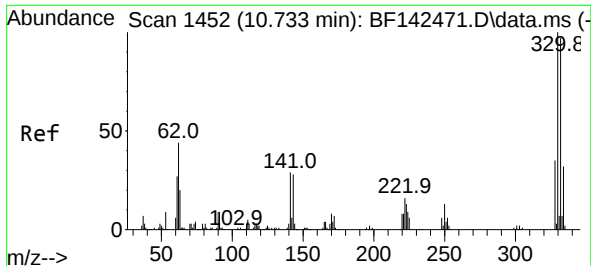
Tgt Ion: 82 Resp: 576463  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 15.5 23.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

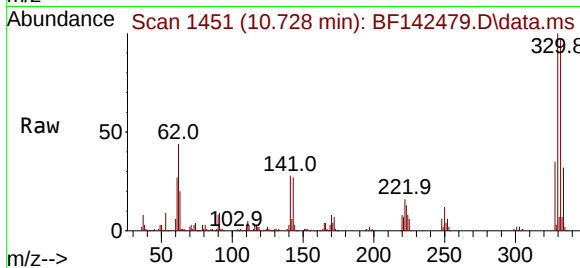
Tgt Ion: 164 Resp: 264579  
Ion Ratio Lower Upper  
164 100  
162 98.9 80.2 120.4  
160 44.9 35.6 53.4



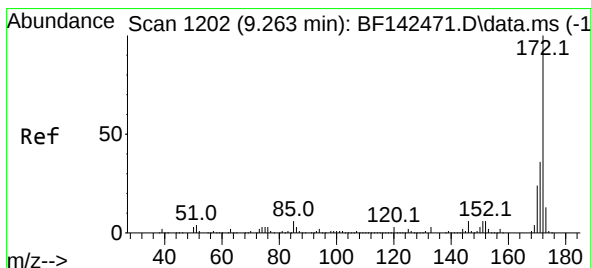
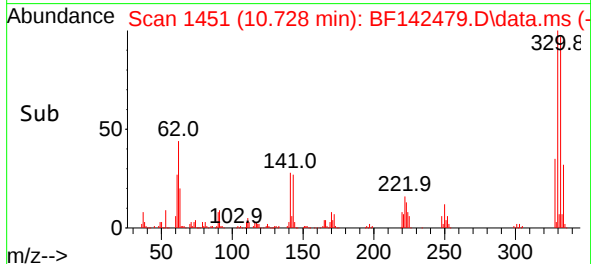
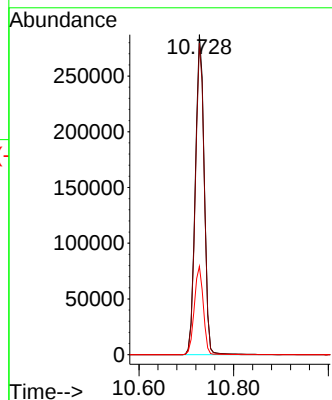


#42  
2,4,6-Tribromophenol  
Concen: 127.675 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB168083BL

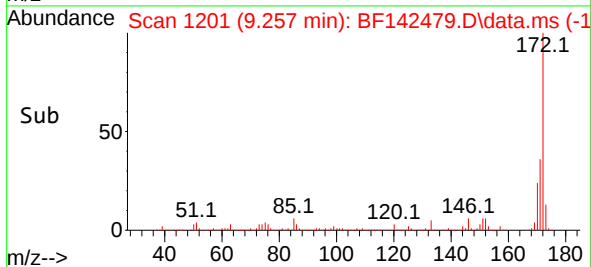
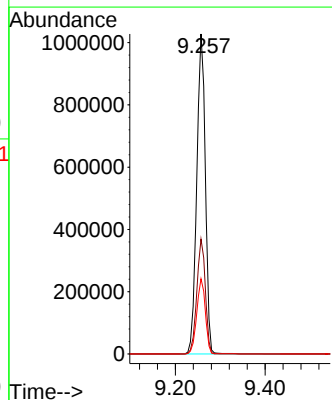
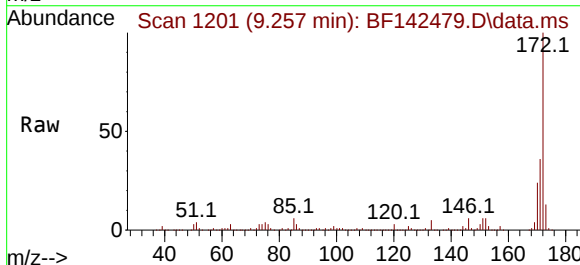


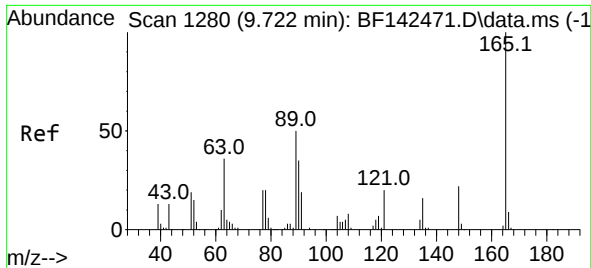
Tgt Ion:330 Resp: 374916  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.6 116.4  
141 27.9 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 69.410 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

Tgt Ion:172 Resp: 1368581  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 42.8  
170 23.5 18.9 28.3

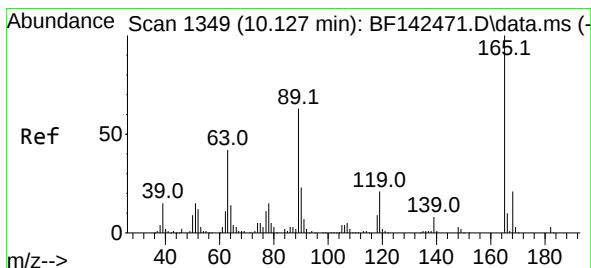
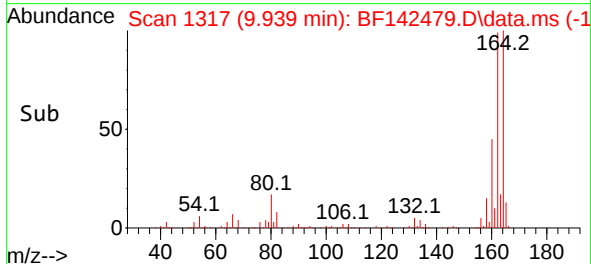
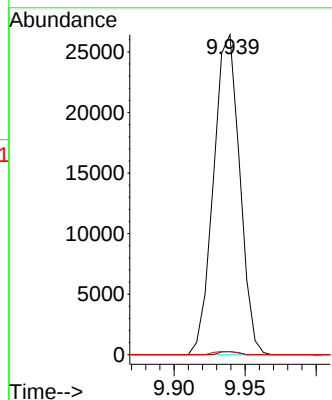
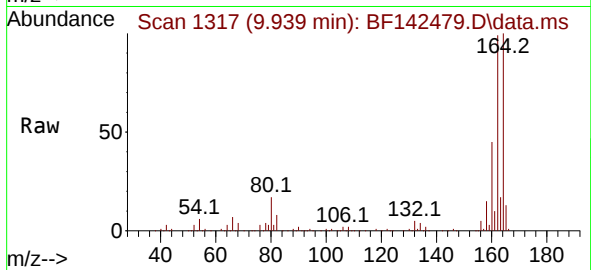




#51  
2,6-Dinitrotoluene  
Concen: 9.003 ng  
RT: 9.939 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

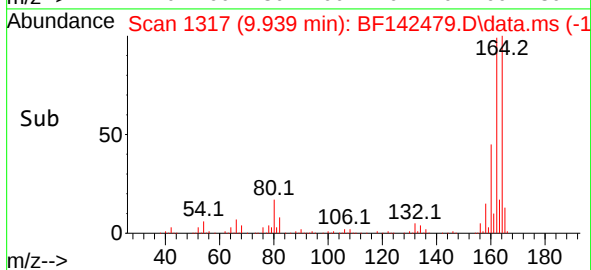
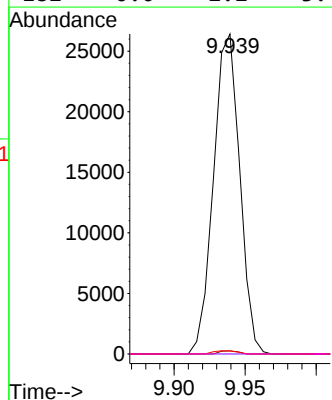
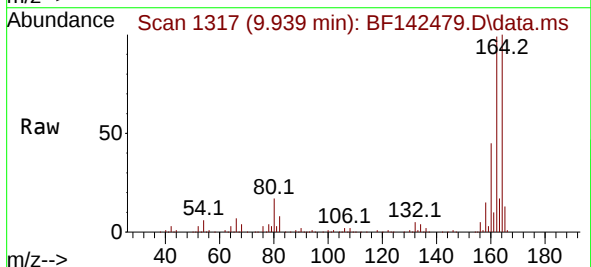
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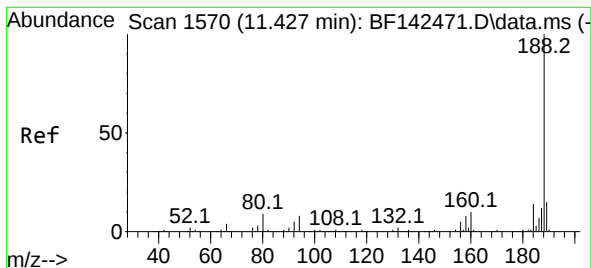
Tgt Ion:165 Resp: 33924  
Ion Ratio Lower Upper  
165 100  
63 0.9 42.9 64.3#  
89 0.9 40.2 60.4#



#57  
2,4-Dinitrotoluene  
Concen: 6.894 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. -0.194 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

Tgt Ion:165 Resp: 33924  
Ion Ratio Lower Upper  
165 100  
63 0.9 33.6 50.4#  
89 0.9 50.2 75.4#  
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142479.D

Acq: 21 May 2025 11:09

Instrument :

BNA\_F

ClientSampleId :

PB168083BL

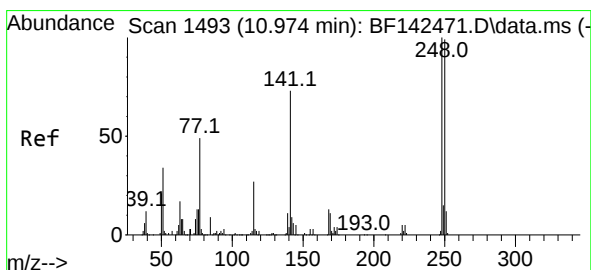
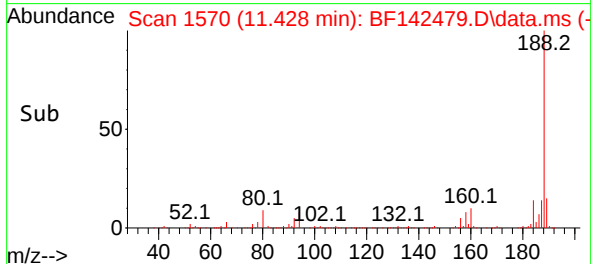
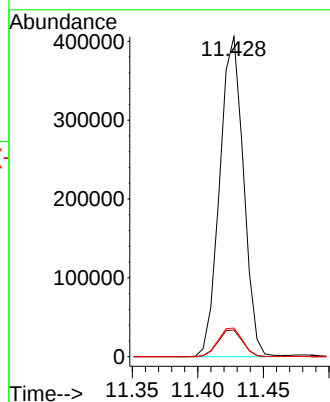
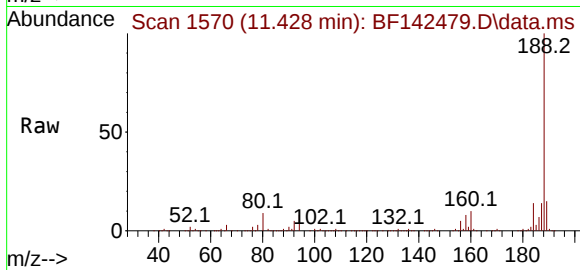
Tgt Ion:188 Resp: 511963

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 8.9 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 3.800 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF142479.D

Acq: 21 May 2025 11:09

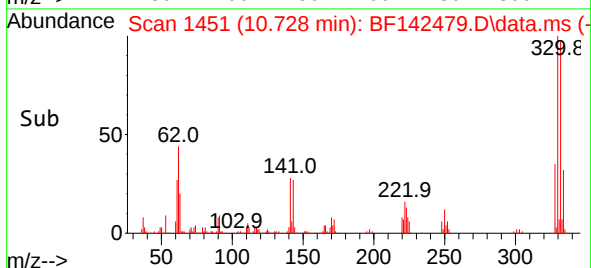
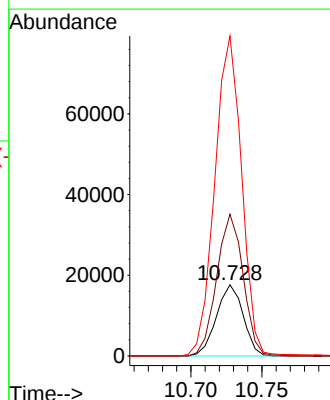
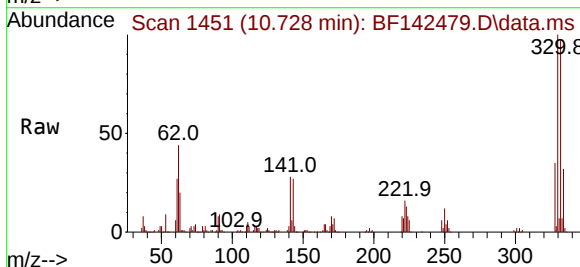
Tgt Ion:248 Resp: 23003

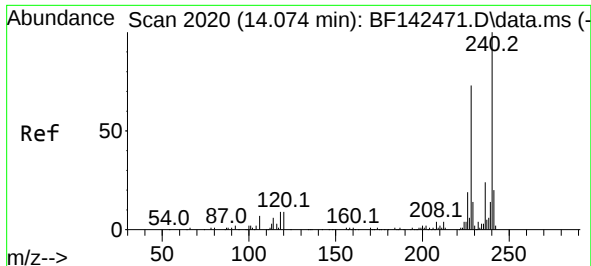
Ion Ratio Lower Upper

248 100

250 198.9 79.0 118.4#

141 449.0 58.4 87.6#

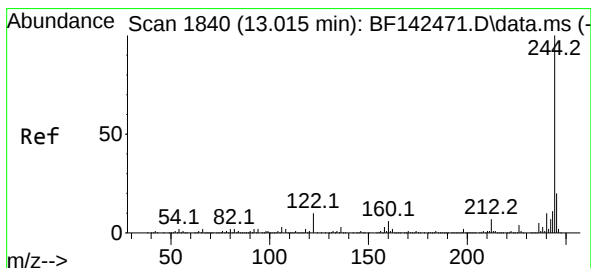
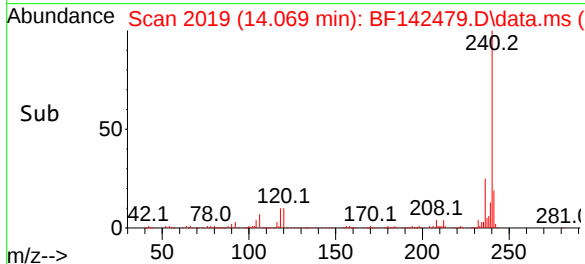
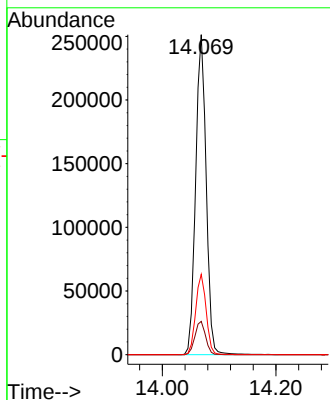
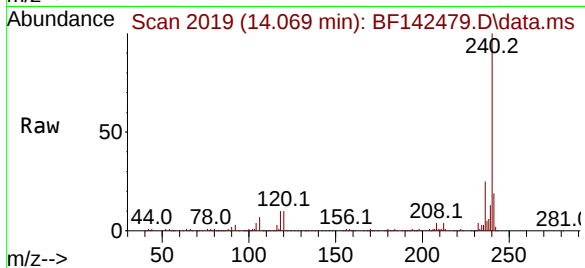




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

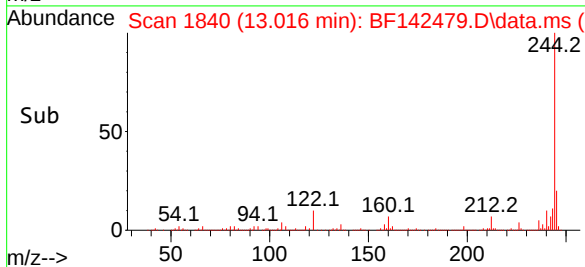
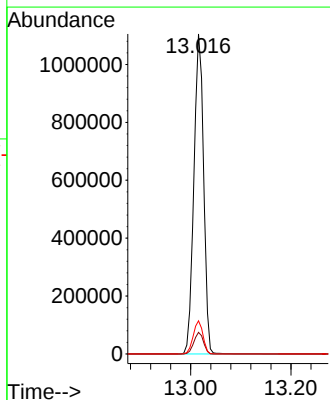
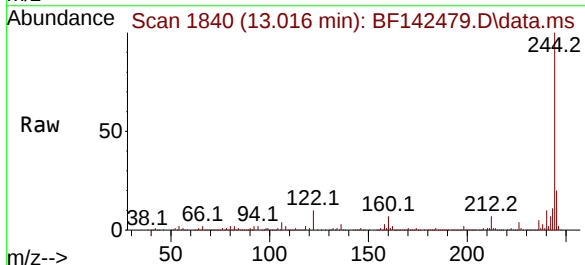
Instrument :  
BNA\_F  
ClientSampleId :  
PB168083BL

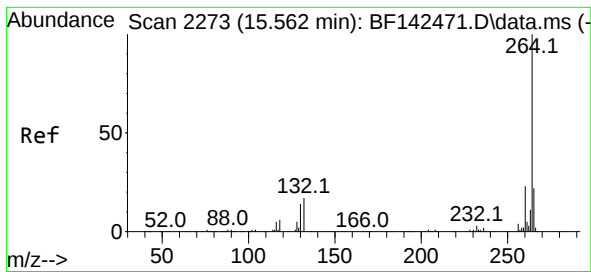
Tgt Ion:240 Resp: 324877  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.5 11.3  
236 25.1 19.6 29.4



#79  
Terphenyl-d14  
Concen: 62.421 ng  
RT: 13.016 min Scan# 1840  
Delta R.T. 0.000 min  
Lab File: BF142479.D  
Acq: 21 May 2025 11:09

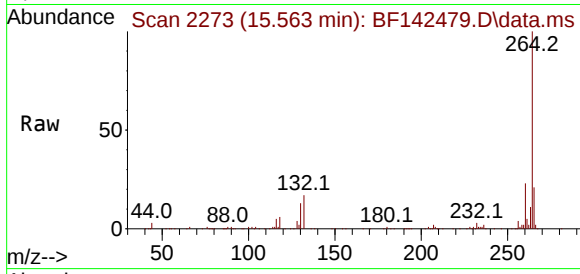
Tgt Ion:244 Resp: 1483984  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.3 7.9  
122 10.3 8.2 12.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF142479.D  
 Acq: 21 May 2025 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168083BL



Tgt Ion:264 Resp: 234653  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.6 28.0  
 265 21.2 17.7 26.5

