

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025523.D
 Acq On : 20 May 2023 14:08
 Operator : CG/JU
 Sample : 02862-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-148-150

Quant Time: May 22 01:59:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

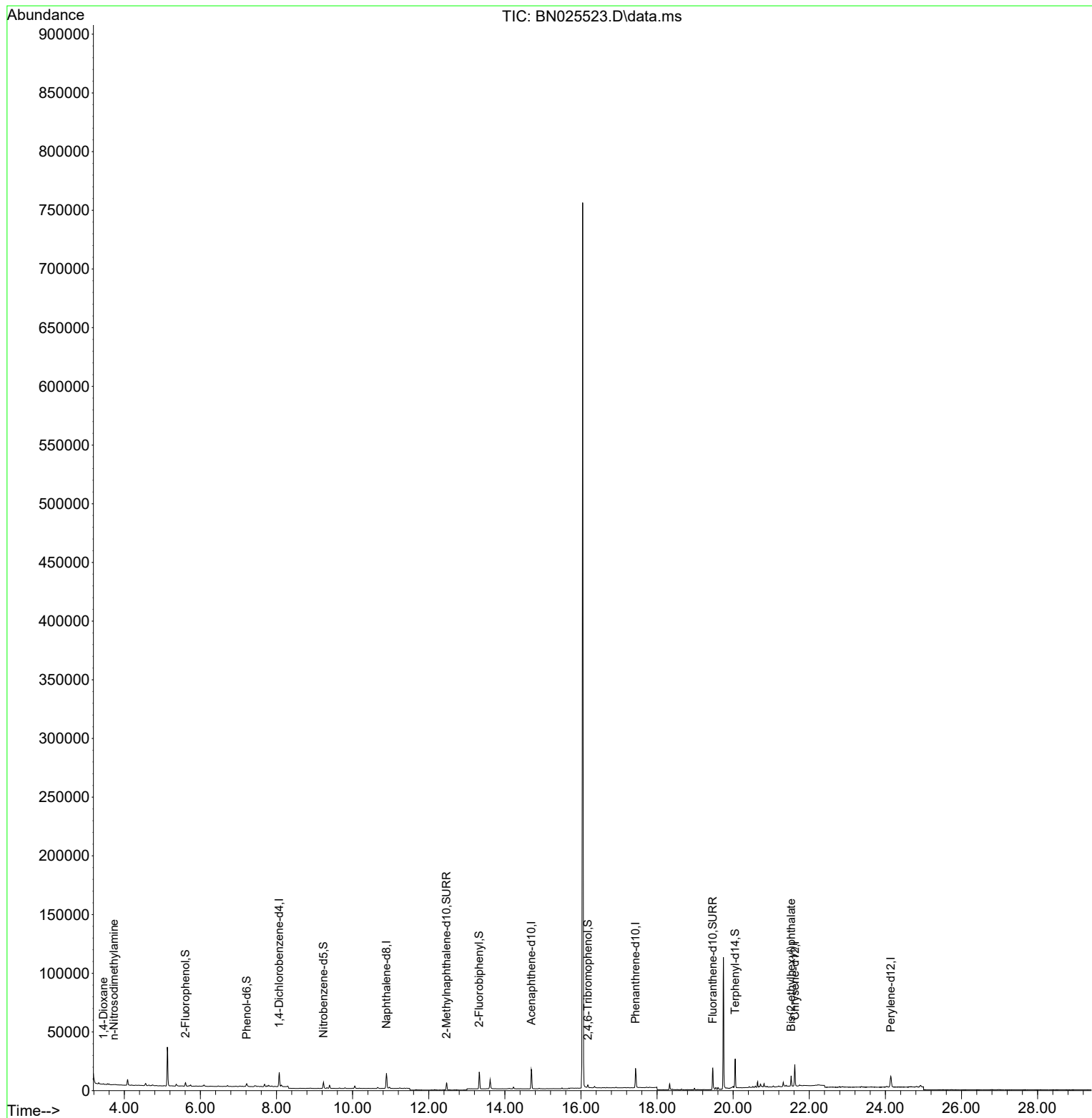
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	5699	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	16939	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	10018	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	22649	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	16730	0.400	ng	# 0.00
35) Perylene-d12	24.142	264	14197	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	2211	0.172	ng	0.00
5) Phenol-d6	7.218	99	2019	0.122	ng	0.00
8) Nitrobenzene-d5	9.234	82	4286	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	8339	0.354	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1153	0.295	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	12843	0.335	ng	-0.01
27) Fluoranthene-d10	19.464	212	20201	0.386	ng	0.00
31) Terphenyl-d14	20.053	244	13354	0.449	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	243	0.042	ng	# 1
3) n-Nitrosodimethylamine	3.729	42	181	0.028	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.522	149	8067	0.226	ng	98

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

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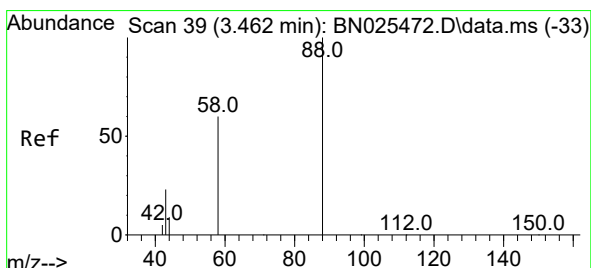
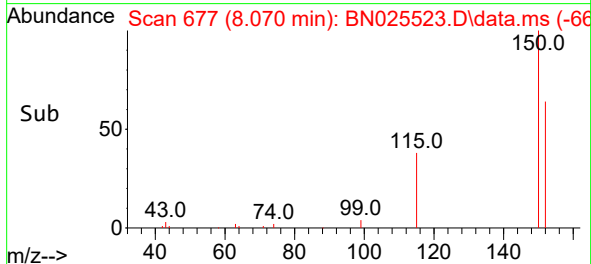
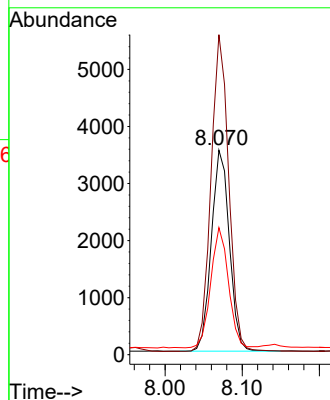
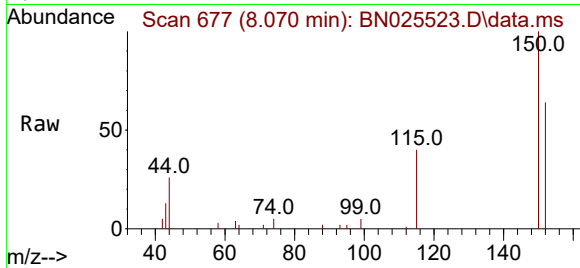




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.070 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025523.D
 Acq: 20 May 2023 14:08

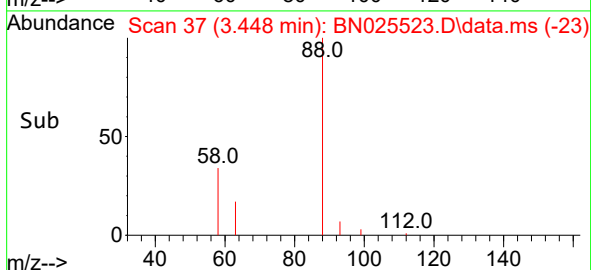
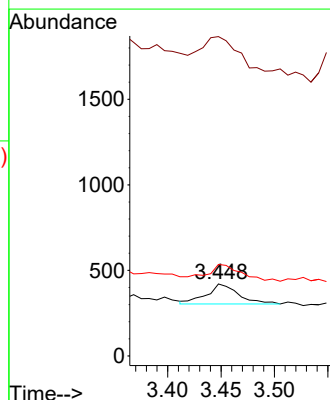
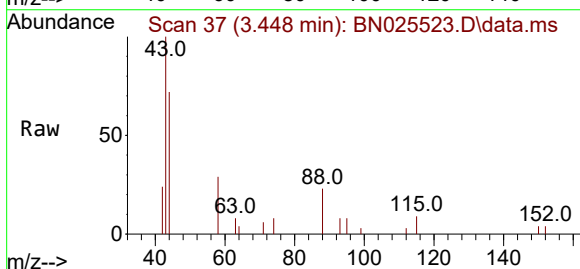
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-148-150

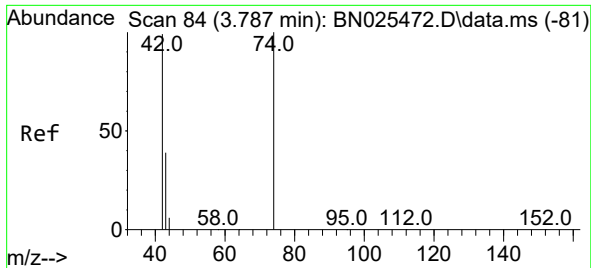
Tgt Ion:152 Resp: 5699
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.3 187.9
 115 62.2 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.042 ng
 RT: 3.448 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: BN025523.D
 Acq: 20 May 2023 14:08

Tgt Ion: 88 Resp: 243
 Ion Ratio Lower Upper
 88 100
 43 192.2 23.8 35.6#
 58 86.8 55.1 82.7#

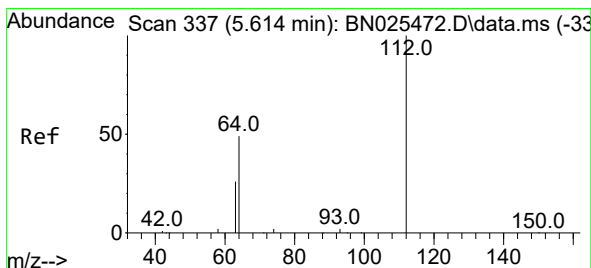
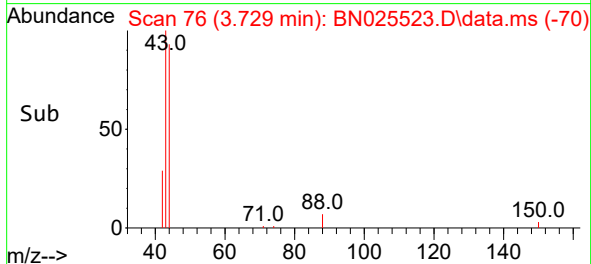
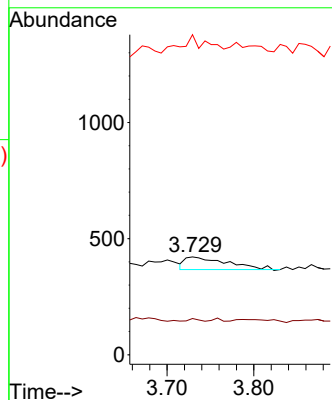
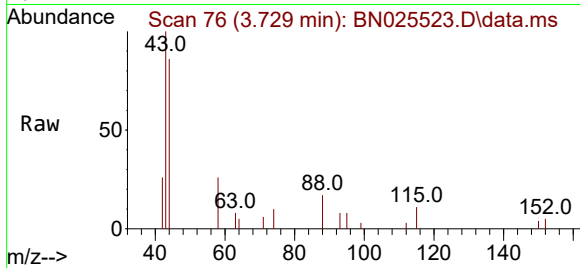




#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.729 min Scan# 70
Delta R.T. -0.058 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

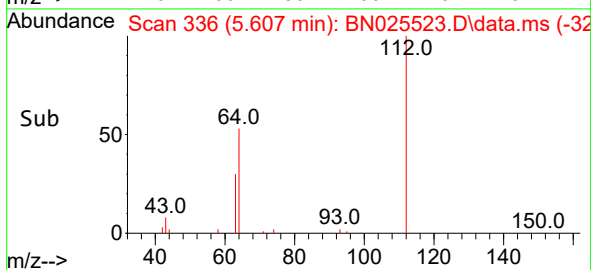
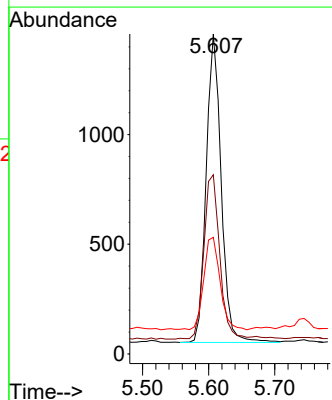
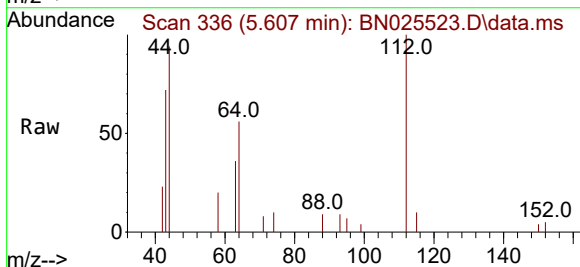
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-148-150

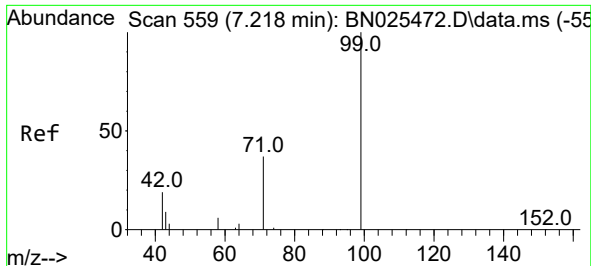
Tgt Ion: 42 Resp: 181
Ion Ratio Lower Upper
42 100
74 5.0 100.2 150.4#
44 45.3 8.6 12.8#



#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.607 min Scan# 336
Delta R.T. -0.000 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

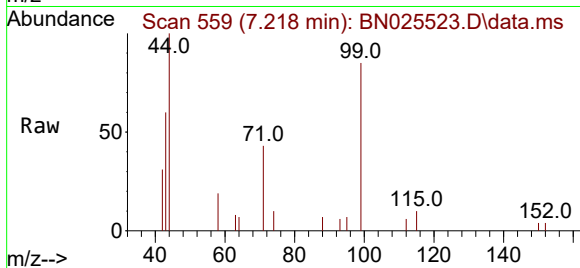
Tgt Ion: 112 Resp: 2211
Ion Ratio Lower Upper
112 100
64 56.3 44.0 66.0
63 32.5 24.0 36.0



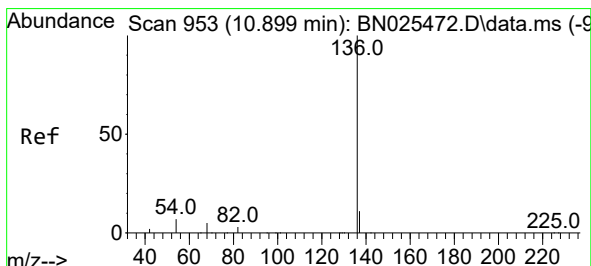
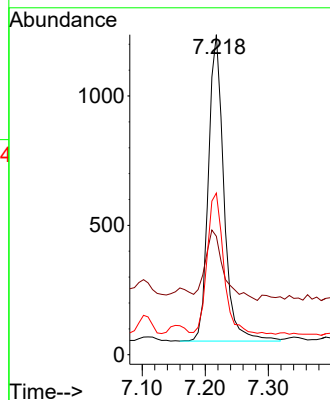
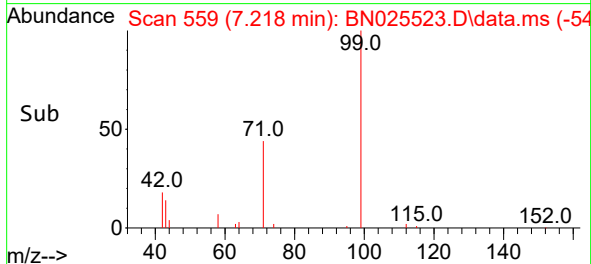


#5
Phenol-d6
Concen: 0.122 ng
RT: 7.218 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

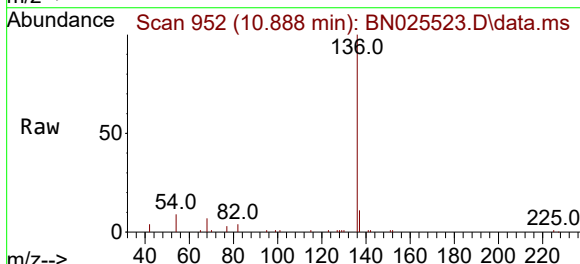
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-148-150



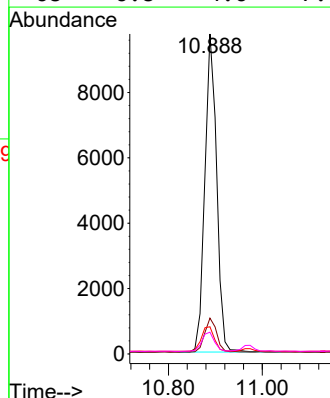
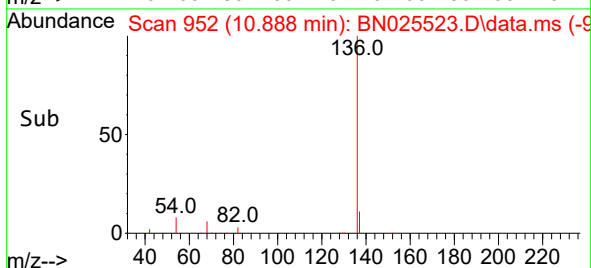
Tgt Ion: 99 Resp: 2019
Ion Ratio Lower Upper
99 100
42 27.0 15.8 23.8#
71 49.4 28.6 43.0#

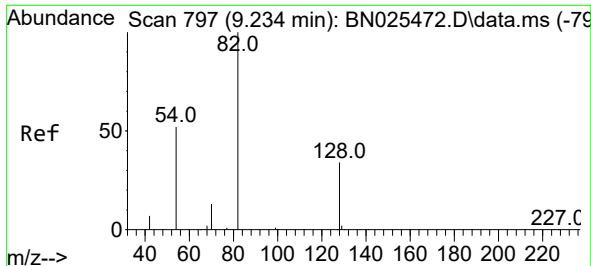


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08



Tgt Ion: 136 Resp: 16939
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.5 5.8 8.6
68 6.8 4.6 7.0

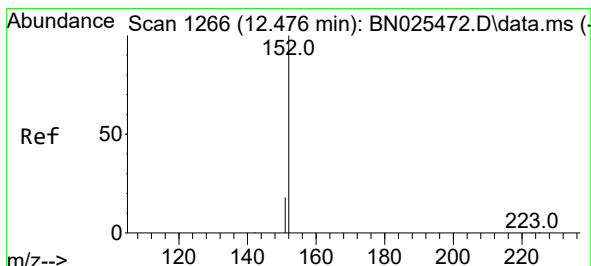
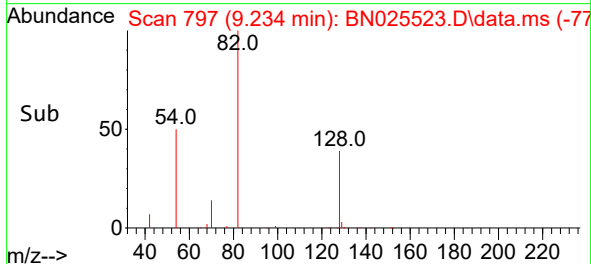
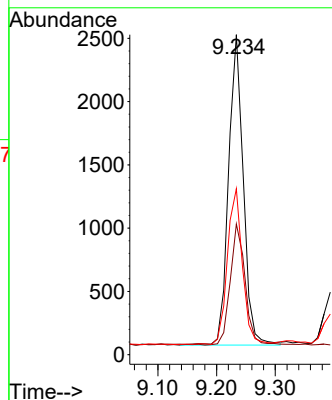
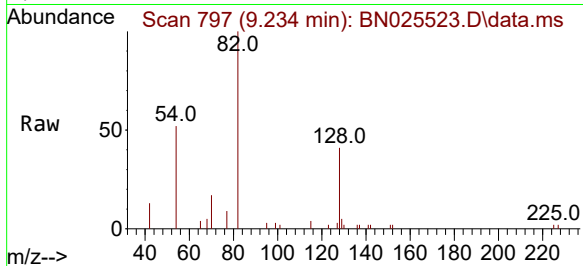




#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

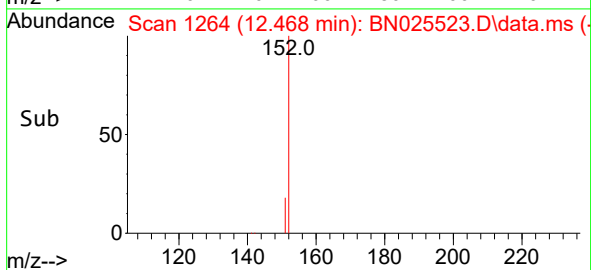
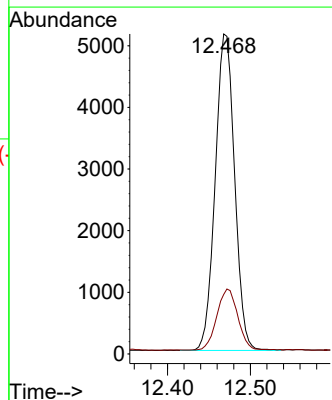
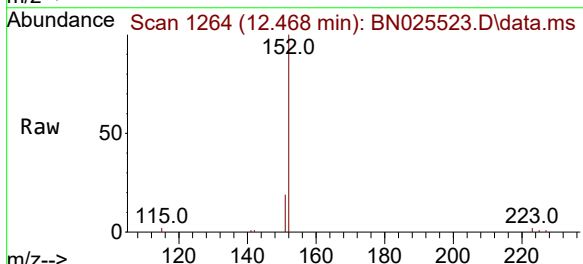
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-148-150

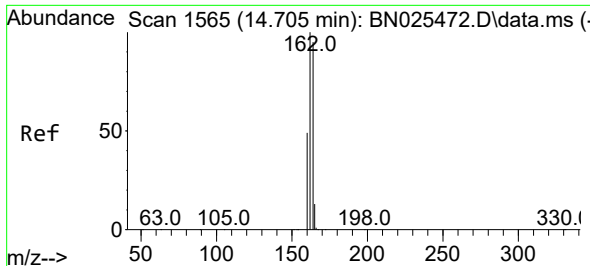
Tgt Ion: 82 Resp: 4286
Ion Ratio Lower Upper
82 100
128 40.8 27.9 41.9
54 51.8 42.4 63.6



#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.468 min Scan# 1264
Delta R.T. -0.004 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

Tgt Ion: 152 Resp: 8339
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8

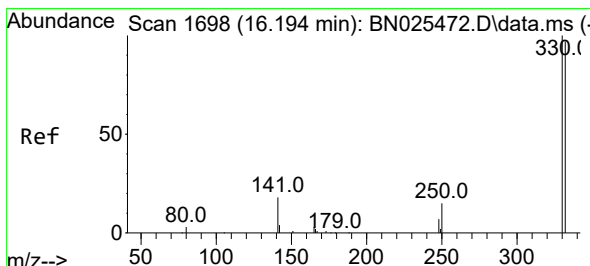
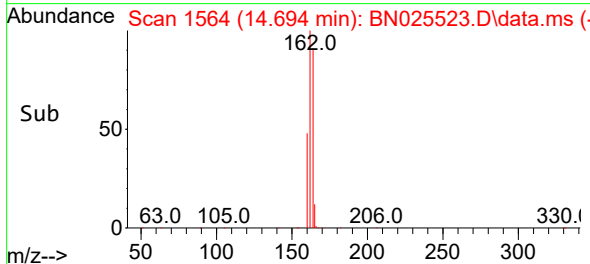
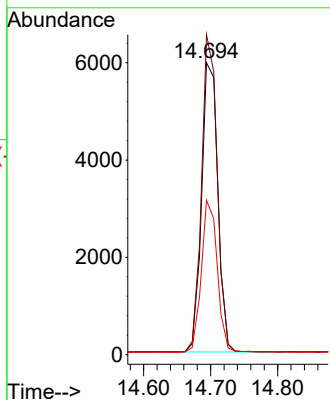
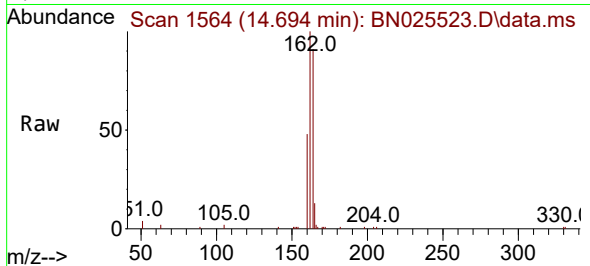




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

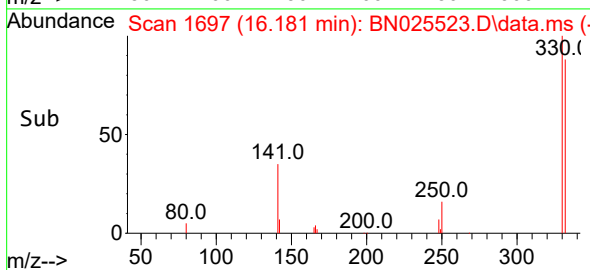
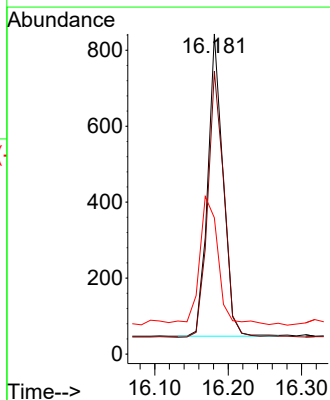
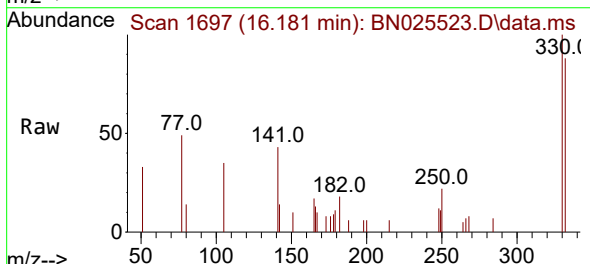
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-148-150

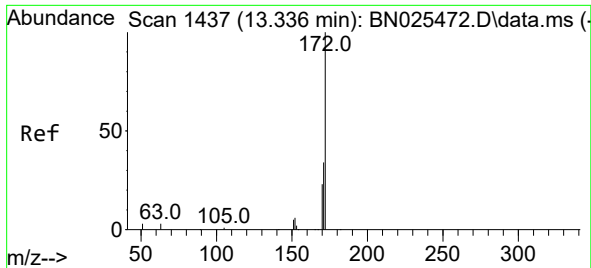
Tgt Ion:164 Resp: 10018
Ion Ratio Lower Upper
164 100
162 109.6 84.2 126.2
160 52.9 41.4 62.2



#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

Tgt Ion:330 Resp: 1153
Ion Ratio Lower Upper
330 100
332 93.8 76.1 114.1
141 51.3 36.1 54.1

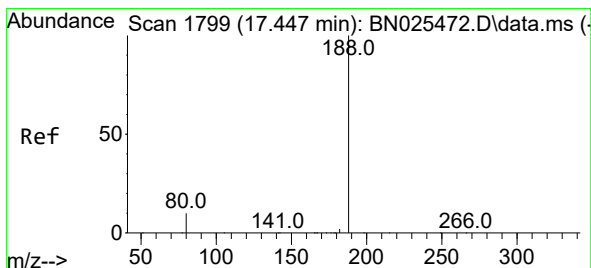
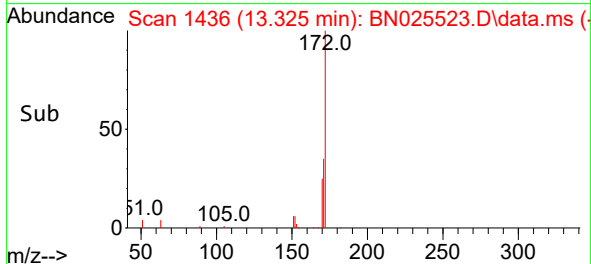
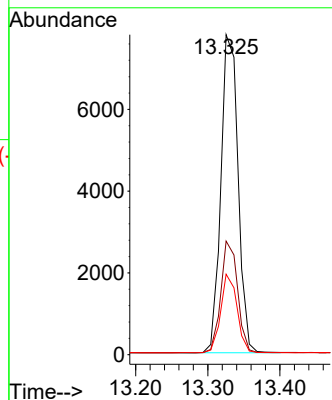
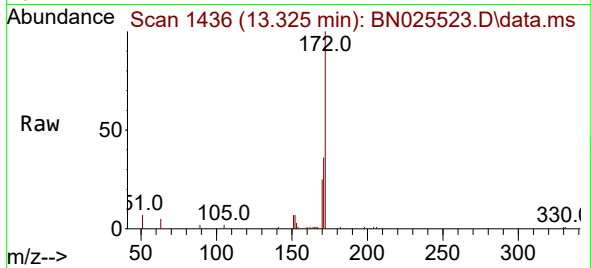




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.325 min Scan# 1437
Delta R.T. -0.011 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

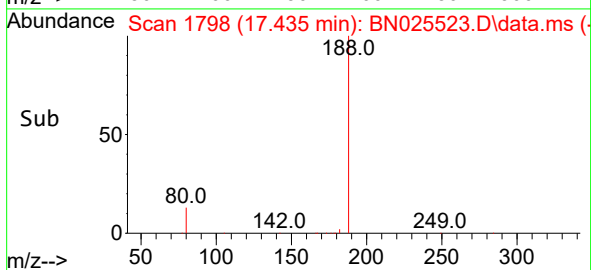
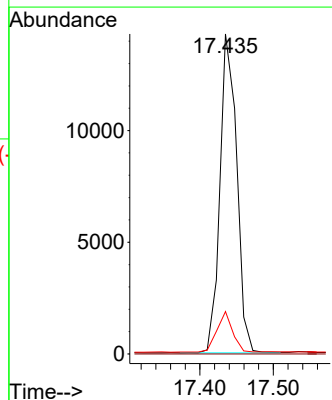
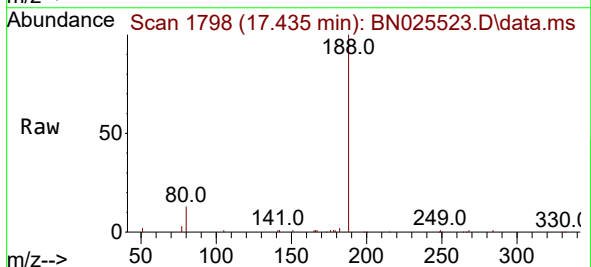
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BP-VPB-RW11-GW-148-150

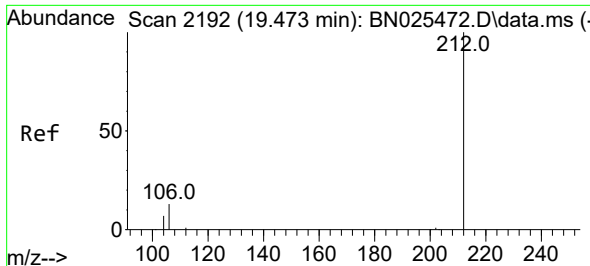
Tgt Ion:172 Resp: 12843
Ion Ratio Lower Upper
172 100
171 35.5 27.6 41.4
170 25.1 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

Tgt Ion:188 Resp: 22649
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 8.2 12.4

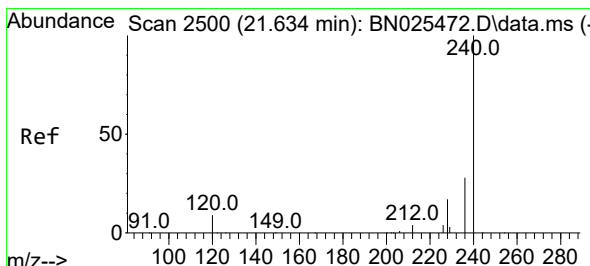
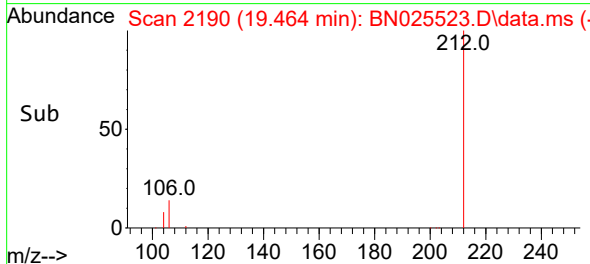
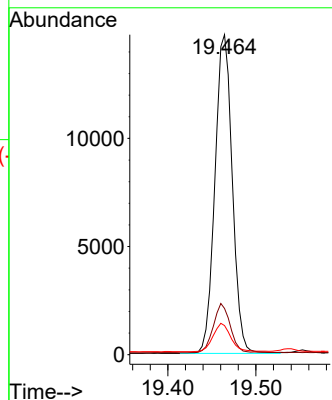
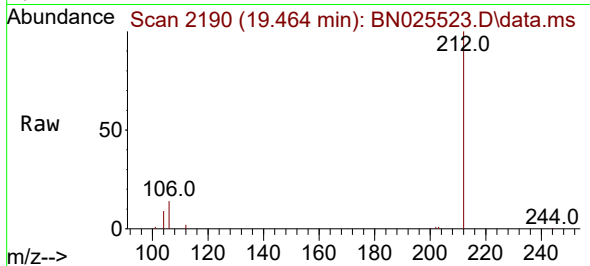




#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.464 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

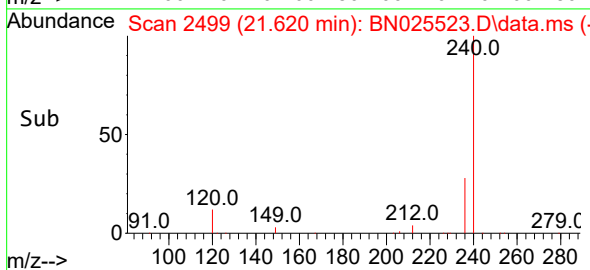
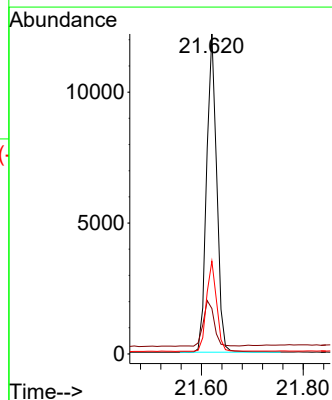
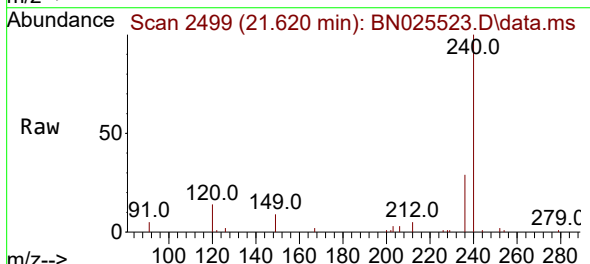
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-148-150

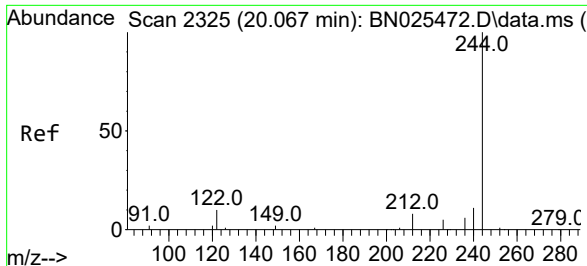
Tgt Ion:212 Resp: 20201
Ion Ratio Lower Upper
212 100
106 15.1 11.4 17.2
104 9.0 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025523.D
Acq: 20 May 2023 14:08

Tgt Ion:240 Resp: 16730
Ion Ratio Lower Upper
240 100
120 14.2 8.6 12.8#
236 29.0 22.7 34.1

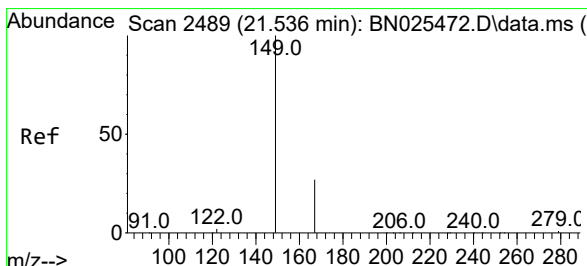
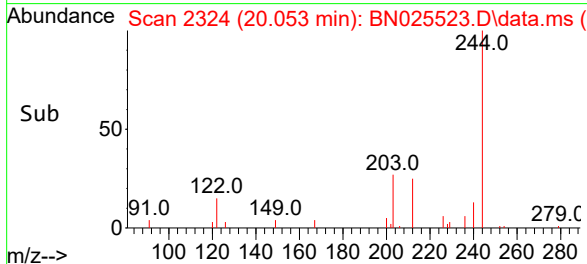
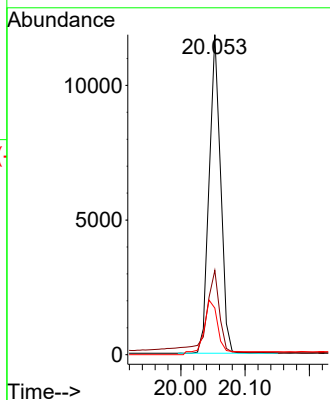
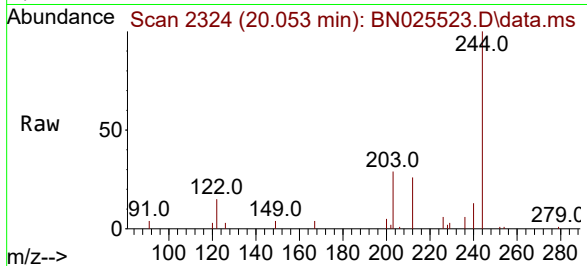




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 20.053 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025523.D
 Acq: 20 May 2023 14:08

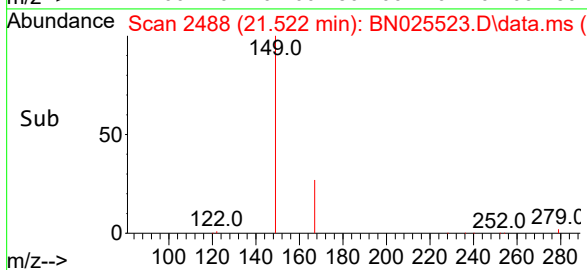
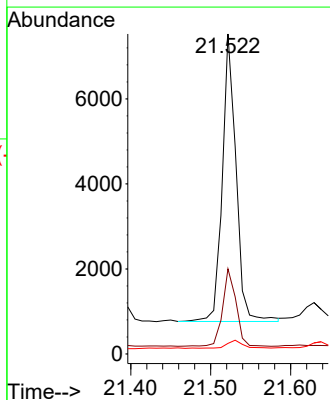
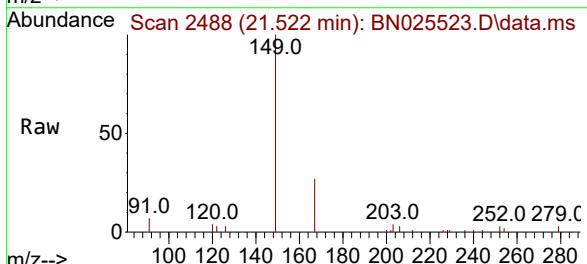
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-148-150

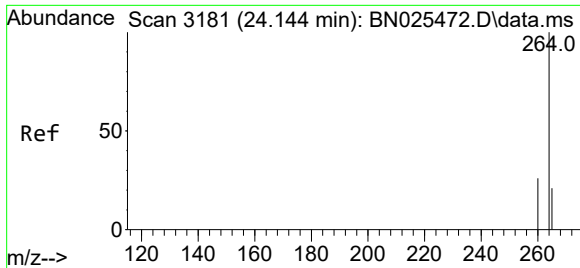
Tgt Ion:244 Resp: 13354
 Ion Ratio Lower Upper
 244 100
 212 26.3 6.6 10.0#
 122 14.6 8.1 12.1#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.226 ng
 RT: 21.522 min Scan# 2488
 Delta R.T. 0.004 min
 Lab File: BN025523.D
 Acq: 20 May 2023 14:08

Tgt Ion:149 Resp: 8067
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.0 33.0
 279 3.3 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.142 min Scan# 31
 Delta R.T. 0.022 min
 Lab File: BN025523.D
 Acq: 20 May 2023 14:08

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-148-150

Tgt Ion:264 Resp: 14197
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 47.1 27.1 40.7#

