

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN029998.D
 Acq On : 24 Feb 2024 18:32
 Operator : MA/JU
 Sample : P1520-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20240215

Quant Time: Feb 26 02:44:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

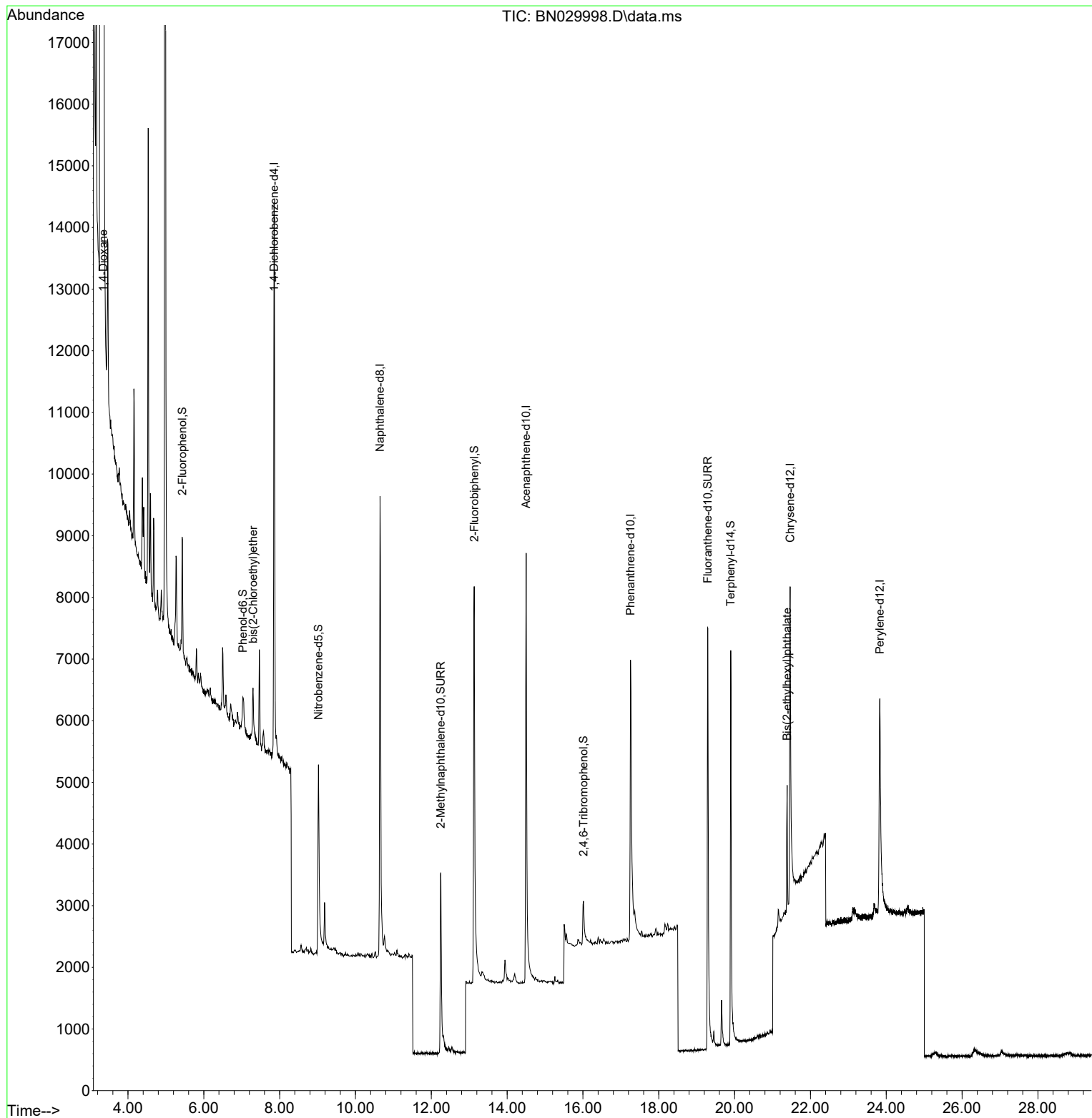
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4770	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12240	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	5564	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	11296	0.400	ng	# 0.00
29) Chrysene-d12	21.465	240	8185	0.400	ng	0.00
35) Perylene-d12	23.829	264	7663	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1639	0.143	ng	0.00
5) Phenol-d6	7.031	99	866	0.066	ng	0.00
8) Nitrobenzene-d5	9.025	82	3728	0.366	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	5924	0.355	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	701	0.393	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	8399	0.352	ng	0.01
27) Fluoranthene-d10	19.294	212	11013	0.403	ng	0.00
31) Terphenyl-d14	19.898	244	8491	0.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	14474	2.155	ng	# 93
6) bis(2-Chloroethyl)ether	7.298	93	811	0.064	ng	95
34) Bis(2-ethylhexyl)phtha...	21.384	149	2167	0.114	ng	# 96

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

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BNA_N
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RE108D2-20240215

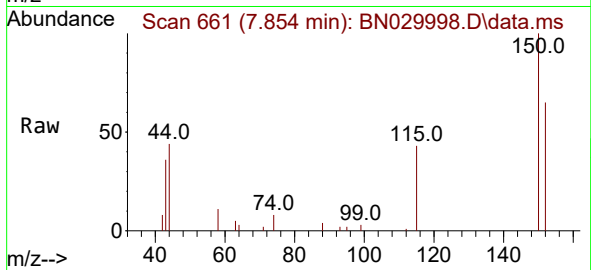
Quant Time: Feb 26 02:44:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



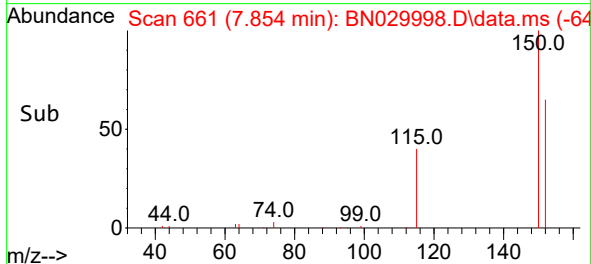
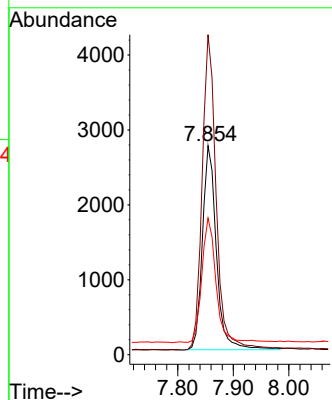


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

Instrument :
BNA_N
ClientSampleId :
RE108D2-20240215

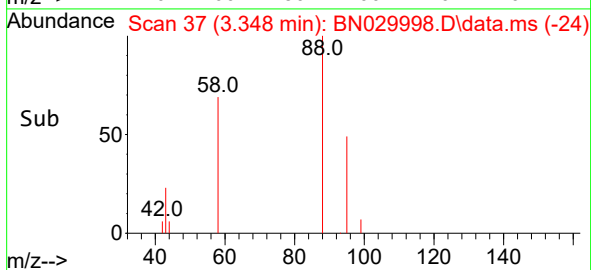
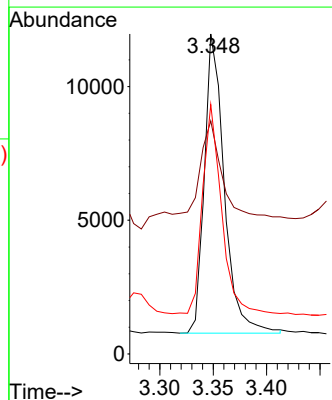
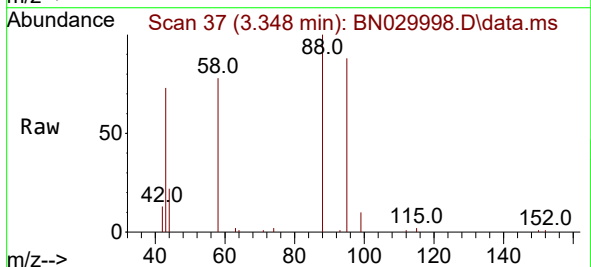


Tgt Ion:152 Resp: 4770
Ion Ratio Lower Upper
152 100
150 153.2 123.0 184.4
115 65.4 51.4 77.0



#2
1,4-Dioxane
Concen: 2.155 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

Tgt Ion: 88 Resp: 14474
Ion Ratio Lower Upper
88 100
43 40.5 23.3 34.9#
58 66.6 53.8 80.6

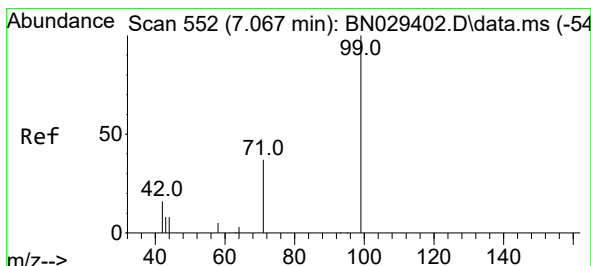
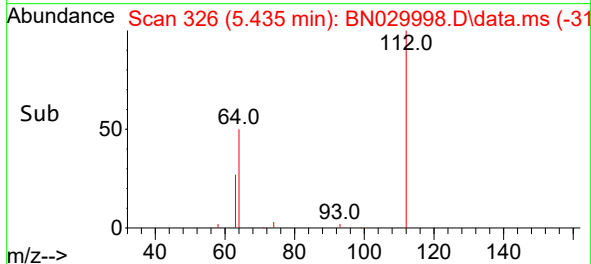
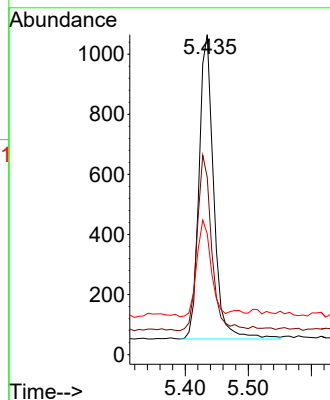
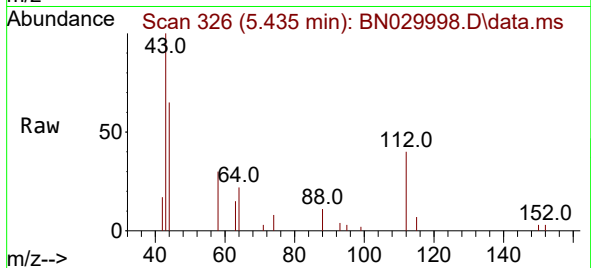




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.435 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

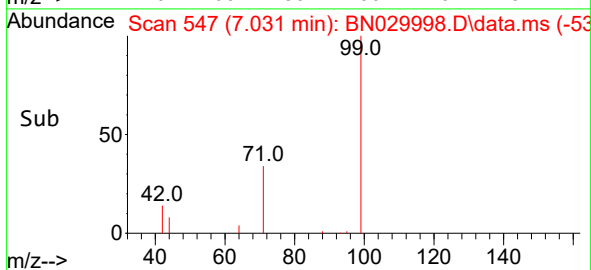
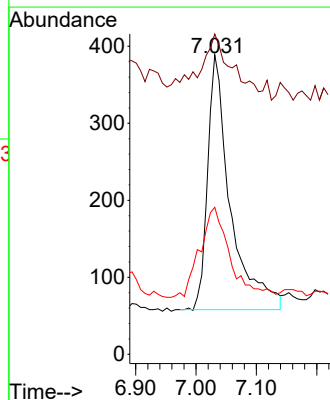
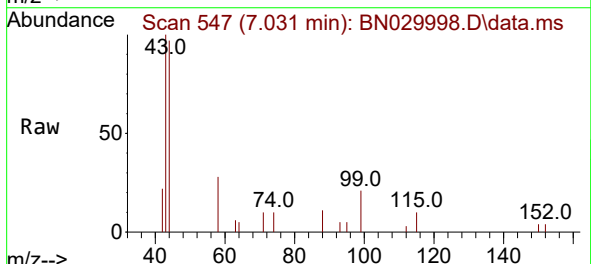
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240215

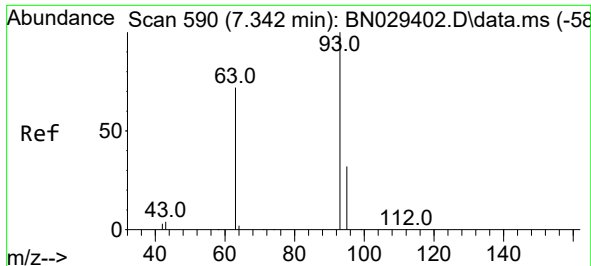
Tgt Ion:112 Resp: 1639
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 30.6 25.8 38.6



#5
Phenol-d6
Concen: 0.066 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

Tgt Ion: 99 Resp: 866
Ion Ratio Lower Upper
99 100
42 42.1 16.9 25.3#
71 46.5 30.0 45.0#

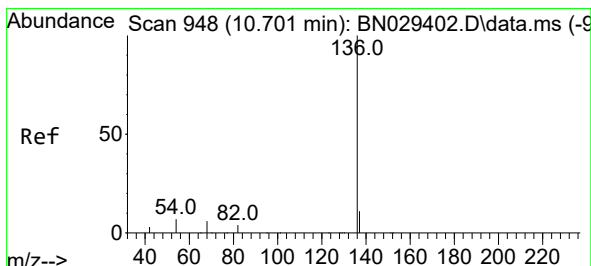
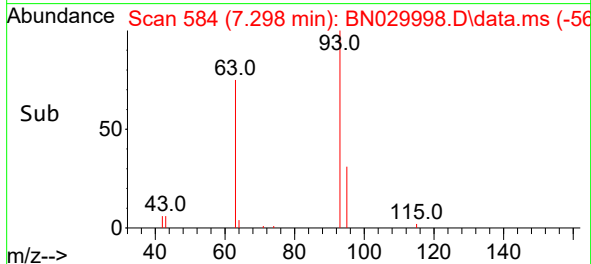
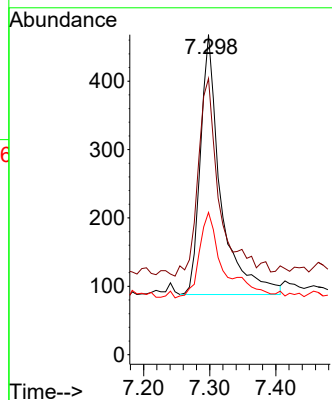
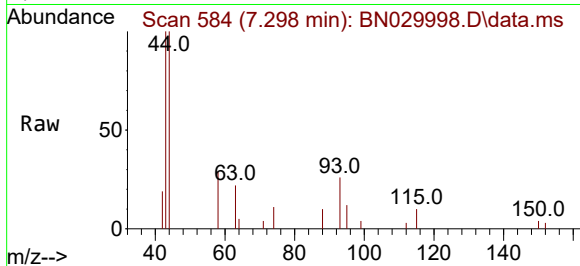




#6
bis(2-Chloroethyl)ether
Concen: 0.064 ng
RT: 7.298 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

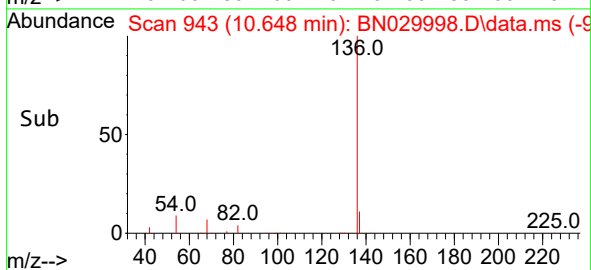
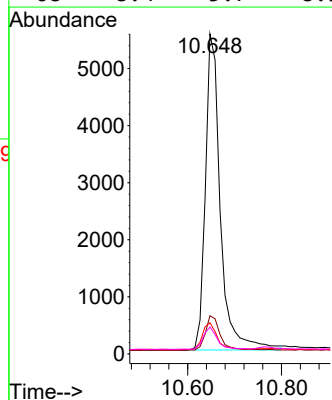
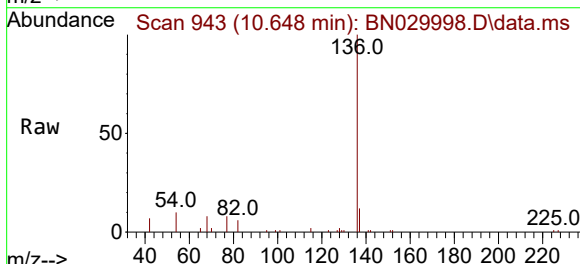
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240215

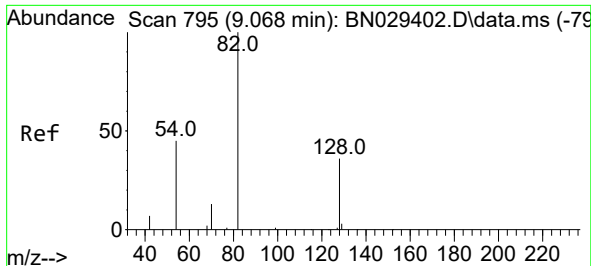
Tgt Ion: 93	Resp:	811
Ion	Ratio	Lower Upper
93	100	
63	81.4	63.1 94.7
95	39.3	27.1 40.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

Tgt Ion: 136	Resp:	12240
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.7 14.5
54	9.8	6.6 10.0
68	8.4	5.7 8.5

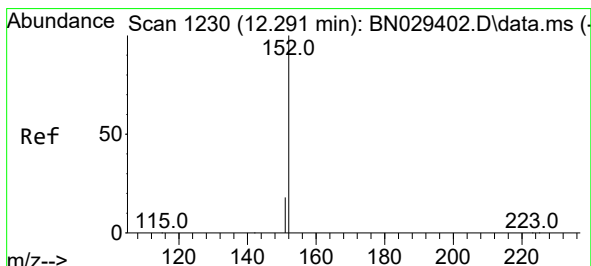
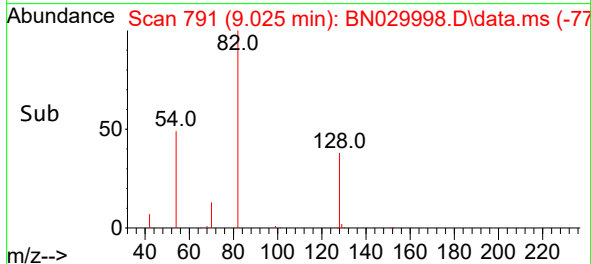
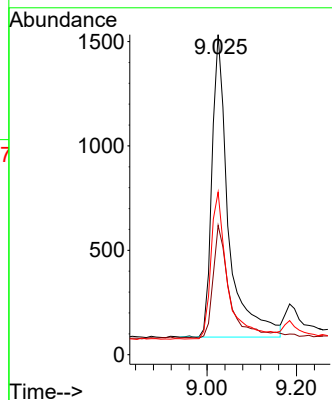
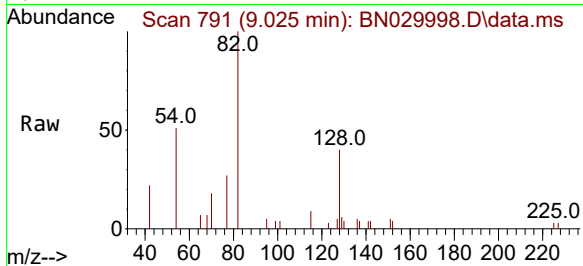




#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.025 min Scan# 795
Delta R.T. 0.011 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

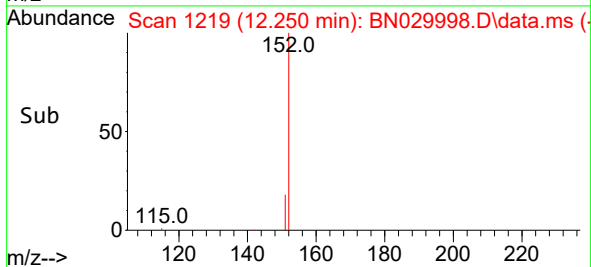
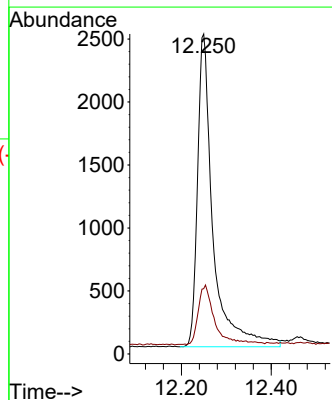
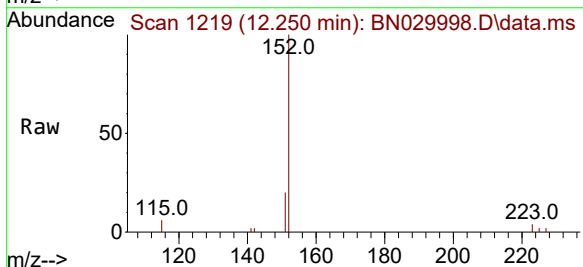
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240215

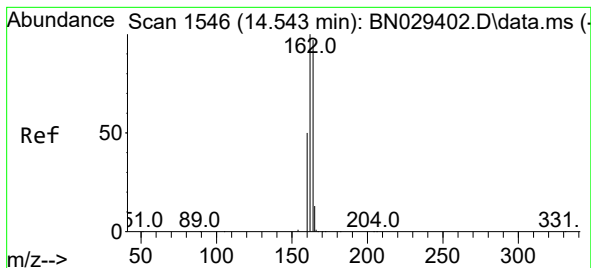
Tgt Ion: 82 Resp: 3728
Ion Ratio Lower Upper
82 100
128 40.4 31.6 47.4
54 50.8 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

Tgt Ion: 152 Resp: 5924
Ion Ratio Lower Upper
152 100
151 20.1 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN029998.D

Acq: 24 Feb 2024 18:32

Instrument :

BNA_N

ClientSampleId :

RE108D2-20240215

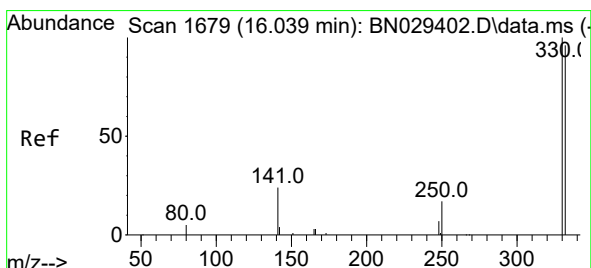
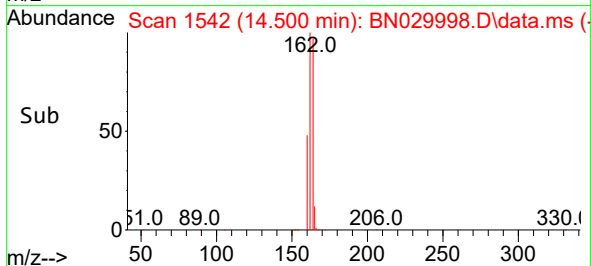
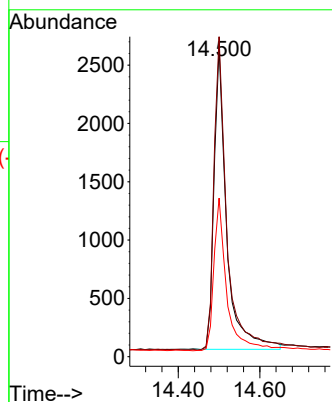
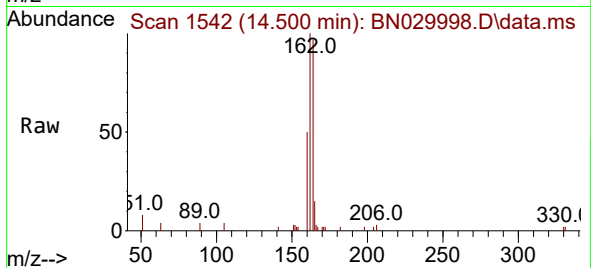
Tgt Ion:164 Resp: 5564

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 51.3 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.393 ng

RT: 16.014 min Scan# 1677

Delta R.T. 0.012 min

Lab File: BN029998.D

Acq: 24 Feb 2024 18:32

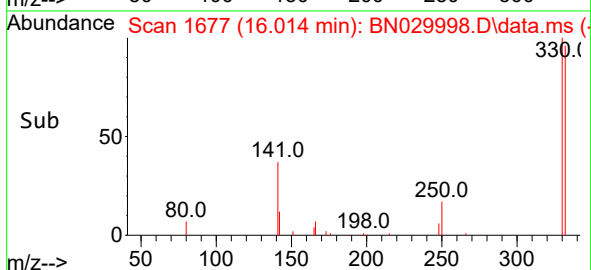
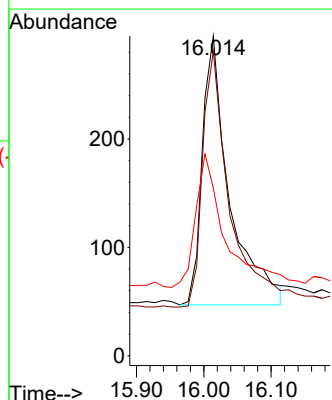
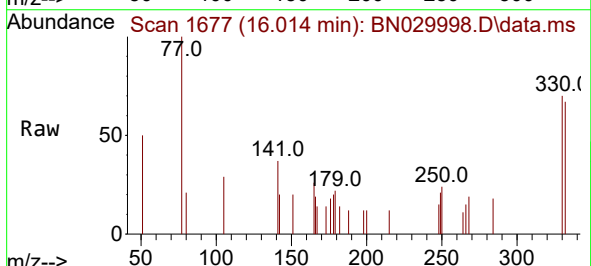
Tgt Ion:330 Resp: 701

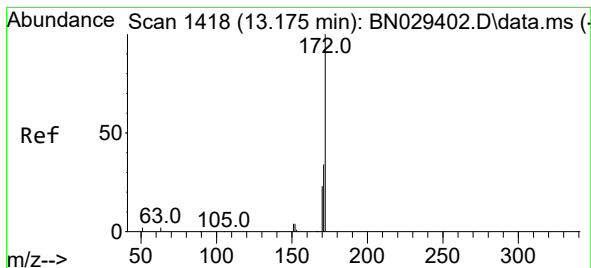
Ion Ratio Lower Upper

330 100

332 94.0 76.0 114.0

141 53.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.352 ng

RT: 13.132 min Scan# 1418

Delta R.T. 0.011 min

Lab File: BN029998.D

Acq: 24 Feb 2024 18:32

Instrument :

BNA_N

ClientSampleId :

RE108D2-20240215

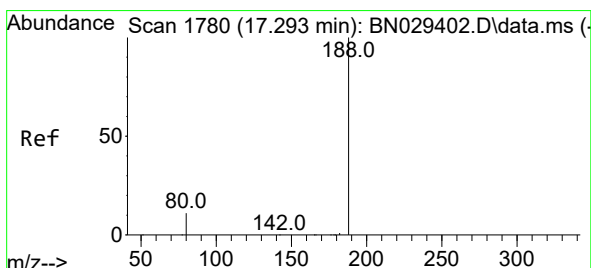
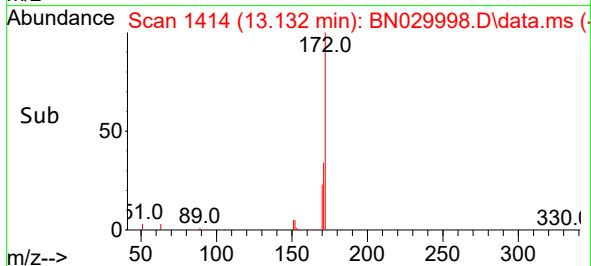
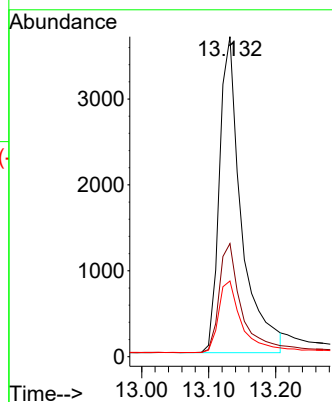
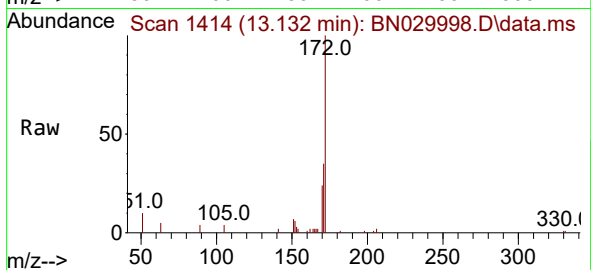
Tgt Ion:172 Resp: 8399

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.6 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BN029998.D

Acq: 24 Feb 2024 18:32

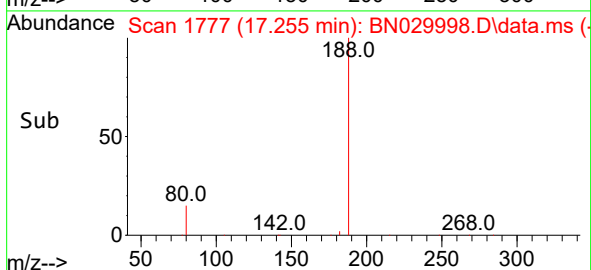
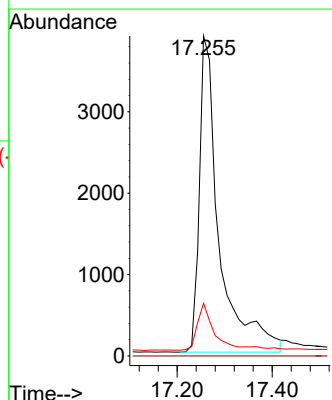
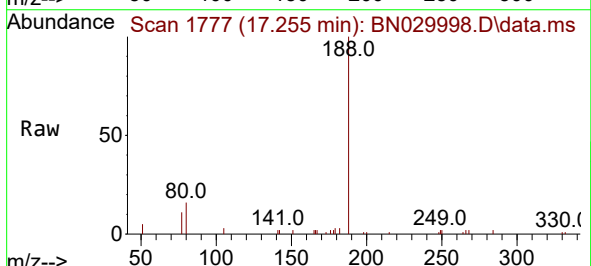
Tgt Ion:188 Resp: 11296

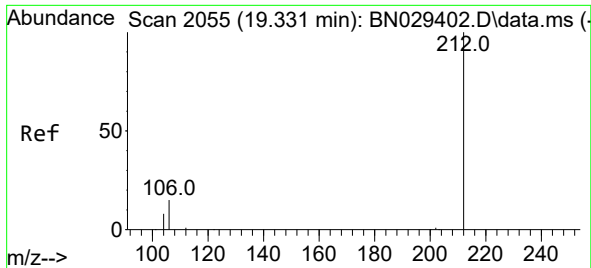
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.5 10.0 15.0#

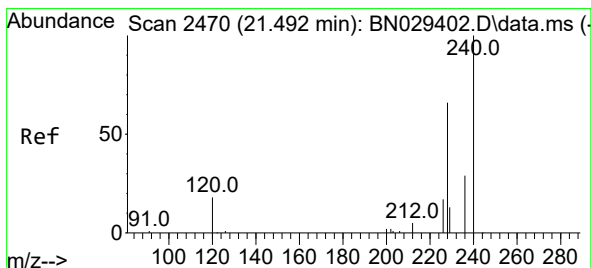
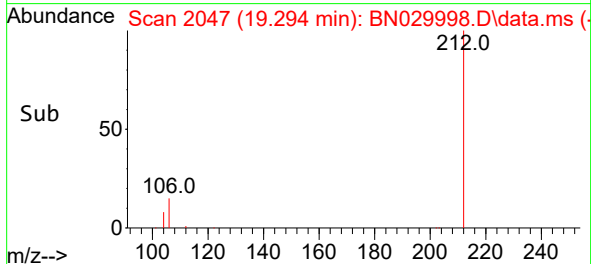
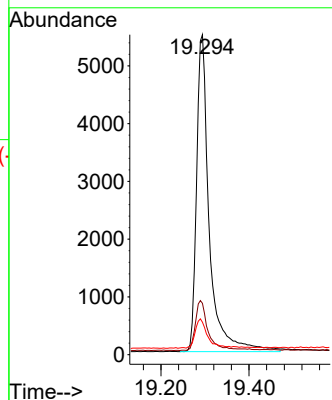
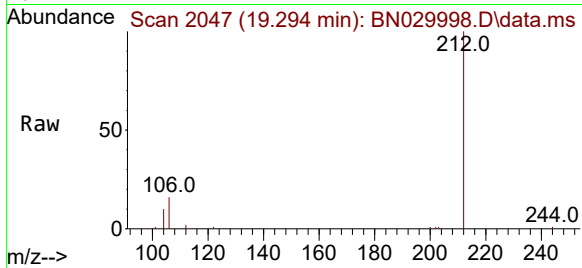




#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.294 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

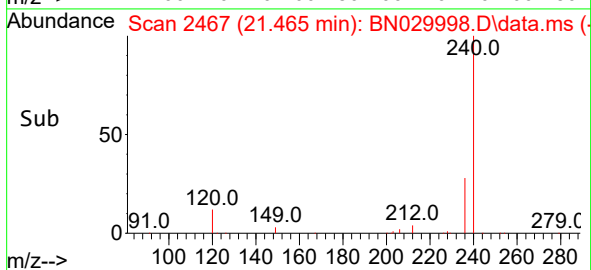
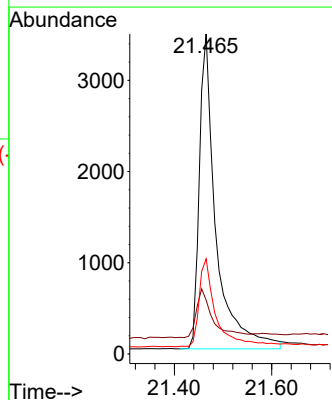
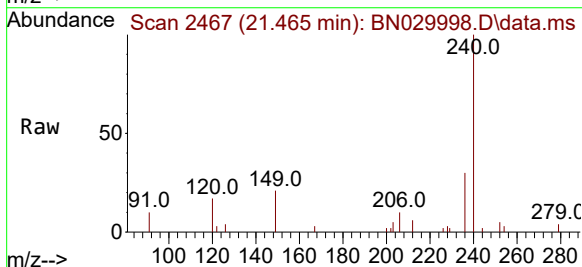
Instrument :
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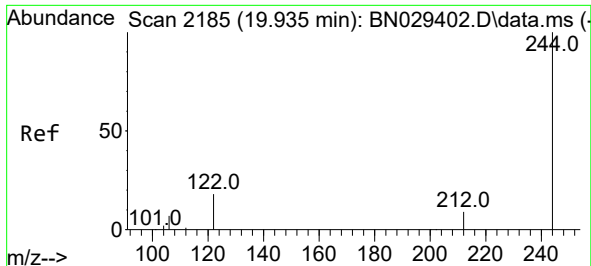
Tgt Ion:212 Resp: 11013
Ion Ratio Lower Upper
212 100
106 15.4 13.2 19.8
104 9.0 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

Tgt Ion:240 Resp: 8185
Ion Ratio Lower Upper
240 100
120 16.9 16.7 25.1
236 29.8 23.9 35.9

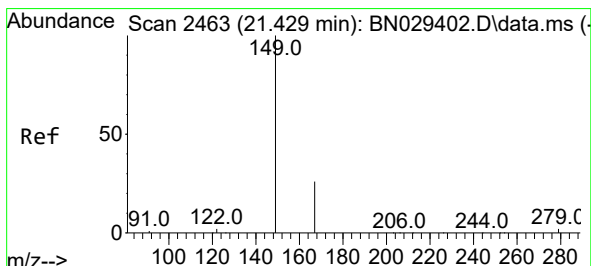
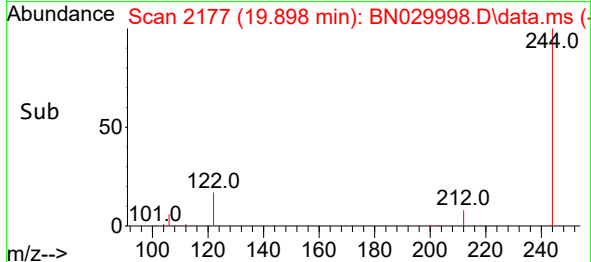
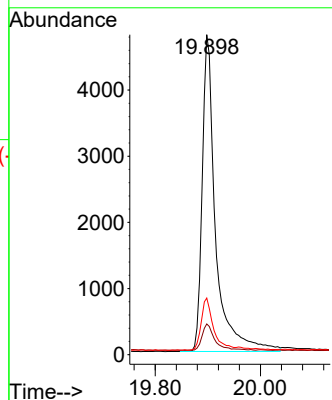
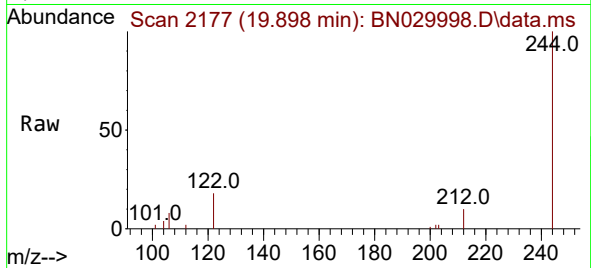




#31
Terphenyl-d14
Concen: 0.418 ng
RT: 19.898 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

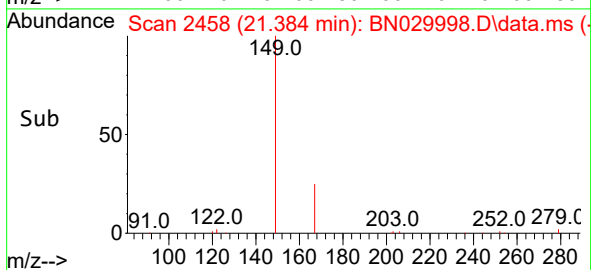
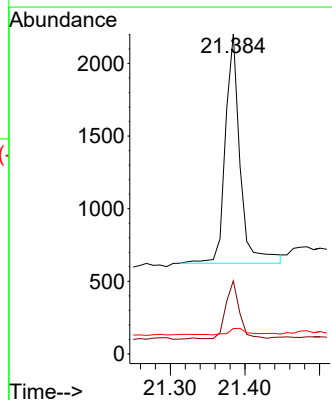
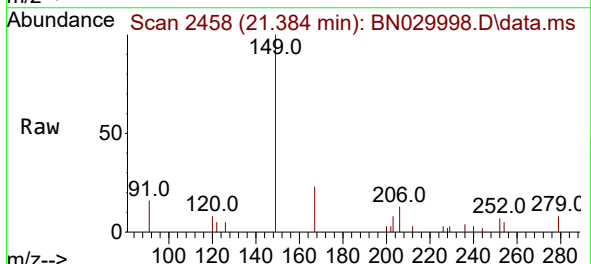
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240215

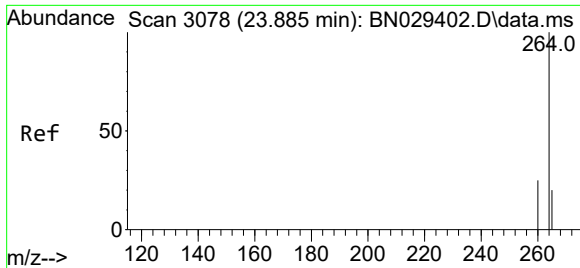
Tgt Ion:244 Resp: 8491
Ion Ratio Lower Upper
244 100
212 9.6 8.2 12.4
122 17.7 15.6 23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.384 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BN029998.D
Acq: 24 Feb 2024 18:32

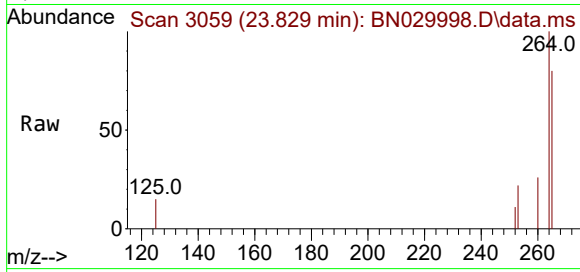
Tgt Ion:149 Resp: 2167
Ion Ratio Lower Upper
149 100
167 22.9 20.1 30.1
279 3.7 2.5 3.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.829 min Scan# 3078
 Delta R.T. 0.009 min
 Lab File: BN029998.D
 Acq: 24 Feb 2024 18:32

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20240215



Tgt Ion:264 Resp: 7663
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 79.9 41.5 62.3#

