

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143004.D
 Acq On : 07 Jul 2025 12:42
 Operator : RC/JU
 Sample : PB168722BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168722BL

Quant Time: Jul 07 13:10:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

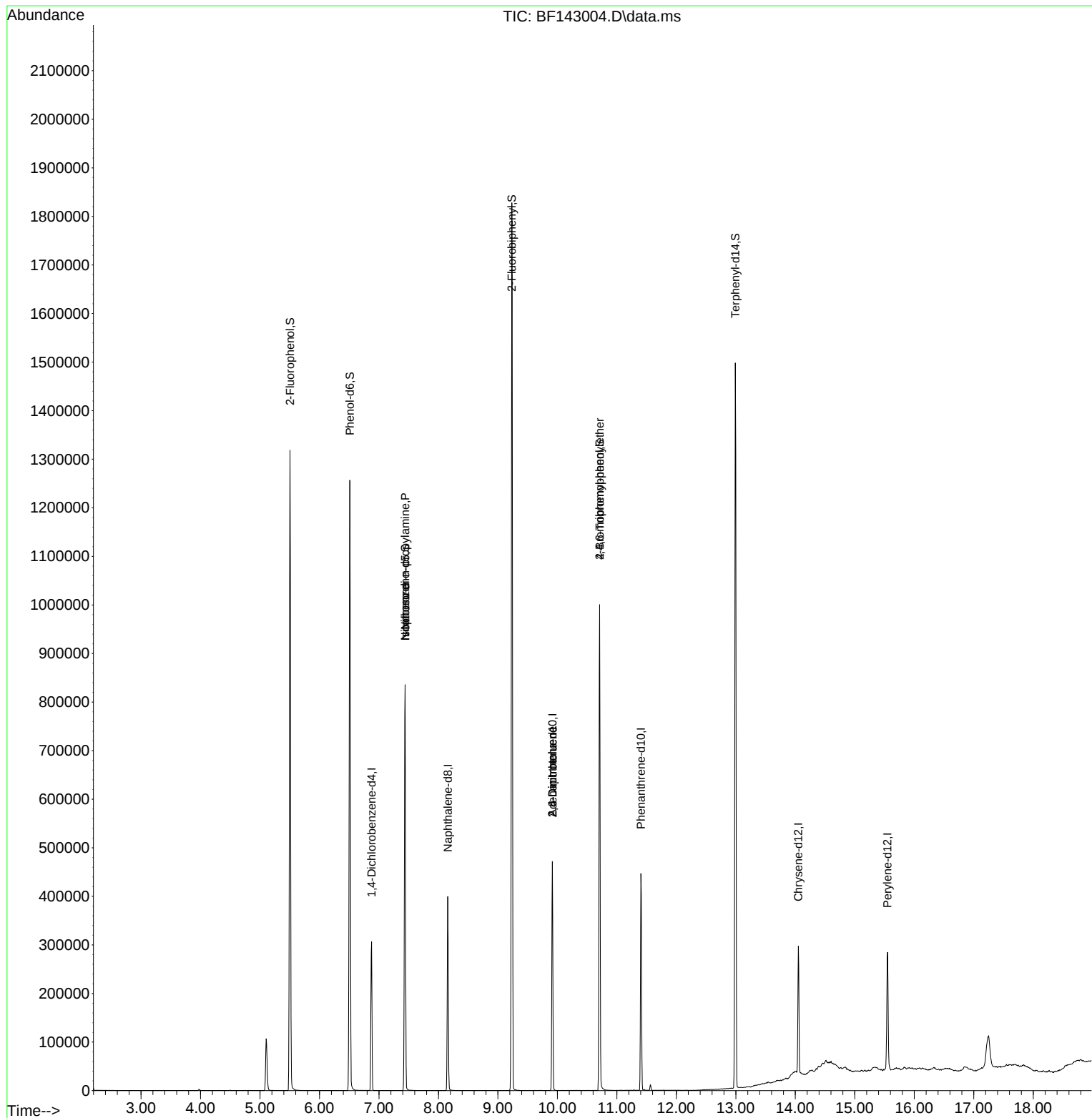
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69506	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264185	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	142352	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	239046	20.000	ng	0.00
76) Chrysene-d12	14.051	240	129583	20.000	ng	0.00
86) Perylene-d12	15.551	264	142512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	517823	124.038	ng	0.01
7) Phenol-d6	6.510	99	618901	125.656	ng	0.00
23) Nitrobenzene-d5	7.439	82	386568	80.260	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	181589	123.960	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	862673	79.610	ng	-0.01
79) Terphenyl-d14	12.992	244	731241	77.970	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	51027	17.813	ng	# 74
25) Isophorone	7.439	82	384459	49.760	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	17913	8.852	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	17913	6.664	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	11429	4.201	ng	# 1

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

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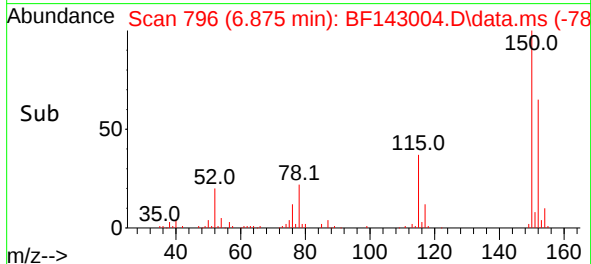
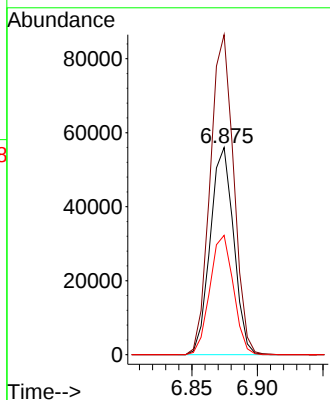
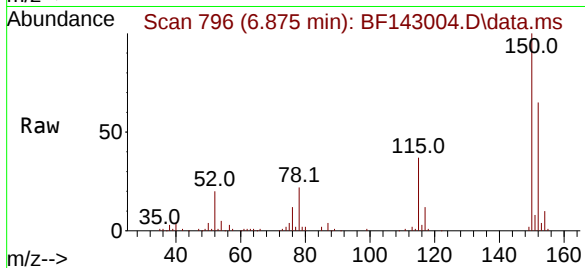




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF143004.D
 Acq: 07 Jul 2025 12:42

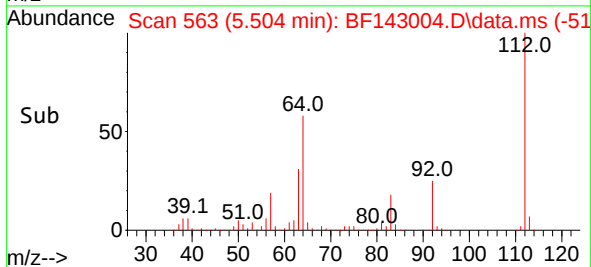
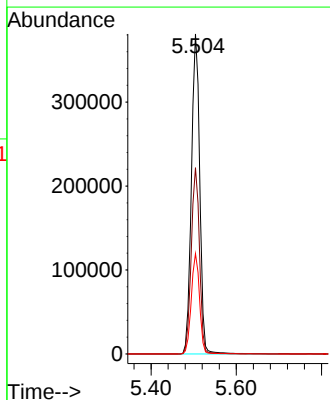
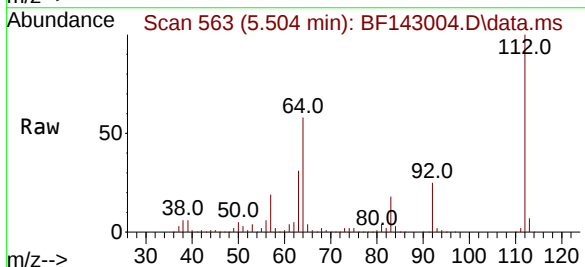
Instrument :
 BNA_F
 ClientSampleId :
 PB168722BL

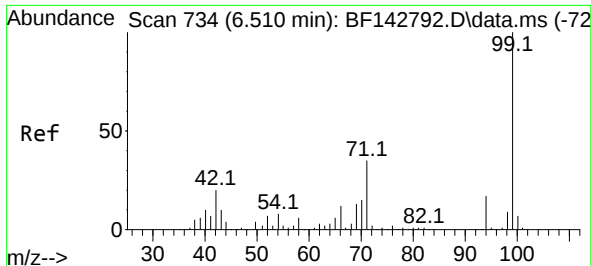
Tgt Ion:152 Resp: 69506
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.2 190.8
 115 57.7 46.6 69.8



#5
 2-Fluorophenol
 Concen: 124.038 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF143004.D
 Acq: 07 Jul 2025 12:42

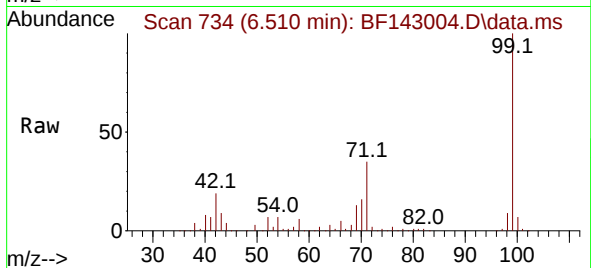
Tgt Ion:112 Resp: 517823
 Ion Ratio Lower Upper
 112 100
 64 58.2 48.2 72.2
 63 31.4 25.7 38.5



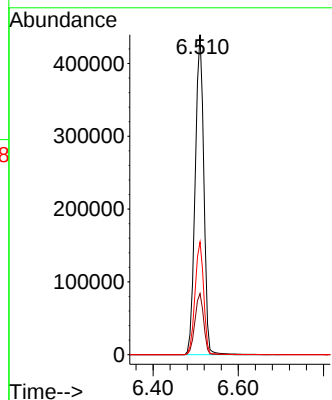
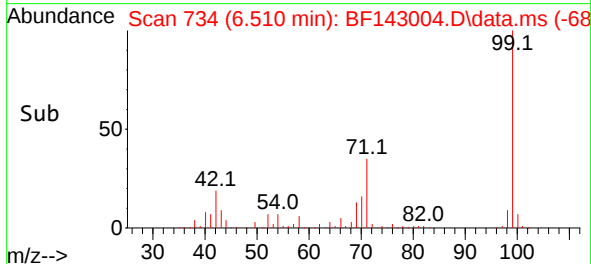


#7
Phenol-d6
Concen: 125.656 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

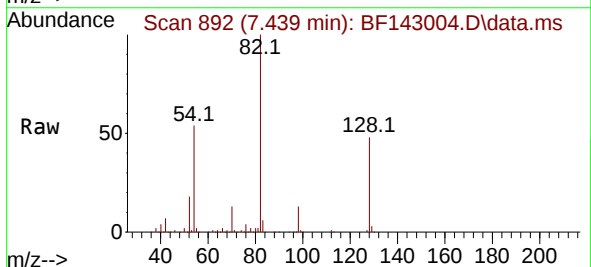
Instrument :
BNA_F
ClientSampleId :
PB168722BL



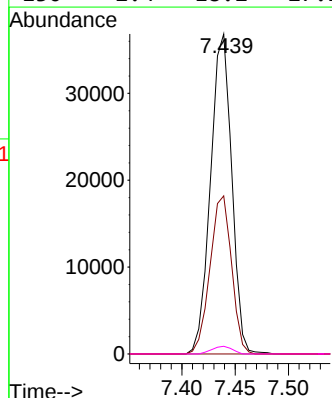
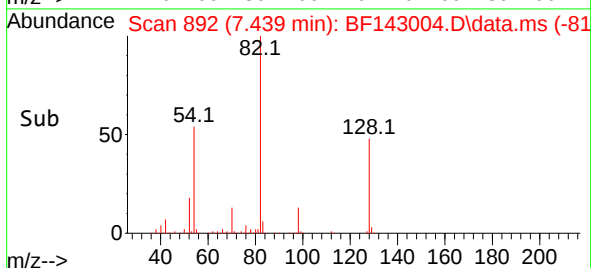
Tgt Ion: 99 Resp: 618901
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.2 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.813 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42



Tgt Ion: 70 Resp: 51027
Ion Ratio Lower Upper
70 100
42 49.4 52.1 78.1#
101 0.0 8.2 12.2#
130 2.4 18.2 27.2#

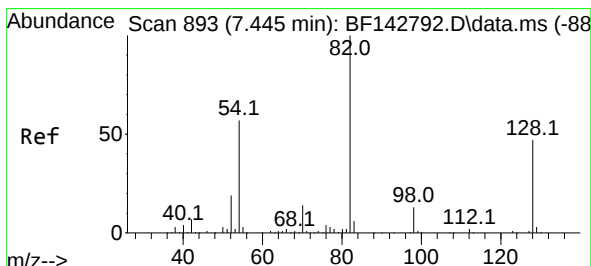
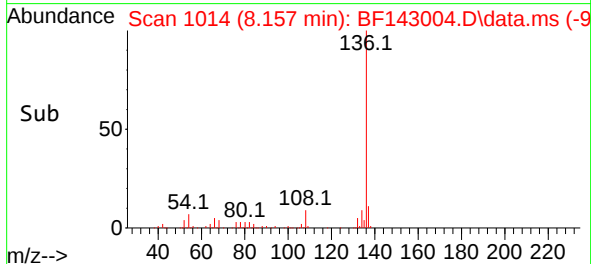
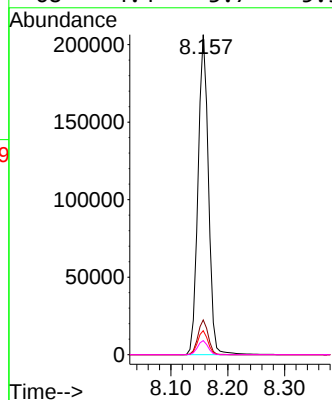
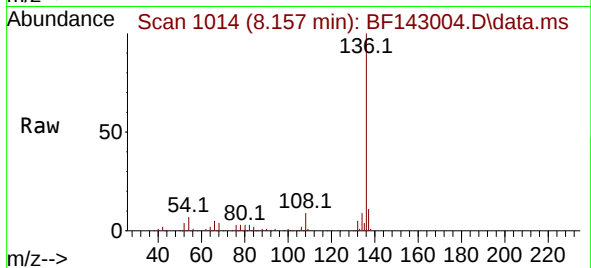




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

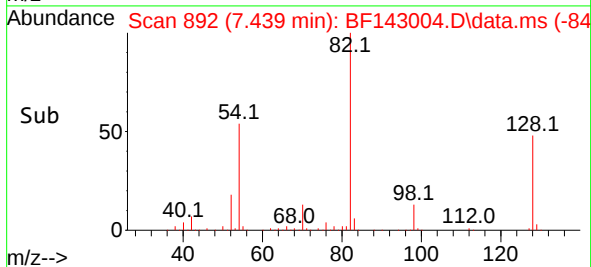
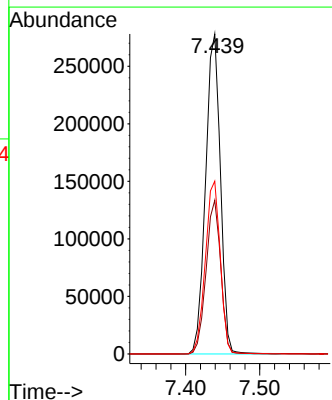
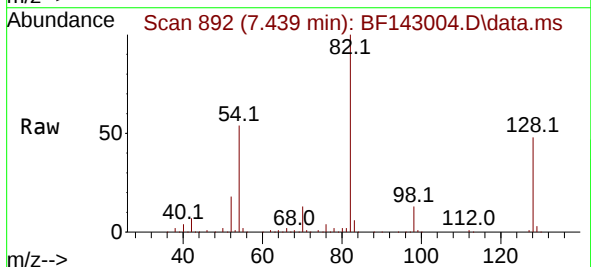
Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion:	136	Resp:	264185
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.5	6.3	9.5
68	4.4	3.7	5.5



#23
Nitrobenzene-d5
Concen: 80.260 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:	82	Resp:	386568
Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	54.0	45.7	68.5

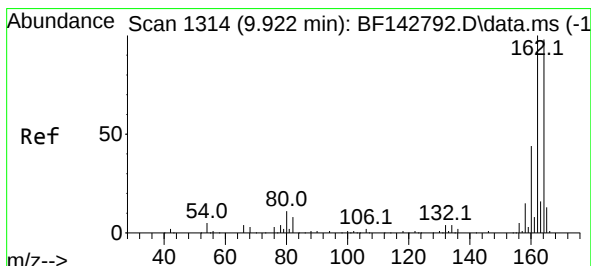
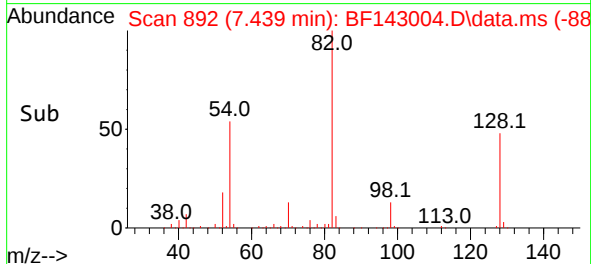
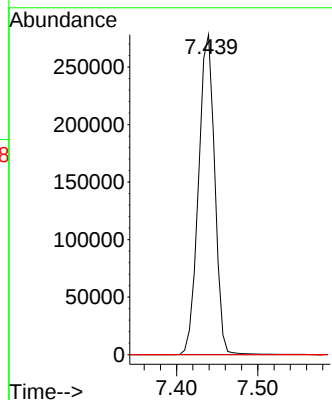
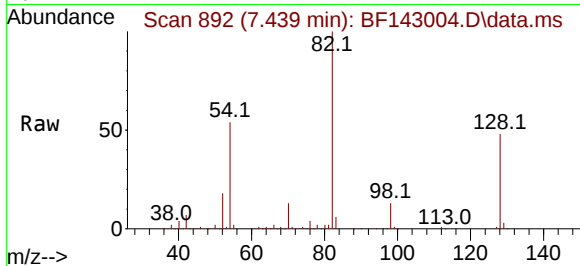




#25
Isophorone
Concen: 49.760 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

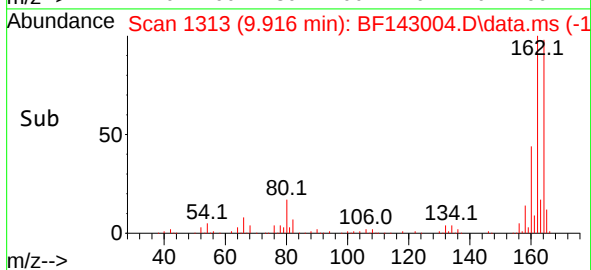
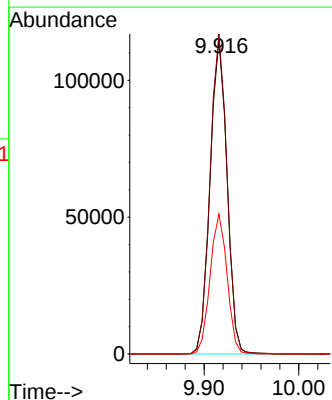
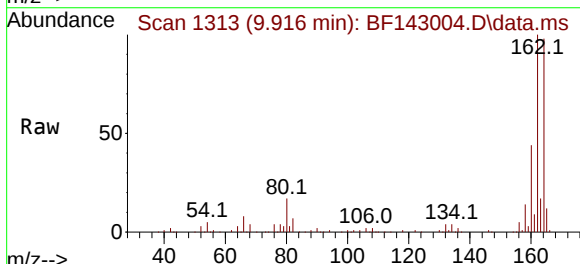
Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion: 82 Resp: 384459
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

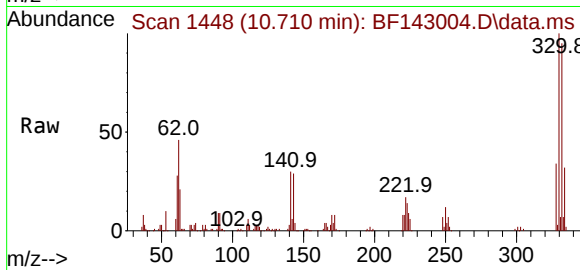
Tgt Ion:164 Resp: 142352
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.8
160 44.5 36.0 54.0



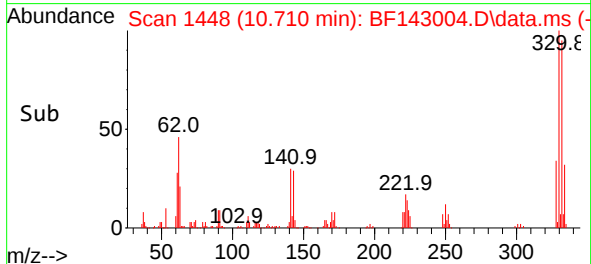
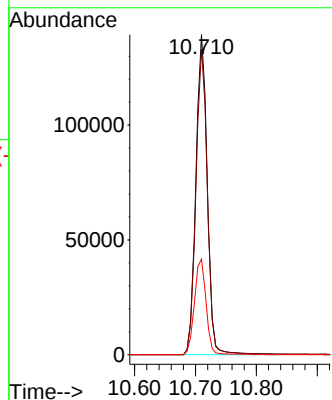


#42
2,4,6-Tribromophenol
Concen: 123.960 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

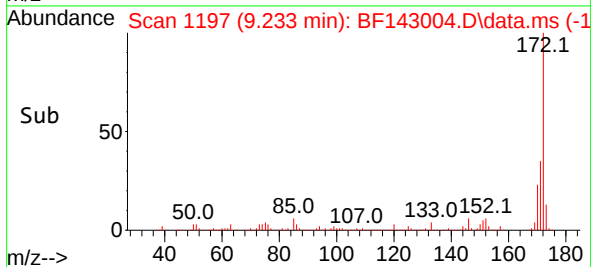
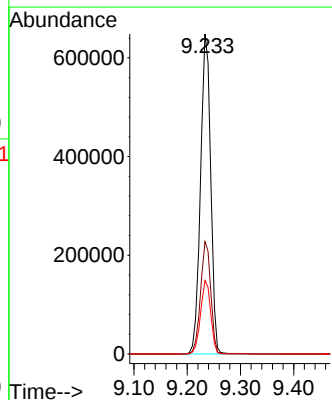
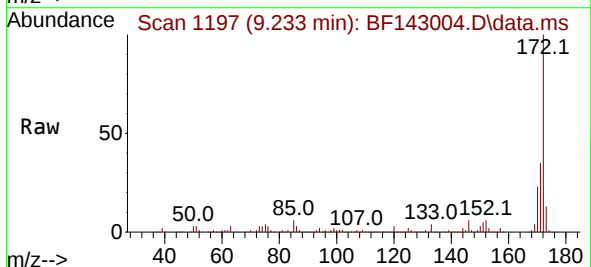


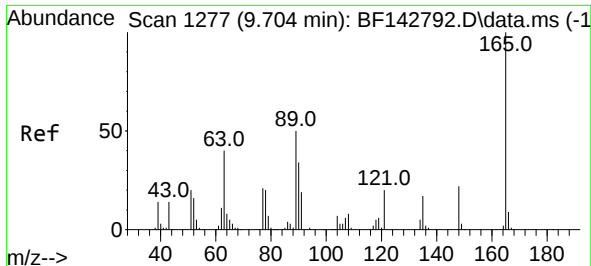
Tgt Ion:330 Resp: 181589
Ion Ratio Lower Upper
330 100
332 95.8 75.0 112.6
141 30.5 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.610 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:172 Resp: 862673
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.9 18.5 27.7

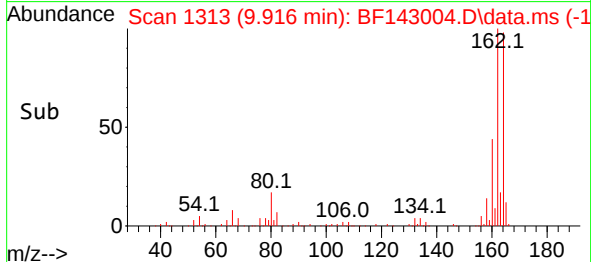
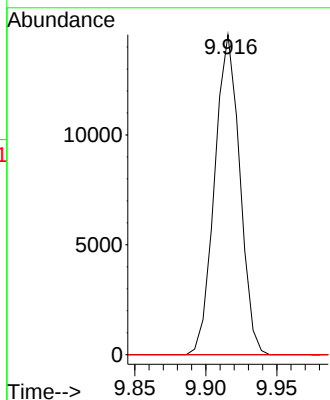
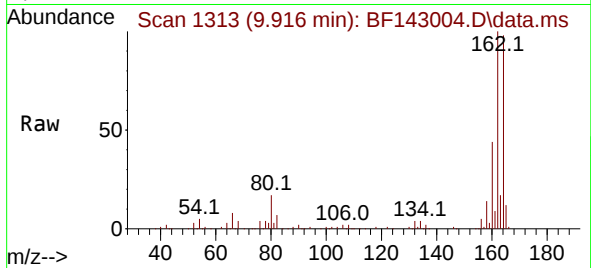




#51
2,6-Dinitrotoluene
Concen: 8.852 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

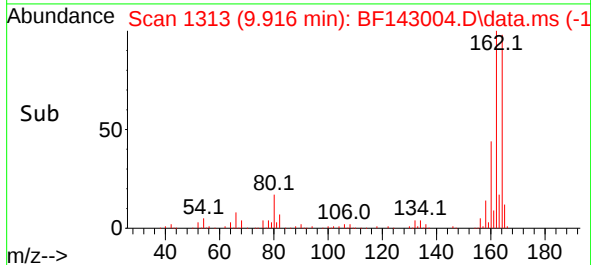
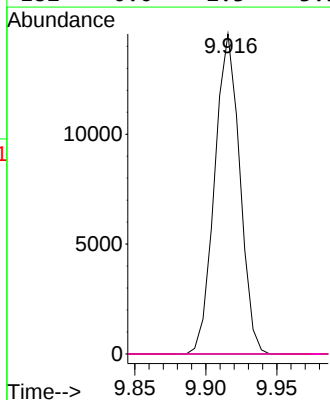
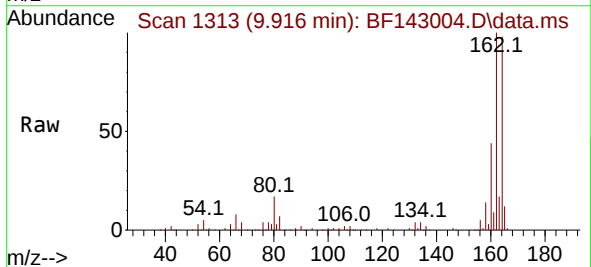
Instrument :
BNA_F
ClientSampleId :
PB168722BL

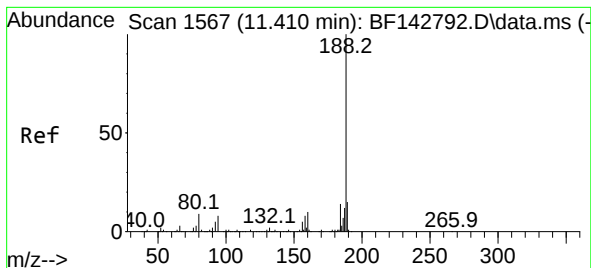
Tgt Ion:165 Resp: 17913
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.664 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:165 Resp: 17913
Ion Ratio Lower Upper
165 100
63 0.0 33.9 50.9#
89 0.0 50.6 75.8#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143004.D

Acq: 07 Jul 2025 12:42

Instrument :

BNA_F

ClientSampleId :

PB168722BL

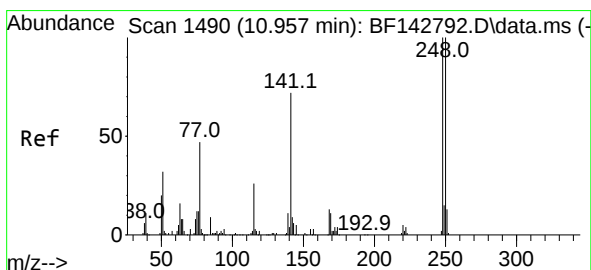
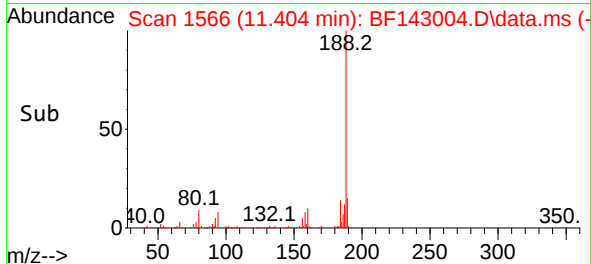
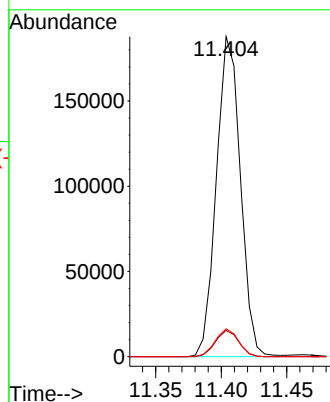
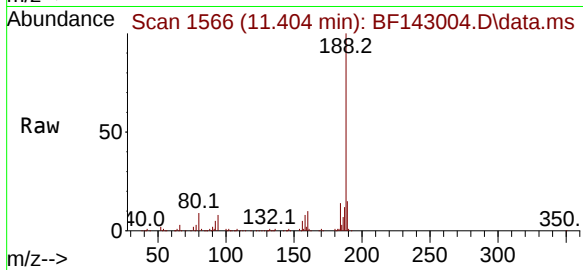
Tgt Ion:188 Resp: 239046

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.7 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.201 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF143004.D

Acq: 07 Jul 2025 12:42

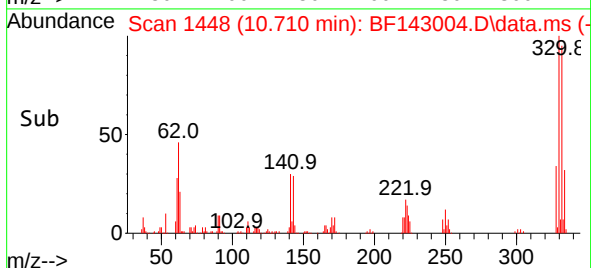
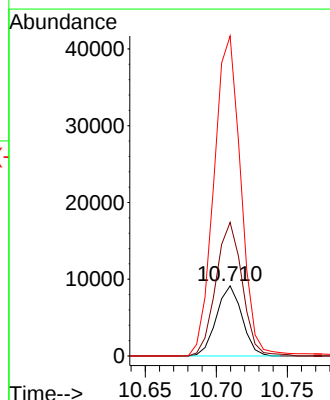
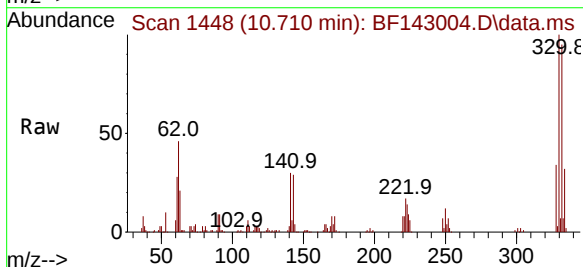
Tgt Ion:248 Resp: 11429

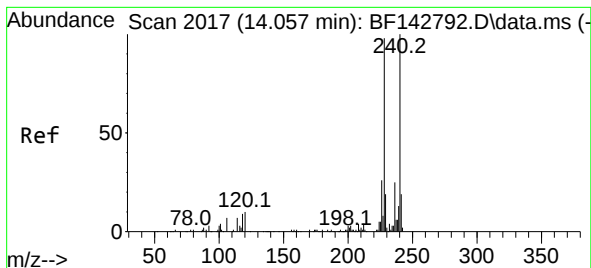
Ion Ratio Lower Upper

248 100

250 190.7 79.8 119.8#

141 456.6 57.8 86.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143004.D

Acq: 07 Jul 2025 12:42

Instrument :

BNA_F

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PB168722BL

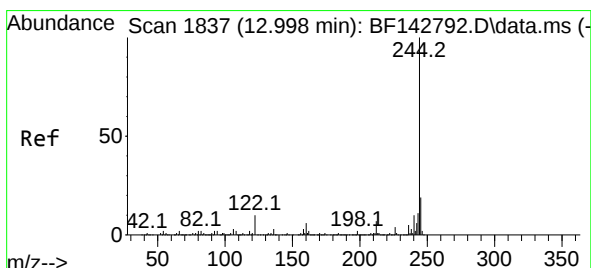
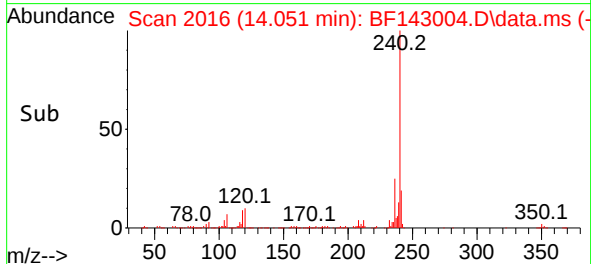
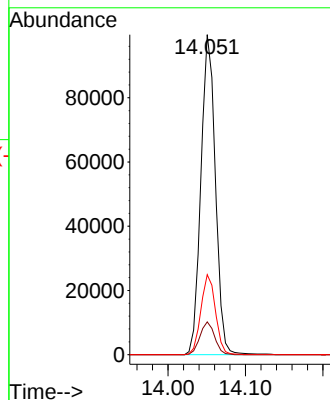
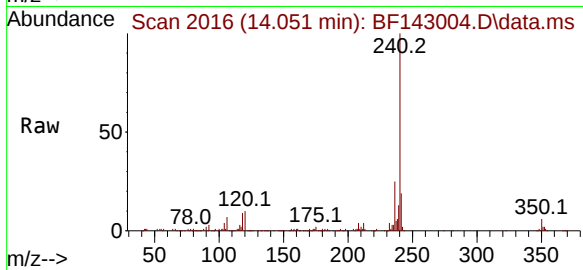
Tgt Ion:240 Resp: 129583

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 77.970 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF143004.D

Acq: 07 Jul 2025 12:42

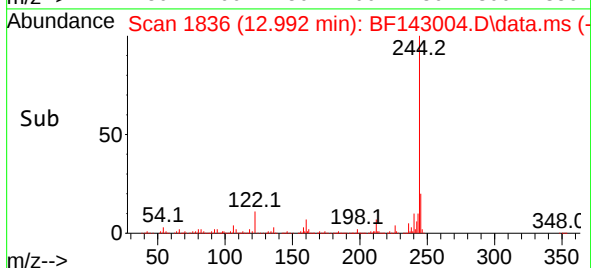
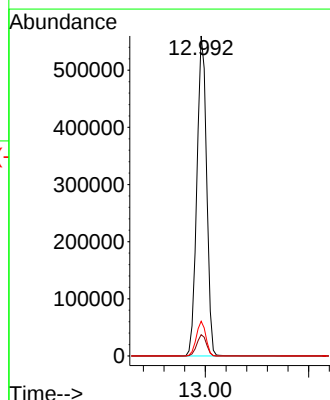
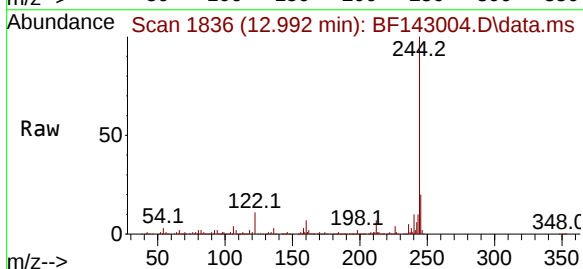
Tgt Ion:244 Resp: 731241

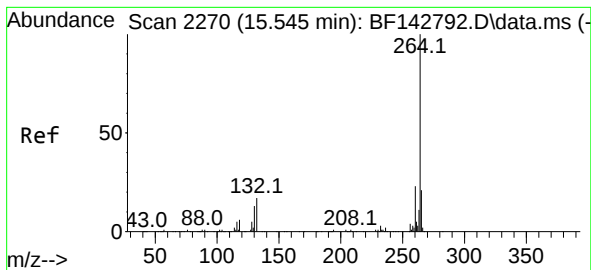
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.9 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion:264 Resp: 142512
Ion Ratio Lower Upper
264 100
260 23.2 18.1 27.1
265 21.1 16.6 25.0

