

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034091.D
 Acq On : 20 Sep 2024 17:30
 Operator : JU/RC
 Sample : P4003-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW-3-MW-1-20240911

Quant Time: Sep 20 17:55:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

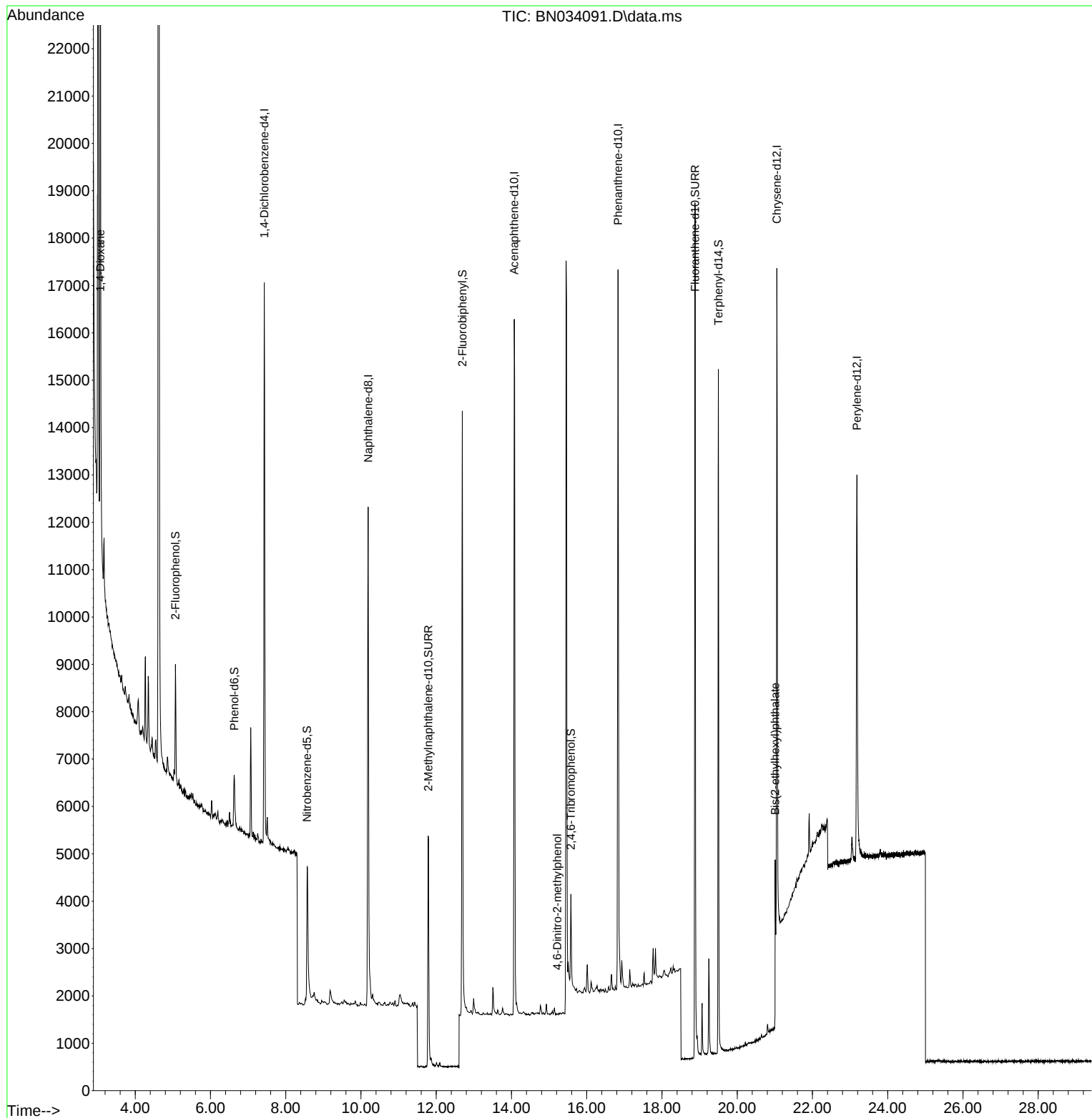
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5531	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15235	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	9169	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19841	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	14096	0.400	ng	0.00
35) Perylene-d12	23.180	264	11140	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1891	0.120	ng	0.00
5) Phenol-d6	6.629	99	1178	0.065	ng	0.00
8) Nitrobenzene-d5	8.568	82	3443	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	7439	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1120	0.270	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11860	0.318	ng	0.00
27) Fluoranthene-d10	18.880	212	20388	0.407	ng	0.00
31) Terphenyl-d14	19.498	244	13557	0.482	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	11294	1.633	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.216	198	8	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1892	0.102	ng	# 90

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

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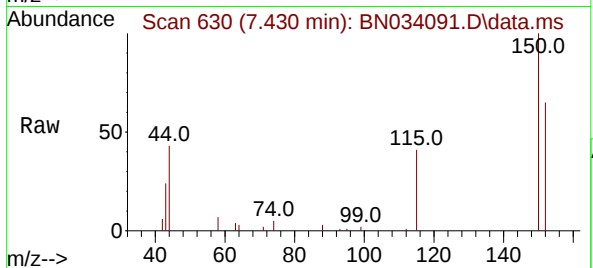
Quant Time: Sep 20 17:55:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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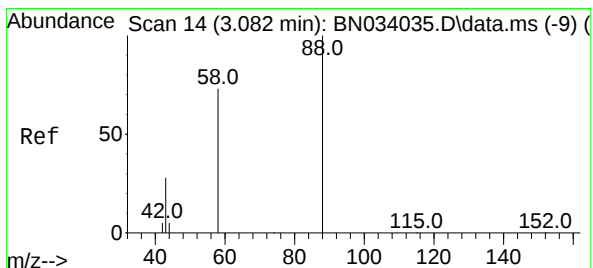
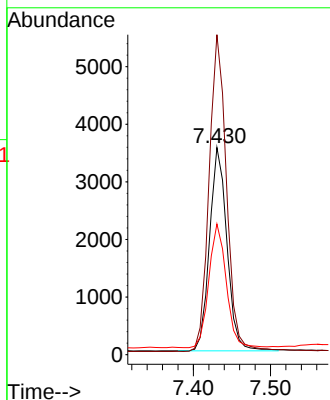
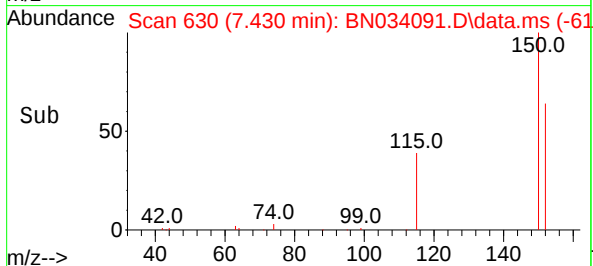


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034091.D
 Acq: 20 Sep 2024 17:30

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW-3-MW-1-20240911

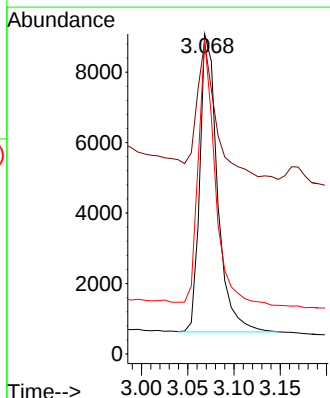
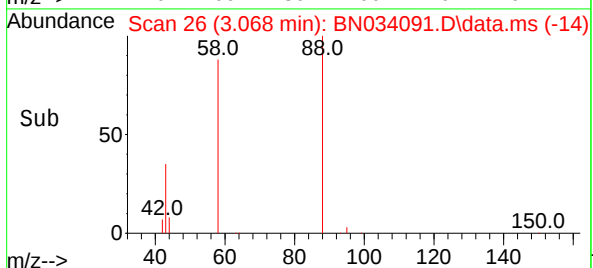
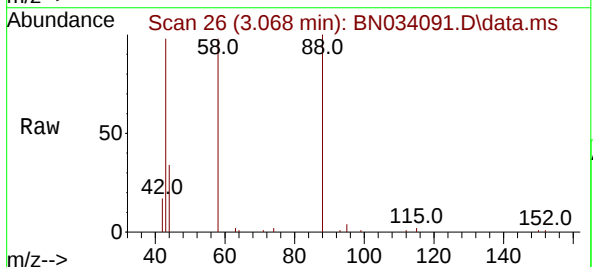


Tgt Ion:152 Resp: 5531
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 187.0
 115 63.1 50.0 75.0



#2
 1,4-Dioxane
 Concen: 1.633 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034091.D
 Acq: 20 Sep 2024 17:30

Tgt Ion: 88 Resp: 11294
 Ion Ratio Lower Upper
 88 100
 43 50.7 25.8 38.8#
 58 85.1 58.8 88.2

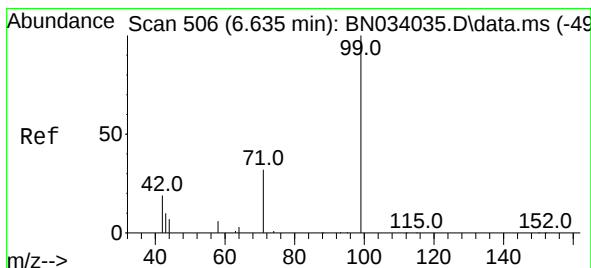
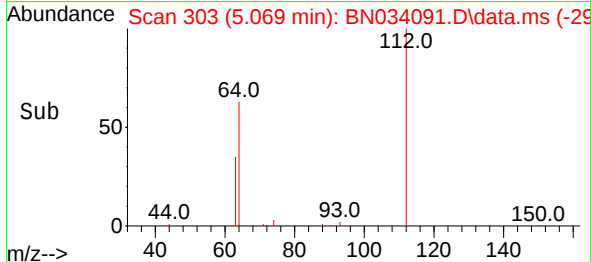
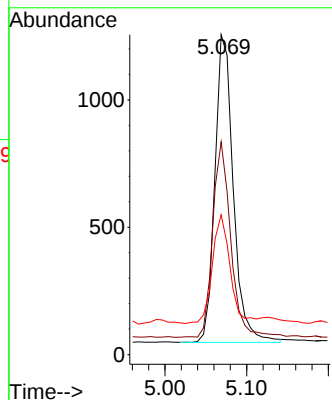
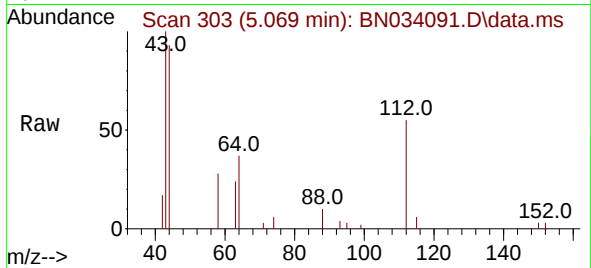




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

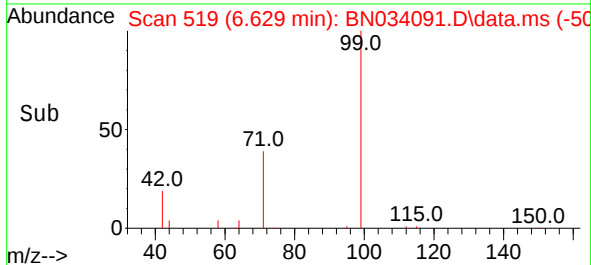
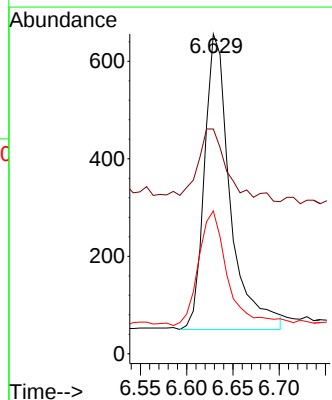
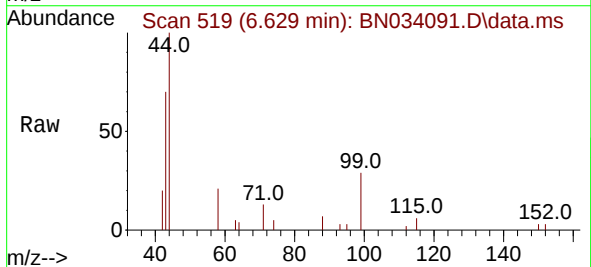
Instrument :
BNA_N
ClientSampleId :
GM38-RW-3-MW-1-20240911

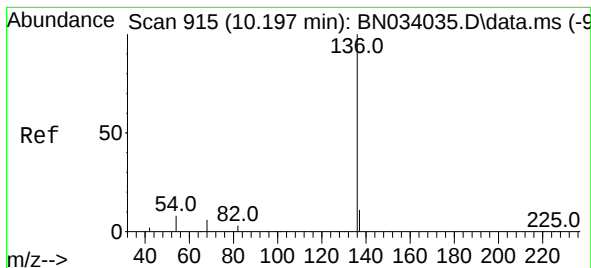
Tgt Ion:112 Resp: 1891
Ion Ratio Lower Upper
112 100
64 62.2 48.6 72.8
63 34.1 25.6 38.4



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

Tgt Ion: 99 Resp: 1178
Ion Ratio Lower Upper
99 100
42 29.4 17.8 26.8#
71 42.7 26.2 39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.191 min Scan# 915

Delta R.T. -0.006 min

Lab File: BN034091.D

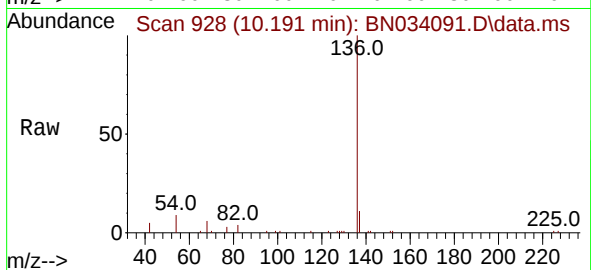
Acq: 20 Sep 2024 17:30

Instrument :

BNA_N

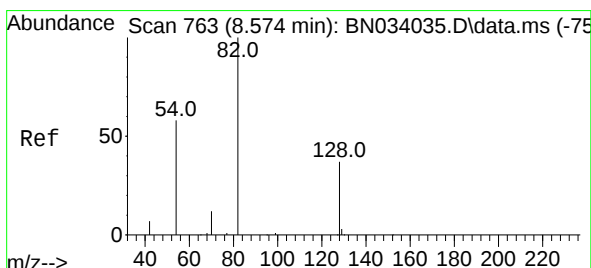
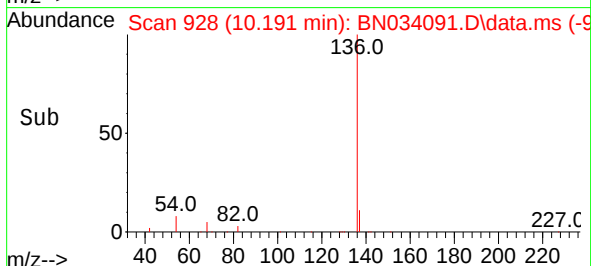
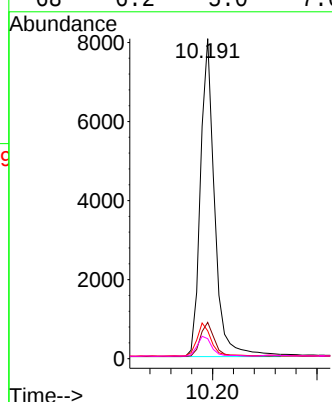
ClientSampleId :

GM38-RW-3-MW-1-20240911



Tgt Ion:136 Resp: 15235

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.7	6.8	10.2
68	6.2	5.0	7.6



#8

Nitrobenzene-d5

Concen: 0.295 ng

RT: 8.568 min Scan# 776

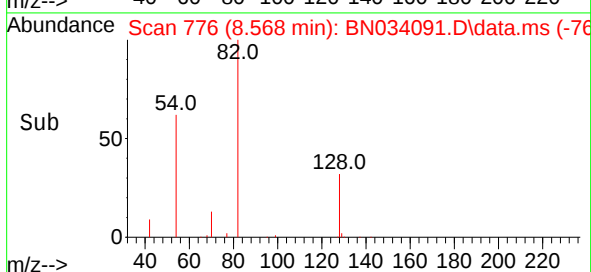
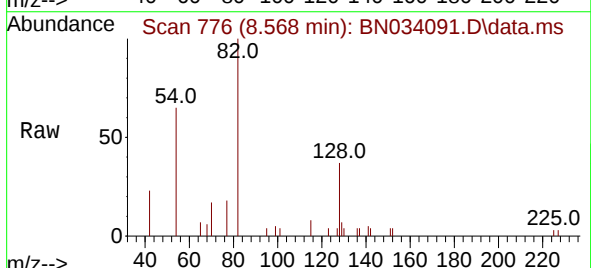
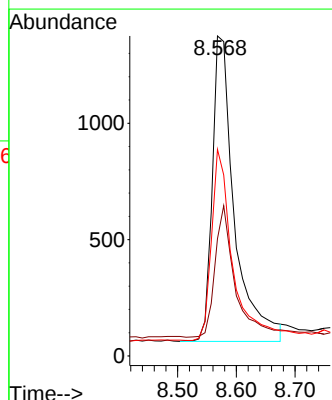
Delta R.T. -0.006 min

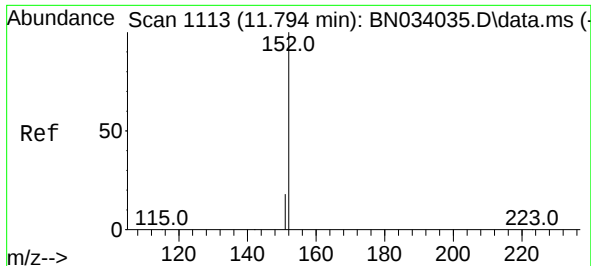
Lab File: BN034091.D

Acq: 20 Sep 2024 17:30

Tgt Ion: 82 Resp: 3443

Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.4	47.2
54	64.6	47.4	71.0

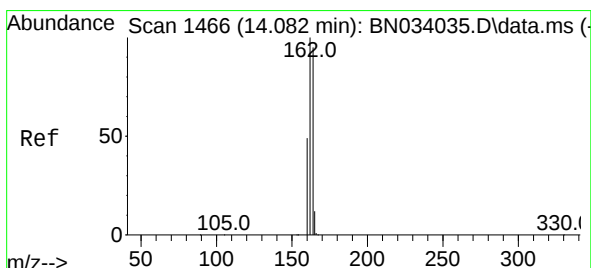
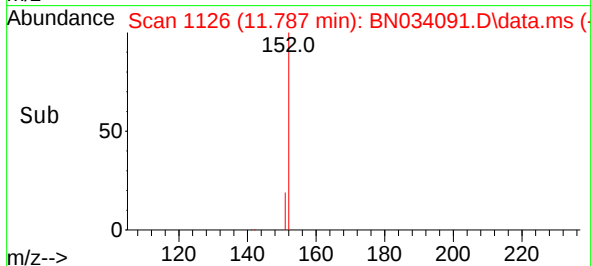
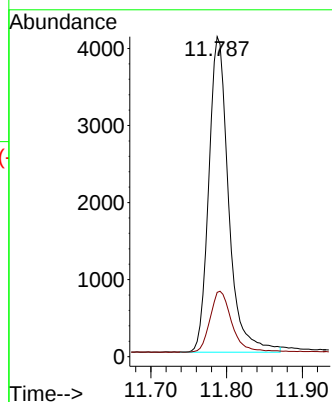
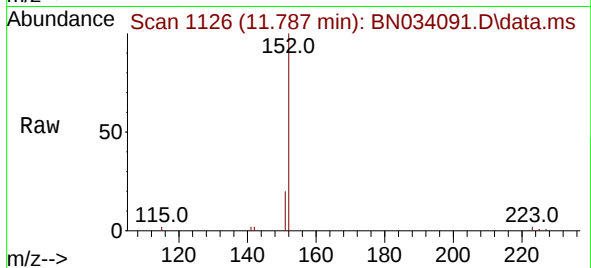




#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

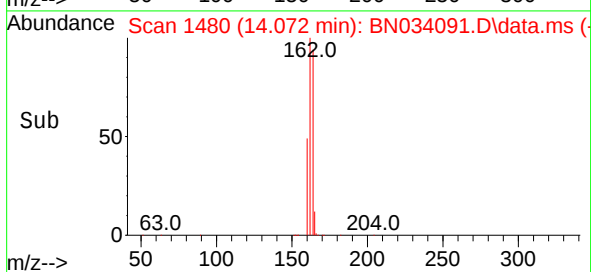
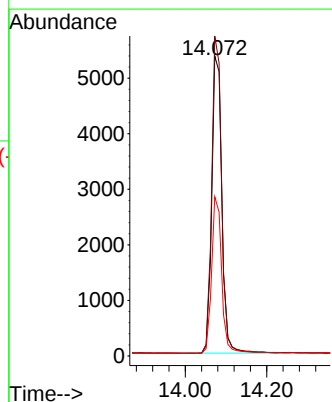
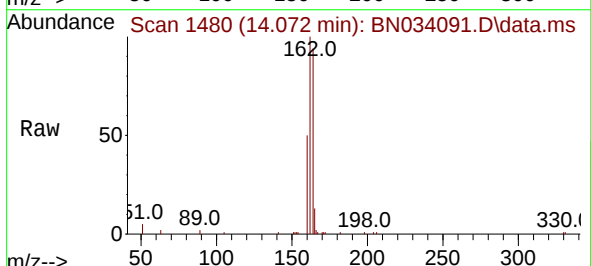
Instrument :
BNA_N
ClientSampleId :
GM38-RW-3-MW-1-20240911

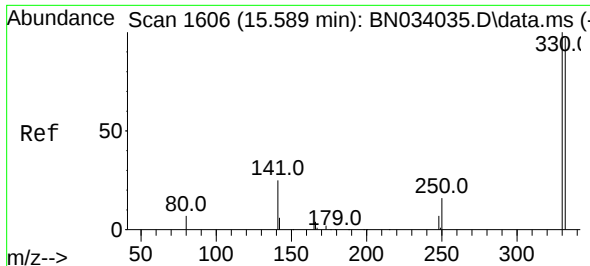
Tgt Ion:152 Resp: 7439
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

Tgt Ion:164 Resp: 9169
Ion Ratio Lower Upper
164 100
162 106.7 84.2 126.2
160 53.1 41.7 62.5

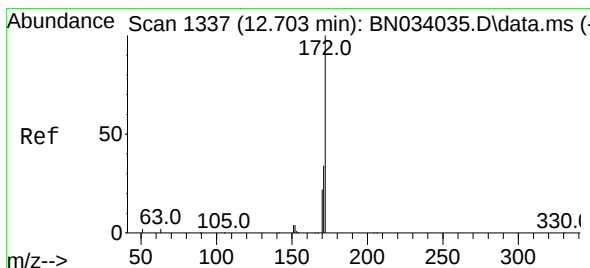
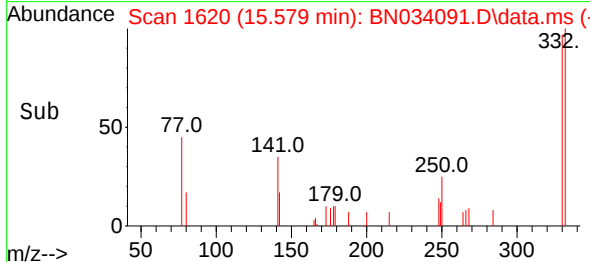
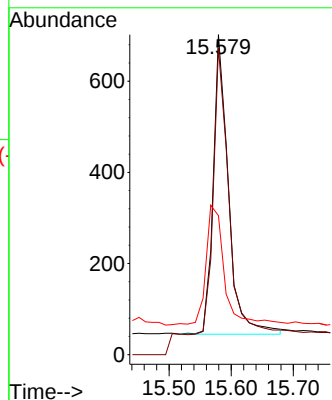
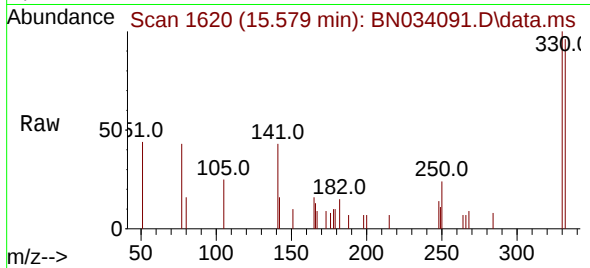




#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.579 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

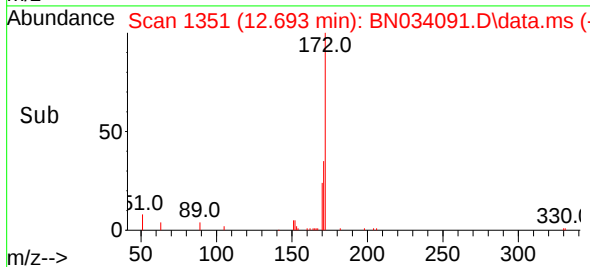
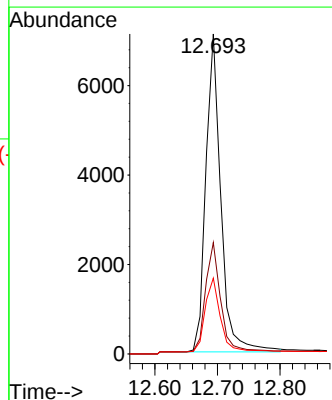
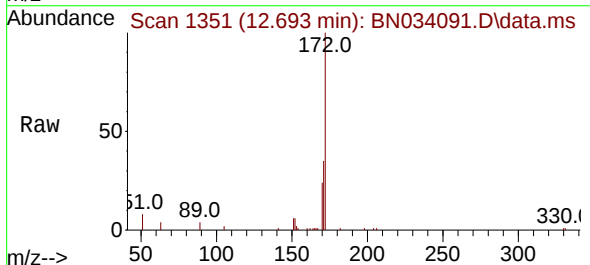
Instrument :
BNA_N
ClientSampleId :
GM38-RW-3-MW-1-20240911

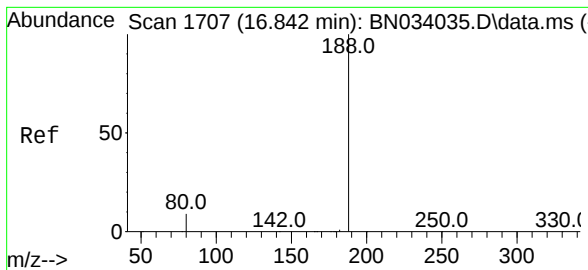
Tgt Ion:330 Resp: 1120
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 47.5 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

Tgt Ion:172 Resp: 11860
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 23.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034091.D

Acq: 20 Sep 2024 17:30

Instrument :

BNA_N

ClientSampleId :

GM38-RW-3-MW-1-20240911

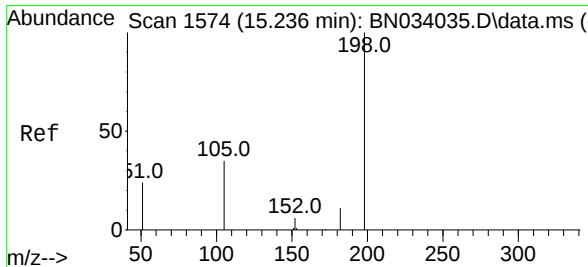
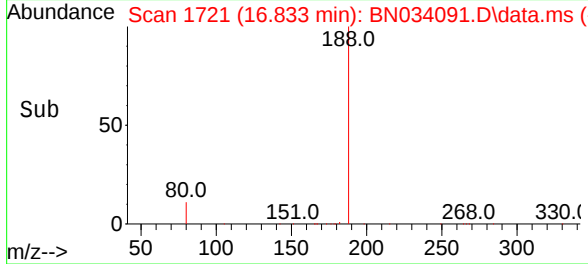
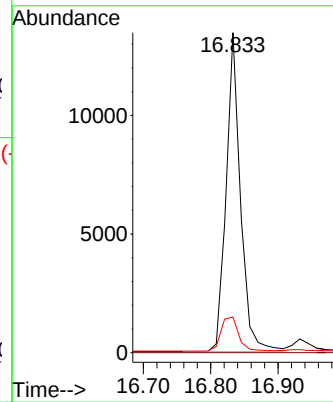
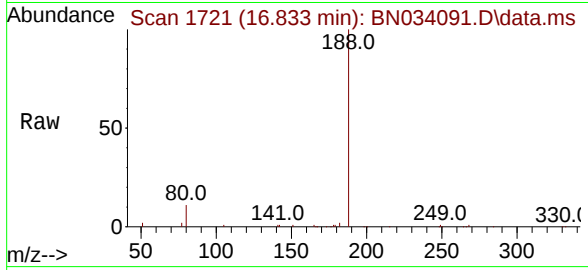
Tgt Ion:188 Resp: 19841

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.216 min Scan# 1587

Delta R.T. -0.020 min

Lab File: BN034091.D

Acq: 20 Sep 2024 17:30

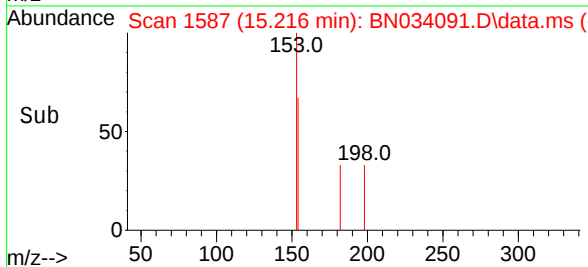
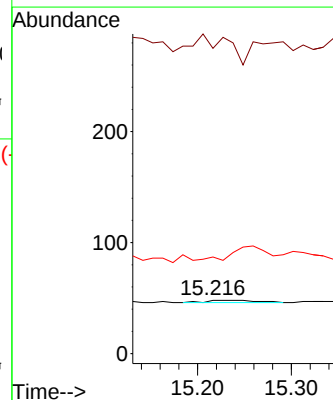
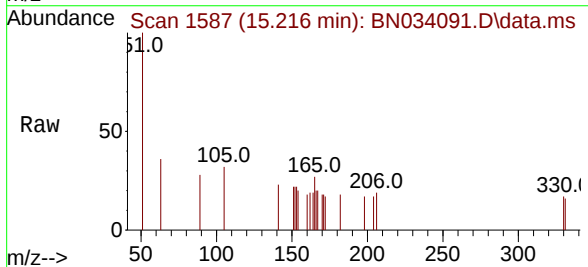
Tgt Ion:198 Resp: 8

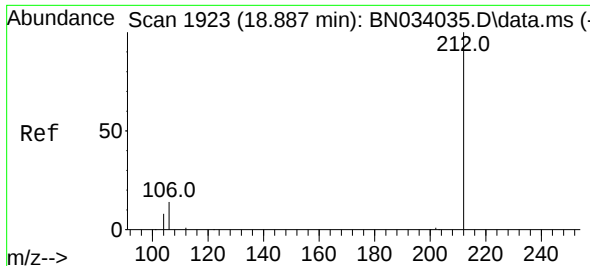
Ion Ratio Lower Upper

198 100

51 572.9 106.4 159.6#

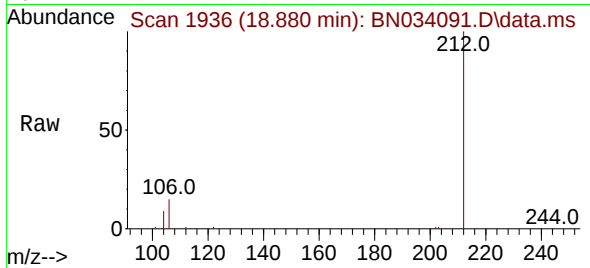
105 181.3 38.5 57.7#



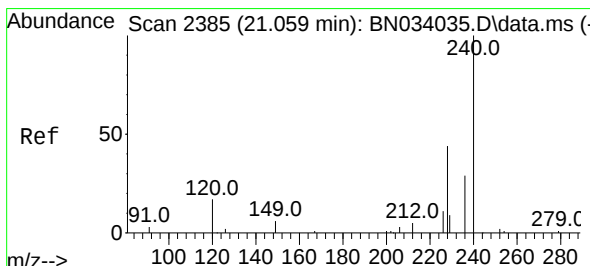
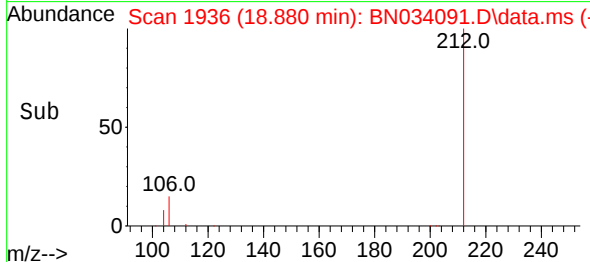
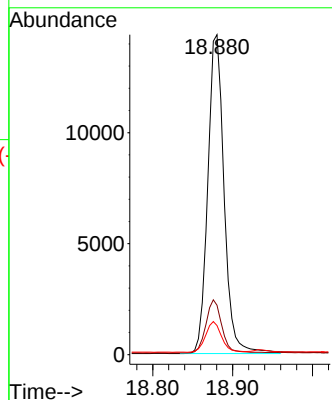


#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.880 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

Instrument :
BNA_N
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GM38-RW-3-MW-1-20240911

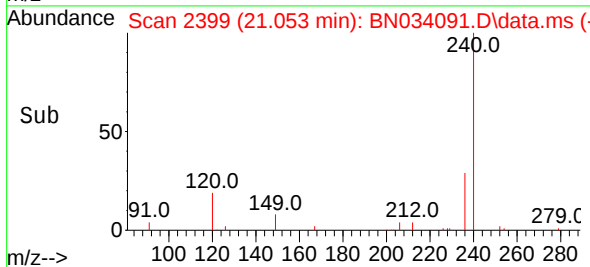
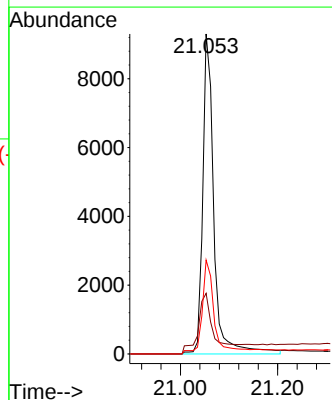
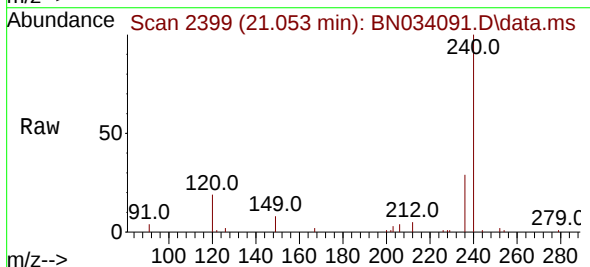


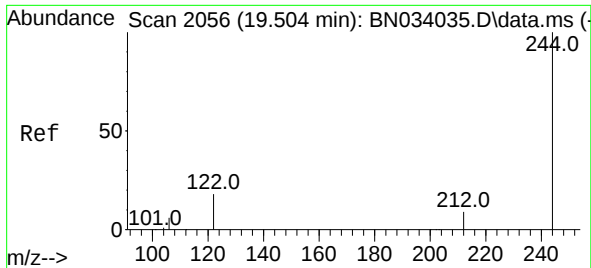
Tgt Ion:212 Resp: 20388
Ion Ratio Lower Upper
212 100
106 16.4 13.4 20.2
104 9.4 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

Tgt Ion:240 Resp: 14096
Ion Ratio Lower Upper
240 100
120 18.9 13.5 20.3
236 29.4 23.4 35.0

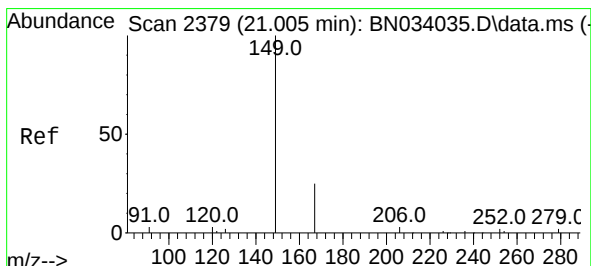
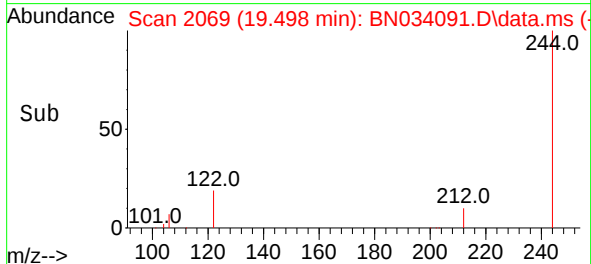
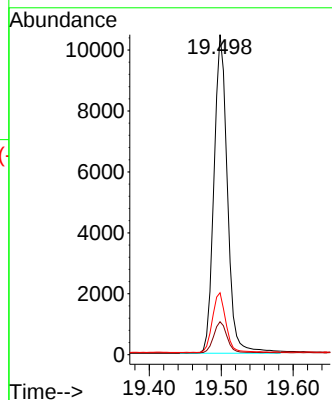
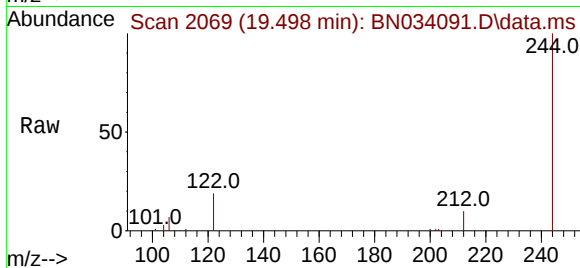




#31
Terphenyl-d14
Concen: 0.482 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

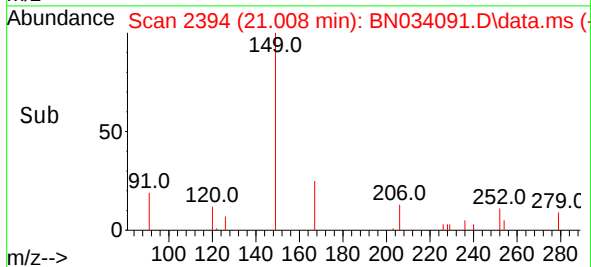
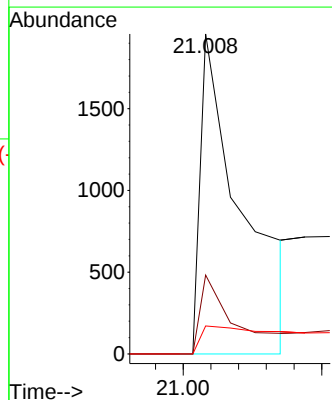
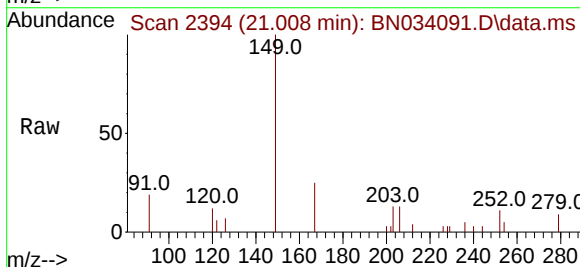
Instrument :
BNA_N
ClientSampleId :
GM38-RW-3-MW-1-20240911

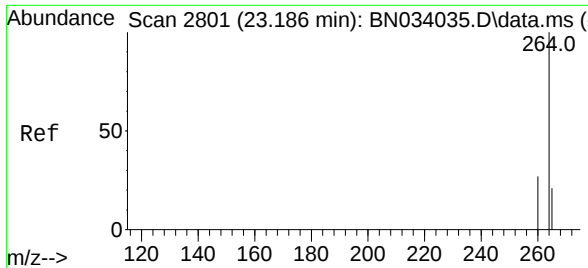
Tgt Ion:244 Resp: 13557
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 19.3 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034091.D
Acq: 20 Sep 2024 17:30

Tgt Ion:149 Resp: 1892
Ion Ratio Lower Upper
149 100
167 21.3 19.9 29.9
279 13.8 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.180 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN034091.D
 Acq: 20 Sep 2024 17:30

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW-3-MW-1-20240911

Tgt Ion:264	Resp:	11140
Ion Ratio	Lower	Upper
264	100	
260	26.8	21.7 32.5
265	73.6	52.1 78.1

