

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037916.D
 Acq On : 26 Sep 2025 08:19
 Operator : RC/JU
 Sample : Q3156-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 08:44:30 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

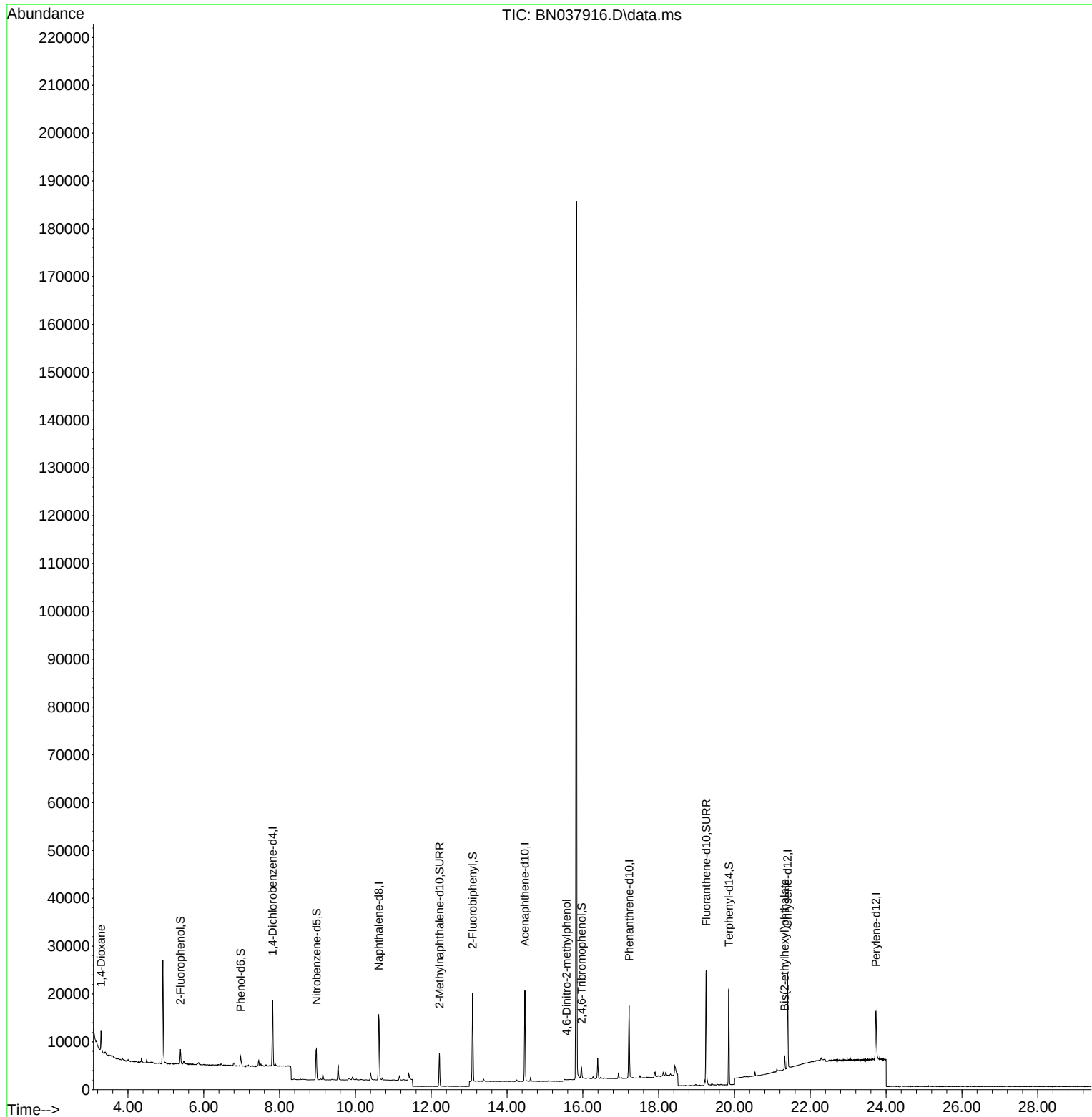
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6549	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	18878	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	9985	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	20629	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16995	0.400	ng	0.00
35) Perylene-d12	23.733	264	14398	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2416	0.162	ng	0.00
5) Phenol-d6	6.973	99	1780	0.091	ng	0.00
8) Nitrobenzene-d5	8.971	82	5480	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9418	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1477	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15214	0.372	ng	0.00
27) Fluoranthene-d10	19.252	212	26271	0.506	ng	0.00
31) Terphenyl-d14	19.852	244	18371	0.543	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	2803	0.422	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.572	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	3057	0.130	ng	# 98

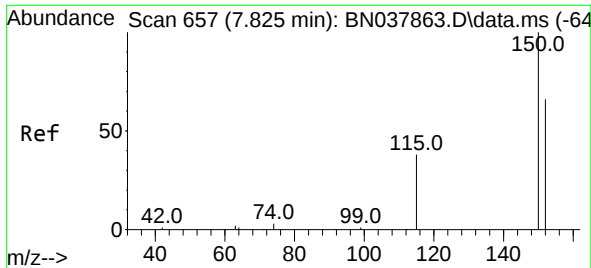
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
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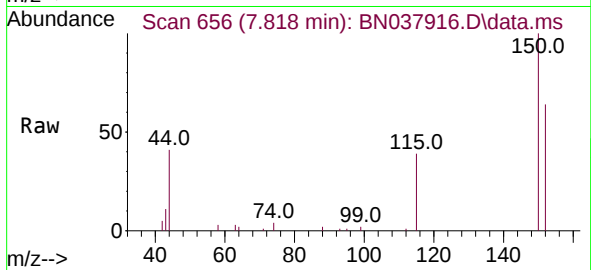
Quant Time: Sep 26 08:44:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



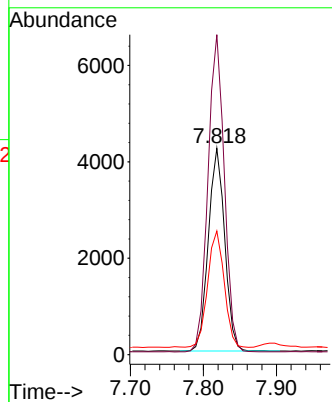
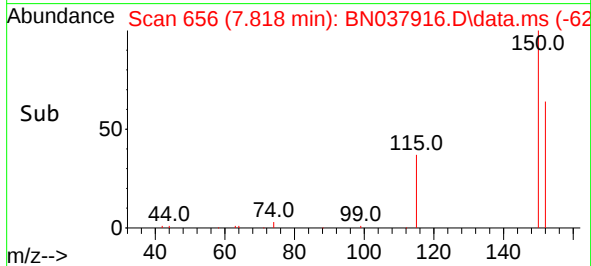


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037916.D
 Acq: 26 Sep 2025 08:19

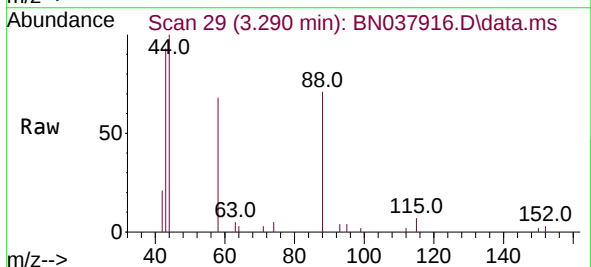
Instrument :
 BNA_N
 ClientSampleId :



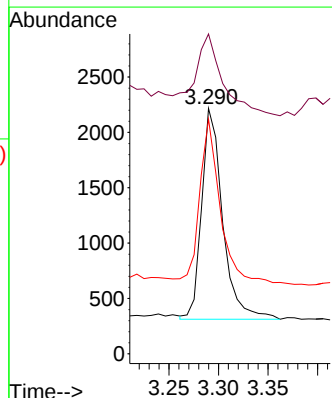
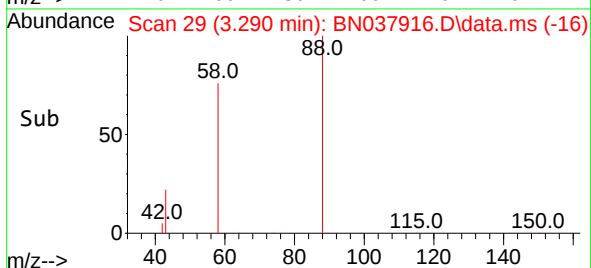
Tgt Ion:152 Resp: 6549
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.0 181.4
 115 59.9 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.422 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037916.D
 Acq: 26 Sep 2025 08:19



Tgt Ion: 88 Resp: 2803
 Ion Ratio Lower Upper
 88 100
 43 53.4 26.6 39.8#
 58 74.3 58.9 88.3





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.384 min Scan# 31

Delta R.T. -0.000 min

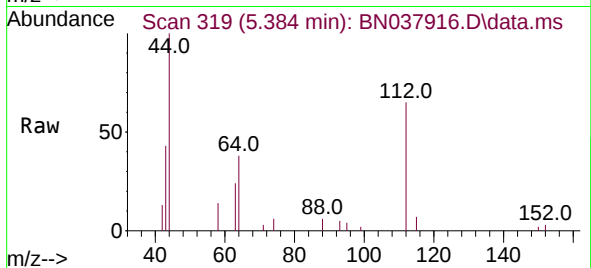
Lab File: BN037916.D

Acq: 26 Sep 2025 08:19

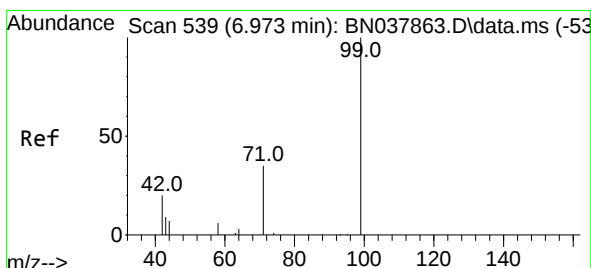
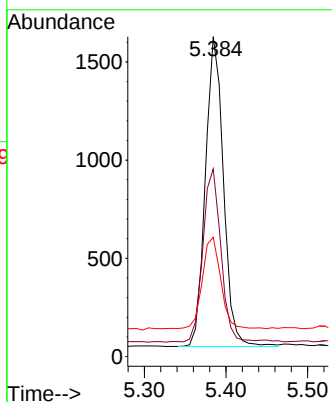
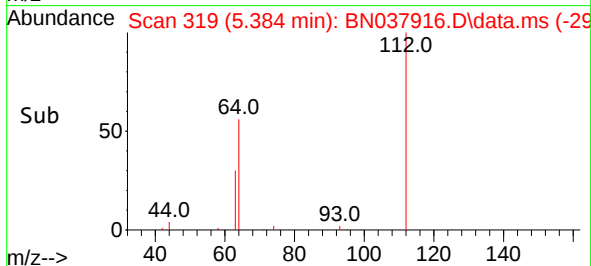
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	112	Resp:	2416
Ion Ratio	Lower	Upper	
112	100		
64	55.7	44.6	66.8
63	29.9	24.9	37.3



#5

Phenol-d6

Concen: 0.091 ng

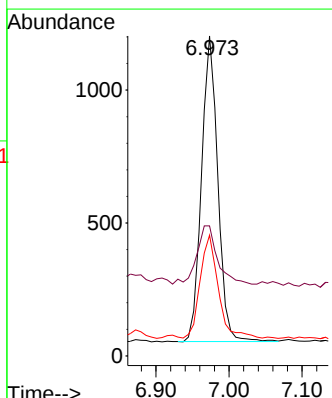
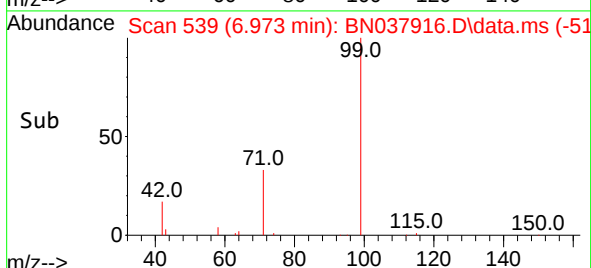
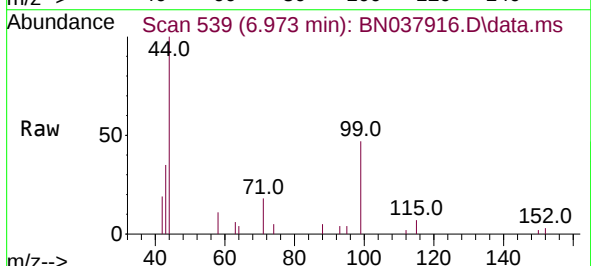
RT: 6.973 min Scan# 539

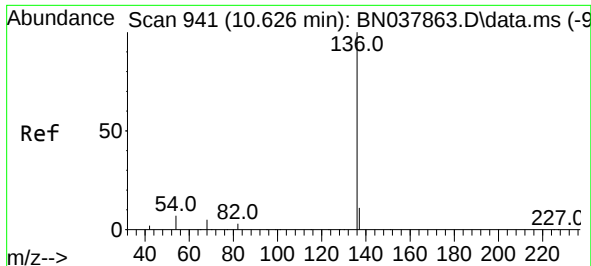
Delta R.T. -0.000 min

Lab File: BN037916.D

Acq: 26 Sep 2025 08:19

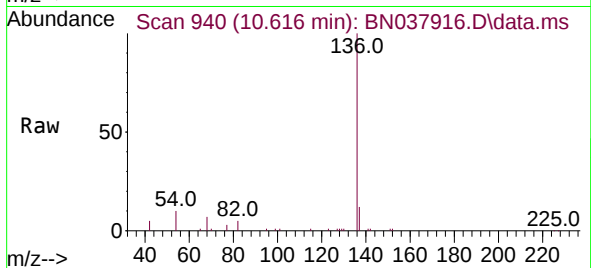
Tgt Ion:	99	Resp:	1780
Ion Ratio	Lower	Upper	
99	100		
42	24.2	17.2	25.8
71	37.3	27.3	40.9



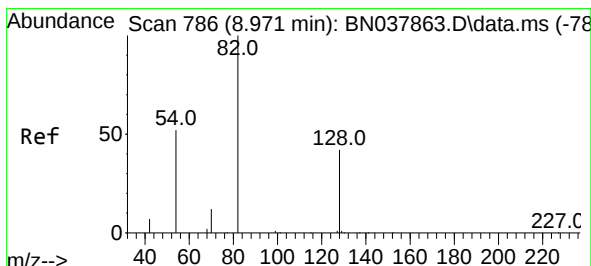
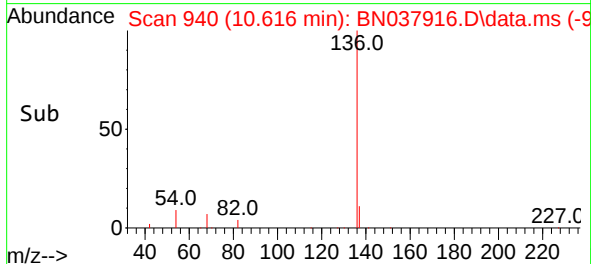
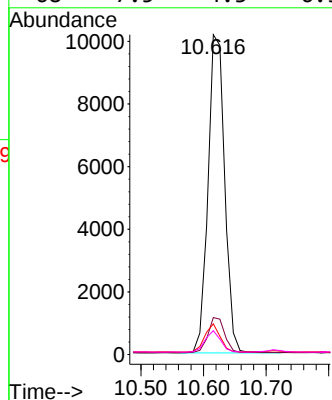


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037916.D
Acq: 26 Sep 2025 08:19

Instrument :
BNA_N
ClientSampleId :

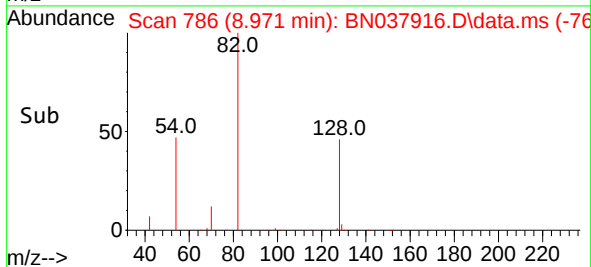
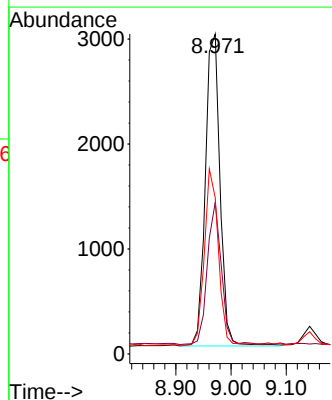
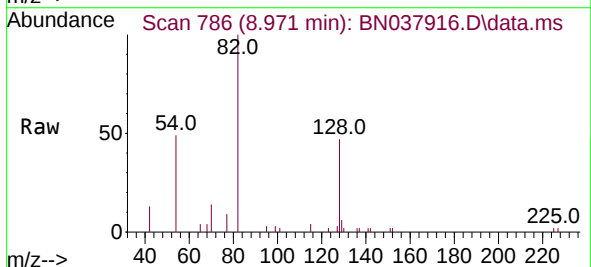


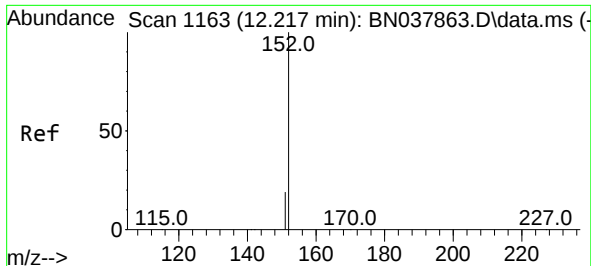
Tgt Ion:136 Resp: 18878
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 9.6 5.8 8.8#
68 7.5 4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037916.D
Acq: 26 Sep 2025 08:19

Tgt Ion: 82 Resp: 5480
Ion Ratio Lower Upper
82 100
128 47.4 34.8 52.2
54 48.8 42.2 63.2

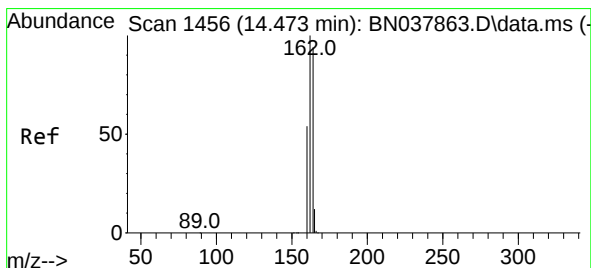
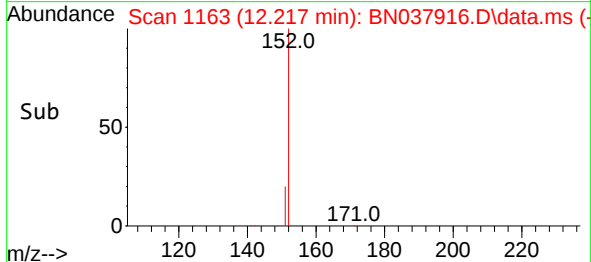
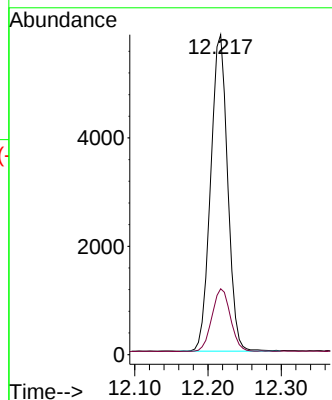
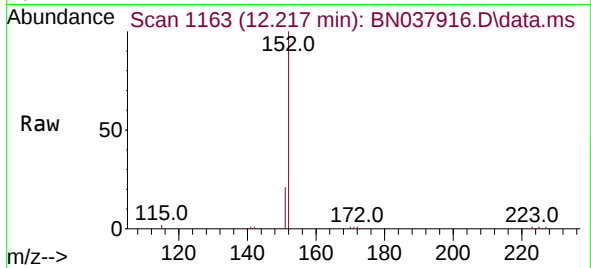




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037916.D
Acq: 26 Sep 2025 08:19

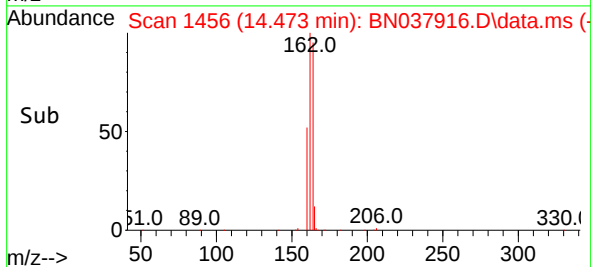
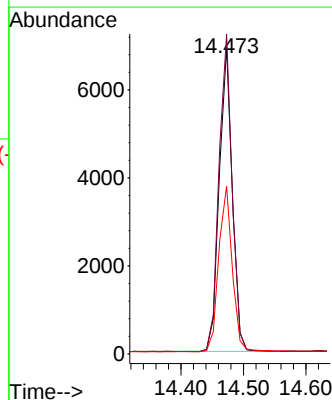
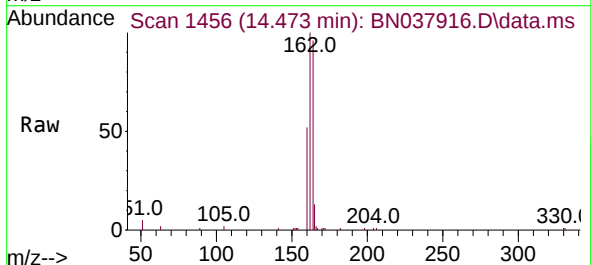
Instrument :
BNA_N
ClientSampleId :

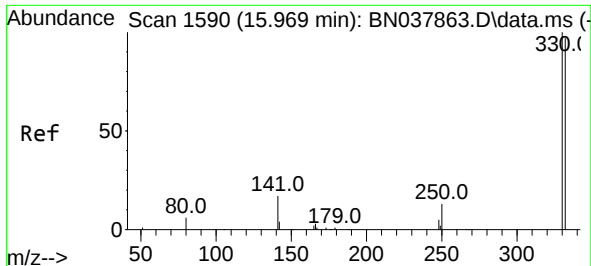
Tgt Ion:152 Resp: 9418
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037916.D
Acq: 26 Sep 2025 08:19

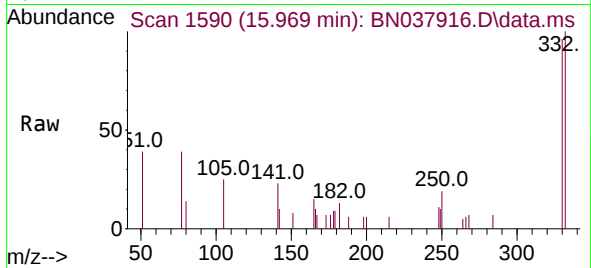
Tgt Ion:164 Resp: 9985
Ion Ratio Lower Upper
164 100
162 104.4 84.8 127.2
160 54.8 46.1 69.1





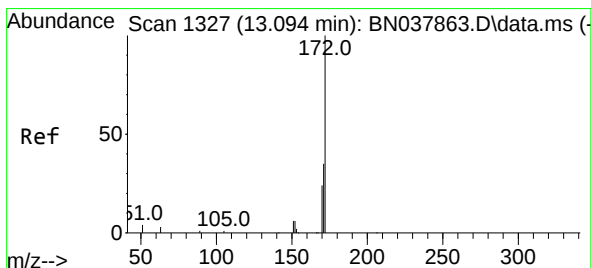
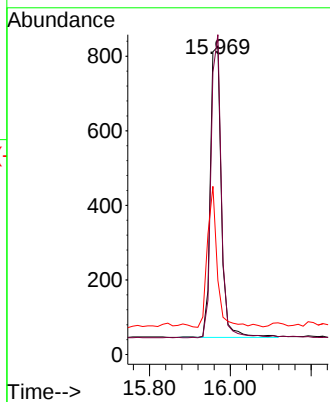
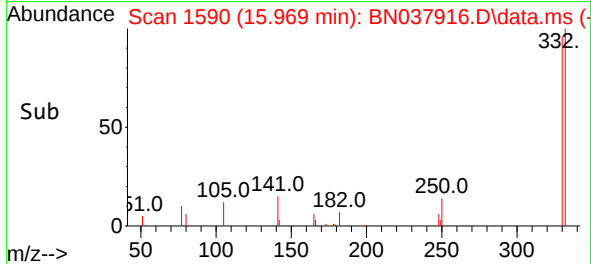
#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037916.D
 Acq: 26 Sep 2025 08:19

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 330 Resp: 1477

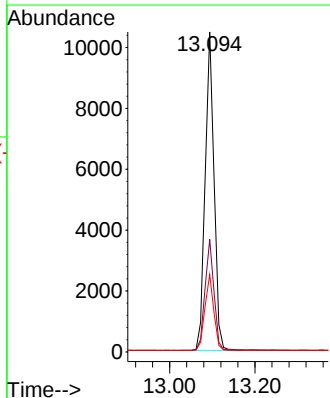
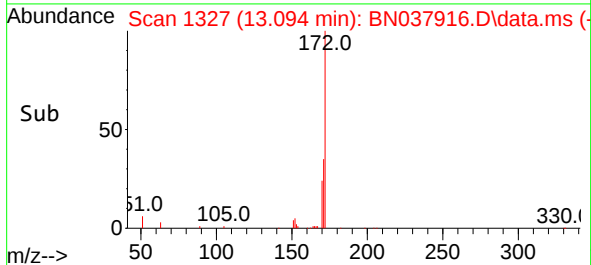
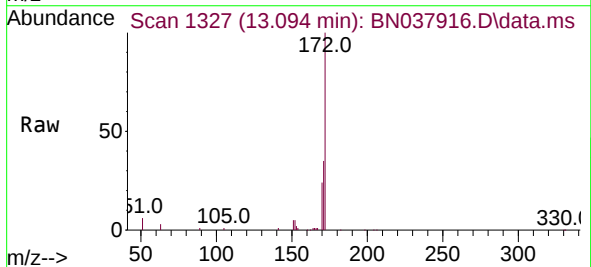
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	43.9	37.2	55.8

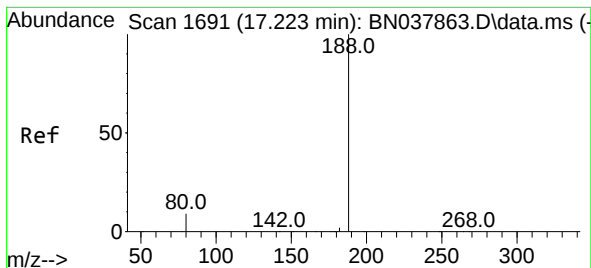


#15
 2-Fluorobiphenyl
 Concen: 0.372 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037916.D
 Acq: 26 Sep 2025 08:19

Tgt Ion: 172 Resp: 15214

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.2	19.7	29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 10

Delta R.T. -0.000 min

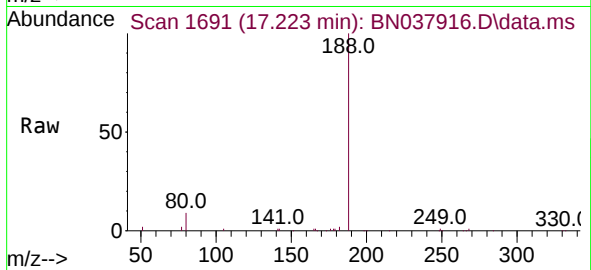
Lab File: BN037916.D

Acq: 26 Sep 2025 08:19

Instrument :

BNA_N

ClientSampleId :



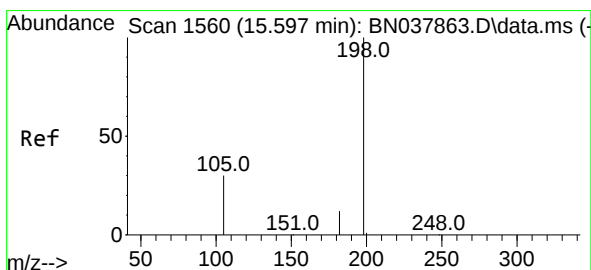
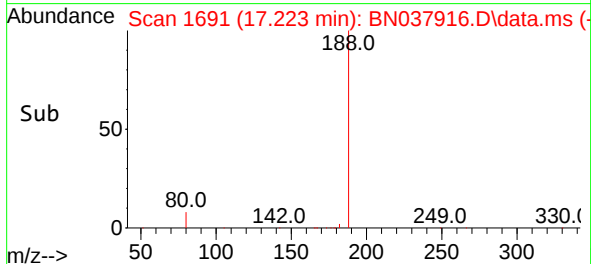
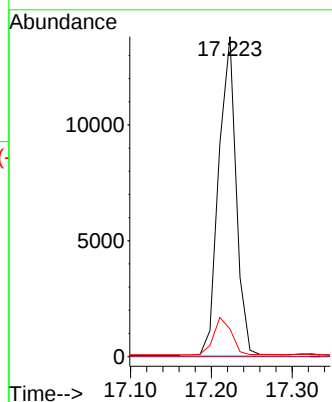
Tgt Ion:188 Resp: 20629

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 7.6 11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.069 ng

RT: 15.572 min Scan# 1558

Delta R.T. -0.025 min

Lab File: BN037916.D

Acq: 26 Sep 2025 08:19

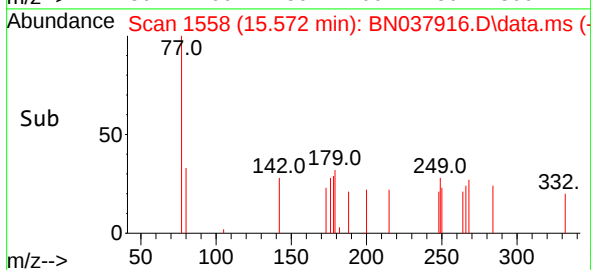
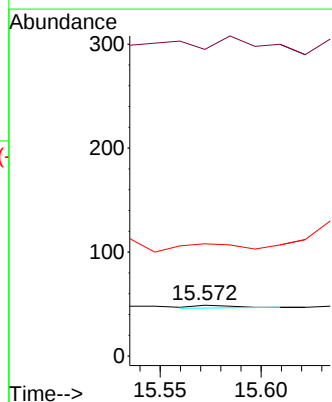
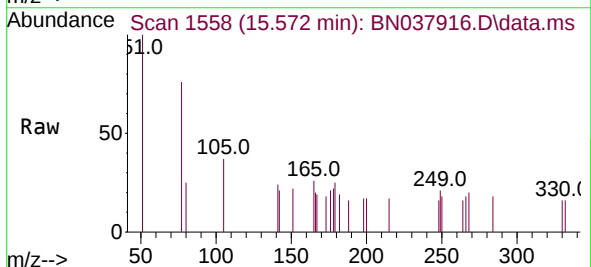
Tgt Ion:198 Resp: 4

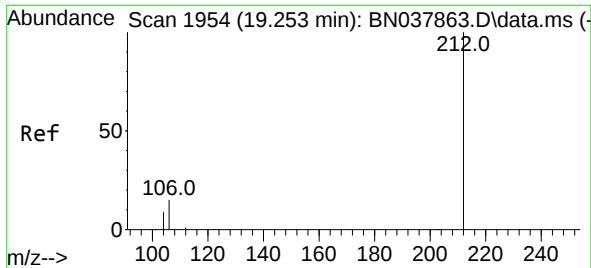
Ion Ratio Lower Upper

198 100

51 602.0 59.1 88.7#

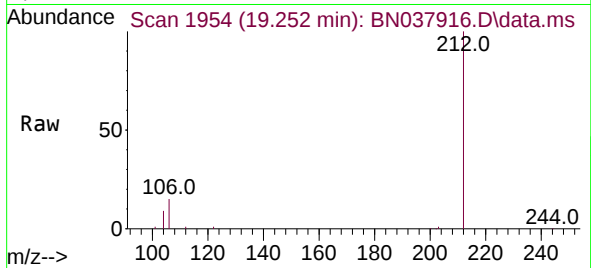
105 220.4 41.3 61.9#



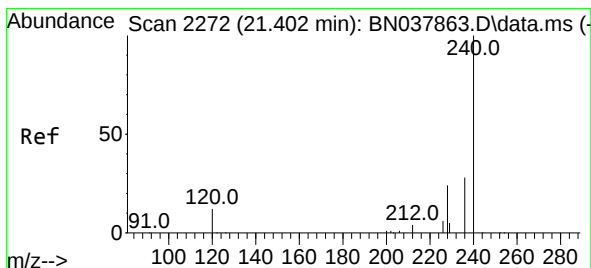
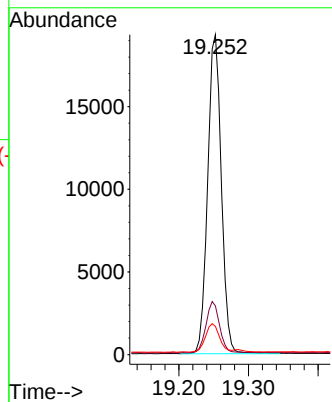
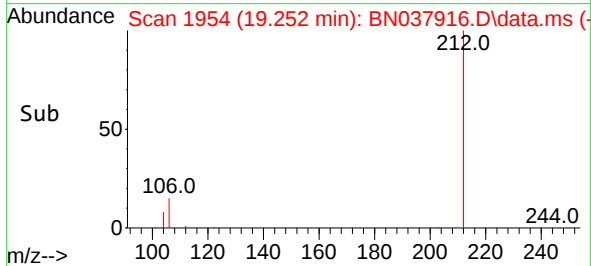


#27
Fluoranthene-d10
Concen: 0.506 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037916.D
Acq: 26 Sep 2025 08:19

Instrument :
BNA_N
ClientSampleId :

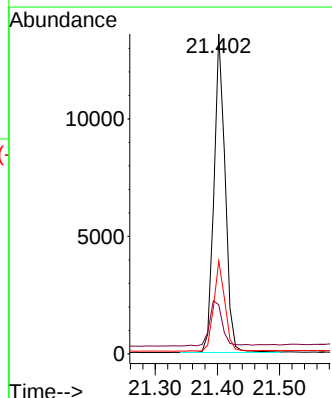
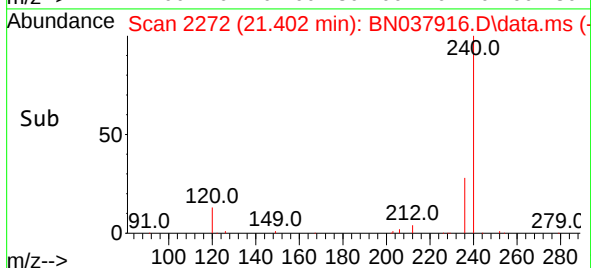
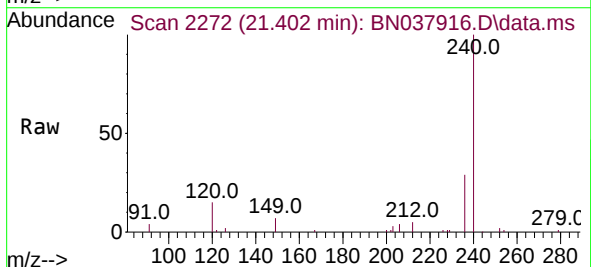


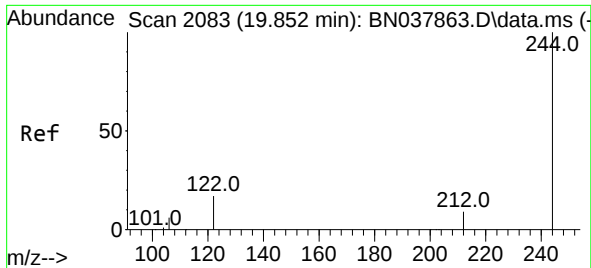
Tgt Ion:212 Resp: 26271
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.1 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037916.D
Acq: 26 Sep 2025 08:19

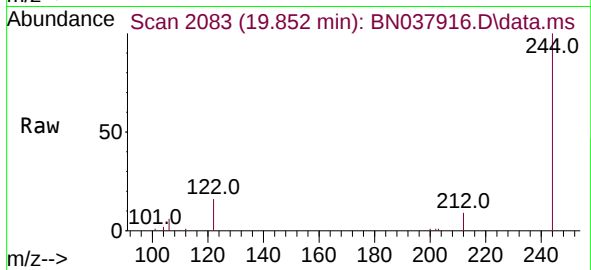
Tgt Ion:240 Resp: 16995
Ion Ratio Lower Upper
240 100
120 15.4 11.4 17.2
236 29.0 23.0 34.6



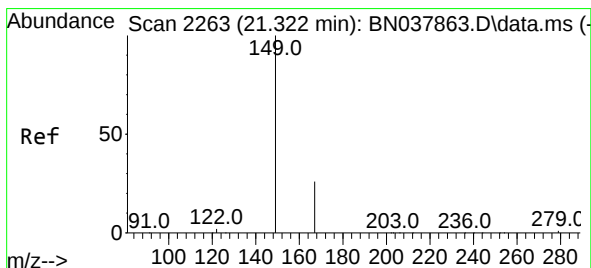
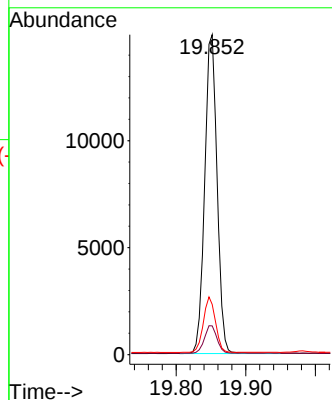


#31
 Terphenyl-d14
 Concen: 0.543 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037916.D
 Acq: 26 Sep 2025 08:19

Instrument :
 BNA_N
 ClientSampleId :

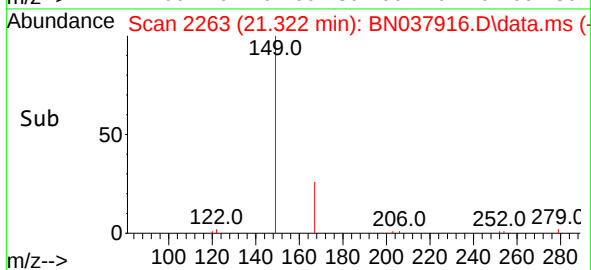
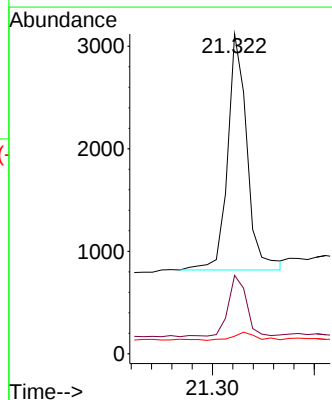
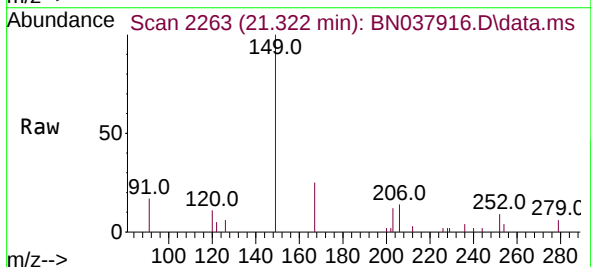


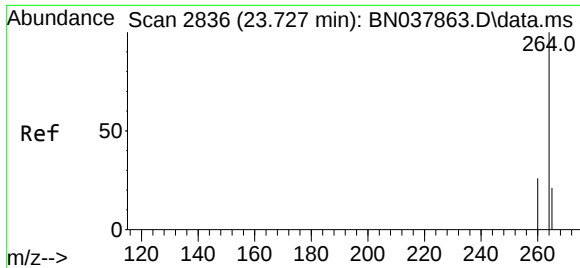
Tgt Ion:244 Resp: 18371
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.6 11.4
 122 15.7 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: BN037916.D
 Acq: 26 Sep 2025 08:19

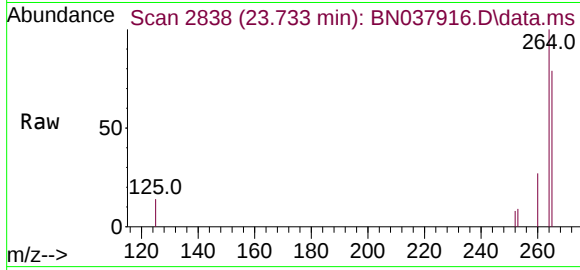
Tgt Ion:149 Resp: 3057
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.4 30.6
 279 4.2 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.733 min Scan# 2838
 Delta R.T. 0.006 min
 Lab File: BN037916.D
 Acq: 26 Sep 2025 08:19

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 14398

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.5	32.3
265	79.4	53.8	80.6

