

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057009.D
 Acq On : 6 Apr 2023 12:39
 Operator : CG/JU
 Sample : PB151838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151838TB

Quant Time: Apr 07 01:36:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

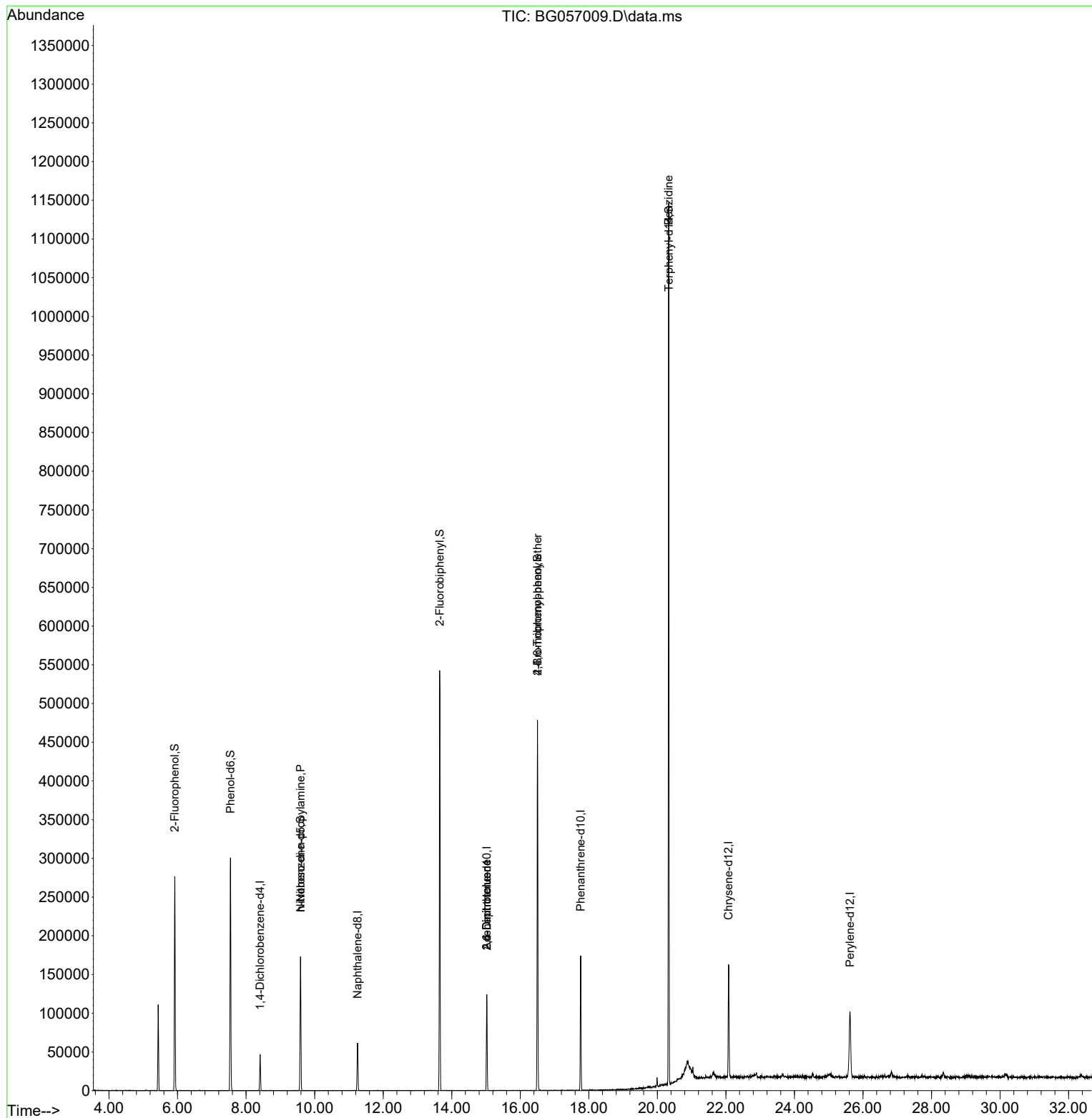
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	12755	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	53913	20.000	ng	# 0.00
39) Acenaphthene-d10	15.022	164	44691	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	114966	20.000	ng	0.00
76) Chrysene-d12	22.077	240	93771	20.000	ng	-0.01
86) Perylene-d12	25.620	264	100144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	111733	140.198	ng	0.00
7) Phenol-d6	7.544	99	164606	138.097	ng	0.00
23) Nitrobenzene-d5	9.588	82	106158	80.569	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	98238	137.597	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	277819	84.296	ng	0.00
79) Terphenyl-d14	20.333	244	561118	101.257	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.588	70	15448	18.119	ng	# 78
51) 2,6-Dinitrotoluene	15.022	165	5631	7.401	ng	# 18
57) 2,4-Dinitrotoluene	15.022	165	5631	5.248	ng	# 18
67) 4-Bromophenyl-phenylether	16.502	248	5996	4.215	ng	# 1
77) Benzidine	20.327	184	8789	3.429	ng	# 89

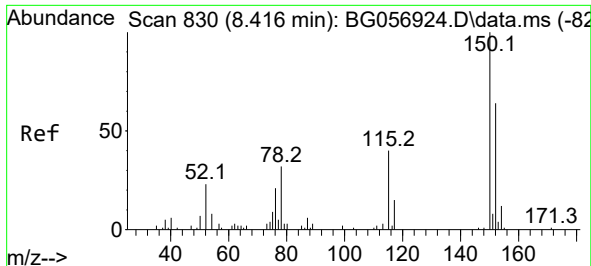
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057009.D
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Quant Time: Apr 07 01:36:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 01:33:41 2023
Response via : Initial Calibration

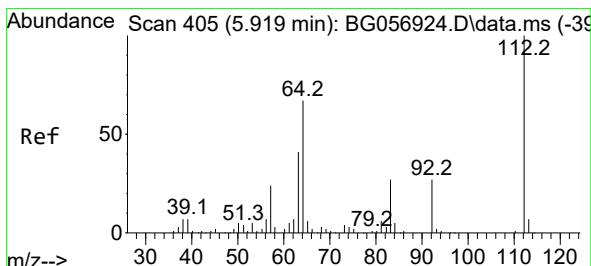
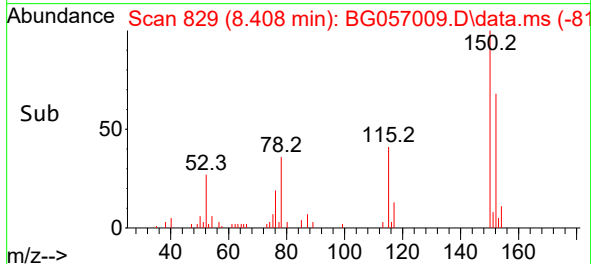
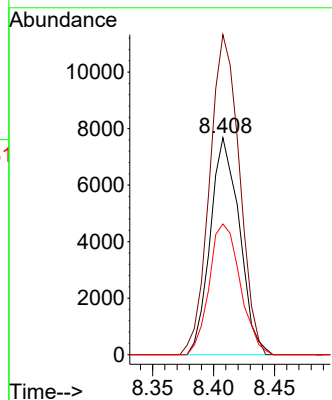
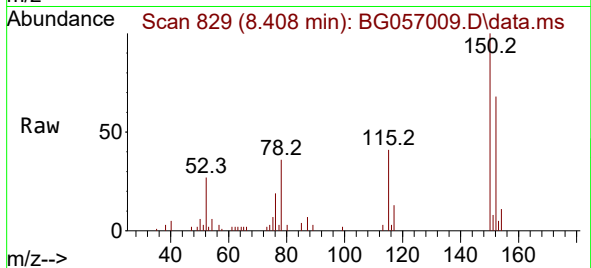




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

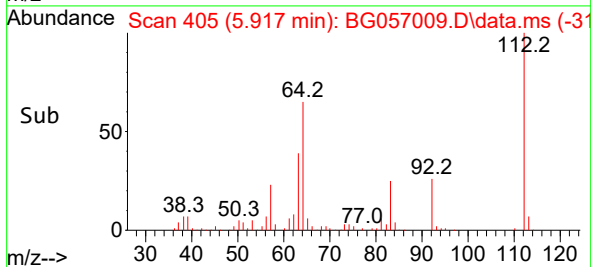
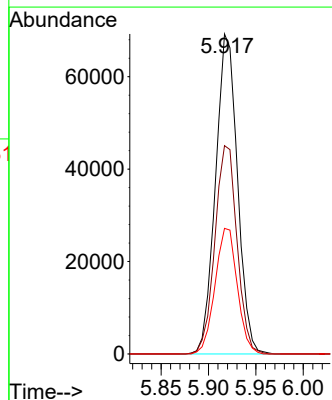
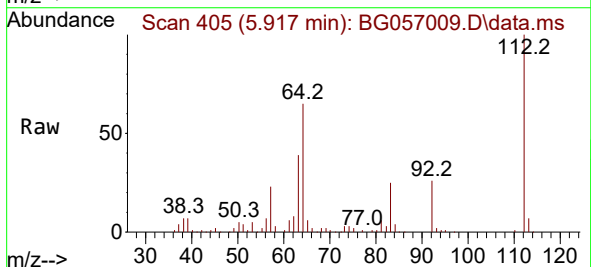
Instrument :
BNA_G
ClientSampleId :
PB151838TB

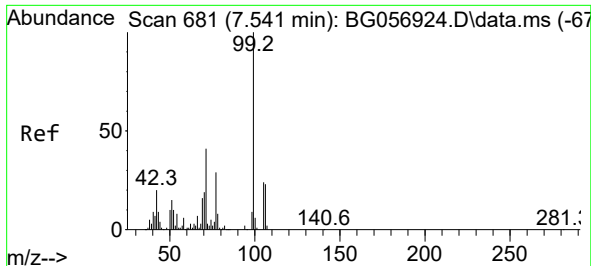
Tgt Ion:152 Resp: 12755
Ion Ratio Lower Upper
152 100
150 147.5 124.1 186.1
115 60.3 49.1 73.7



#5
2-Fluorophenol
Concen: 140.198 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion:112 Resp: 111733
Ion Ratio Lower Upper
112 100
64 65.1 53.2 79.8
63 39.3 32.6 48.8

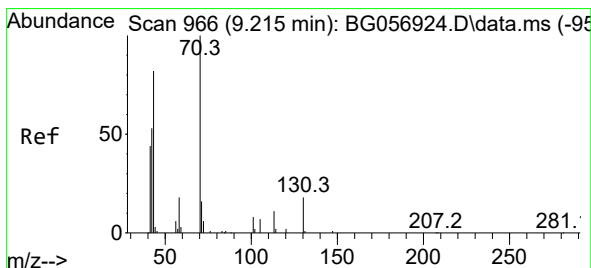
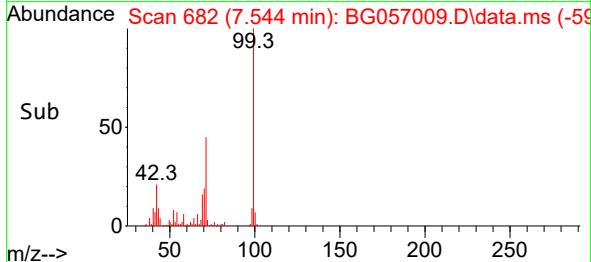
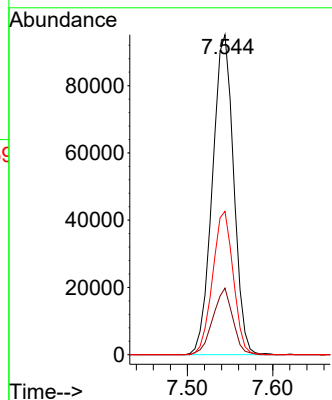
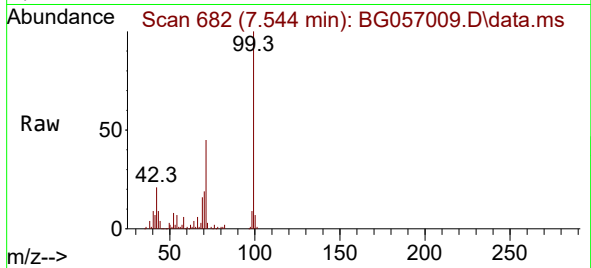




#7
Phenol-d6
Concen: 138.097 ng
RT: 7.544 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

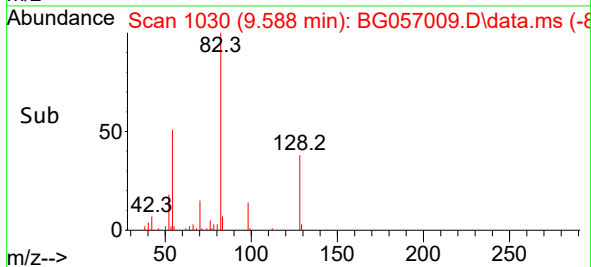
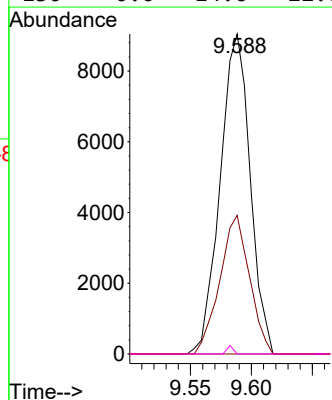
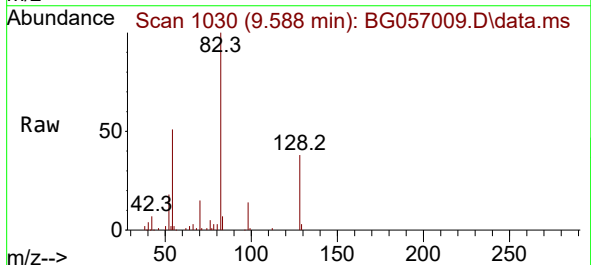
Instrument :
BNA_G
ClientSampleId :
PB151838TB

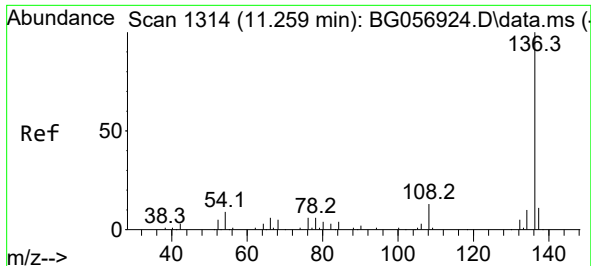
Tgt Ion: 99 Resp: 164606
Ion Ratio Lower Upper
99 100
42 20.8 15.7 23.5
71 44.8 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.119 ng
RT: 9.588 min Scan# 1030
Delta R.T. 0.376 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion: 70 Resp: 15448
Ion Ratio Lower Upper
70 100
42 43.3 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

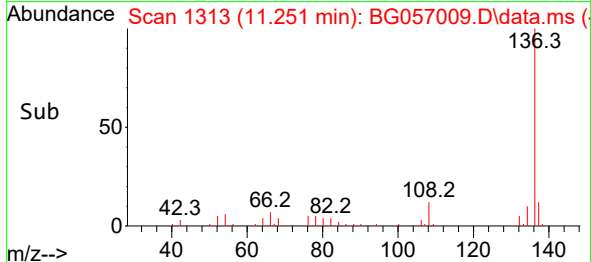
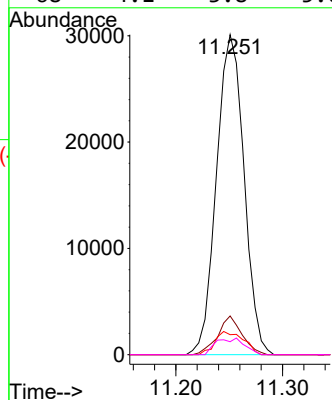
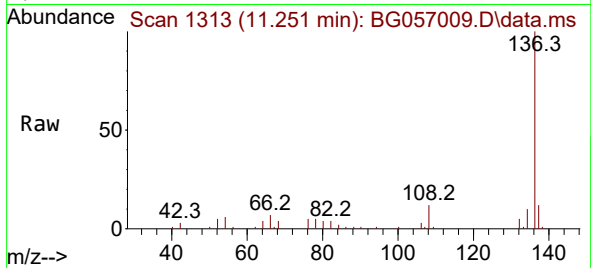




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

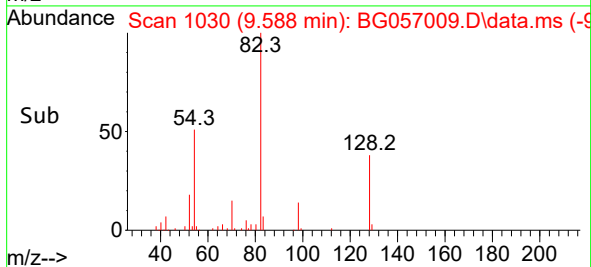
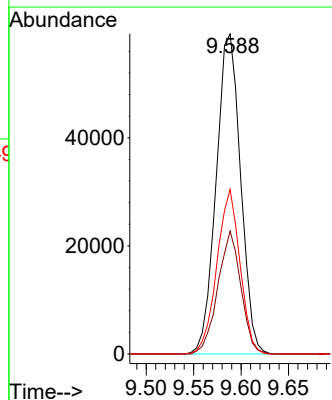
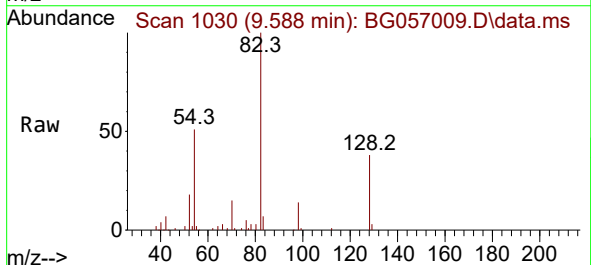
Instrument :
BNA_G
ClientSampleId :
PB151838TB

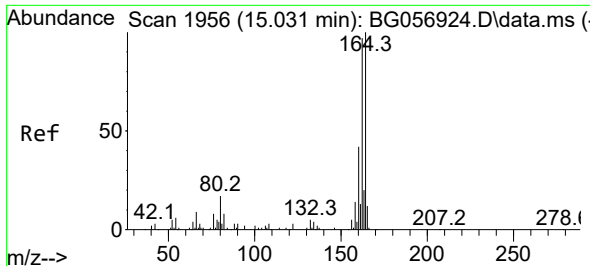
Tgt Ion:	136	Resp:	53913
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.6	13.0
54	6.3	6.9	10.3#
68	4.1	3.8	5.6



#23
Nitrobenzene-d5
Concen: 80.569 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion:	82	Resp:	106158
Ion Ratio	Lower	Upper	
82	100		
128	38.3	27.9	41.9
54	51.4	39.4	59.2

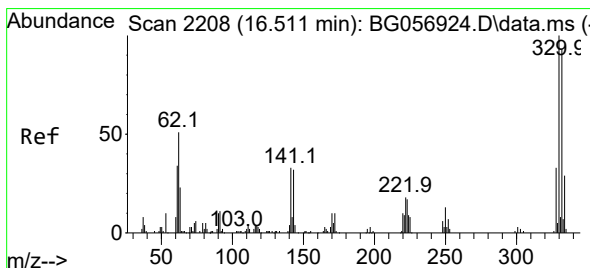
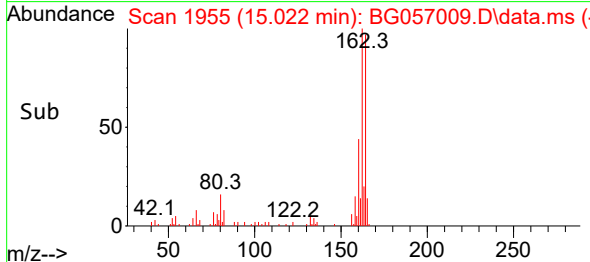
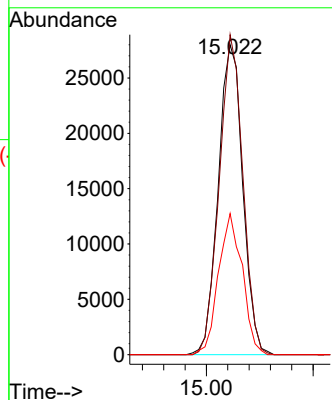
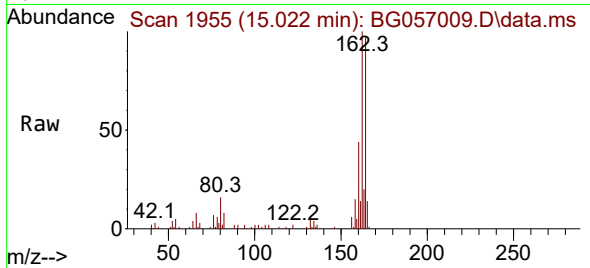




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

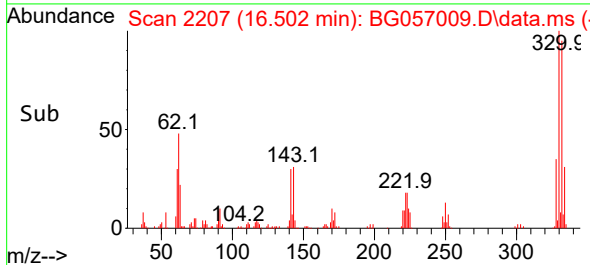
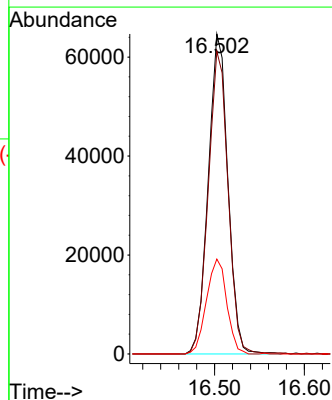
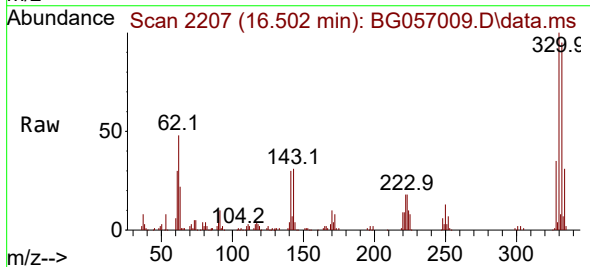
Instrument :
BNA_G
ClientSampleId :
PB151838TB

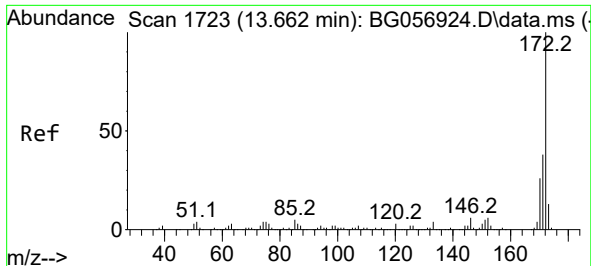
Tgt Ion:164 Resp: 44691
Ion Ratio Lower Upper
164 100
162 103.3 77.8 116.8
160 45.6 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 137.597 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion:330 Resp: 98238
Ion Ratio Lower Upper
330 100
332 95.5 76.1 114.1
141 30.5 25.8 38.6

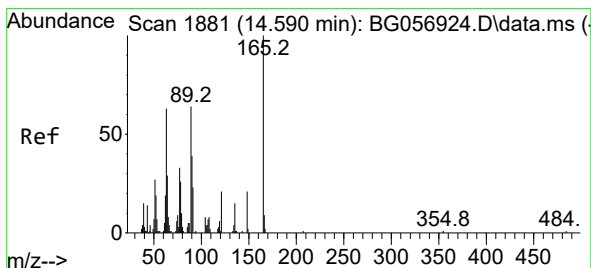
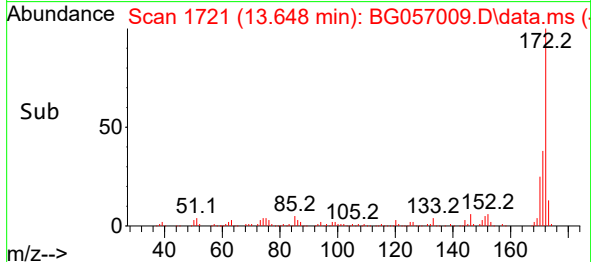
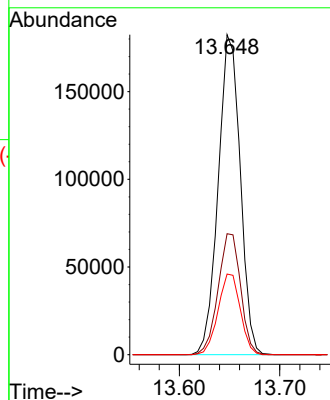
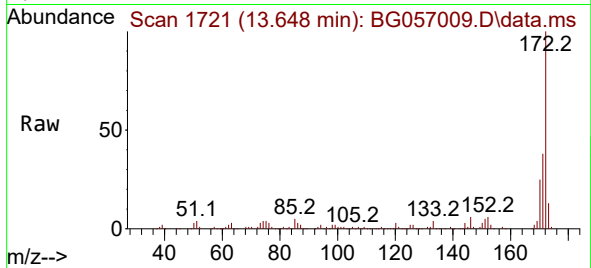




#45
2-Fluorobiphenyl
Concen: 84.296 ng
RT: 13.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

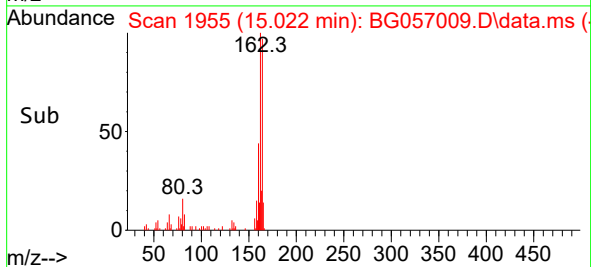
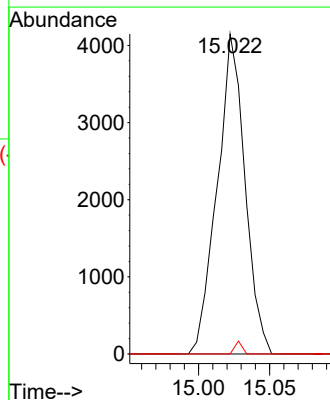
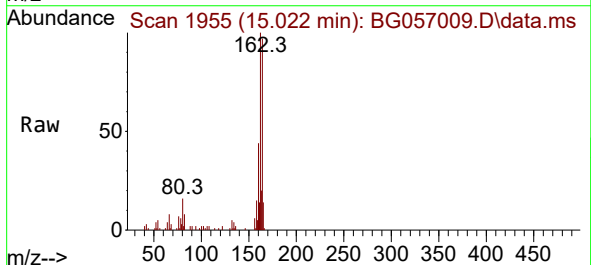
Instrument :
BNA_G
ClientSampleId :
PB151838TB

Tgt Ion:172 Resp: 277819
Ion Ratio Lower Upper
172 100
171 37.8 30.6 46.0
170 25.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.401 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.435 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion:165 Resp: 5631
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.248 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.352 min

Lab File: BG057009.D

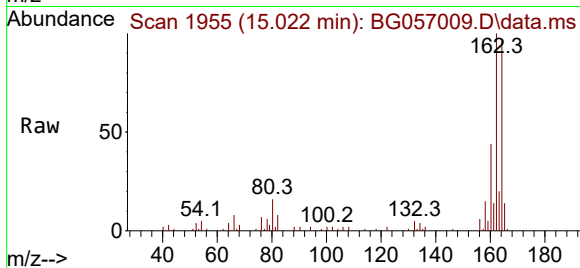
Acq: 6 Apr 2023 12:39

Instrument :

BNA_G

ClientSampleId :

PB151838TB



Tgt Ion:165 Resp: 5631

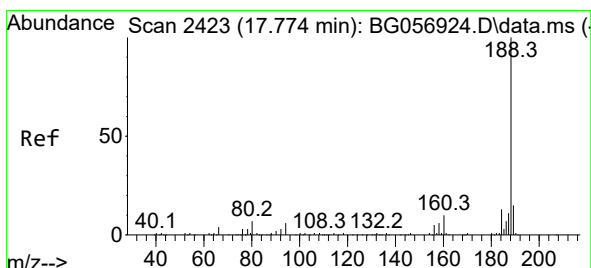
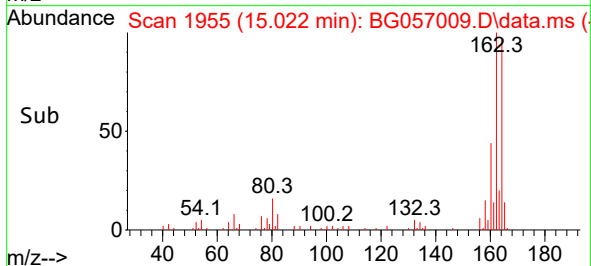
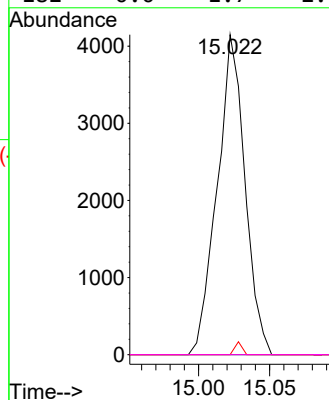
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.760 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BG057009.D

Acq: 6 Apr 2023 12:39

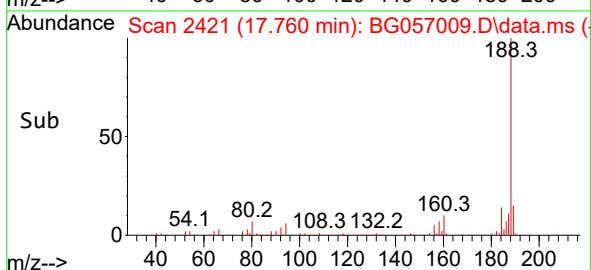
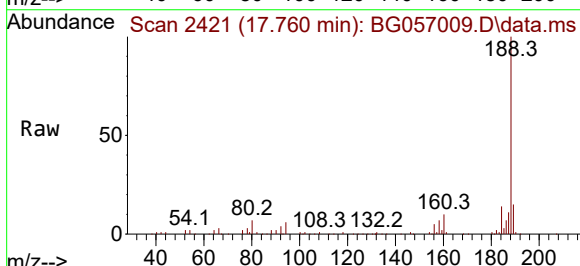
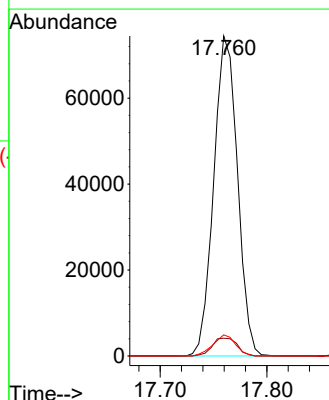
Tgt Ion:188 Resp: 114966

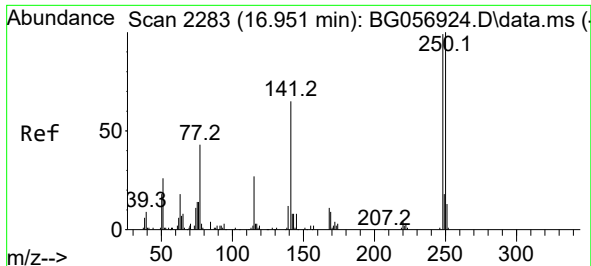
Ion Ratio Lower Upper

188 100

94 5.6 4.6 6.8

80 6.6 5.5 8.3

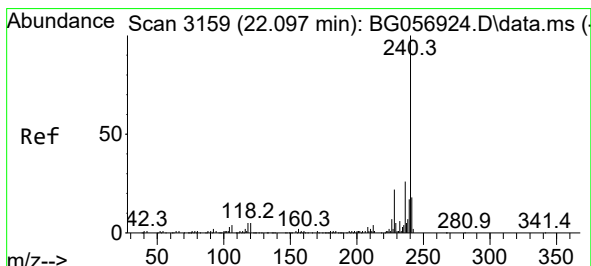
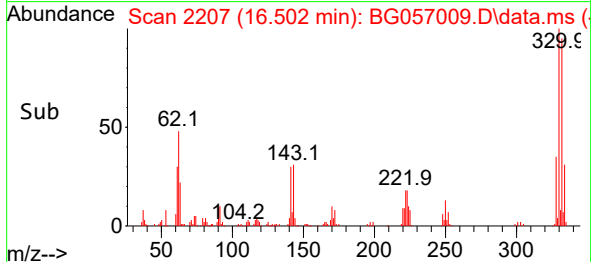
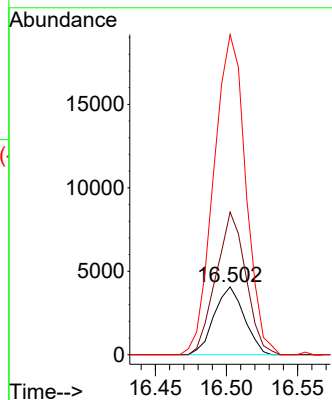
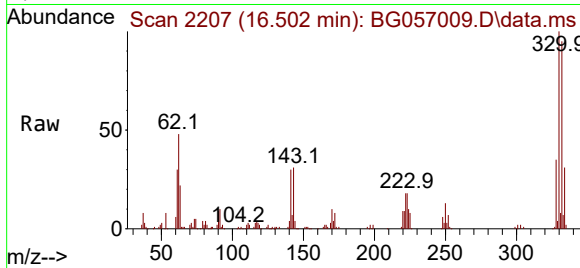




#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

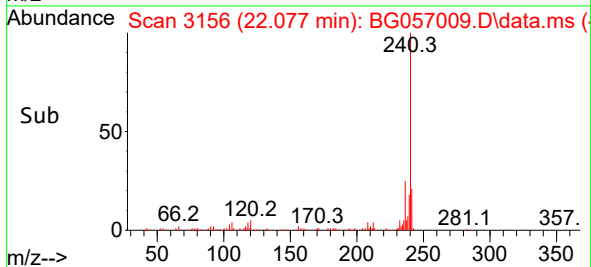
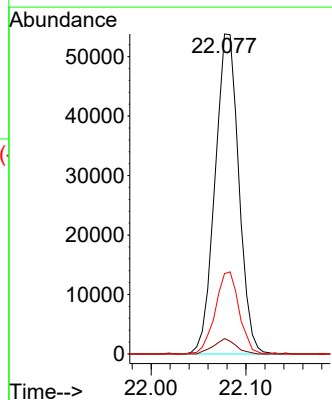
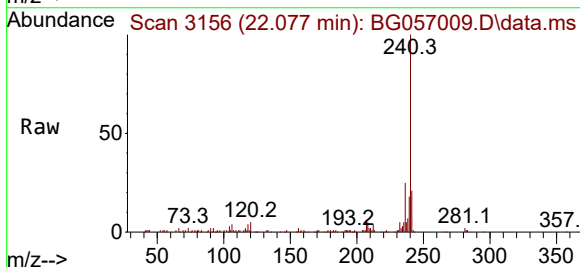
Instrument :
BNA_G
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PB151838TB

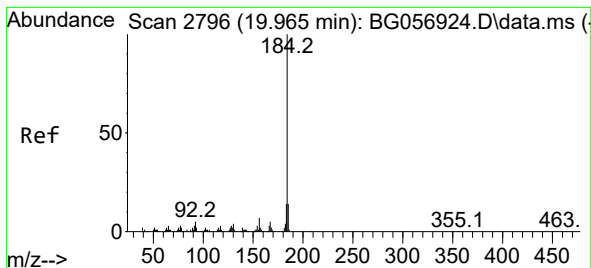
Tgt Ion:248 Resp: 5996
Ion Ratio Lower Upper
248 100
250 209.9 80.5 120.7#
141 471.4 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.011 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion:240 Resp: 93771
Ion Ratio Lower Upper
240 100
120 4.8 3.8 5.6
236 25.1 21.0 31.6





#77

Benzidine

Concen: 3.429 ng

RT: 20.327 min Scan# 2859

Delta R.T. 0.370 min

Lab File: BG057009.D

Acq: 6 Apr 2023 12:39

Instrument :

BNA_G

ClientSampleId :

PB151838TB

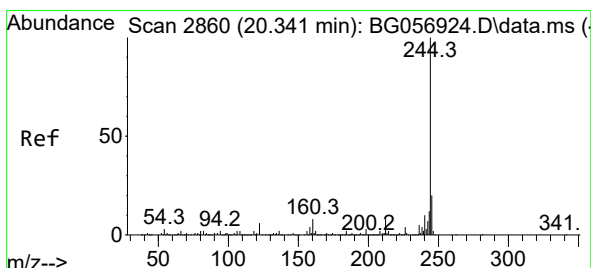
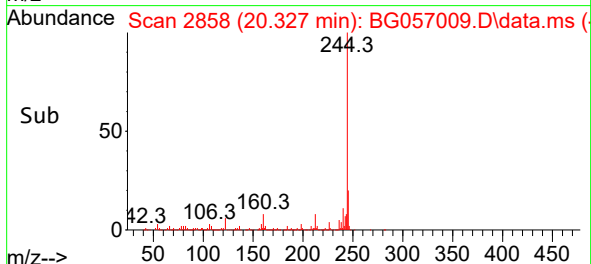
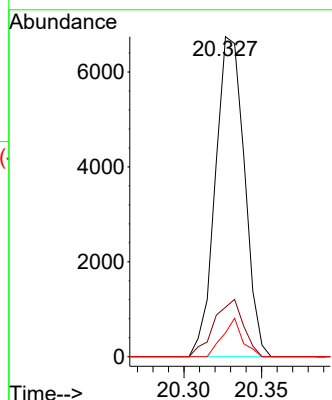
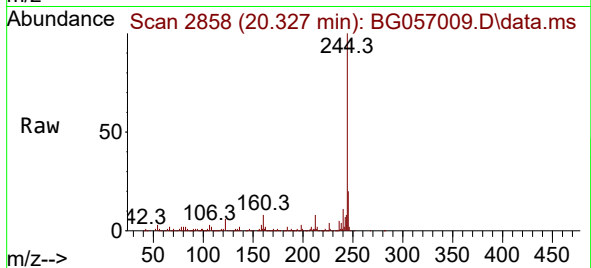
Tgt Ion:184 Resp: 8789

Ion Ratio Lower Upper

184 100

185 15.5 11.0 16.4

183 7.4 11.4 17.0#



#79

Terphenyl-d14

Concen: 101.257 ng

RT: 20.333 min Scan# 2859

Delta R.T. 0.000 min

Lab File: BG057009.D

Acq: 6 Apr 2023 12:39

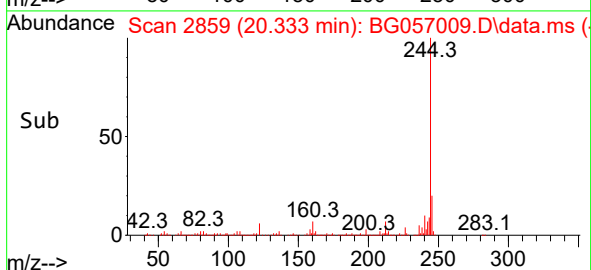
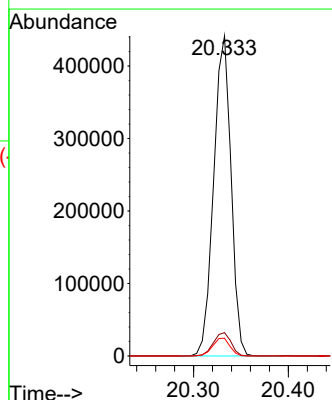
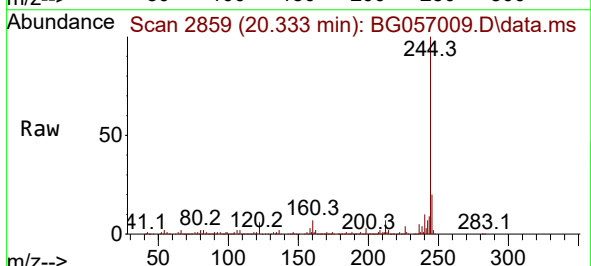
Tgt Ion:244 Resp: 561118

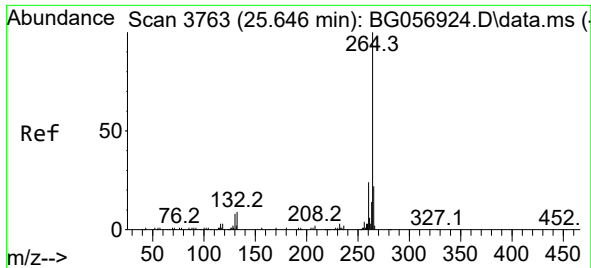
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.620 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG057009.D
 Acq: 6 Apr 2023 12:39

Instrument :
 BNA_G
 ClientSampleId :
 PB151838TB

Tgt Ion:264 Resp: 100144
 Ion Ratio Lower Upper
 264 100
 260 27.2 19.0 28.4
 265 21.4 17.8 26.6

