

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
 Data File : BG054675.D
 Acq On : 20 Aug 2022 00:01
 Operator : CG/JU
 Sample : PB147091BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147091BL

Quant Time: Aug 22 00:35:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 00:08:53 2022
 Response via : Initial Calibration

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

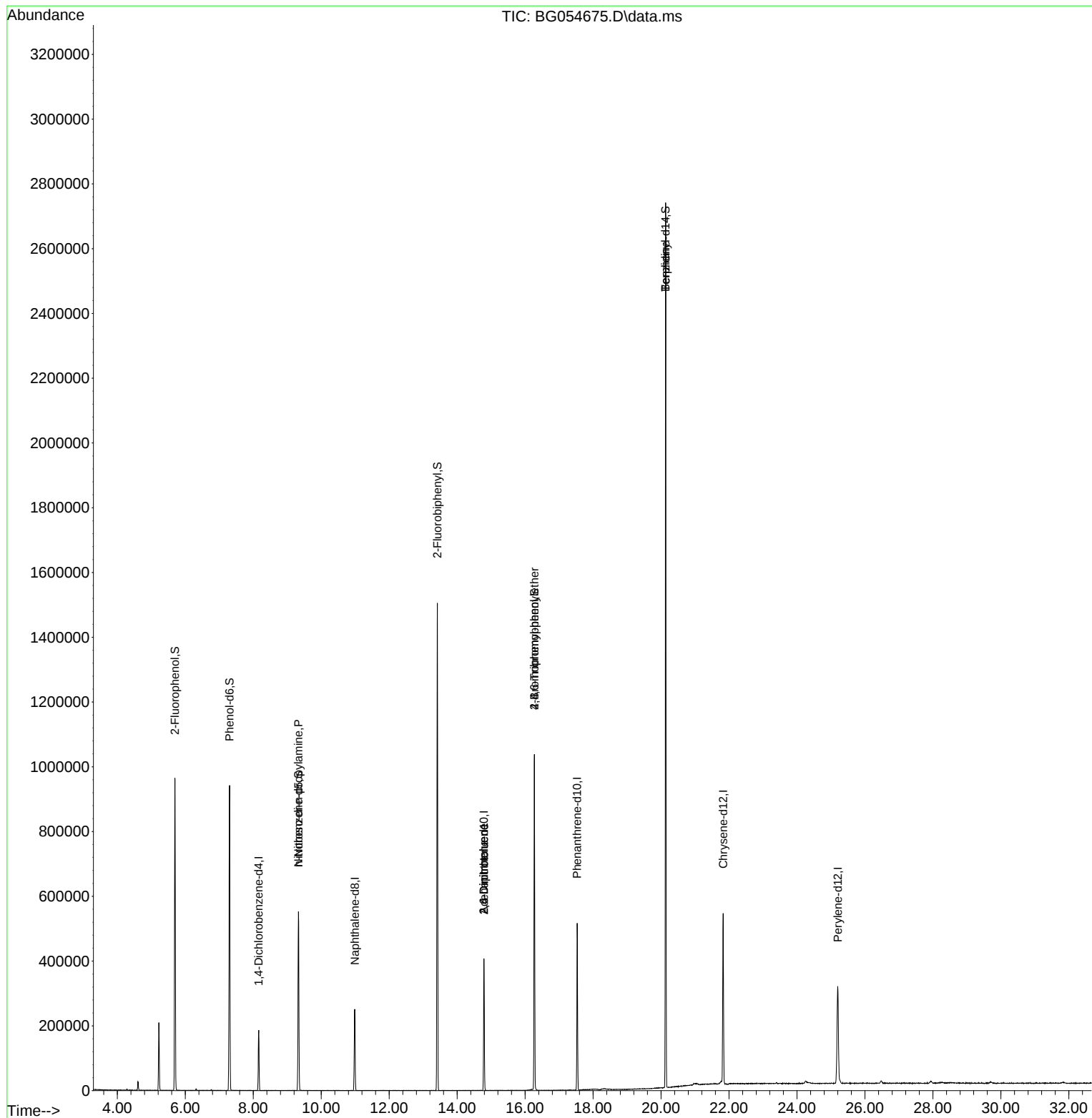
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	54789	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	223890	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	142509	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	326292	20.000	ng	0.00
76) Chrysene-d12	21.827	240	321563	20.000	ng	0.00
86) Perylene-d12	25.200	264	330858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	442554	146.260	ng	0.00
7) Phenol-d6	7.303	99	579118	136.854	ng	0.00
23) Nitrobenzene-d5	9.330	82	347862	89.702	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	201299	135.280	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	810515	89.088	ng	0.00
79) Terphenyl-d14	20.135	244	1357352	90.220	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.330	70	42962	15.459	ng	# 84
51) 2,6-Dinitrotoluene	14.788	165	19280	10.124	ng	# 22
57) 2,4-Dinitrotoluene	14.788	165	19280	7.544	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.222	198	56	Below Cal		# 35
67) 4-Bromophenyl-phenylether	16.275	248	13387	4.049	ng	# 1
77) Benzidine	20.135	184	21152	3.508	ng	# 93

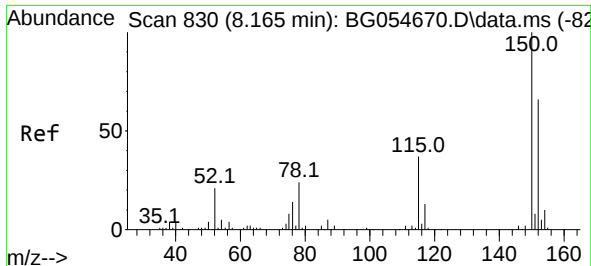
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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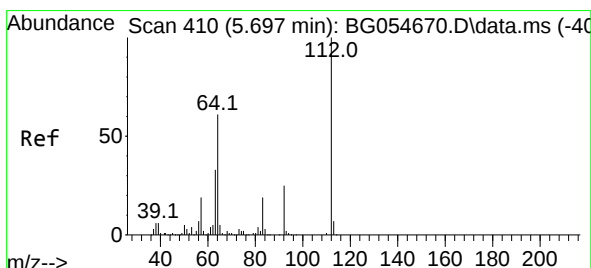
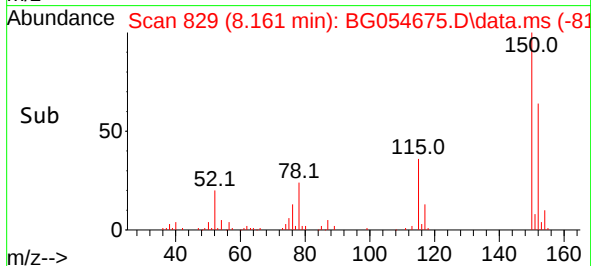
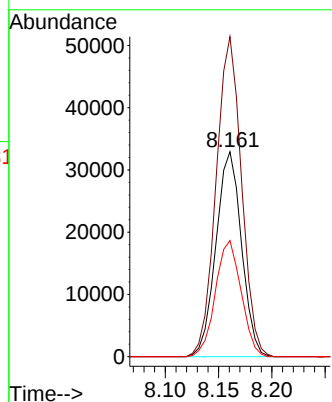
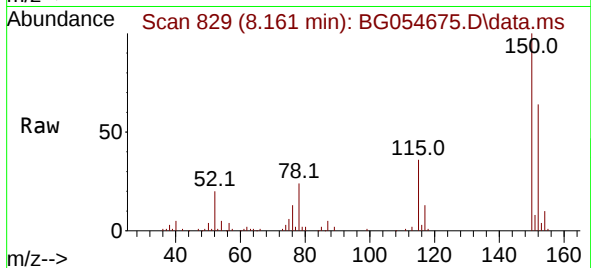




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

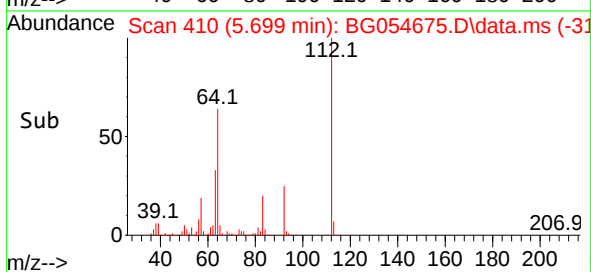
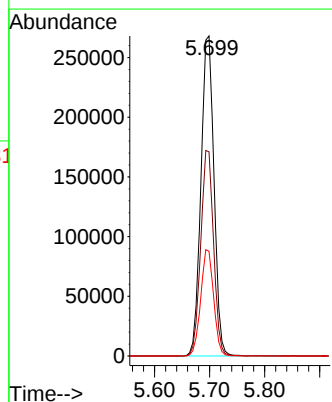
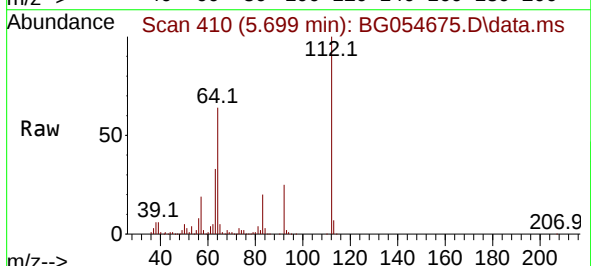
Instrument :
BNA_G
ClientSampleId :
PB147091BL

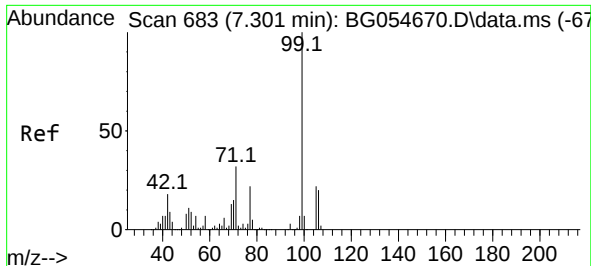
Tgt Ion:152 Resp: 54789
Ion Ratio Lower Upper
152 100
150 156.2 121.7 182.5
115 56.7 45.3 67.9



#5
2-Fluorophenol
Concen: 146.260 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:112 Resp: 442554
Ion Ratio Lower Upper
112 100
64 63.8 48.6 73.0
63 32.7 26.3 39.5

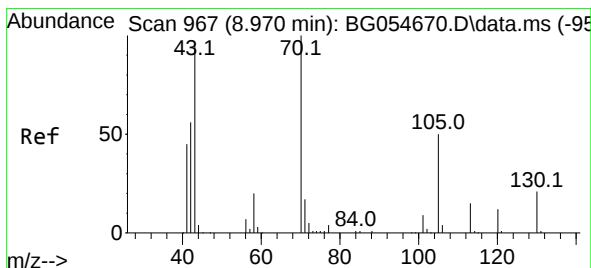
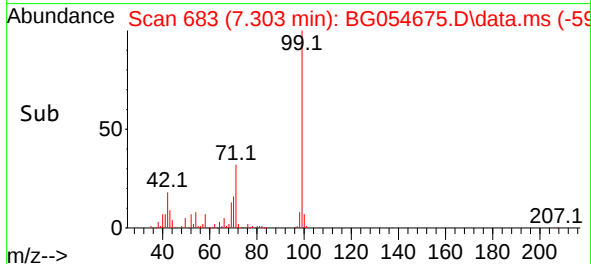
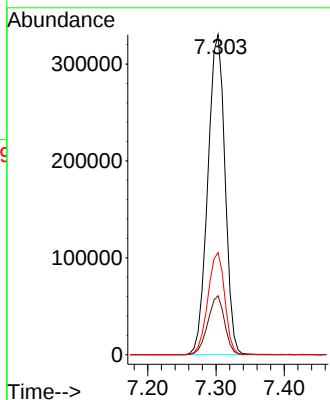
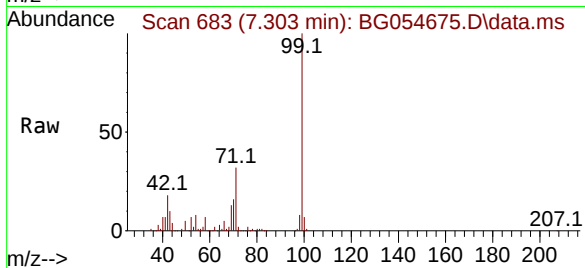




#7
Phenol-d6
Concen: 136.854 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

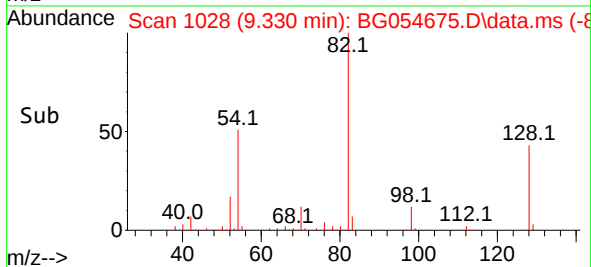
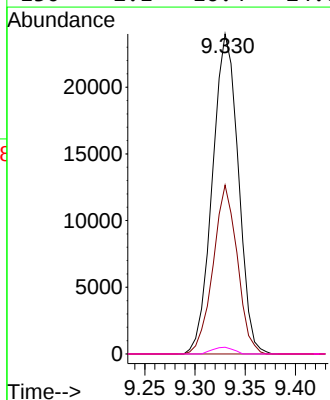
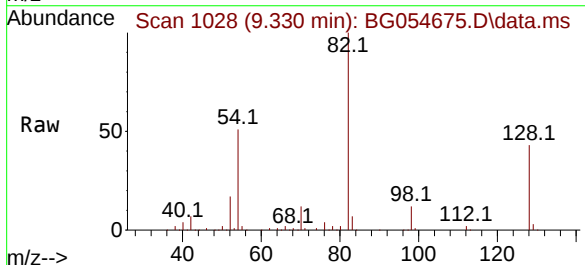
Instrument :
BNA_G
ClientSampleId :
PB147091BL

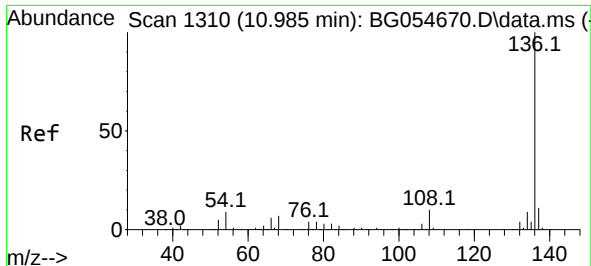
Tgt Ion: 99 Resp: 579118
Ion Ratio Lower Upper
99 100
42 18.4 14.0 21.0
71 31.9 25.3 37.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.459 ng
RT: 9.330 min Scan# 1028
Delta R.T. 0.360 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

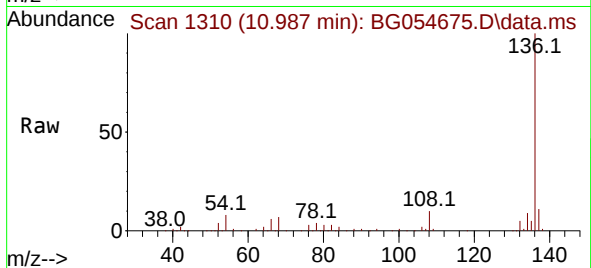
Tgt Ion: 70 Resp: 42962
Ion Ratio Lower Upper
70 100
42 52.7 45.8 68.8
101 0.0 7.1 10.7#
130 2.1 16.4 24.6#



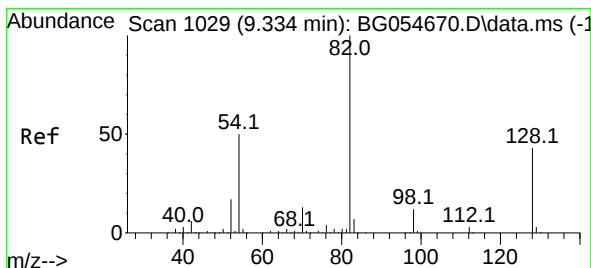
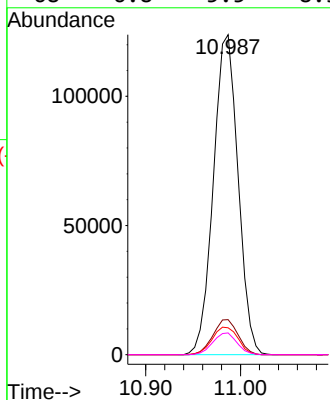


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

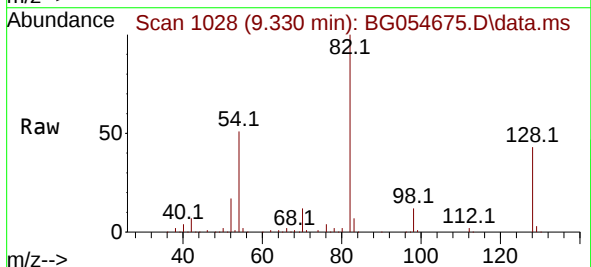
Instrument :
BNA_G
ClientSampleId :
PB147091BL



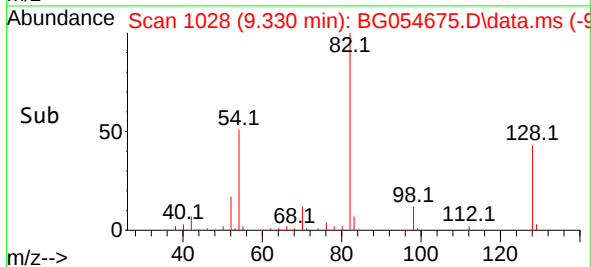
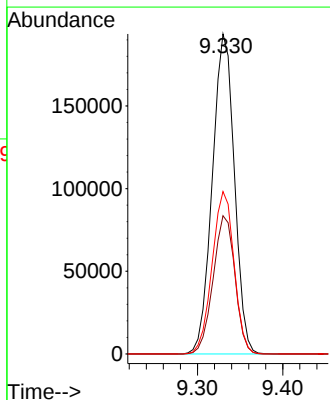
Tgt Ion:	136	Resp:	223890
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.4	7.4	11.0
68	6.8	5.5	8.3

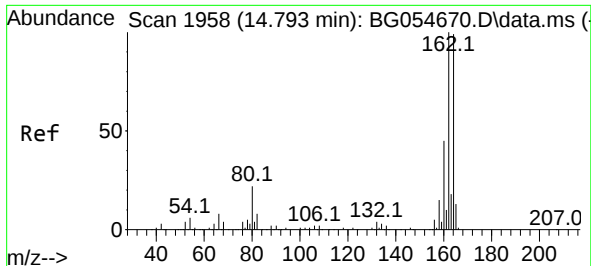


#23
Nitrobenzene-d5
Concen: 89.702 ng
RT: 9.330 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01



Tgt Ion:	82	Resp:	347862
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.3	51.5
54	50.7	40.0	60.0

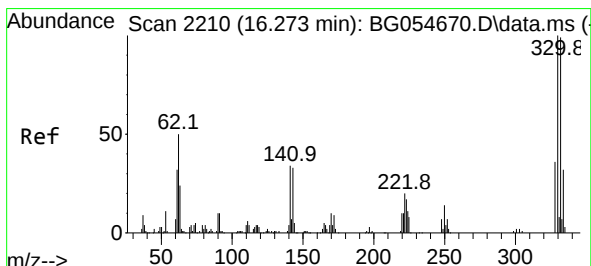
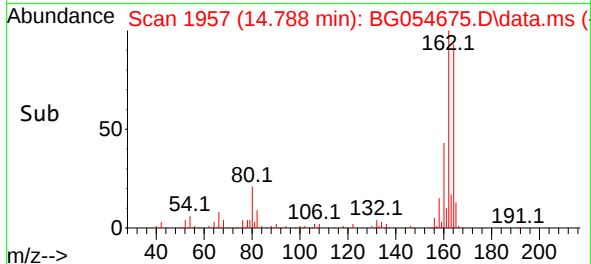
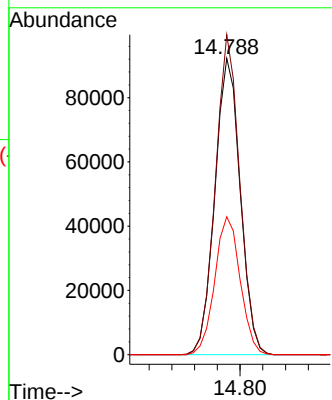
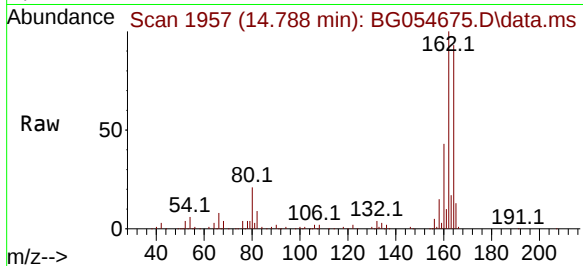




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.788 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

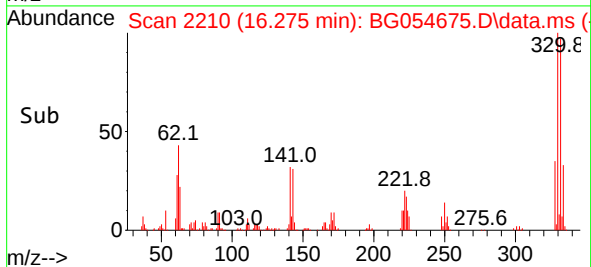
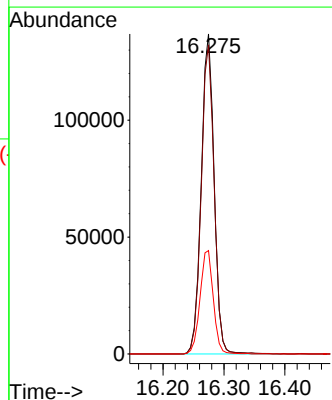
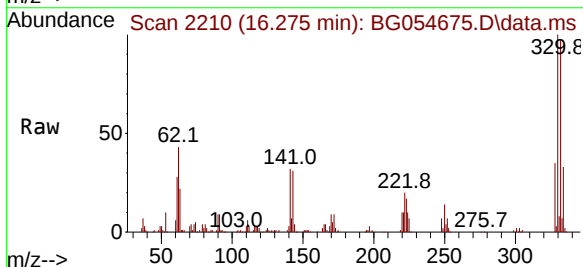
Instrument :
BNA_G
ClientSampleId :
PB147091BL

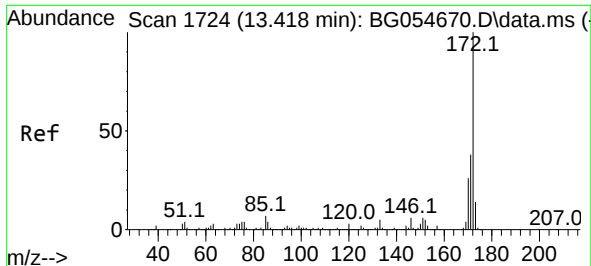
Tgt Ion:164 Resp: 142509
Ion Ratio Lower Upper
164 100
162 108.0 80.9 121.3
160 46.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 135.280 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.002 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:330 Resp: 201299
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 33.2 26.2 39.2

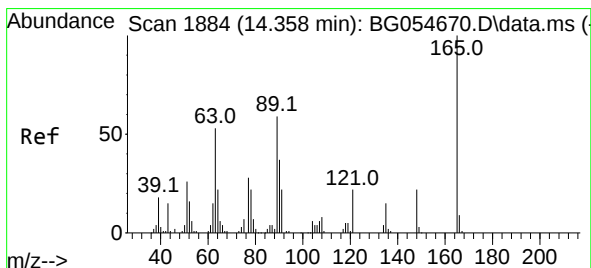
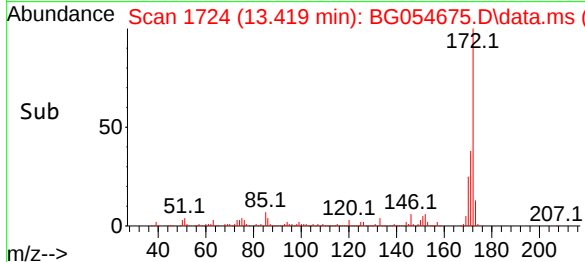
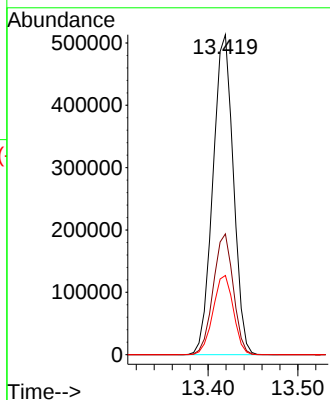
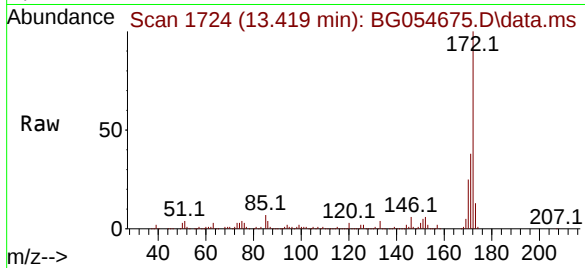




#45
2-Fluorobiphenyl
Concen: 89.088 ng
RT: 13.419 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

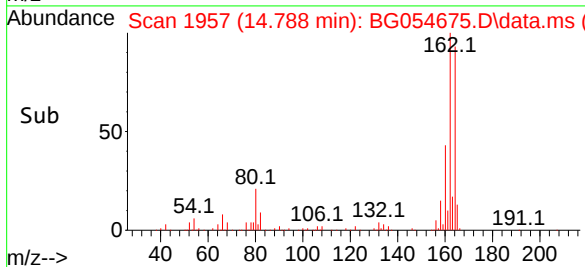
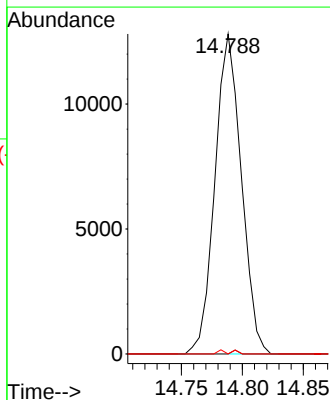
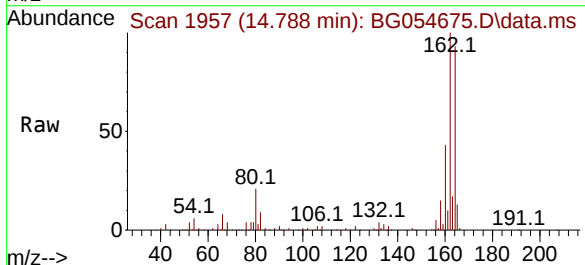
Instrument :
BNA_G
ClientSampleId :
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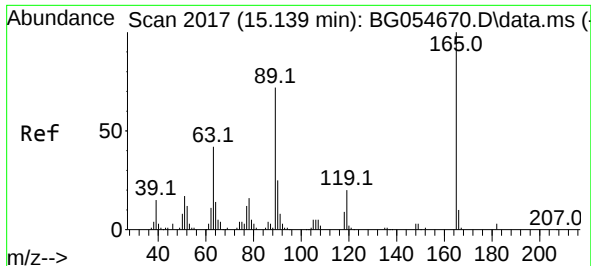
Tgt Ion:172 Resp: 810515
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.8 20.4 30.6



#51
2,6-Dinitrotoluene
Concen: 10.124 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.430 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:165 Resp: 19280
Ion Ratio Lower Upper
165 100
63 0.0 44.6 67.0#
89 0.0 47.4 71.2#

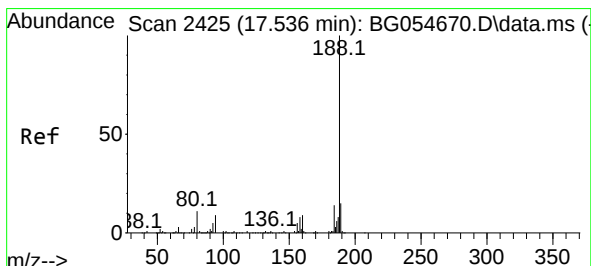
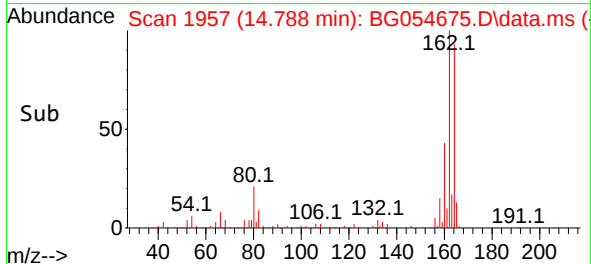
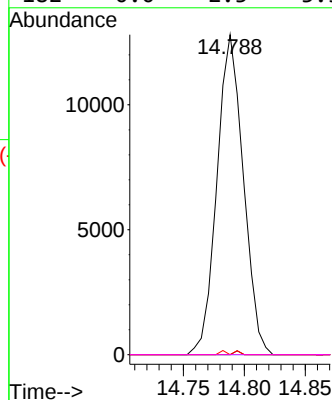
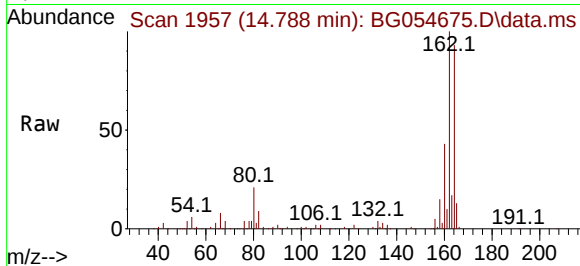




#57
2,4-Dinitrotoluene
Concen: 7.544 ng
RT: 14.788 min Scan# 1957
Delta R.T. -0.351 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

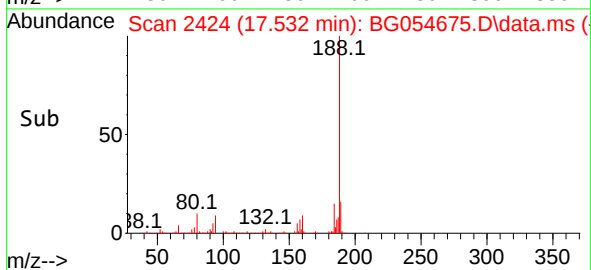
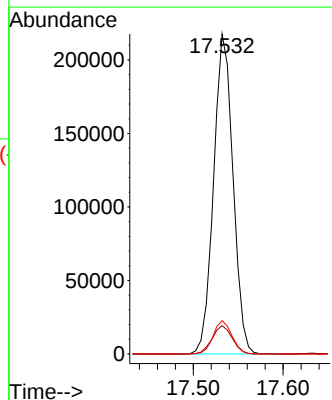
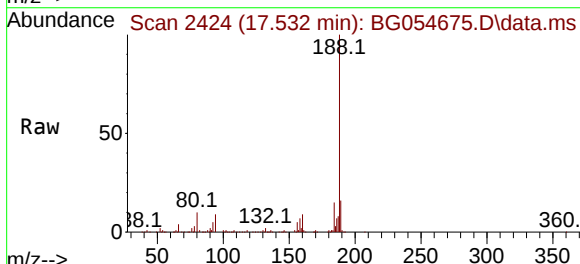
Instrument :
BNA_G
ClientSampleId :
PB147091BL

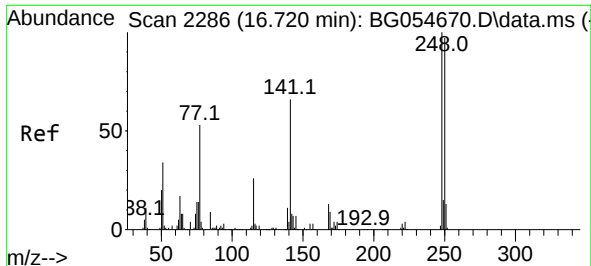
Tgt Ion:	165	Resp:	19280
Ion Ratio	Lower	Upper	
165	100		
63	0.0	33.7	50.5#
89	0.0	57.8	86.6#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:	188	Resp:	326292
Ion Ratio	Lower	Upper	
188	100		
94	8.8	7.4	11.0
80	10.4	8.4	12.6

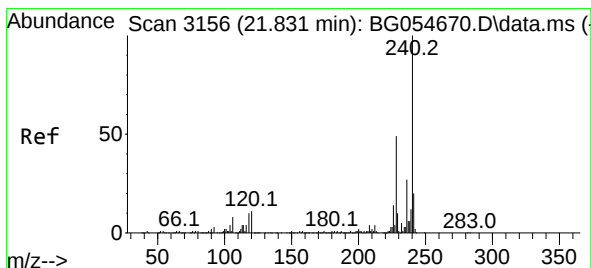
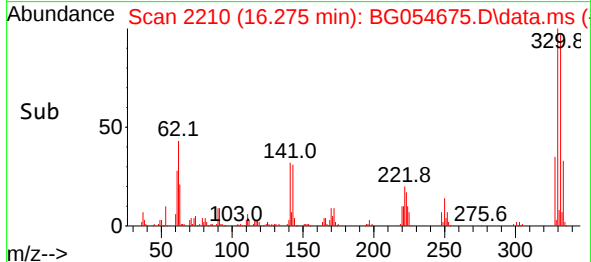
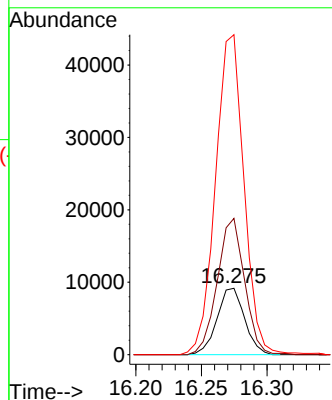
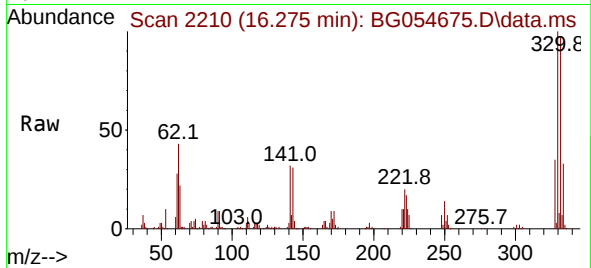




#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 16.275 min Scan# 211
Delta R.T. -0.445 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

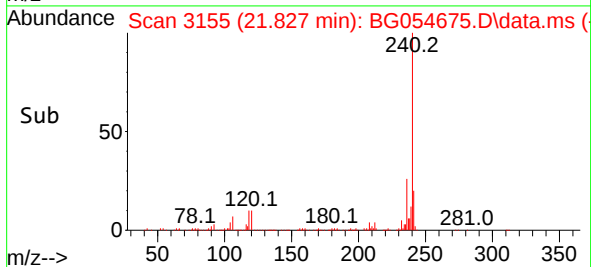
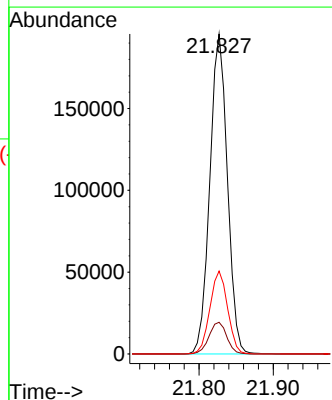
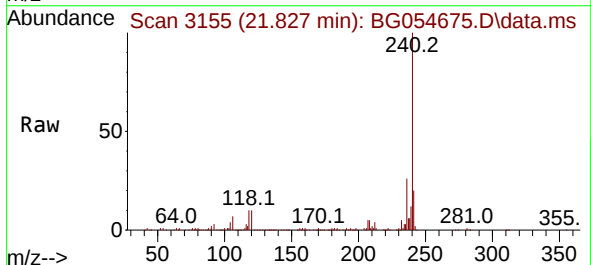
Instrument :
BNA_G
ClientSampleId :
PB147091BL

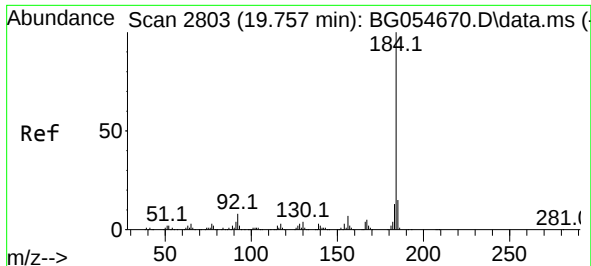
Tgt Ion:248 Resp: 13387
Ion Ratio Lower Upper
248 100
250 205.2 77.6 116.4#
141 482.0 53.0 79.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:240 Resp: 321563
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 25.9 21.3 31.9

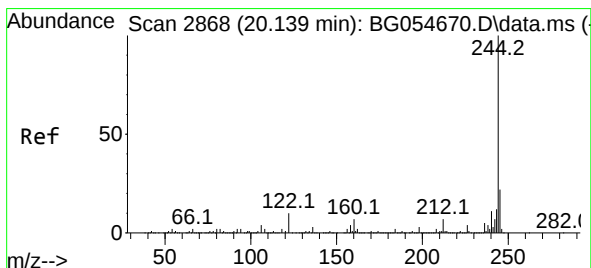
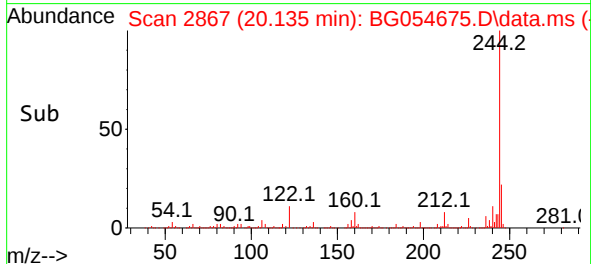
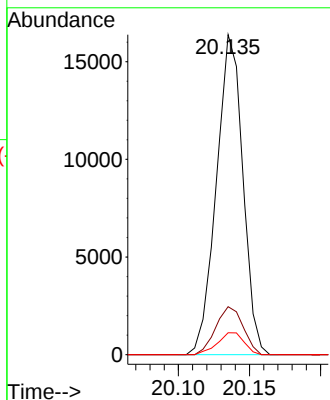
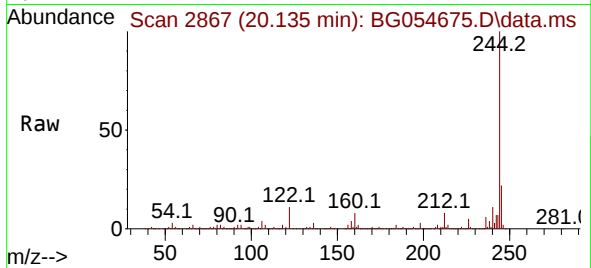




#77
Benzidine
Concen: 3.508 ng
RT: 20.135 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

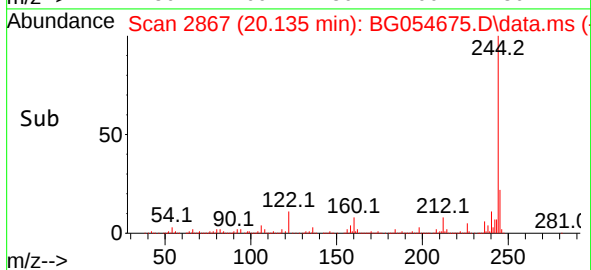
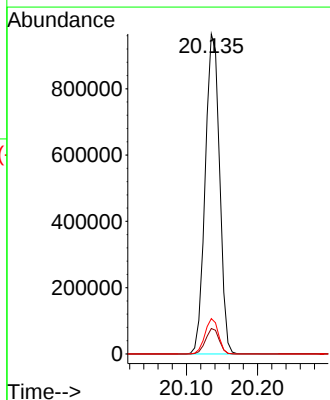
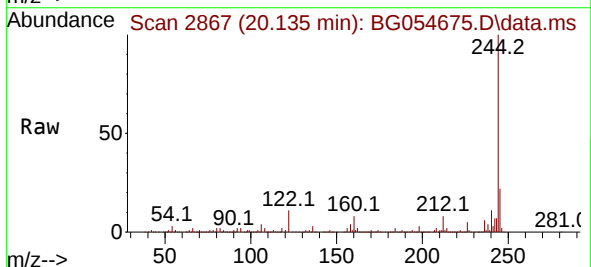
Instrument :
BNA_G
ClientSampleId :
PB147091BL

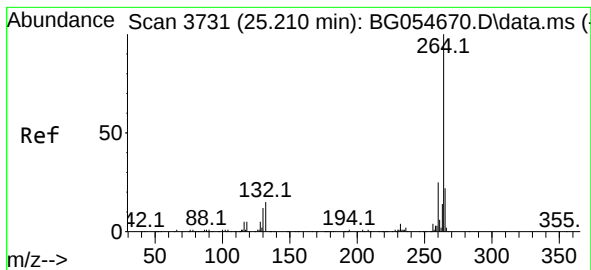
Tgt Ion:184 Resp: 21152
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 6.9 10.1 15.1#



#79
Terphenyl-d14
Concen: 90.220 ng
RT: 20.135 min Scan# 2867
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:244 Resp: 1357352
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.1 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.200 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG054675.D
 Acq: 20 Aug 2022 00:01

Instrument :
 BNA_G
 ClientSampleId :
 PB147091BL

Tgt Ion:264 Resp: 330858
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.3 17.3 25.9

