

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053473.D
 Acq On : 6 May 2022 14:15
 Operator : CG/JU
 Sample : N2723-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMC-PIT1

Quant Time: May 06 22:52:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

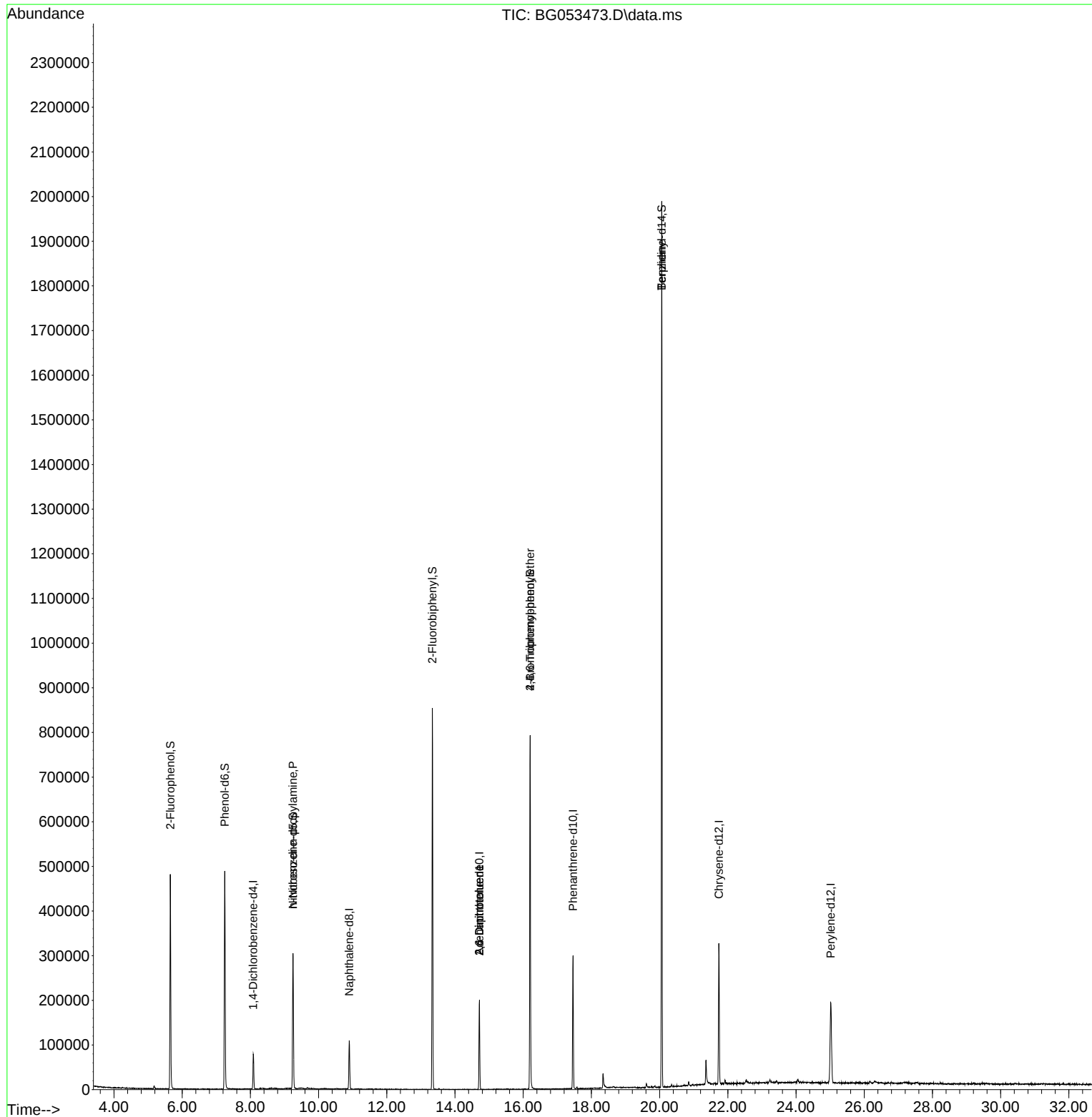
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	21336	20.000	ng	-0.01
21) Naphthalene-d8	10.899	136	89364	20.000	ng	-0.01
39) Acenaphthene-d10	14.717	164	72312	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	191105	20.000	ng	0.00
76) Chrysene-d12	21.737	240	206733	20.000	ng	0.00
86) Perylene-d12	25.015	264	206689	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	193147	153.635	ng	-0.01
7) Phenol-d6	7.251	99	280231	146.875	ng	0.00
23) Nitrobenzene-d5	9.248	82	198824	94.710	ng	-0.01
42) 2,4,6-Tribromophenol	16.203	330	158089	148.229	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	449233	90.781	ng	0.00
79) Terphenyl-d14	20.063	244	971103	87.487	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	27549	20.124	ng	# 83
51) 2,6-Dinitrotoluene	14.717	165	9576	8.554	ng	# 16
57) 2,4-Dinitrotoluene	14.717	165	9576	5.901	ng	# 21
67) 4-Bromophenyl-phenylether	16.203	248	10151	4.548	ng	# 1
77) Benzidine	20.063	184	16243	3.645	ng	# 94

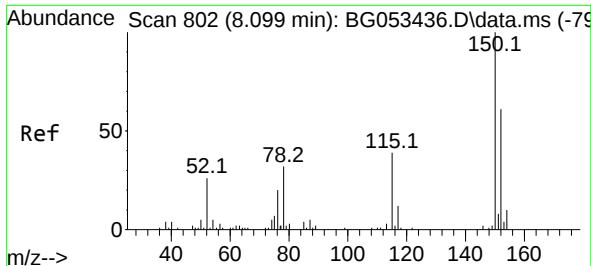
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

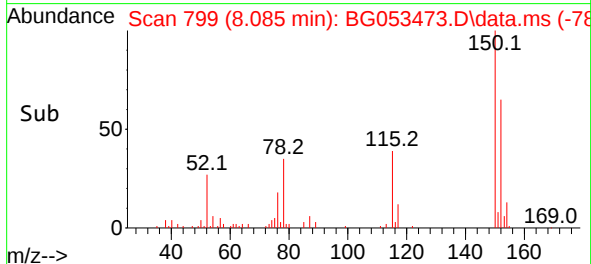
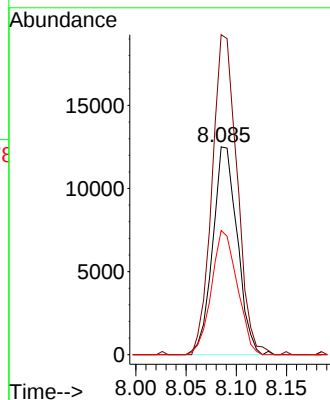
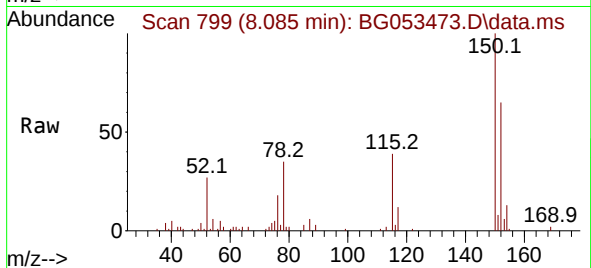




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.014 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

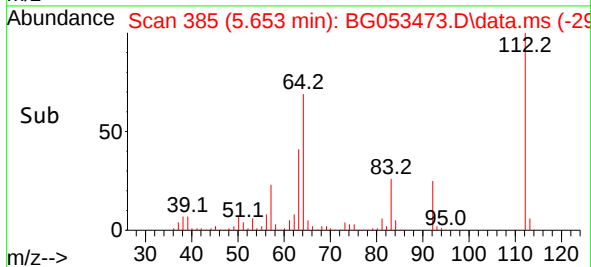
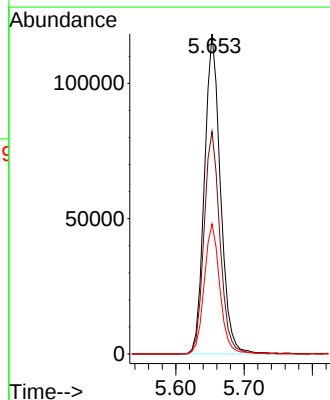
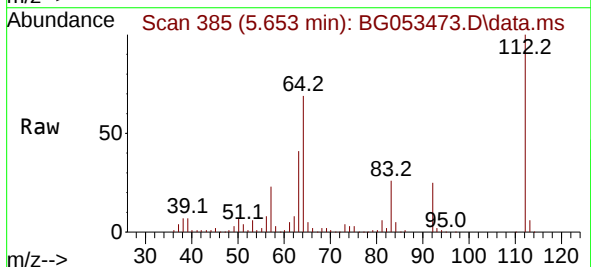
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1

Tgt Ion:152 Resp: 21336
Ion Ratio Lower Upper
152 100
150 153.9 131.6 197.4
115 59.7 50.9 76.3



#5
2-Fluorophenol
Concen: 153.635 ng
RT: 5.653 min Scan# 385
Delta R.T. -0.014 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

Tgt Ion:112 Resp: 193147
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 40.7 30.4 45.6

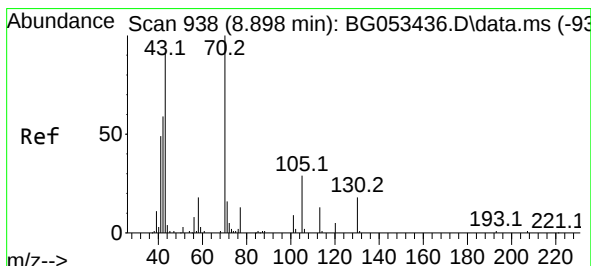
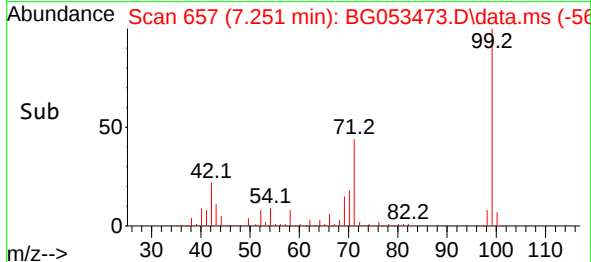
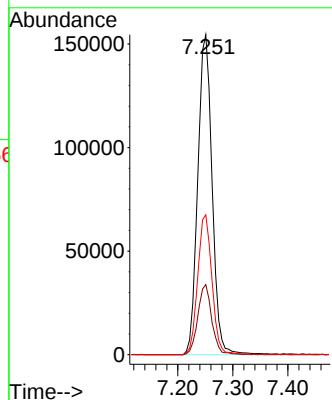
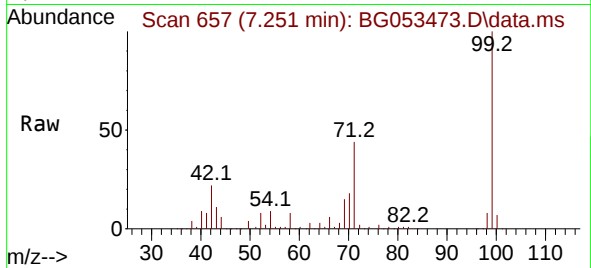




#7
Phenol-d6
Concen: 146.875 ng
RT: 7.251 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

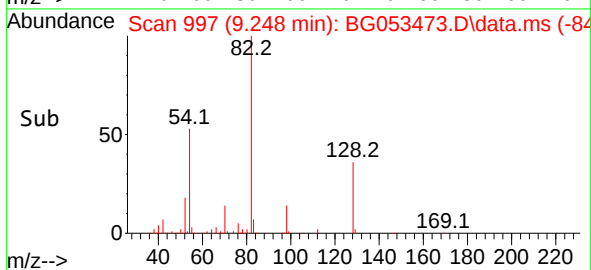
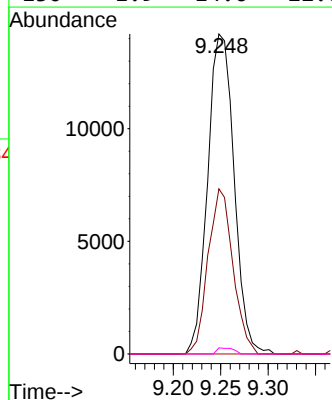
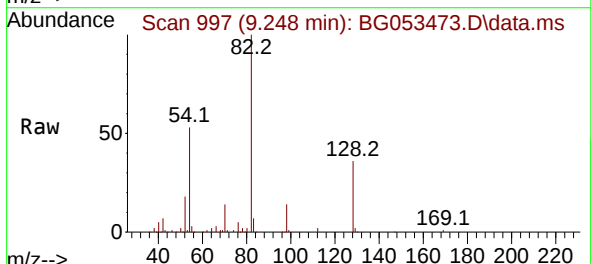
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1

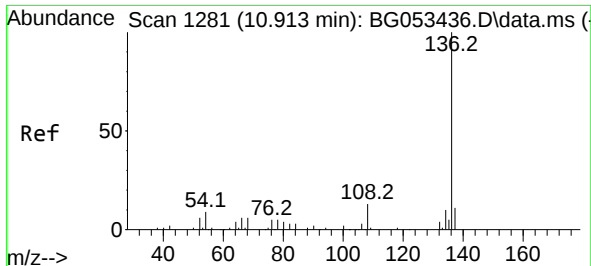
Tgt Ion: 99 Resp: 280231
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.124 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

Tgt Ion: 70 Resp: 27549
Ion Ratio Lower Upper
70 100
42 51.6 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

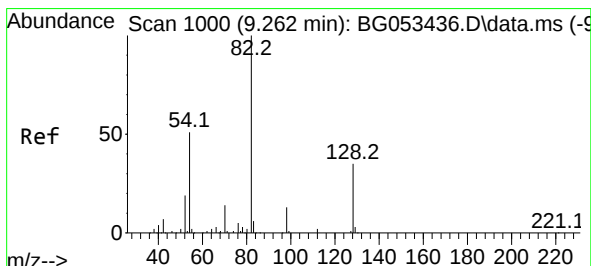
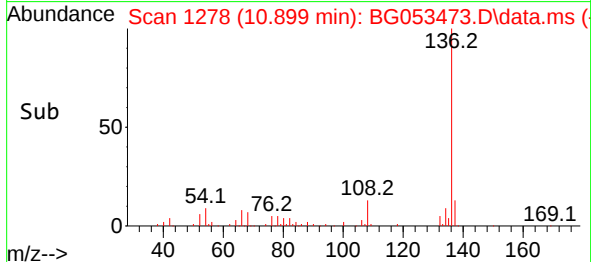
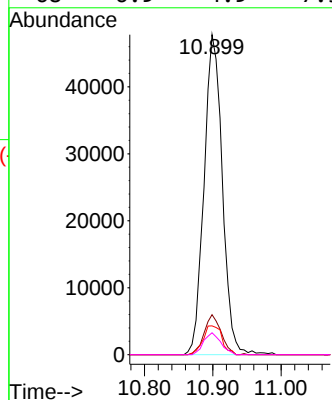
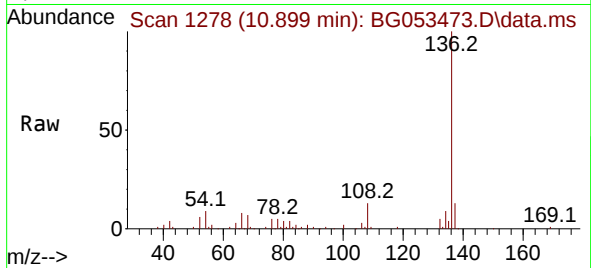




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

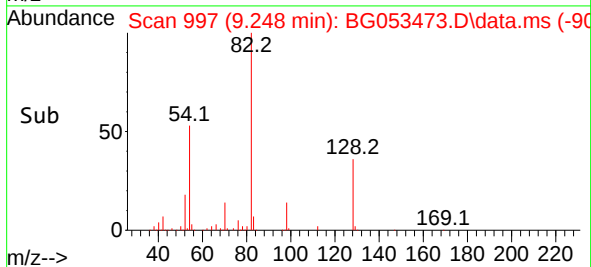
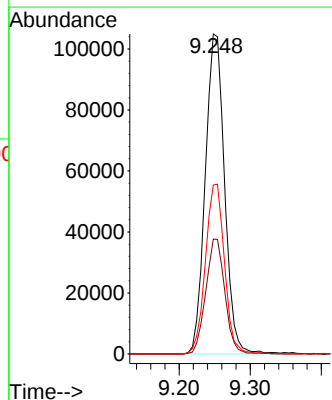
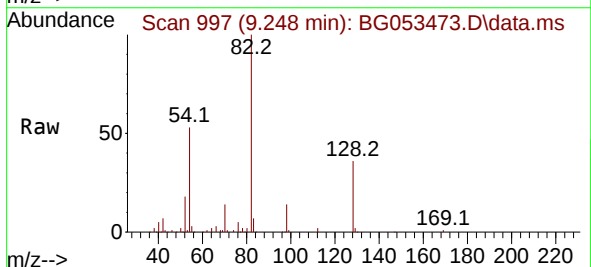
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1

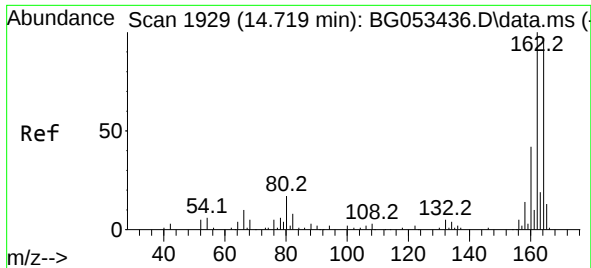
Tgt Ion:	136	Resp:	89364
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.5	12.7
54	9.0	7.4	11.2
68	6.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.710 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.014 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

Tgt Ion:	82	Resp:	198824
Ion	Ratio	Lower	Upper
82	100		
128	35.9	27.9	41.9
54	52.8	41.2	61.8

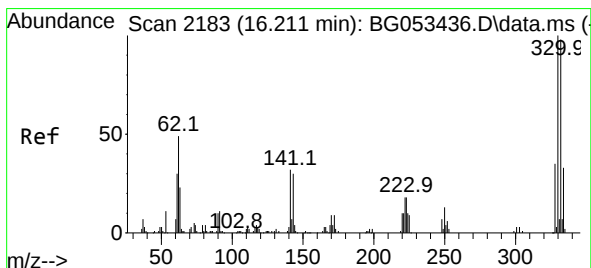
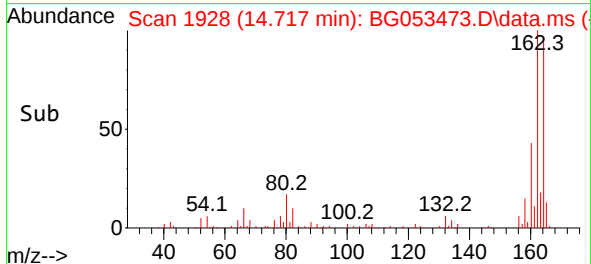
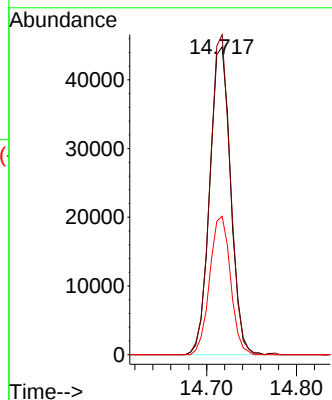
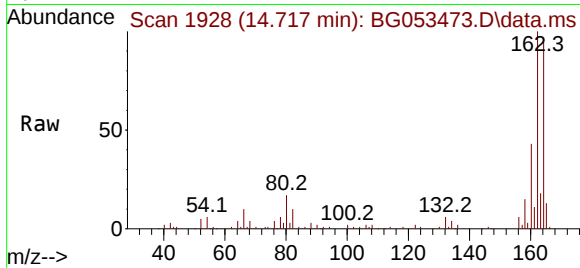




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

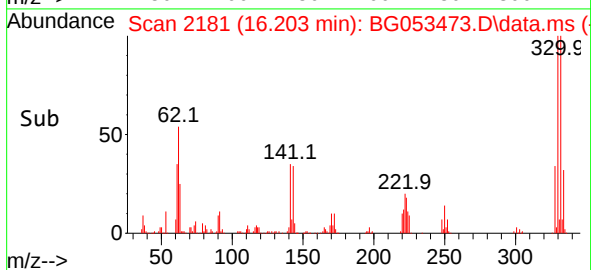
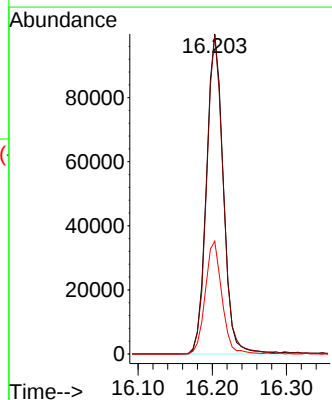
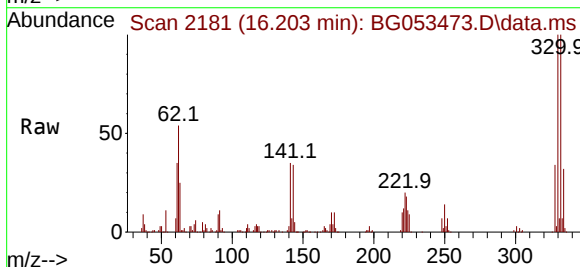
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1

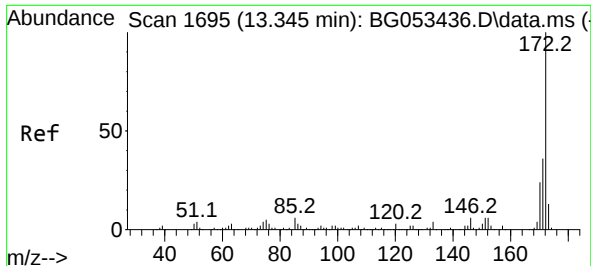
Tgt Ion:164 Resp: 72312
Ion Ratio Lower Upper
164 100
162 104.0 82.3 123.5
160 45.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 148.229 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

Tgt Ion:330 Resp: 158089
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 34.9 27.1 40.7

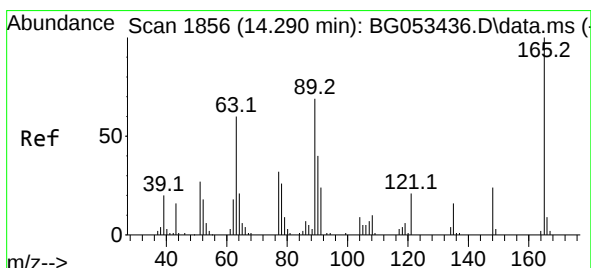
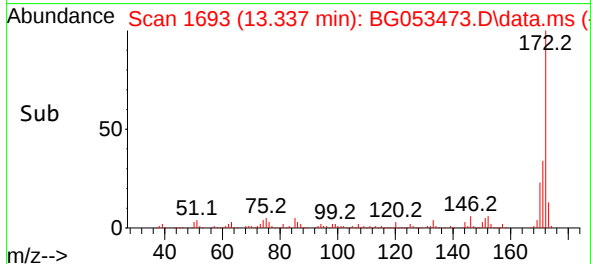
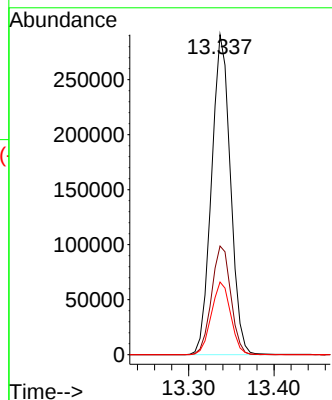
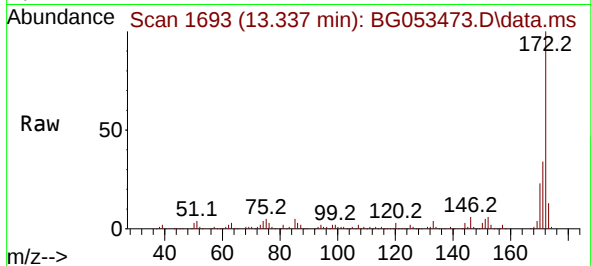




#45
2-Fluorobiphenyl
Concen: 90.781 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

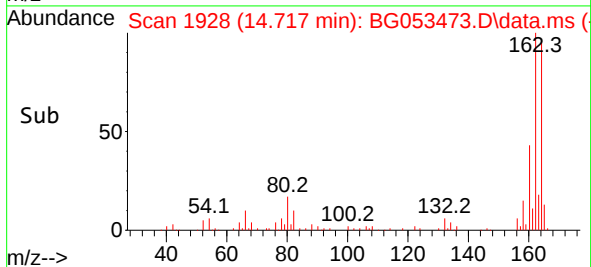
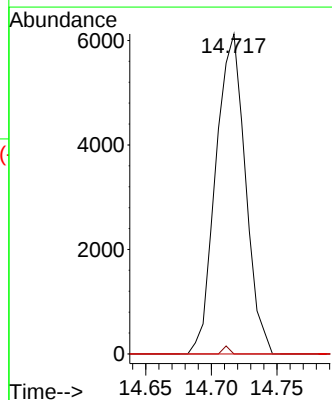
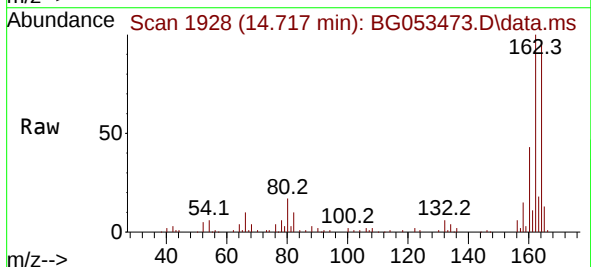
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1

Tgt Ion:172 Resp: 449233
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 22.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.554 ng
RT: 14.717 min Scan# 1928
Delta R.T. 0.427 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

Tgt Ion:165 Resp: 9576
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.901 ng

RT: 14.717 min Scan# 1991

Delta R.T. -0.366 min

Lab File: BG053473.D

Acq: 6 May 2022 14:15

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1

Tgt Ion:165 Resp: 9576

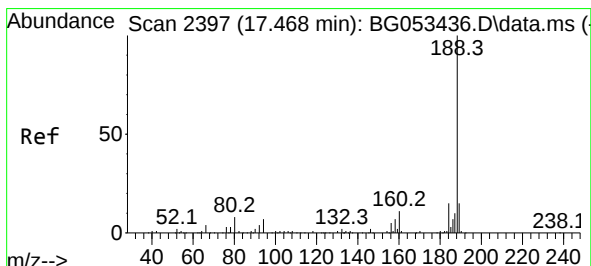
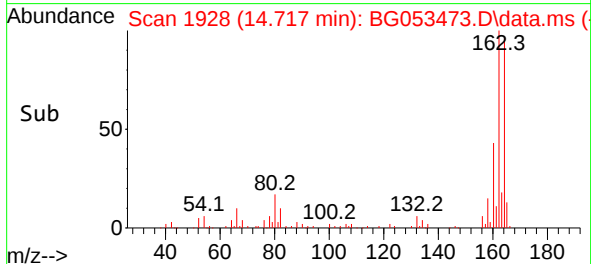
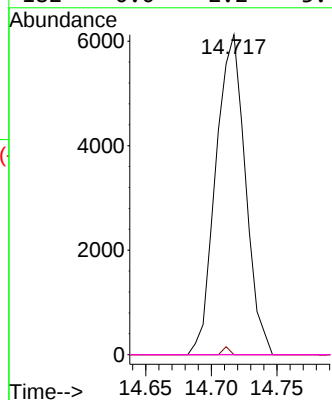
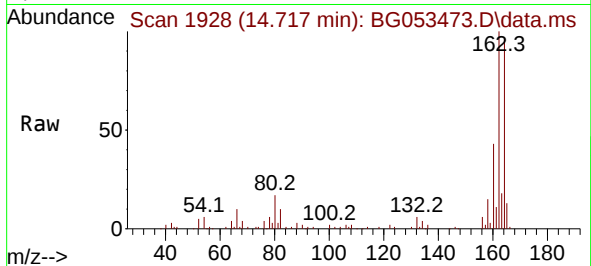
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.460 min Scan# 2395

Delta R.T. -0.008 min

Lab File: BG053473.D

Acq: 6 May 2022 14:15

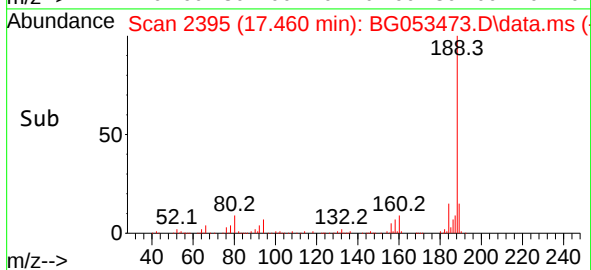
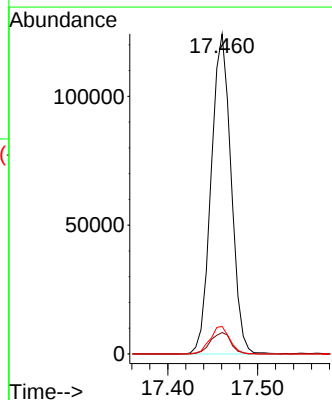
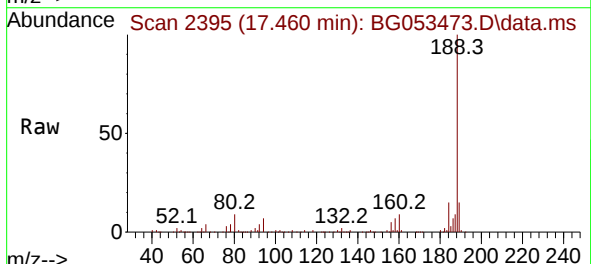
Tgt Ion:188 Resp: 191105

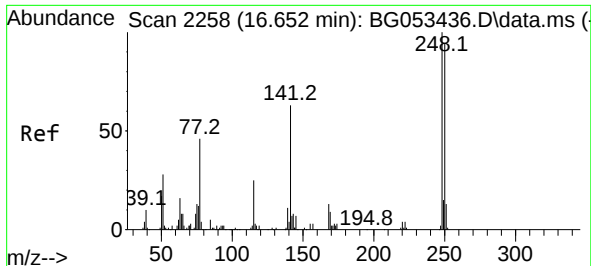
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

80 8.6 6.8 10.2

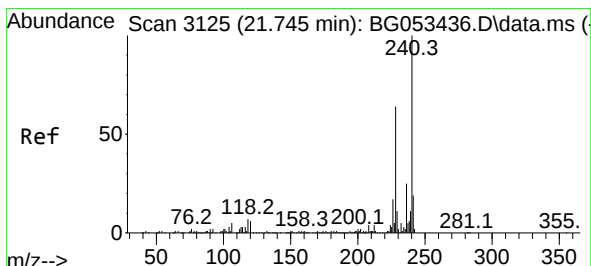
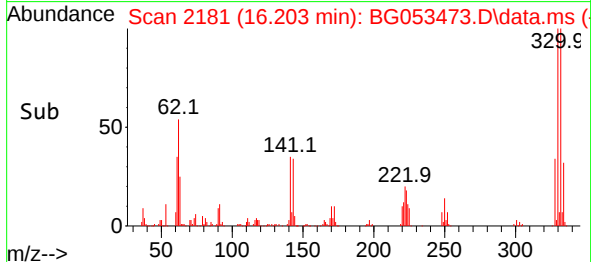
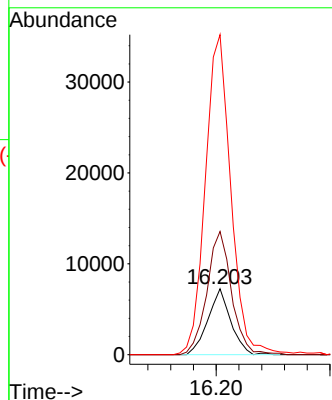
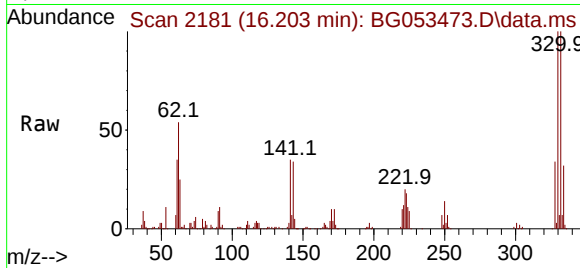




#67
4-Bromophenyl-phenylether
Concen: 4.548 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.448 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

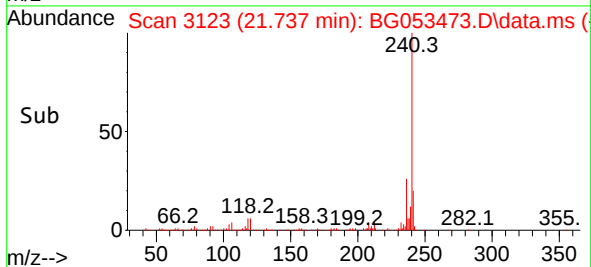
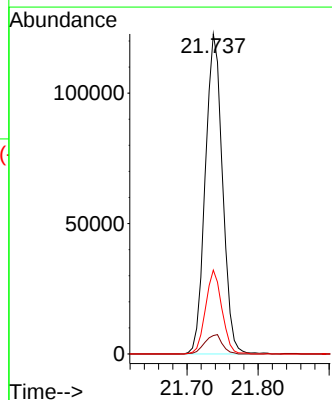
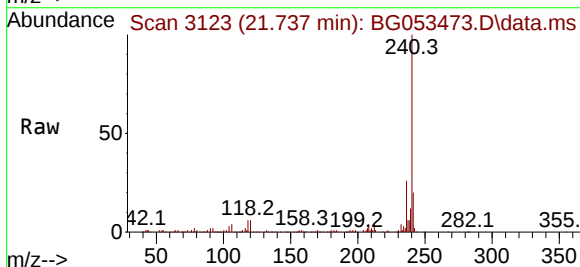
Instrument :
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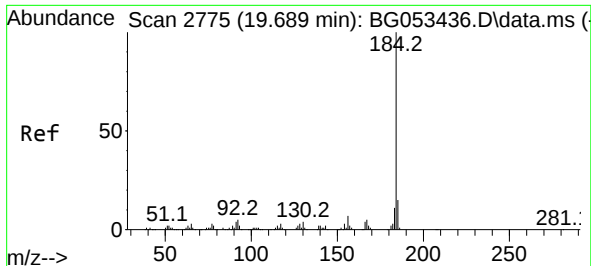
Tgt Ion:248 Resp: 10151
Ion Ratio Lower Upper
248 100
250 186.5 75.2 112.8#
141 484.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

Tgt Ion:240 Resp: 206733
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 26.2 20.2 30.4

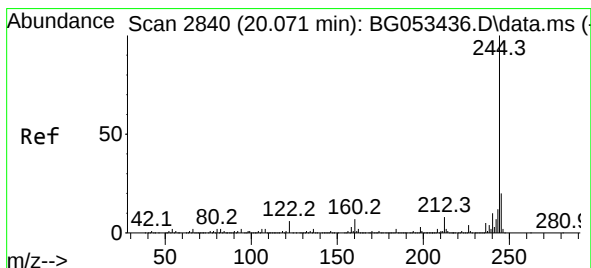
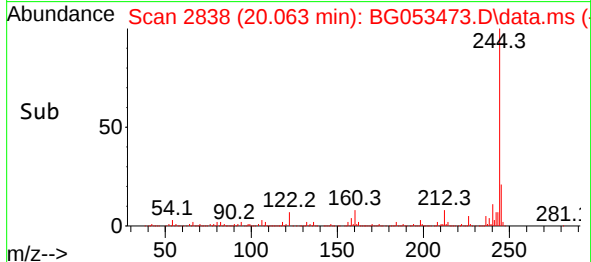
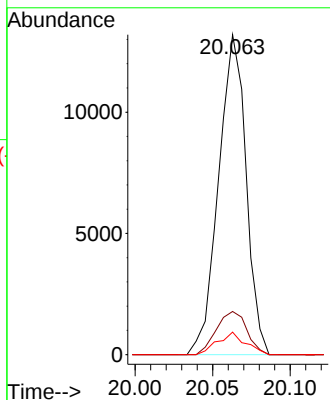
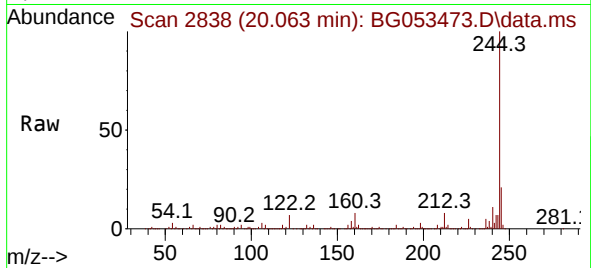




#77
Benzidine
Concen: 3.645 ng
RT: 20.063 min Scan# 2838
Delta R.T. 0.374 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

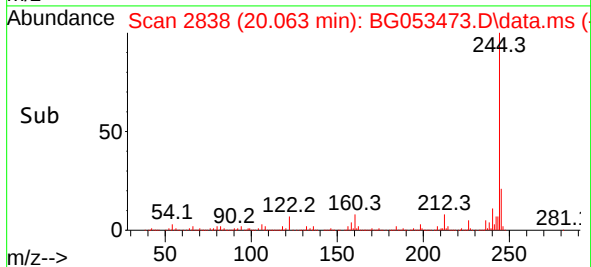
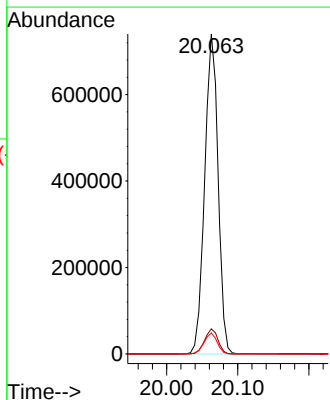
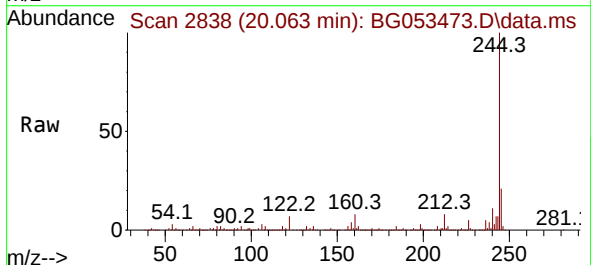
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1

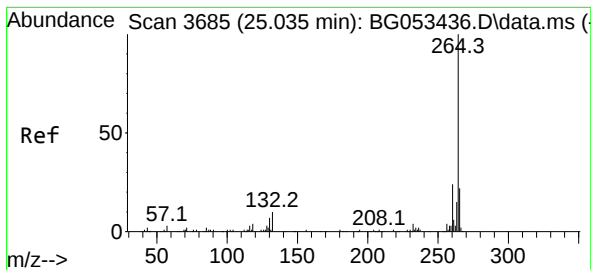
Tgt Ion:184 Resp: 16243
Ion Ratio Lower Upper
184 100
185 13.5 11.8 17.6
183 7.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 87.487 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.008 min
Lab File: BG053473.D
Acq: 6 May 2022 14:15

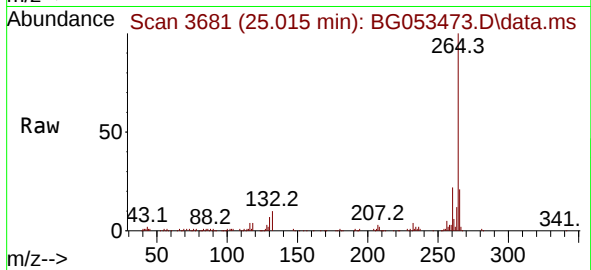
Tgt Ion:244 Resp: 971103
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 6.6 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 30
 Delta R.T. -0.020 min
 Lab File: BG053473.D
 Acq: 6 May 2022 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MMC-PIT1



Tgt Ion:264 Resp: 206689

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.6
265	21.4	17.4	26.2

