

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143752.D
 Acq On : 15 Sep 2025 15:22
 Operator : RC/JU
 Sample : PB169696BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BL

Quant Time: Sep 15 15:43:59 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)

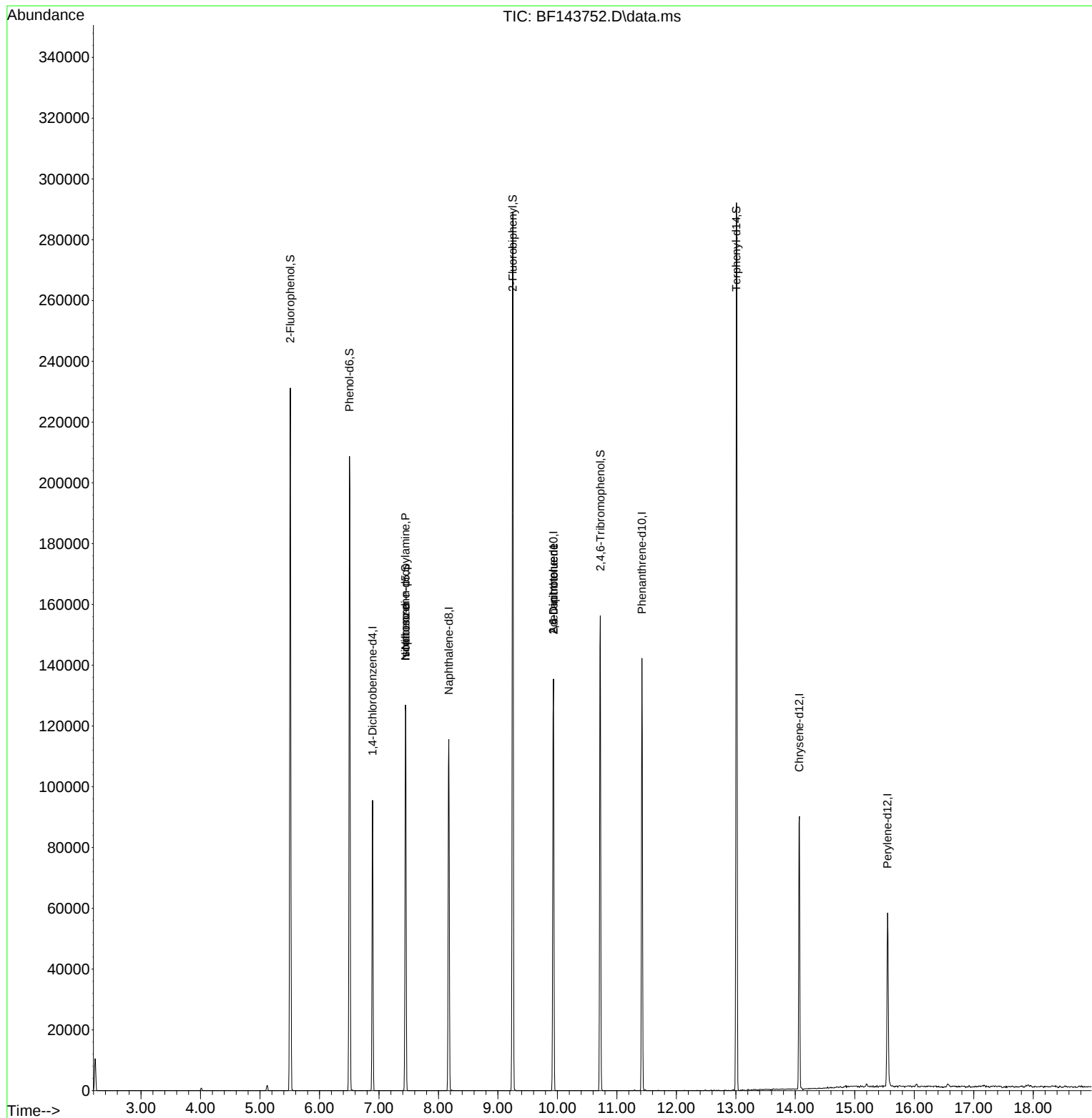
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	21716	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	78710	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	43568	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	74477	20.000	ng	0.01
76) Chrysene-d12	14.069	240	47305	20.000	ng	0.02
86) Perylene-d12	15.551	264	35779	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	90284	70.933	ng	0.01
7) Phenol-d6	6.504	99	104902	67.688	ng	0.00
23) Nitrobenzene-d5	7.445	82	60343	47.686	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	28997	66.042	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	142017	49.241	ng	0.00
79) Terphenyl-d14	13.010	244	149112	51.081	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	7729	8.120	ng	Qvalue # 75
25) Isophorone	7.445	82	60151	24.789	ng	# 64
51) 2,6-Dinitrotoluene	9.934	165	5829	10.755	ng	# 27
57) 2,4-Dinitrotoluene	9.934	165	5829	7.902	ng	# 27

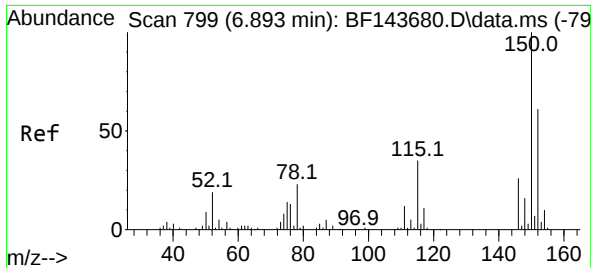
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143752.D
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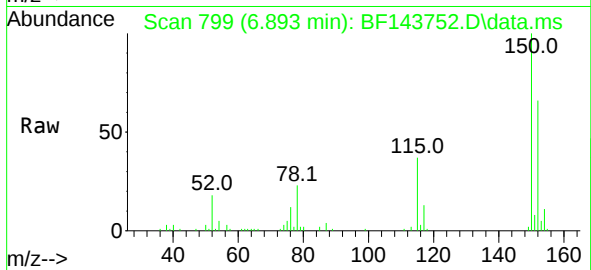
Quant Time: Sep 15 15:43:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



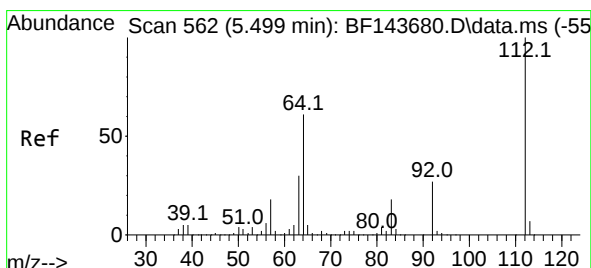
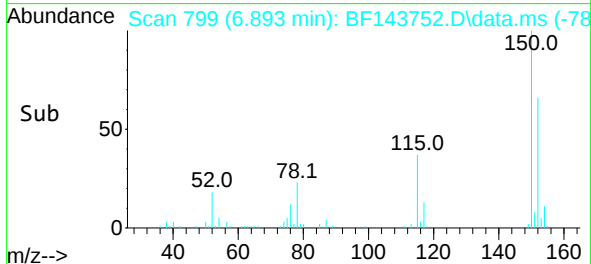
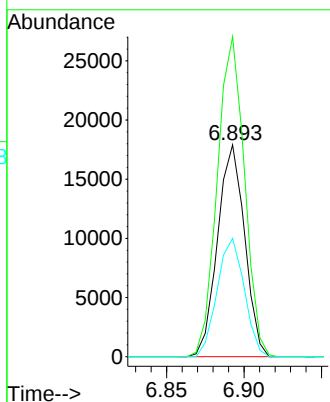


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

Instrument :
BNA_F
ClientSampleId :
PB169696BL

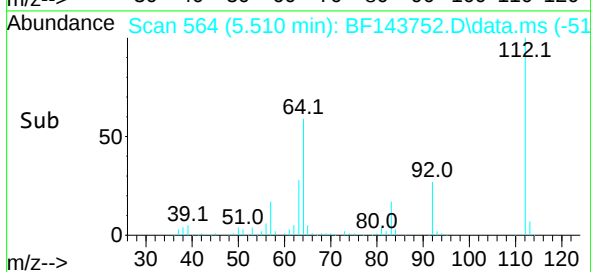
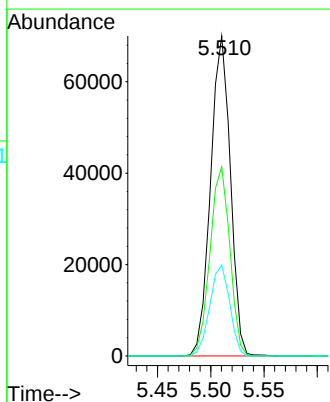
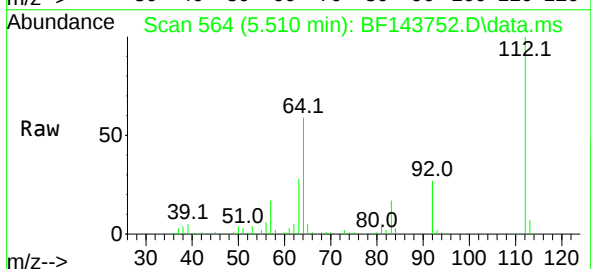


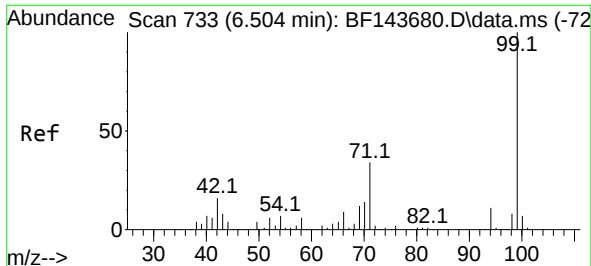
Tgt Ion:152 Resp: 21716
Ion Ratio Lower Upper
152 100
150 151.1 130.7 196.1
115 55.9 45.9 68.9



#5
2-Fluorophenol
Concen: 70.933 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

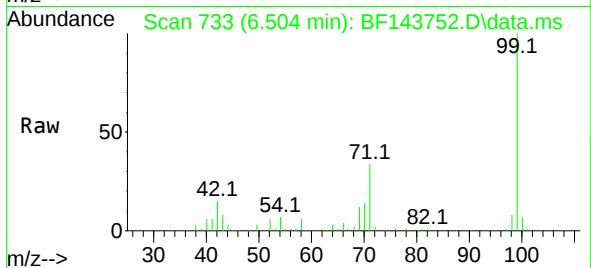
Tgt Ion:112 Resp: 90284
Ion Ratio Lower Upper
112 100
64 59.1 49.0 73.4
63 28.4 24.3 36.5



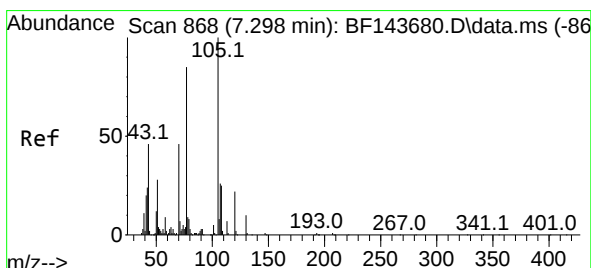
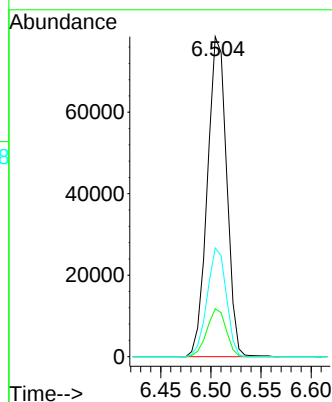
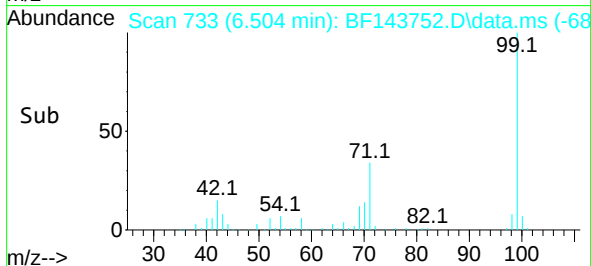


#7
Phenol-d6
Concen: 67.688 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

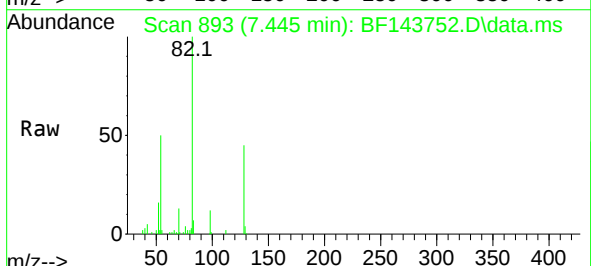
Instrument :
BNA_F
ClientSampleId :
PB169696BL



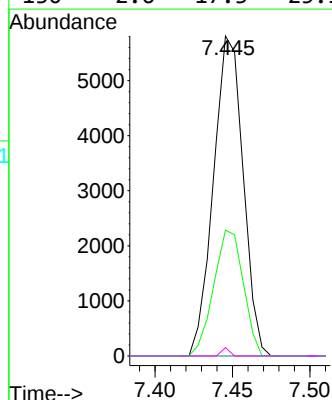
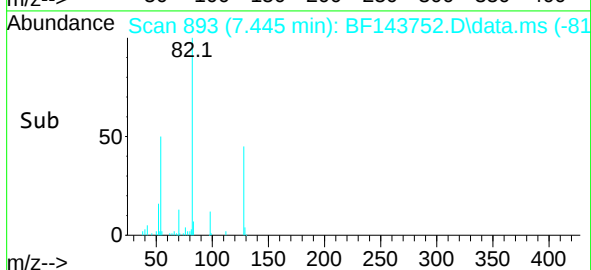
Tgt Ion: 99 Resp: 104902
Ion Ratio Lower Upper
99 100
42 15.0 13.0 19.4
71 34.0 27.4 41.2

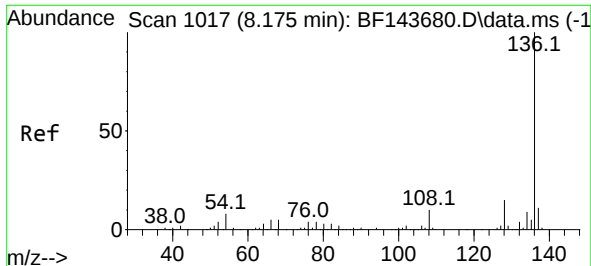


#19
n-Nitroso-di-n-propylamine
Concen: 8.120 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22



Tgt Ion: 70 Resp: 7729
Ion Ratio Lower Upper
70 100
42 39.3 41.4 62.2#
101 0.0 8.1 12.1#
130 2.6 17.3 25.9#





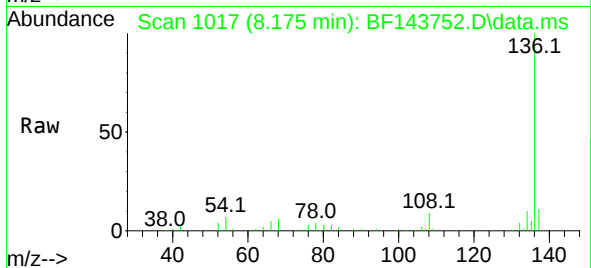
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

Instrument :

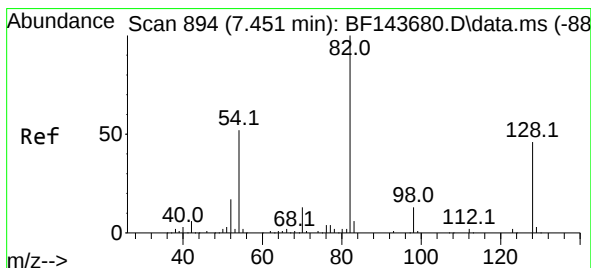
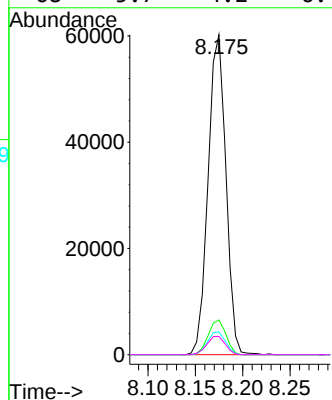
BNA_F

ClientSampleId :

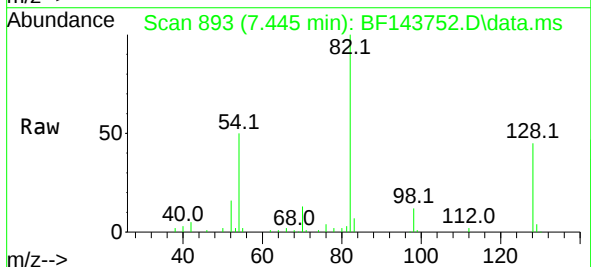
PB169696BL



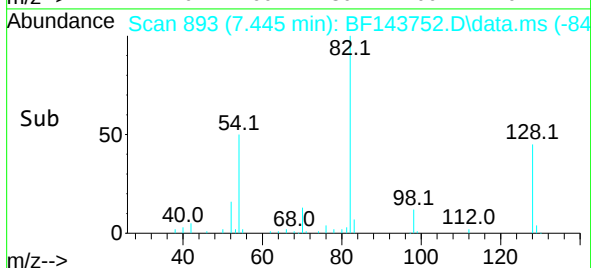
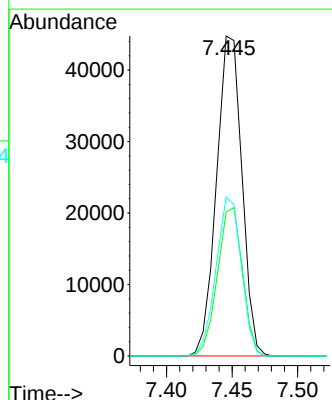
Tgt Ion:136	Resp:	78710
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	7.1	6.2 9.2
68	5.7	4.2 6.4

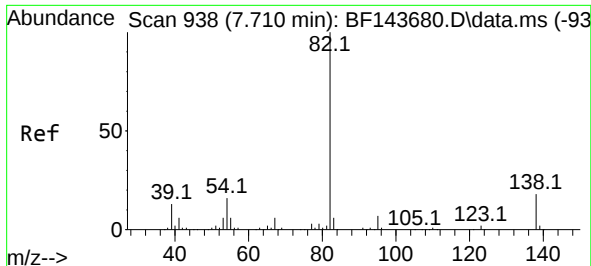


#23
Nitrobenzene-d5
Concen: 47.686 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22



Tgt Ion: 82	Resp:	60343
Ion Ratio	Lower	Upper
82	100	
128	45.0	37.0 55.4
54	49.6	41.8 62.8

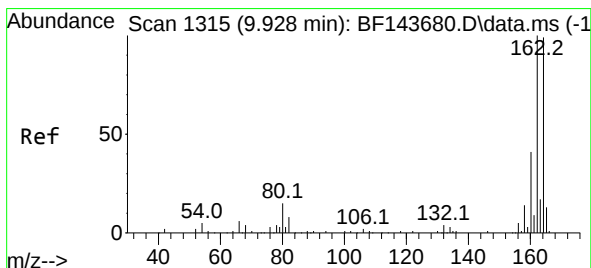
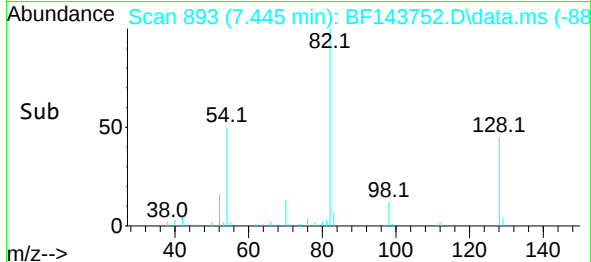
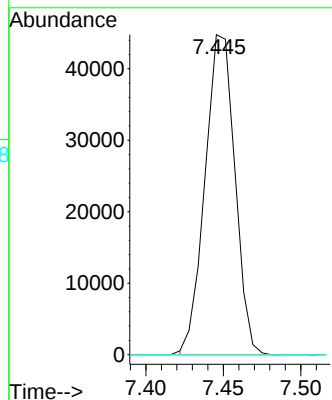
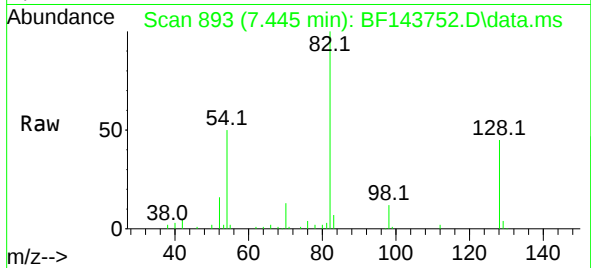




#25
Isophorone
Concen: 24.789 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

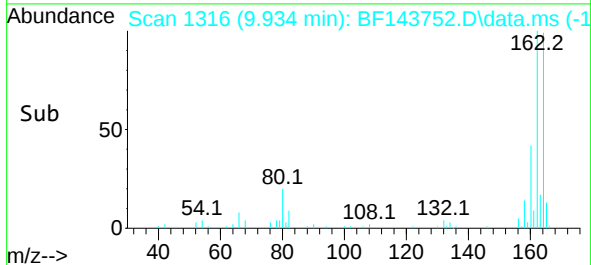
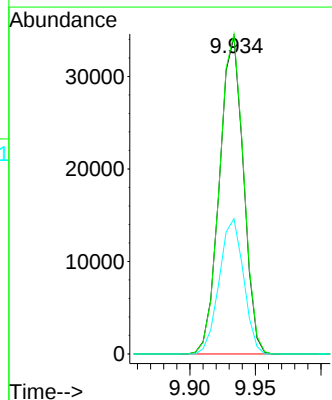
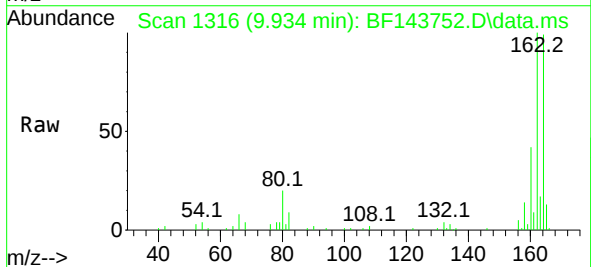
Instrument :
BNA_F
ClientSampleId :
PB169696BL

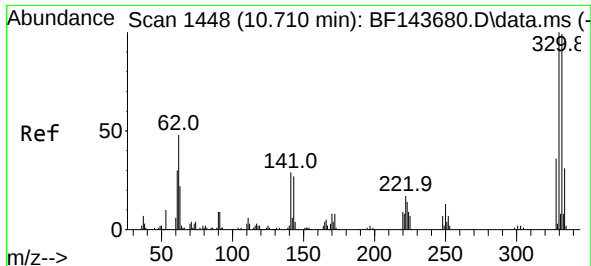
Tgt Ion: 82 Resp: 60151
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

Tgt Ion:164 Resp: 43568
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 42.6 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 66.042 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143752.D

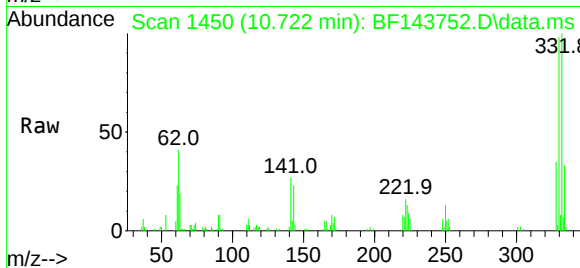
Acq: 15 Sep 2025 15:22

Instrument :

BNA_F

ClientSampleId :

PB169696BL



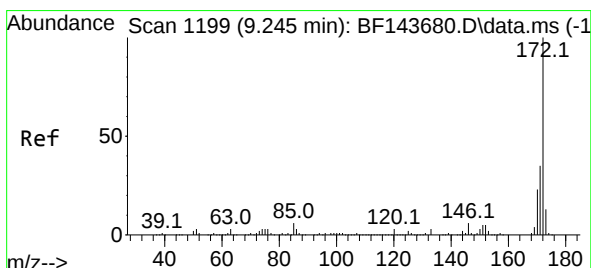
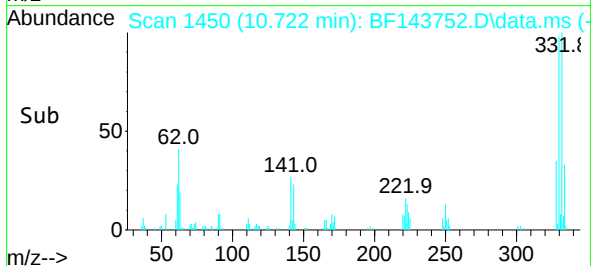
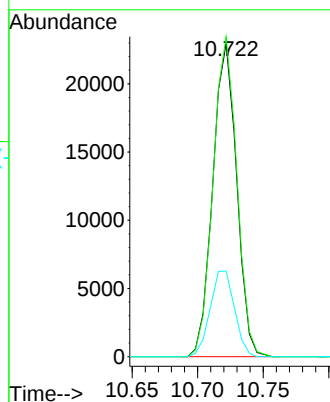
Tgt Ion:330 Resp: 28997

Ion Ratio Lower Upper

330 100

332 101.8 79.2 118.8

141 28.0 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 49.241 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

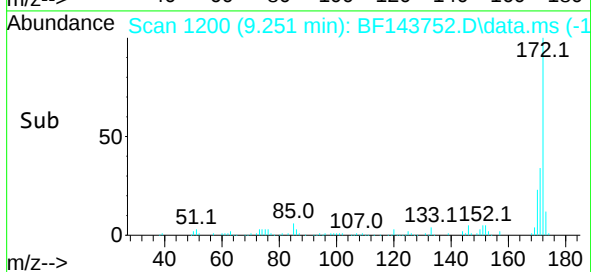
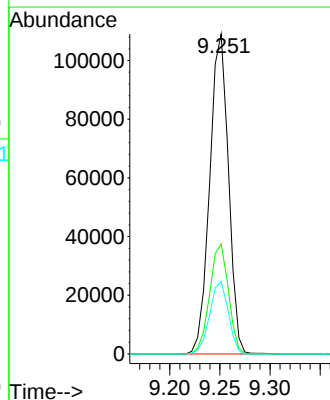
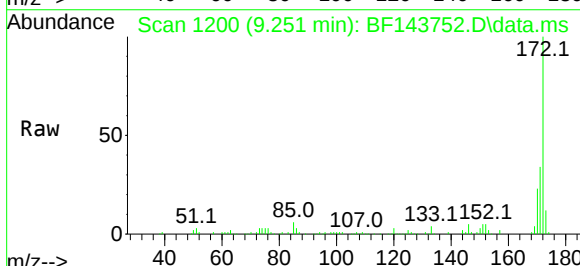
Tgt Ion:172 Resp: 142017

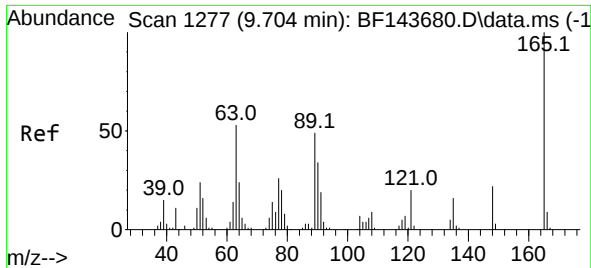
Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 22.6 18.6 27.8

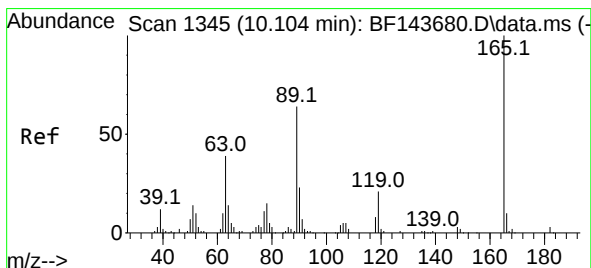
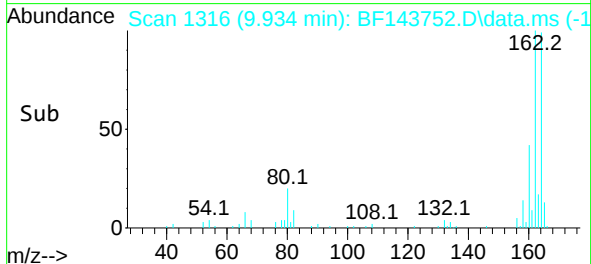
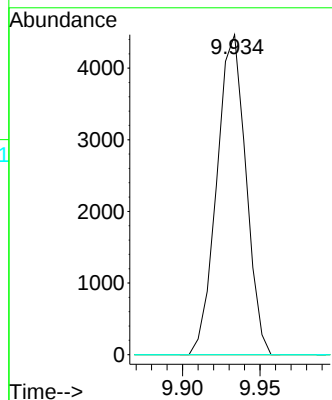
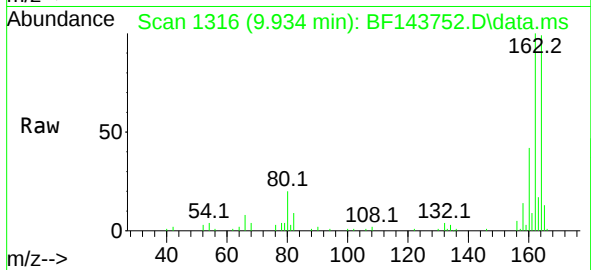




#51
2,6-Dinitrotoluene
Concen: 10.755 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.229 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

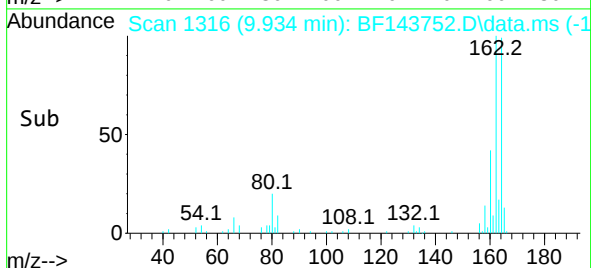
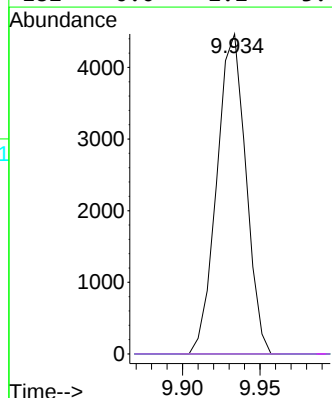
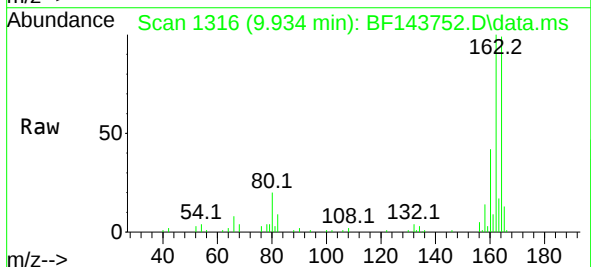
Instrument :
BNA_F
ClientSampleId :
PB169696BL

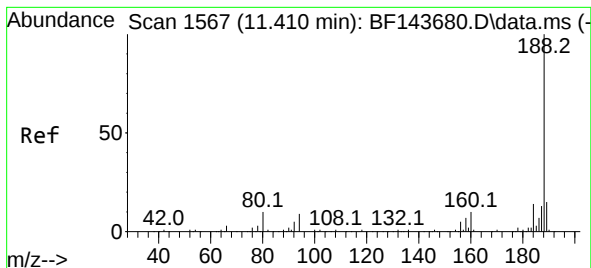
Tgt Ion:165 Resp: 5829
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 39.3 58.9#



#57
2,4-Dinitrotoluene
Concen: 7.902 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.171 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

Tgt Ion:165 Resp: 5829
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: 11.422 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

Instrument :

BNA_F

ClientSampleId :

PB169696BL

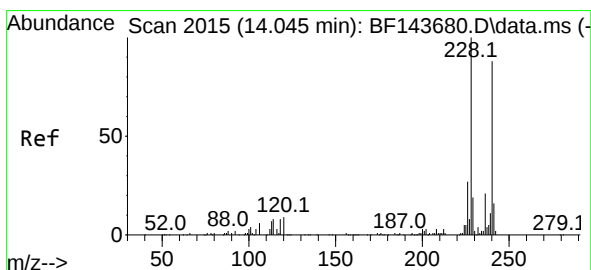
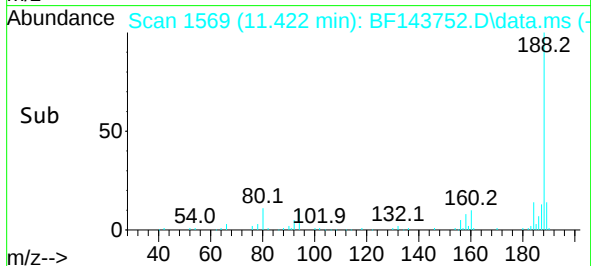
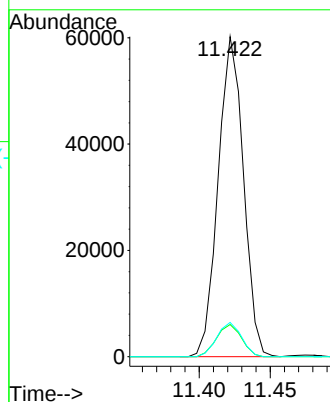
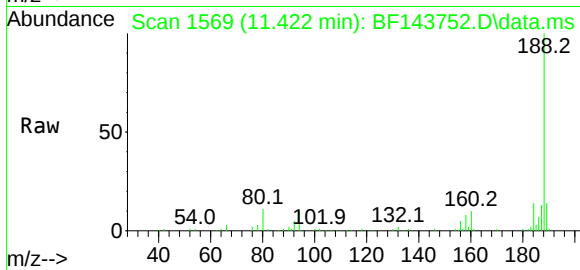
Tgt Ion:188 Resp: 74477

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.024 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

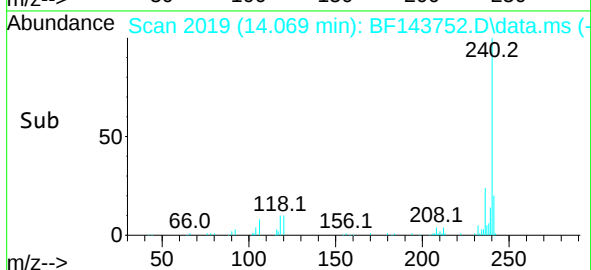
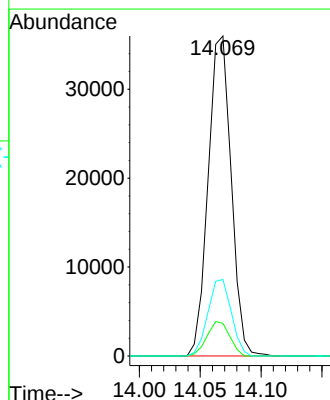
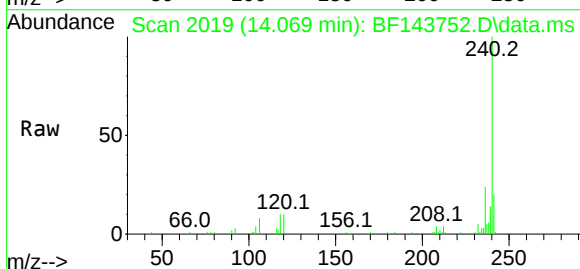
Tgt Ion:240 Resp: 47305

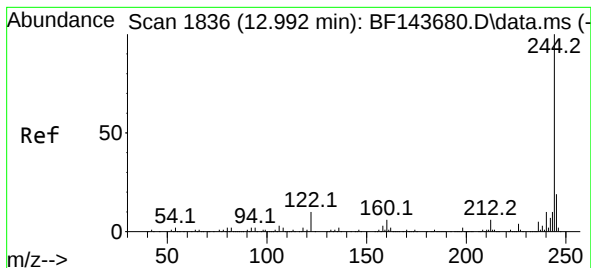
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 23.9 18.6 28.0





#79

Terphenyl-d14

Concen: 51.081 ng

RT: 13.010 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

Instrument :

BNA_F

ClientSampleId :

PB169696BL

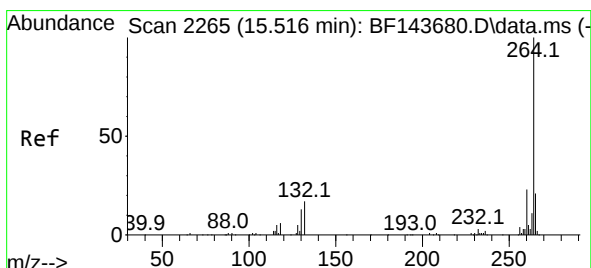
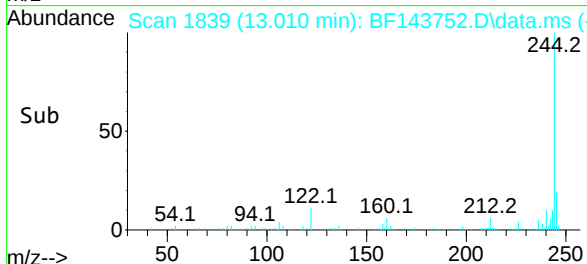
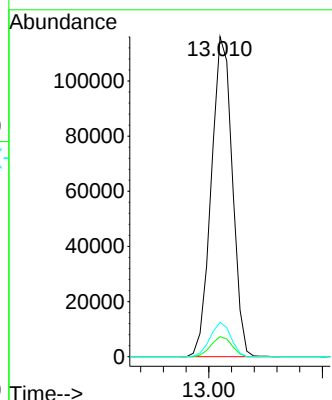
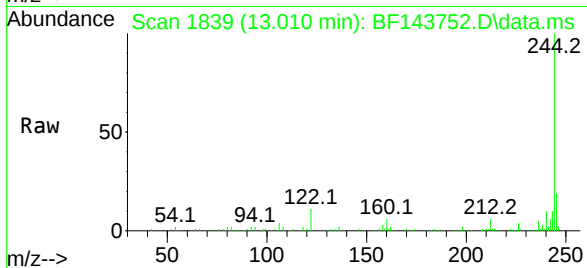
Tgt Ion:244 Resp: 149112

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 10.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.035 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

Tgt Ion:264 Resp: 35779

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 23.3 17.1 25.7

