

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034090.D
 Acq On : 20 Sep 2024 16:53
 Operator : JU/RC
 Sample : P4003-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20240911

Quant Time: Sep 20 17:52:58 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)

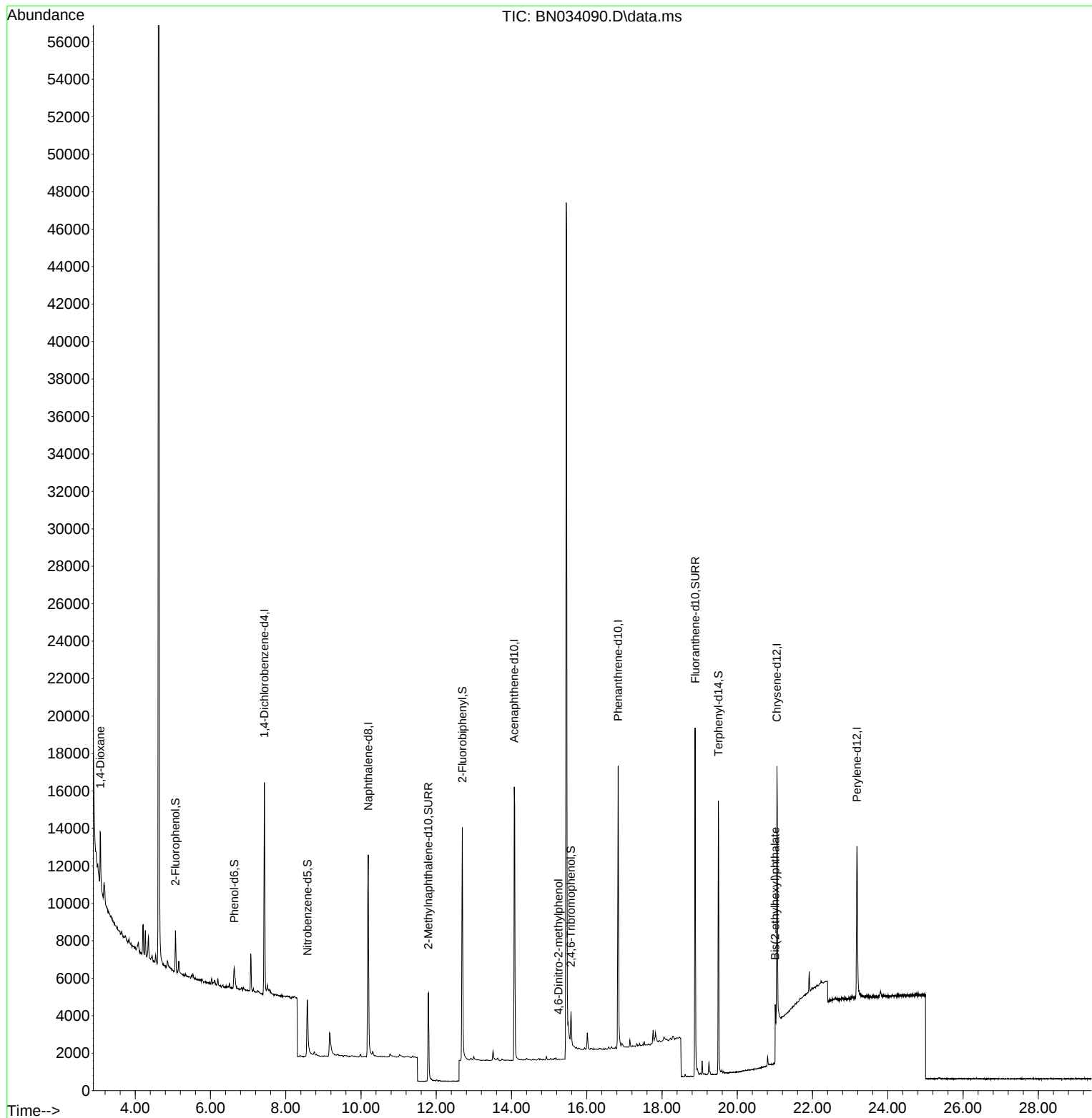
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5402	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15310	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	9126	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19467	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	13849	0.400	ng	# 0.00
35) Perylene-d12	23.180	264	10892	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1627	0.106	ng	0.00
5) Phenol-d6	6.629	99	1148	0.064	ng	0.00
8) Nitrobenzene-d5	8.578	82	3459	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	7233	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	974	0.236	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11776	0.317	ng	0.00
27) Fluoranthene-d10	18.880	212	20624	0.420	ng	0.00
31) Terphenyl-d14	19.498	244	13261	0.479	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	1894	0.280	ng	# 44
20) 4,6-Dinitro-2-methylph...	15.248	198	8	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1701	0.093	ng	# 92

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

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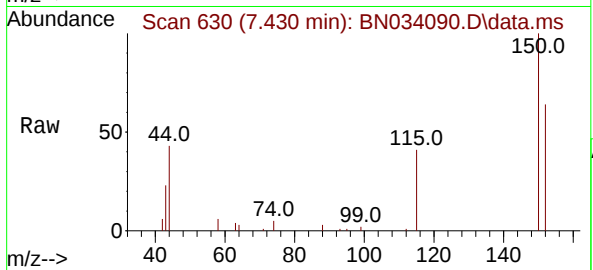
Quant Time: Sep 20 17:52:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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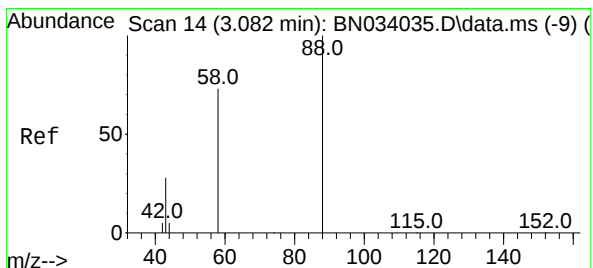
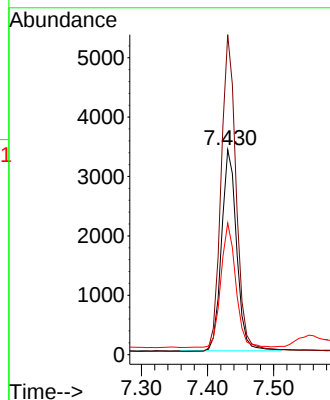
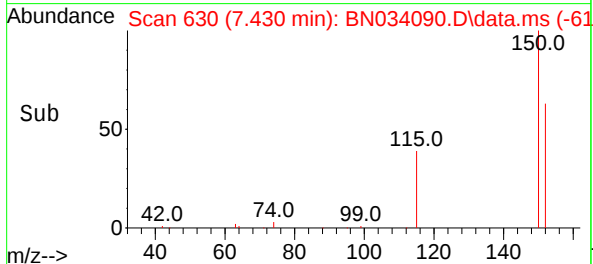


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

Instrument :
BNA_N
ClientSampleId :
MW178S-20240911

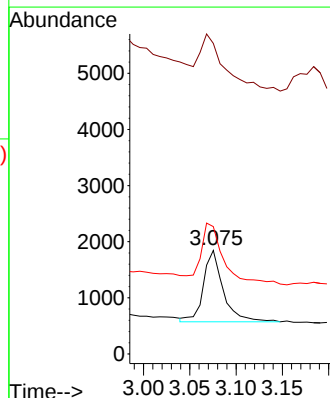
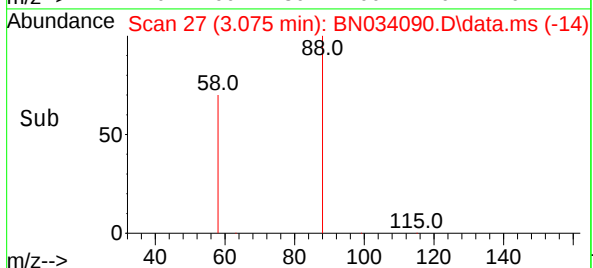
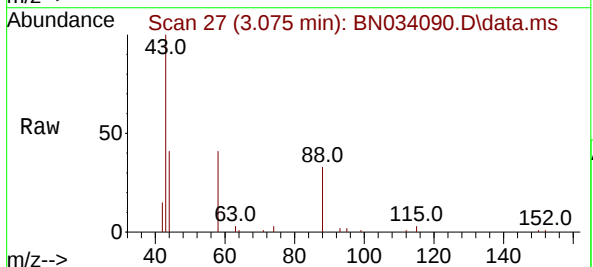


Tgt Ion:152 Resp: 5402
Ion Ratio Lower Upper
152 100
150 156.2 124.6 187.0
115 64.3 50.0 75.0



#2
1,4-Dioxane
Concen: 0.280 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

Tgt Ion: 88 Resp: 1894
Ion Ratio Lower Upper
88 100
43 100.4 25.8 38.8#
58 95.9 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.106 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034090.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_N

ClientSampleId :

MW178S-20240911

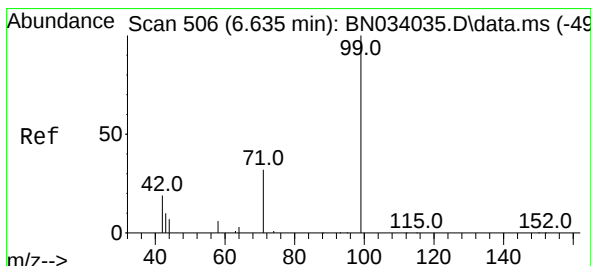
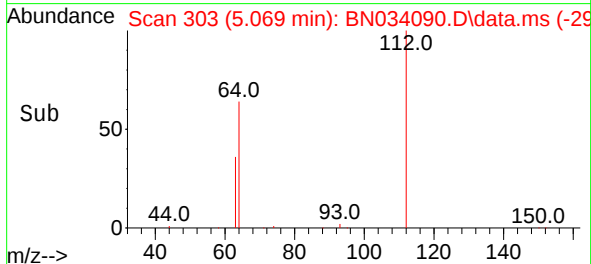
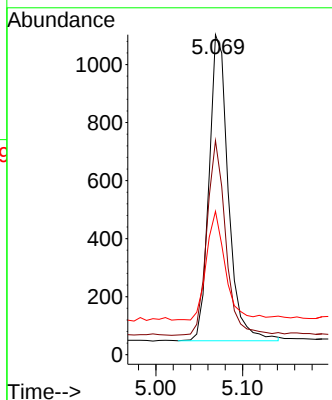
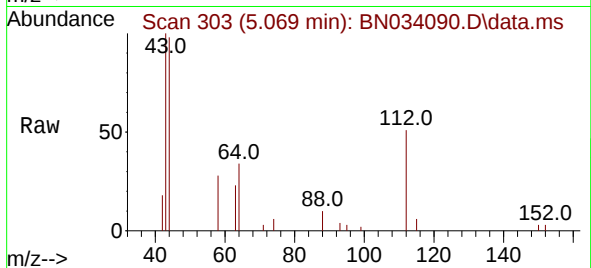
Tgt Ion:112 Resp: 1627

Ion Ratio Lower Upper

112 100

64 61.8 48.6 72.8

63 34.8 25.6 38.4



#5

Phenol-d6

Concen: 0.064 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034090.D

Acq: 20 Sep 2024 16:53

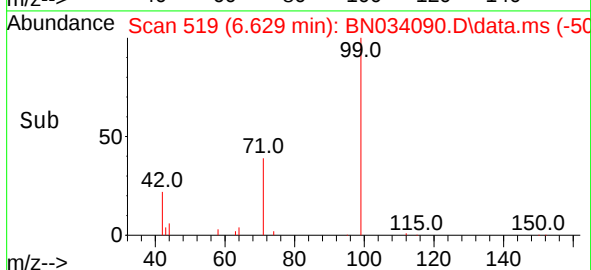
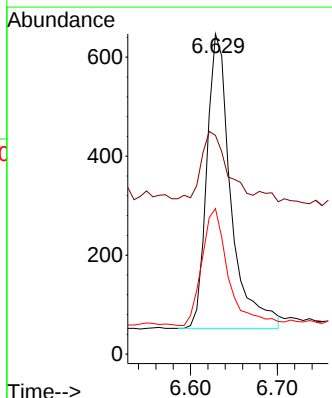
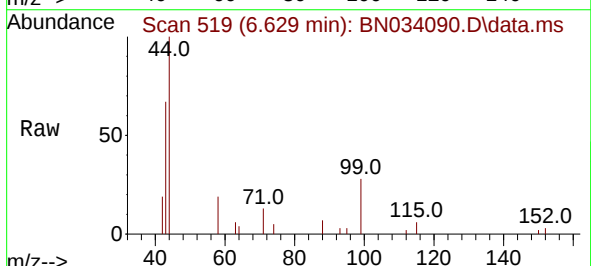
Tgt Ion: 99 Resp: 1148

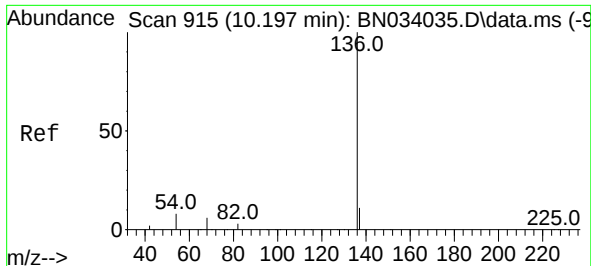
Ion Ratio Lower Upper

99 100

42 25.1 17.8 26.8

71 43.4 26.2 39.2#

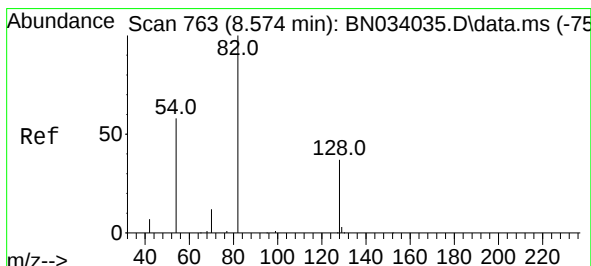
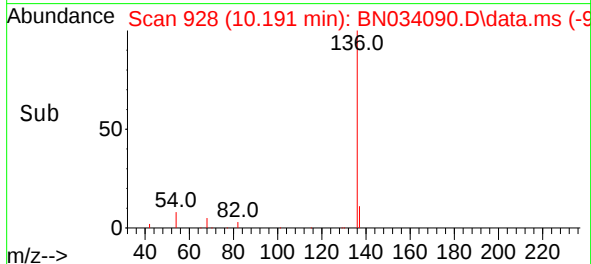
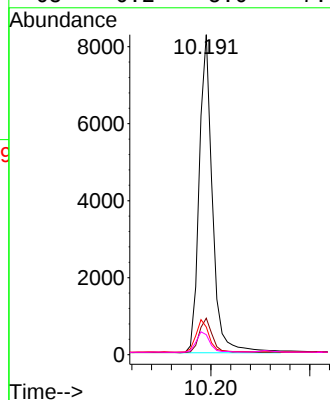
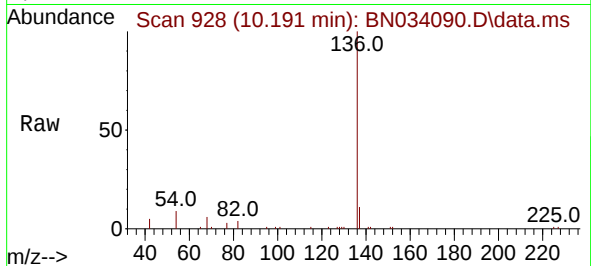




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

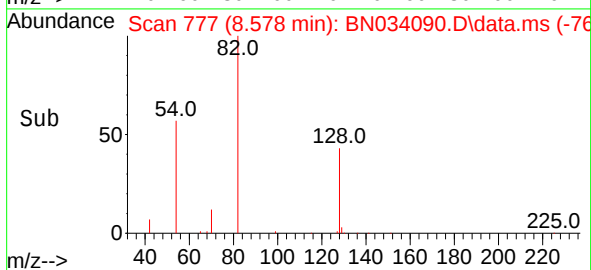
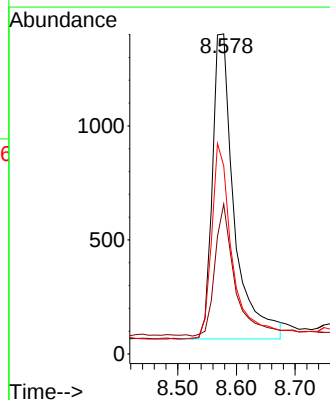
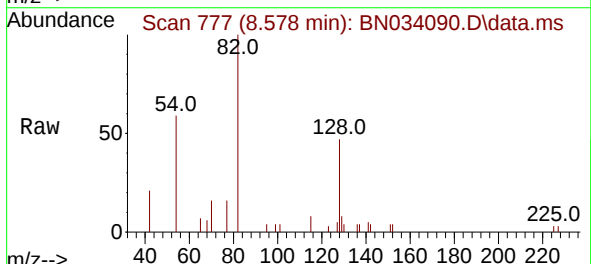
Instrument :
BNA_N
ClientSampleId :
MW178S-20240911

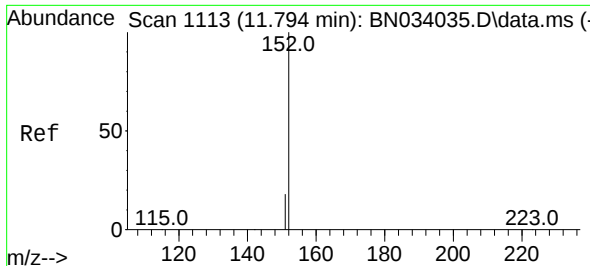
Tgt Ion:136	Resp:	15310
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	8.6	6.8 10.2
68	6.2	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.004 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

Tgt Ion: 82	Resp:	3459
Ion Ratio	Lower	Upper
82	100	
128	46.8	31.4 47.2
54	58.8	47.4 71.0

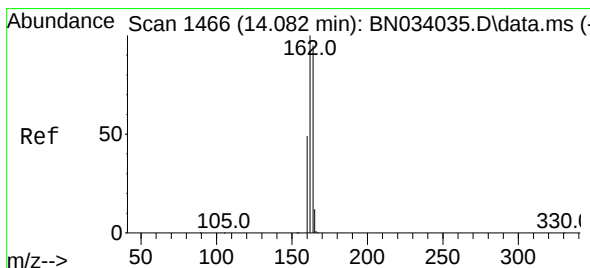
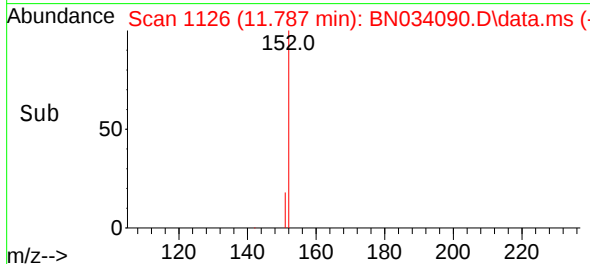
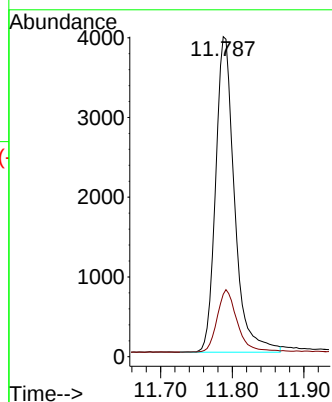
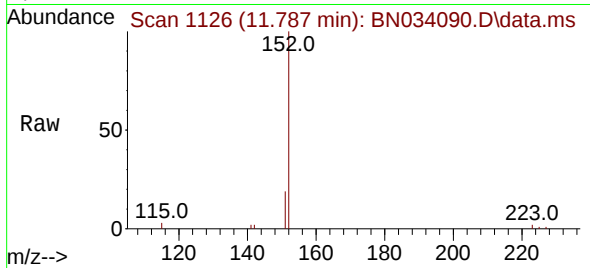




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

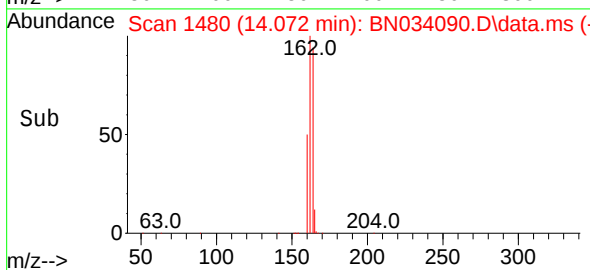
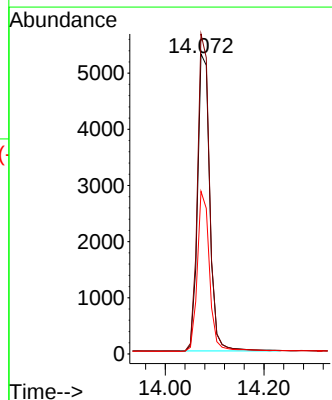
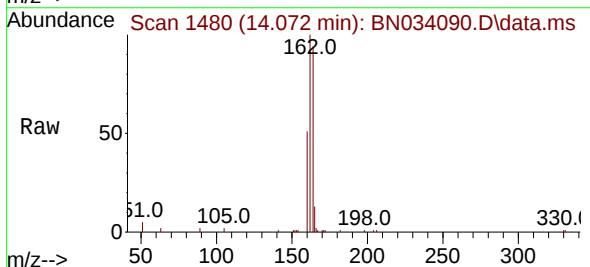
Instrument :
BNA_N
ClientSampleId :
MW178S-20240911

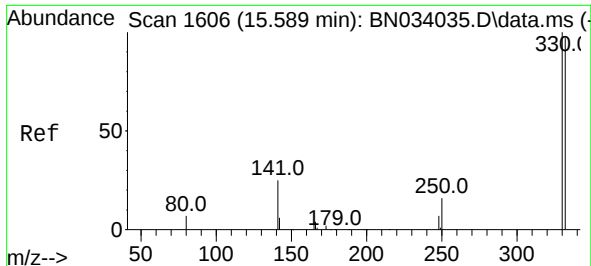
Tgt Ion:152 Resp: 7233
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

Tgt Ion:164 Resp: 9126
Ion Ratio Lower Upper
164 100
162 106.7 84.2 126.2
160 54.2 41.7 62.5

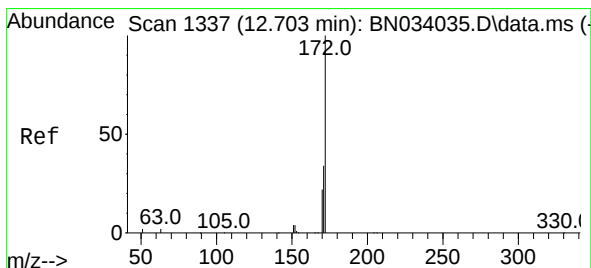
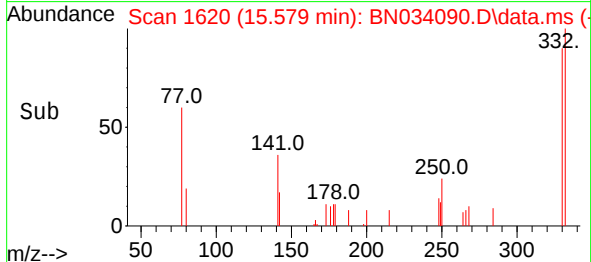
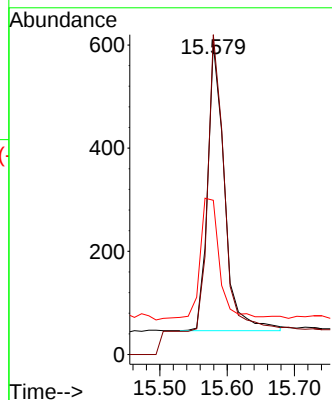
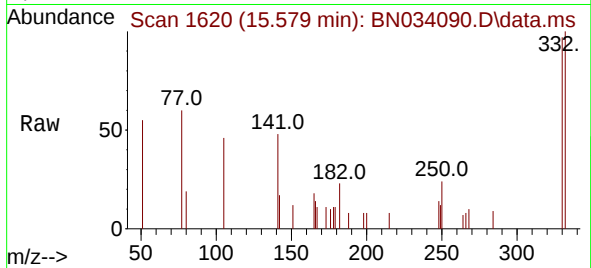




#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

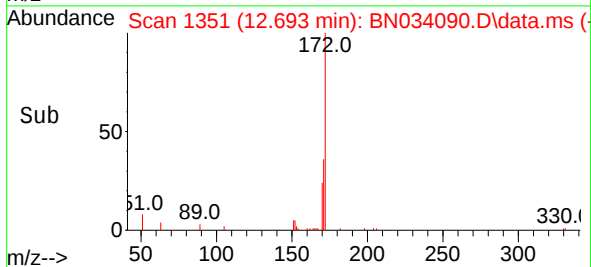
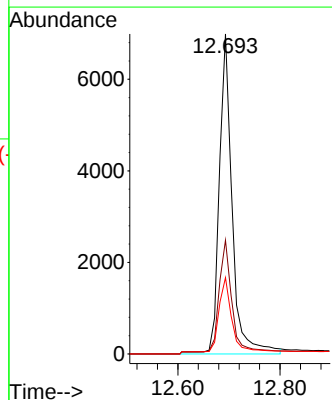
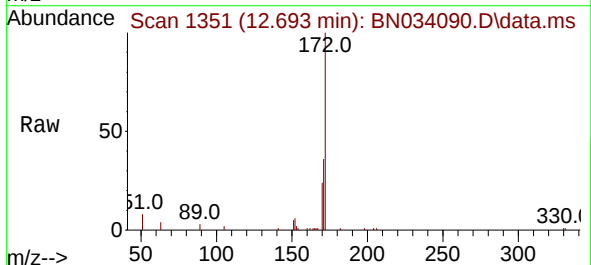
Instrument :
BNA_N
ClientSampleId :
MW178S-20240911

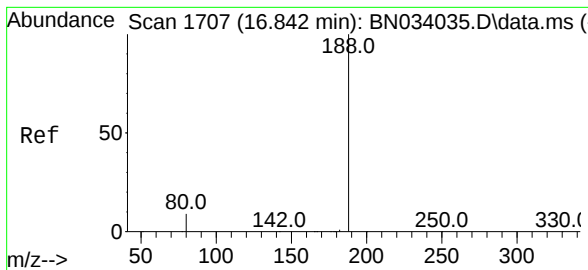
Tgt Ion:330 Resp: 974
Ion Ratio Lower Upper
330 100
332 99.8 77.4 116.0
141 47.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

Tgt Ion:172 Resp: 11776
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 23.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034090.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_N

ClientSampleId :

MW178S-20240911

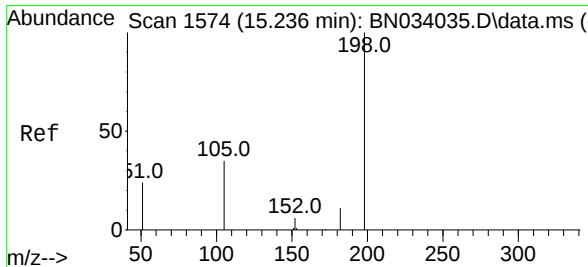
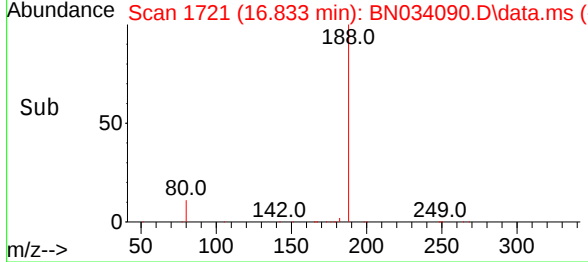
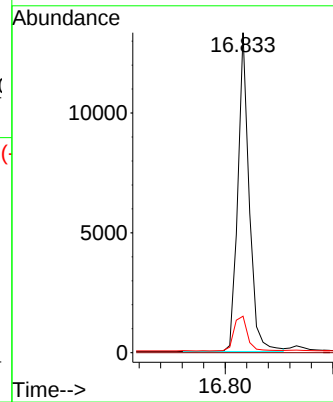
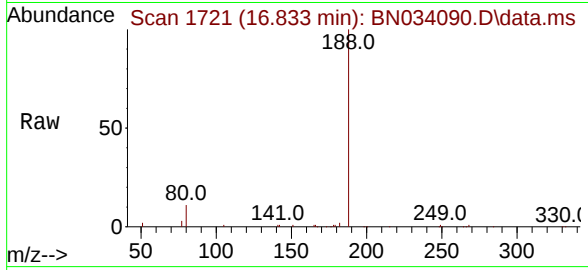
Tgt Ion:188 Resp: 19467

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.248 min Scan# 1590

Delta R.T. 0.012 min

Lab File: BN034090.D

Acq: 20 Sep 2024 16:53

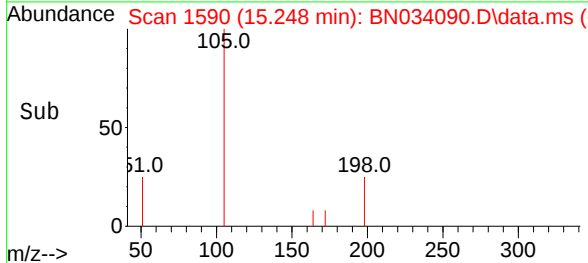
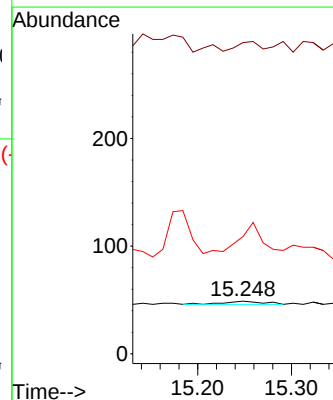
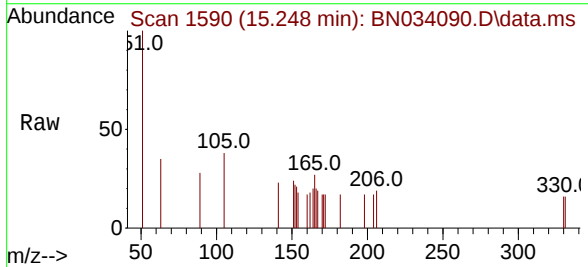
Tgt Ion:198 Resp: 8

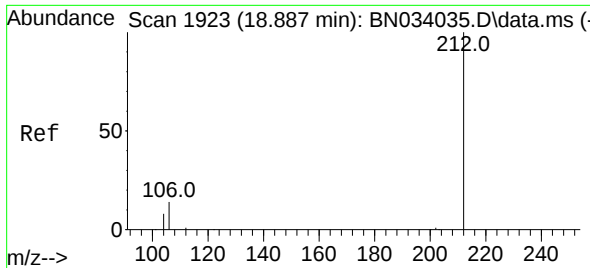
Ion Ratio Lower Upper

198 100

51 589.8 106.4 159.6#

105 222.4 38.5 57.7#

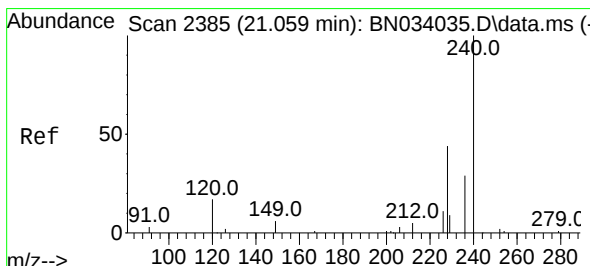
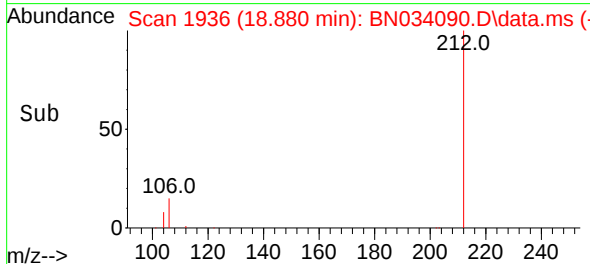
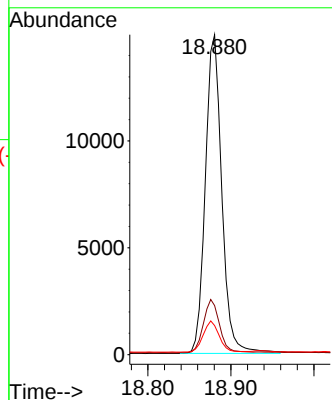
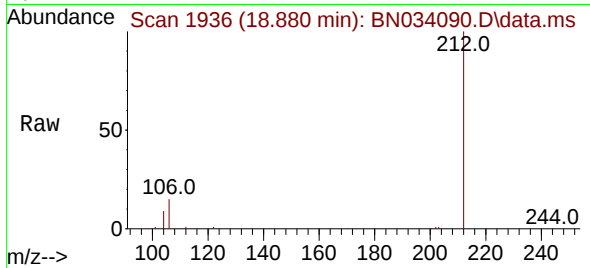




#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.880 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

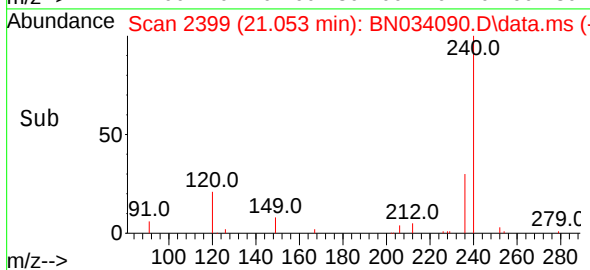
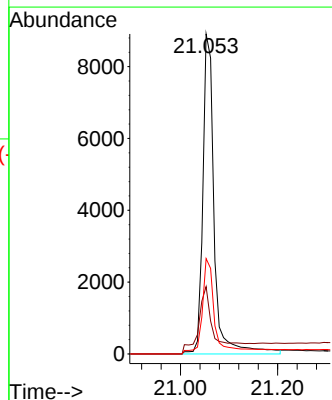
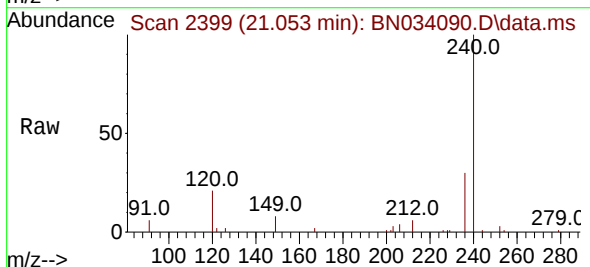
Instrument :
BNA_N
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MW178S-20240911

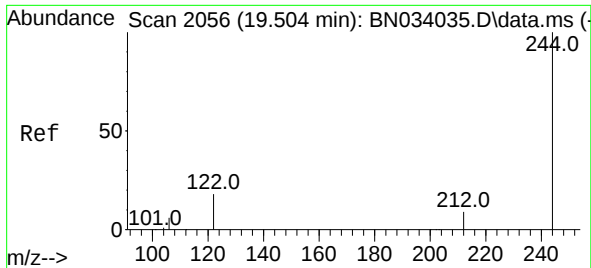
Tgt Ion:212 Resp: 20624
Ion Ratio Lower Upper
212 100
106 16.7 13.4 20.2
104 9.4 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

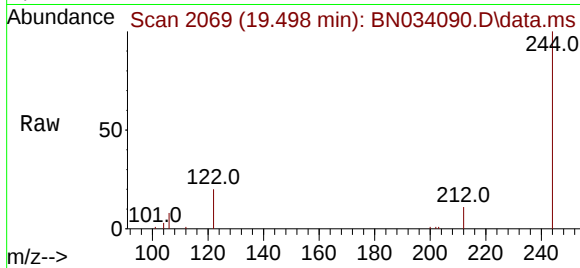
Tgt Ion:240 Resp: 13849
Ion Ratio Lower Upper
240 100
120 21.1 13.5 20.3#
236 29.8 23.4 35.0



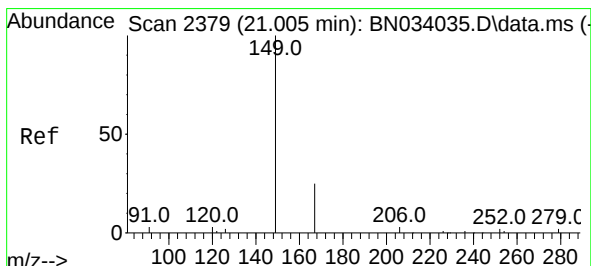
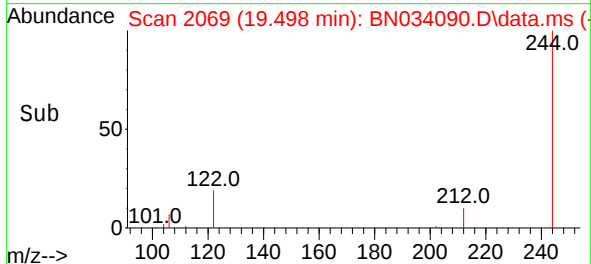
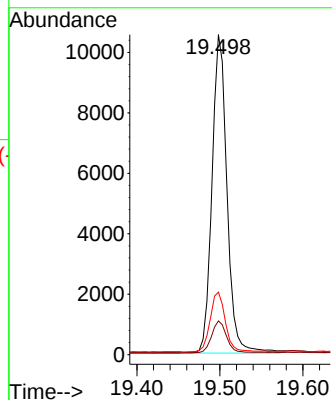


#31
Terphenyl-d14
Concen: 0.479 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

Instrument :
BNA_N
ClientSampleId :
MW178S-20240911

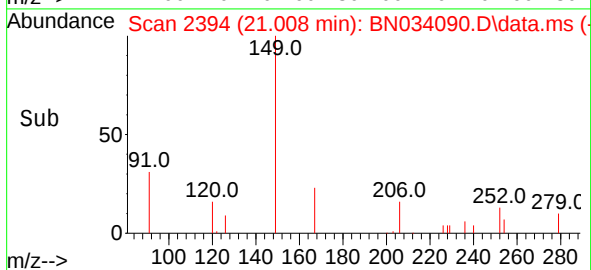
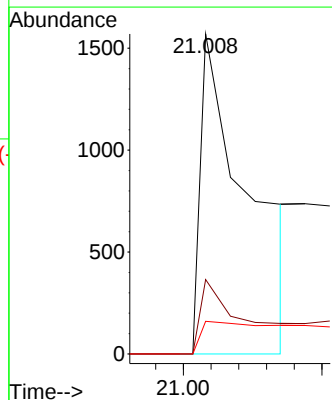
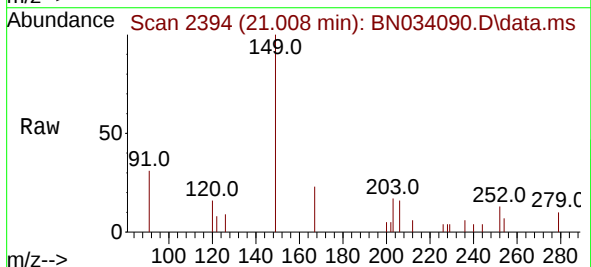


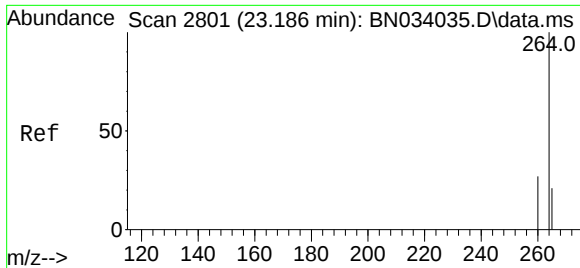
Tgt Ion:244 Resp: 13261
Ion Ratio Lower Upper
244 100
212 10.6 7.8 11.6
122 19.5 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034090.D
Acq: 20 Sep 2024 16:53

Tgt Ion:149 Resp: 1701
Ion Ratio Lower Upper
149 100
167 21.8 19.9 29.9
279 10.8 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: BN034090.D
 Acq: 20 Sep 2024 16:53

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20240911

Tgt Ion:264 Resp: 10892
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.7 32.5
 265 74.2 52.1 78.1

