

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144359.D
 Acq On : 26 Nov 2025 14:00
 Operator : RC/JU
 Sample : PB170735BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170735BL

Quant Time: Nov 26 14:20:09 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)

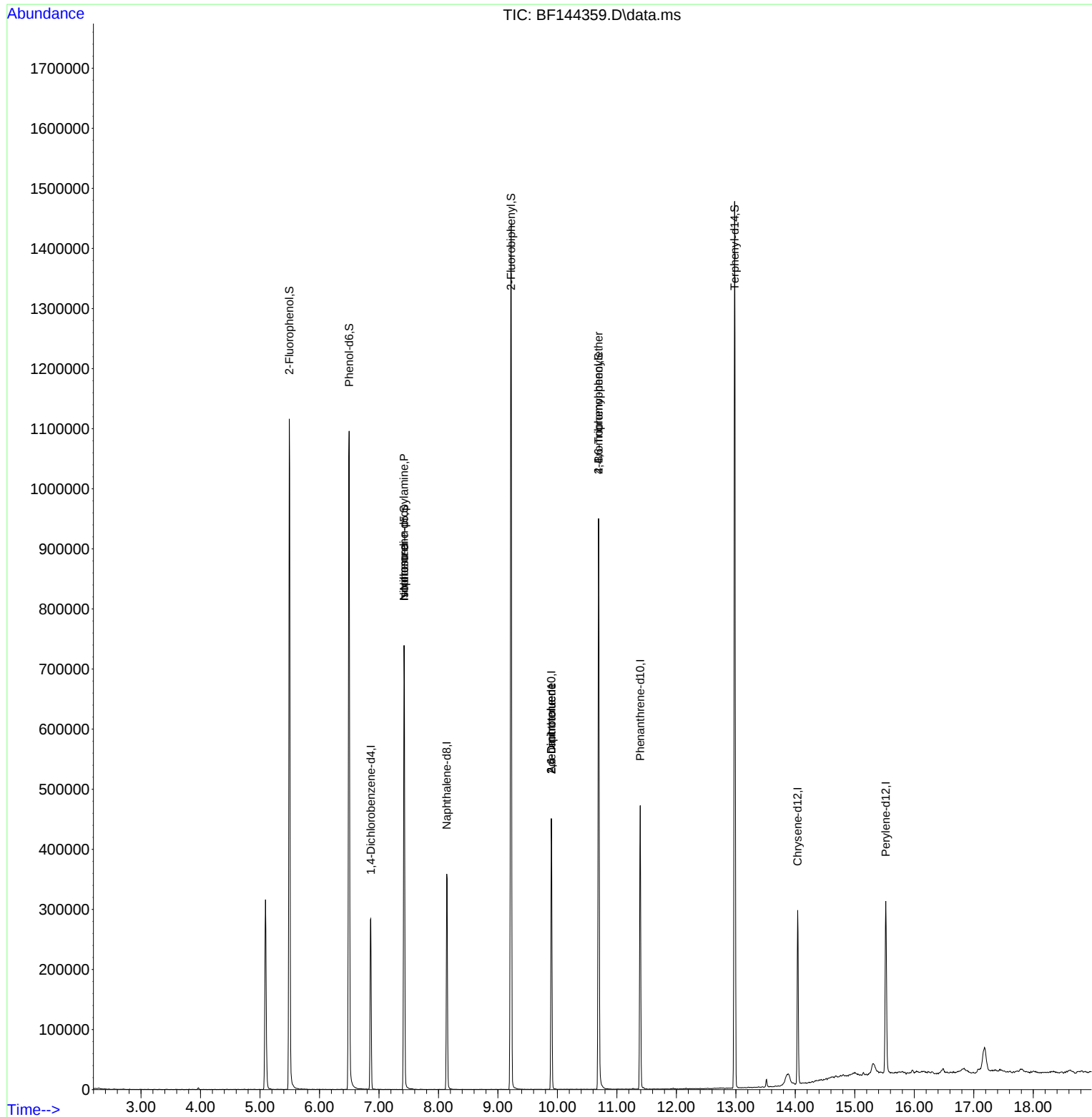
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	62889	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	250119	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	143140	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	260449	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	152468	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	186363	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	448236	111.535	ng	0.00
7) Phenol-d6	6.498	99	515544	113.217	ng	0.00
23) Nitrobenzene-d5	7.422	82	324549	74.942	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	202022	112.469	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	732415	75.571	ng	0.00
79) Terphenyl-d14	12.980	244	807922	84.169	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	48420	16.153	ng	# 77
25) Isophorone	7.422	82	324546	39.620	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	18073	9.415	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	18073	7.033	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	11011	3.312	ng	# 1

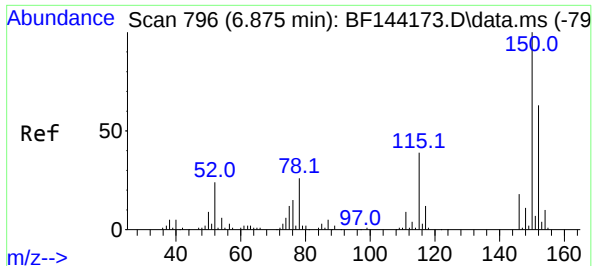
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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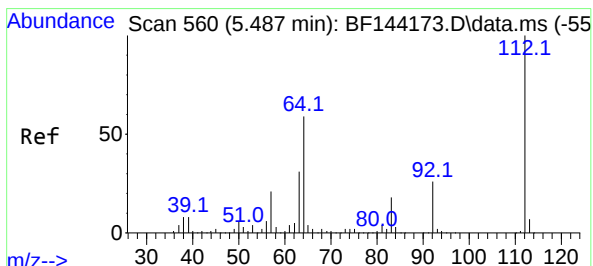
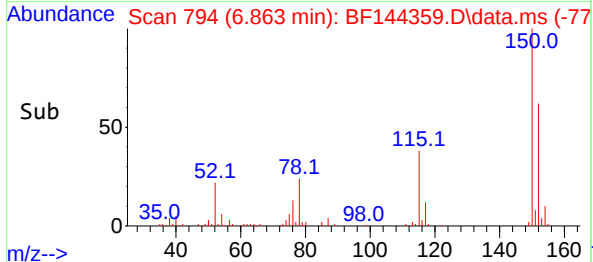
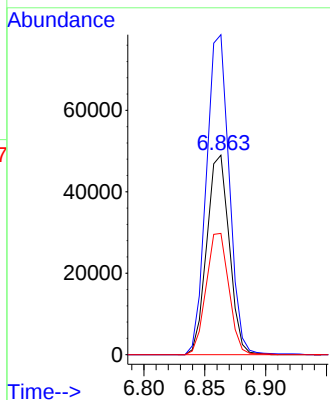
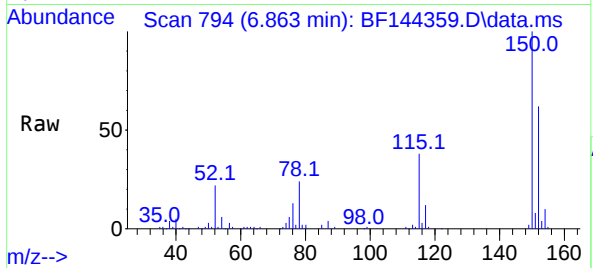




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

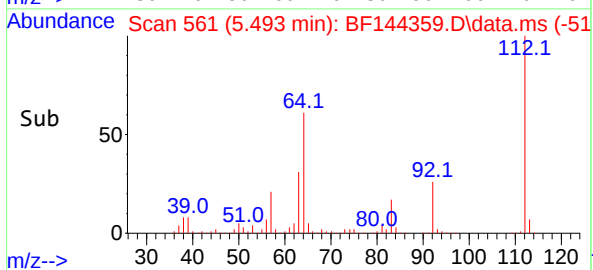
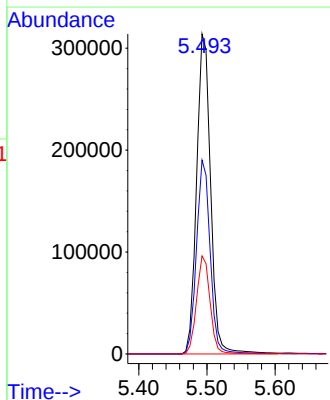
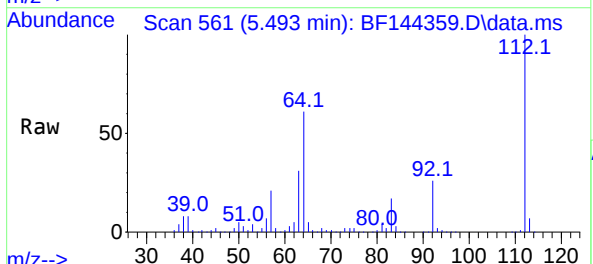
Instrument :
BNA_F
ClientSampleId :
PB170735BL

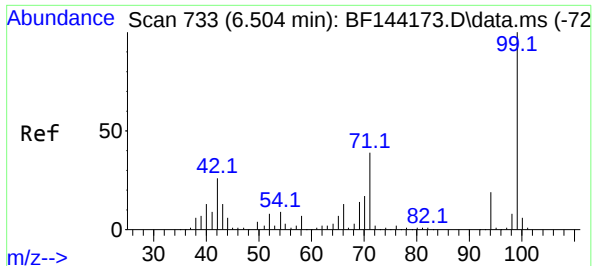
Tgt Ion:152 Resp: 62889
Ion Ratio Lower Upper
152 100
150 160.3 127.4 191.0
115 60.8 49.5 74.3



#5
2-Fluorophenol
Concen: 111.535 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:112 Resp: 448236
Ion Ratio Lower Upper
112 100
64 60.6 47.2 70.8
63 30.7 24.4 36.6

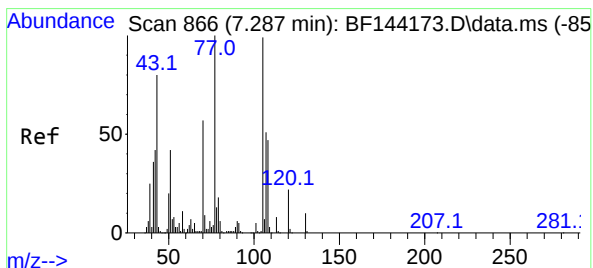
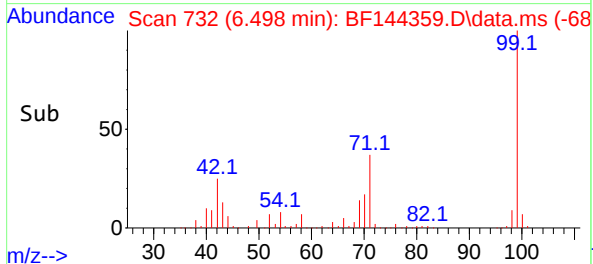
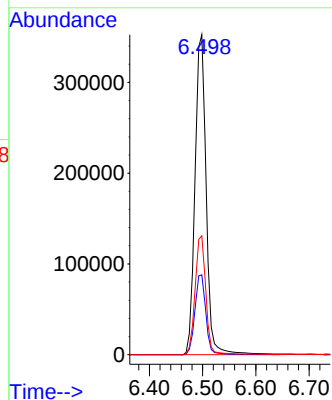
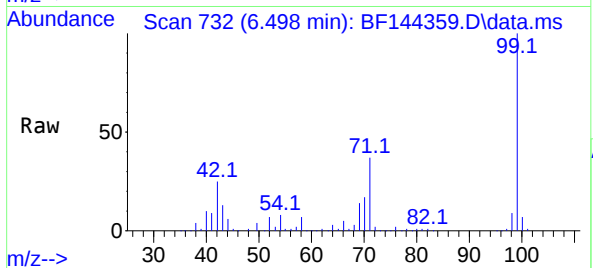




#7
Phenol-d6
Concen: 113.217 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

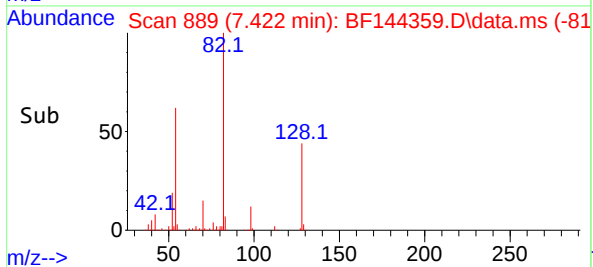
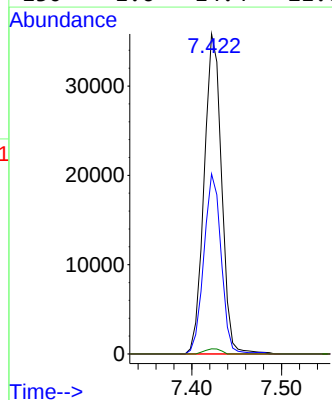
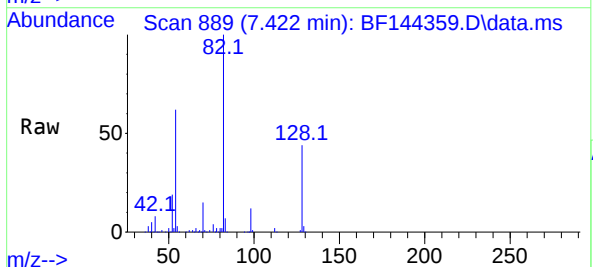
Instrument :
BNA_F
ClientSampleId :
PB170735BL

Tgt Ion: 99 Resp: 515544
Ion Ratio Lower Upper
99 100
42 25.0 20.9 31.3
71 37.1 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.153 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion: 70 Resp: 48420
Ion Ratio Lower Upper
70 100
42 56.3 58.3 87.5#
101 0.0 7.0 10.6#
130 1.6 14.4 21.6#



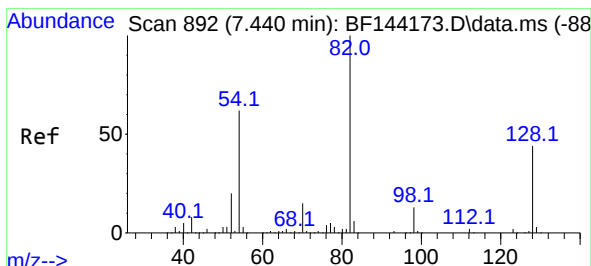
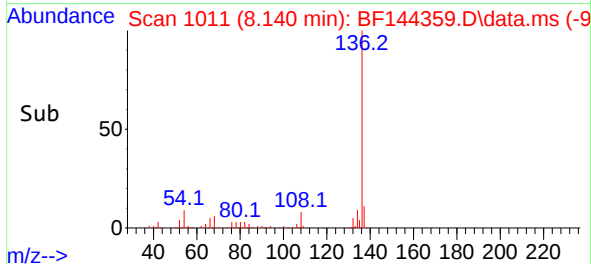
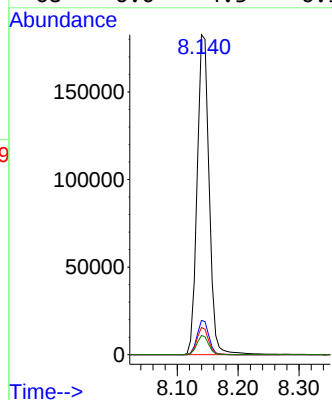
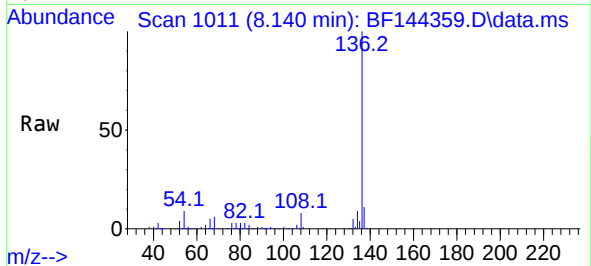


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Instrument :
BNA_F
ClientSampleId :
PB170735BL

Tgt Ion:136 Resp: 250119

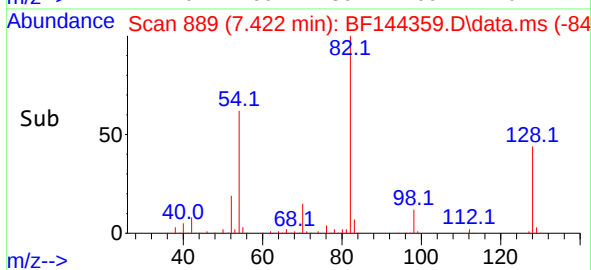
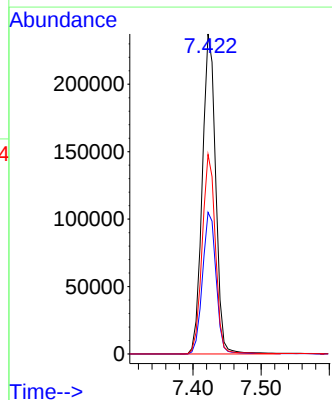
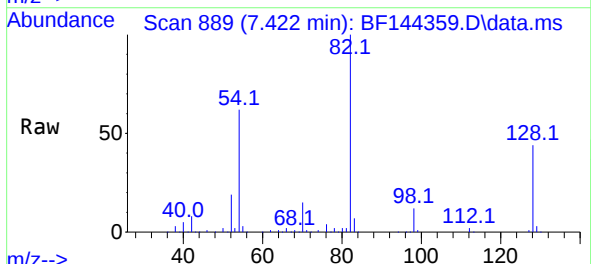
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.5	7.0	10.6
68	6.0	4.3	6.5

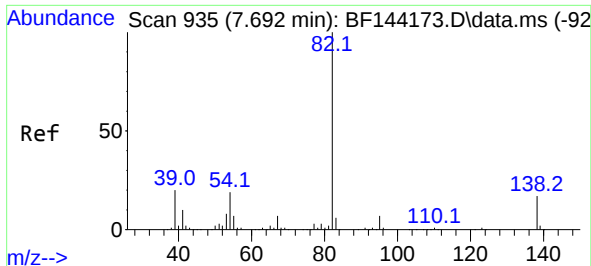


#23
Nitrobenzene-d5
Concen: 74.942 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion: 82 Resp: 324549

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.7	52.1
54	62.4	49.5	74.3

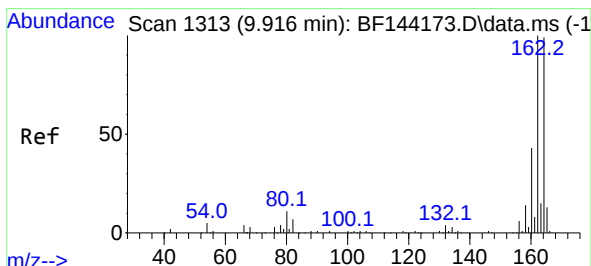
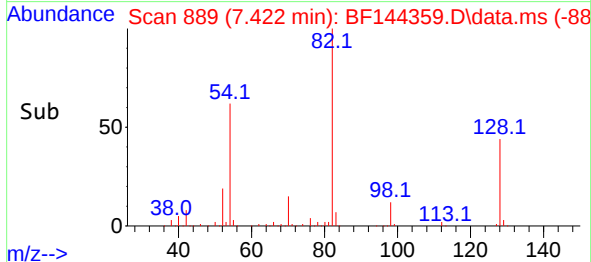
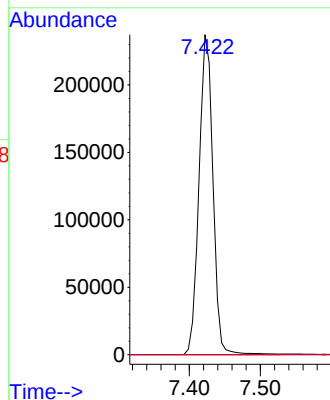
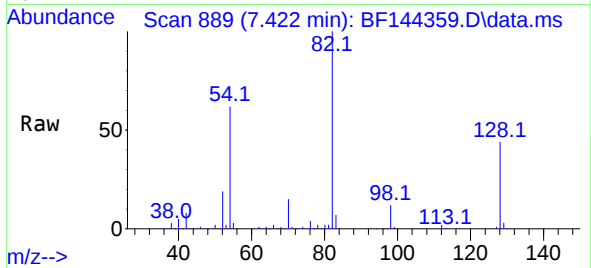




#25
Isophorone
Concen: 39.620 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

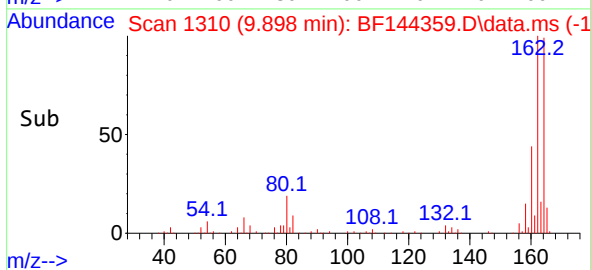
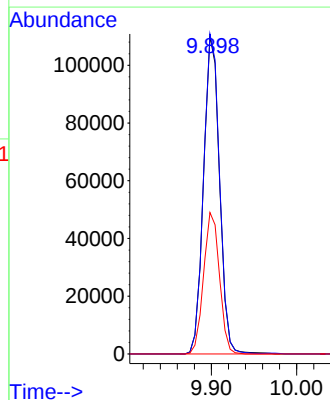
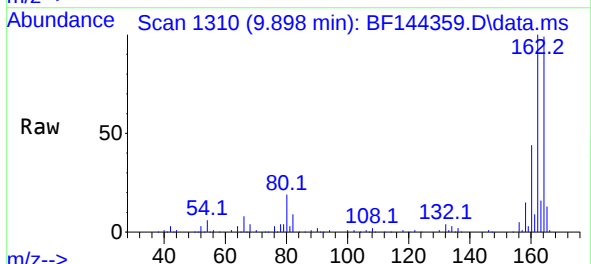
Instrument :
BNA_F
ClientSampleId :
PB170735BL

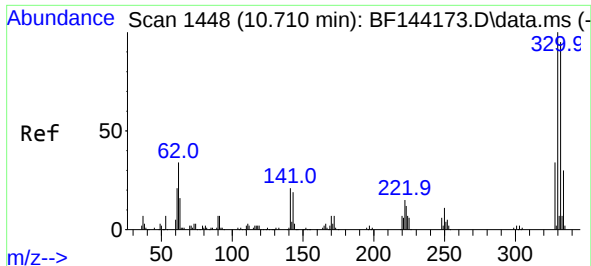
Tgt Ion: 82 Resp: 324546
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

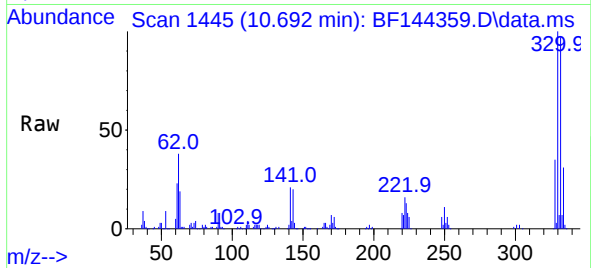
Tgt Ion:164 Resp: 143140
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 44.6 34.5 51.7



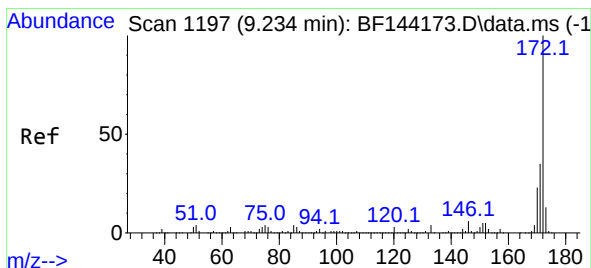
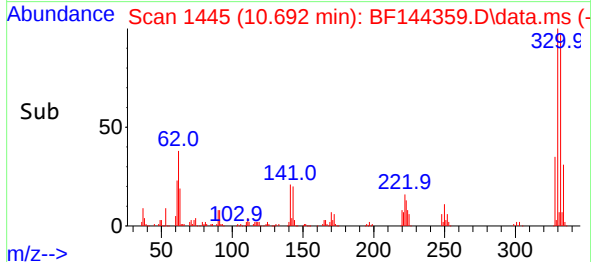
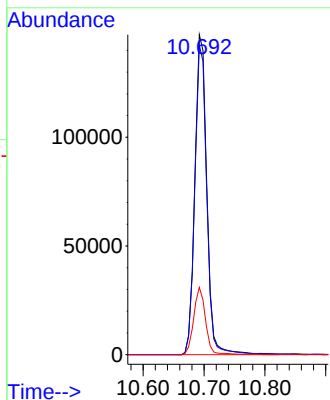


#42
2,4,6-Tribromophenol
Concen: 112.469 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Instrument :
BNA_F
ClientSampleId :
PB170735BL

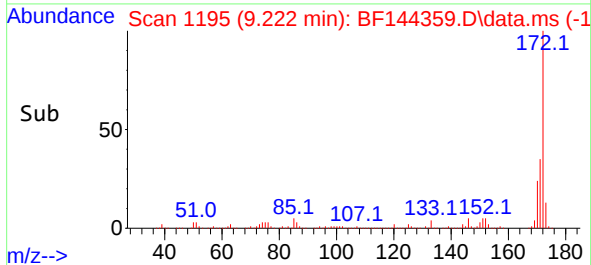
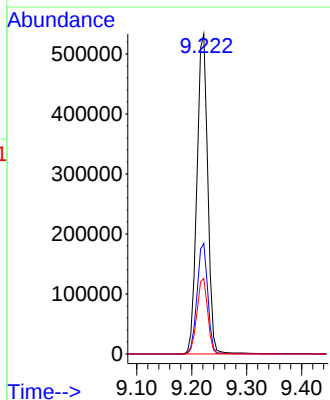
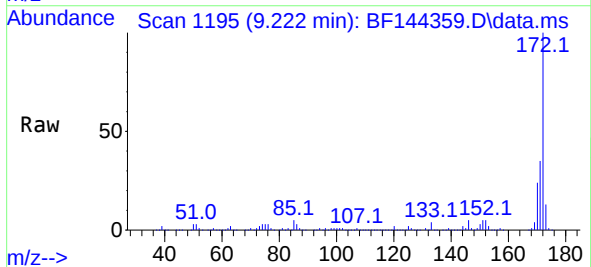


Tgt Ion:330 Resp: 202022
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 20.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 75.571 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:172 Resp: 732415
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 9.415 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Instrument :

BNA_F

ClientSampleId :

PB170735BL

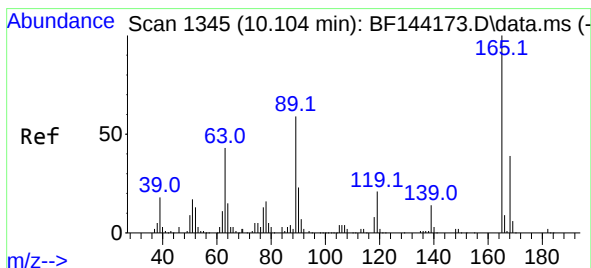
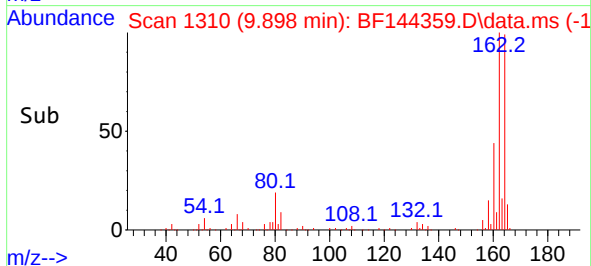
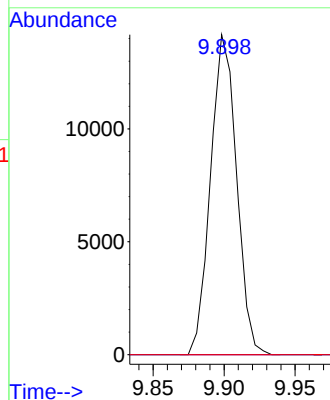
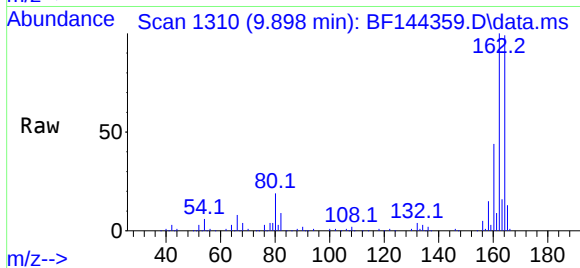
Tgt Ion:165 Resp: 18073

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: 7.033 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.200 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Tgt Ion:165 Resp: 18073

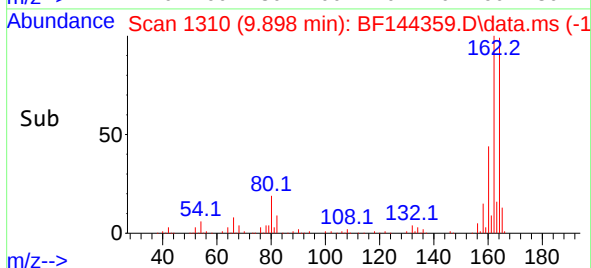
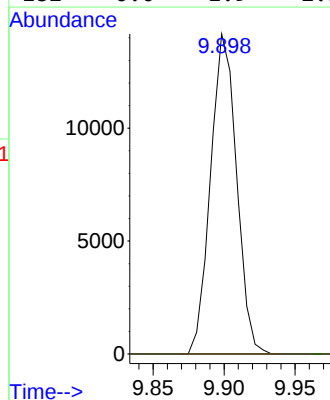
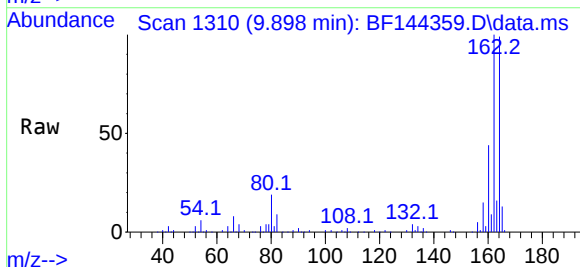
Ion Ratio Lower Upper

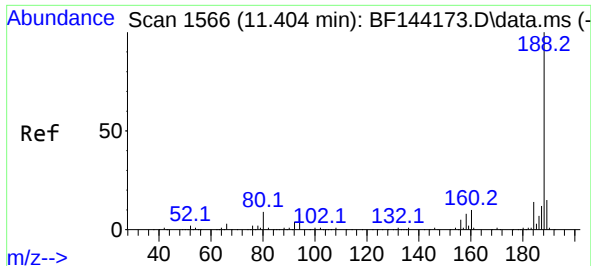
165 100

63 0.0 35.5 53.3#

89 0.0 47.4 71.2#

182 0.0 1.9 2.9#

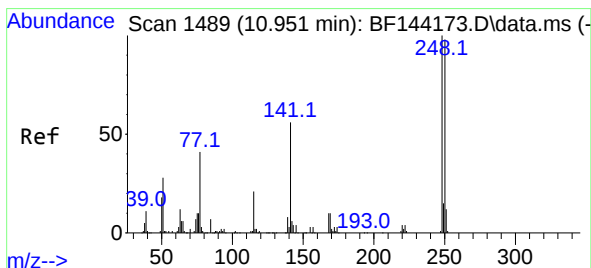
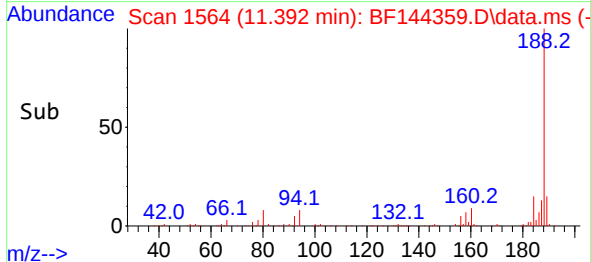
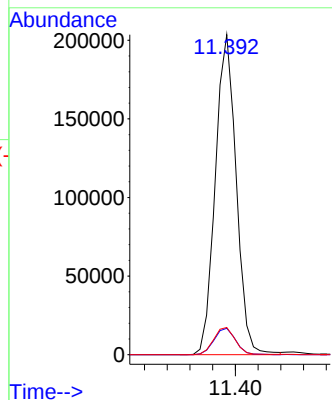
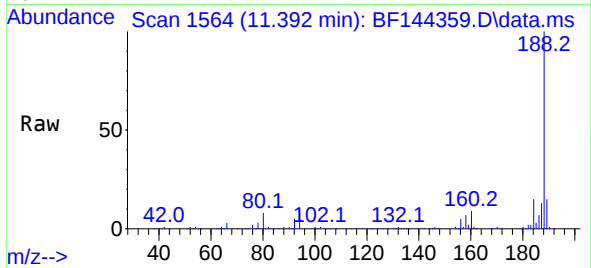




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

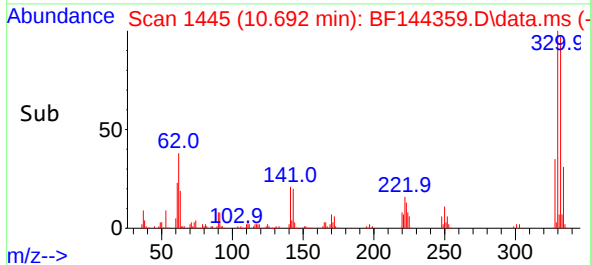
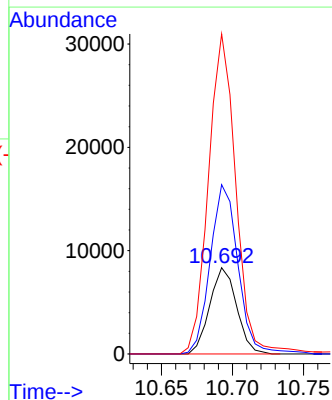
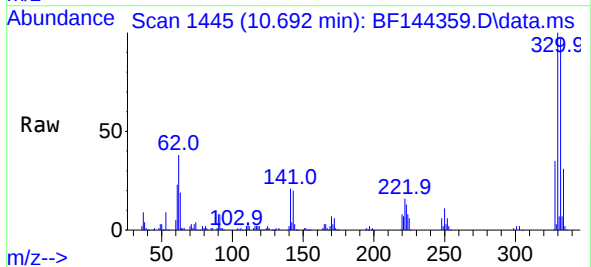
Instrument :
BNA_F
ClientSampleId :
PB170735BL

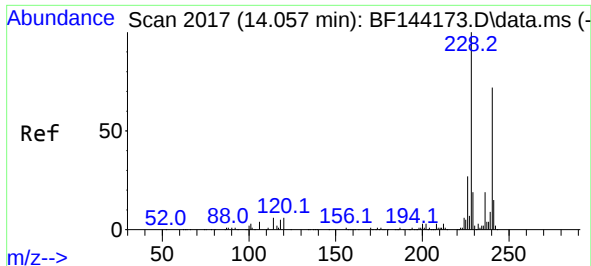
Tgt Ion:188 Resp: 260449
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.5 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.312 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:248 Resp: 11011
Ion Ratio Lower Upper
248 100
250 196.2 78.4 117.6#
141 370.8 45.1 67.7#

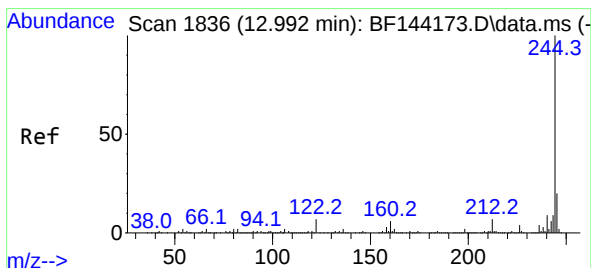
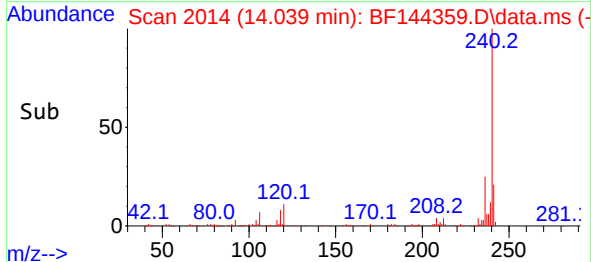
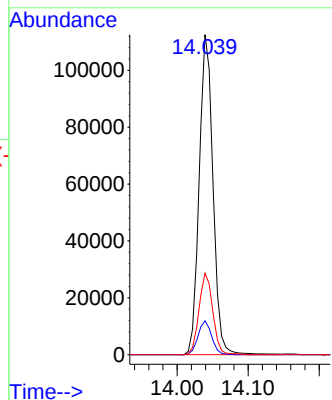
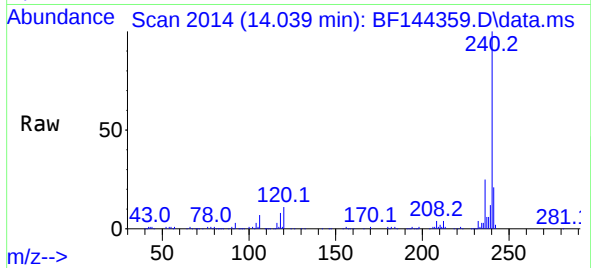




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

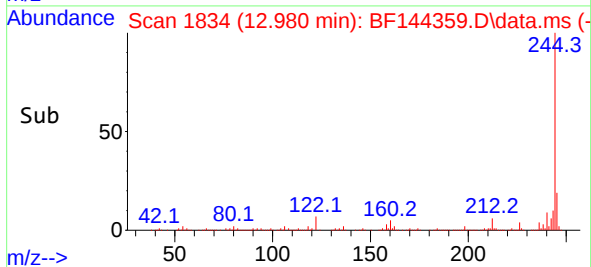
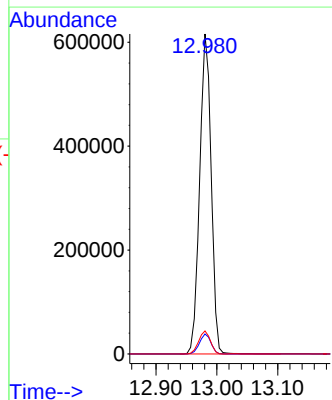
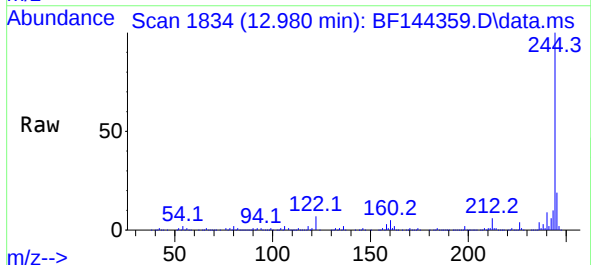
Instrument :
BNA_F
ClientSampleId :
PB170735BL

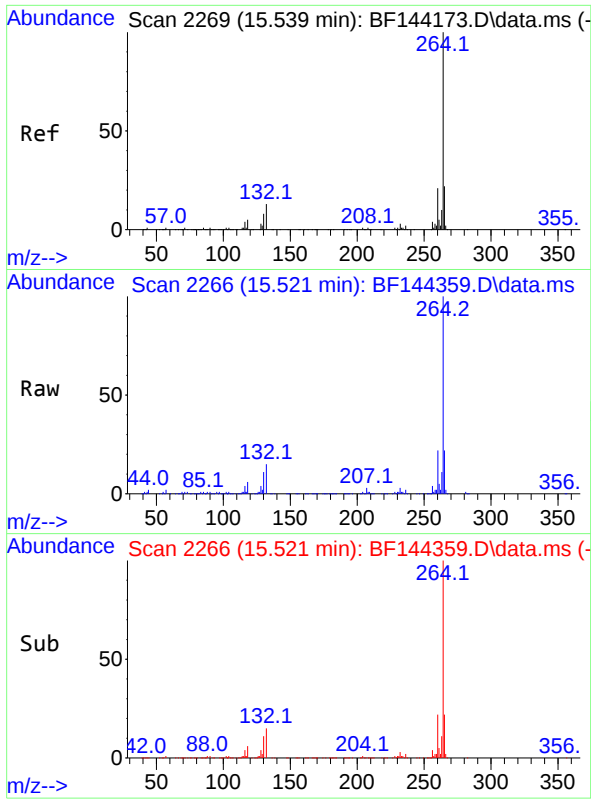
Tgt Ion:240 Resp: 152468
Ion Ratio Lower Upper
240 100
120 10.6 6.6 10.0#
236 25.4 21.4 32.2



#79
Terphenyl-d14
Concen: 84.169 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:244 Resp: 807922
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 7.2 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Instrument :
BNA_F
ClientSampleId :
PB170735BL

Tgt Ion:264 Resp: 186363
Ion Ratio Lower Upper
264 100
260 21.8 17.1 25.7
265 22.0 17.4 26.0

