

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG049000.D
 Acq On : 16 Jun 2021 16:26
 Operator : CG/JU
 Sample : PB137155TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137155TB

Quant Time: Jun 16 17:03:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

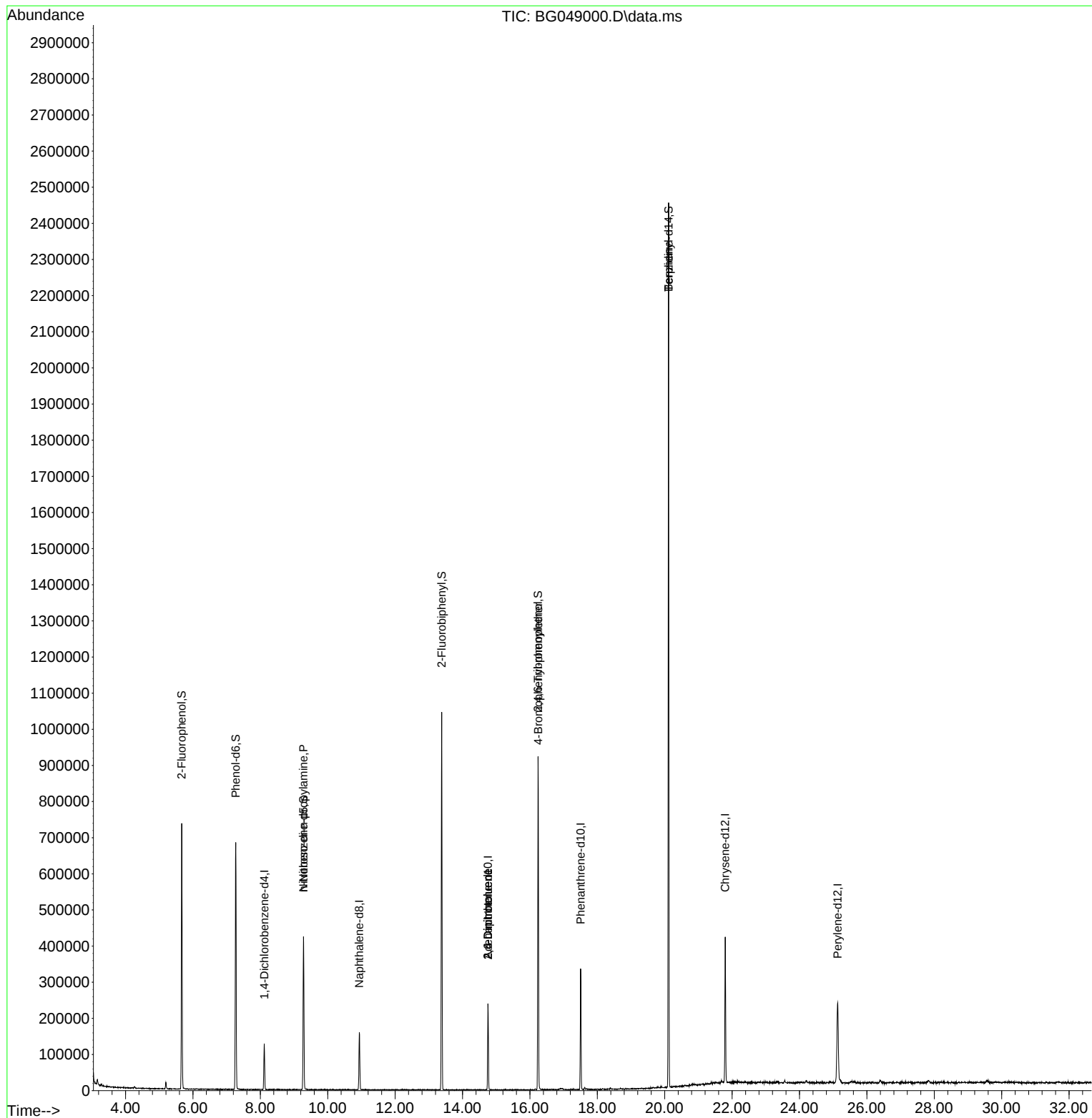
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	32685	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	125161	20.000	ng	# 0.00
39) Acenaphthene-d10	14.756	164	86517	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	207758	20.000	ng	# 0.00
76) Chrysene-d12	21.795	240	245504	20.000	ng	0.00
86) Perylene-d12	25.133	264	257721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	277020	131.935	ng	0.00
7) Phenol-d6	7.271	99	346892	110.230	ng	0.00
23) Nitrobenzene-d5	9.281	82	248765	85.703	ng	0.00
42) 2,4,6-Tribromophenol	16.243	330	171311	133.648	ng	0.00
45) 2-Fluorobiphenyl	13.382	172	525055	85.732	ng	0.00
79) Terphenyl-d14	20.115	244	1091941	81.457	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.281	70	37863	15.392	ng	# 71
51) 2,6-Dinitrotoluene	14.756	165	11437	8.333	ng	# 10
57) 2,4-Dinitrotoluene	14.756	165	11437	6.784	ng	# 15
67) 4-Bromophenyl-phenylether	16.249	248	10926	4.212	ng	# 1
77) Benzidine	20.115	184	21745	4.397	ng	# 95

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

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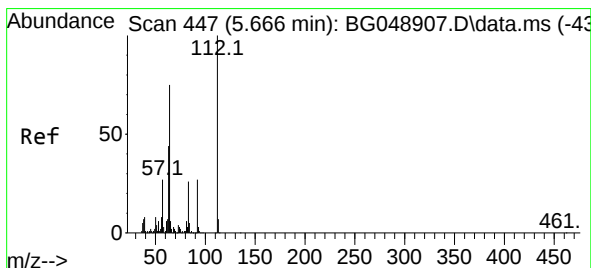
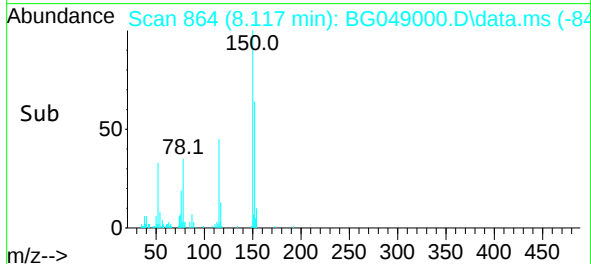
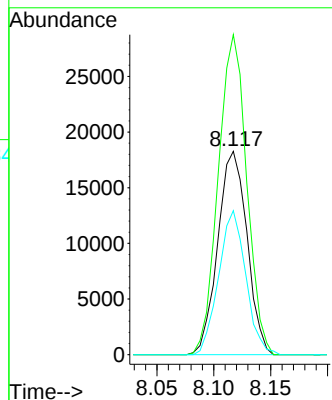
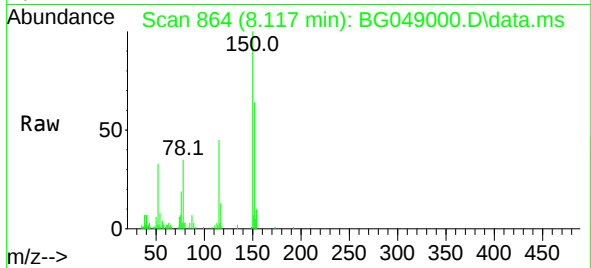




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 864
Delta R.T. 0.003 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

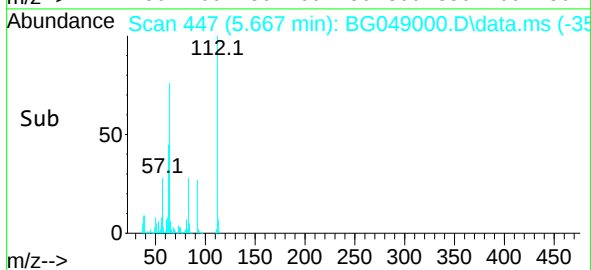
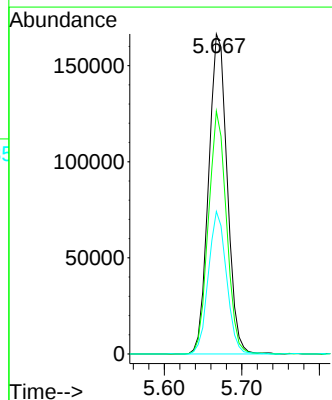
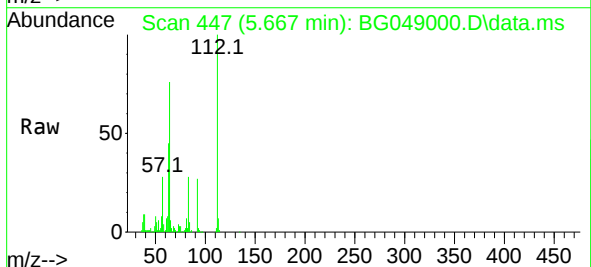
Instrument :
BNA_G
ClientSampleId :
PB137155TB

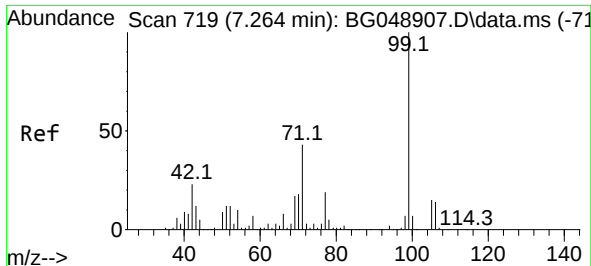
Tgt Ion:152 Resp: 32685
Ion Ratio Lower Upper
152 100
150 157.4 119.4 179.0
115 70.8 60.2 90.4



#5
2-Fluorophenol
Concen: 131.935 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.004 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Tgt Ion:112 Resp: 277020
Ion Ratio Lower Upper
112 100
64 75.9 46.7 70.1#
63 44.5 35.3 52.9

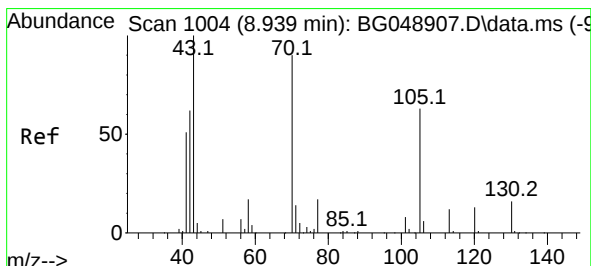
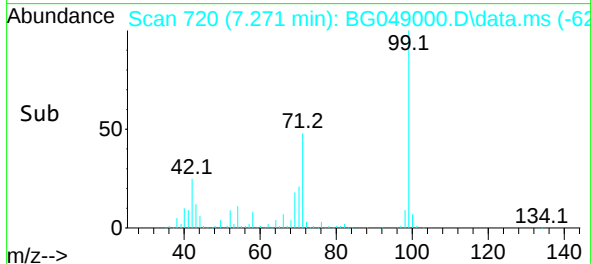
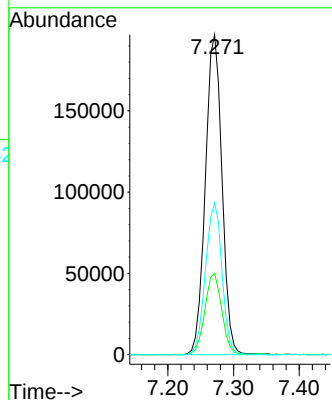
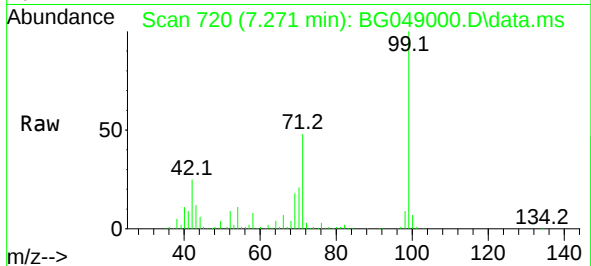




#7
Phenol-d6
Concen: 110.230 ng
RT: 7.271 min Scan# 720
Delta R.T. 0.004 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

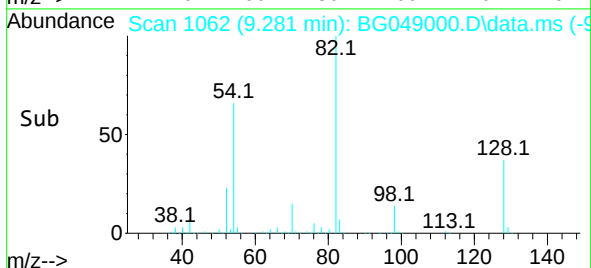
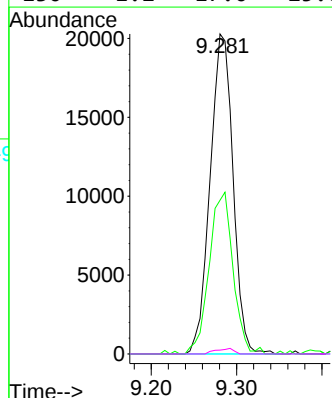
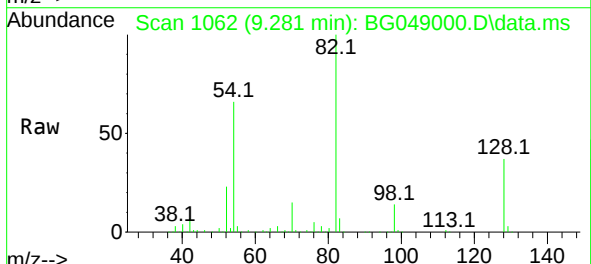
Instrument :
BNA_G
ClientSampleId :
PB137155TB

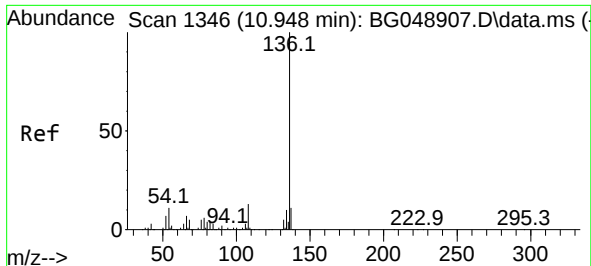
Tgt Ion: 99 Resp: 346892
Ion Ratio Lower Upper
99 100
42 25.4 20.5 30.7
71 47.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.392 ng
RT: 9.281 min Scan# 1062
Delta R.T. 0.356 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

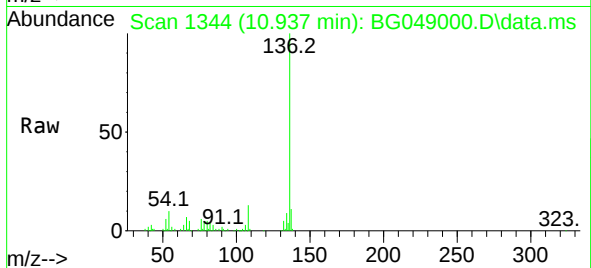
Tgt Ion: 70 Resp: 37863
Ion Ratio Lower Upper
70 100
42 48.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#



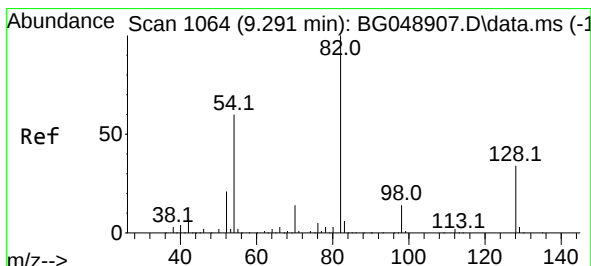
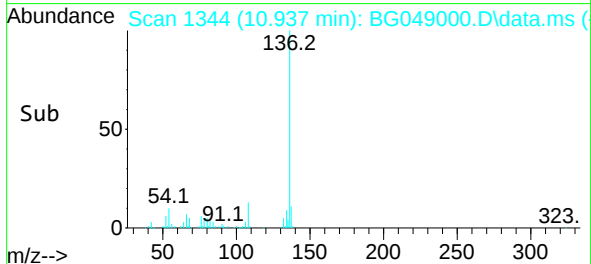
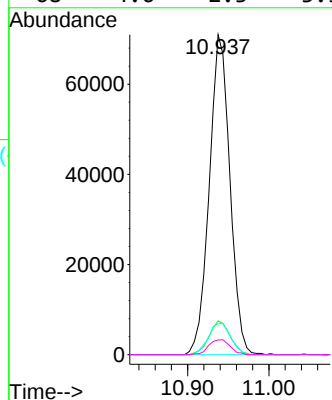


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Instrument :
BNA_G
ClientSampleId :
PB137155TB

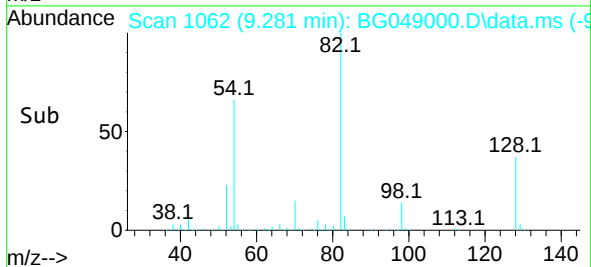
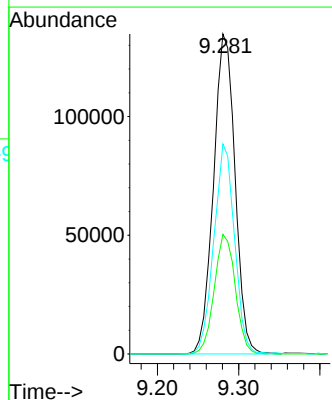
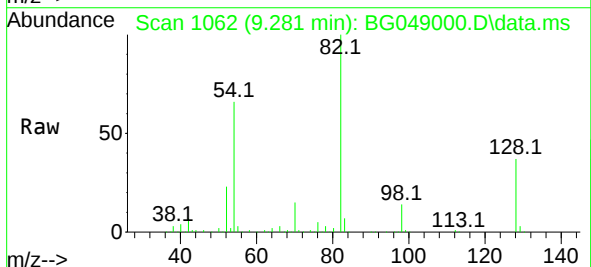


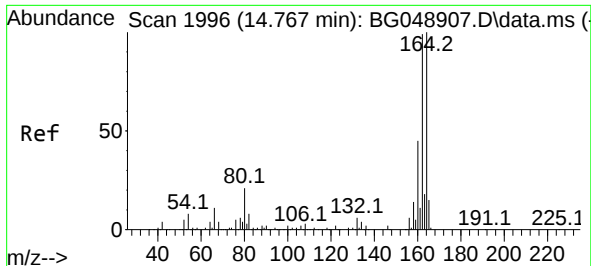
Tgt Ion:	136	Resp:	125161
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	9.7	5.5	8.3#
68	4.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 85.703 ng
RT: 9.281 min Scan# 1062
Delta R.T. -0.002 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Tgt Ion:	82	Resp:	248765
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.8	44.6
54	65.7	45.8	68.8

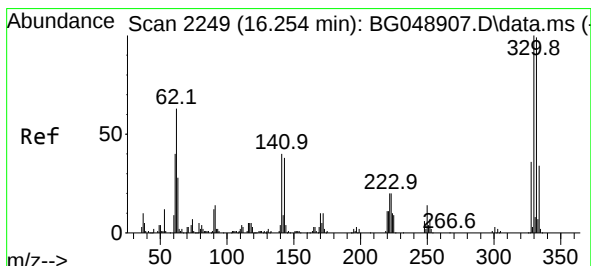
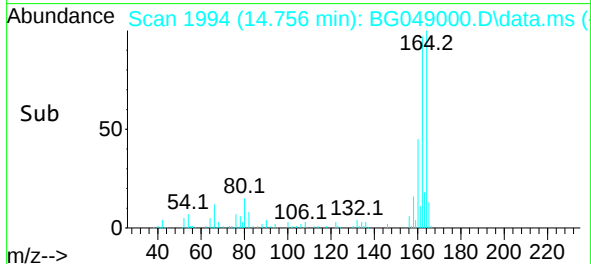
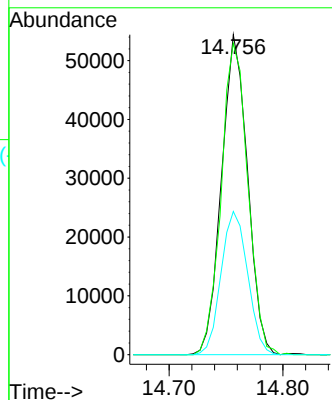
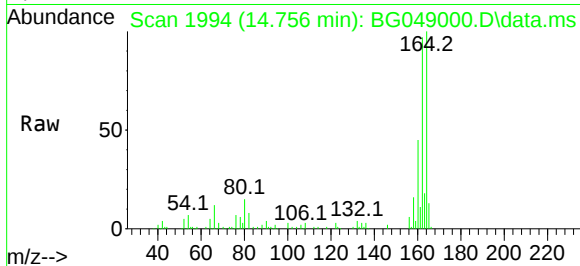




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.002 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

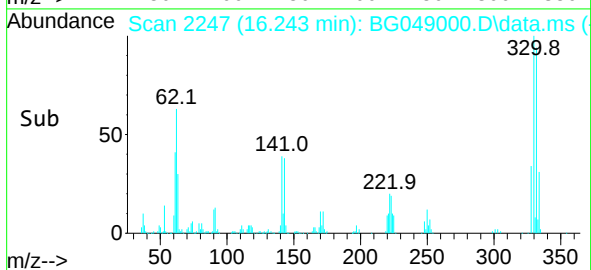
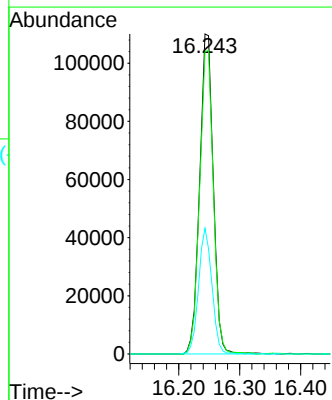
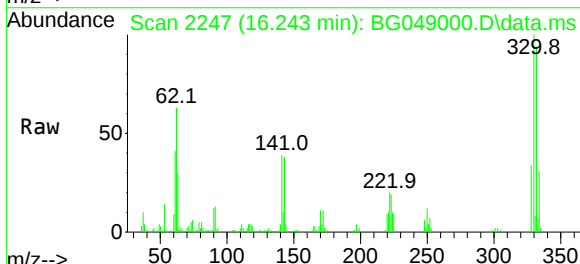
Instrument :
BNA_G
ClientSampleId :
PB137155TB

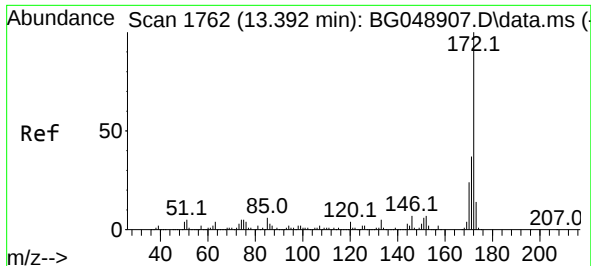
Tgt Ion:164 Resp: 86517
Ion Ratio Lower Upper
164 100
162 97.3 81.4 122.0
160 44.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 133.648 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.002 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

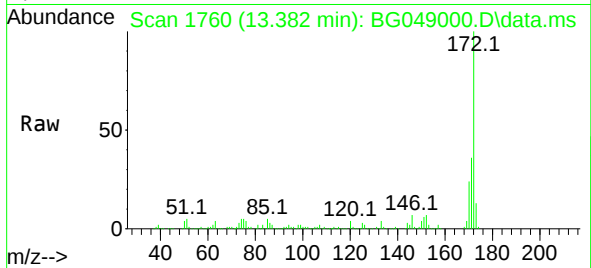
Tgt Ion:330 Resp: 171311
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 38.3 35.6 53.4



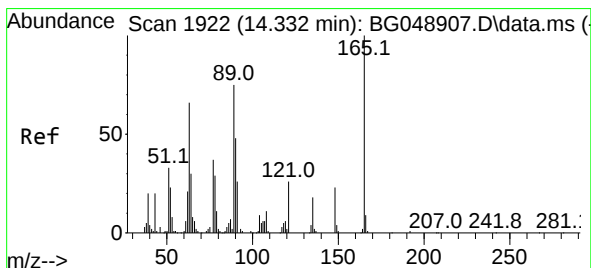
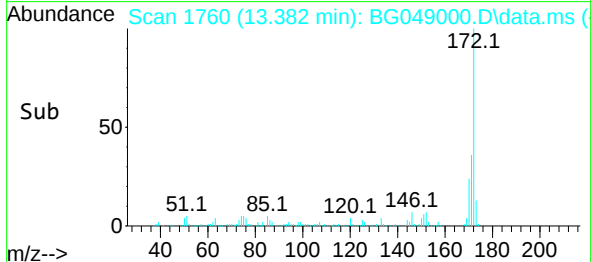
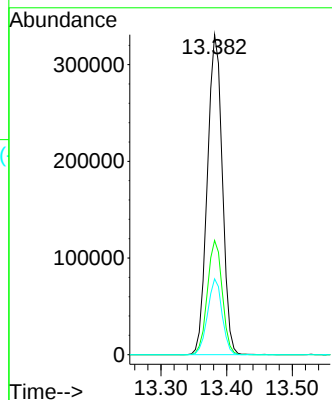


#45
2-Fluorobiphenyl
Concen: 85.732 ng
RT: 13.382 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Instrument :
BNA_G
ClientSampleId :
PB137155TB

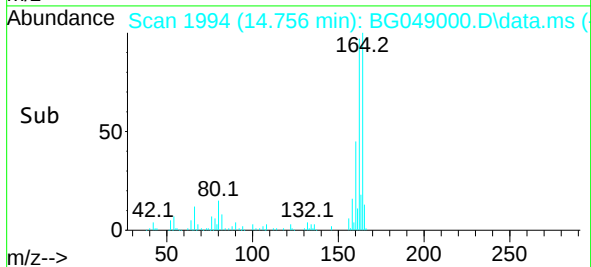
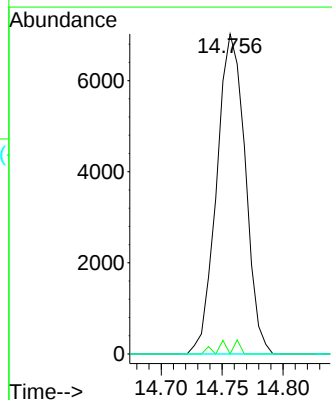
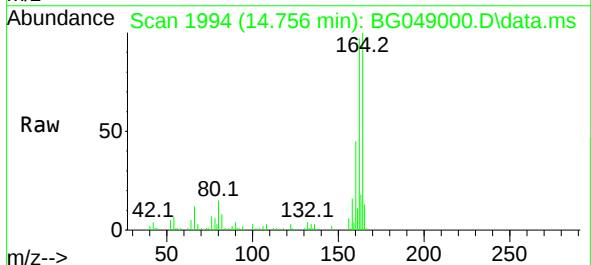


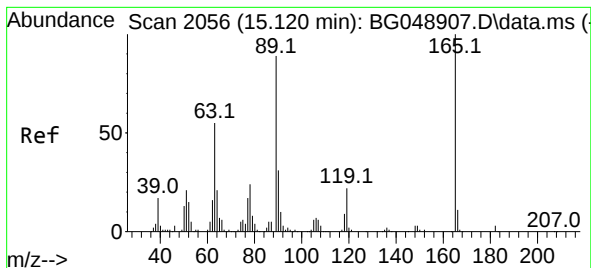
Tgt Ion:172 Resp: 525055
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.333 ng
RT: 14.756 min Scan# 1994
Delta R.T. 0.433 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

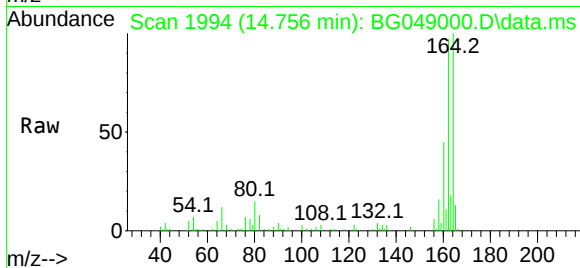
Tgt Ion:165 Resp: 11437
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



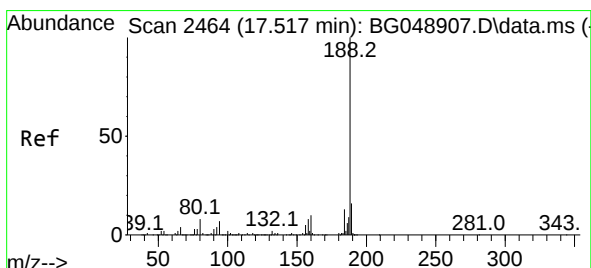
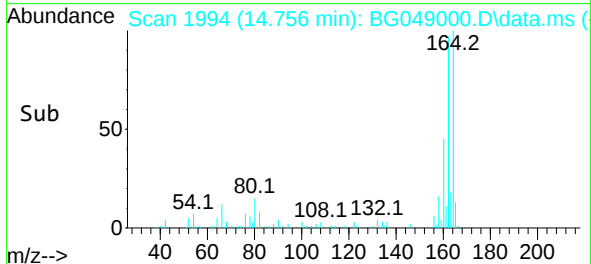
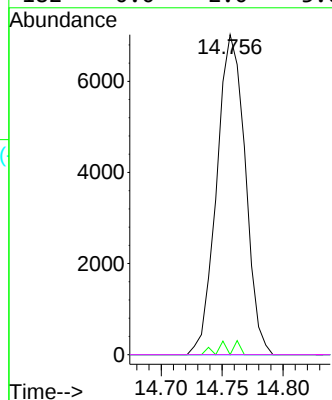


#57
2,4-Dinitrotoluene
Concen: 6.784 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.355 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Instrument :
BNA_G
ClientSampleId :
PB137155TB

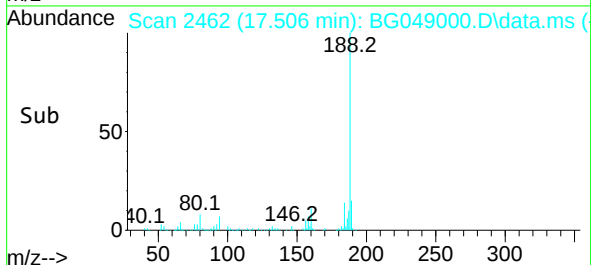
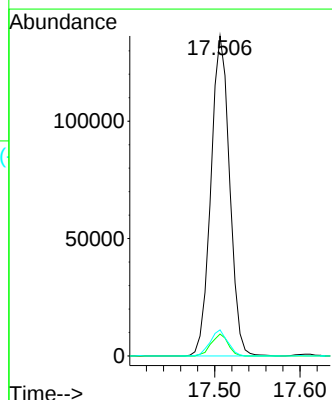
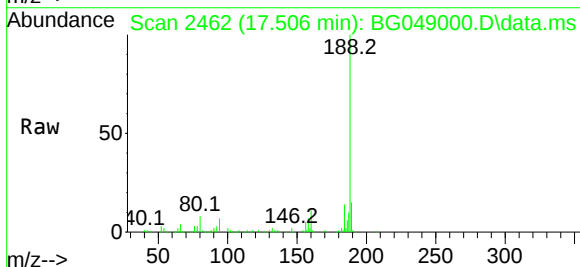


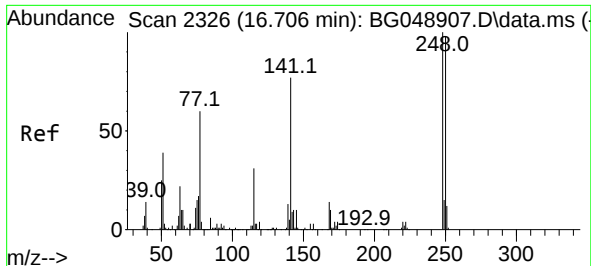
Tgt Ion:165 Resp: 11437
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2462
Delta R.T. -0.002 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Tgt Ion:188 Resp: 207758
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.2 3.7 5.5#

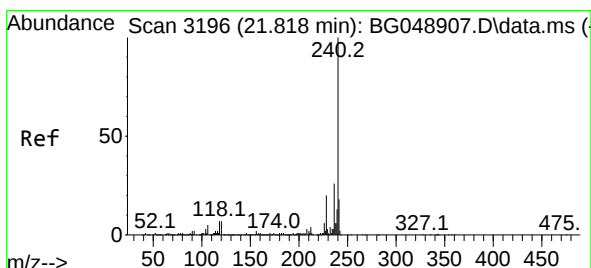
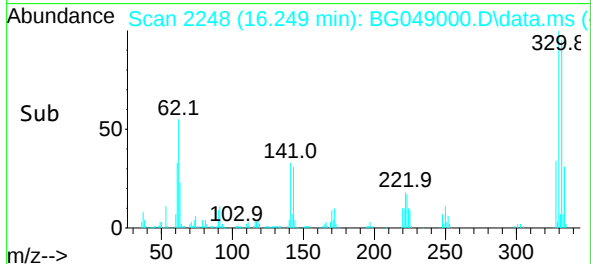
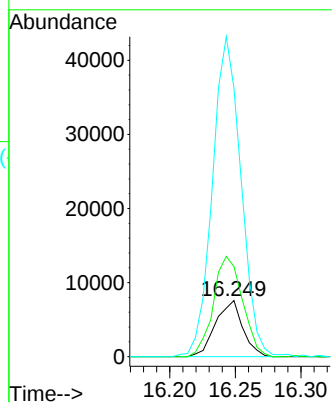
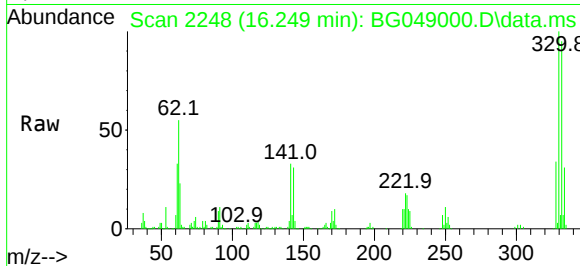




#67
4-Bromophenyl-phenylether
Concen: 4.212 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.443 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

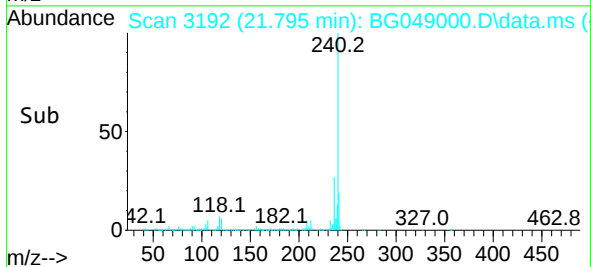
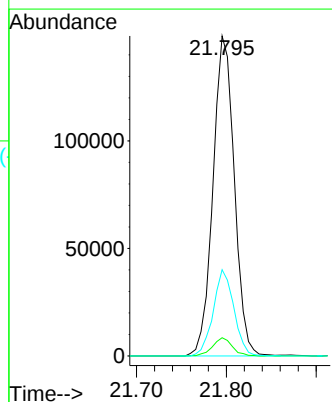
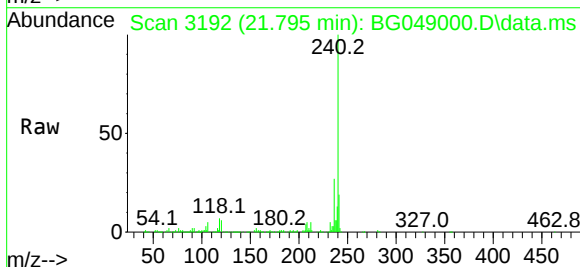
Instrument :
BNA_G
ClientSampleId :
PB137155TB

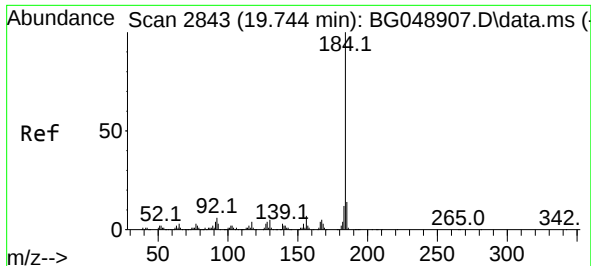
Tgt Ion:248 Resp: 10926
Ion Ratio Lower Upper
248 100
250 160.5 76.1 114.1#
141 477.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.002 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Tgt Ion:240 Resp: 245504
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 27.0 21.8 32.6

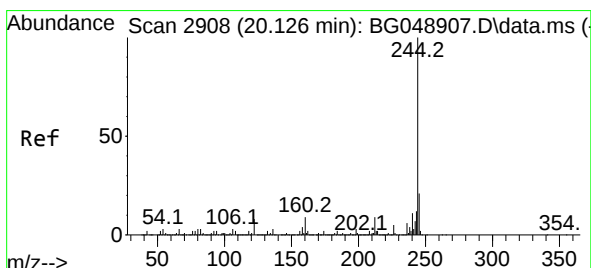
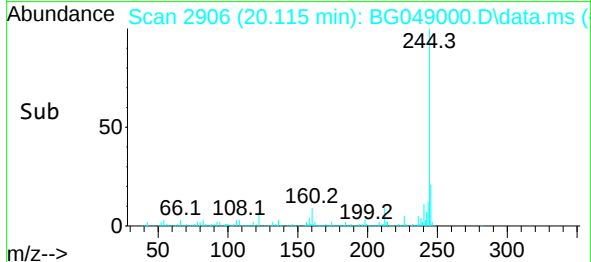
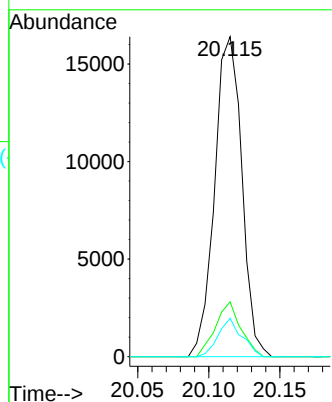
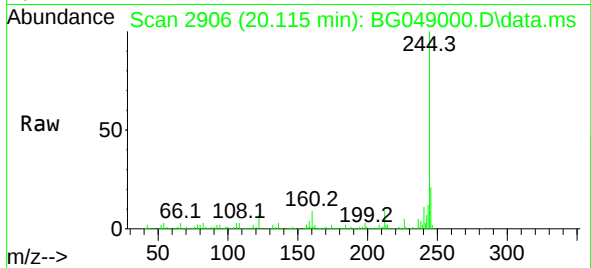




#77
Benzidine
Concen: 4.397 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.386 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

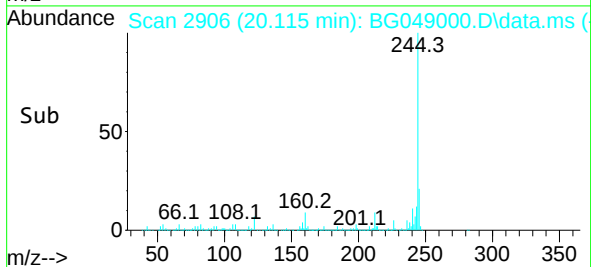
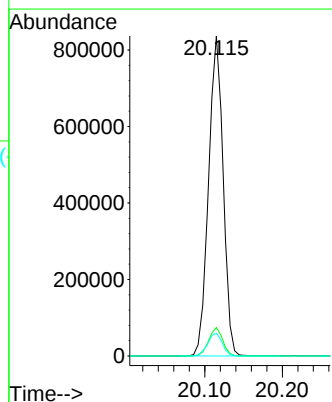
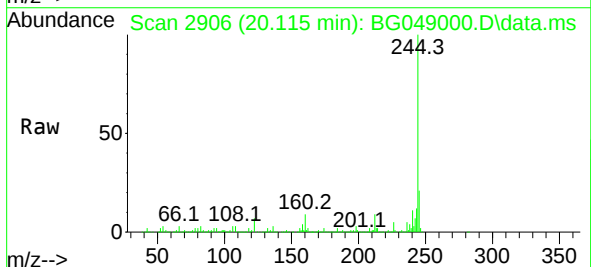
Instrument :
BNA_G
ClientSampleId :
PB137155TB

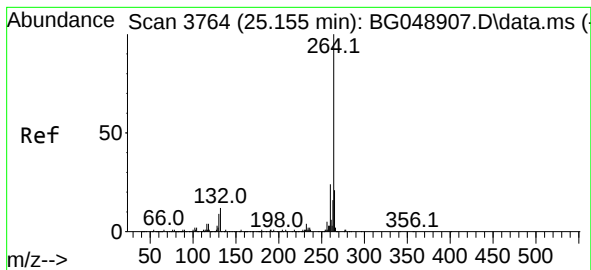
Tgt Ion:184 Resp: 21745
Ion Ratio Lower Upper
184 100
185 17.1 10.7 16.1#
183 12.0 9.4 14.0



#79
Terphenyl-d14
Concen: 81.457 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.004 min
Lab File: BG049000.D
Acq: 16 Jun 2021 16:26

Tgt Ion:244 Resp: 1091941
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 7.1 5.0 7.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3760

Delta R.T. 0.004 min

Lab File: BG049000.D

Acq: 16 Jun 2021 16:26

Instrument :

BNA_G

ClientSampleId :

PB137155TB

Tgt Ion:264 Resp: 257721

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 20.5 16.9 25.3

