

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142926.D
 Acq On : 30 Jun 2025 20:45
 Operator : RC/JU
 Sample : Q2442-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 500-3B

Quant Time: Jul 01 01:24:54 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)

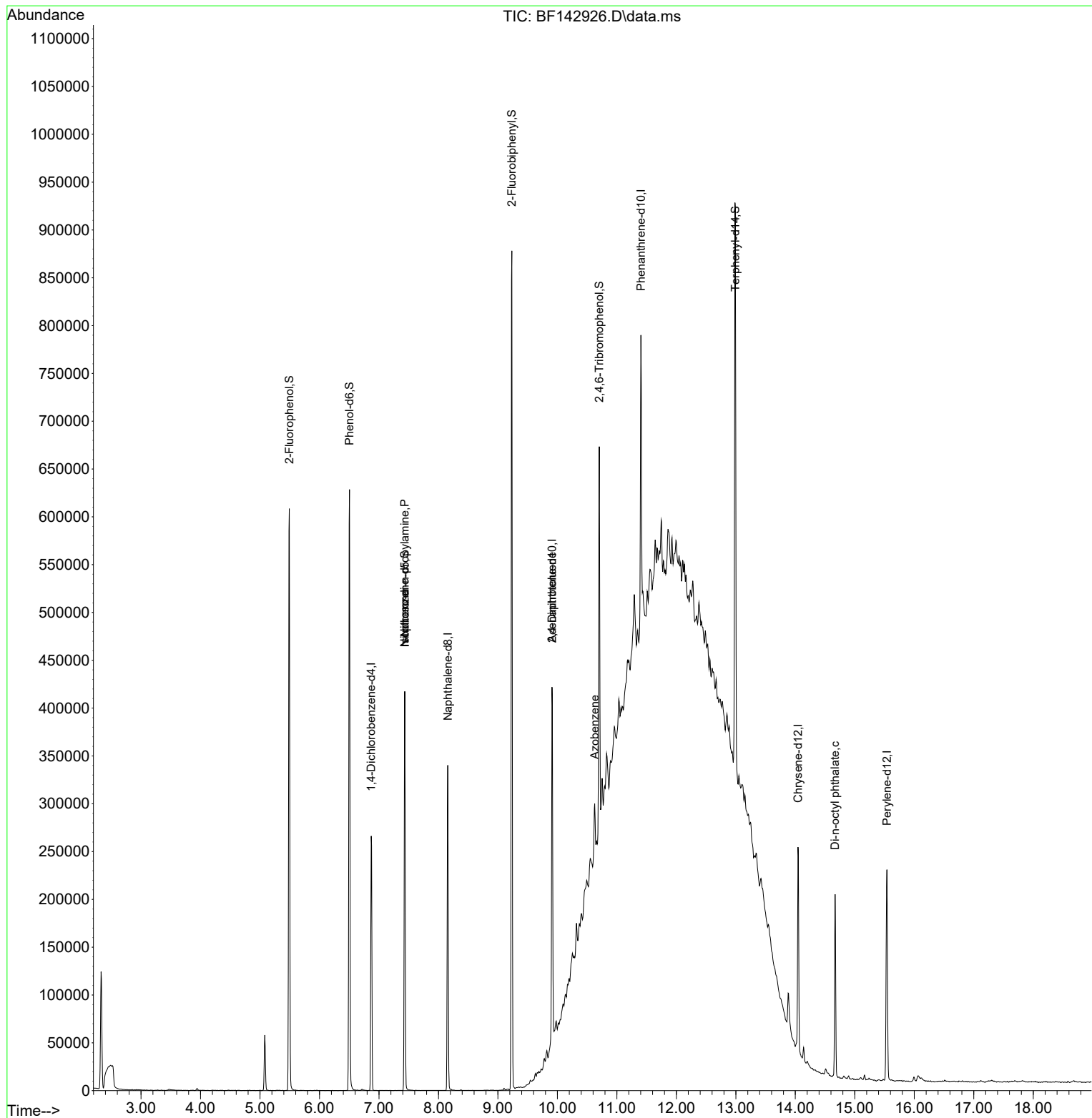
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	58981	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	220306	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	108492	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	152561	20.000	ng	0.00
76) Chrysene-d12	14.045	240	105036	20.000	ng	-0.01
86) Perylene-d12	15.539	264	132725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	239180	67.516	ng	0.00
7) Phenol-d6	6.504	99	287787	68.856	ng	0.00
23) Nitrobenzene-d5	7.434	82	172065	42.840	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	69827	62.543	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	400010	48.435	ng	-0.01
79) Terphenyl-d14	12.992	244	294218	38.703	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	22322	9.183	ng	# 75
25) Isophorone	7.434	82	172063	26.705	ng	# 62
57) 2,4-Dinitrotoluene	9.910	165	14897	7.272	ng	# 28
63) Azobenzene	10.627	77	13816	2.245	ng	# 1
85) Di-n-octyl phthalate	14.668	149	27841	3.593	ng	# 45

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

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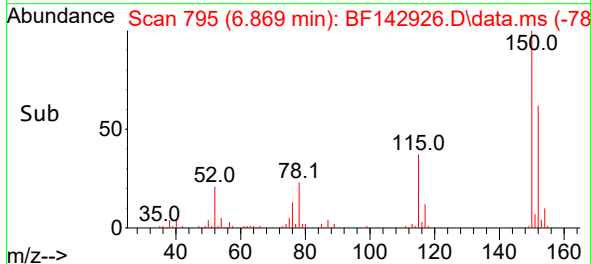
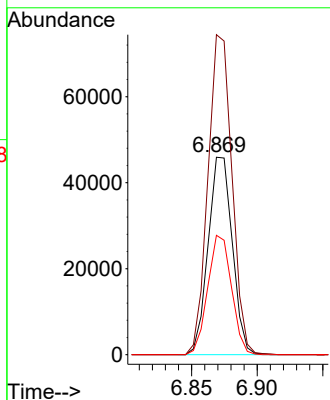
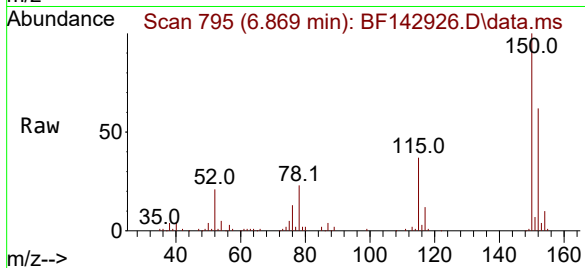




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

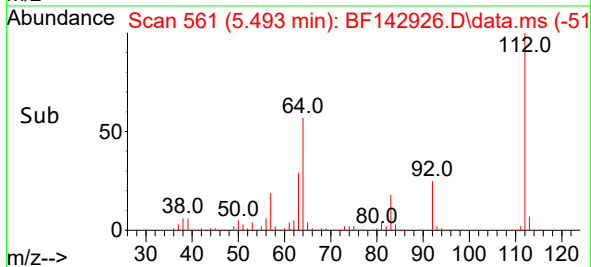
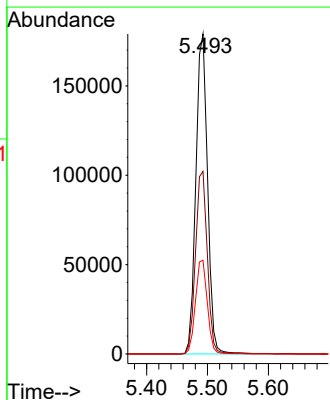
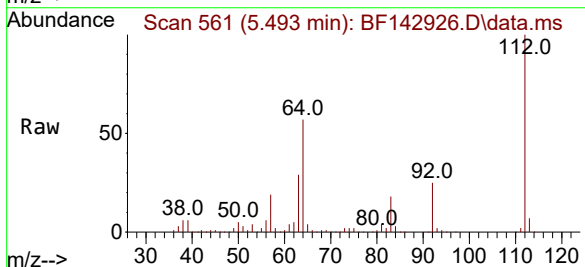
Instrument :
BNA_F
ClientSampleId :
500-3B

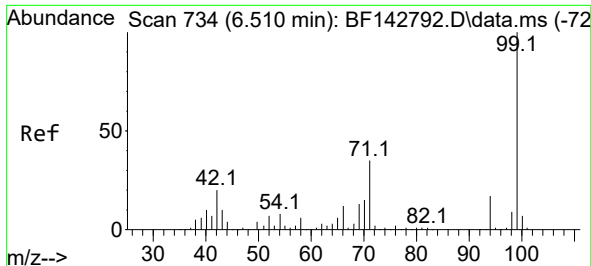
Tgt Ion:152 Resp: 58981
Ion Ratio Lower Upper
152 100
150 162.0 127.2 190.8
115 60.4 46.6 69.8



#5
2-Fluorophenol
Concen: 67.516 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Tgt Ion:112 Resp: 239180
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.2
63 29.3 25.7 38.5

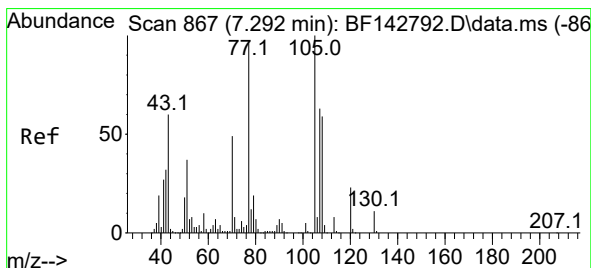
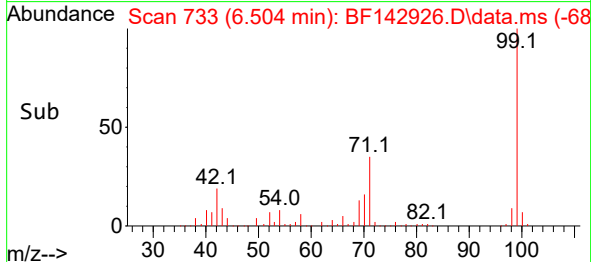
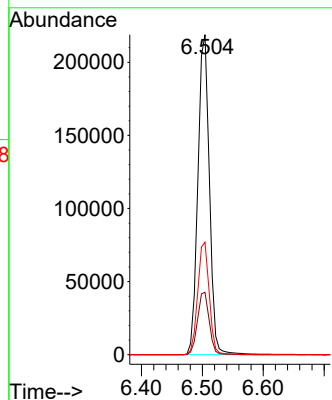
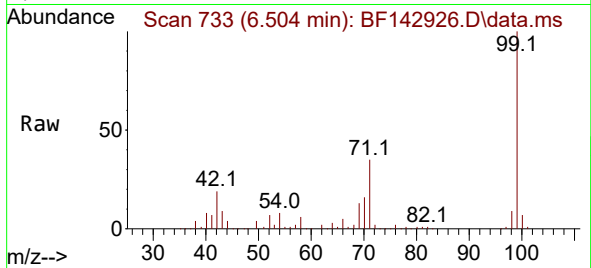




#7
Phenol-d6
Concen: 68.856 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

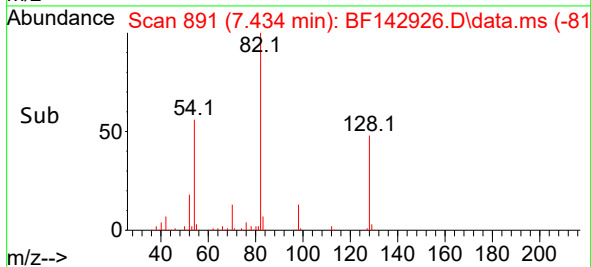
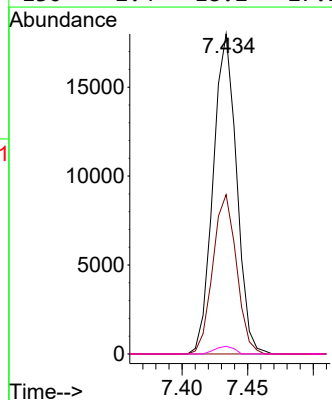
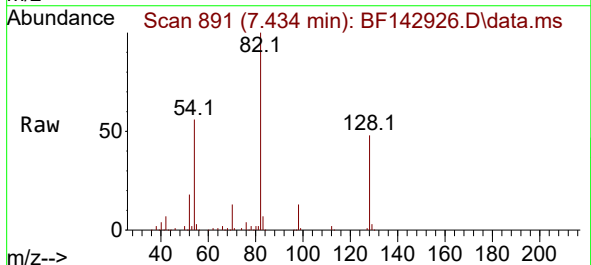
Instrument :
BNA_F
ClientSampleId :
500-3B

Tgt Ion: 99 Resp: 287787
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.1 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.183 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Tgt Ion: 70 Resp: 22322
Ion Ratio Lower Upper
70 100
42 49.8 52.1 78.1#
101 0.0 8.2 12.2#
130 2.4 18.2 27.2#



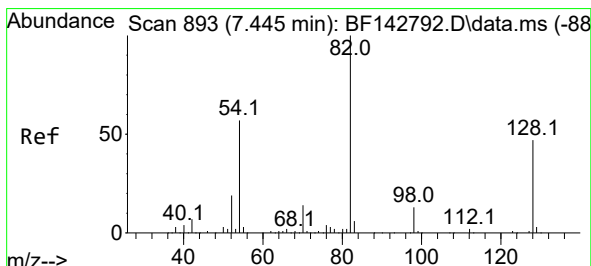
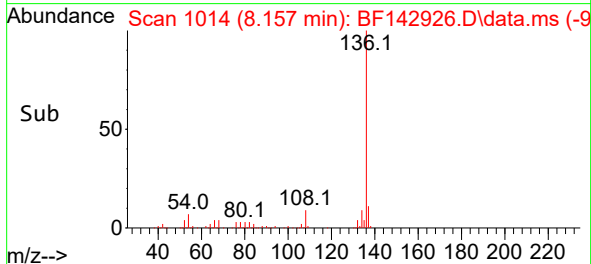
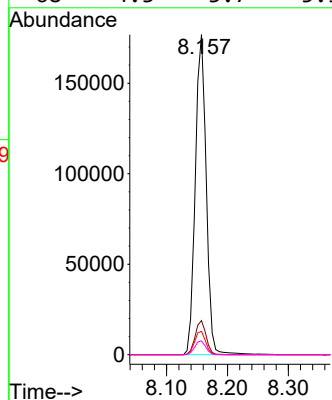
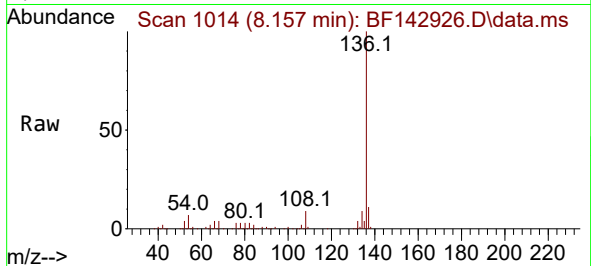


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Instrument :
BNA_F
ClientSampleId :
500-3B

Tgt Ion:136 Resp: 220306

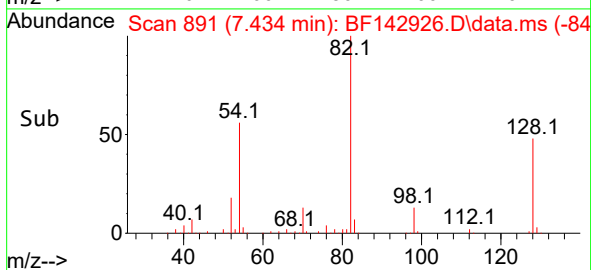
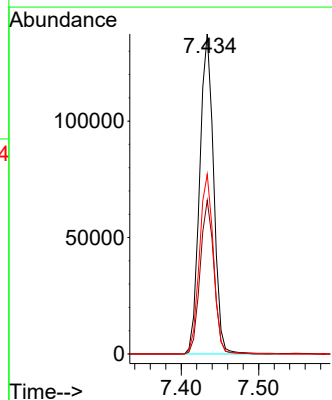
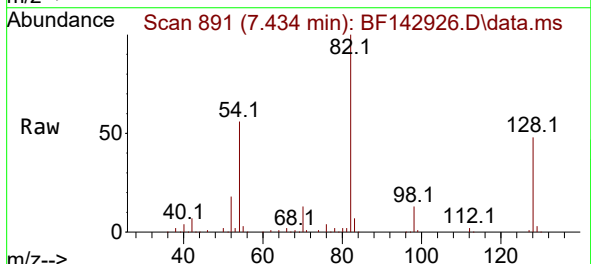
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.3	6.3	9.5
68	4.3	3.7	5.5

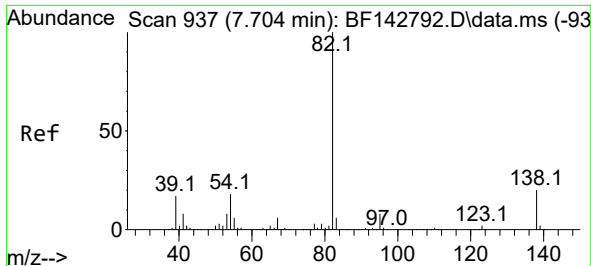


#23
Nitrobenzene-d5
Concen: 42.840 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Tgt Ion: 82 Resp: 172065

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	56.1	45.7	68.5

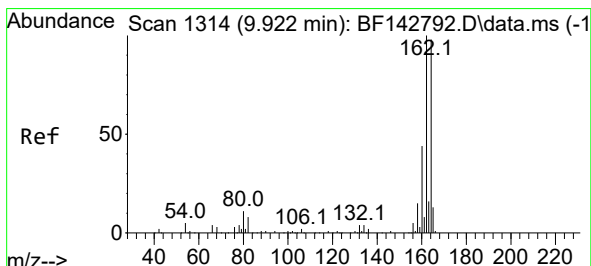
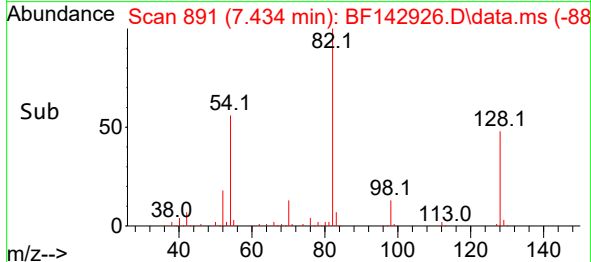
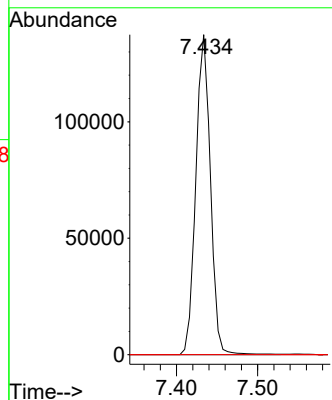
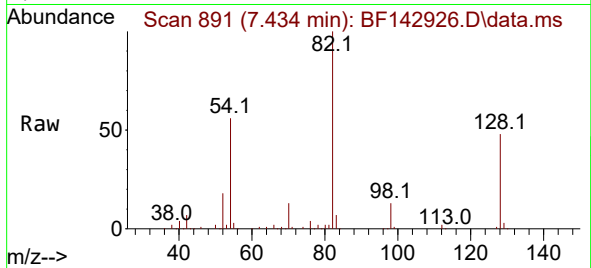




#25
Isophorone
Concen: 26.705 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

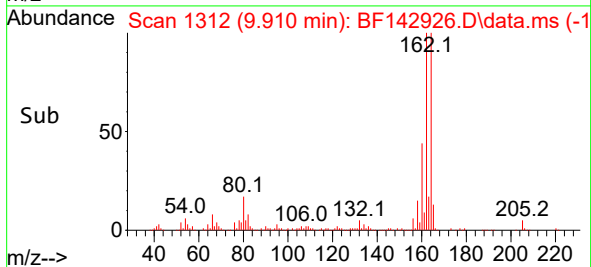
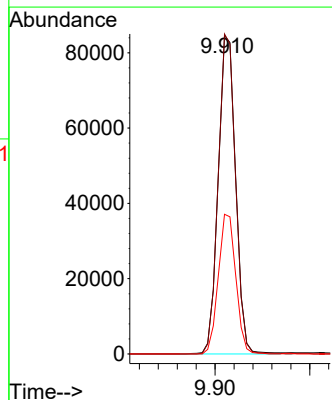
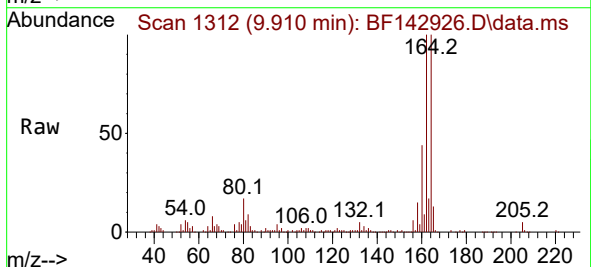
Instrument :
BNA_F
ClientSampleId :
500-3B

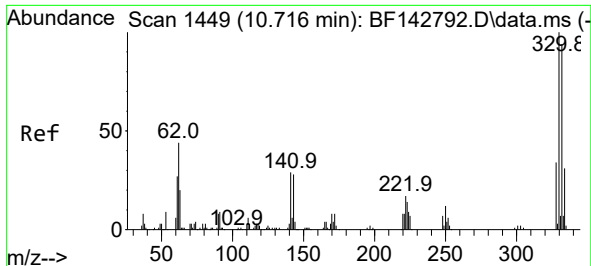
Tgt Ion: 82 Resp: 172063
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Tgt Ion:164 Resp: 108492
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.8
160 43.9 36.0 54.0

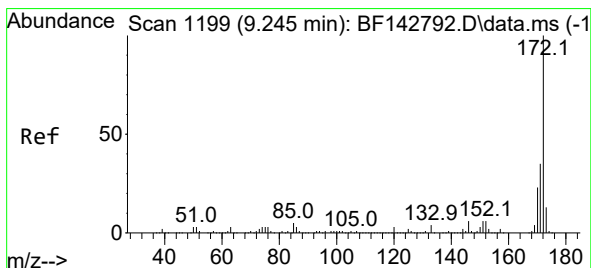
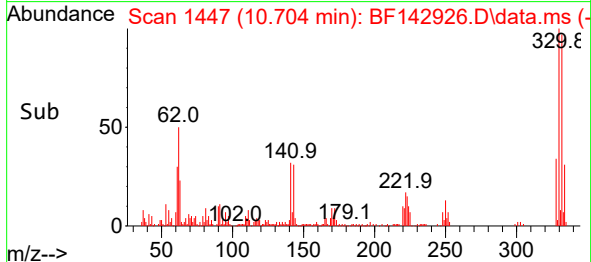
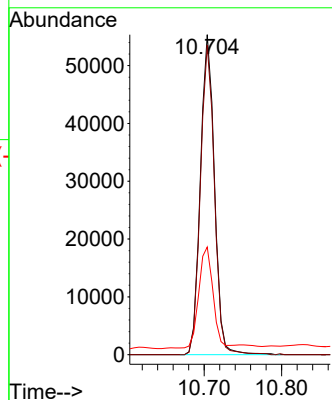
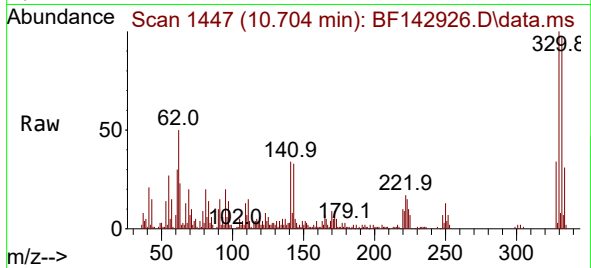




#42
2,4,6-Tribromophenol
Concen: 62.543 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

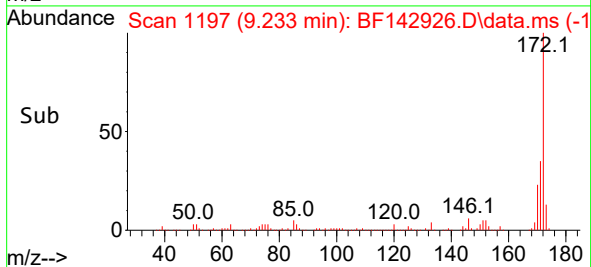
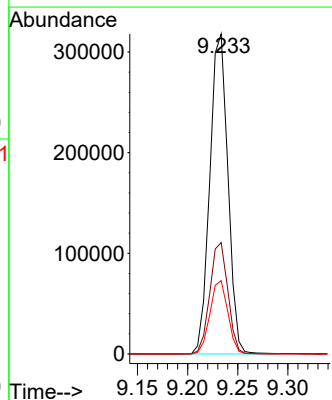
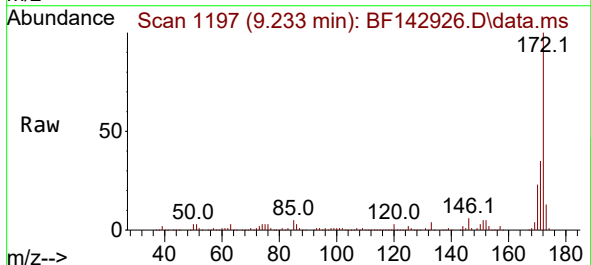
Instrument :
BNA_F
ClientSampleId :
500-3B

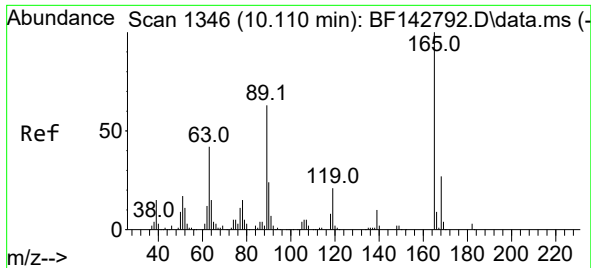
Tgt Ion:330 Resp: 69827
Ion Ratio Lower Upper
330 100
332 96.2 75.0 112.6
141 32.5 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 48.435 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Tgt Ion:172 Resp: 400010
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.9 18.5 27.7

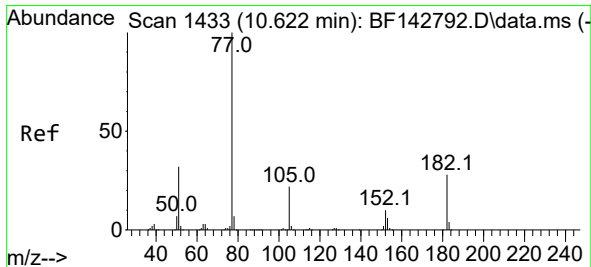
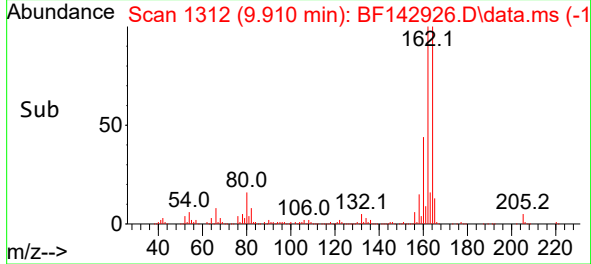
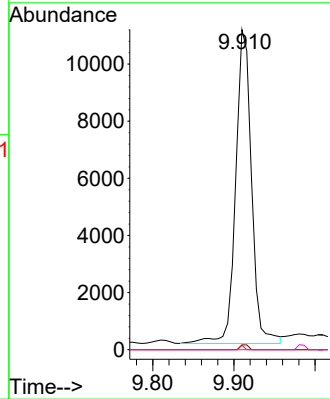
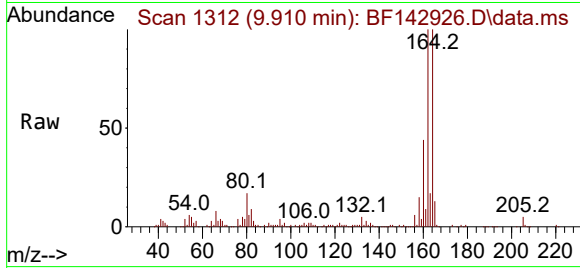




#57
2,4-Dinitrotoluene
Concen: 7.272 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

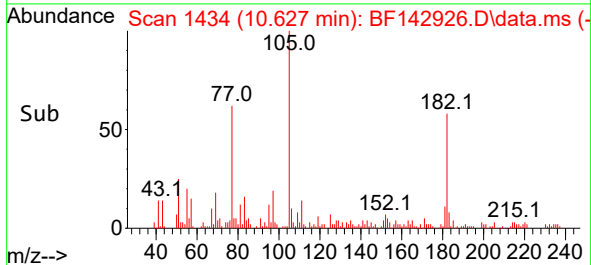
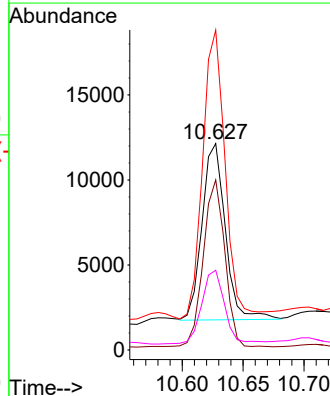
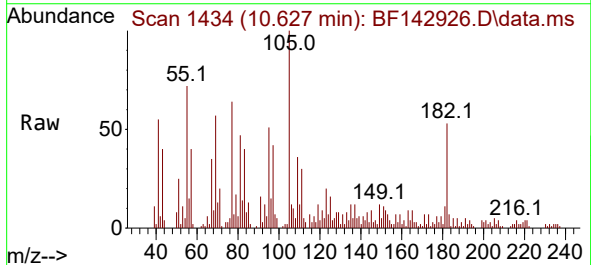
Instrument :
BNA_F
ClientSampleId :
500-3B

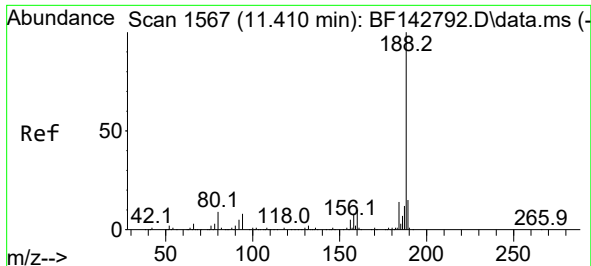
Tgt Ion:165 Resp: 14897
Ion Ratio Lower Upper
165 100
63 1.5 33.9 50.9#
89 1.4 50.6 75.8#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 2.245 ng
RT: 10.627 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Tgt Ion: 77 Resp: 13816
Ion Ratio Lower Upper
77 100
182 82.4 7.7 47.7#
105 155.1 1.9 41.9#
51 38.6 13.3 53.3

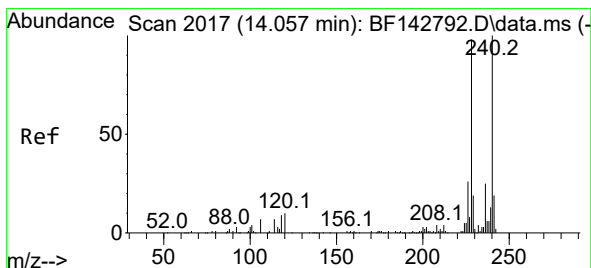
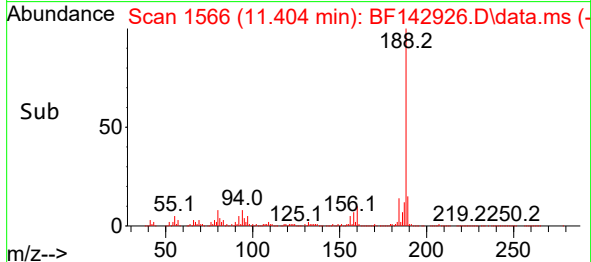
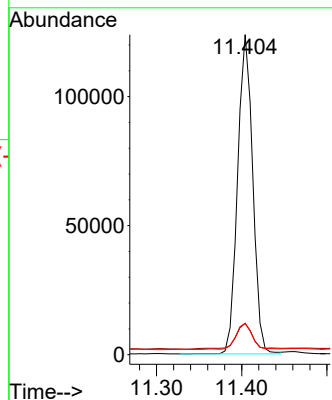
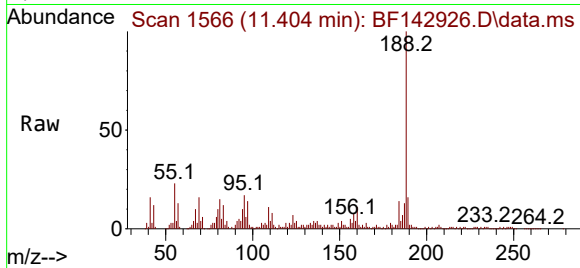




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

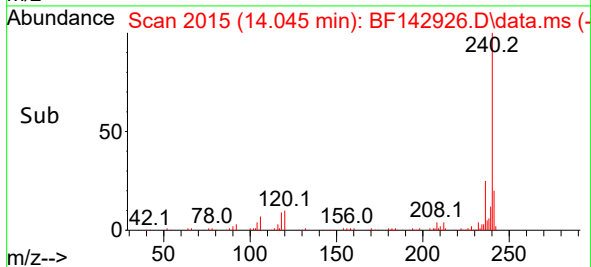
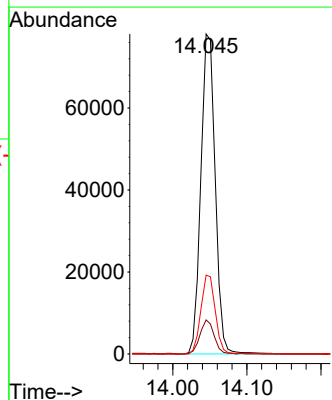
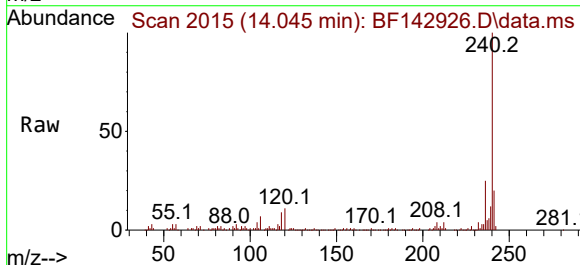
Instrument :
BNA_F
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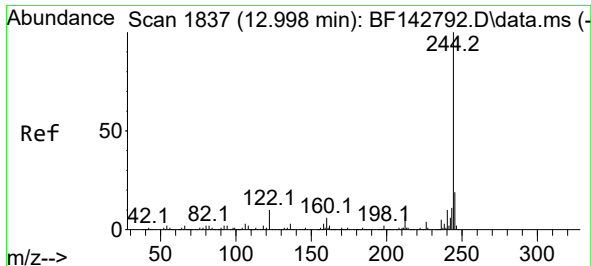
Tgt Ion:188 Resp: 152561
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 9.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Tgt Ion:240 Resp: 105036
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.2
236 24.6 19.8 29.8

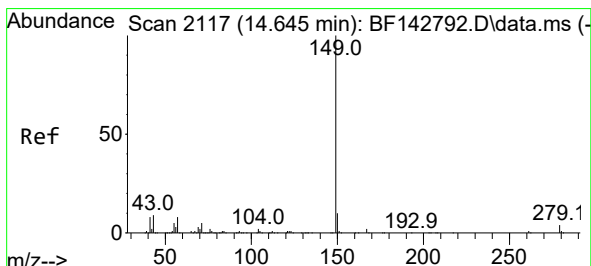
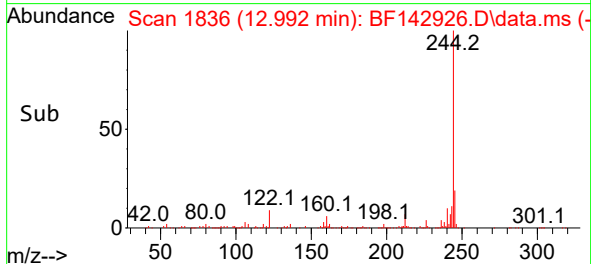
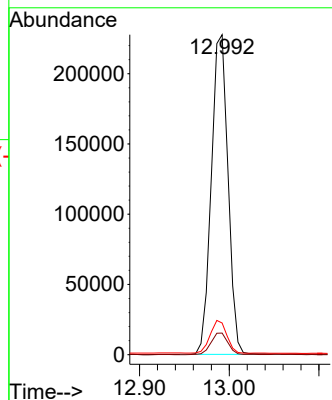
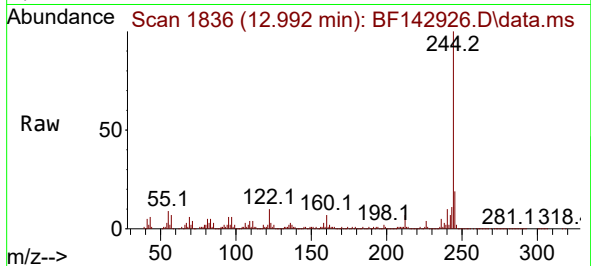




#79
 Terphenyl-d14
 Concen: 38.703 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142926.D
 Acq: 30 Jun 2025 20:45

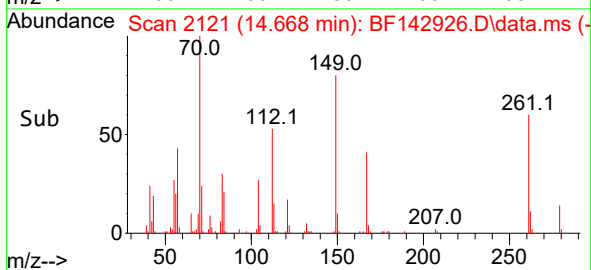
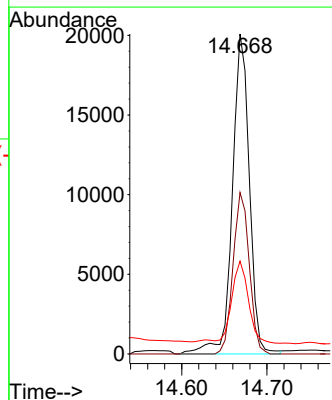
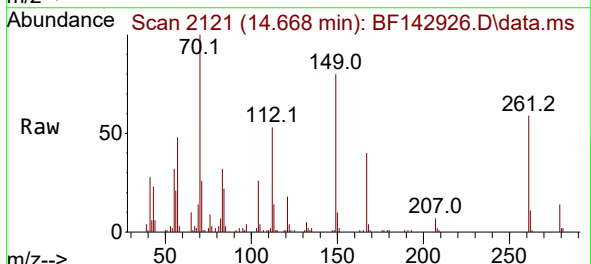
Instrument :
 BNA_F
 ClientSampleId :
 500-3B

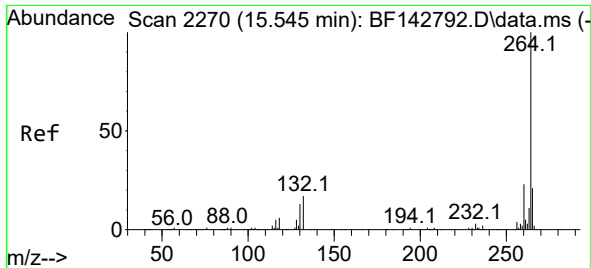
Tgt Ion:244 Resp: 294218
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.9 8.2 12.2



#85
 Di-n-octyl phthalate
 Concen: 3.593 ng
 RT: 14.668 min Scan# 2121
 Delta R.T. 0.024 min
 Lab File: BF142926.D
 Acq: 30 Jun 2025 20:45

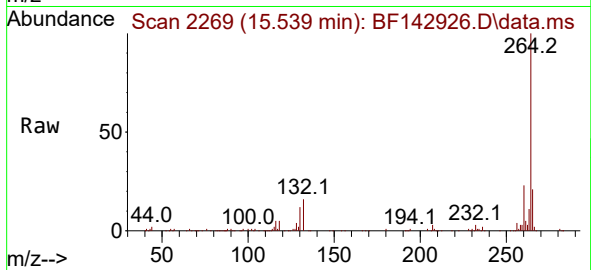
Tgt Ion:149 Resp: 27841
 Ion Ratio Lower Upper
 149 100
 167 48.1 1.3 1.9#
 43 25.5 7.6 11.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142926.D
Acq: 30 Jun 2025 20:45

Instrument :
BNA_F
ClientSampleId :
500-3B



Tgt Ion:264 Resp: 132725
Ion Ratio Lower Upper
264 100
260 22.9 18.1 27.1
265 20.6 16.6 25.0

