

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142950.D
 Acq On : 01 Jul 2025 15:21
 Operator : RC/JU
 Sample : PB168657BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168657BL

Quant Time: Jul 01 15:47:15 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)

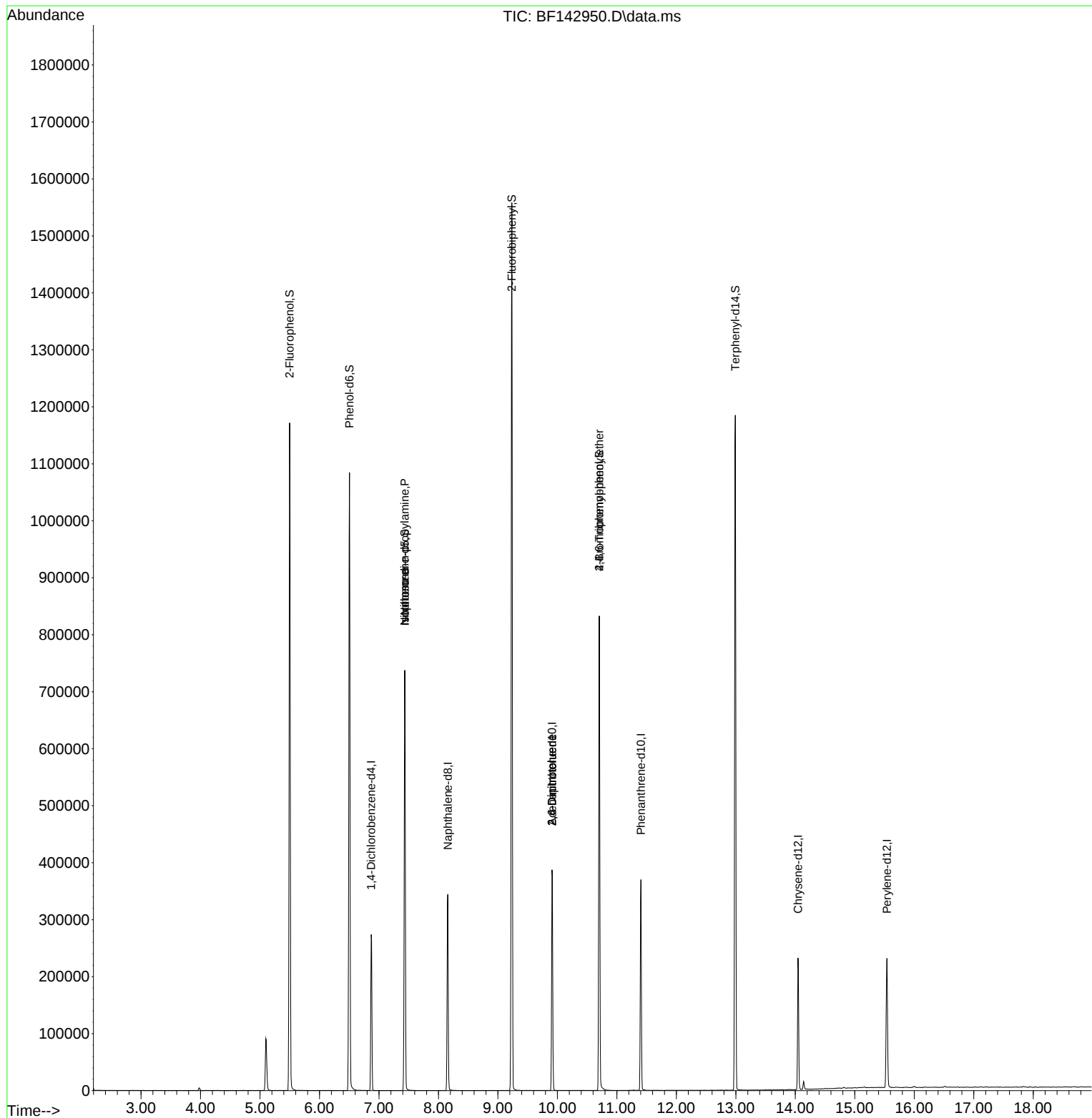
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61522	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	235429	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	122843	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	198254	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118856	20.000	ng	-0.01
86) Perylene-d12	15.539	264	137274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	453878	122.830	ng	0.00
7) Phenol-d6	6.504	99	530382	121.659	ng	0.00
23) Nitrobenzene-d5	7.433	82	331573	77.251	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	146520	115.905	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	728837	77.941	ng	-0.01
79) Terphenyl-d14	12.992	244	592879	68.922	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	43618	17.203	ng	# 75
25) Isophorone	7.433	82	329388	47.839	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	15820	9.059	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	15820	6.820	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	9127	4.045	ng	# 1

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

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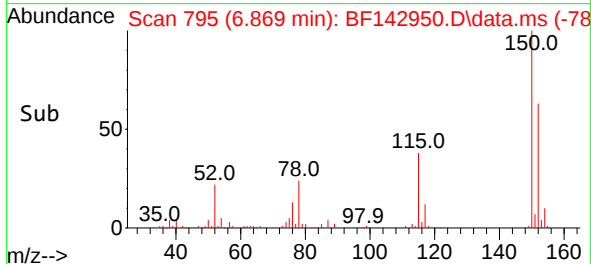
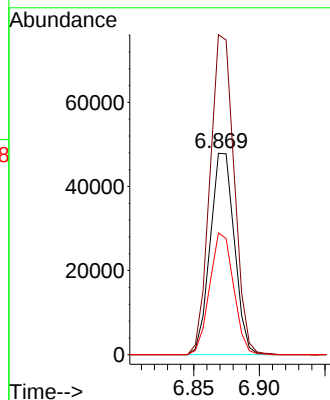
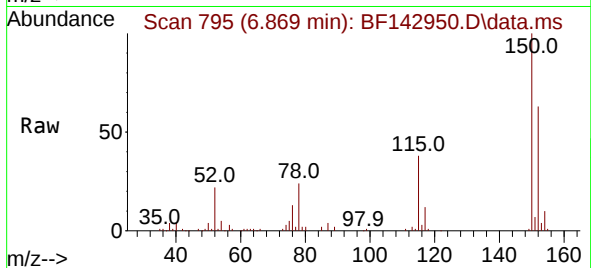




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 797
 Delta R.T. -0.012 min
 Lab File: BF142950.D
 Acq: 01 Jul 2025 15:21

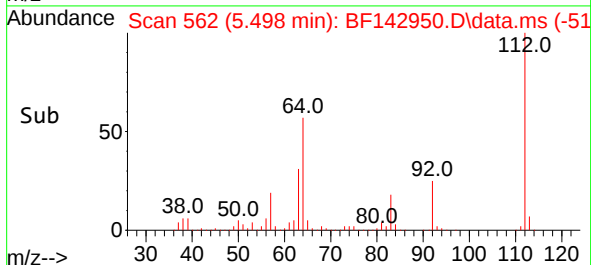
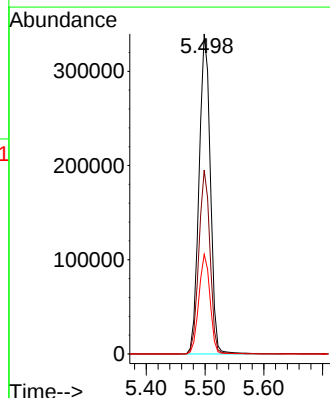
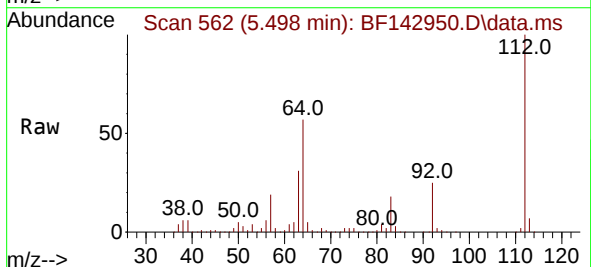
Instrument :
 BNA_F
 ClientSampleId :
 PB168657BL

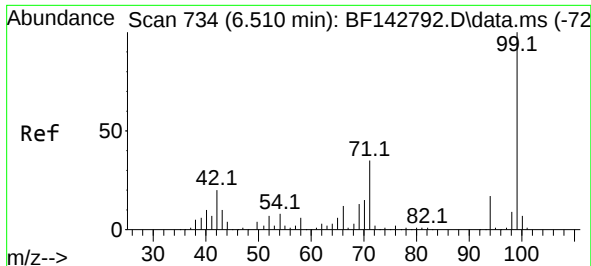
Tgt Ion:152 Resp: 61522
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.2 190.8
 115 60.4 46.6 69.8



#5
 2-Fluorophenol
 Concen: 122.830 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF142950.D
 Acq: 01 Jul 2025 15:21

Tgt Ion:112 Resp: 453878
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.2 72.2
 63 31.2 25.7 38.5

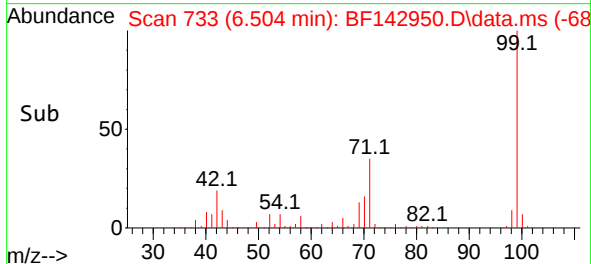
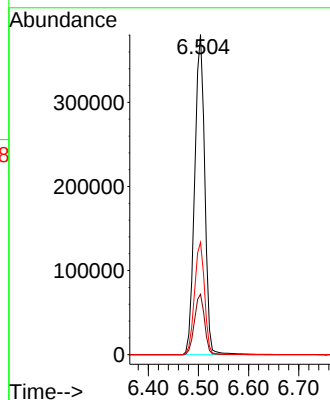
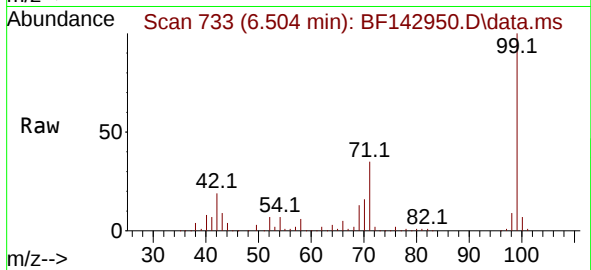




#7
Phenol-d6
Concen: 121.659 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

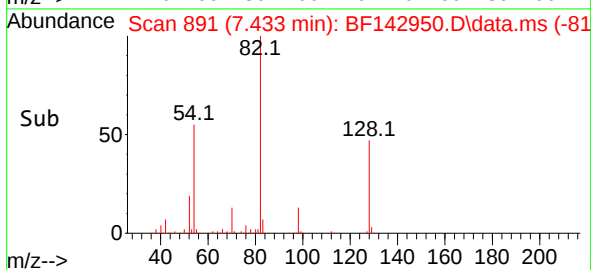
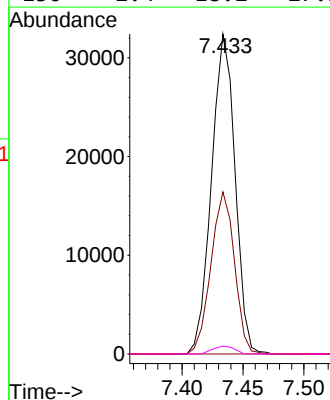
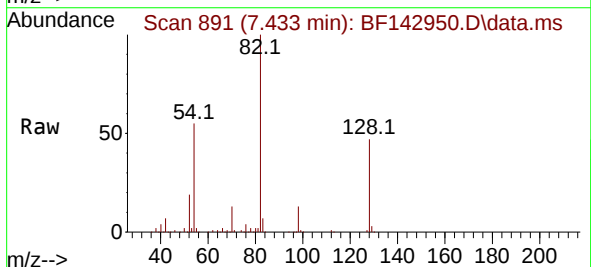
Instrument :
BNA_F
ClientSampleId :
PB168657BL

Tgt Ion: 99 Resp: 530382
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 35.1 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.203 ng
RT: 7.433 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

Tgt Ion: 70 Resp: 43618
Ion Ratio Lower Upper
70 100
42 50.7 52.1 78.1#
101 0.0 8.2 12.2#
130 2.4 18.2 27.2#

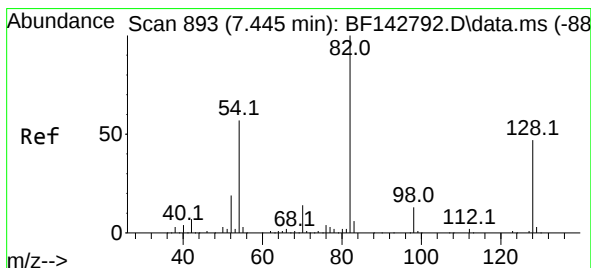
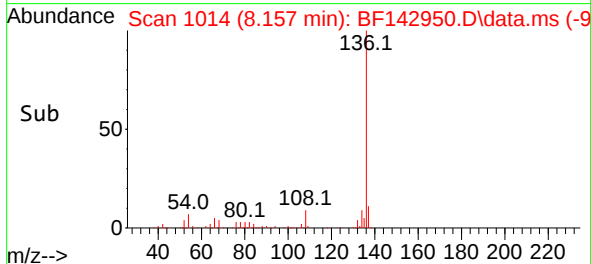
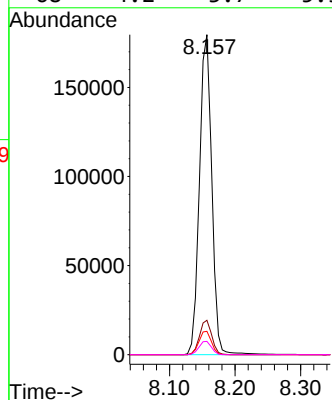
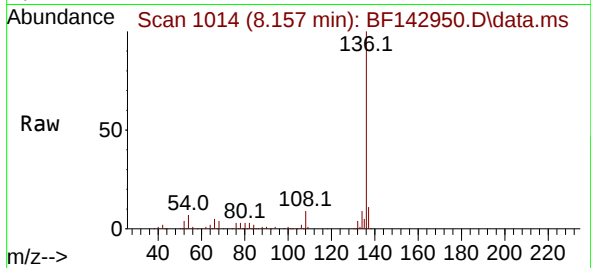




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

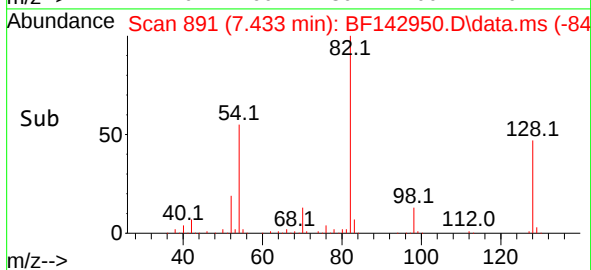
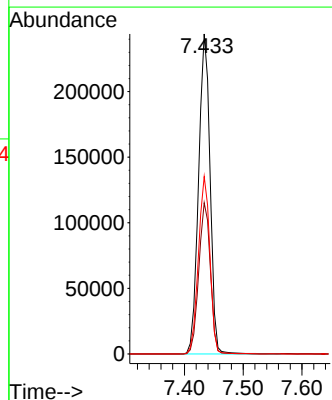
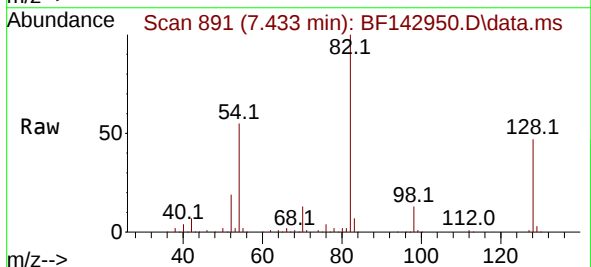
Instrument :
BNA_F
ClientSampleId :
PB168657BL

Tgt Ion:136 Resp: 235429
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.3 6.3 9.5
68 4.2 3.7 5.5



#23
Nitrobenzene-d5
Concen: 77.251 ng
RT: 7.433 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

Tgt Ion: 82 Resp: 331573
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 55.4 45.7 68.5

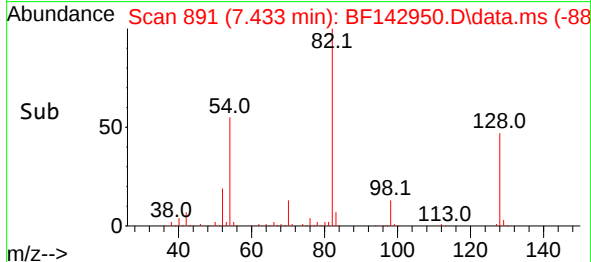
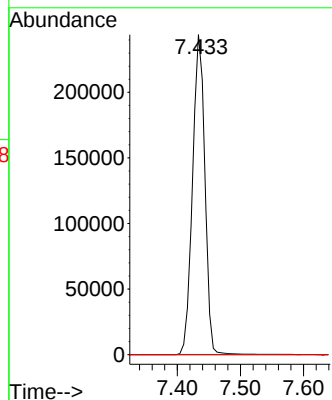
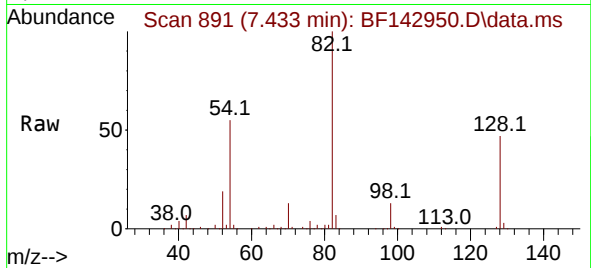




#25
Isophorone
Concen: 47.839 ng
RT: 7.433 min Scan# 891
Delta R.T. -0.271 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

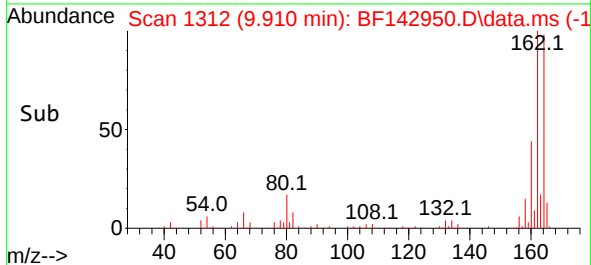
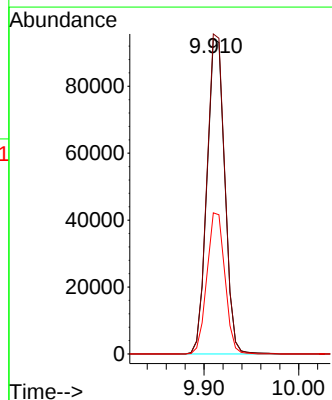
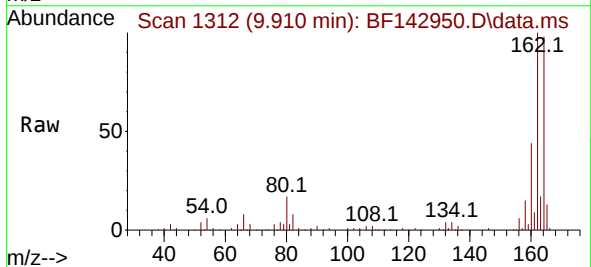
Instrument :
BNA_F
ClientSampleId :
PB168657BL

Tgt Ion: 82 Resp: 329388
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: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

Tgt Ion:164 Resp: 122843
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.8
160 44.8 36.0 54.0

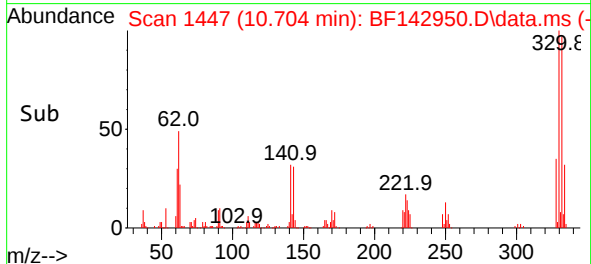
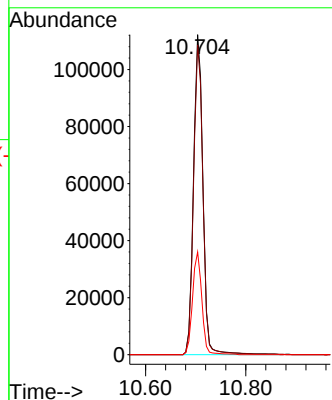
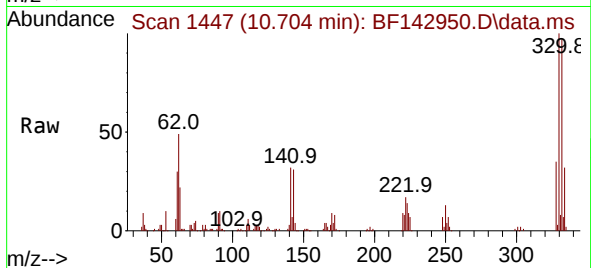




#42
2,4,6-Tribromophenol
Concen: 115.905 ng
RT: 10.704 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

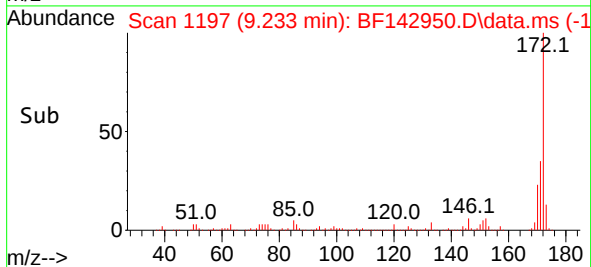
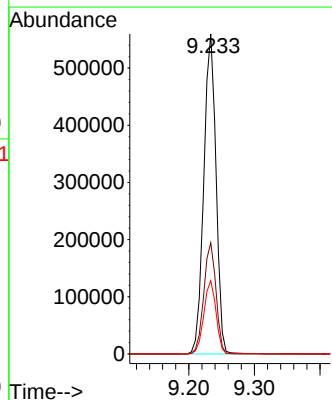
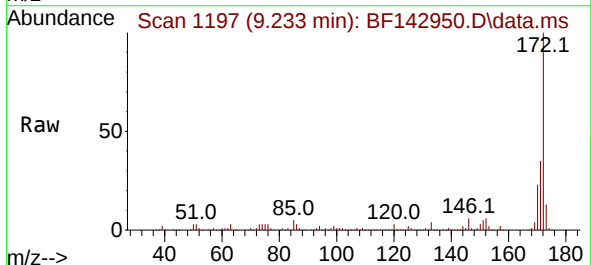
Instrument :
BNA_F
ClientSampleId :
PB168657BL

Tgt Ion:330 Resp: 146520
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.6
141 31.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 77.941 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

Tgt Ion:172 Resp: 728837
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.9 18.5 27.7

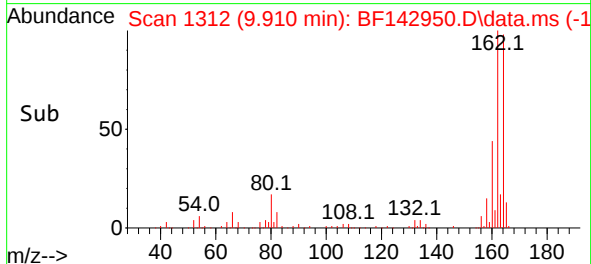
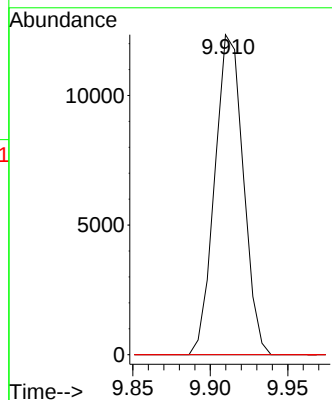
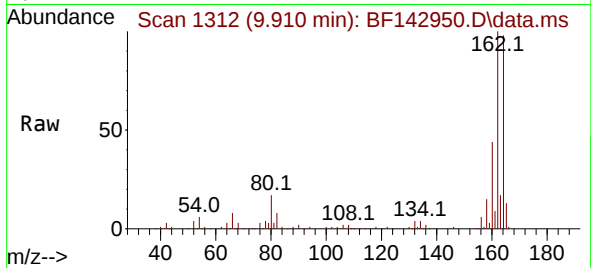




#51
2,6-Dinitrotoluene
Concen: 9.059 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

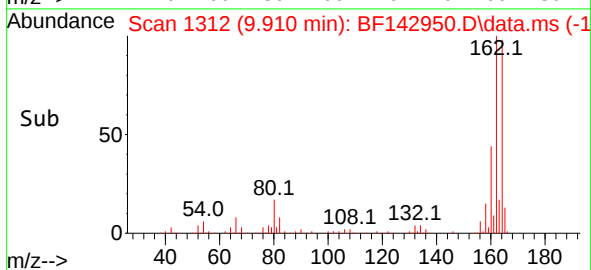
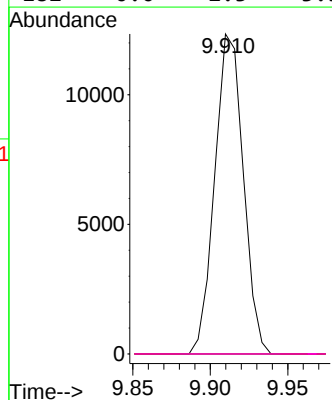
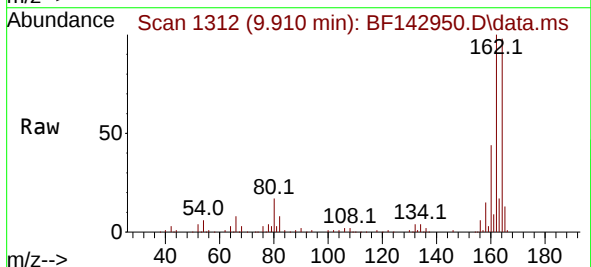
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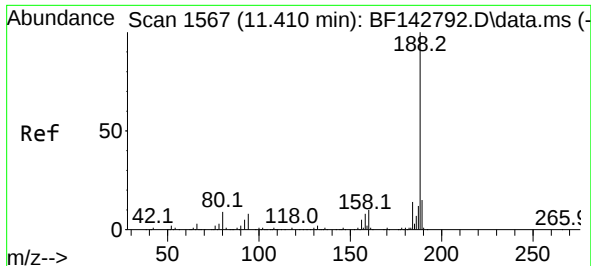
Tgt Ion:165 Resp: 15820
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.820 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

Tgt Ion:165 Resp: 15820
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#

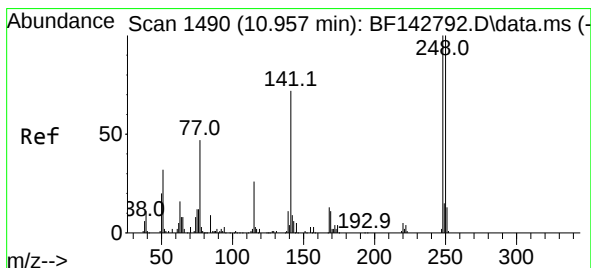
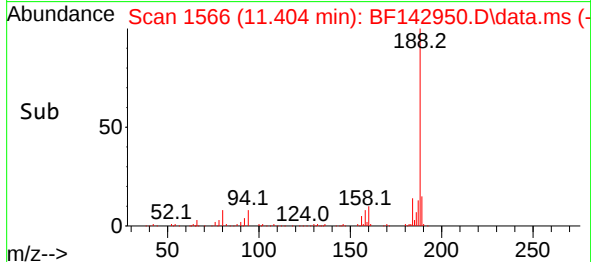
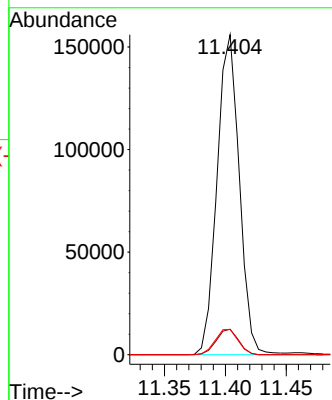
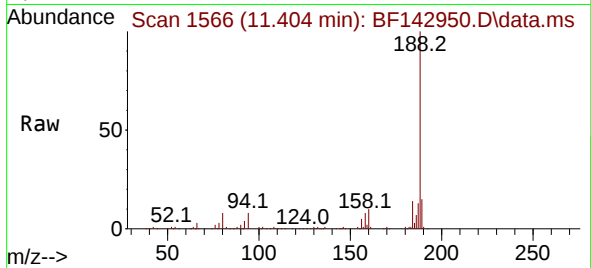




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

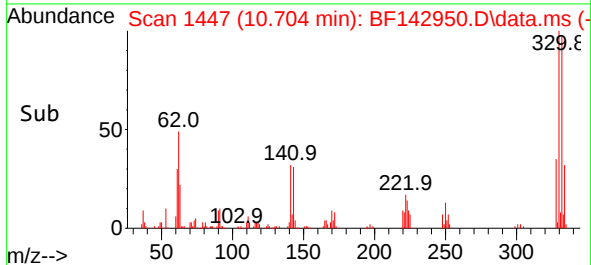
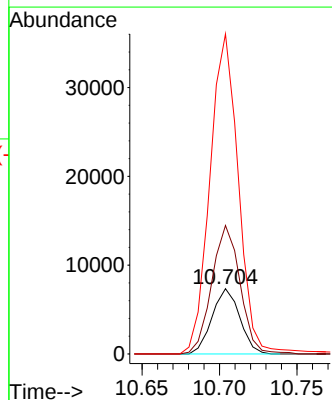
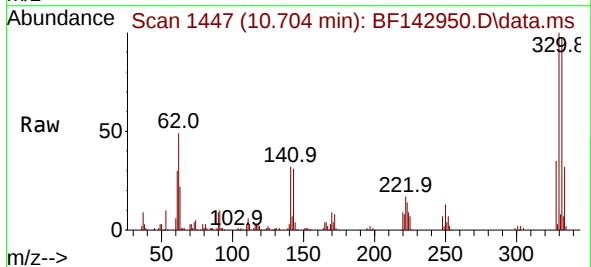
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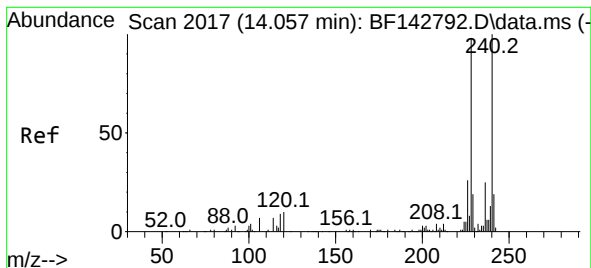
Tgt Ion:188 Resp: 198254
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 7.9 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.045 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.253 min
Lab File: BF142950.D
Acq: 01 Jul 2025 15:21

Tgt Ion:248 Resp: 9127
Ion Ratio Lower Upper
248 100
250 196.9 79.8 119.8#
141 490.3 57.8 86.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF142950.D

Acq: 01 Jul 2025 15:21

Instrument :

BNA_F

ClientSampleId :

PB168657BL

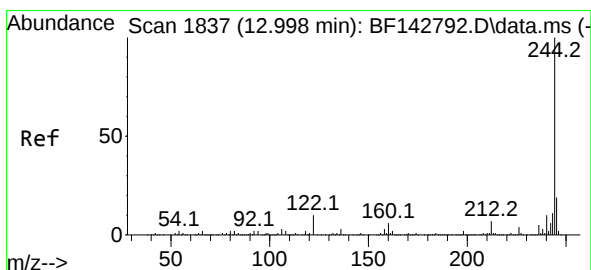
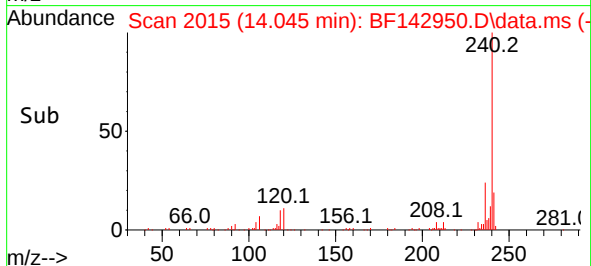
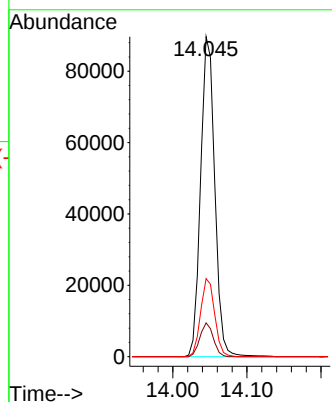
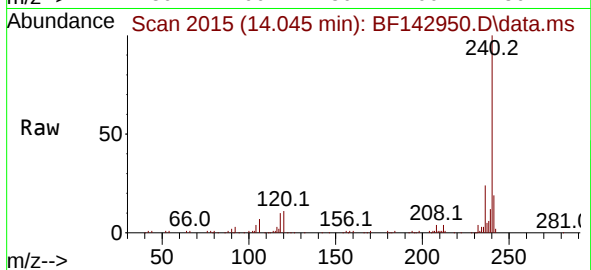
Tgt Ion:240 Resp: 118856

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

236 24.4 19.8 29.8



#79

Terphenyl-d14

Concen: 68.922 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142950.D

Acq: 01 Jul 2025 15:21

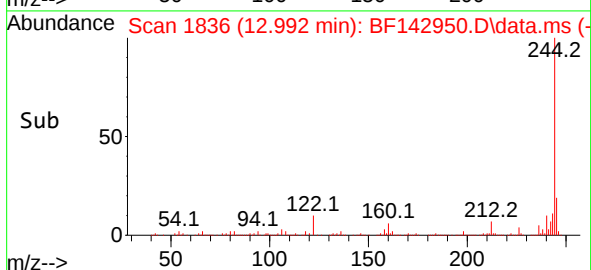
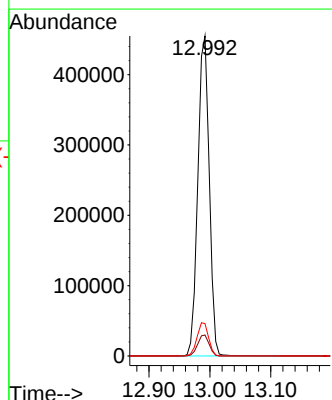
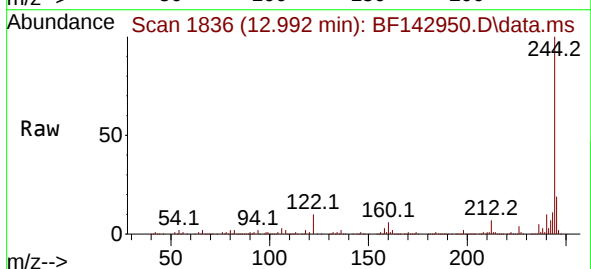
Tgt Ion:244 Resp: 592879

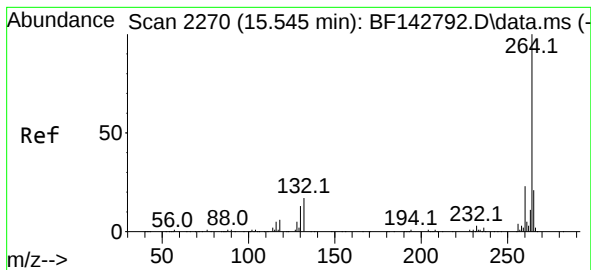
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

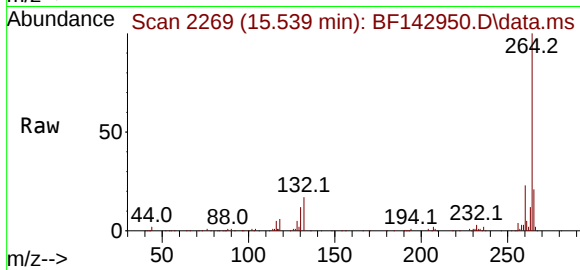
122 10.1 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142950.D
 Acq: 01 Jul 2025 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB168657BL



Tgt Ion:264 Resp: 137274
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.4 16.6 25.0

