

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
 Data File : BN019397.D
 Acq On : 08 Apr 2022 20:24
 Operator : CG/JU
 Sample : N2333-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-9D

Quant Time: Apr 11 04:11:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

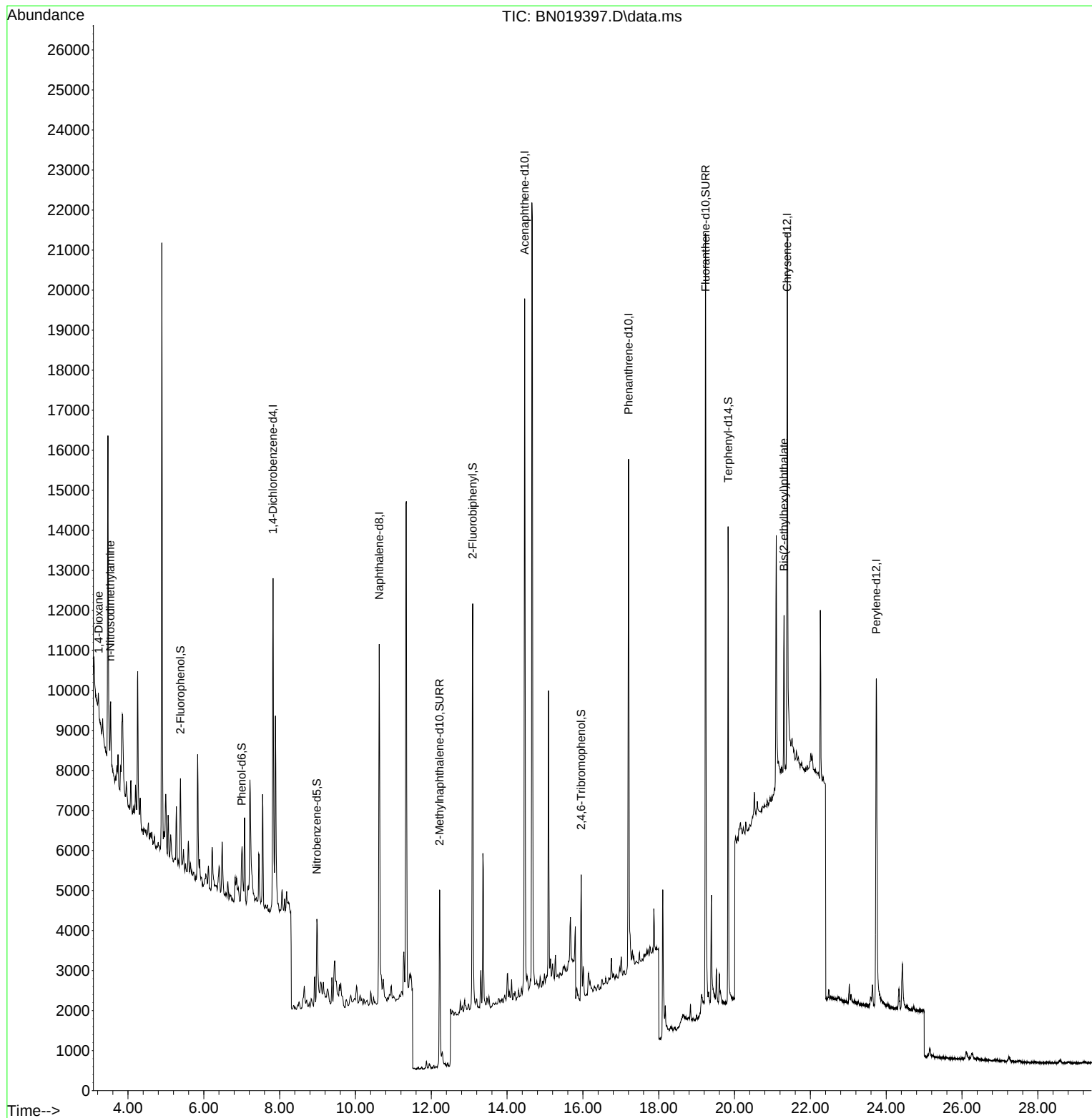
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4353	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	12974	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	8786	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	17874	0.400	ng	0.00
29) Chrysene-d12	21.386	240	15629	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	13148	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1915	0.164	ng	0.00
5) Phenol-d6	7.002	99	1305	0.093	ng	0.01
8) Nitrobenzene-d5	8.982	82	2957	0.251	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	6668	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1846	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	10148	0.278	ng	0.00
27) Fluoranthene-d10	19.236	212	22745	0.395	ng	0.00
31) Terphenyl-d14	19.830	244	13139	0.387	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.225	88	185	0.036	ng	# 1
3) n-Nitrosodimethylamine	3.535	42	143	0.021	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.306	149	3682	0.086	ng	# 99

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

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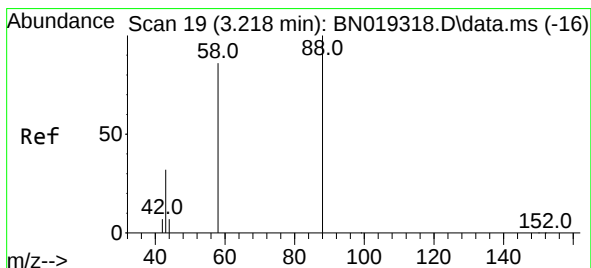
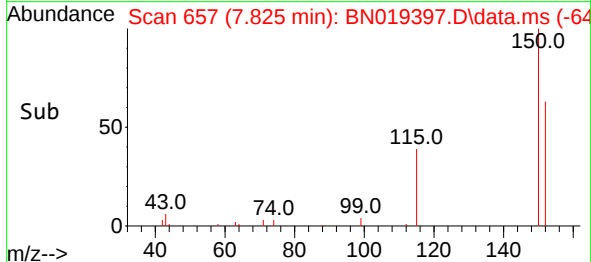
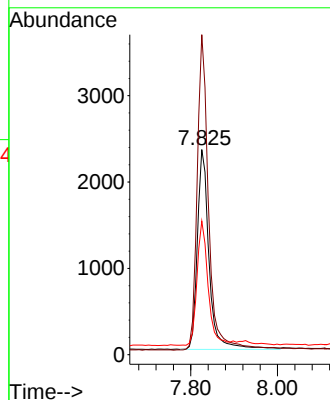
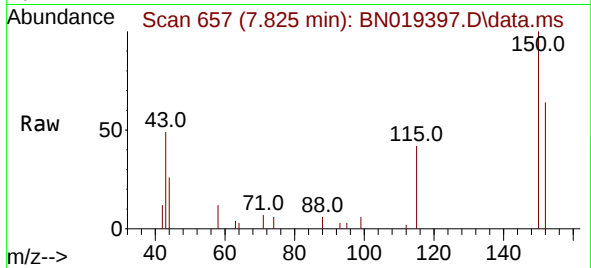




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN019397.D
 Acq: 08 Apr 2022 20:24

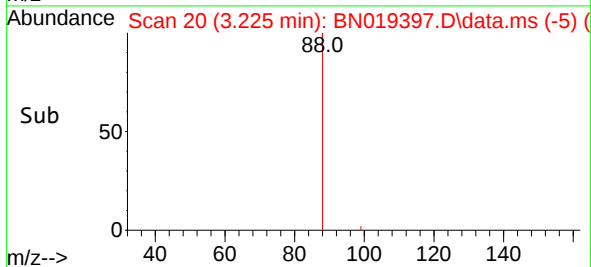
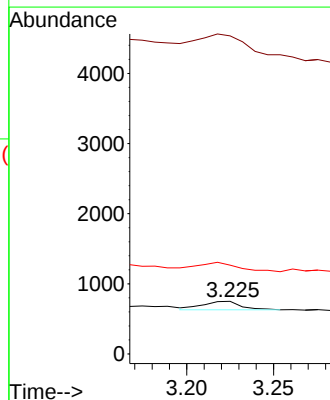
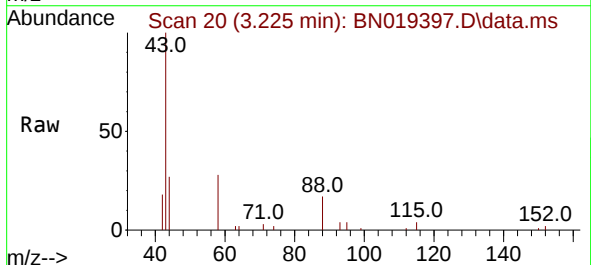
Instrument :
 BNA_N
 ClientSampleId :
 MW-9D

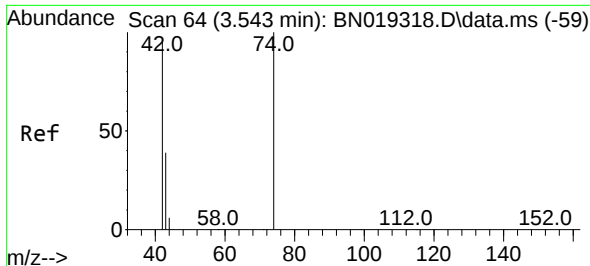
Tgt Ion:152 Resp: 4353
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.9 185.9
 115 65.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.225 min Scan# 20
 Delta R.T. 0.007 min
 Lab File: BN019397.D
 Acq: 08 Apr 2022 20:24

Tgt Ion: 88 Resp: 185
 Ion Ratio Lower Upper
 88 100
 43 291.4 24.6 37.0#
 58 115.7 65.4 98.2#

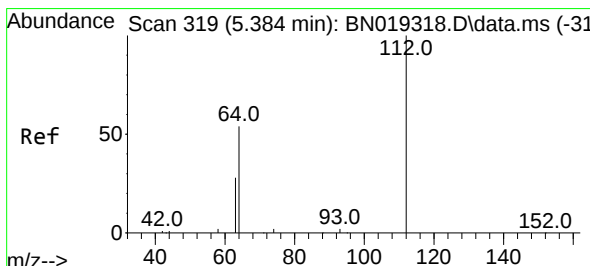
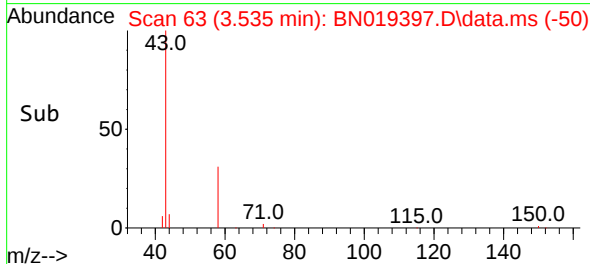
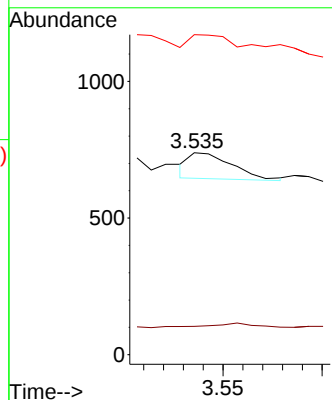
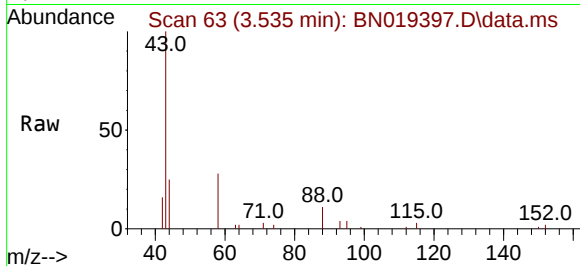




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

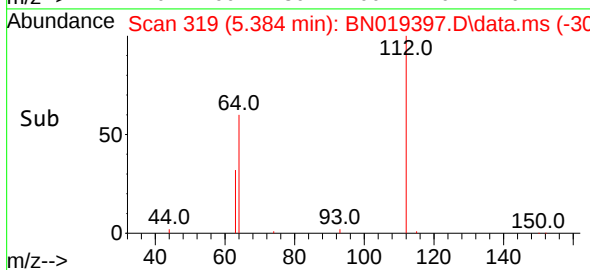
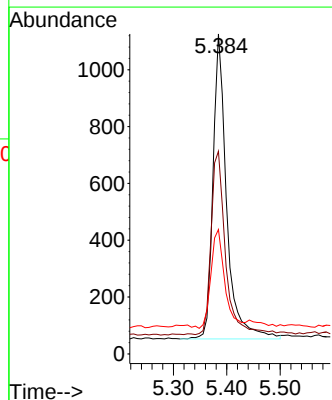
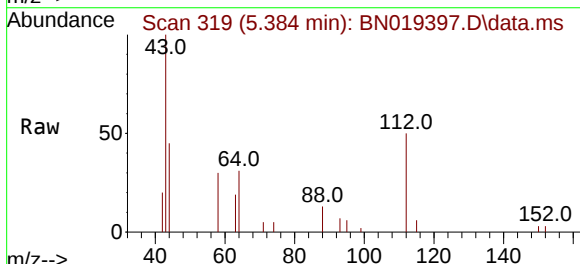
Instrument :
BNA_N
ClientSampleId :
MW-9D

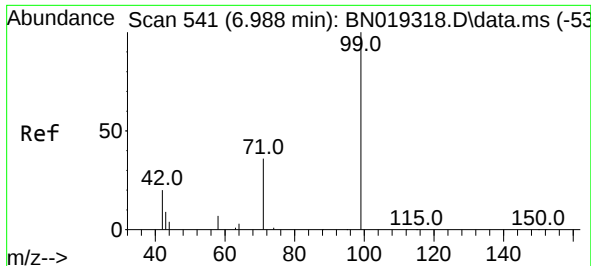
Tgt Ion: 42 Resp: 143
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 135.7 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

Tgt Ion: 112 Resp: 1915
Ion Ratio Lower Upper
112 100
64 63.5 47.8 71.8
63 32.5 25.7 38.5

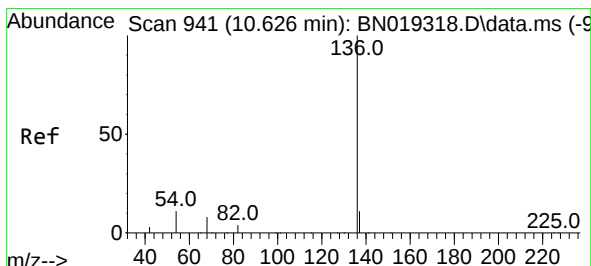
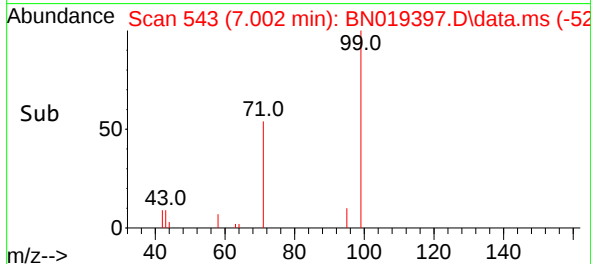
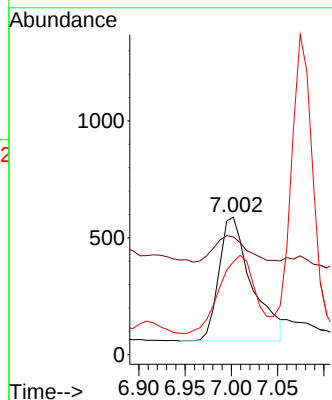
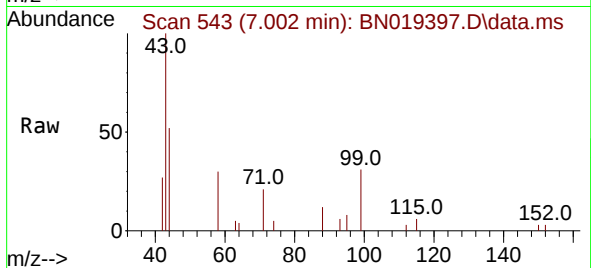




#5
Phenol-d6
Concen: 0.093 ng
RT: 7.002 min Scan# 541
Delta R.T. 0.014 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

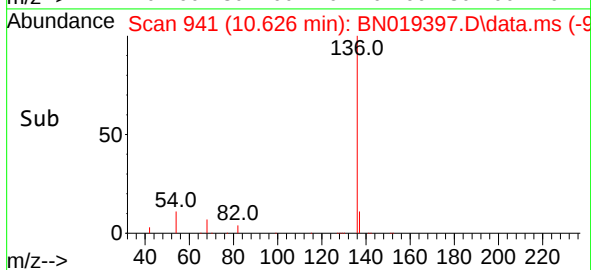
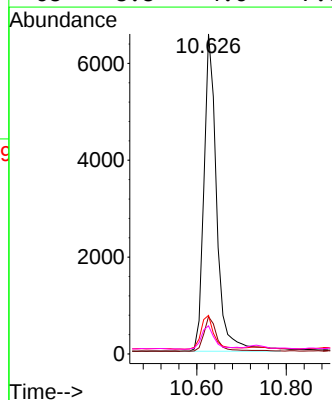
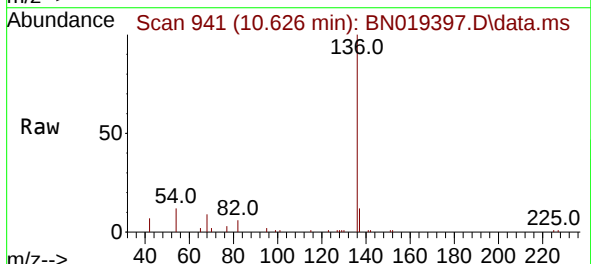
Instrument :
BNA_N
ClientSampleId :
MW-9D

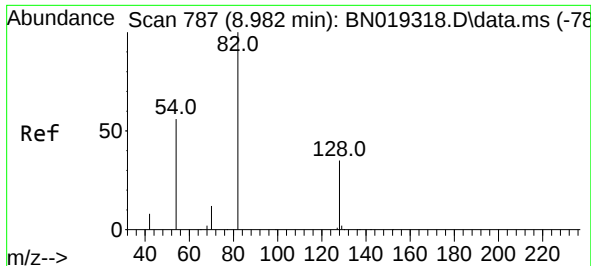
Tgt Ion: 99 Resp: 1305
Ion Ratio Lower Upper
99 100
42 20.5 16.2 24.4
71 69.8 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

Tgt Ion: 136 Resp: 12974
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 12.0 5.8 8.6#
68 8.8 4.6 7.0#

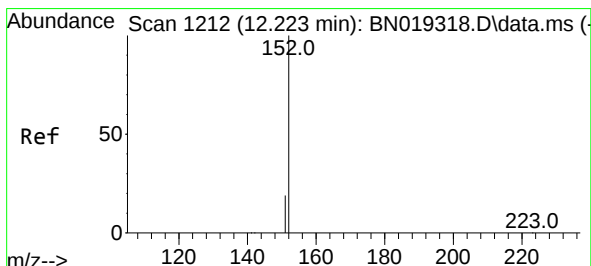
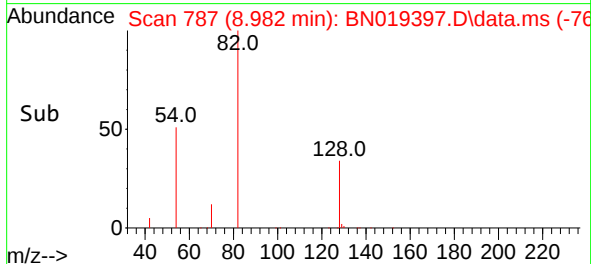
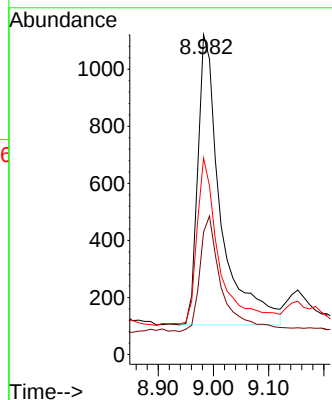
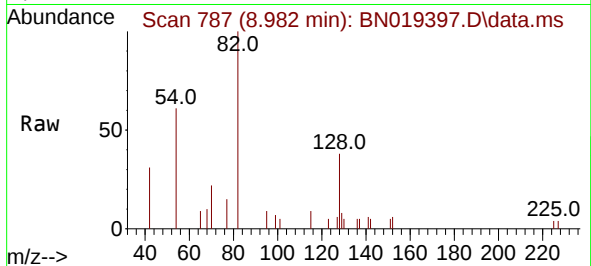




#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

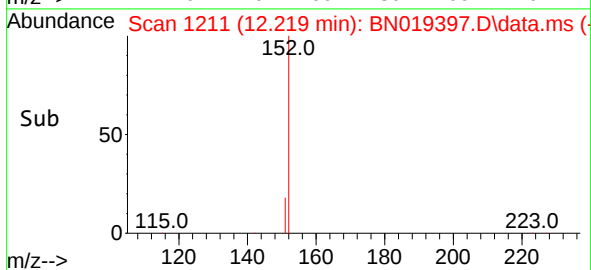
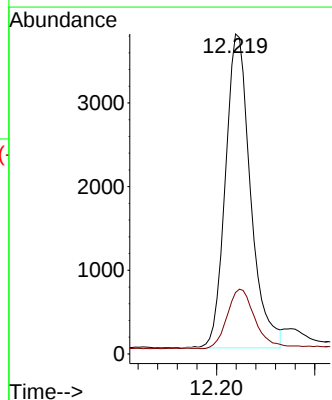
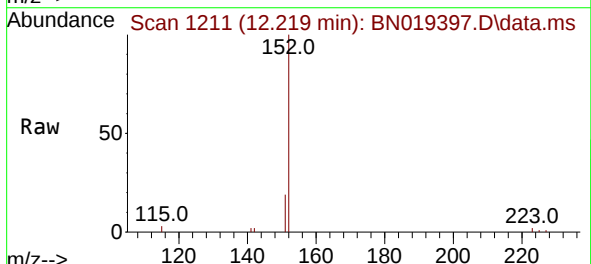
Instrument :
BNA_N
ClientSampleId :
MW-9D

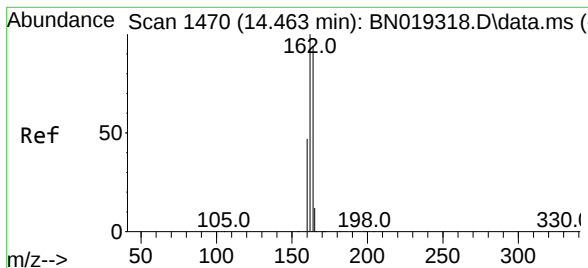
Tgt Ion: 82 Resp: 2957
Ion Ratio Lower Upper
82 100
128 38.3 33.0 49.6
54 61.5 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.219 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

Tgt Ion: 152 Resp: 6668
Ion Ratio Lower Upper
152 100
151 21.6 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.463 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BN019397.D

Acq: 08 Apr 2022 20:24

Instrument :

BNA_N

ClientSampleId :

MW-9D

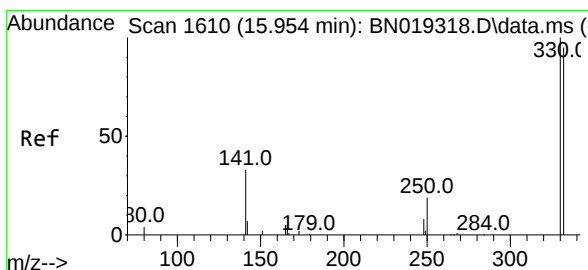
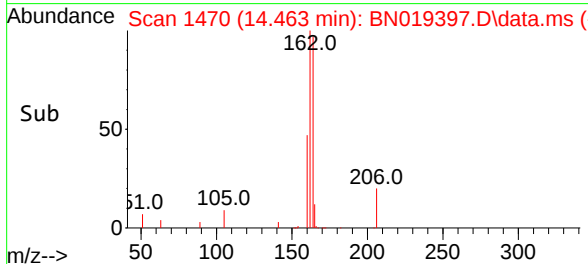
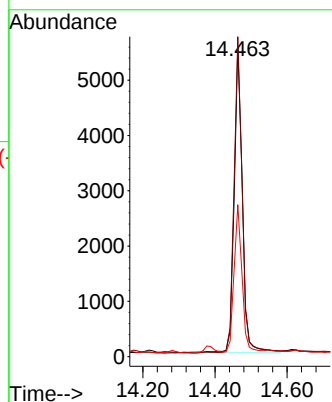
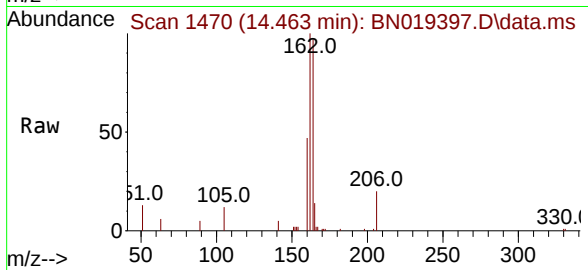
Tgt Ion:164 Resp: 8786

Ion Ratio Lower Upper

164 100

162 102.9 85.2 127.8

160 48.9 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.346 ng

RT: 15.954 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BN019397.D

Acq: 08 Apr 2022 20:24

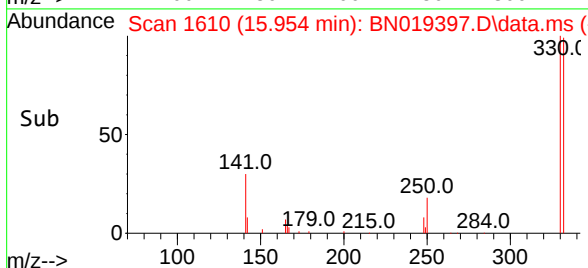
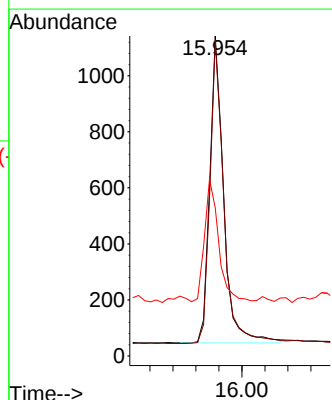
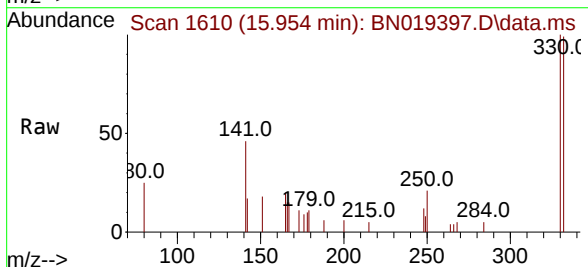
Tgt Ion:330 Resp: 1846

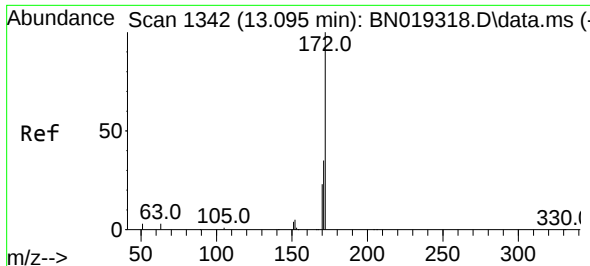
Ion Ratio Lower Upper

330 100

332 98.2 76.8 115.2

141 40.2 32.2 48.2

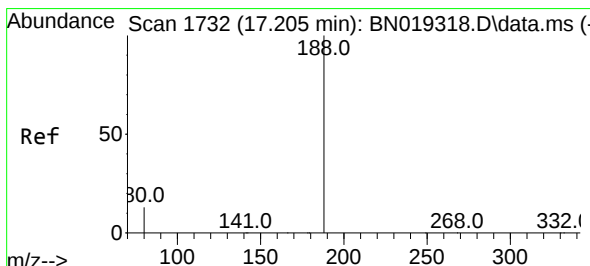
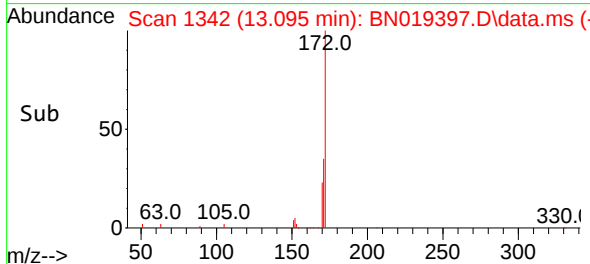
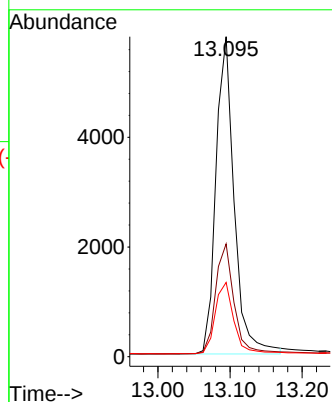
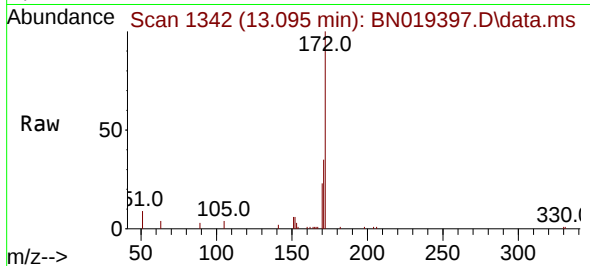




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

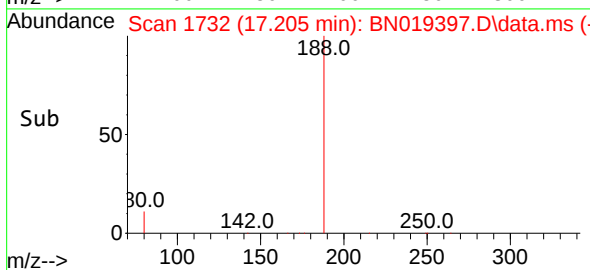
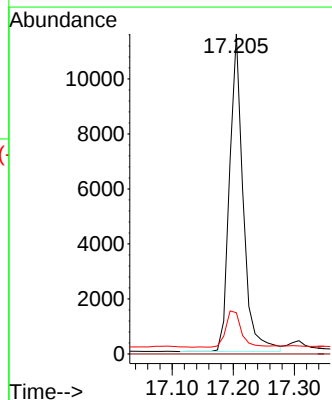
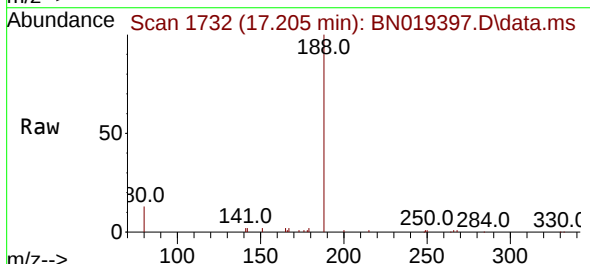
Instrument :
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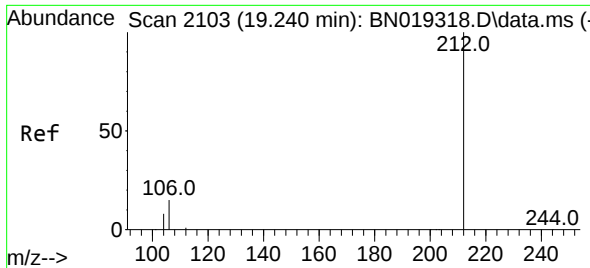
Tgt Ion:172 Resp: 10148
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

Tgt Ion:188 Resp: 17874
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 11.8 17.8

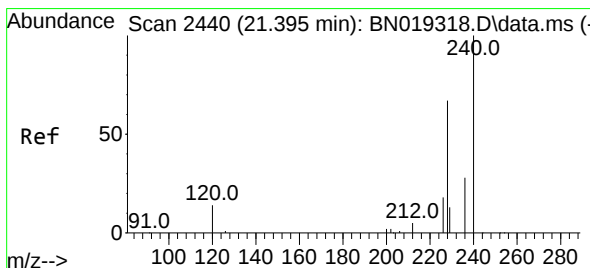
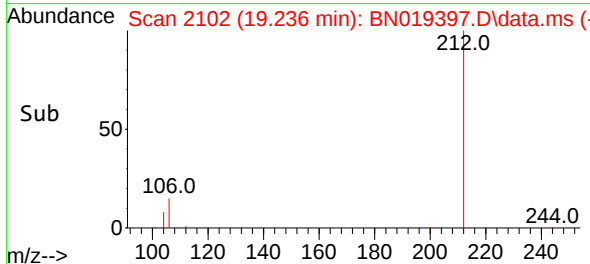
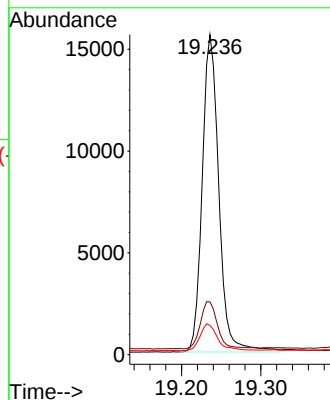
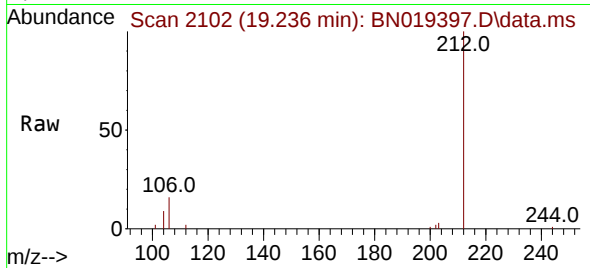




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.236 min Scan# 2103
Delta R.T. -0.004 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

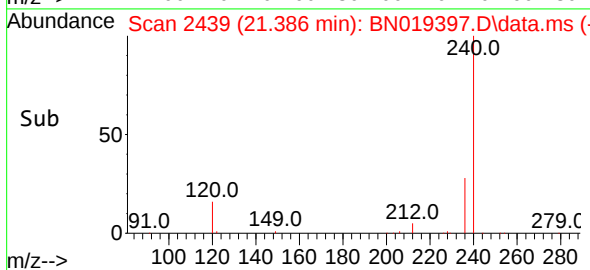
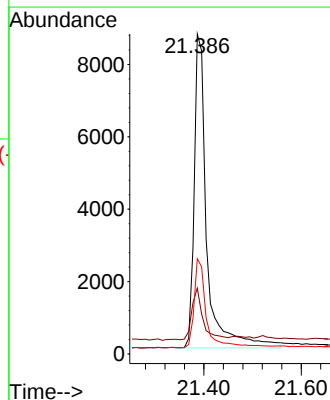
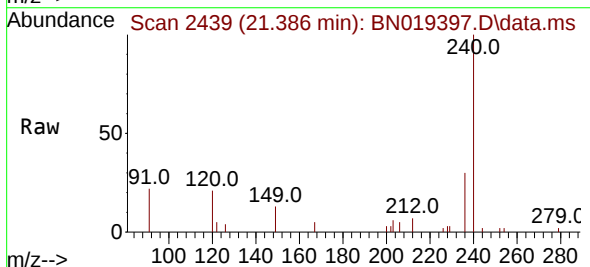
Instrument :
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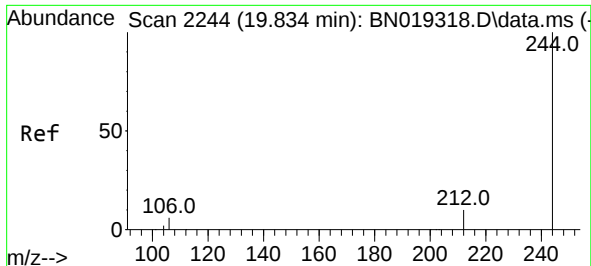
Tgt Ion:212 Resp: 22745
Ion Ratio Lower Upper
212 100
106 15.5 12.7 19.1
104 9.0 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019397.D
Acq: 08 Apr 2022 20:24

Tgt Ion:240 Resp: 15629
Ion Ratio Lower Upper
240 100
120 20.5 8.5 12.7#
236 29.8 22.4 33.6

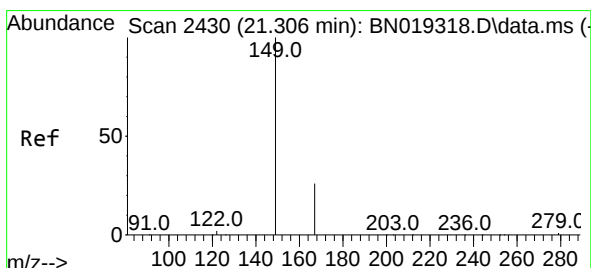
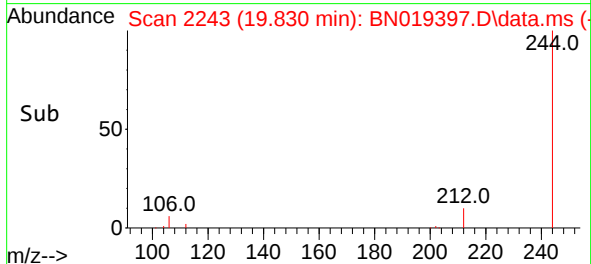
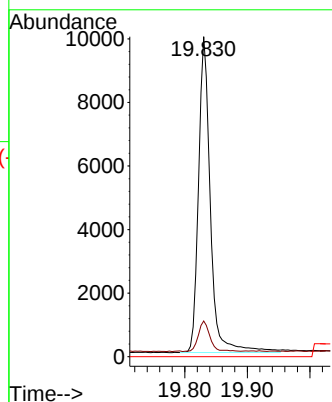
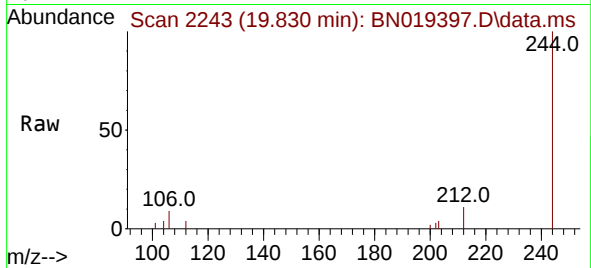




#31
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019397.D
 Acq: 08 Apr 2022 20:24

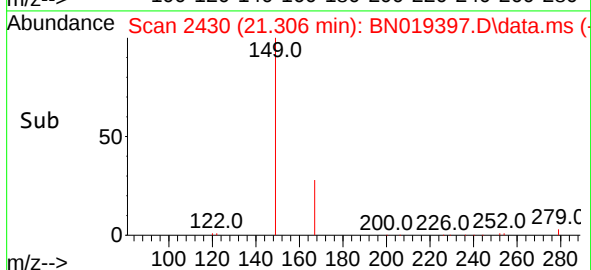
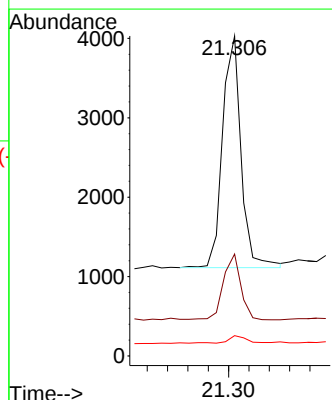
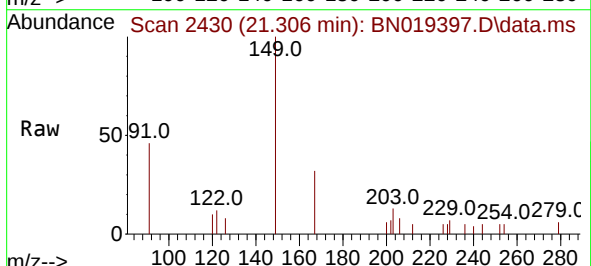
Instrument :
 BNA_N
 ClientSampleId :
 MW-9D

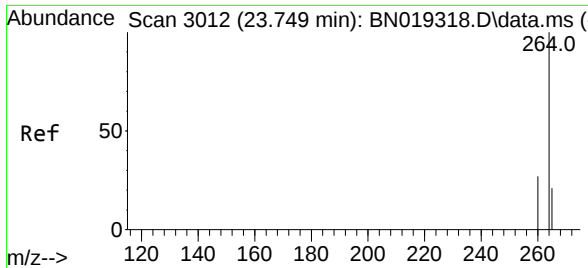
Tgt Ion:244 Resp: 13139
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.306 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN019397.D
 Acq: 08 Apr 2022 20:24

Tgt Ion:149 Resp: 3682
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.8
 279 3.9 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BN019397.D
 Acq: 08 Apr 2022 20:24

Instrument :
 BNA_N
 ClientSampleId :
 MW-9D

Tgt Ion:264	Resp:	13148
Ion Ratio	Lower	Upper
264	100	
260	28.1	22.4 33.6
265	33.1	25.3 37.9

