

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142902.D
 Acq On : 27 Jun 2025 19:39
 Operator : RC/JU
 Sample : Q2415-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jun 27 22:40:50 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)

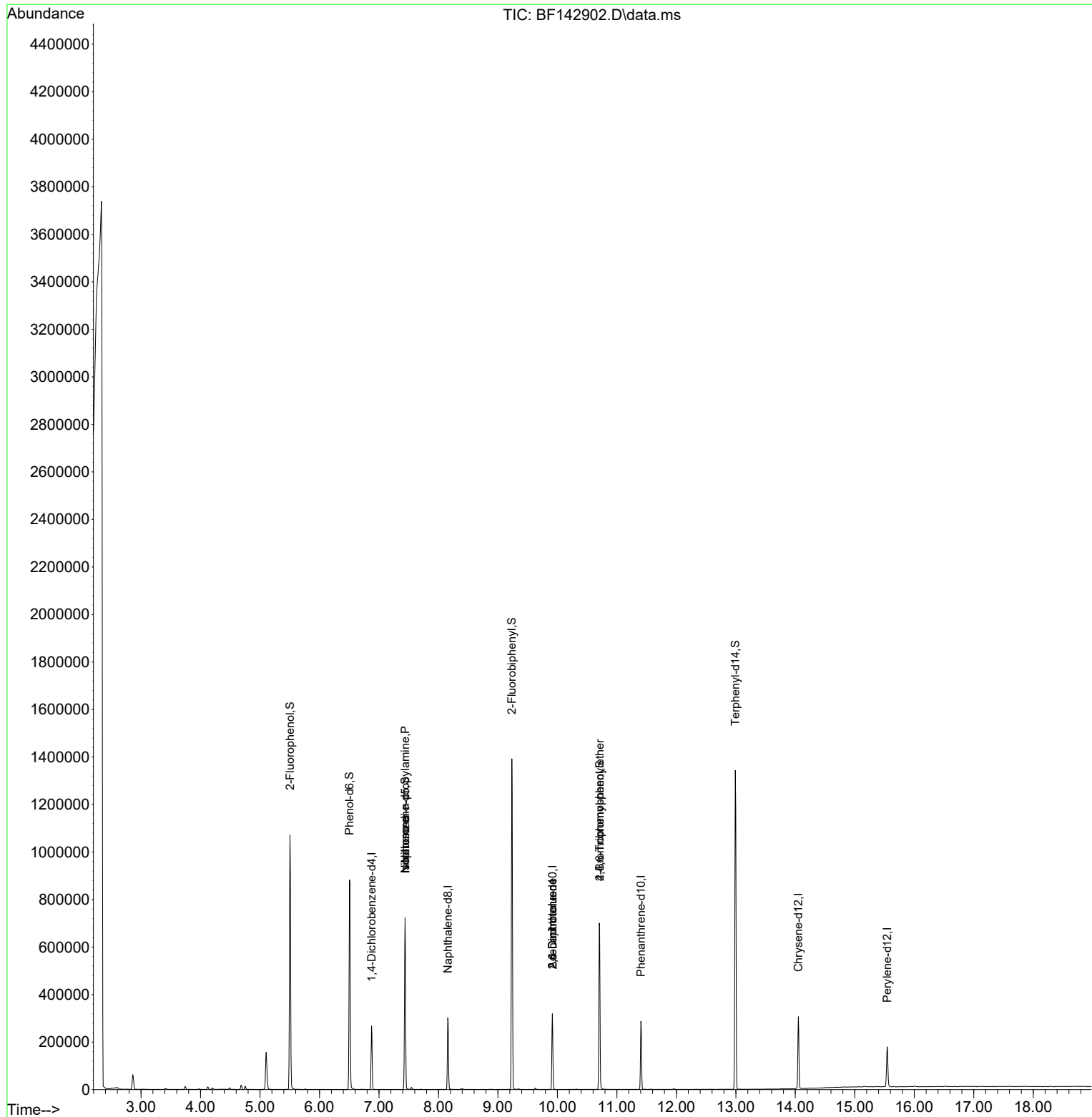
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58007	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	201994	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	95901	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	152375	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149939	20.000	ng	0.00
86) Perylene-d12	15.545	264	103437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	411237	118.034	ng	0.01
7) Phenol-d6	6.504	99	427226	103.935	ng	0.00
23) Nitrobenzene-d5	7.440	82	306846	83.323	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	129291	131.009	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	624898	85.600	ng	-0.01
79) Terphenyl-d14	12.992	244	658666	60.697	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	41128	17.203	ng	# 74
25) Isophorone	7.440	82	306842	51.941	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	12615	9.253	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	12615	6.966	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	8313	4.794	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142902.D
Acq On : 27 Jun 2025 19:39
Operator : RC/JU
Sample : Q2415-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Jun 27 22:40:50 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

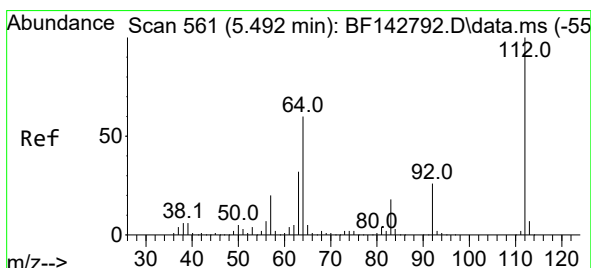
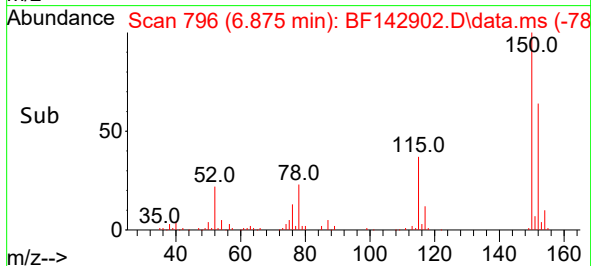
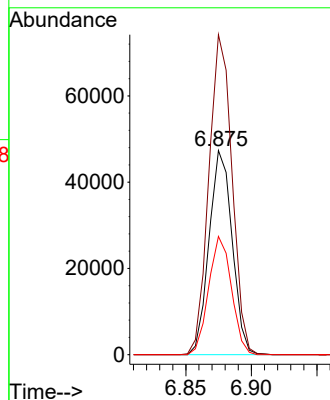
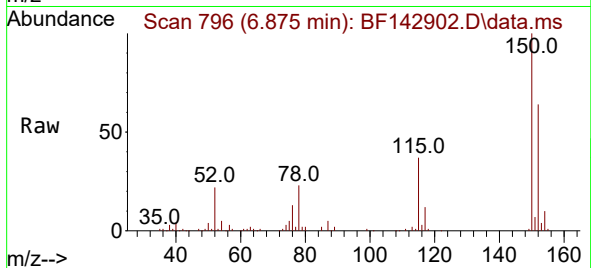




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

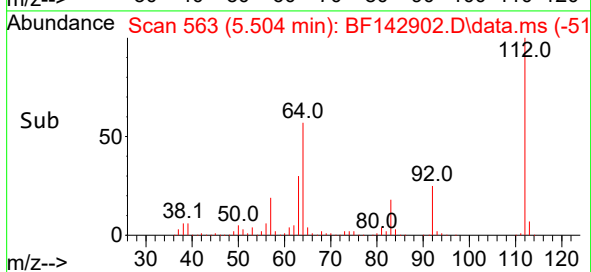
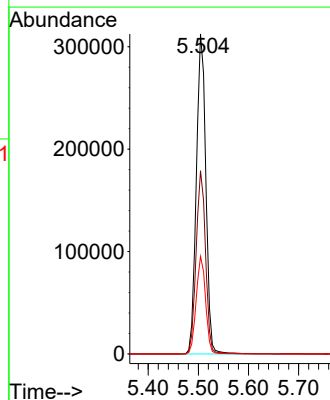
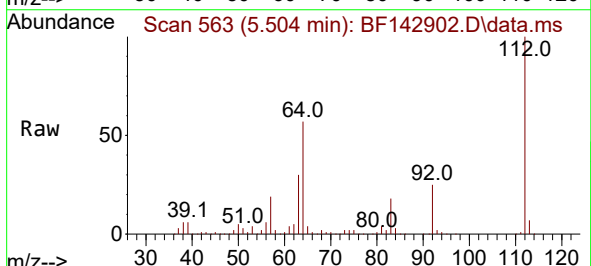
Instrument :
BNA_F
ClientSampleId :
WC-1

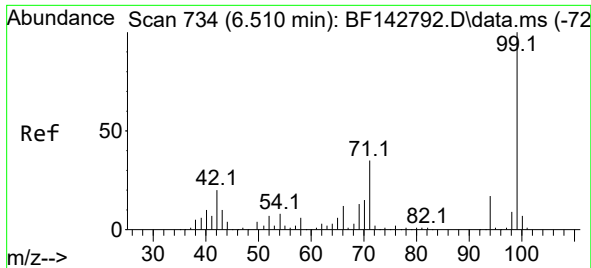
Tgt Ion:152 Resp: 58007
Ion Ratio Lower Upper
152 100
150 156.7 127.2 190.8
115 57.9 46.6 69.8



#5
2-Fluorophenol
Concen: 118.034 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

Tgt Ion:112 Resp: 411237
Ion Ratio Lower Upper
112 100
64 57.2 48.2 72.2
63 30.5 25.7 38.5

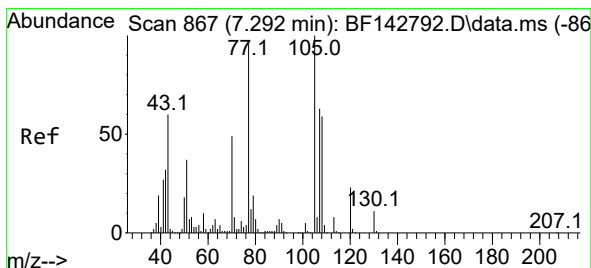
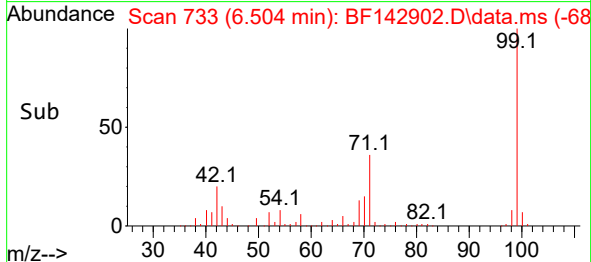
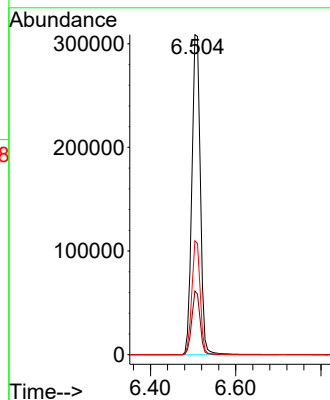
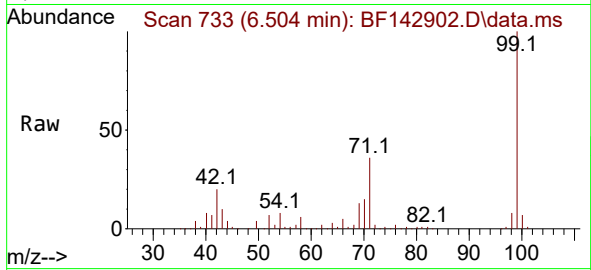




#7
Phenol-d6
Concen: 103.935 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

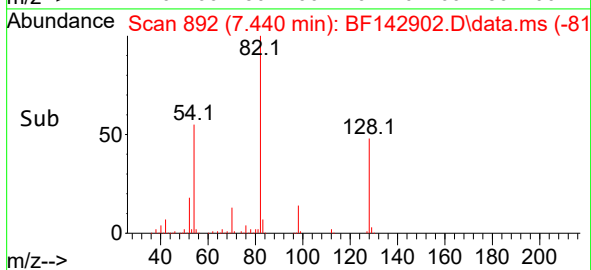
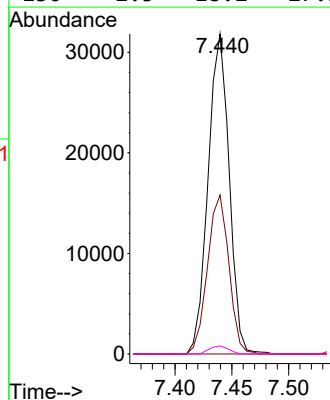
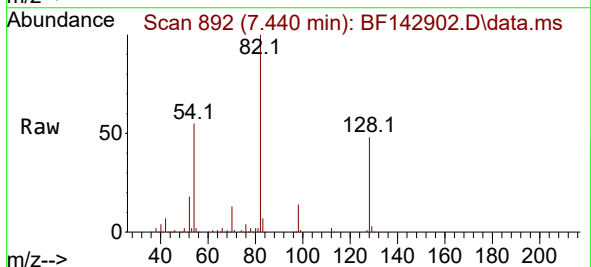
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 427226
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.6 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.203 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

Tgt Ion: 70 Resp: 41128
Ion Ratio Lower Upper
70 100
42 49.6 52.1 78.1#
101 0.0 8.2 12.2#
130 2.5 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: BF142902.D

Acq: 27 Jun 2025 19:39

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:136 Resp: 201994

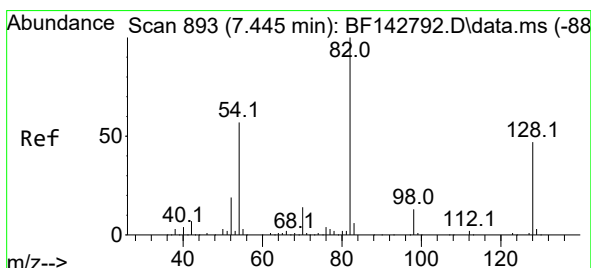
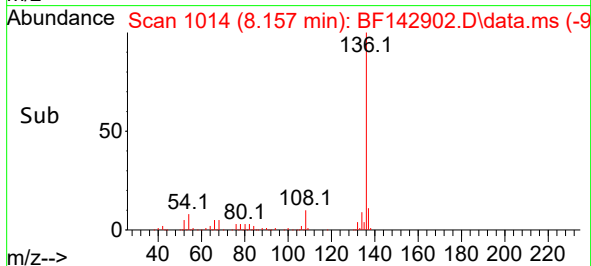
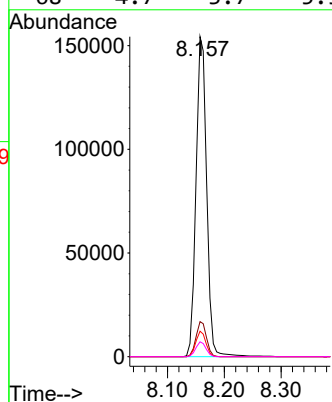
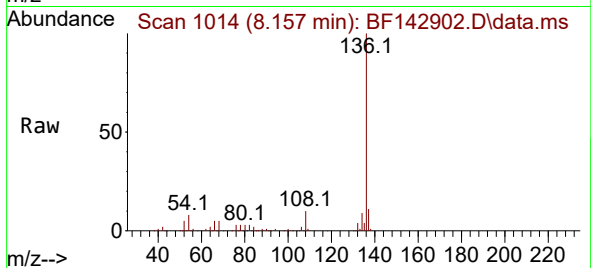
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.0 6.3 9.5

68 4.7 3.7 5.5



#23

Nitrobenzene-d5

Concen: 83.323 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.005 min

Lab File: BF142902.D

Acq: 27 Jun 2025 19:39

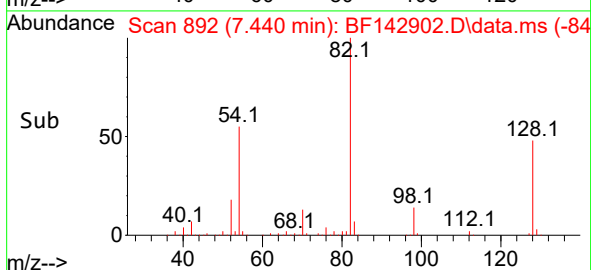
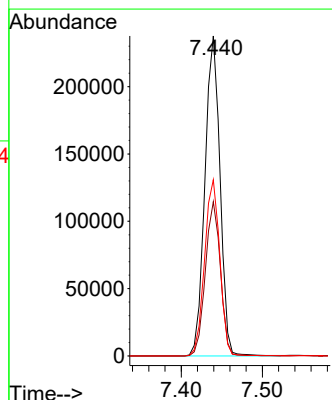
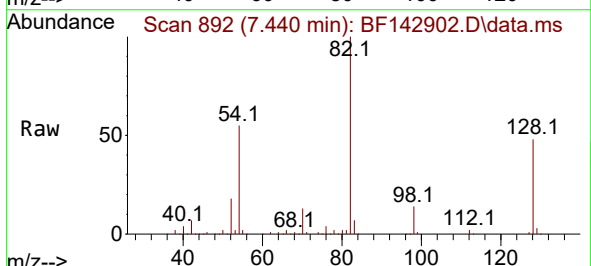
Tgt Ion: 82 Resp: 306846

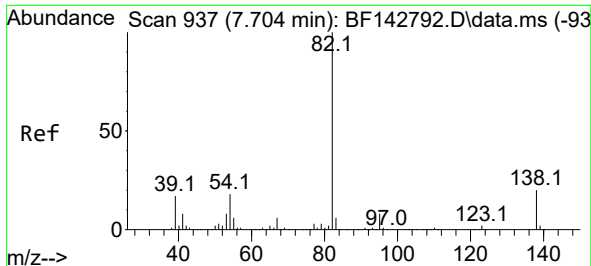
Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 55.0 45.7 68.5

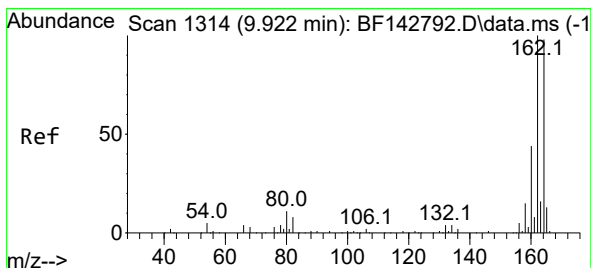
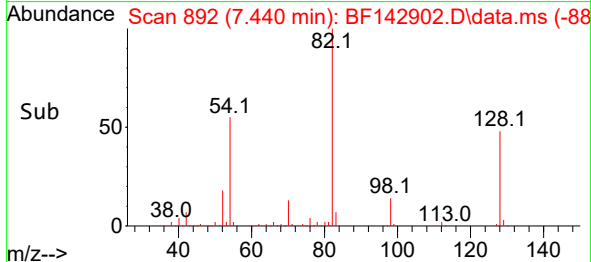
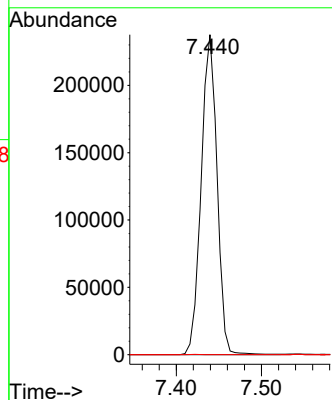
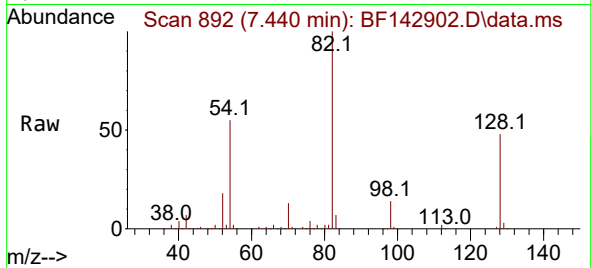




#25
Isophorone
Concen: 51.941 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

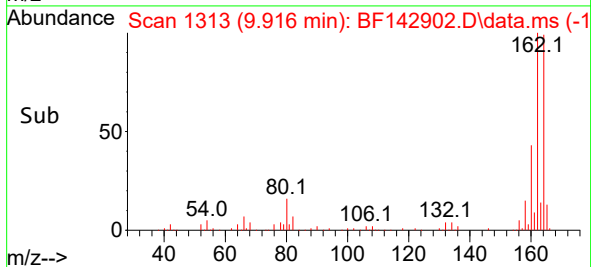
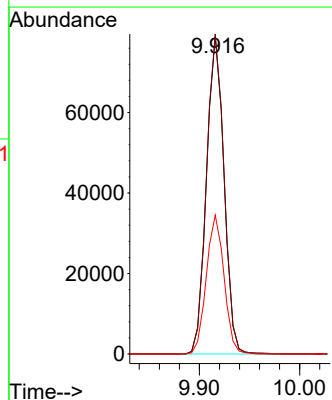
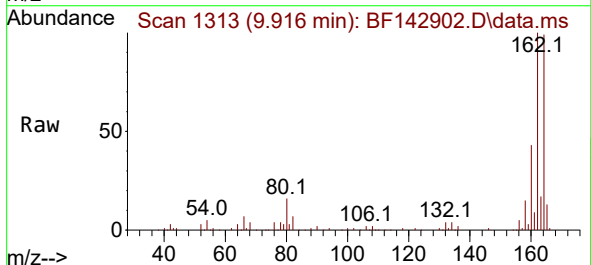
Instrument :
BNA_F
ClientSampleId :
WC-1

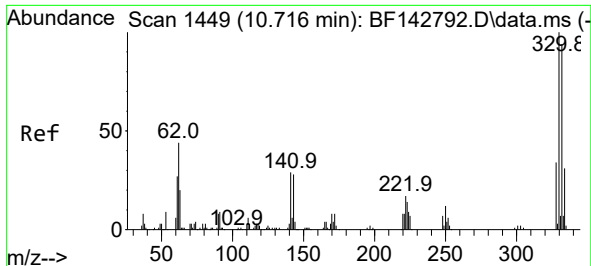
Tgt Ion: 82 Resp: 306842
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

Tgt Ion:164 Resp: 95901
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.8
160 43.7 36.0 54.0

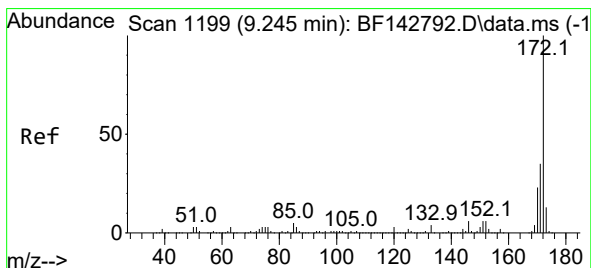
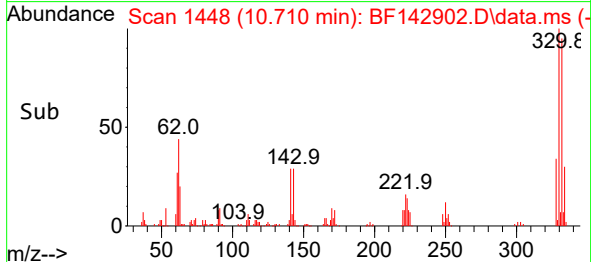
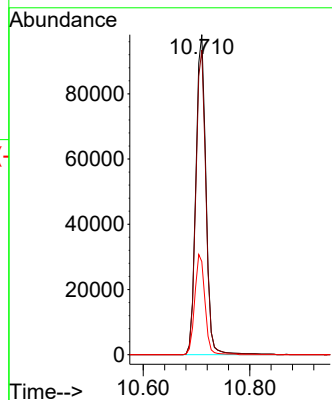
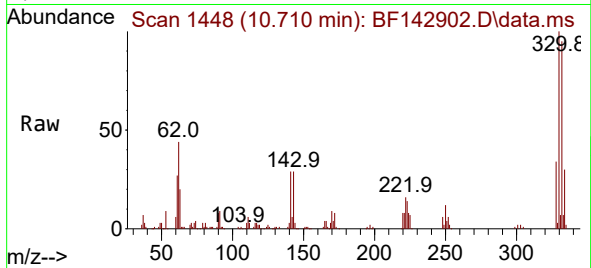




#42
2,4,6-Tribromophenol
Concen: 131.009 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

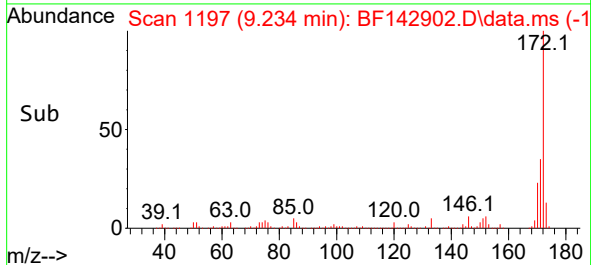
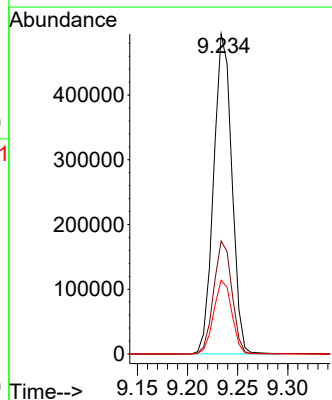
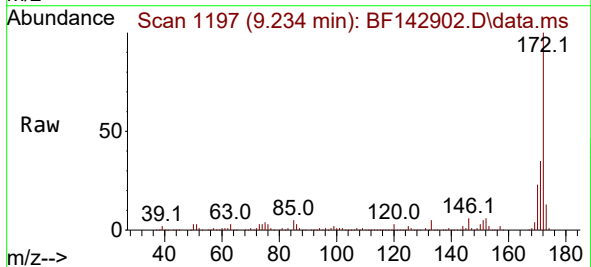
Instrument :
BNA_F
ClientSampleId :
WC-1

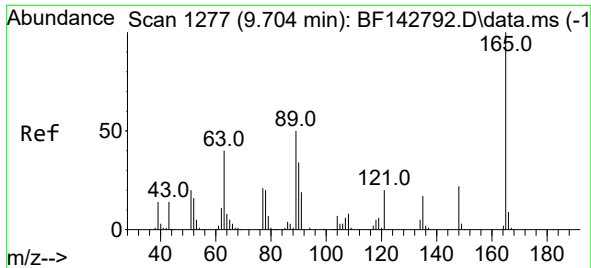
Tgt Ion:330 Resp: 129291
Ion Ratio Lower Upper
330 100
332 95.4 75.0 112.6
141 31.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 85.600 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

Tgt Ion:172 Resp: 624898
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.5 27.7

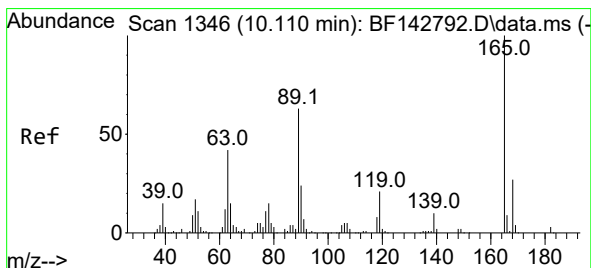
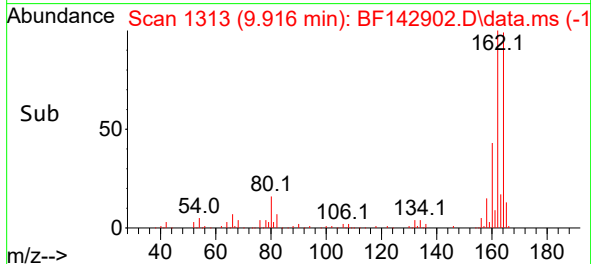
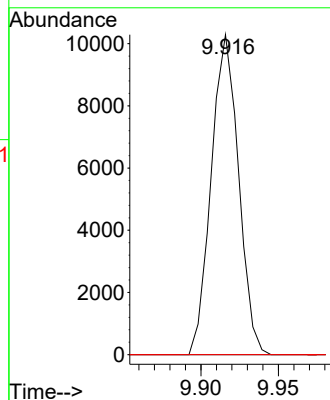
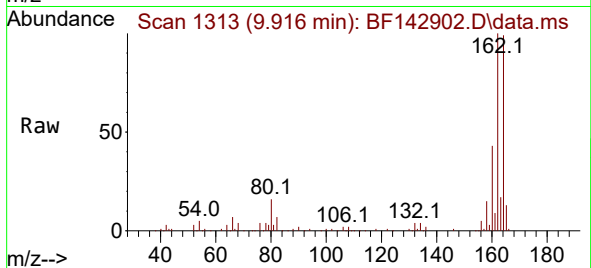




#51
2,6-Dinitrotoluene
Concen: 9.253 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

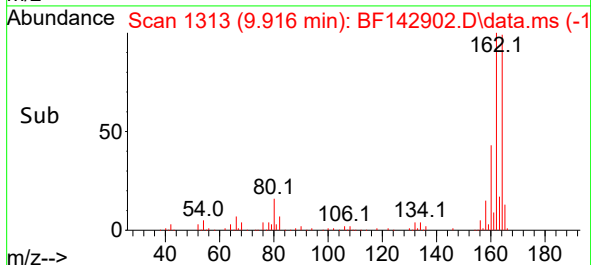
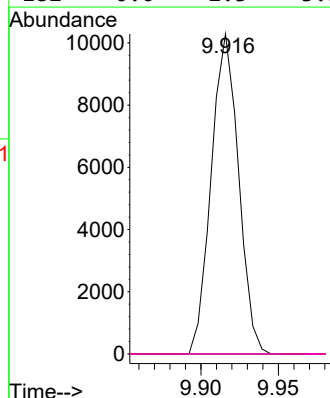
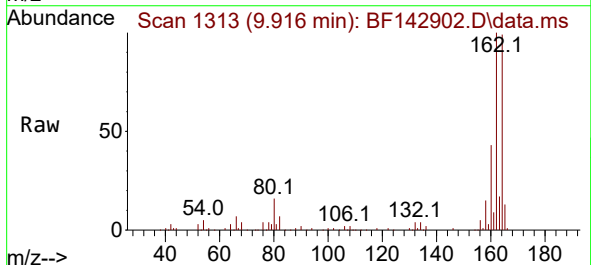
Instrument :
BNA_F
ClientSampleId :
WC-1

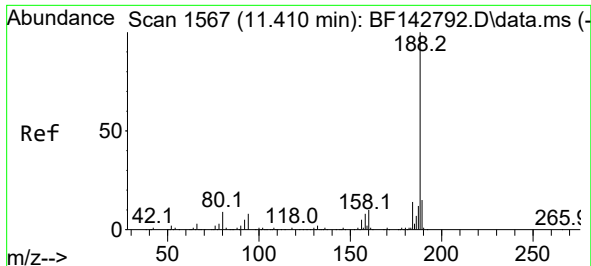
Tgt Ion:165 Resp: 12615
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.966 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

Tgt Ion:165 Resp: 12615
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#

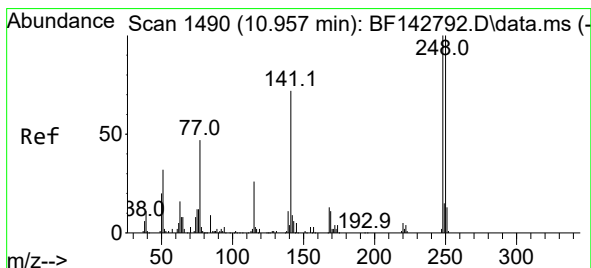
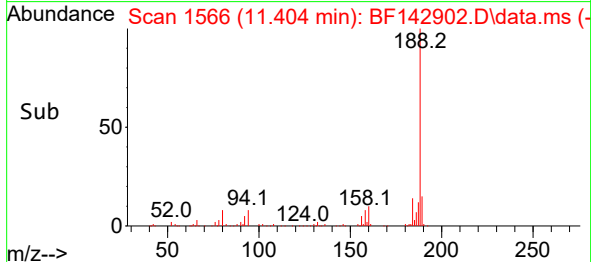
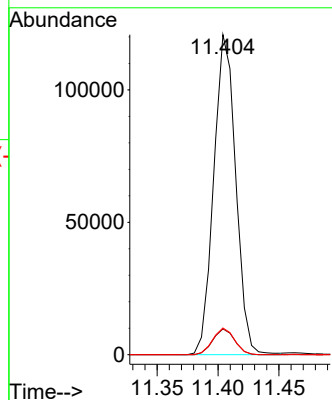
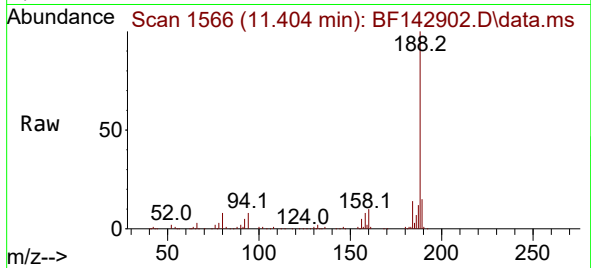




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

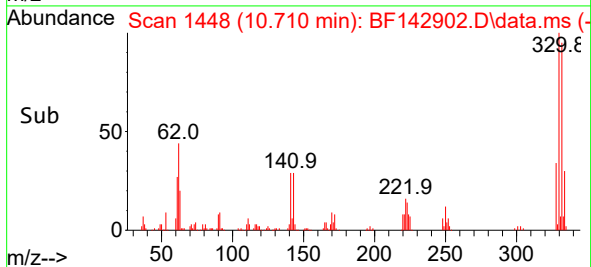
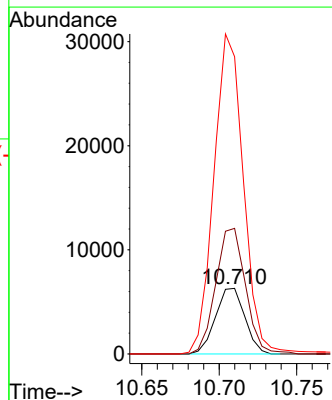
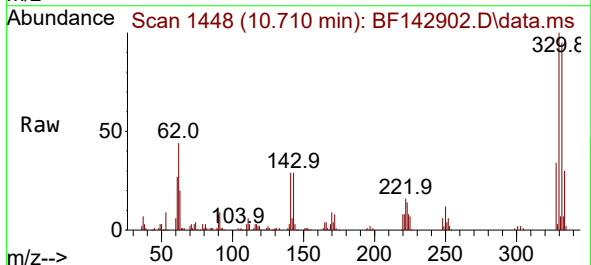
Instrument :
BNA_F
ClientSampleId :
WC-1

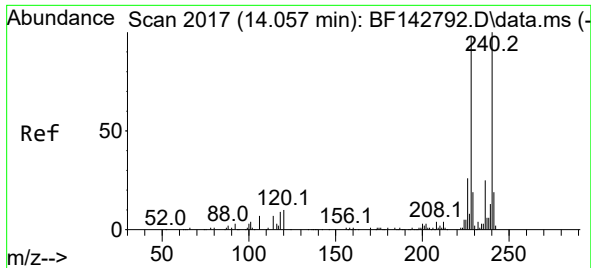
Tgt Ion:188 Resp: 152375
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.3 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.794 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

Tgt Ion:248 Resp: 8313
Ion Ratio Lower Upper
248 100
250 191.8 79.8 119.8#
141 453.6 57.8 86.6#

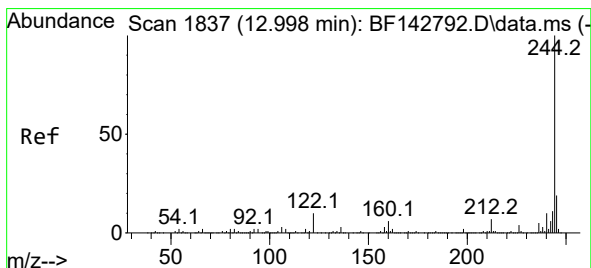
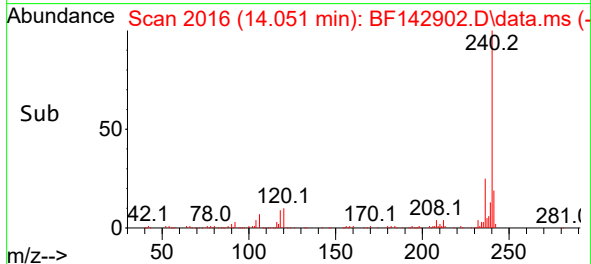
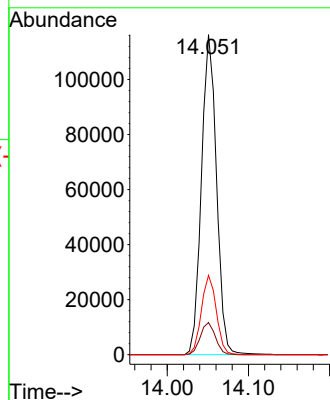
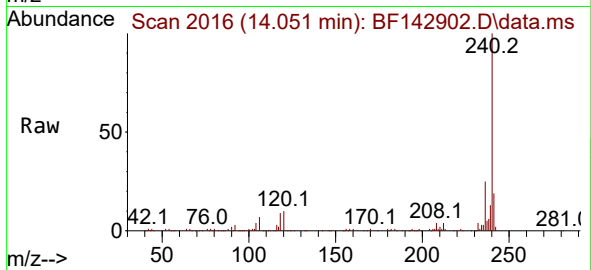




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

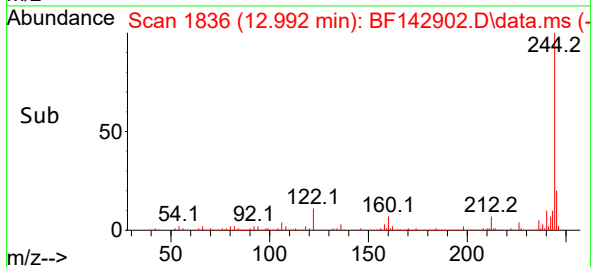
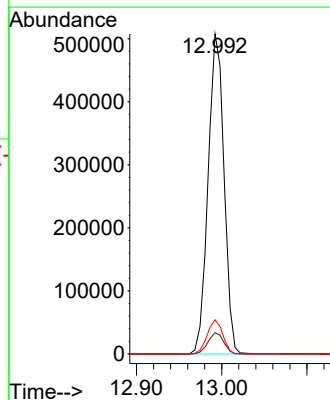
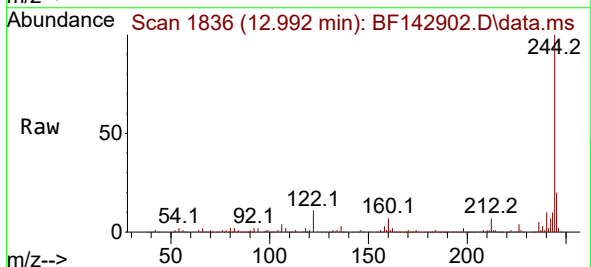
Instrument :
BNA_F
ClientSampleId :
WC-1

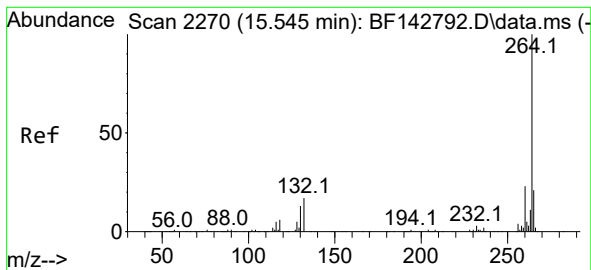
Tgt Ion:240 Resp: 149939
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 24.8 19.8 29.8



#79
Terphenyl-d14
Concen: 60.697 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF142902.D
Acq: 27 Jun 2025 19:39

Tgt Ion:244 Resp: 658666
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142902.D
 Acq: 27 Jun 2025 19:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:264 Resp: 103437
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.1 27.1
 265 22.0 16.6 25.0

