

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
 Data File : BN037927.D
 Acq On : 26 Sep 2025 16:09
 Operator : RC/JU
 Sample : Q3165-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20250919

Quant Time: Sep 26 16:46:33 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)

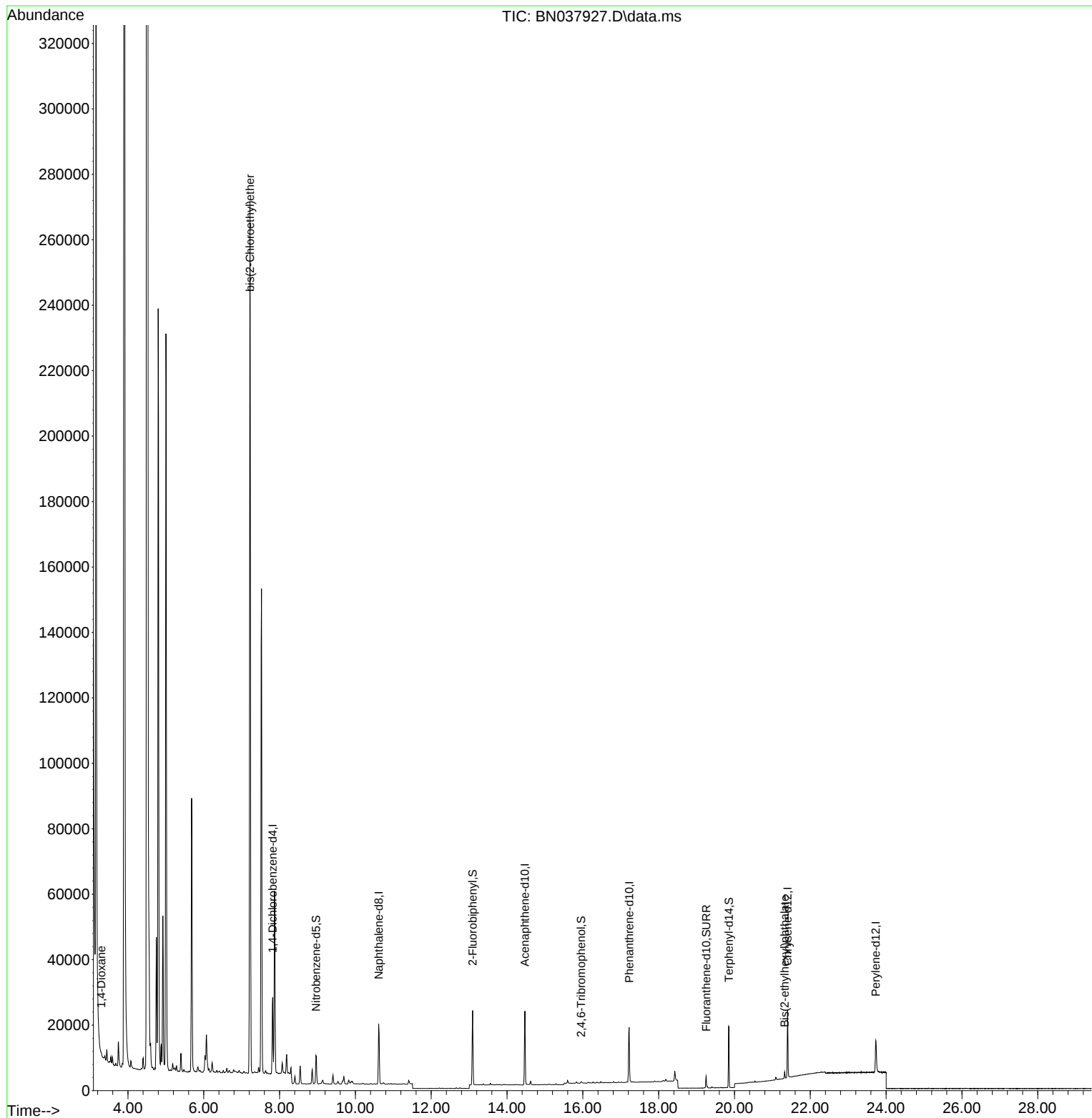
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8660	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	24721	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	12324	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	24827	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17855	0.400	ng	0.00
35) Perylene-d12	23.730	264	14138	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	83	0.004	ng	0.00
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.961	82	7169	0.380	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	239	0.007	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	244	0.052	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	19256	0.382	ng	0.00
27) Fluoranthene-d10	19.253	212	3906	0.063	ng	0.00
31) Terphenyl-d14	19.852	244	17294	0.486	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	416	0.047	ng	# 50
6) bis(2-Chloroethyl)ether	7.219	93	174290	7.231	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.322	149	2048	0.083	ng	# 97

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

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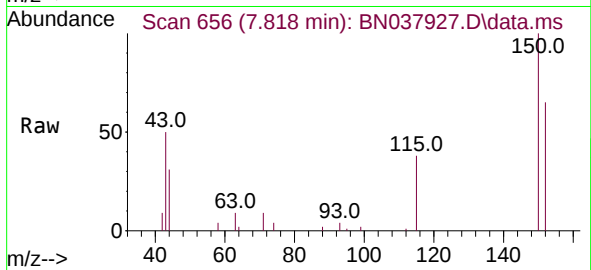
Quant Time: Sep 26 16:46:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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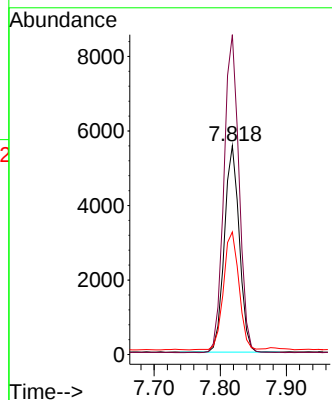
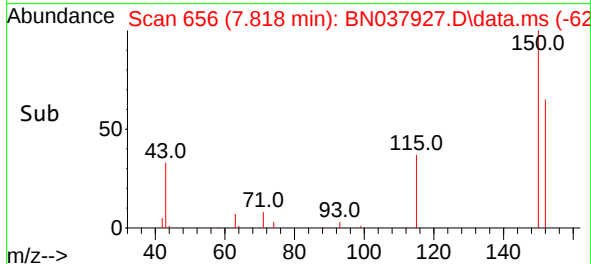


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20250919

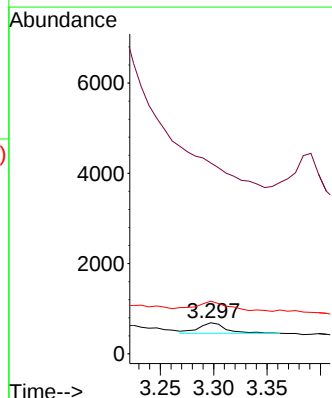
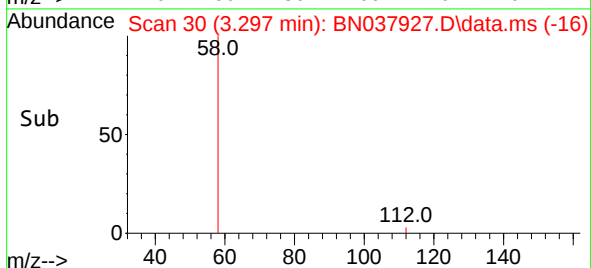
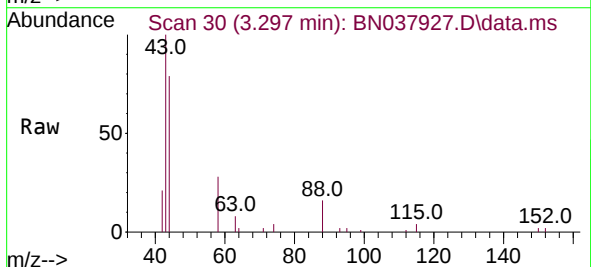


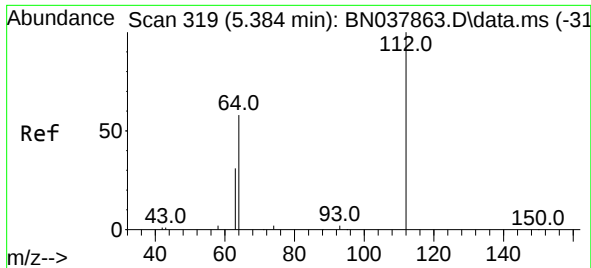
Tgt Ion:152 Resp: 8660
 Ion Ratio Lower Upper
 152 100
 150 153.2 121.0 181.4
 115 58.7 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.047 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09

Tgt Ion: 88 Resp: 416
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 113.0 58.9 88.3#

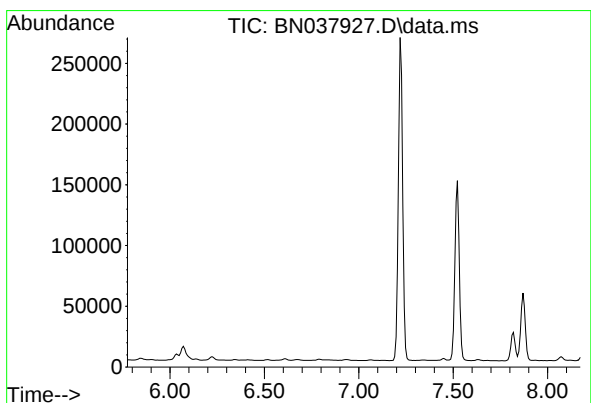
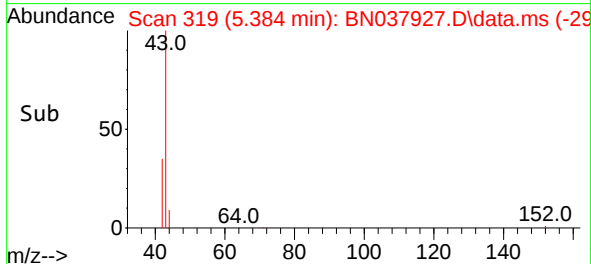
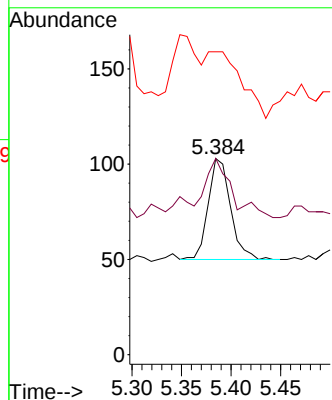
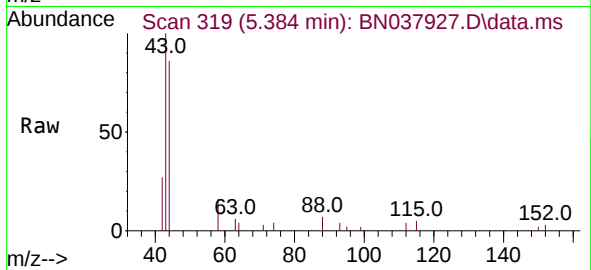




#4
2-Fluorophenol
Concen: 0.004 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

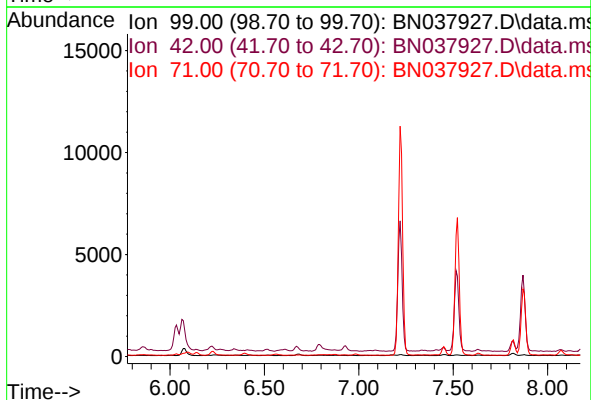
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

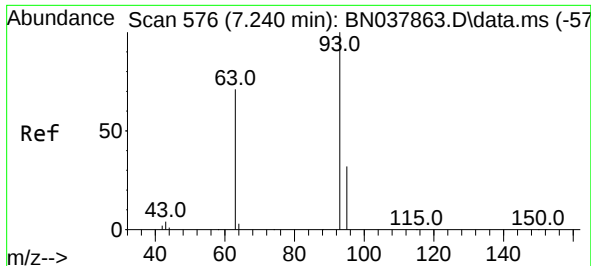
Tgt Ion:112 Resp: 83
Ion Ratio Lower Upper
112 100
64 68.7 44.6 66.8#
63 0.0 24.9 37.3#



#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Tgt Ion: 99
Sig Exp Ratio
99 100
42 21.5
71 34.1

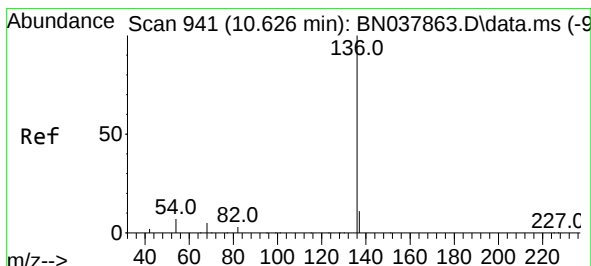
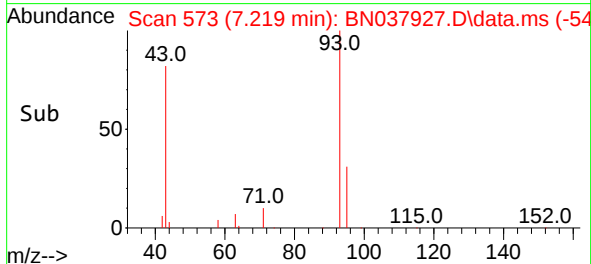
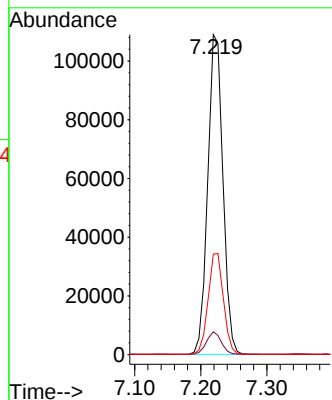
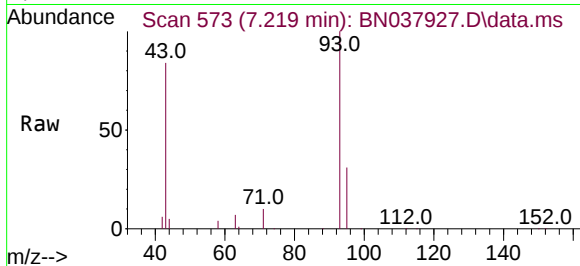




#6
bis(2-Chloroethyl)ether
Concen: 7.231 ng
RT: 7.219 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

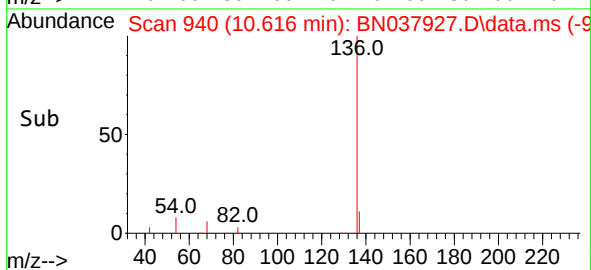
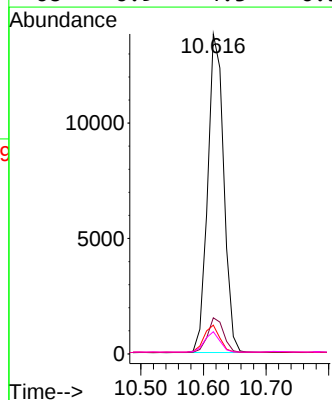
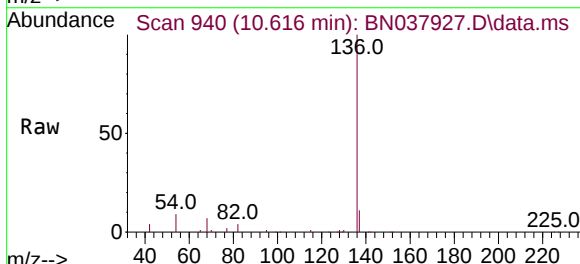
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

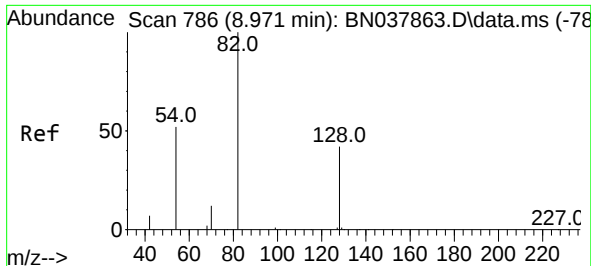
Tgt Ion: 93 Resp: 174290
Ion Ratio Lower Upper
93 100
63 6.8 60.1 90.1#
95 31.9 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Tgt Ion: 136 Resp: 24721
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.0 5.8 8.8#
68 6.9 4.3 6.5#

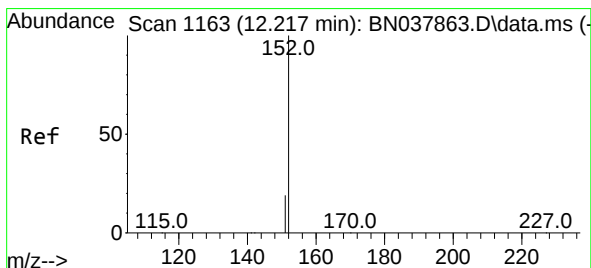
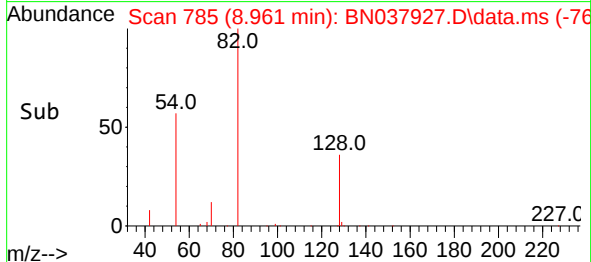
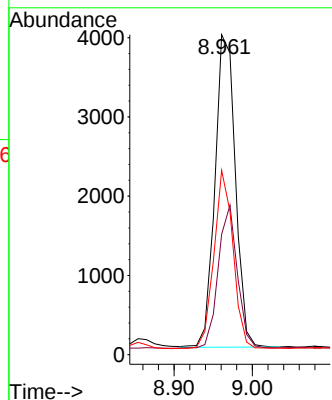
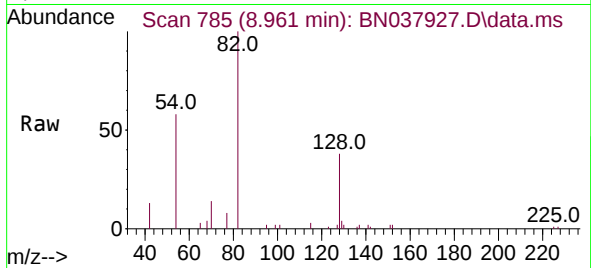




#8
 Nitrobenzene-d5
 Concen: 0.380 ng
 RT: 8.961 min Scan# 786
 Delta R.T. -0.011 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09

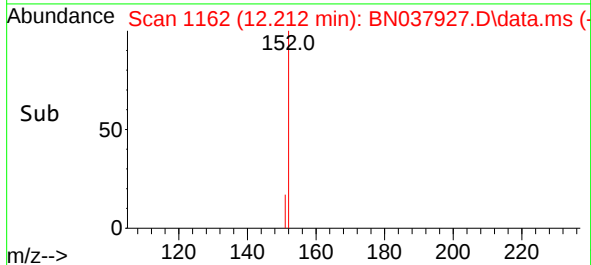
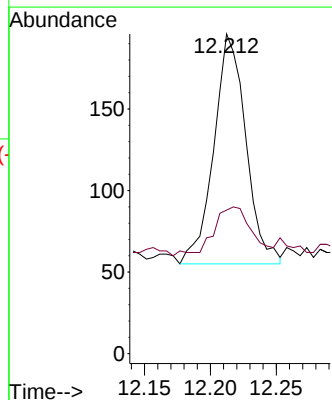
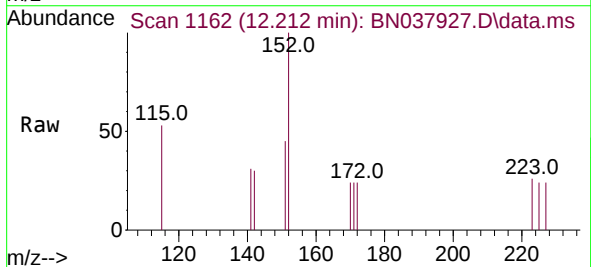
Instrument : BNA_N
 ClientSampleId : VPB184-HYD-20250919

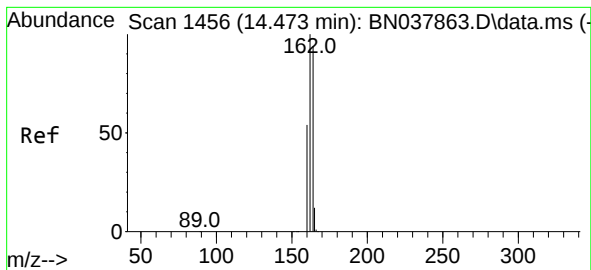
Tgt Ion: 82	Resp: 7169
Ion Ratio	Lower Upper
82	100
128	37.6 34.8 52.2
54	57.6 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.007 ng
 RT: 12.212 min Scan# 1162
 Delta R.T. -0.005 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09

Tgt Ion: 152	Resp: 239
Ion Ratio	Lower Upper
152	100
151	25.1 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.473 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

Instrument :

BNA_N

ClientSampleId :

VPB184-HYD-20250919

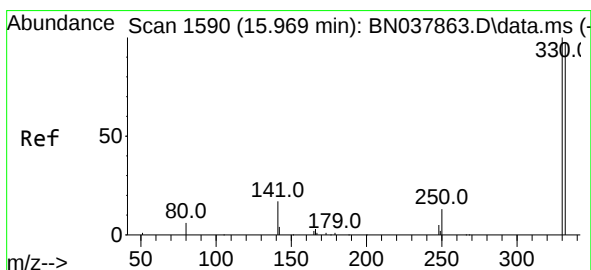
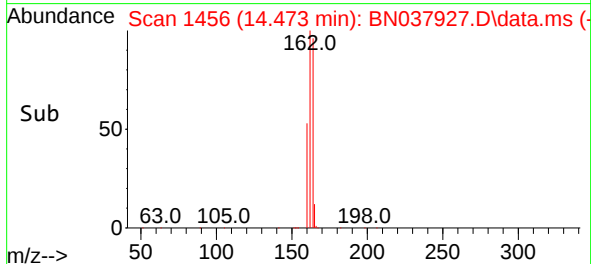
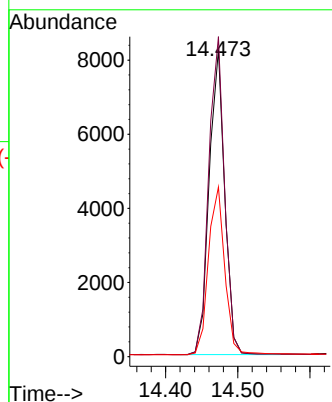
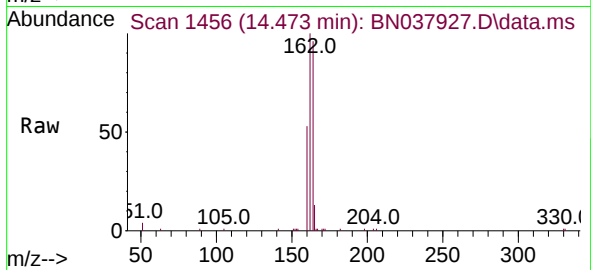
Tgt Ion:164 Resp: 12324

Ion Ratio Lower Upper

164 100

162 104.2 84.8 127.2

160 55.2 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.052 ng

RT: 15.957 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

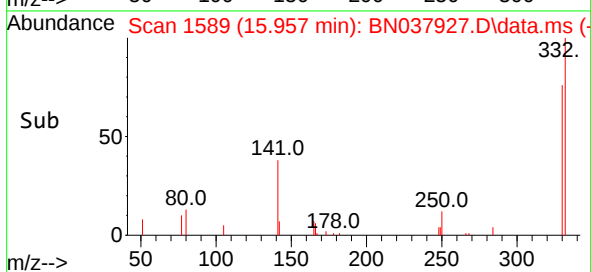
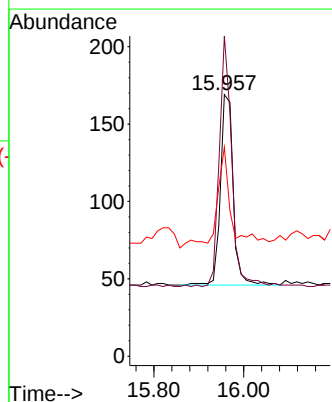
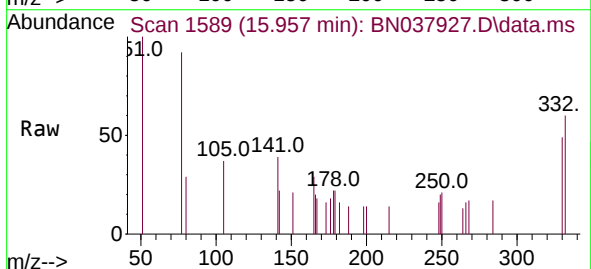
Tgt Ion:330 Resp: 244

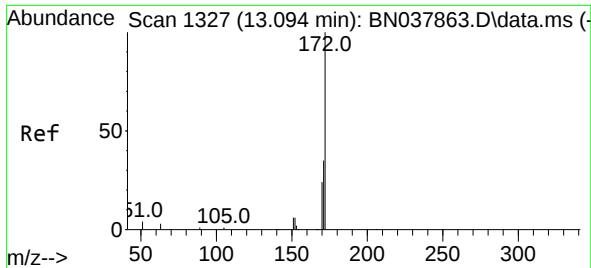
Ion Ratio Lower Upper

330 100

332 128.3 77.2 115.8#

141 41.8 37.2 55.8

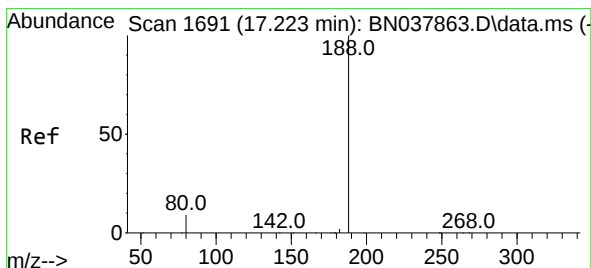
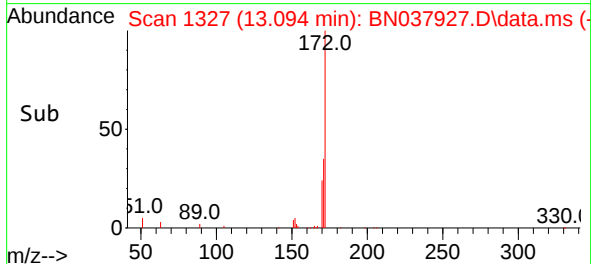
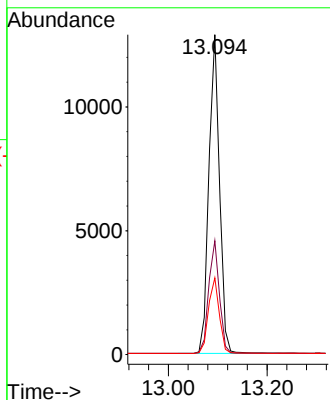
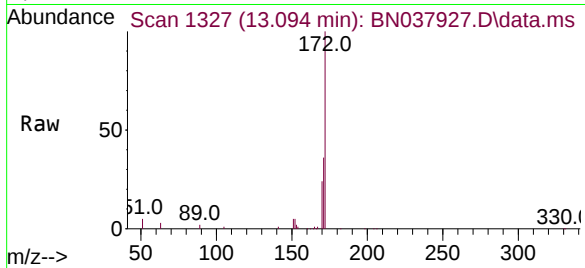




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

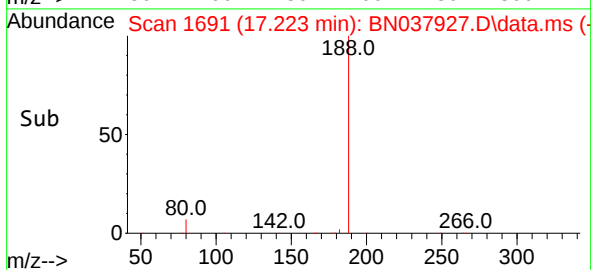
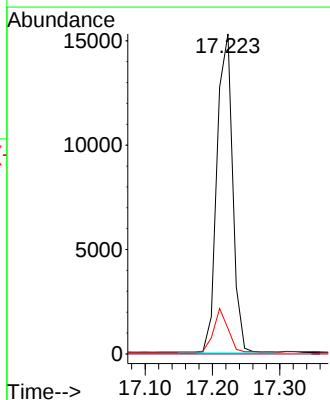
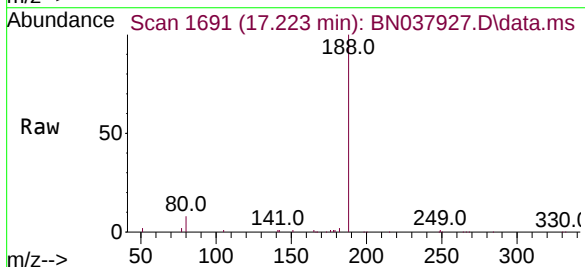
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

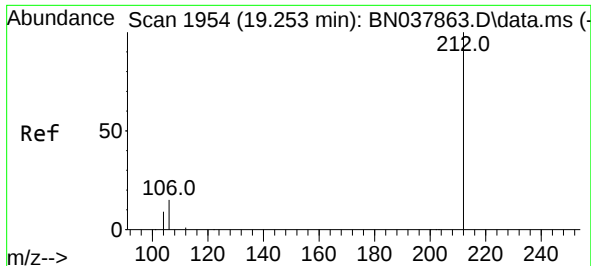
Tgt Ion:172	Resp:	19256
Ion Ratio	Lower	Upper
172	100	
171	35.6	28.6 43.0
170	24.0	19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Tgt Ion:188	Resp:	24827
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.9	7.6 11.4

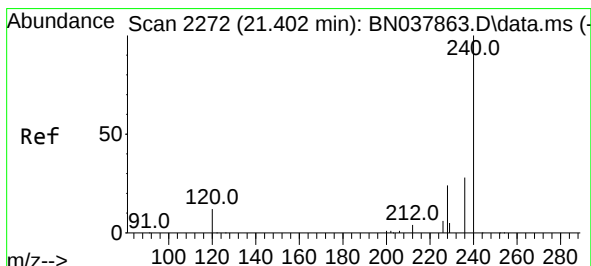
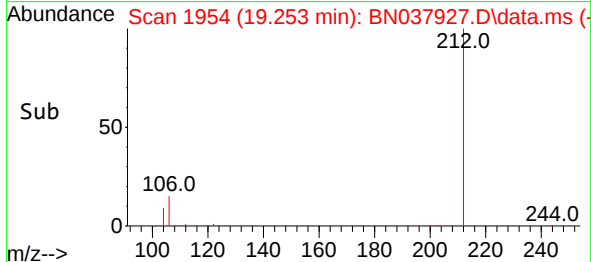
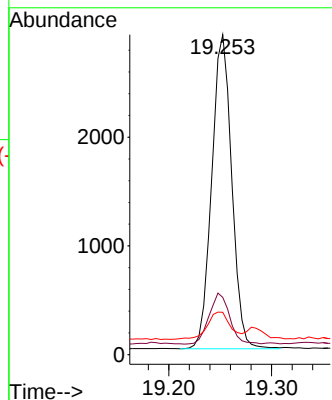
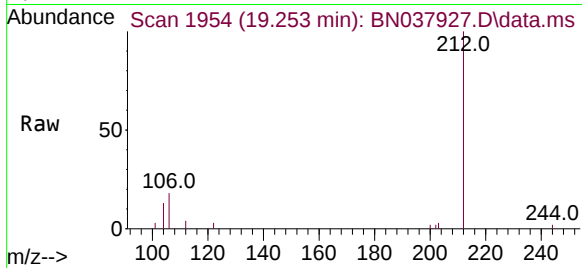




#27
Fluoranthene-d10
Concen: 0.063 ng
RT: 19.253 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

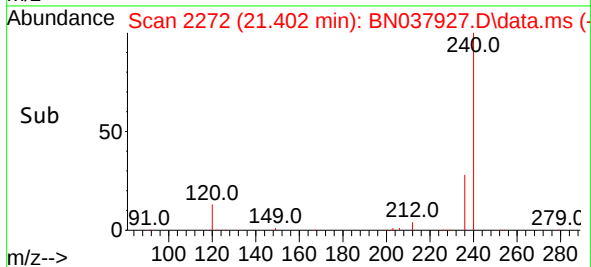
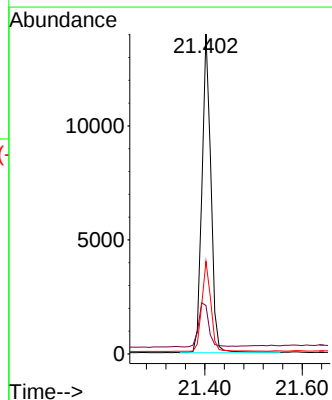
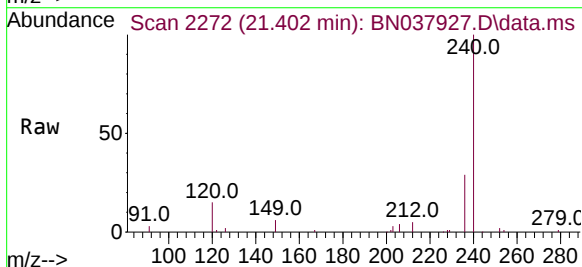
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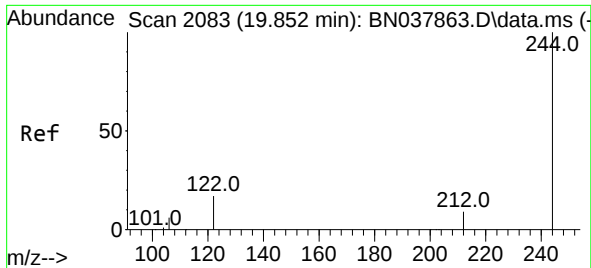
Tgt Ion:212 Resp: 3906
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 10.0 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Tgt Ion:240 Resp: 17855
Ion Ratio Lower Upper
240 100
120 15.1 11.4 17.2
236 28.9 23.0 34.6

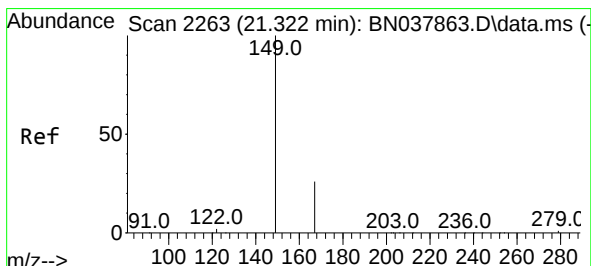
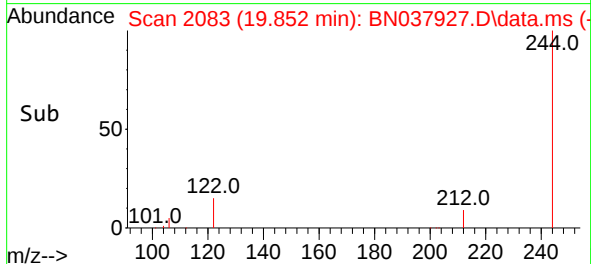
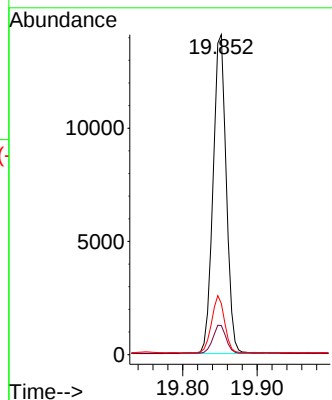
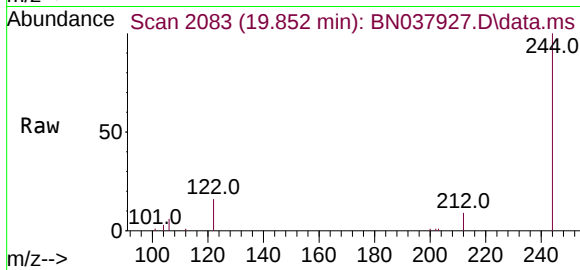




#31
 Terphenyl-d14
 Concen: 0.486 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09

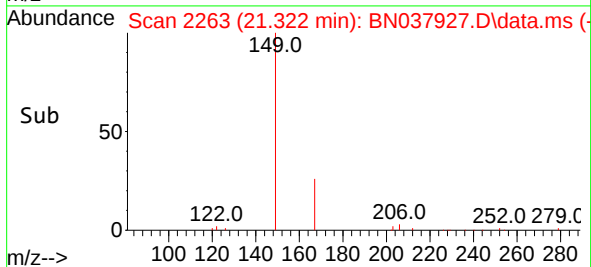
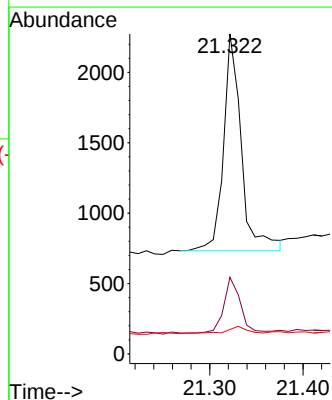
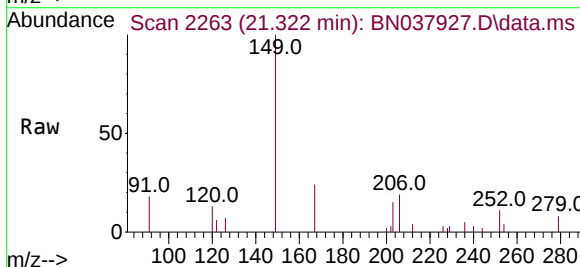
Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20250919

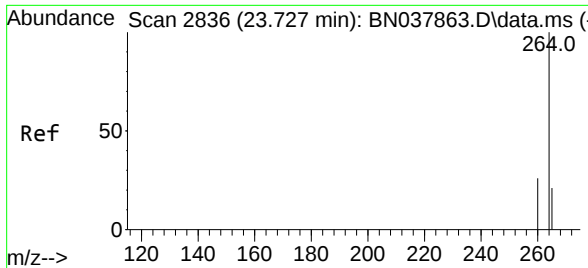
Tgt Ion:	244	Resp:	17294
Ion Ratio	Lower	Upper	
244	100		
212	9.1	7.6	11.4
122	16.0	13.9	20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09

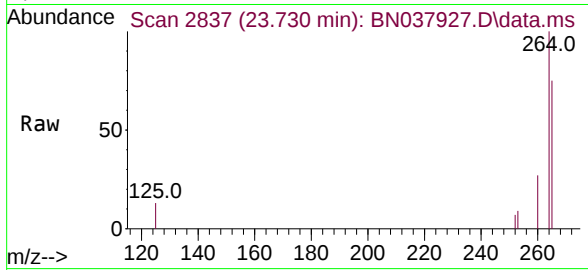
Tgt Ion:	149	Resp:	2048
Ion Ratio	Lower	Upper	
149	100		
167	23.8	20.4	30.6
279	4.0	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 2837
Delta R.T. 0.003 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919



Tgt Ion:264 Resp: 14138

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.5	32.3
265	74.7	53.8	80.6

