

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037917.D
 Acq On : 26 Sep 2025 08:55
 Operator : RC/JU
 Sample : Q3156-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 09:24:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

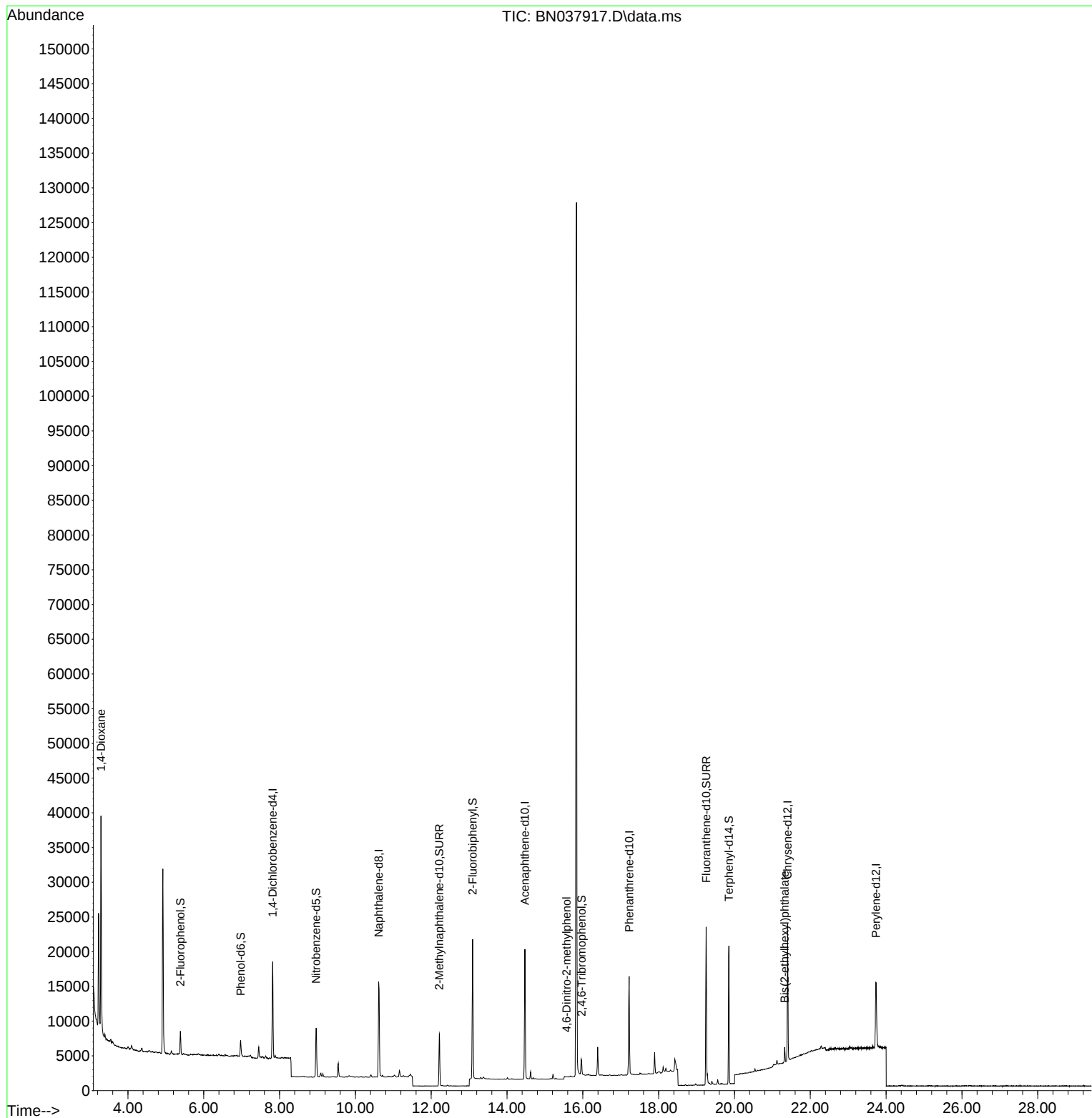
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6652	0.400	ng	0.00
7) Naphthalene-d8	10.615	136	19099	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	9587	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	19938	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16744	0.400	ng	0.00
35) Perylene-d12	23.733	264	13944	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2596	0.171	ng	0.00
5) Phenol-d6	6.973	99	2000	0.100	ng	0.00
8) Nitrobenzene-d5	8.961	82	5934	0.407	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10225	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1419	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	16815	0.428	ng	0.00
27) Fluoranthene-d10	19.252	212	25257	0.504	ng	0.00
31) Terphenyl-d14	19.852	244	18332	0.550	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	19052	2.821	ng	99
20) 4,6-Dinitro-2-methylph...	15.572	198	2	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	2502	0.108	ng	97

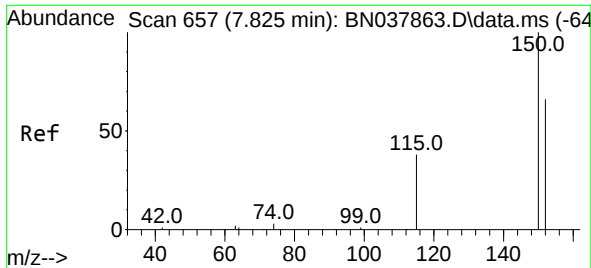
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
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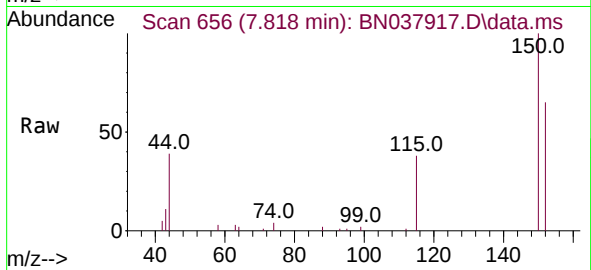
Quant Time: Sep 26 09:24:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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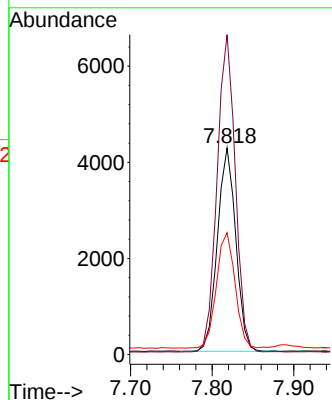
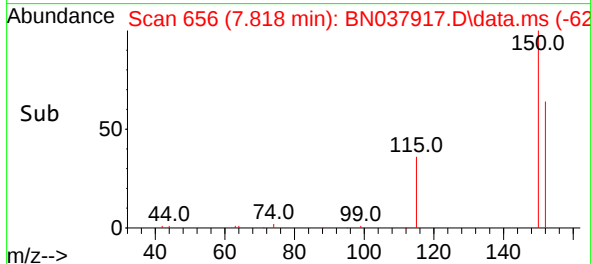


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037917.D
 Acq: 26 Sep 2025 08:55

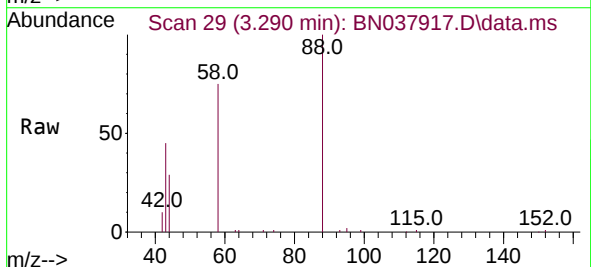
Instrument :
 BNA_N
 ClientSampleId :



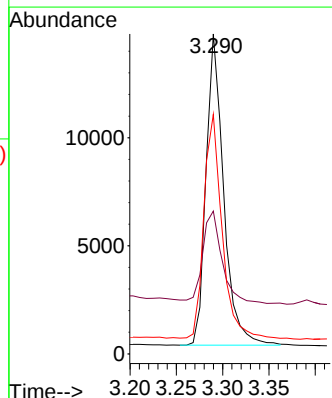
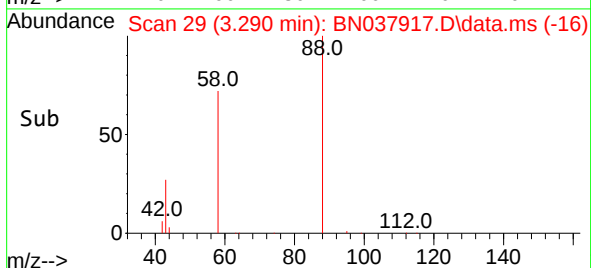
Tgt Ion:152 Resp: 6652
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.0 181.4
 115 59.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 2.821 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037917.D
 Acq: 26 Sep 2025 08:55



Tgt Ion: 88 Resp: 19052
 Ion Ratio Lower Upper
 88 100
 43 32.5 26.6 39.8
 58 73.8 58.9 88.3





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.384 min Scan# 31

Delta R.T. -0.000 min

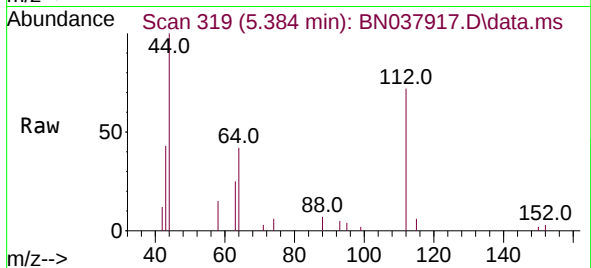
Lab File: BN037917.D

Acq: 26 Sep 2025 08:55

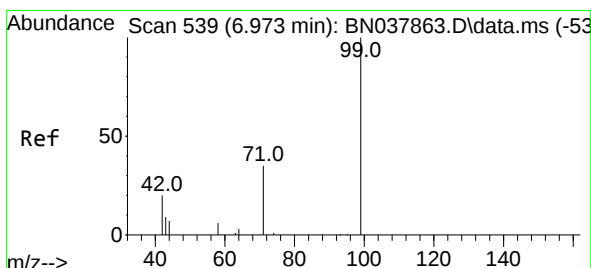
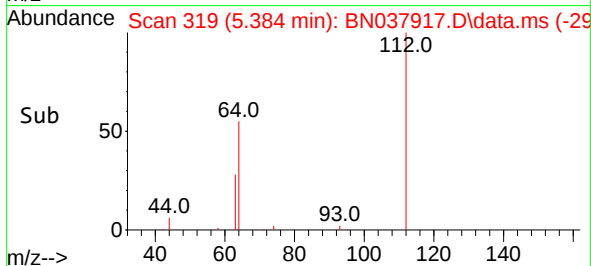
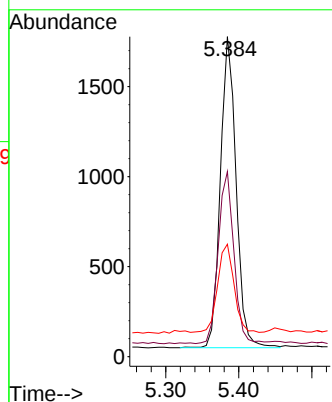
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	112	Resp:	2596
Ion Ratio	Lower	Upper	
112	100		
64	55.0	44.6	66.8
63	29.6	24.9	37.3



#5

Phenol-d6

Concen: 0.100 ng

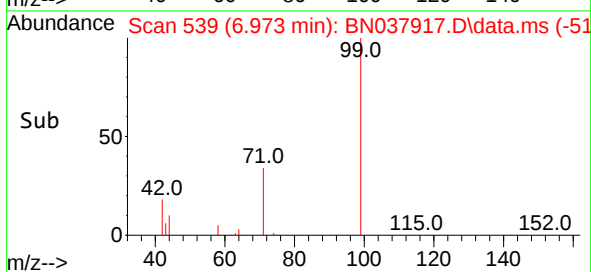
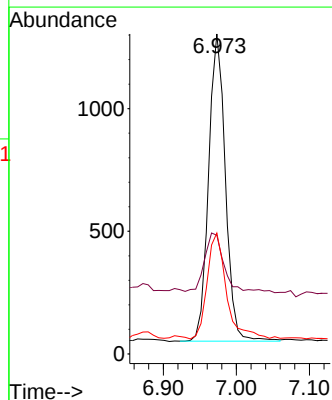
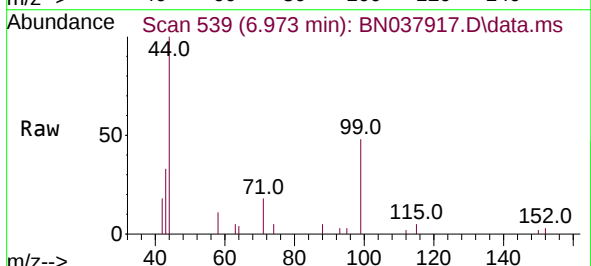
RT: 6.973 min Scan# 539

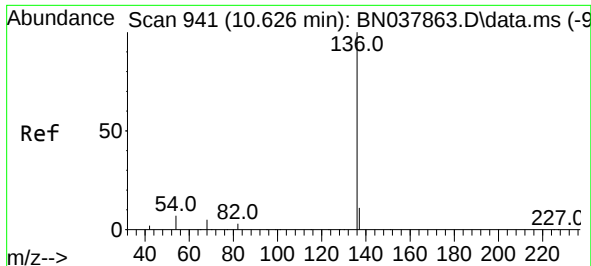
Delta R.T. -0.000 min

Lab File: BN037917.D

Acq: 26 Sep 2025 08:55

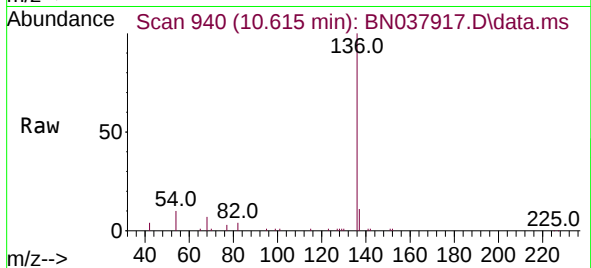
Tgt Ion:	99	Resp:	2000
Ion Ratio	Lower	Upper	
99	100		
42	30.4	17.2	25.8
71	39.8	27.3	40.9



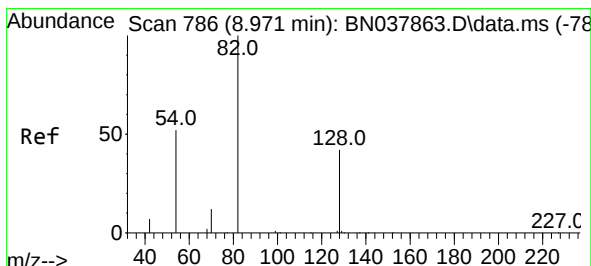
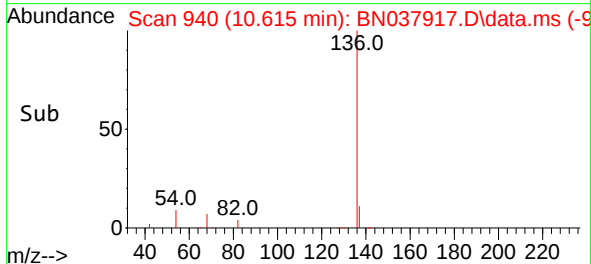
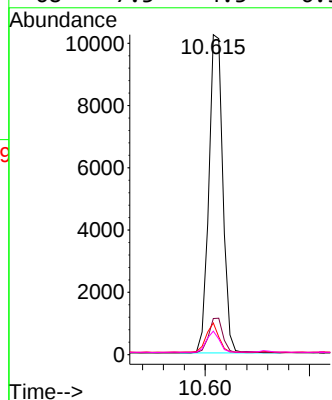


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037917.D
Acq: 26 Sep 2025 08:55

Instrument :
BNA_N
ClientSampleId :

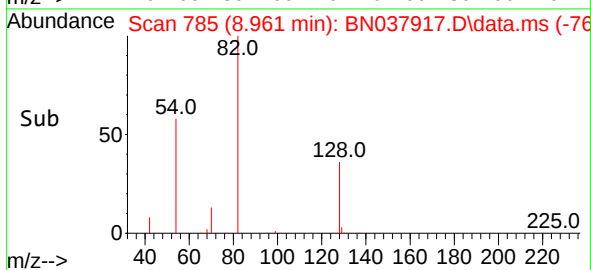
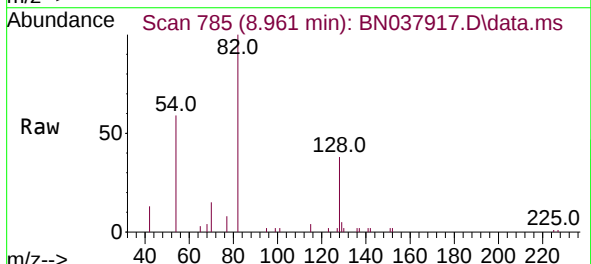
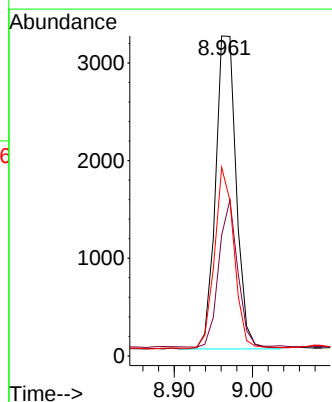


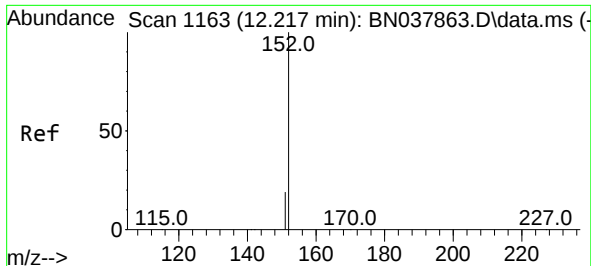
Tgt Ion:136 Resp: 19099
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.9 5.8 8.8#
68 7.3 4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037917.D
Acq: 26 Sep 2025 08:55

Tgt Ion: 82 Resp: 5934
Ion Ratio Lower Upper
82 100
128 37.7 34.8 52.2
54 58.9 42.2 63.2

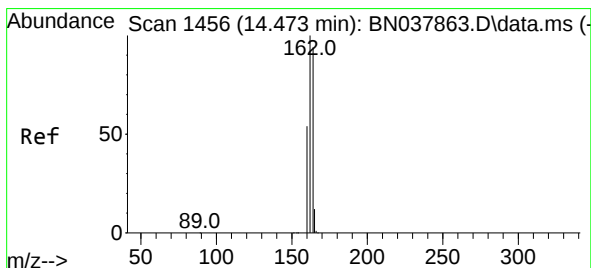
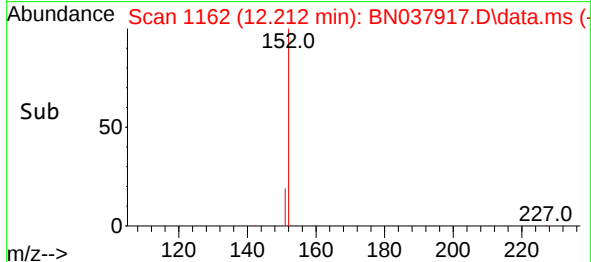
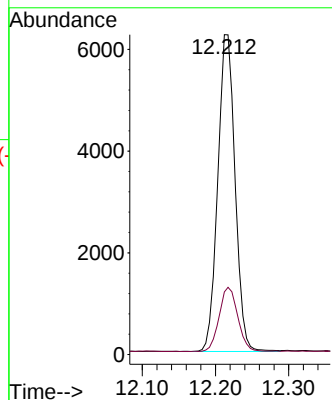
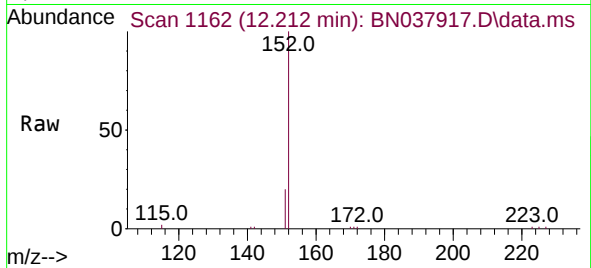




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037917.D
Acq: 26 Sep 2025 08:55

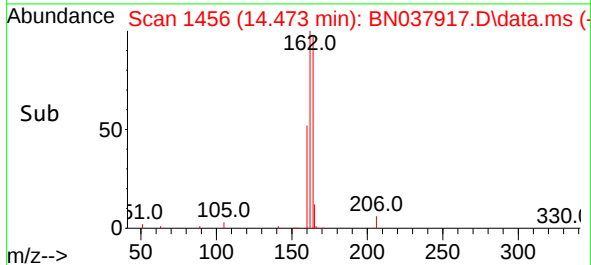
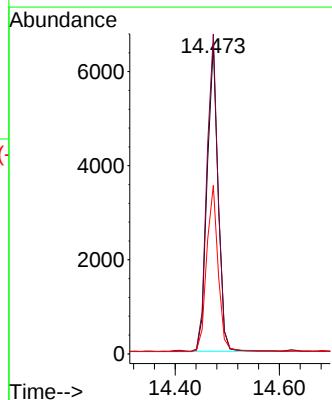
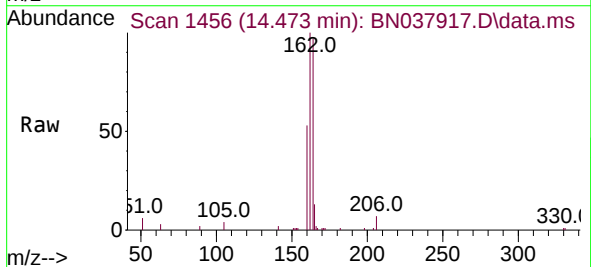
Instrument :
BNA_N
ClientSampleId :

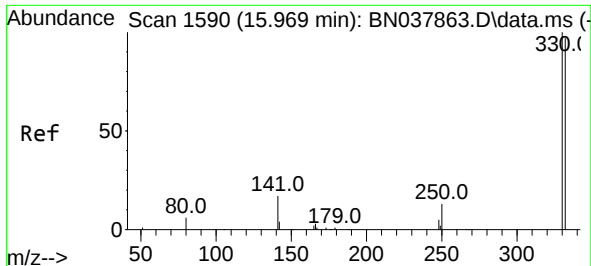
Tgt Ion:152 Resp: 10225
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037917.D
Acq: 26 Sep 2025 08:55

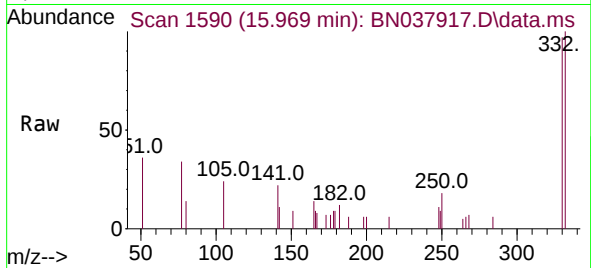
Tgt Ion:164 Resp: 9587
Ion Ratio Lower Upper
164 100
162 103.4 84.8 127.2
160 54.4 46.1 69.1



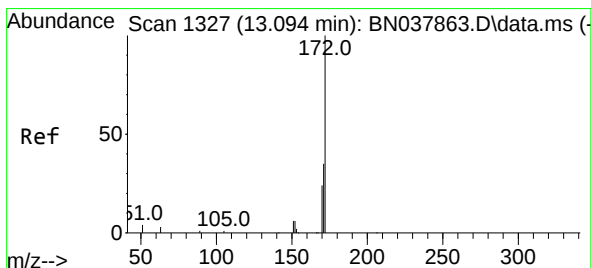
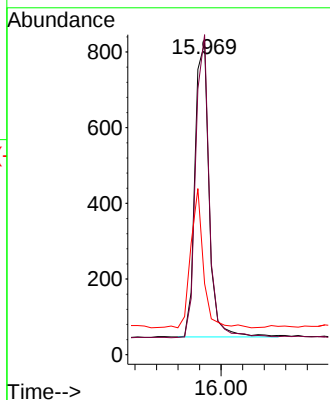
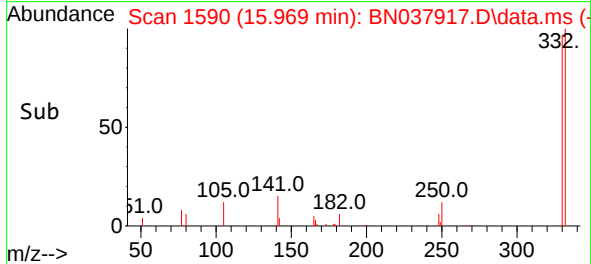


#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037917.D
 Acq: 26 Sep 2025 08:55

Instrument :
 BNA_N
 ClientSampleId :

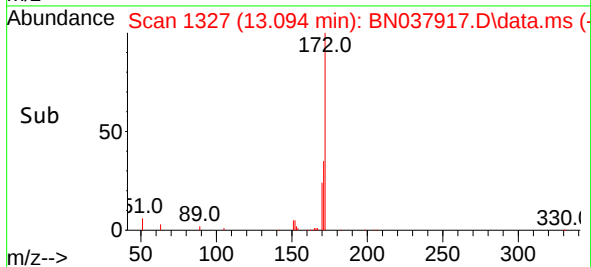
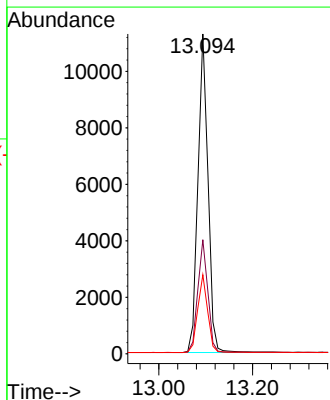
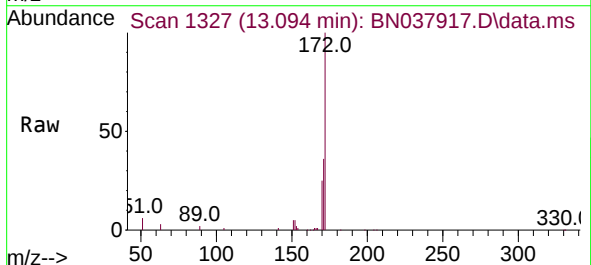


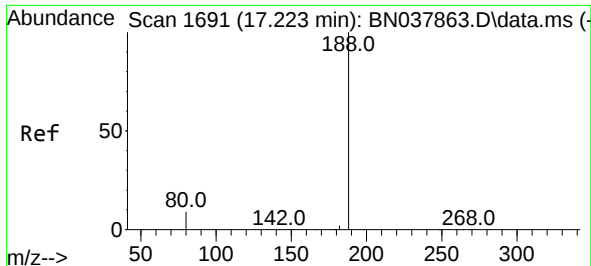
Tgt Ion:330 Resp: 1419
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.2 115.8
 141 43.2 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.428 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037917.D
 Acq: 26 Sep 2025 08:55

Tgt Ion:172 Resp: 16815
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.7 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1

Delta R.T. -0.000 min

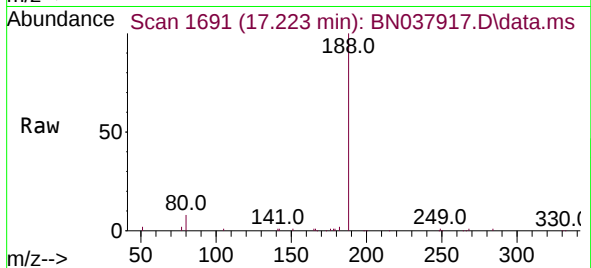
Lab File: BN037917.D

Acq: 26 Sep 2025 08:55

Instrument :

BNA_N

ClientSampleId :



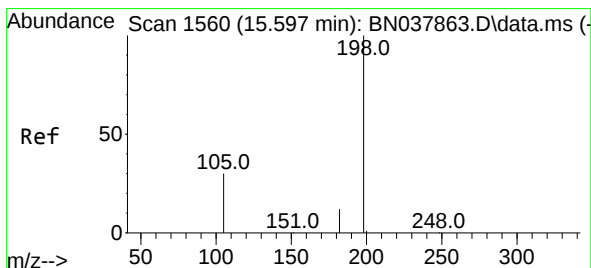
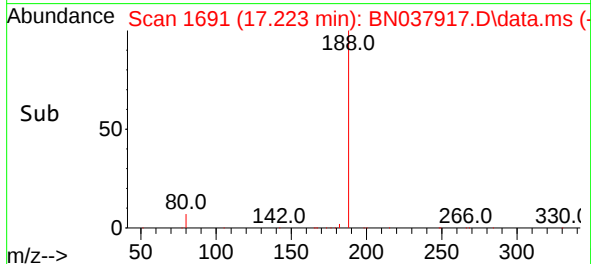
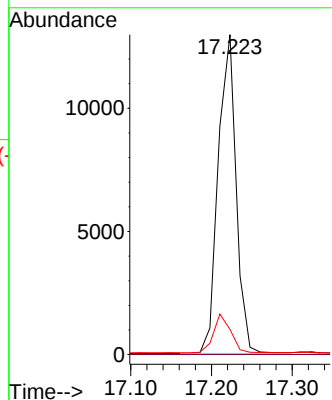
Tgt Ion:188 Resp: 19938

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 7.6 11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.068 ng

RT: 15.572 min Scan# 1558

Delta R.T. -0.025 min

Lab File: BN037917.D

Acq: 26 Sep 2025 08:55

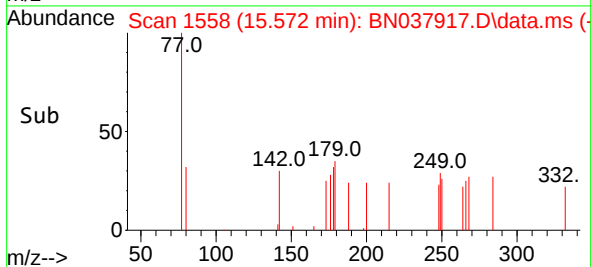
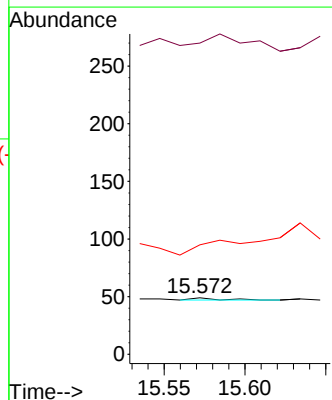
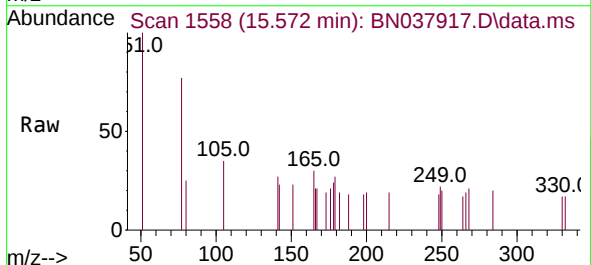
Tgt Ion:198 Resp: 2

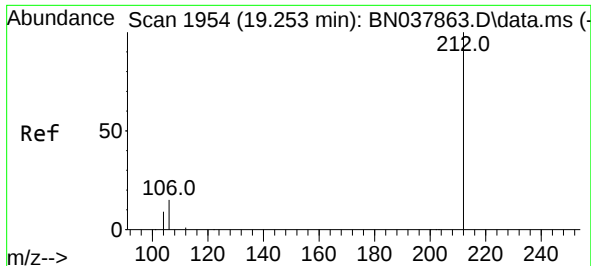
Ion Ratio Lower Upper

198 100

51 551.0 59.1 88.7#

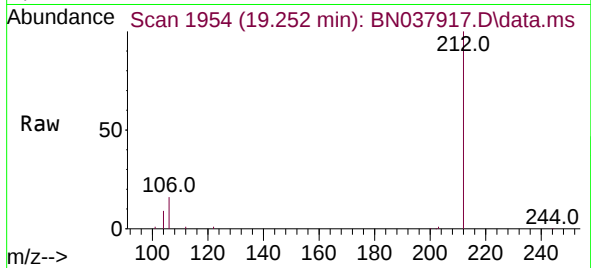
105 193.9 41.3 61.9#



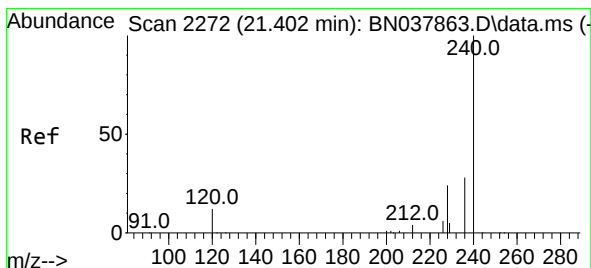
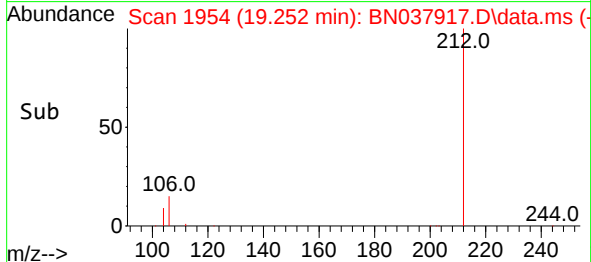
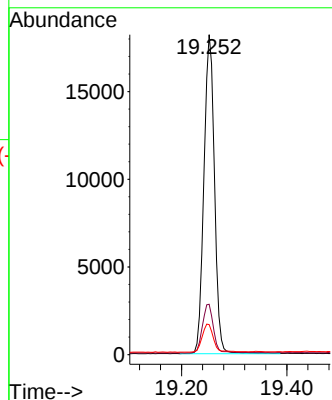


#27
Fluoranthene-d10
Concen: 0.504 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037917.D
Acq: 26 Sep 2025 08:55

Instrument :
BNA_N
ClientSampleId :

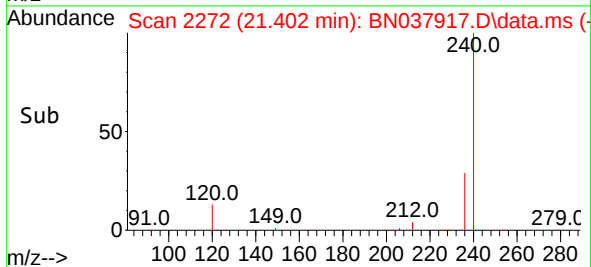
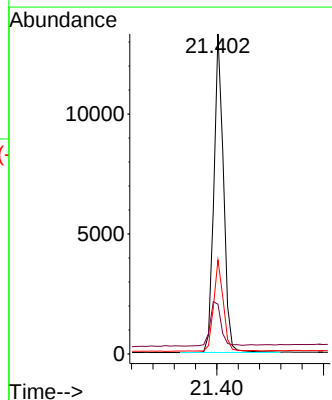
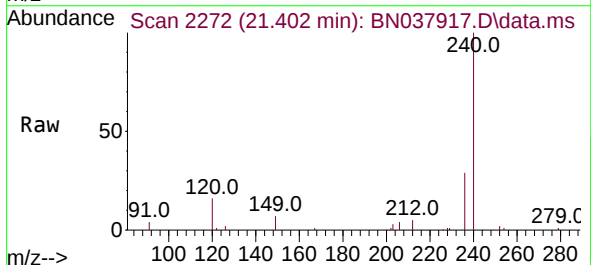


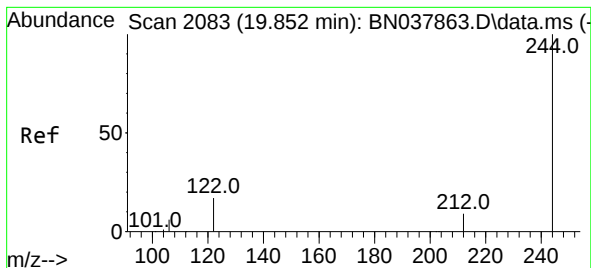
Tgt Ion:212 Resp: 25257
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.4 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037917.D
Acq: 26 Sep 2025 08:55

Tgt Ion:240 Resp: 16744
Ion Ratio Lower Upper
240 100
120 15.5 11.4 17.2
236 29.4 23.0 34.6





#31

Terphenyl-d14

Concen: 0.550 ng

RT: 19.852 min Scan# 2083

Delta R.T. -0.000 min

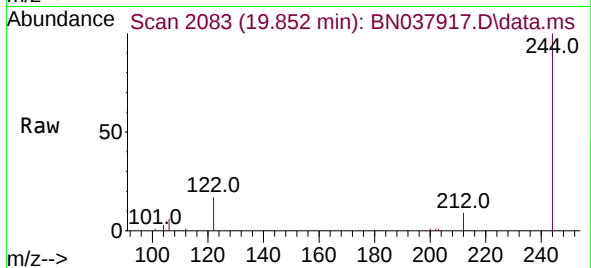
Lab File: BN037917.D

Acq: 26 Sep 2025 08:55

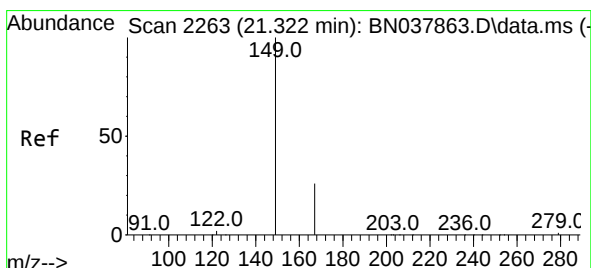
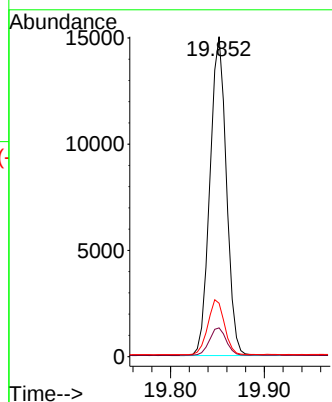
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:244	Resp:	18332
Ion Ratio	Lower	Upper
244	100	
212	9.0	7.6 11.4
122	16.7	13.9 20.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.108 ng

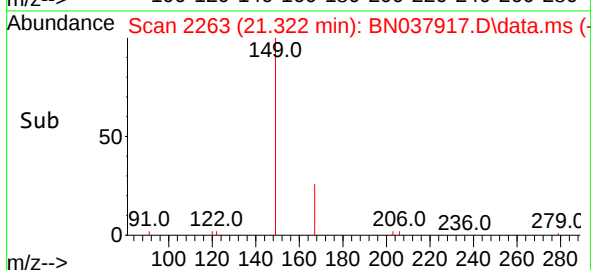
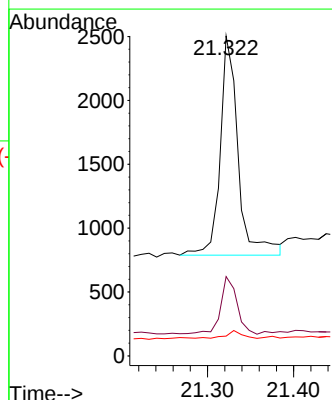
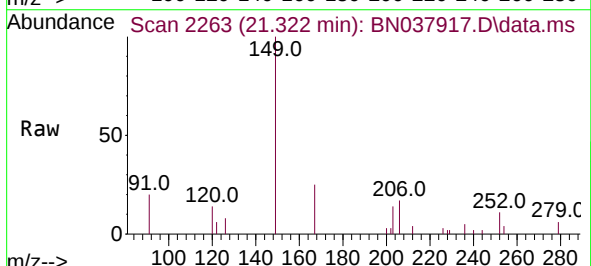
RT: 21.322 min Scan# 2263

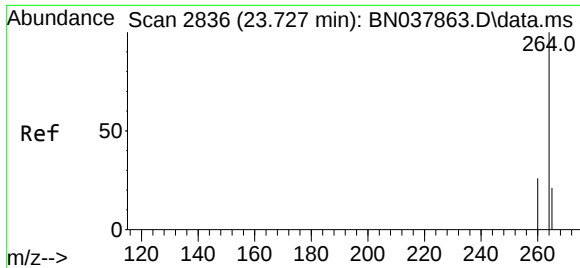
Delta R.T. -0.000 min

Lab File: BN037917.D

Acq: 26 Sep 2025 08:55

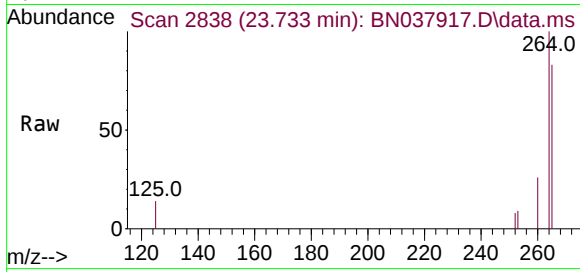
Tgt Ion:149	Resp:	2502
Ion Ratio	Lower	Upper
149	100	
167	23.9	20.4 30.6
279	3.1	2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BN037917.D
Acq: 26 Sep 2025 08:55

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	13944
Ion Ratio	Lower	Upper	
264	100		
260	26.4	21.5	32.3
265	83.3	53.8	80.6#

