

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143725.D
 Acq On : 12 Sep 2025 11:12
 Operator : RC/JU
 Sample : PB169661BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169661BL

Quant Time: Sep 12 11:33:33 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)

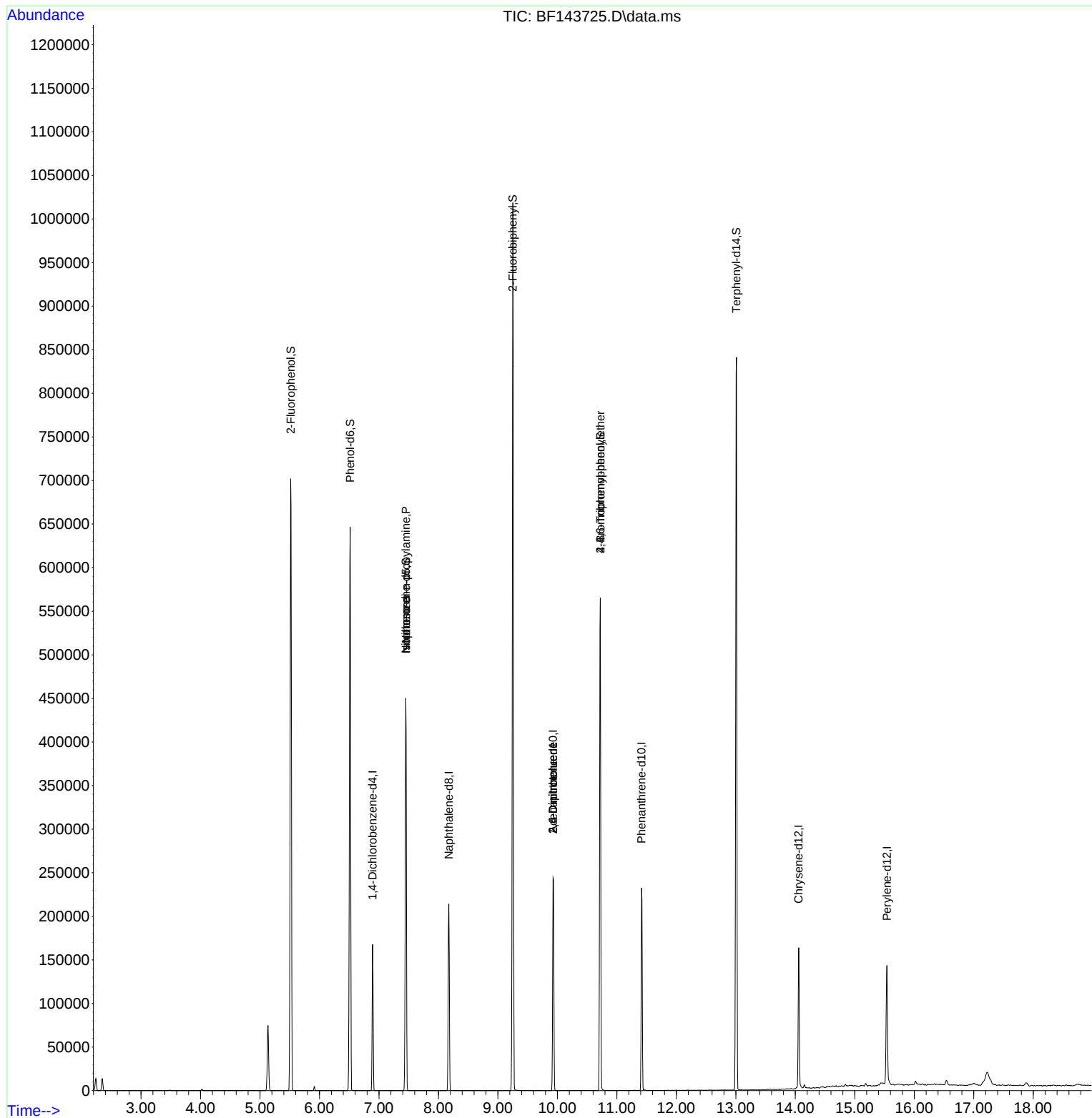
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	37749	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	143431	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	79960	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	125741	20.000	ng	0.00
76) Chrysene-d12	14.057	240	78519	20.000	ng	0.01
86) Perylene-d12	15.539	264	85245	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	298359	134.849	ng	0.02
7) Phenol-d6	6.516	99	360407	133.782	ng	0.01
23) Nitrobenzene-d5	7.451	82	219743	95.294	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	109467	135.846	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	490548	92.675	ng	0.00
79) Terphenyl-d14	13.010	244	446701	92.193	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	29111	17.595	ng	# 77
25) Isophorone	7.451	82	219362	49.610	ng	# 64
51) 2,6-Dinitrotoluene	9.927	165	10517	10.573	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	10517	7.769	ng	# 27
67) 4-Bromophenyl-phenylether	10.722	248	7336	4.838	ng	# 1

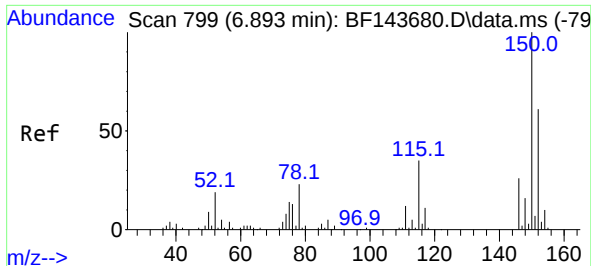
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143725.D
Acq On : 12 Sep 2025 11:12
Operator : RC/JU
Sample : PB169661BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169661BL

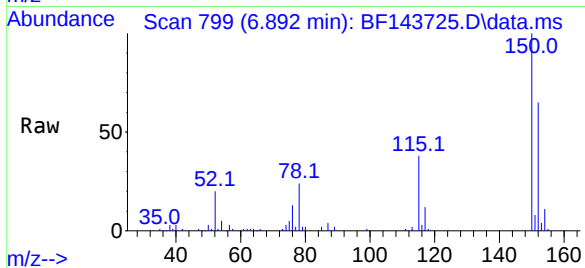
Quant Time: Sep 12 11:33:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



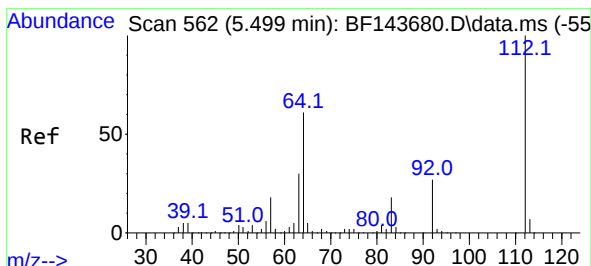
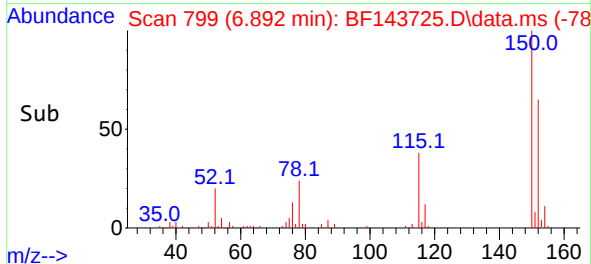
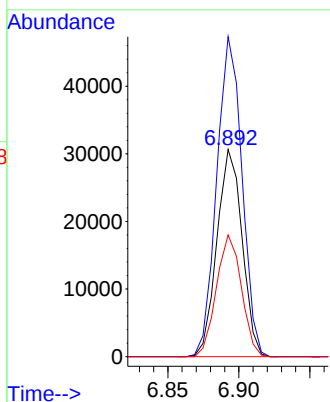


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Instrument :
BNA_F
ClientSampleId :
PB169661BL

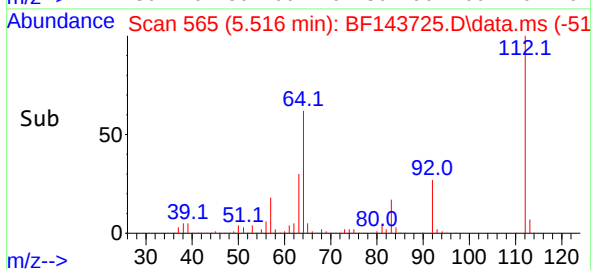
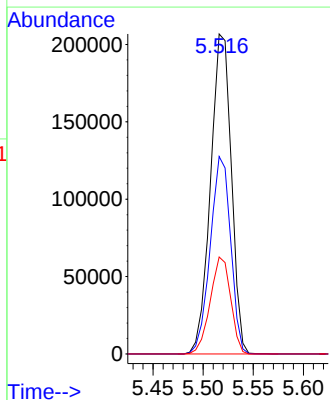
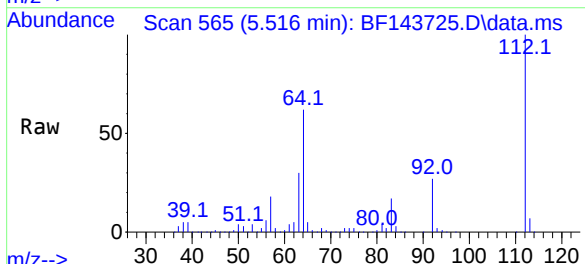


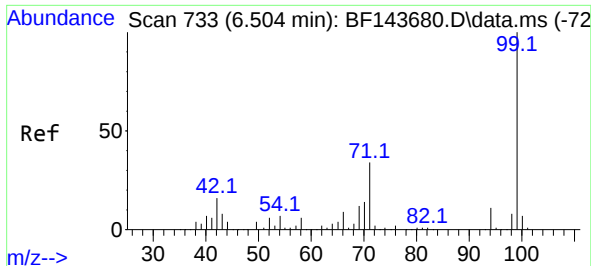
Tgt Ion:152 Resp: 37749
Ion Ratio Lower Upper
152 100
150 154.5 130.7 196.1
115 58.8 45.9 68.9



#5
2-Fluorophenol
Concen: 134.849 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.017 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion:112 Resp: 298359
Ion Ratio Lower Upper
112 100
64 61.7 49.0 73.4
63 30.3 24.3 36.5

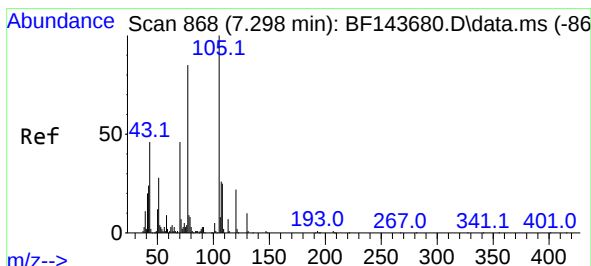
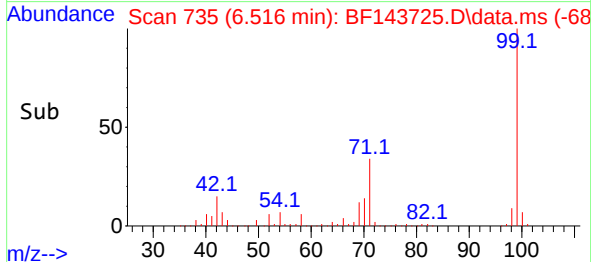
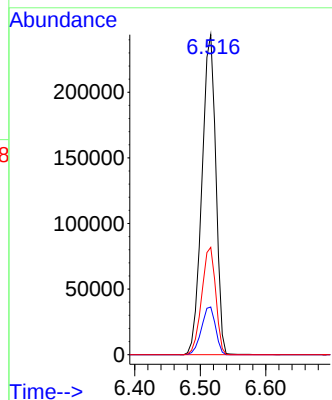
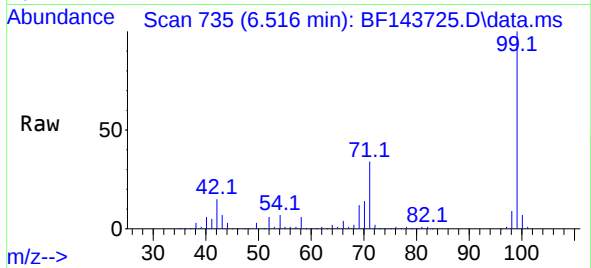




#7
Phenol-d6
Concen: 133.782 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

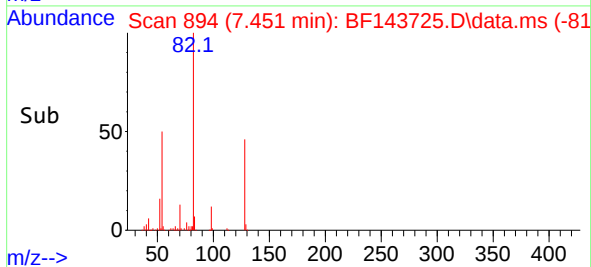
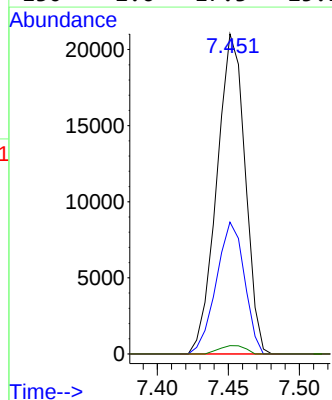
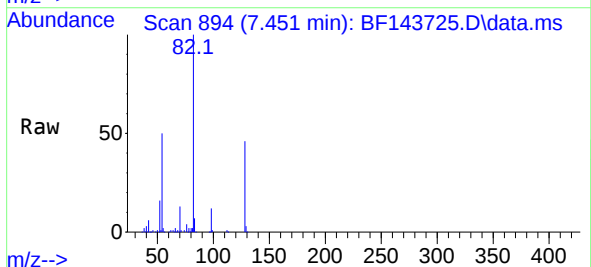
Instrument :
BNA_F
ClientSampleId :
PB169661BL

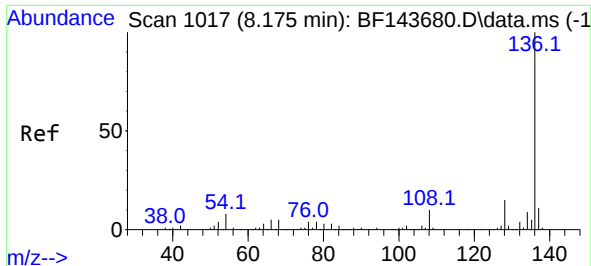
Tgt Ion: 99 Resp: 360407
Ion Ratio Lower Upper
99 100
42 14.9 13.0 19.4
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.595 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.153 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion: 70 Resp: 29111
Ion Ratio Lower Upper
70 100
42 41.2 41.4 62.2#
101 0.0 8.1 12.1#
130 2.6 17.3 25.9#



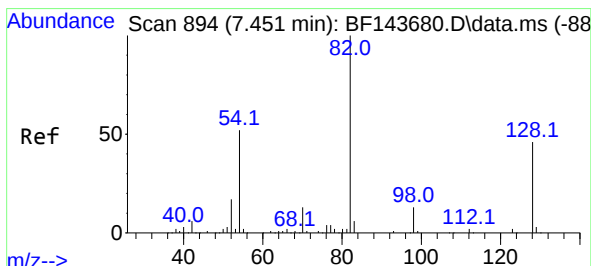
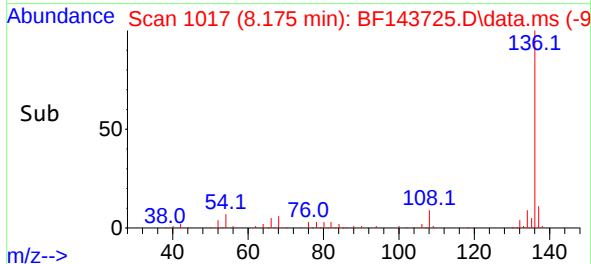
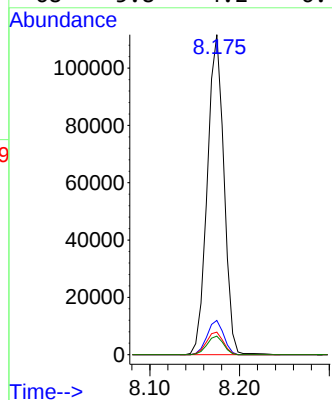
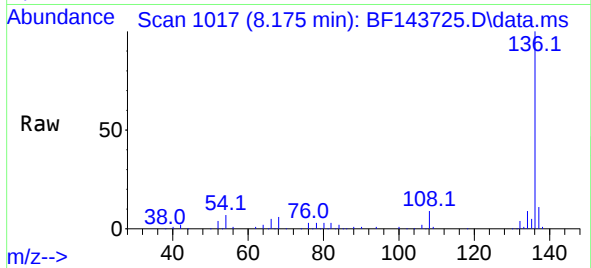


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Instrument :
BNA_F
ClientSampleId :
PB169661BL

Tgt Ion:136 Resp: 143431

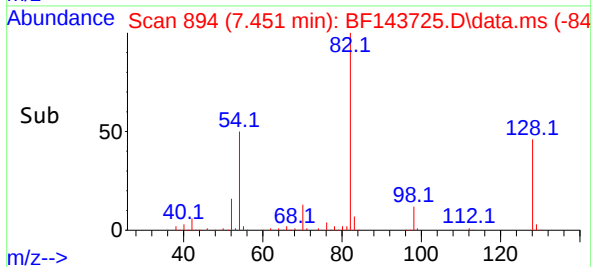
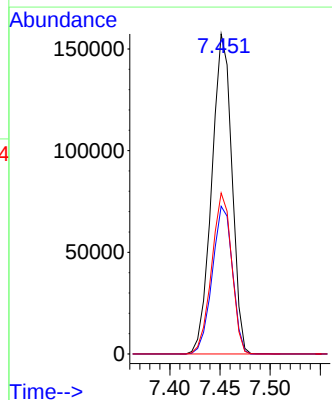
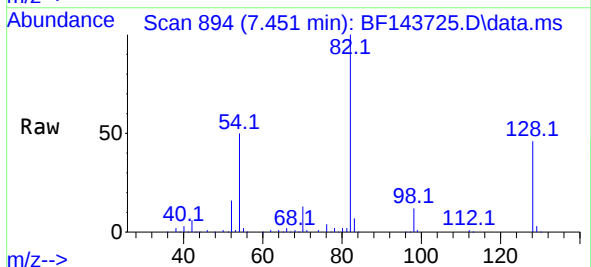
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	6.2	9.2
68	5.8	4.2	6.4

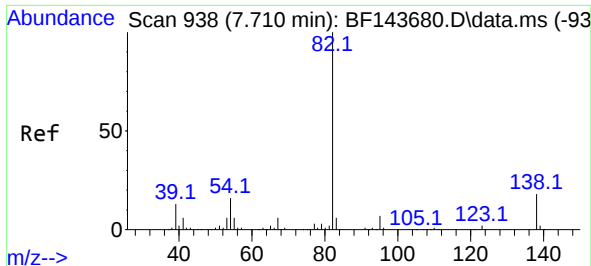


#23
Nitrobenzene-d5
Concen: 95.294 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion: 82 Resp: 219743

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	50.3	41.8	62.8

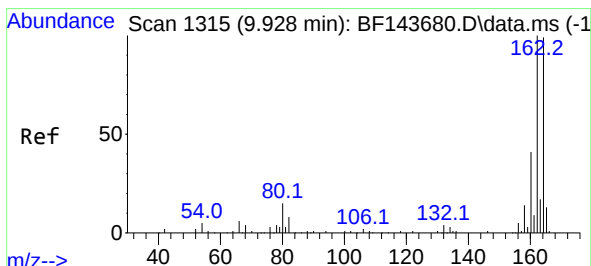
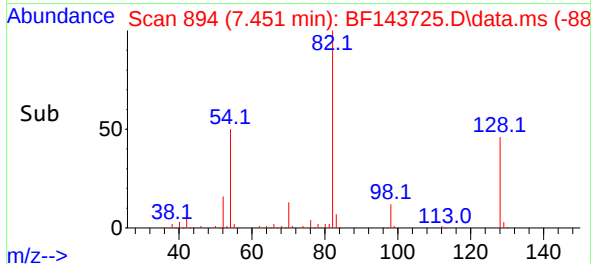
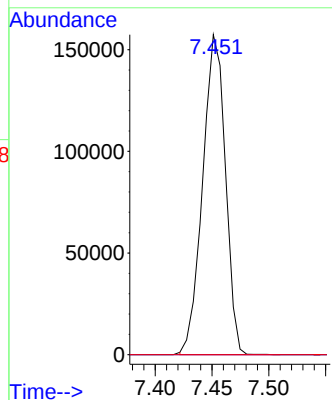
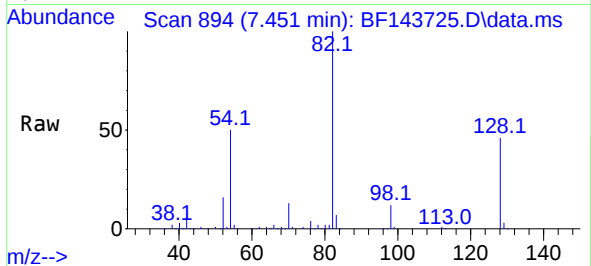




#25
Isophorone
Concen: 49.610 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

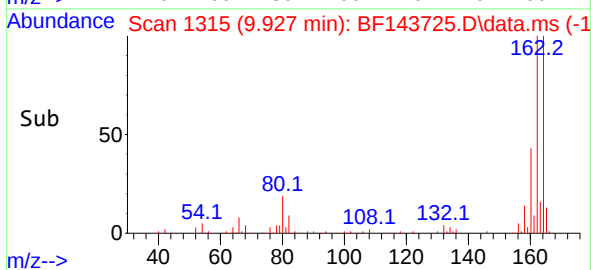
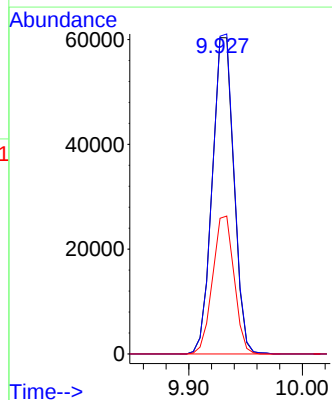
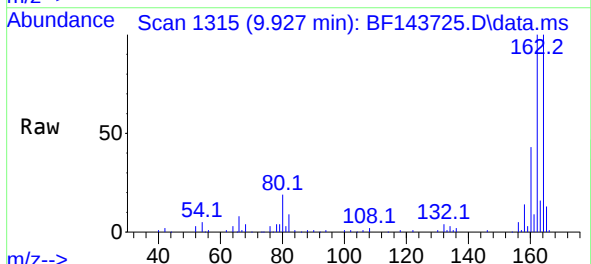
Instrument :
BNA_F
ClientSampleId :
PB169661BL

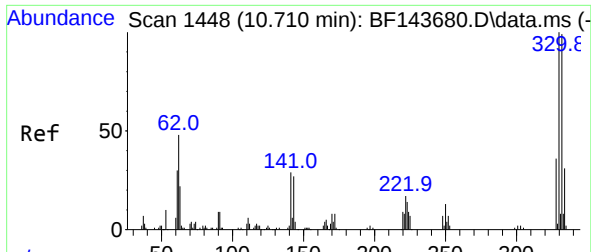
Tgt Ion: 82 Resp: 219362
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

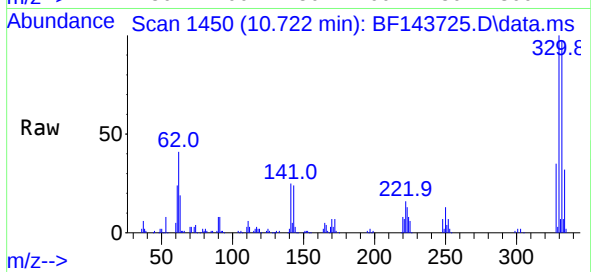
Tgt Ion:164 Resp: 79960
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 42.9 33.0 49.4



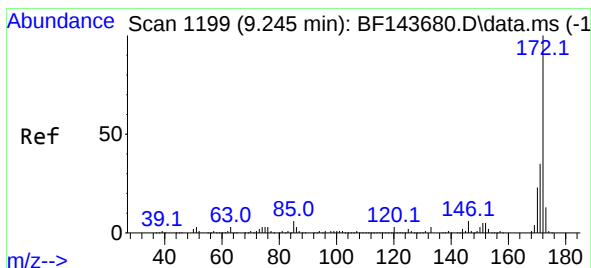
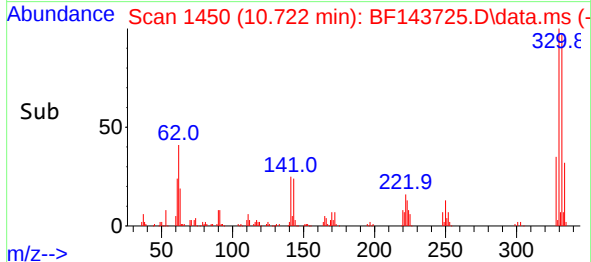
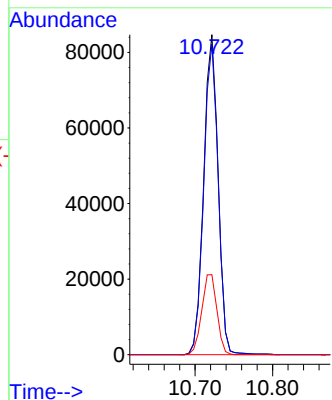


#42
2,4,6-Tribromophenol
Concen: 135.846 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Instrument :
BNA_F
ClientSampleId :
PB169661BL

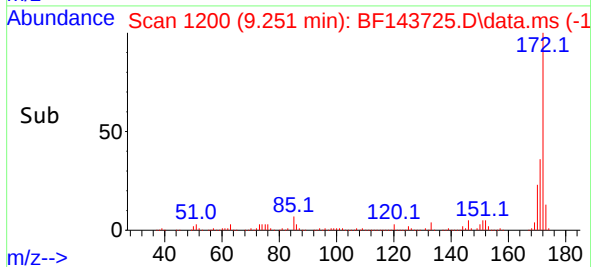
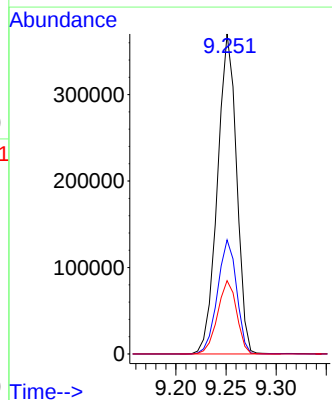
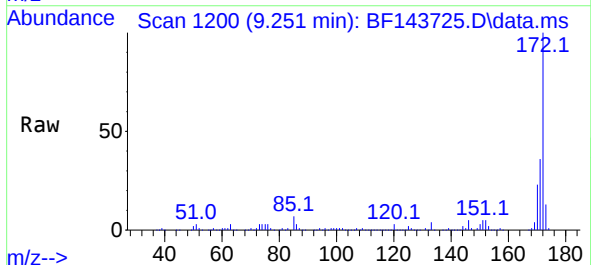


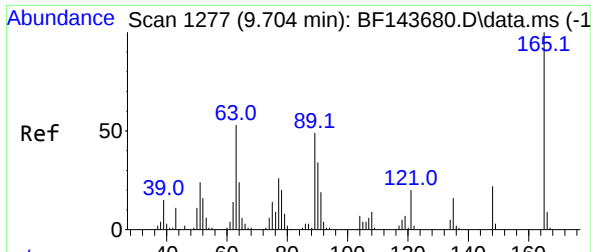
Tgt Ion:330 Resp: 109467
Ion Ratio Lower Upper
330 100
332 97.0 79.2 118.8
141 26.2 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 92.675 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion:172 Resp: 490548
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 22.9 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 10.573 ng

RT: 9.927 min Scan# 1315

Delta R.T. 0.223 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Instrument :

BNA_F

ClientSampleId :

PB169661BL

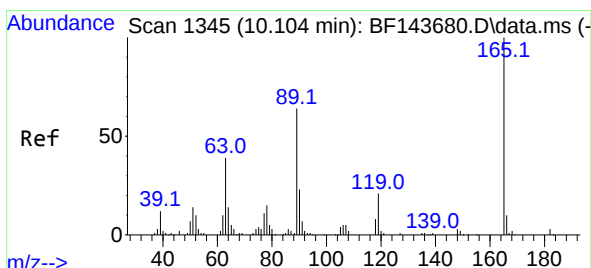
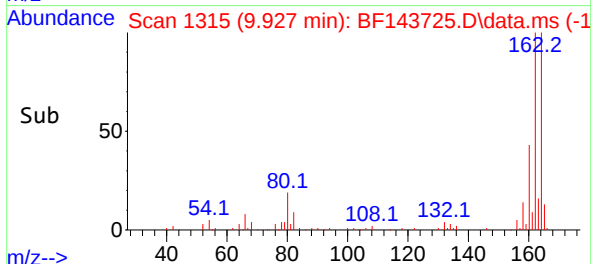
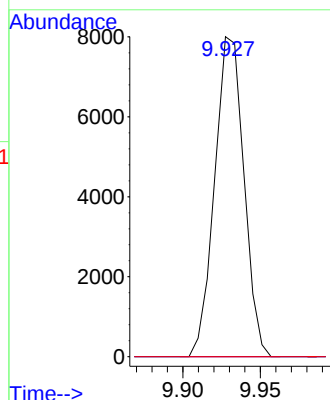
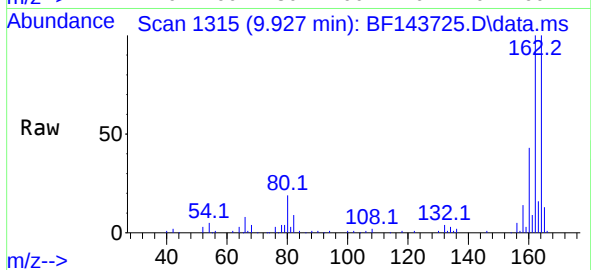
Tgt Ion:165 Resp: 10517

Ion Ratio Lower Upper

165 100

63 0.0 42.2 63.4#

89 0.0 39.3 58.9#



#57

2,4-Dinitrotoluene

Concen: 7.769 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.177 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Tgt Ion:165 Resp: 10517

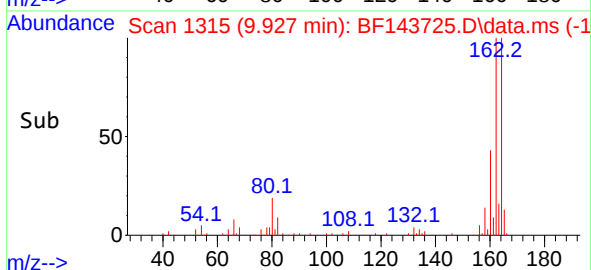
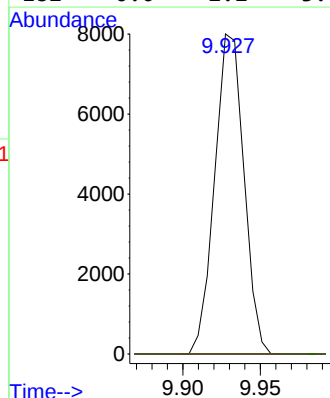
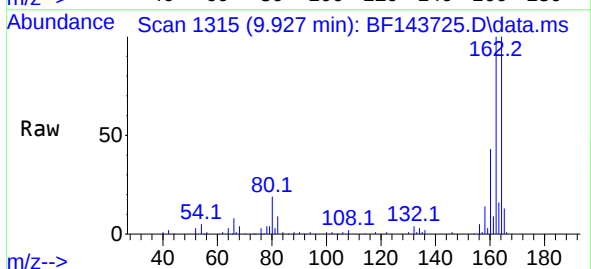
Ion Ratio Lower Upper

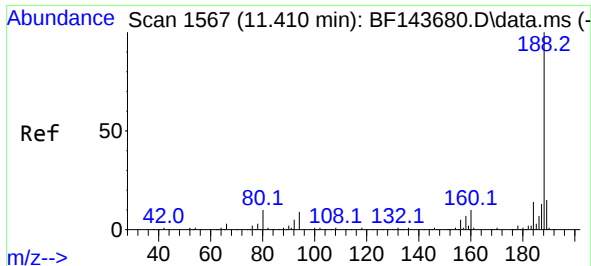
165 100

63 0.0 31.5 47.3#

89 0.0 51.3 76.9#

182 0.0 2.2 3.4#

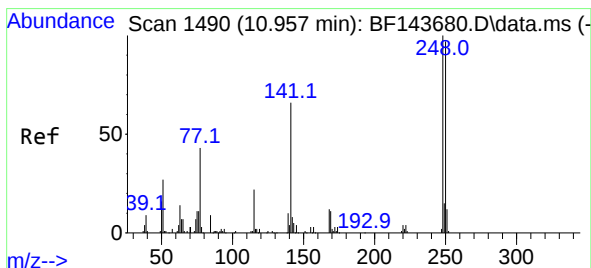
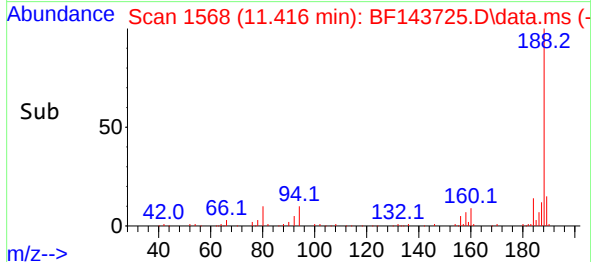
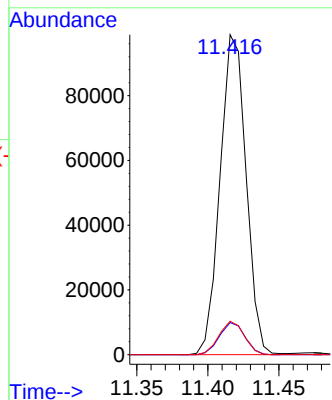
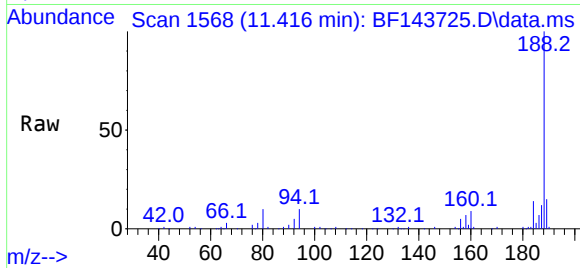




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

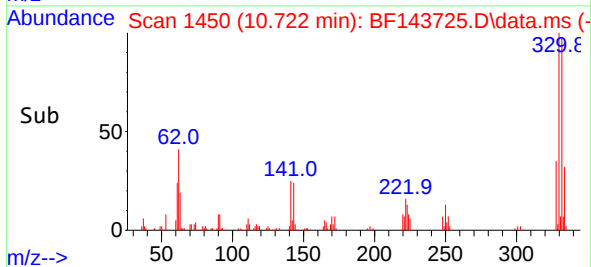
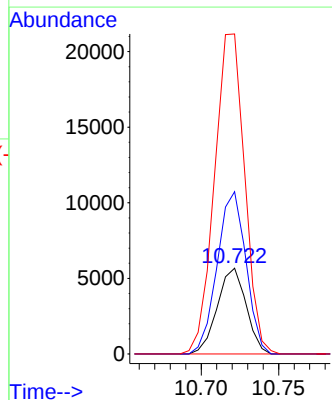
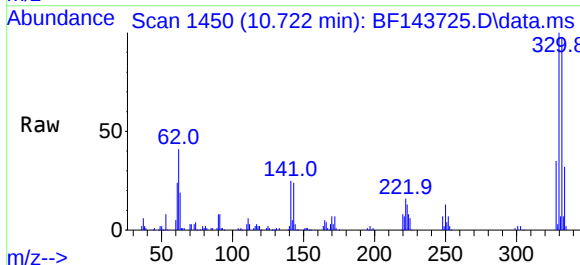
Instrument :
BNA_F
ClientSampleId :
PB169661BL

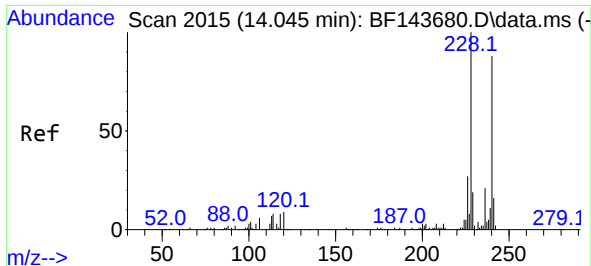
Tgt Ion:188 Resp: 125741
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.5 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.838 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.236 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion:248 Resp: 7336
Ion Ratio Lower Upper
248 100
250 189.3 77.5 116.3#
141 373.3 52.6 79.0#

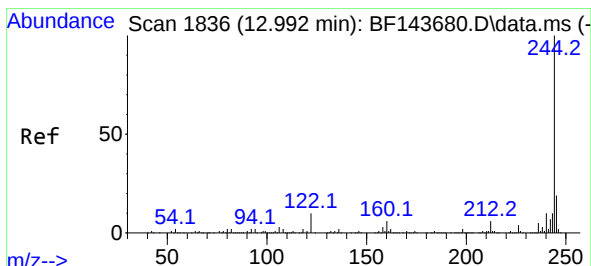
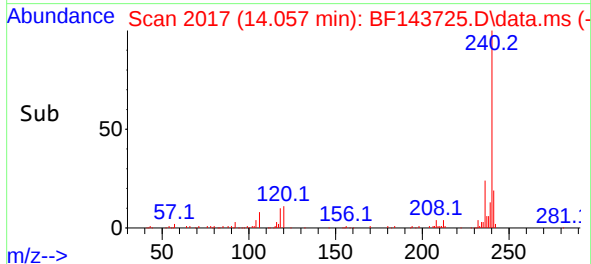
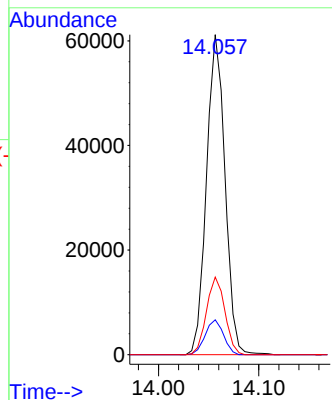
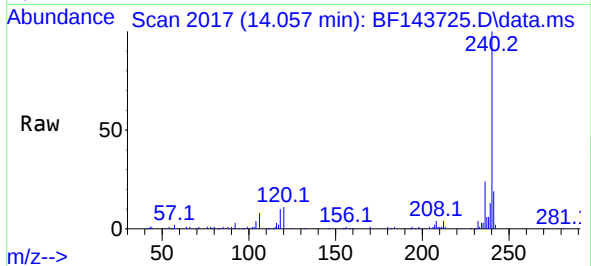




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

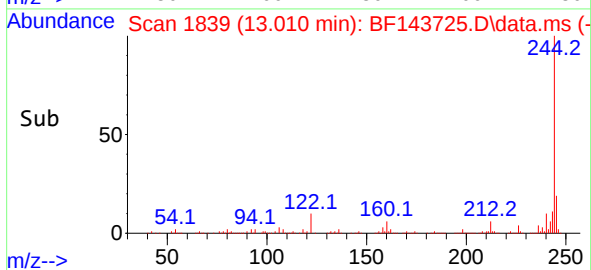
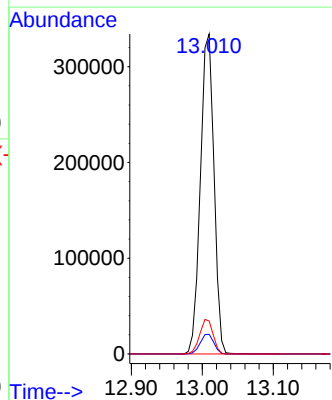
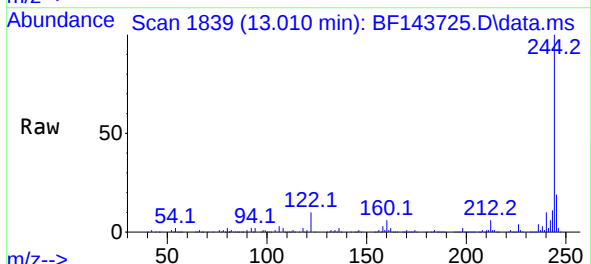
Instrument :
BNA_F
ClientSampleId :
PB169661BL

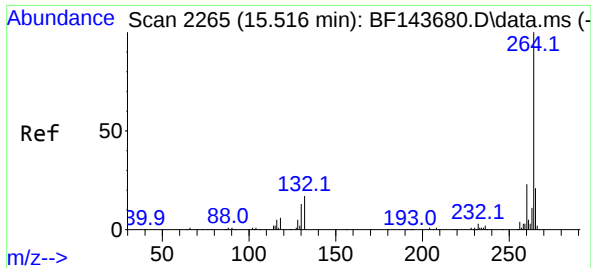
Tgt Ion:240 Resp: 78519
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 24.3 18.6 28.0



#79
Terphenyl-d14
Concen: 92.193 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.017 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

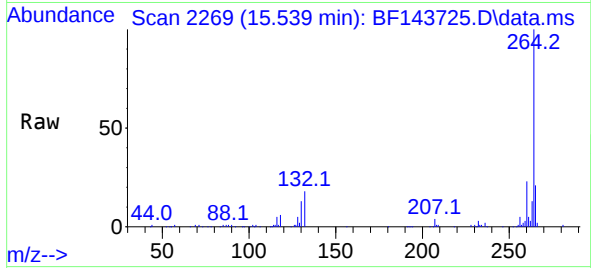
Tgt Ion:244 Resp: 446701
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.6
122 10.3 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Instrument :
BNA_F
ClientSampleId :
PB169661BL



Tgt Ion:264	Resp:	85245
Ion	Ratio	Lower Upper
264	100	
260	22.5	18.4 27.6
265	21.1	17.1 25.7

