

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037053.D
 Acq On : 19 May 2025 19:52
 Operator : RC/JU
 Sample : Q2051-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250514

Quant Time: May 19 23:46:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

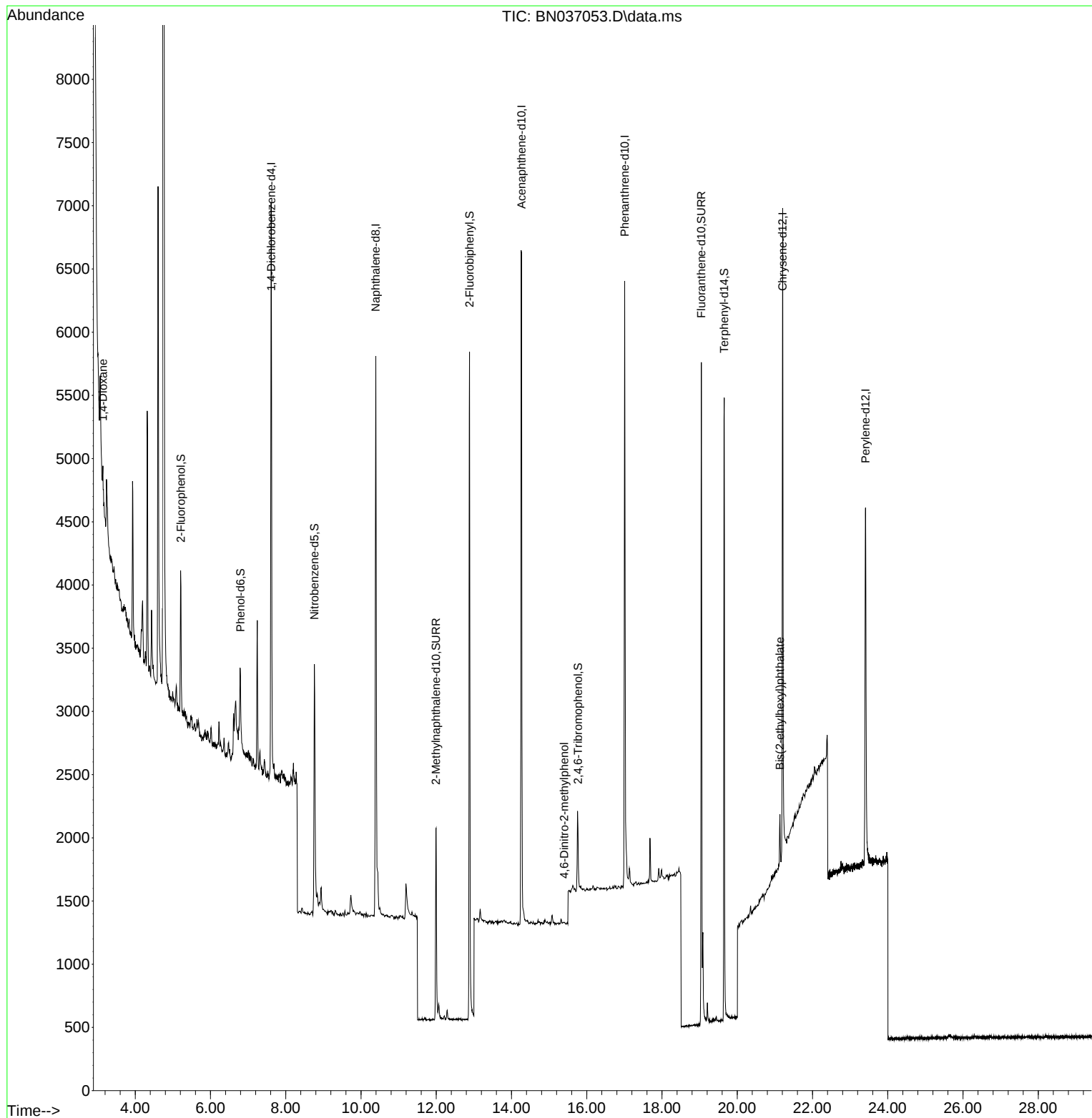
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2221	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5897	0.400	ng	#-0.01
13) Acenaphthene-d10	14.266	164	3363	0.400	ng	0.00
19) Phenanthrene-d10	17.008	188	6576	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4753	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3989	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	785	0.135	ng	0.00
5) Phenol-d6	6.795	99	552	0.076	ng	0.00
8) Nitrobenzene-d5	8.760	82	1849	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2344	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	374	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	5569	0.362	ng	0.00
27) Fluoranthene-d10	19.045	212	5992	0.332	ng	0.00
31) Terphenyl-d14	19.653	244	4896	0.482	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.140	88	108	0.040	ng	# 48
20) 4,6-Dinitro-2-methylph...	15.400	198	1	0.024	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	426	0.039	ng	# 97

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

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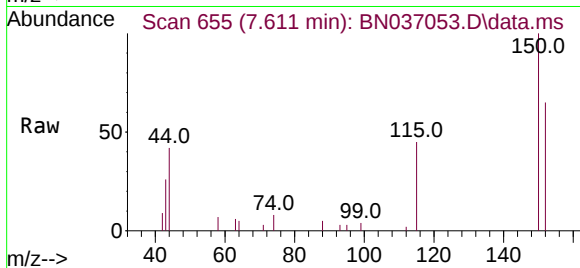
Quant Time: May 19 23:46:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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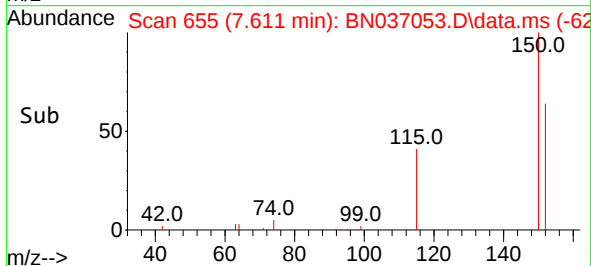
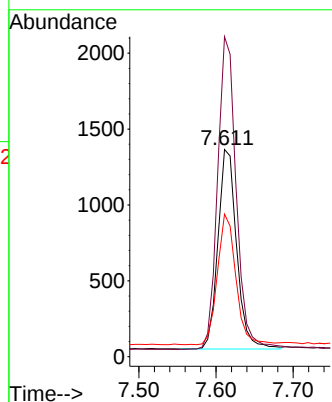
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250514



Tgt Ion: 152 Resp: 2221

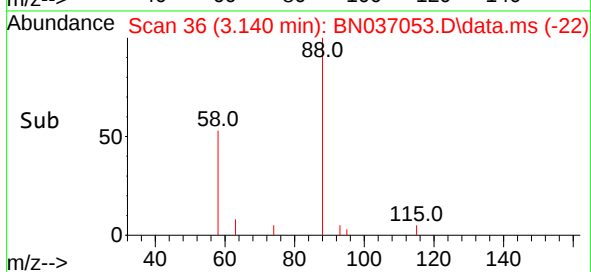
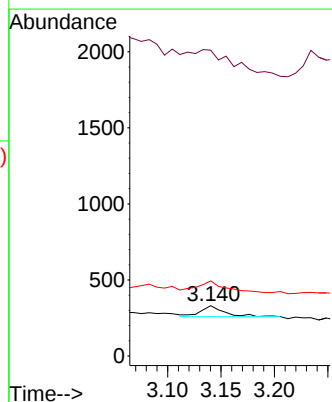
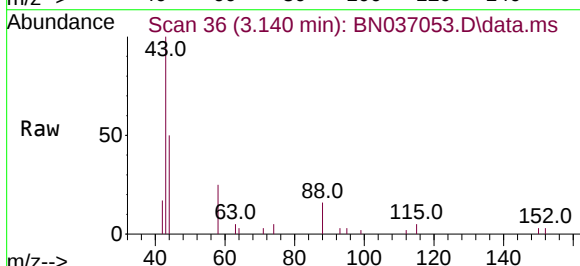
Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.9	185.9
115	68.8	55.8	83.8

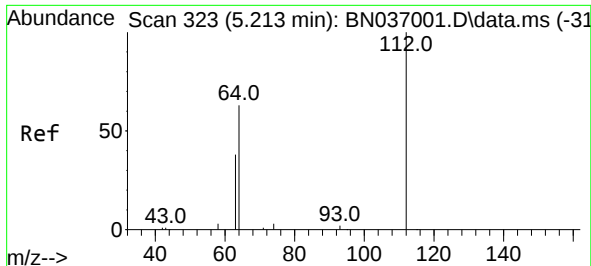


#2
 1,4-Dioxane
 Concen: 0.040 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Tgt Ion: 88 Resp: 108

Ion	Ratio	Lower	Upper
88	100		
43	0.0	37.4	56.0#
58	125.0	68.8	103.2#





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250514

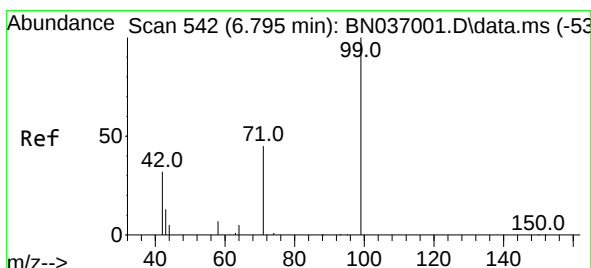
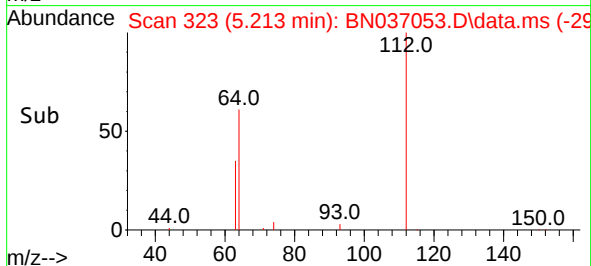
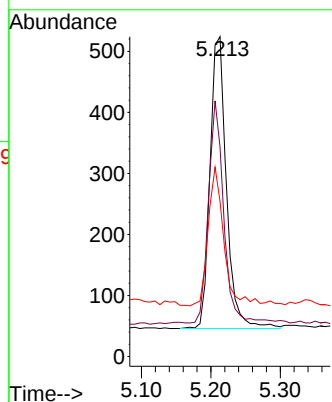
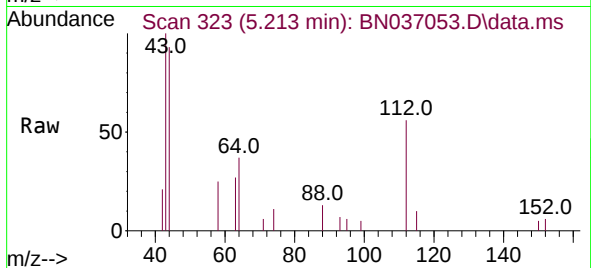
Tgt Ion:112 Resp: 785

Ion Ratio Lower Upper

112 100

64 70.8 55.7 83.5

63 45.6 34.6 51.8



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.795 min Scan# 542

Delta R.T. -0.000 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

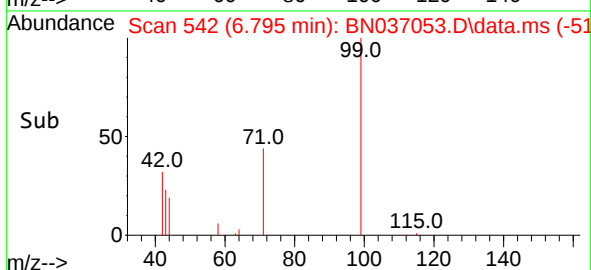
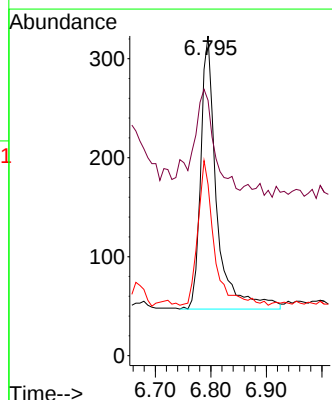
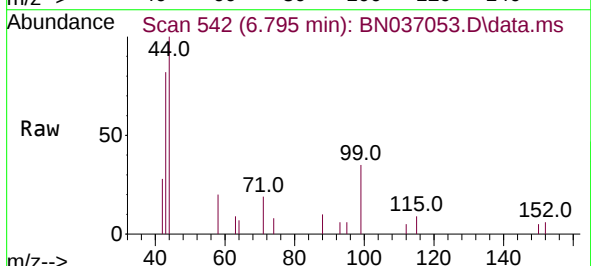
Tgt Ion: 99 Resp: 552

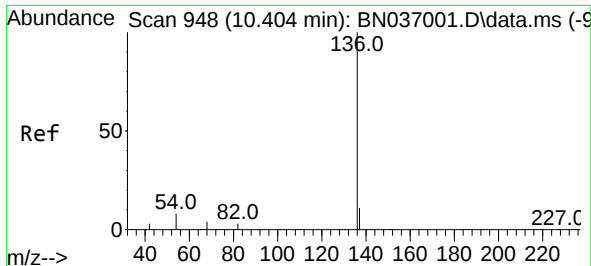
Ion Ratio Lower Upper

99 100

42 48.4 29.3 43.9#

71 53.4 35.7 53.5

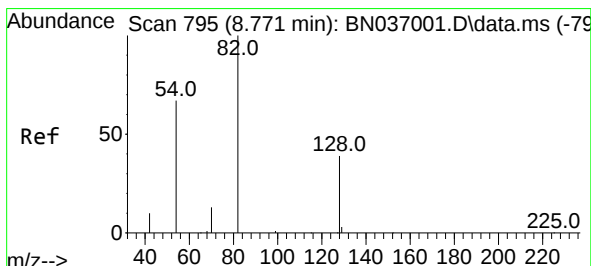
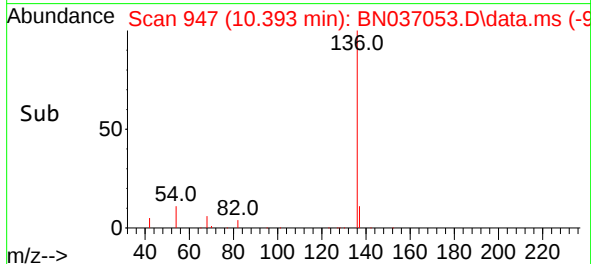
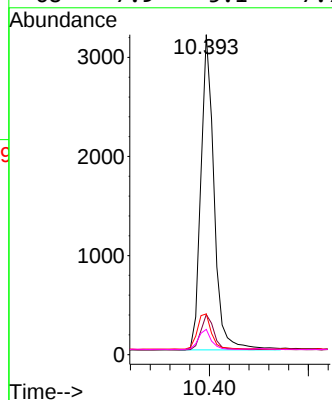
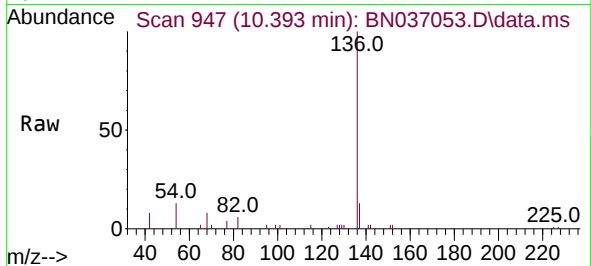




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

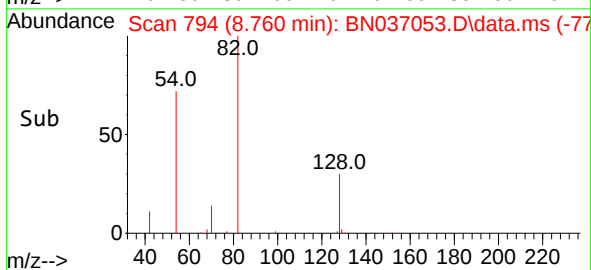
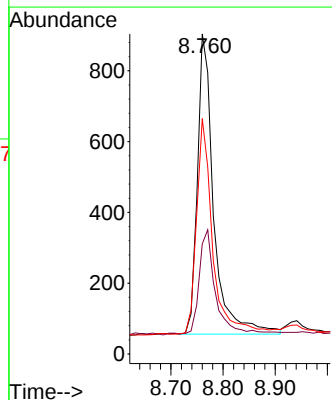
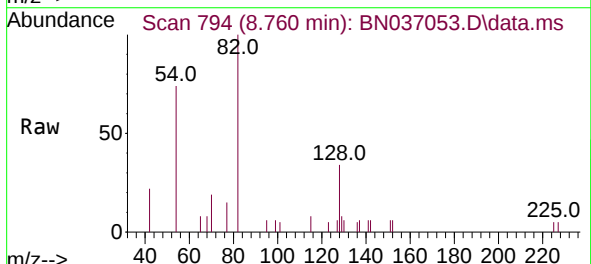
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250514

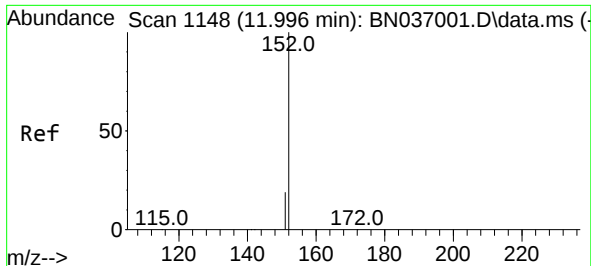
Tgt Ion:	136	Resp:	5897
Ion Ratio	Lower	Upper	
136	100		
137	12.5	10.4	15.6
54	12.7	8.5	12.7#
68	7.9	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

Tgt Ion:	82	Resp:	1849
Ion Ratio	Lower	Upper	
82	100		
128	34.4	34.0	51.0
54	73.6	55.0	82.4

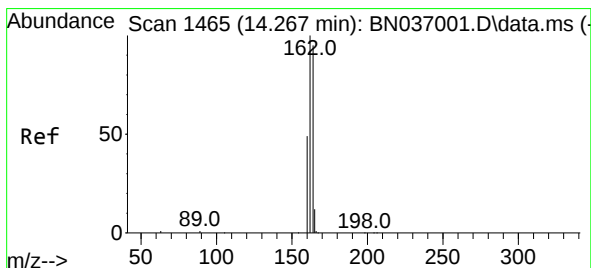
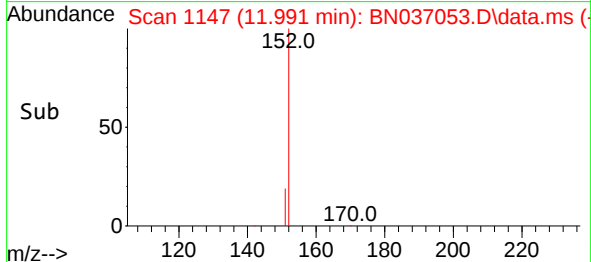
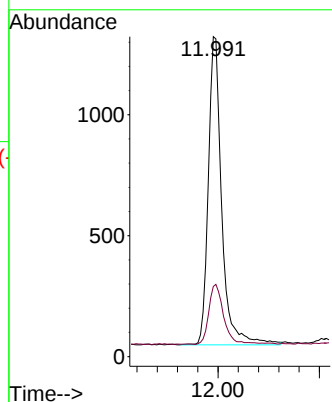
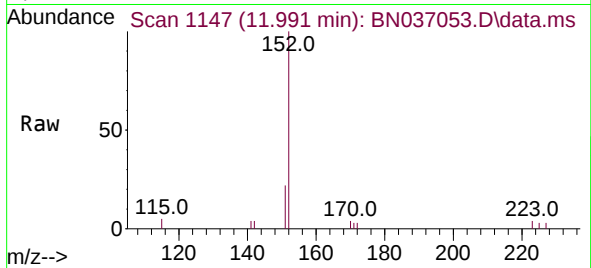




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

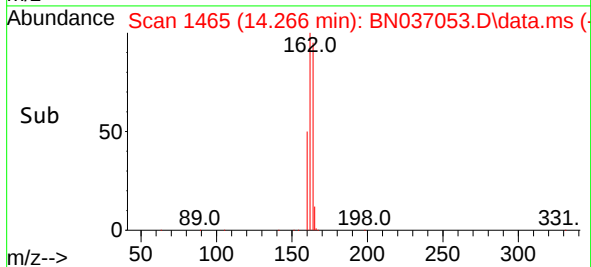
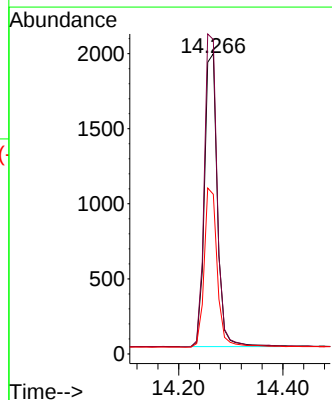
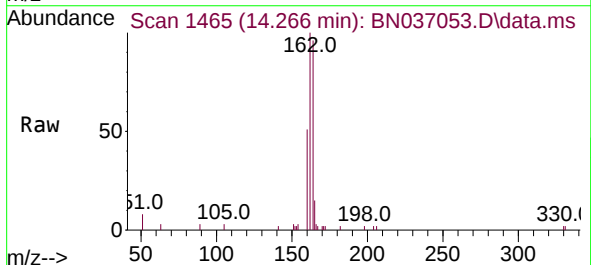
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250514

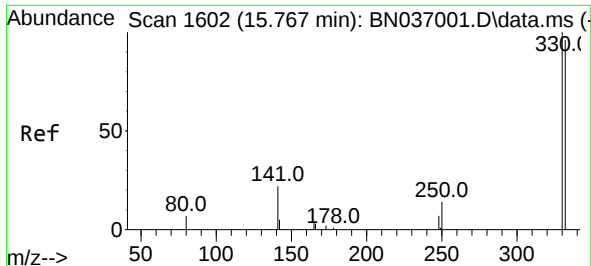
Tgt Ion:152 Resp: 2344
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

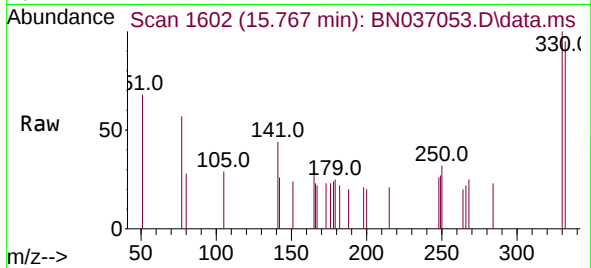
Tgt Ion:164 Resp: 3363
Ion Ratio Lower Upper
164 100
162 104.7 84.2 126.4
160 53.1 42.6 63.8



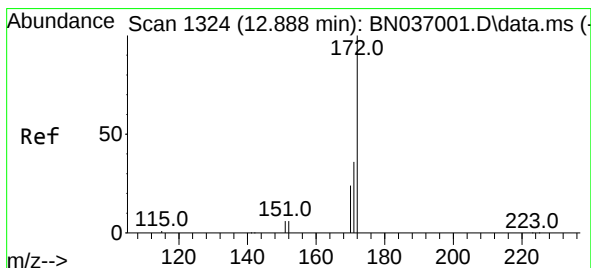
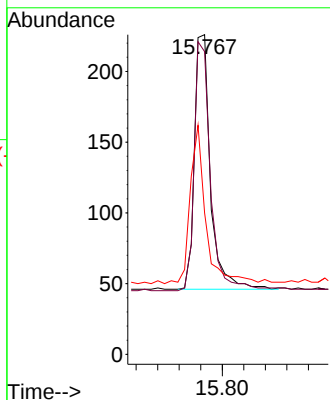
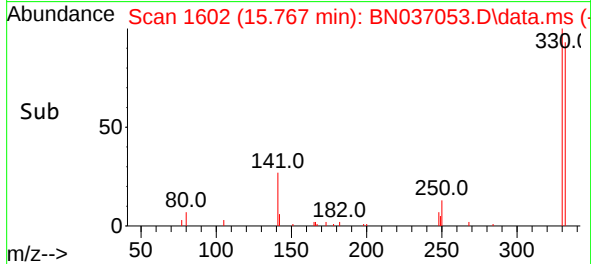


#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.767 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

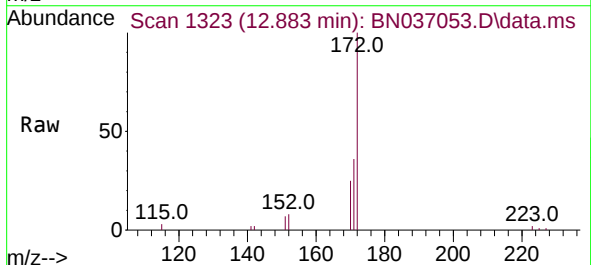
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250514



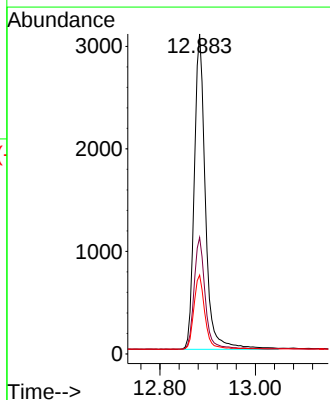
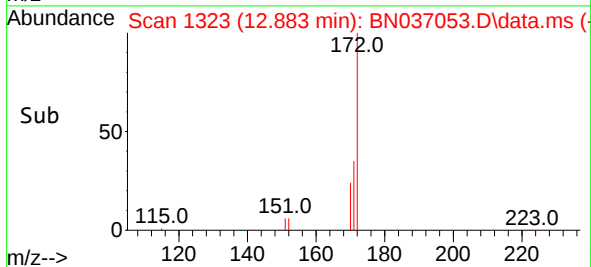
Tgt Ion:330 Resp: 374
Ion Ratio Lower Upper
330 100
332 98.9 73.8 110.8
141 60.7 43.9 65.9

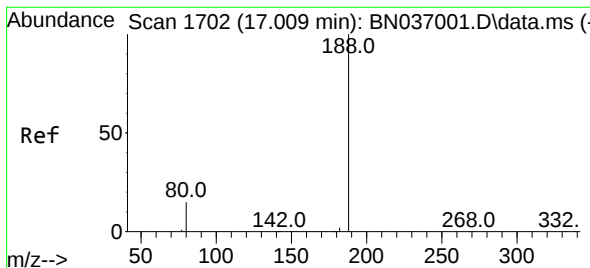


#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52



Tgt Ion:172 Resp: 5569
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.6 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.008 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250514

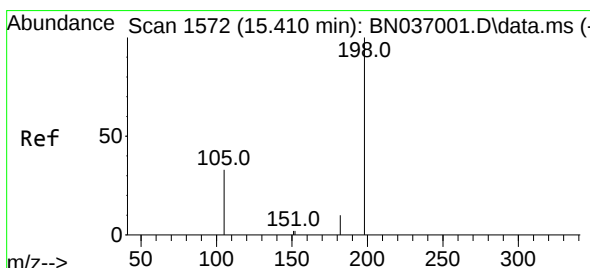
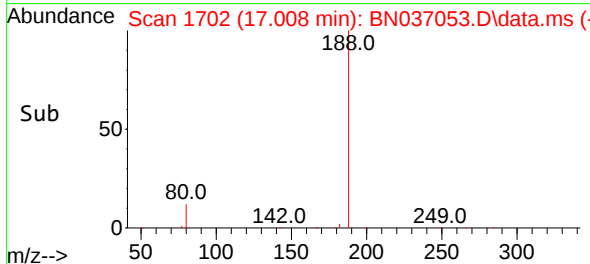
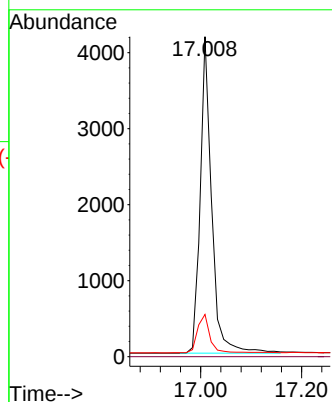
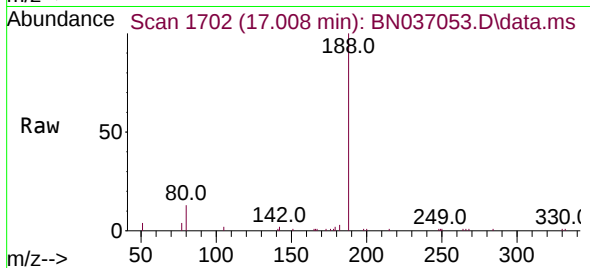
Tgt Ion:188 Resp: 6576

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.024 ng

RT: 15.400 min Scan# 1571

Delta R.T. -0.010 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

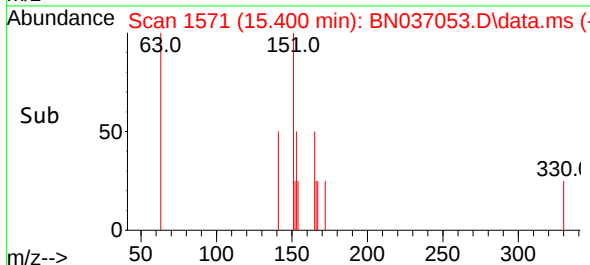
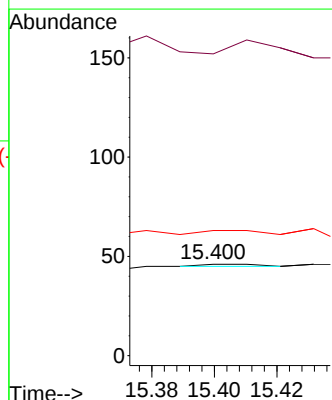
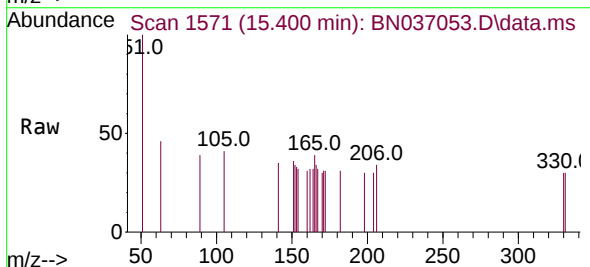
Tgt Ion:198 Resp: 1

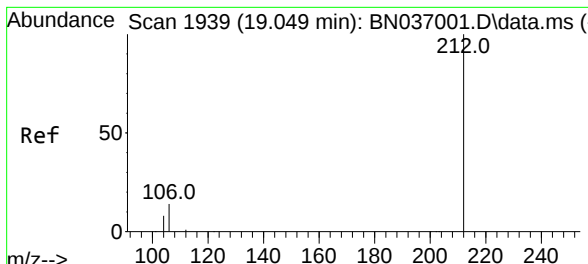
Ion Ratio Lower Upper

198 100

51 330.4 87.8 131.6#

105 137.0 44.2 66.4#

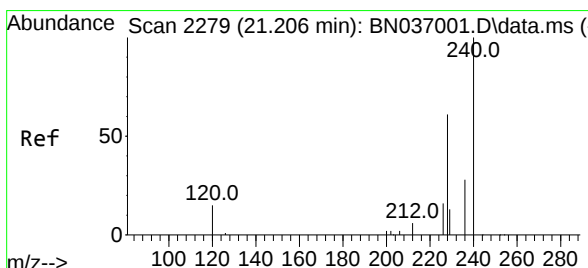
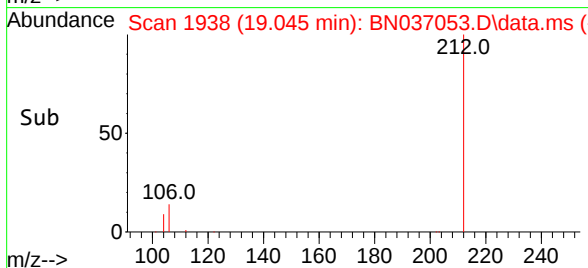
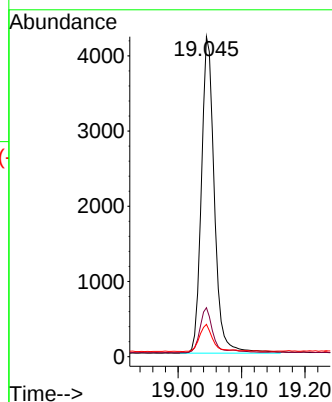
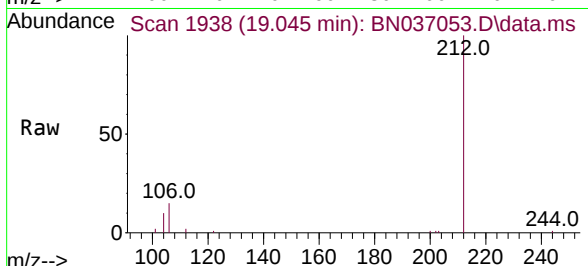




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

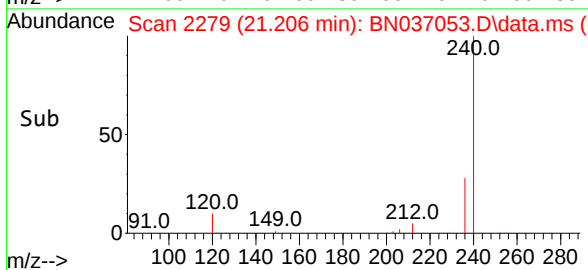
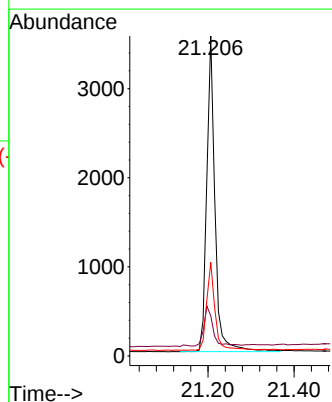
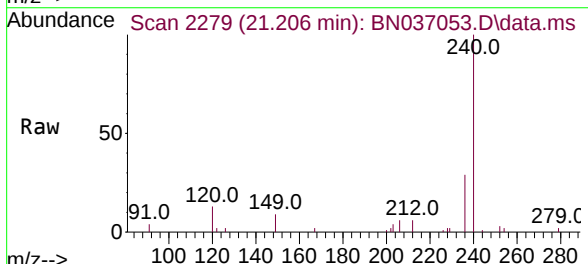
Instrument :
BNA_N
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RW7-SP201-20250514

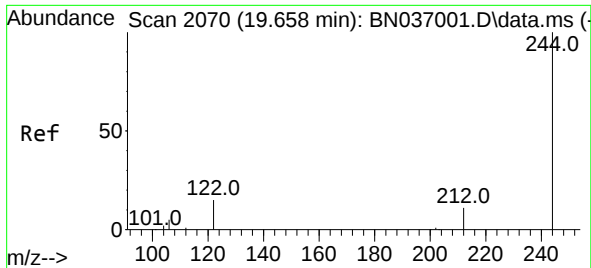
Tgt Ion:212 Resp: 5992
Ion Ratio Lower Upper
212 100
106 13.5 11.3 16.9
104 9.0 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

Tgt Ion:240 Resp: 4753
Ion Ratio Lower Upper
240 100
120 12.6 15.1 22.7#
236 29.2 24.0 36.0

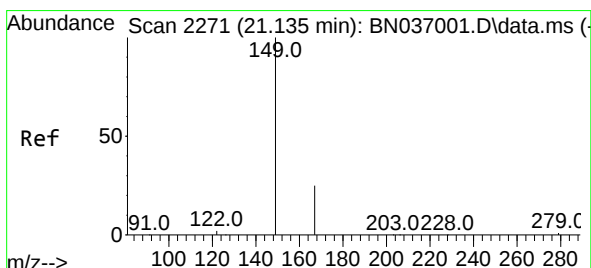
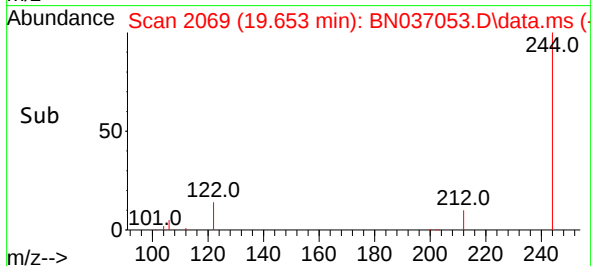
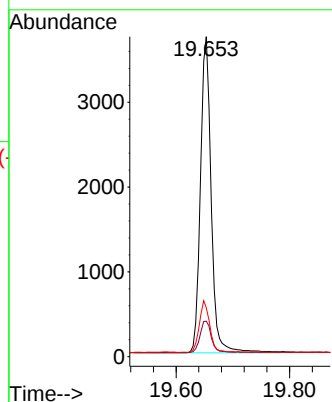
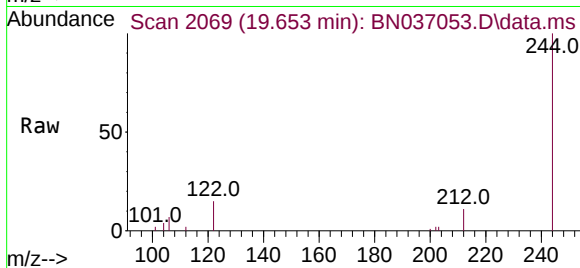




#31
 Terphenyl-d14
 Concen: 0.482 ng
 RT: 19.653 min Scan# 2070
 Delta R.T. -0.005 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

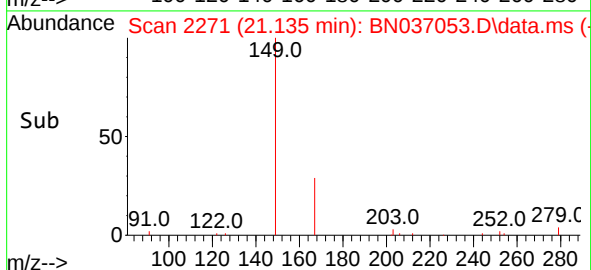
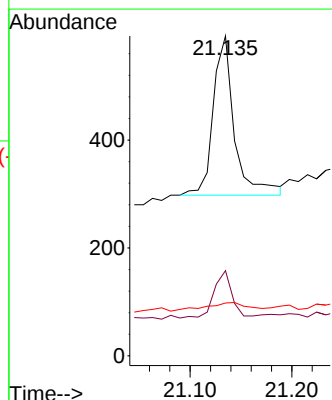
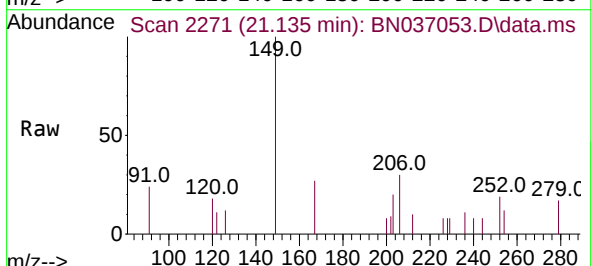
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250514

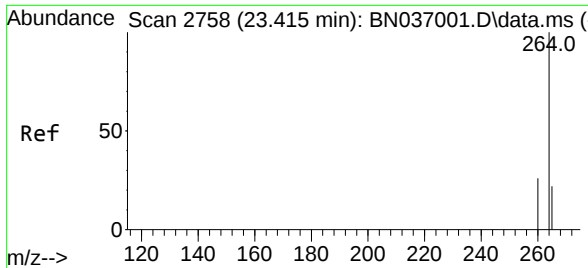
Tgt Ion:244 Resp: 4896
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.7 14.5
 122 15.3 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Tgt Ion:149 Resp: 426
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.6 30.8
 279 10.8 2.6 3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037053.D
Acq: 19 May 2025 19:52

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250514

Tgt Ion:	264	Resp:	3989
Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.9	32.9
265	70.1	51.6	77.4

