

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120125\  
 Data File : BF144383.D  
 Acq On : 01 Dec 2025 13:13  
 Operator : RC/JU  
 Sample : PB170749BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170749BL

Quant Time: Dec 01 13:41:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

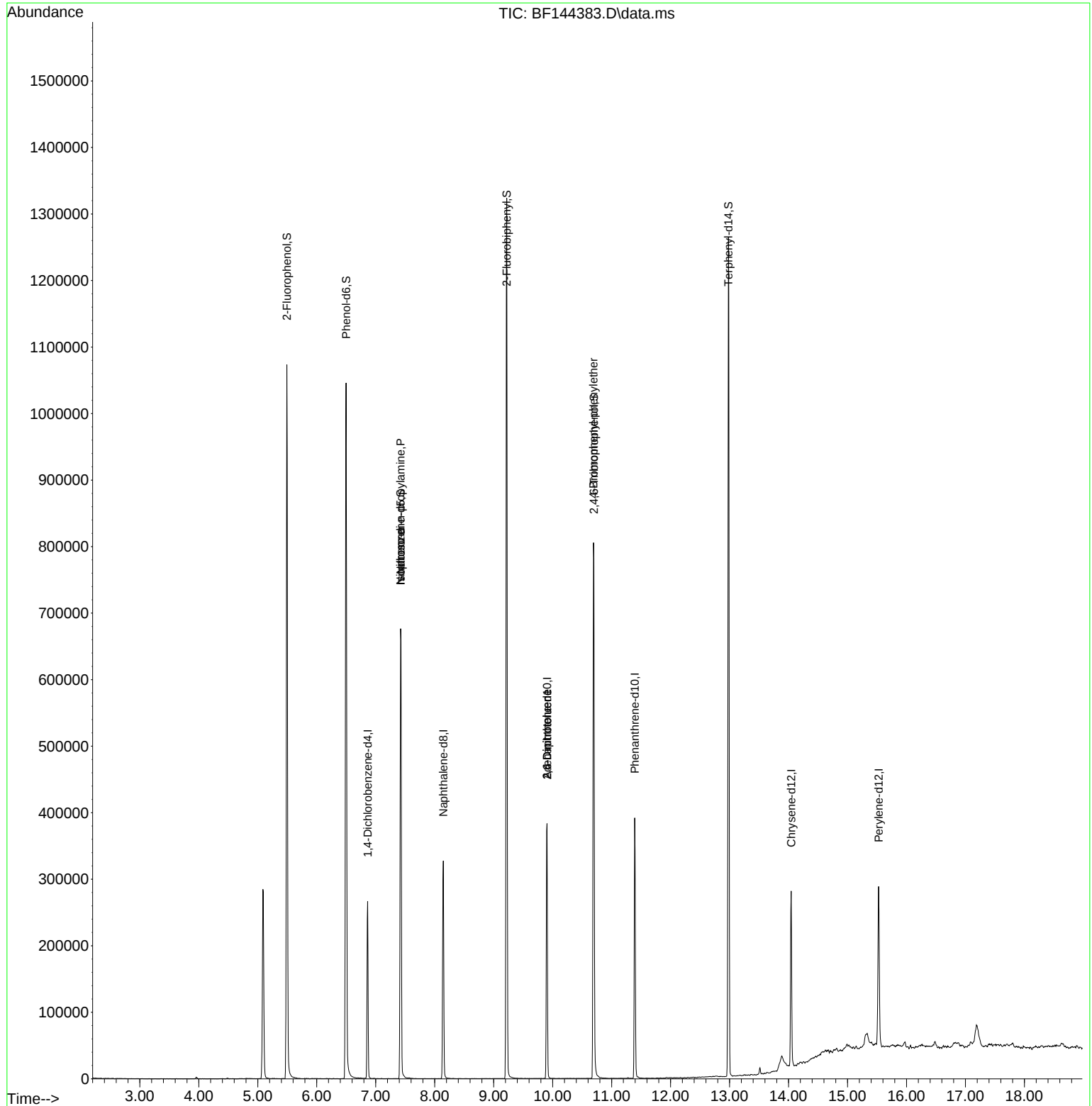
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 58219    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.145  | 136  | 220146   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 127140   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 220904   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.045 | 240  | 141006   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 162985   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 426039   | 114.515 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 482370   | 114.429 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 308429   | 80.916  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 179615   | 112.579 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 659740   | 76.639  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 697734   | 78.598  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.422  | 70   | 44028    | 15.866  | ng    | # 79     |
| 25) Isophorone                | 7.422  | 82   | 308427   | 42.778  | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 15951    | 9.355   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 15951    | 6.988   | ng    | # 27     |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 9489     | 3.365   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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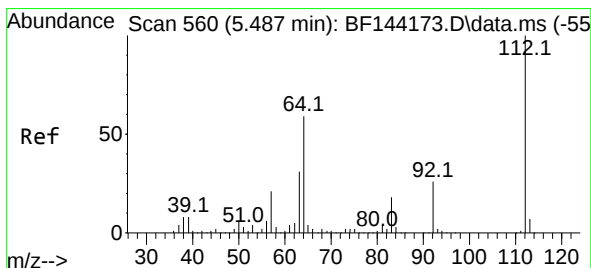
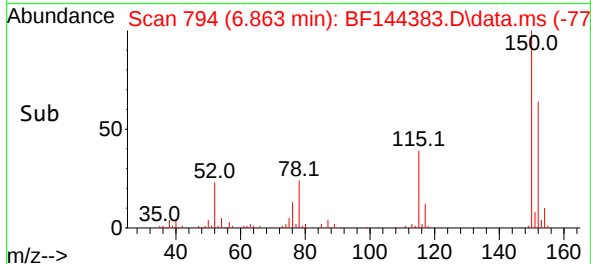
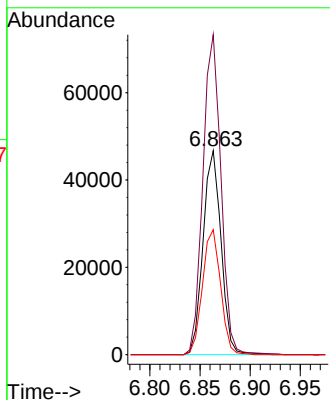
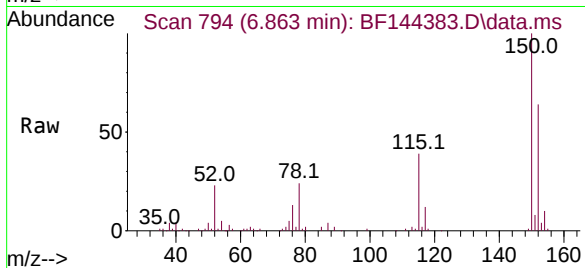




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 796  
Delta R.T. -0.012 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

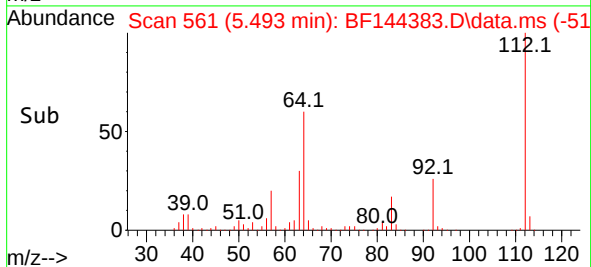
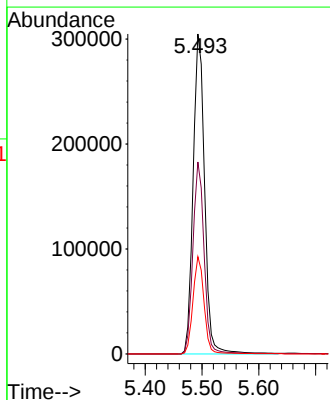
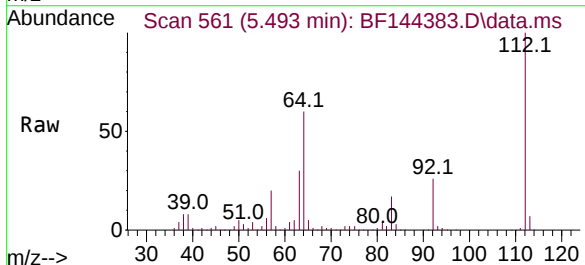
Instrument :  
BNA\_F  
ClientSampleId :  
PB170749BL

Tgt Ion:152 Resp: 58219  
Ion Ratio Lower Upper  
152 100  
150 156.9 127.4 191.0  
115 61.2 49.5 74.3



#5  
2-Fluorophenol  
Concen: 114.515 ng  
RT: 5.493 min Scan# 561  
Delta R.T. -0.000 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

Tgt Ion:112 Resp: 426039  
Ion Ratio Lower Upper  
112 100  
64 60.0 47.2 70.8  
63 30.4 24.4 36.6

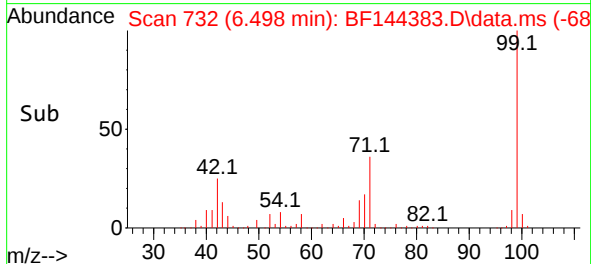
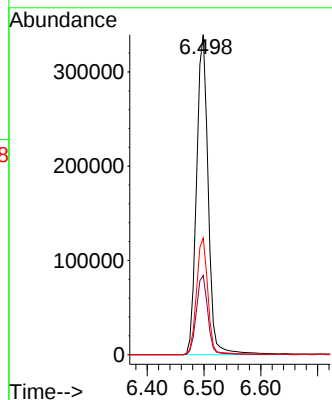
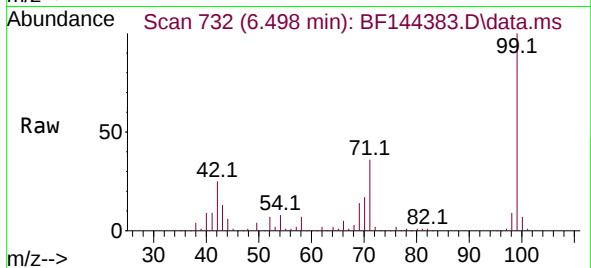




#7  
Phenol-d6  
Concen: 114.429 ng  
RT: 6.498 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

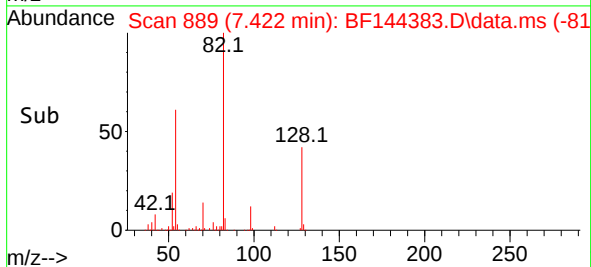
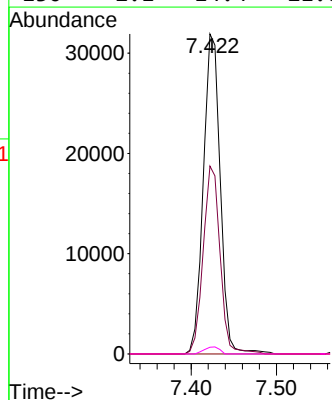
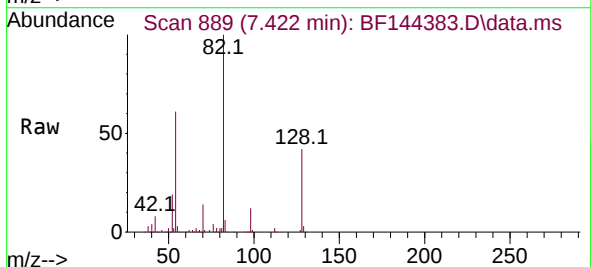
Instrument :  
BNA\_F  
ClientSampleId :  
PB170749BL

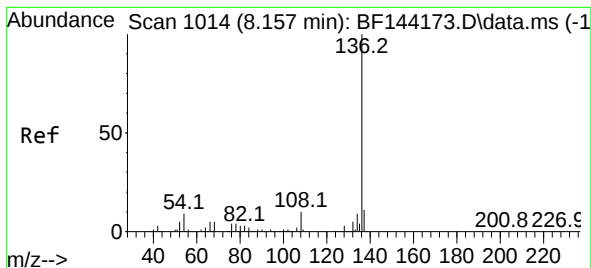
Tgt Ion: 99 Resp: 482370  
Ion Ratio Lower Upper  
99 100  
42 24.7 20.9 31.3  
71 36.5 31.4 47.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.866 ng  
RT: 7.422 min Scan# 889  
Delta R.T. 0.147 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

Tgt Ion: 70 Resp: 44028  
Ion Ratio Lower Upper  
70 100  
42 58.7 58.3 87.5  
101 0.0 7.0 10.6#  
130 2.1 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144383.D

Acq: 01 Dec 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB170749BL

Tgt Ion:136 Resp: 220146

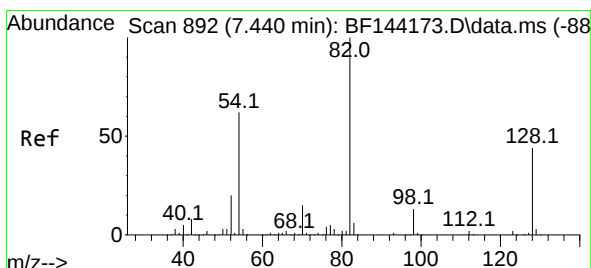
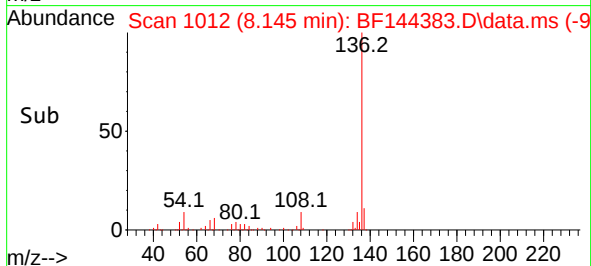
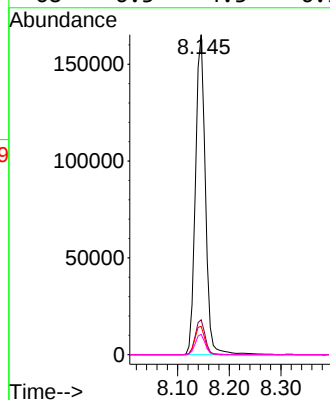
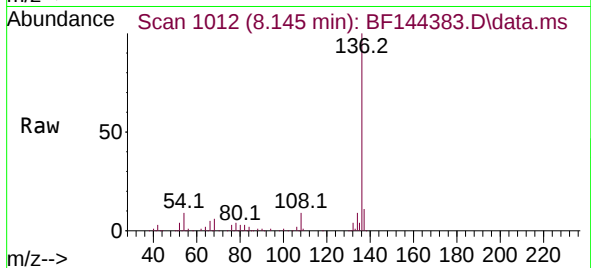
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.8 7.0 10.6

68 6.3 4.3 6.5



#23

Nitrobenzene-d5

Concen: 80.916 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144383.D

Acq: 01 Dec 2025 13:13

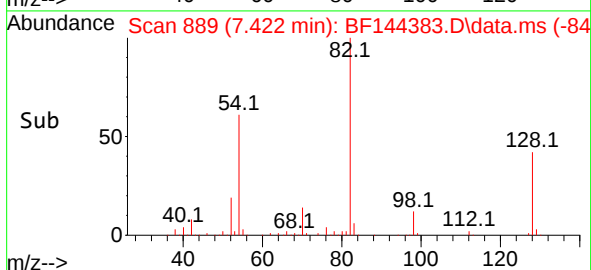
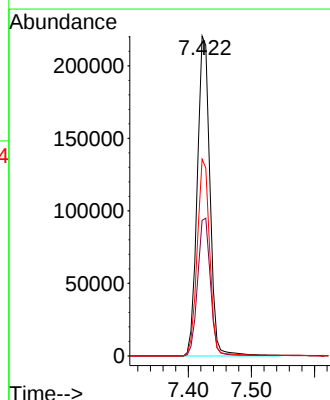
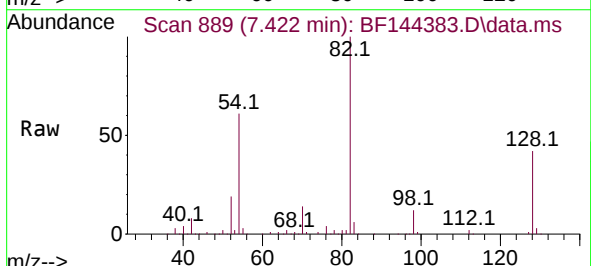
Tgt Ion: 82 Resp: 308429

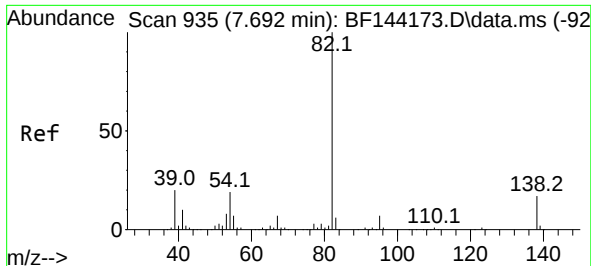
Ion Ratio Lower Upper

82 100

128 42.4 34.7 52.1

54 61.5 49.5 74.3

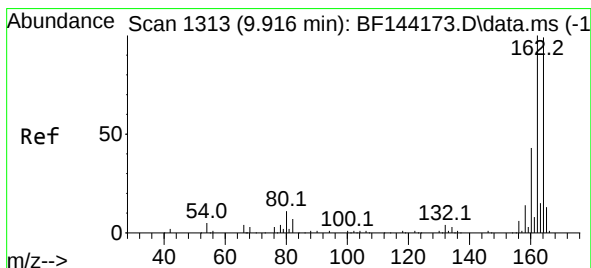
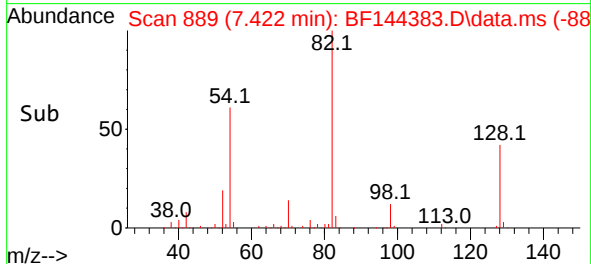
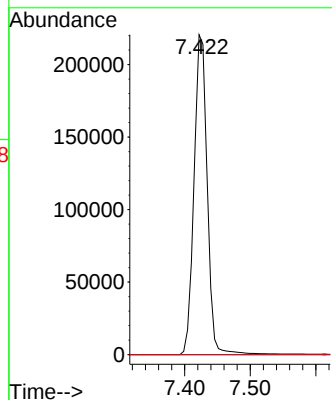
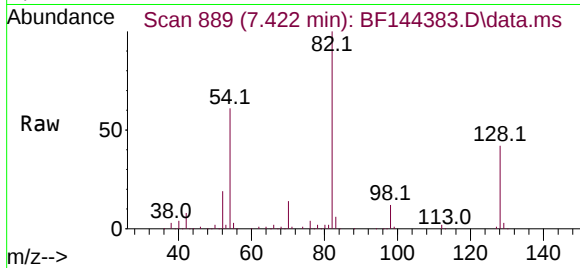




#25  
Isophorone  
Concen: 42.778 ng  
RT: 7.422 min Scan# 88  
Delta R.T. -0.265 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

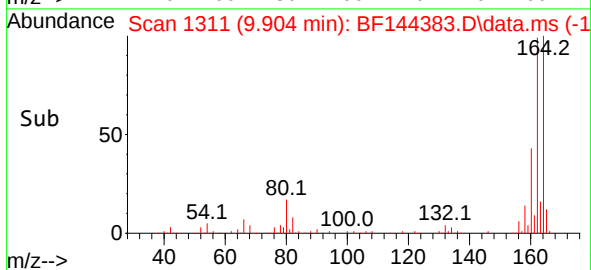
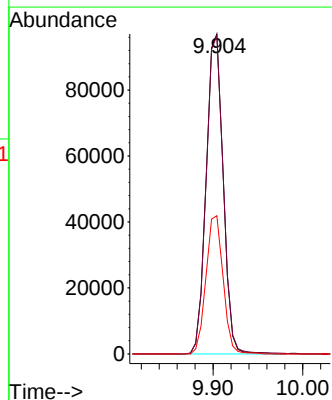
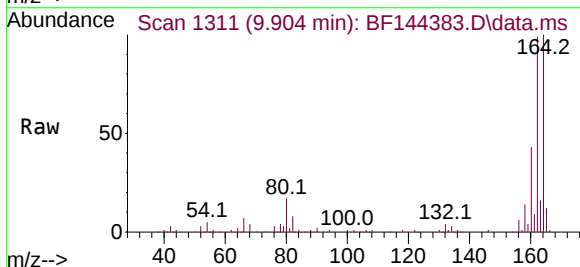
Instrument :  
BNA\_F  
ClientSampleId :  
PB170749BL

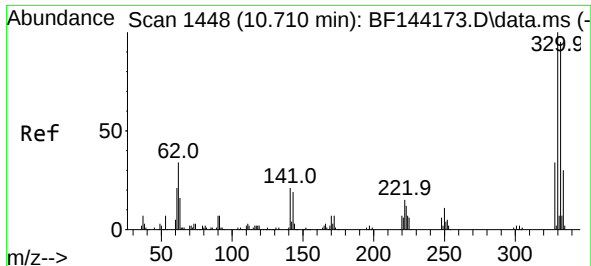
Tgt Ion: 82 Resp: 308427  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 13.7 20.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1311  
Delta R.T. -0.012 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

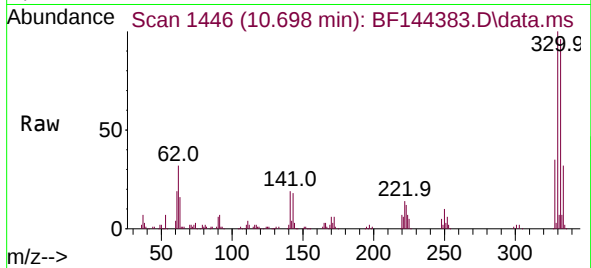
Tgt Ion: 164 Resp: 127140  
Ion Ratio Lower Upper  
164 100  
162 99.4 81.1 121.7  
160 43.2 34.5 51.7



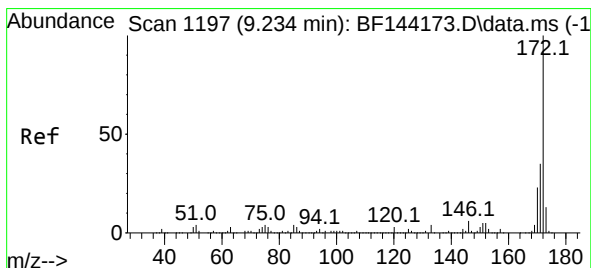
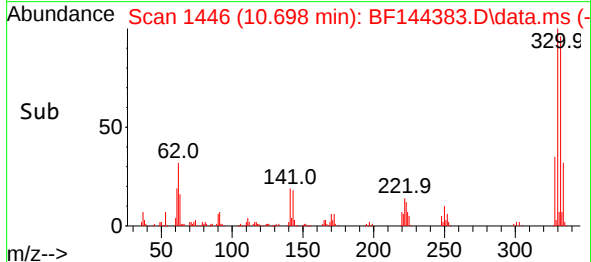
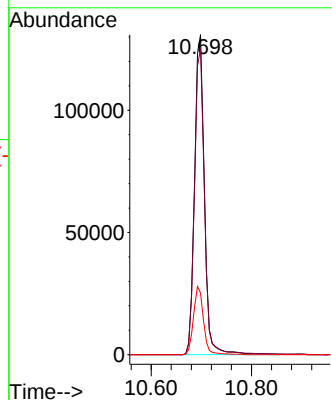


#42  
2,4,6-Tribromophenol  
Concen: 112.579 ng  
RT: 10.698 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB170749BL

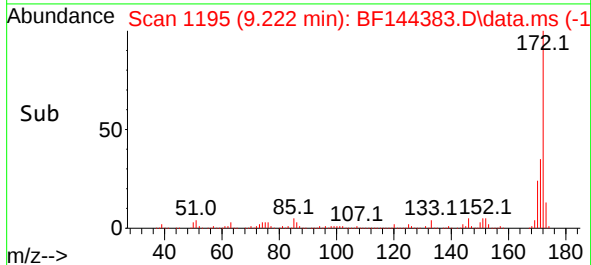
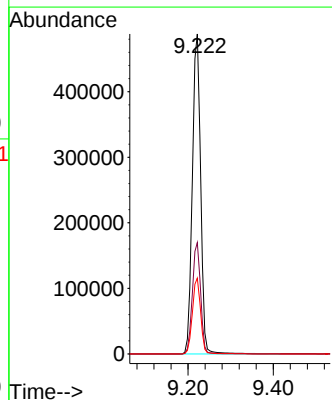
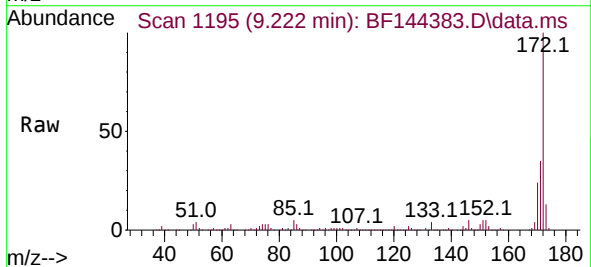


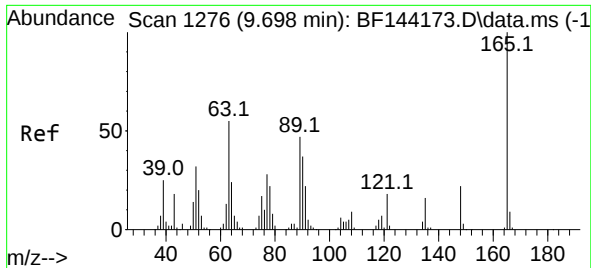
Tgt Ion:330 Resp: 179615  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.7 115.1  
141 21.4 17.8 26.8



#45  
2-Fluorobiphenyl  
Concen: 76.639 ng  
RT: 9.222 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

Tgt Ion:172 Resp: 659740  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.7 18.6 28.0

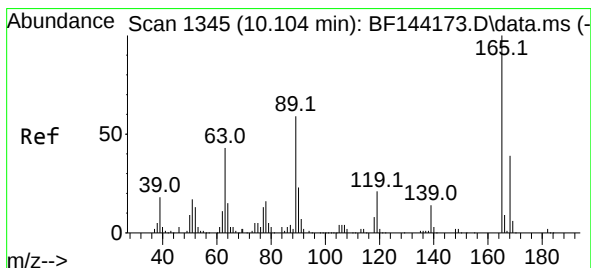
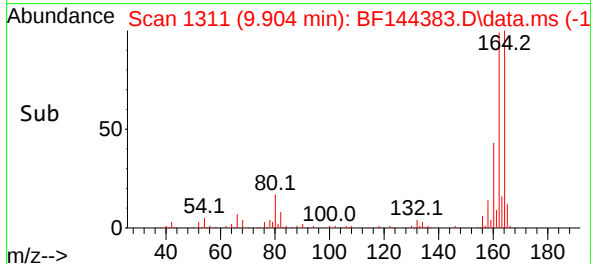
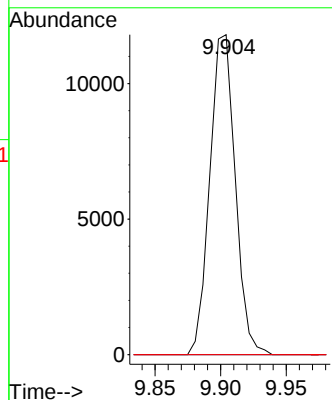
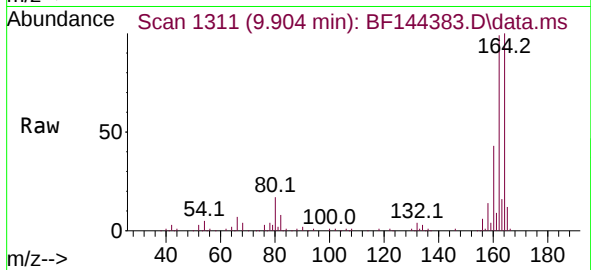




#51  
2,6-Dinitrotoluene  
Concen: 9.355 ng  
RT: 9.904 min Scan# 1311  
Delta R.T. 0.212 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

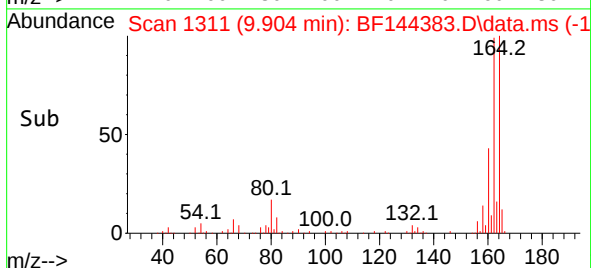
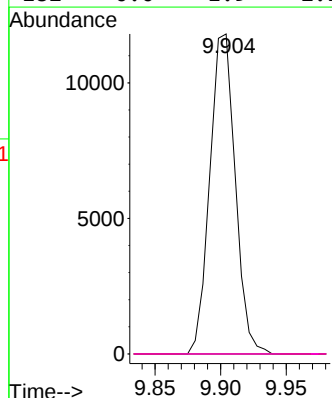
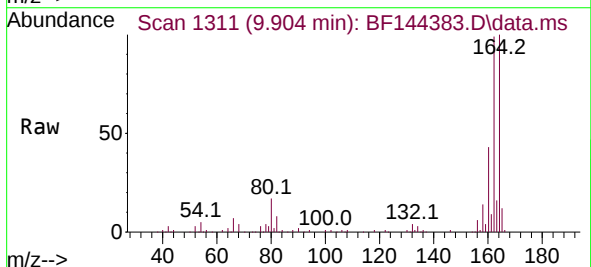
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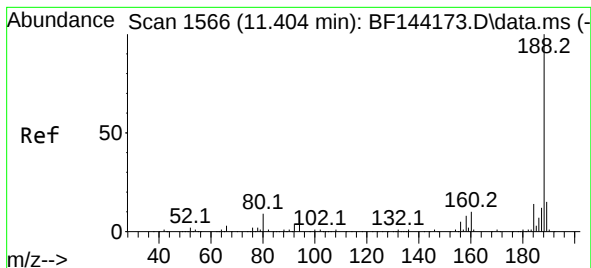
Tgt Ion:165 Resp: 15951  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.8 65.8#  
89 0.0 37.5 56.3#



#57  
2,4-Dinitrotoluene  
Concen: 6.988 ng  
RT: 9.904 min Scan# 1311  
Delta R.T. -0.194 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

Tgt Ion:165 Resp: 15951  
Ion Ratio Lower Upper  
165 100  
63 0.0 35.5 53.3#  
89 0.0 47.4 71.2#  
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144383.D

Acq: 01 Dec 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB170749BL

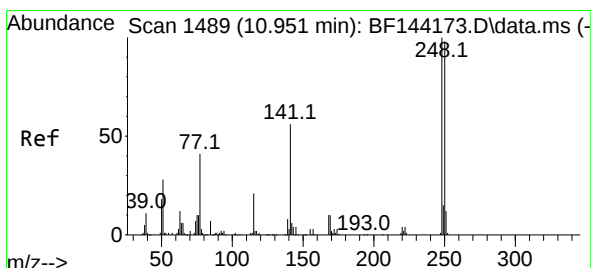
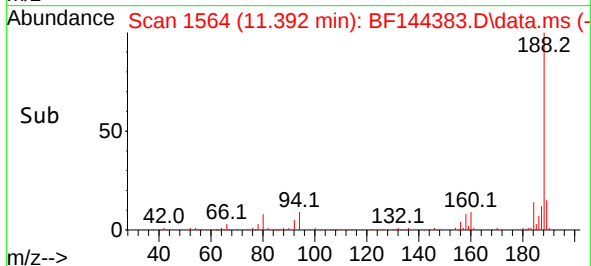
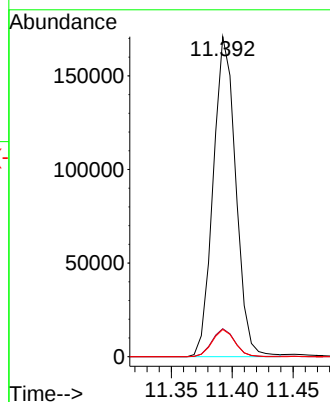
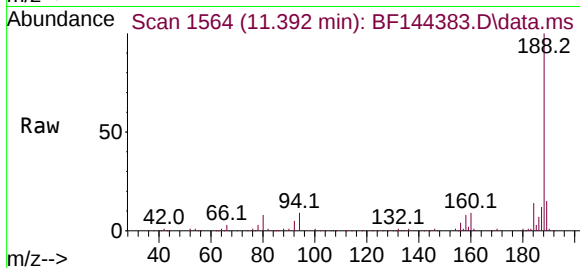
Tgt Ion:188 Resp: 220904

Ion Ratio Lower Upper

188 100

94 8.8 6.2 9.2

80 8.5 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 3.365 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF144383.D

Acq: 01 Dec 2025 13:13

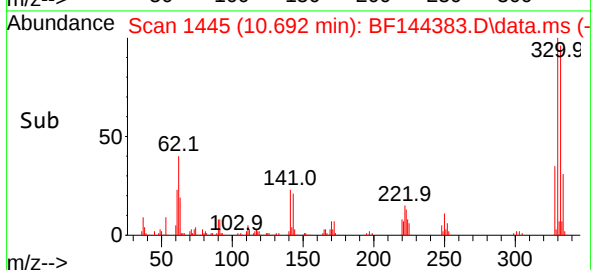
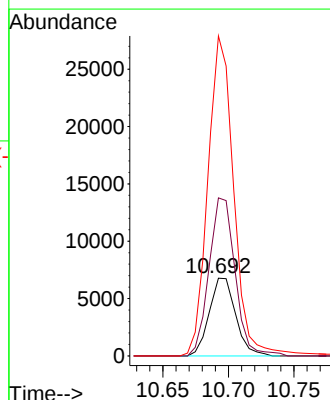
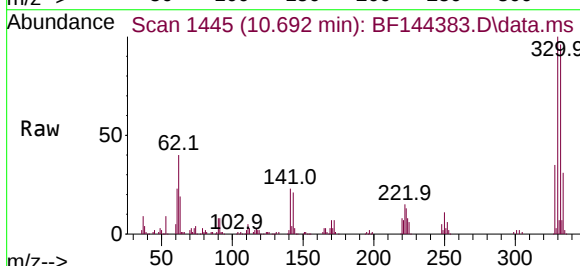
Tgt Ion:248 Resp: 9489

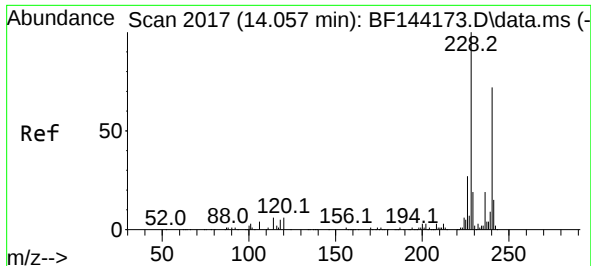
Ion Ratio Lower Upper

248 100

250 203.6 78.4 117.6#

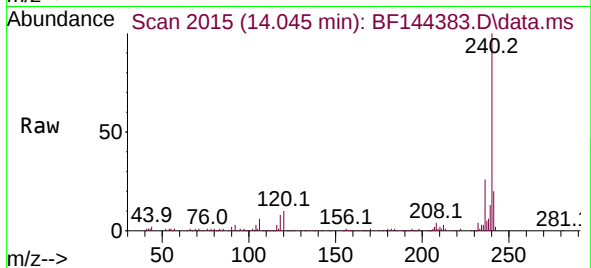
141 412.2 45.1 67.7#



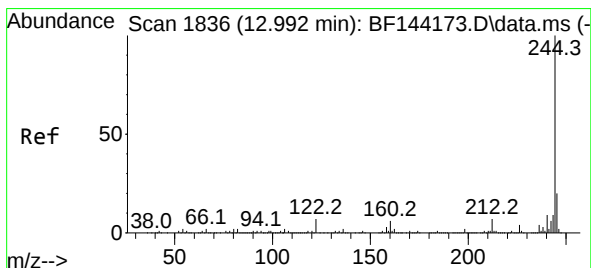
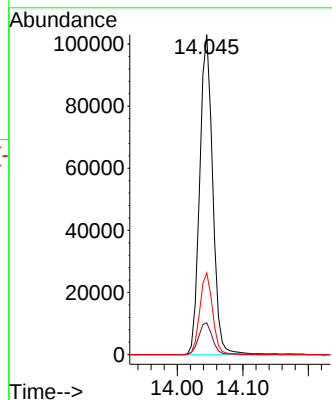
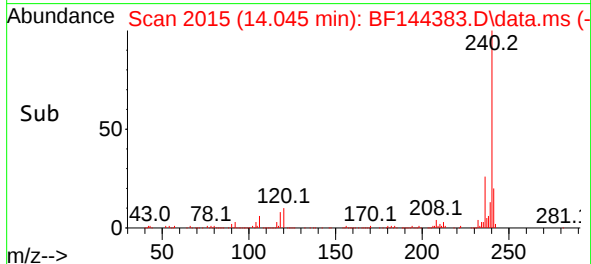


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13

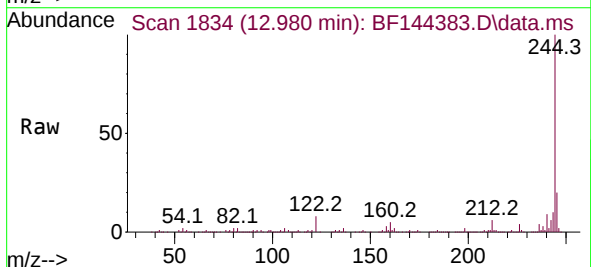
Instrument :  
BNA\_F  
ClientSampleId :  
PB170749BL



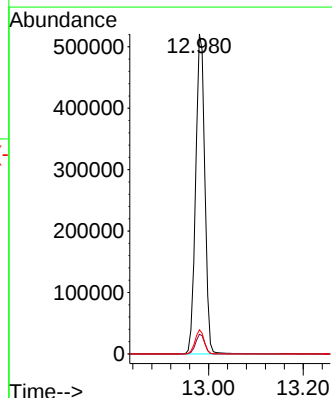
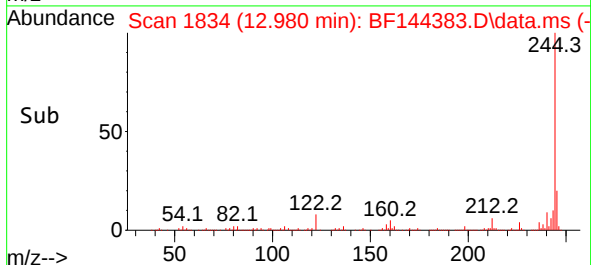
Tgt Ion:240 Resp: 141006  
Ion Ratio Lower Upper  
240 100  
120 9.9 6.6 10.0  
236 25.5 21.4 32.2

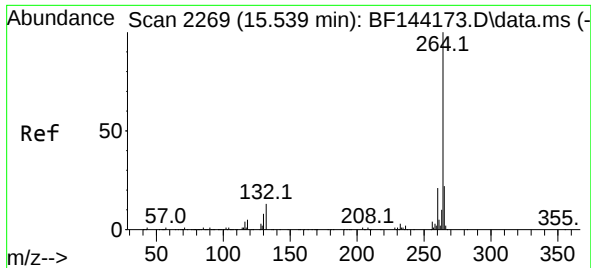


#79  
Terphenyl-d14  
Concen: 78.598 ng  
RT: 12.980 min Scan# 1834  
Delta R.T. -0.012 min  
Lab File: BF144383.D  
Acq: 01 Dec 2025 13:13



Tgt Ion:244 Resp: 697734  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.3 7.9  
122 7.5 5.6 8.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF144383.D  
 Acq: 01 Dec 2025 13:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170749BL

Tgt Ion:264 Resp: 162985  
 Ion Ratio Lower Upper  
 264 100  
 260 21.5 17.1 25.7  
 265 21.3 17.4 26.0

