

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049040.D
 Acq On : 22 Jun 2021 10:47
 Operator : CG/JU
 Sample : PB137244TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137244TB

Quant Time: Jun 22 11:33:46 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)

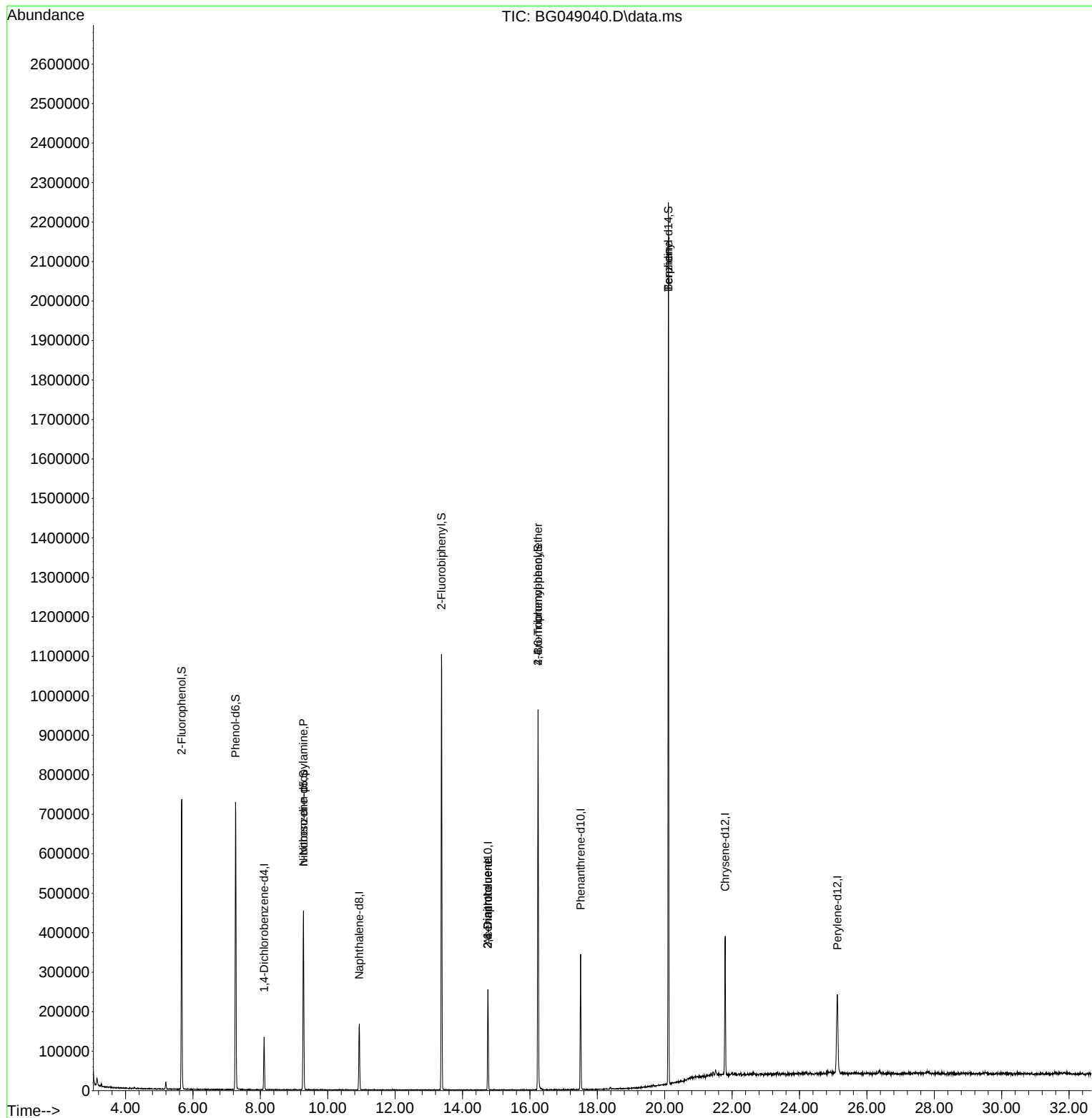
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	32918	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	134048	20.000	ng	# 0.00
39) Acenaphthene-d10	14.756	164	97341	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	217591	20.000	ng	# 0.00
76) Chrysene-d12	21.795	240	225910	20.000	ng	0.00
86) Perylene-d12	25.120	264	227838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	288776	136.561	ng	0.00
7) Phenol-d6	7.265	99	373402	117.814	ng	0.00
23) Nitrobenzene-d5	9.280	82	266146	85.612	ng	0.00
42) 2,4,6-Tribromophenol	16.243	330	184167	127.702	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	565380	82.051	ng	0.00
79) Terphenyl-d14	20.109	244	1052725	85.343	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	40332	16.280	ng	# 76
51) 2,6-Dinitrotoluene	14.750	165	12251	7.934	ng	# 12
57) 2,4-Dinitrotoluene	14.750	165	12251	6.459	ng	# 18
67) 4-Bromophenyl-phenylether	16.243	248	12106	4.456	ng	# 1
77) Benzidine	20.109	184	19866	4.365	ng	# 93

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

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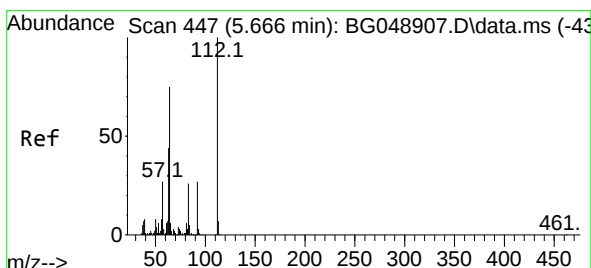
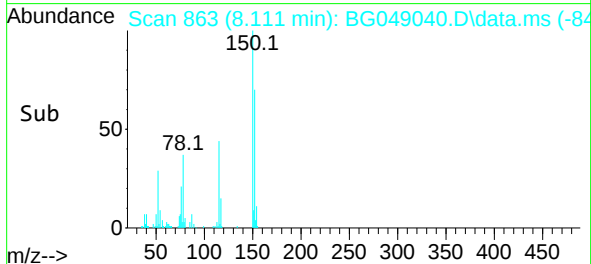
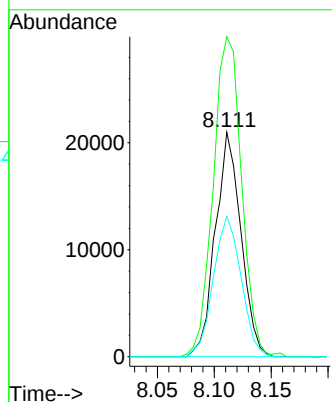
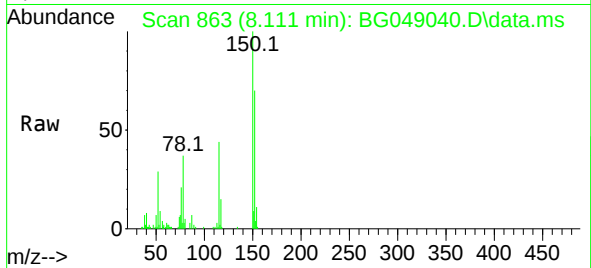




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

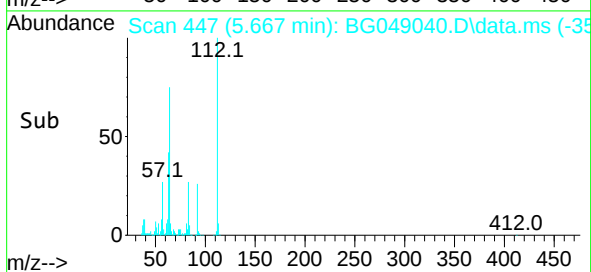
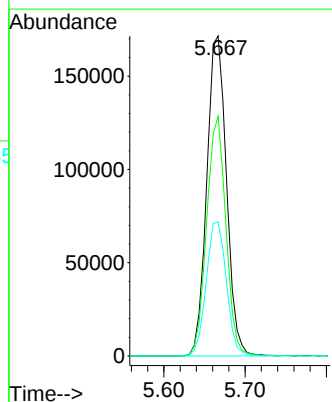
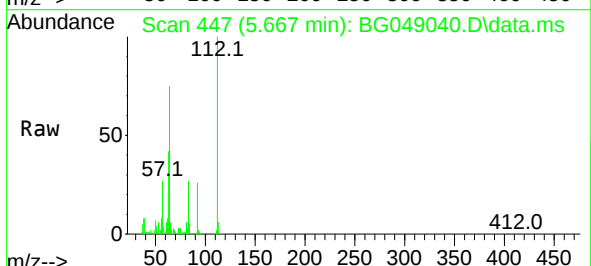
Instrument :
BNA_G
ClientSampleId :
PB137244TB

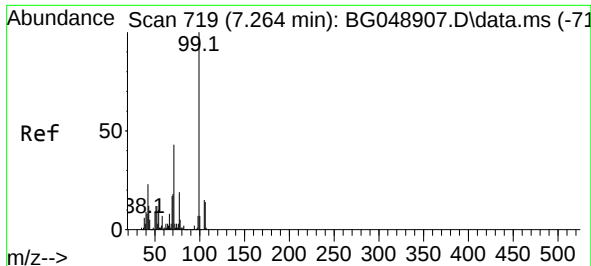
Tgt Ion:152 Resp: 32918
Ion Ratio Lower Upper
152 100
150 142.5 119.4 179.0
115 62.5 60.2 90.4



#5
2-Fluorophenol
Concen: 136.561 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Tgt Ion:112 Resp: 288776
Ion Ratio Lower Upper
112 100
64 74.8 46.7 70.1#
63 42.0 35.3 52.9

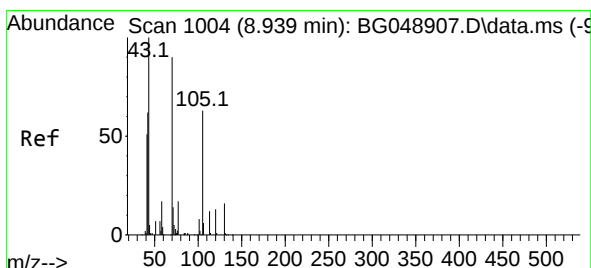
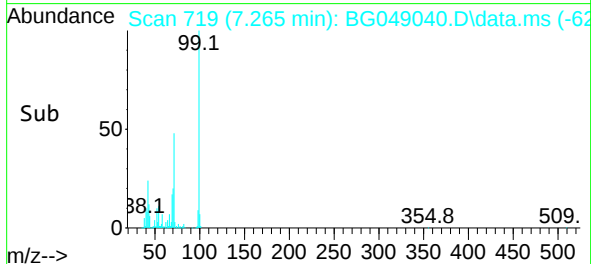
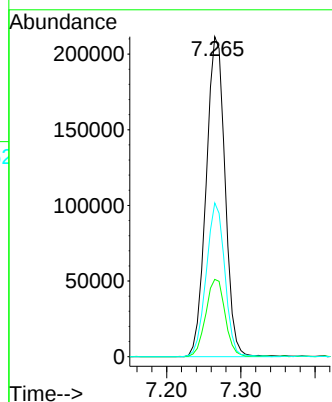
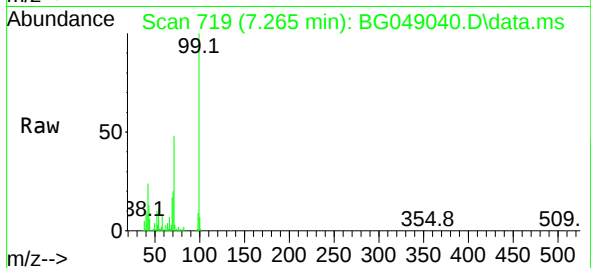




#7
Phenol-d6
Concen: 117.814 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

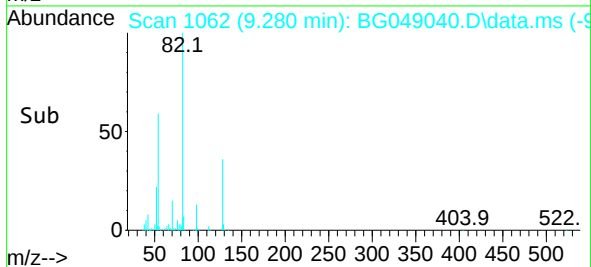
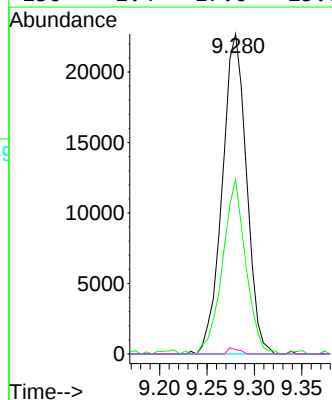
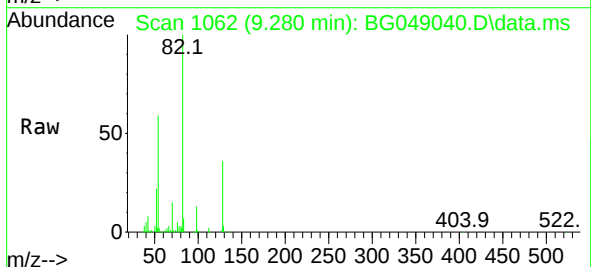
Instrument :
BNA_G
ClientSampleId :
PB137244TB

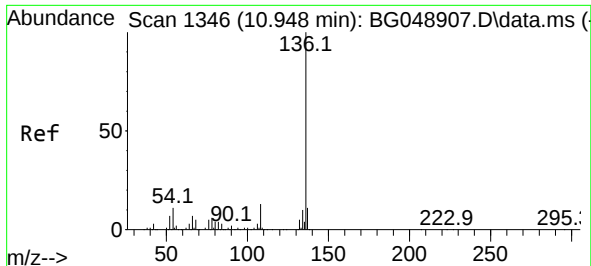
Tgt Ion: 99 Resp: 373402
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 48.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.280 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.356 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Tgt Ion: 70 Resp: 40332
Ion Ratio Lower Upper
70 100
42 54.6 54.5 81.7
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

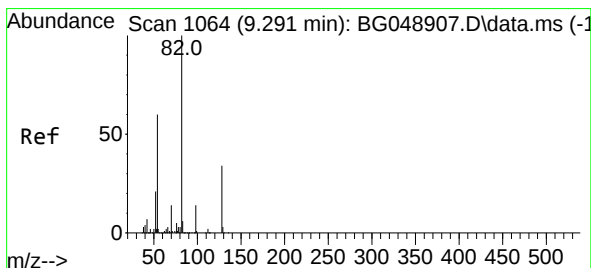
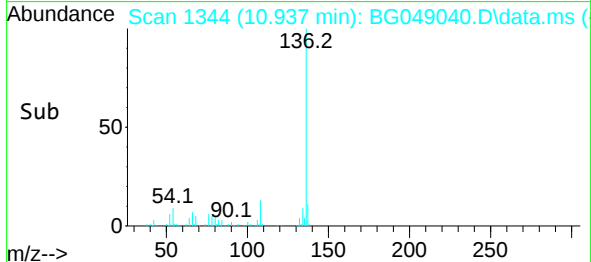
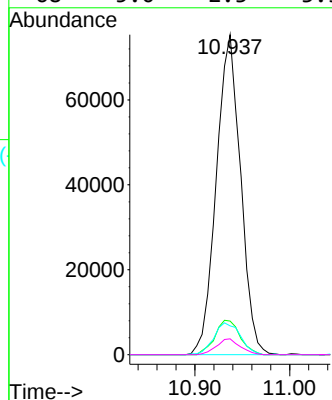
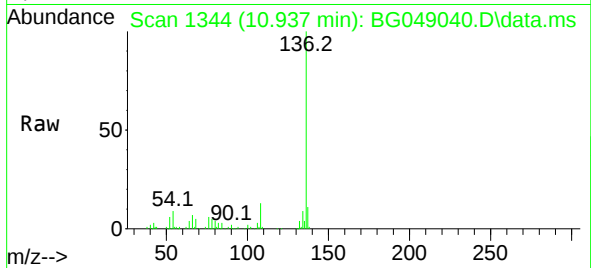




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

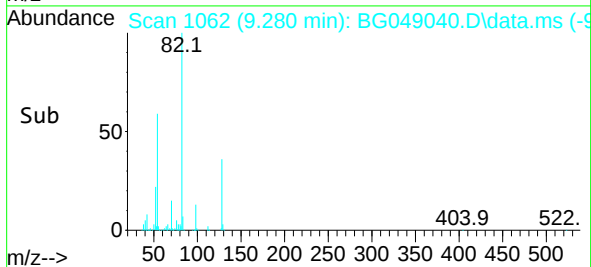
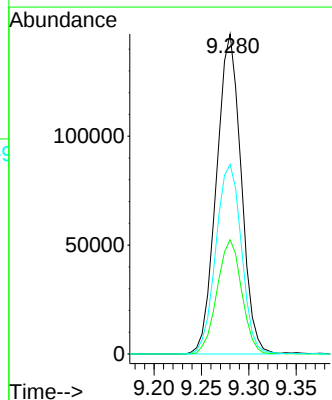
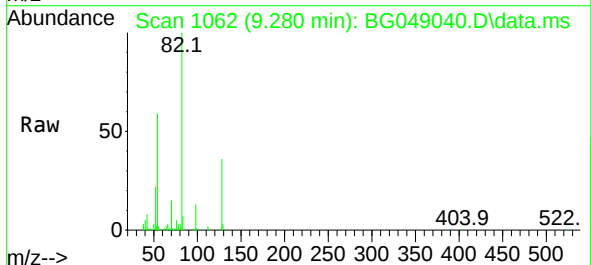
Instrument :
BNA_G
ClientSampleId :
PB137244TB

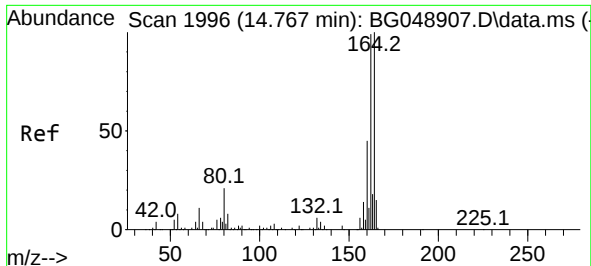
Tgt Ion:136	Resp:	134048
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.2
54	9.0	5.5 8.3#
68	5.0	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 85.612 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Tgt Ion: 82	Resp:	266146
Ion Ratio	Lower	Upper
82	100	
128	35.7	29.8 44.6
54	59.2	45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.756 min Scan# 1994

Delta R.T. -0.003 min

Lab File: BG049040.D

Acq: 22 Jun 2021 10:47

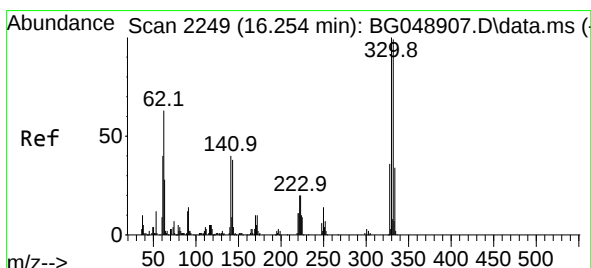
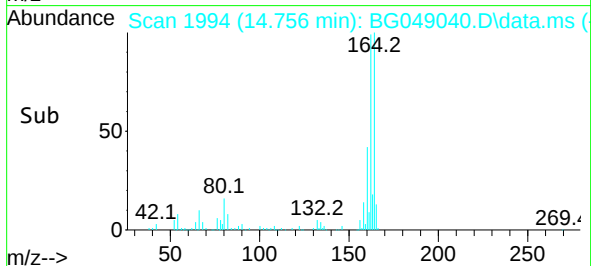
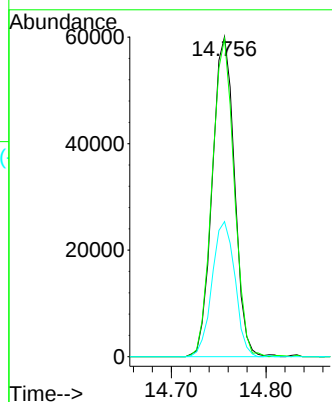
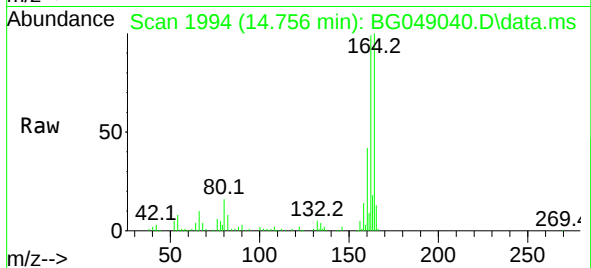
Instrument :

BNA_G

ClientSampleId :

PB137244TB

Tgt Ion:164	Resp:	97341
Ion Ratio	Lower	Upper
164	100	
162	99.5	81.4 122.0
160	42.2	34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 127.702 ng

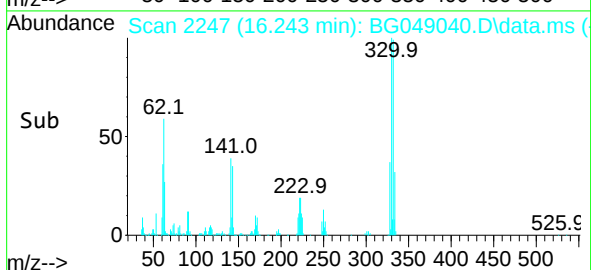
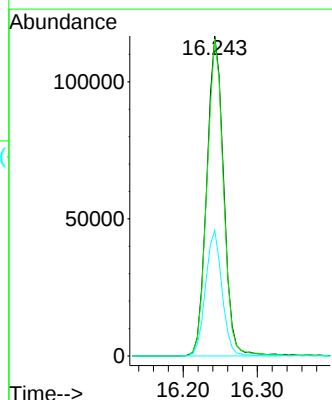
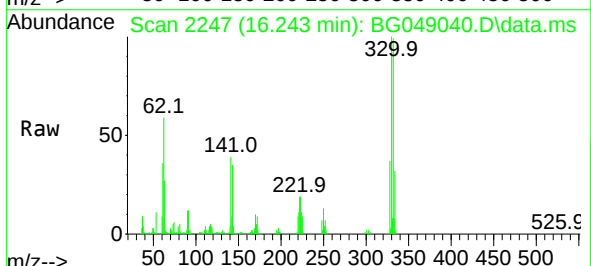
RT: 16.243 min Scan# 2247

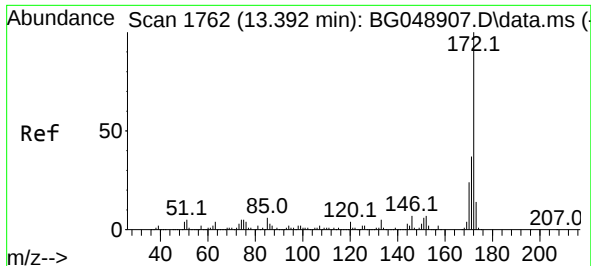
Delta R.T. -0.003 min

Lab File: BG049040.D

Acq: 22 Jun 2021 10:47

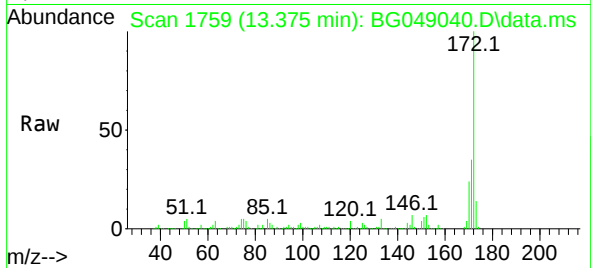
Tgt Ion:330	Resp:	184167
Ion Ratio	Lower	Upper
330	100	
332	97.1	77.3 115.9
141	38.4	35.6 53.4



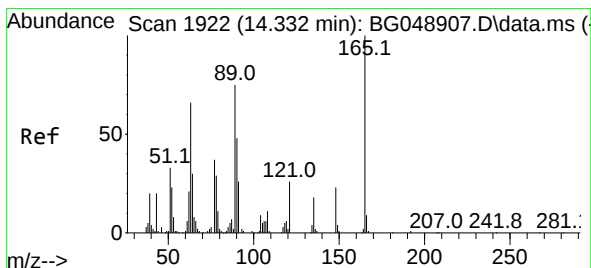
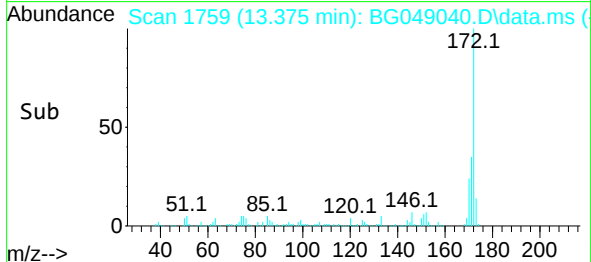
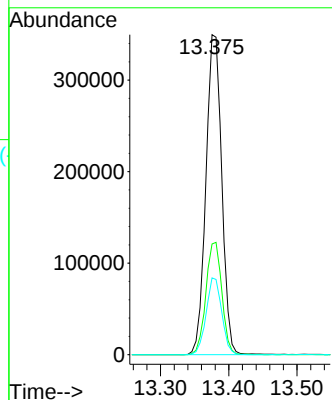


#45
2-Fluorobiphenyl
Concen: 82.051 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Instrument :
BNA_G
ClientSampleId :
PB137244TB

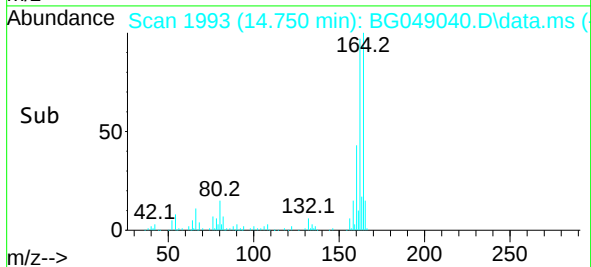
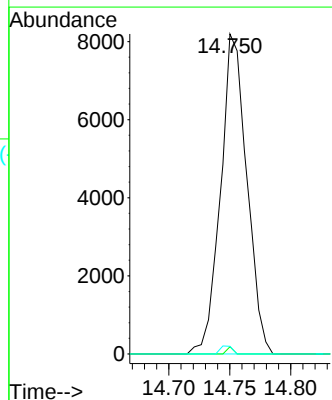
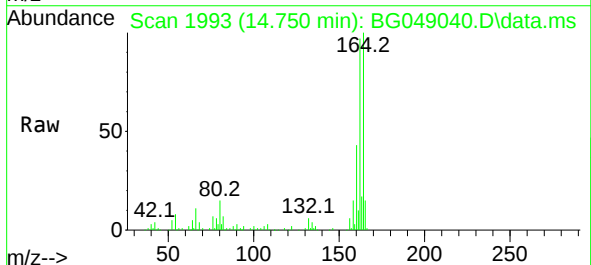


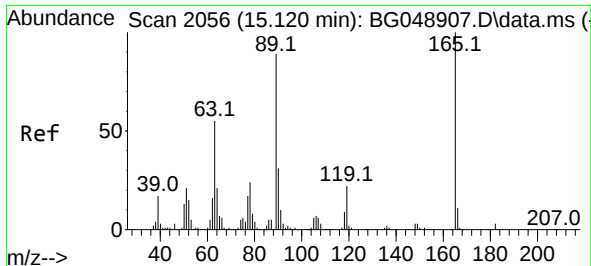
Tgt Ion:172 Resp: 565380
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.934 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

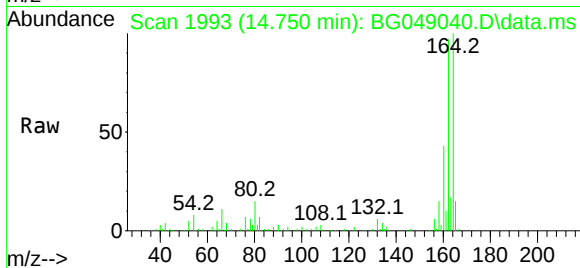
Tgt Ion:165 Resp: 12251
Ion Ratio Lower Upper
165 100
63 2.2 63.3 94.9#
89 2.4 63.4 95.0#



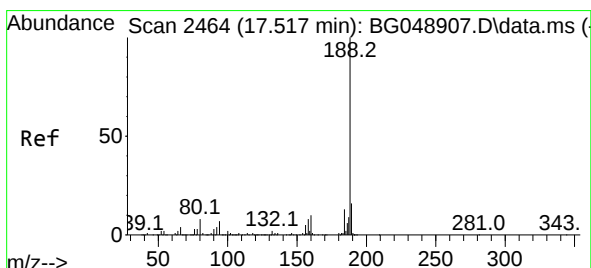
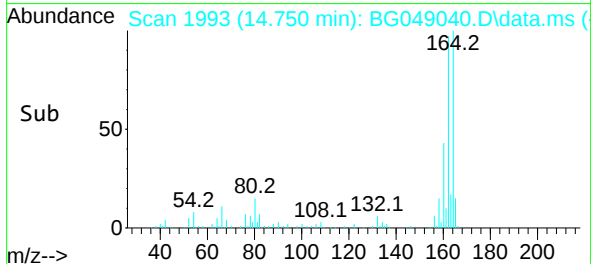
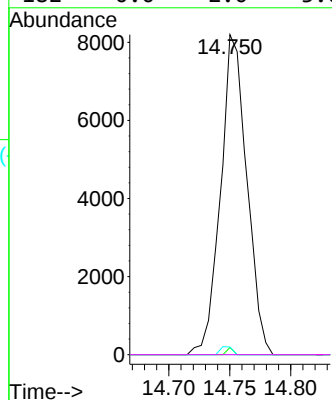


#57
2,4-Dinitrotoluene
Concen: 6.459 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Instrument :
BNA_G
ClientSampled :
PB137244TB

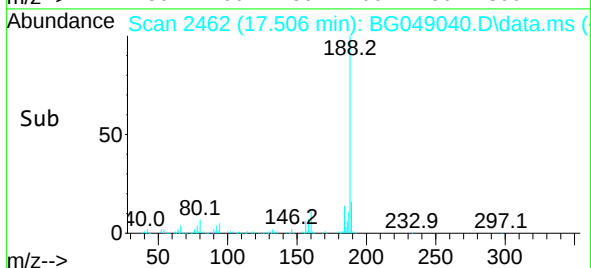
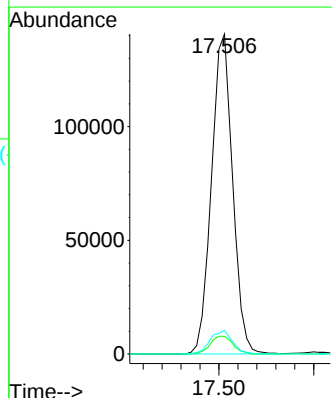
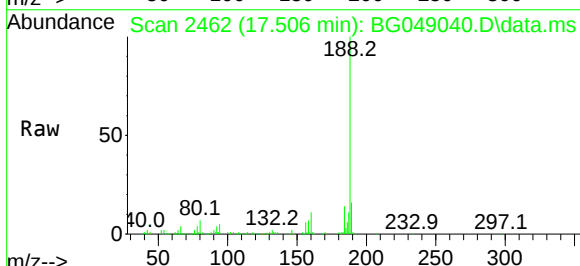


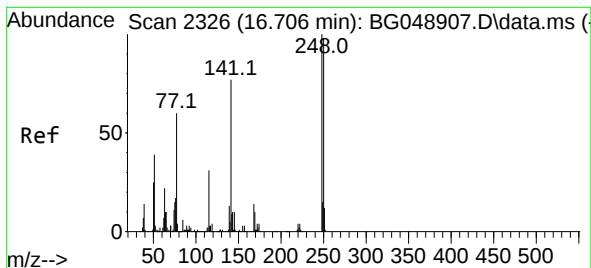
Tgt Ion:165 Resp: 12251
Ion Ratio Lower Upper
165 100
63 2.2 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Tgt Ion:188 Resp: 217591
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.4 3.7 5.5#

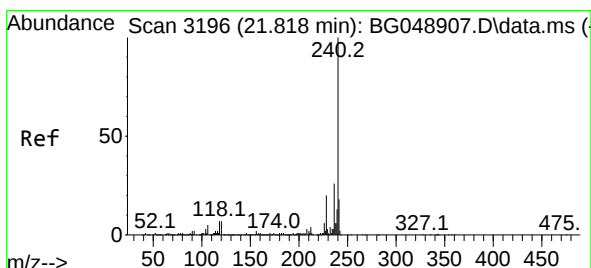
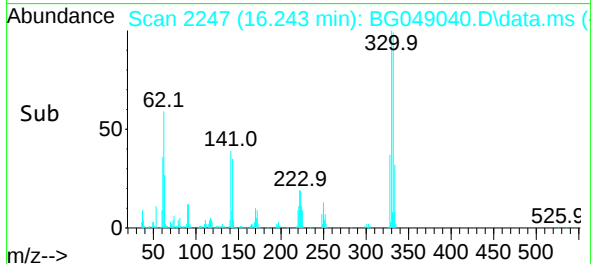
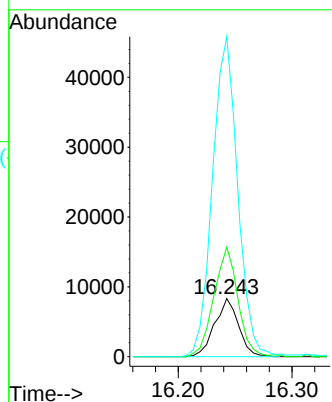
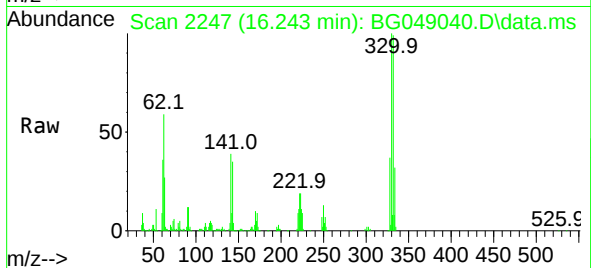




#67
4-Bromophenyl-phenylether
Concen: 4.456 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.449 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

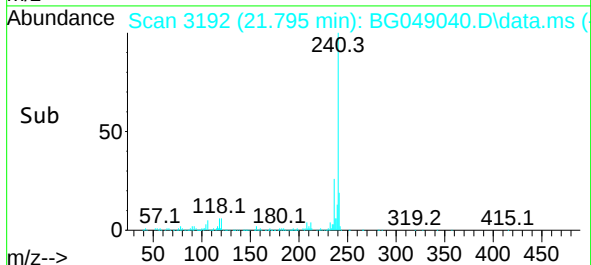
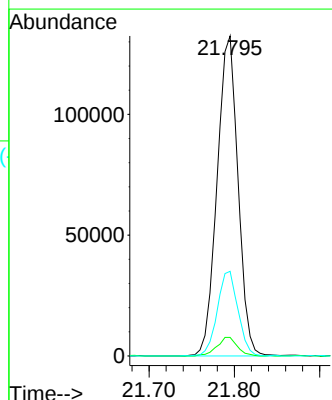
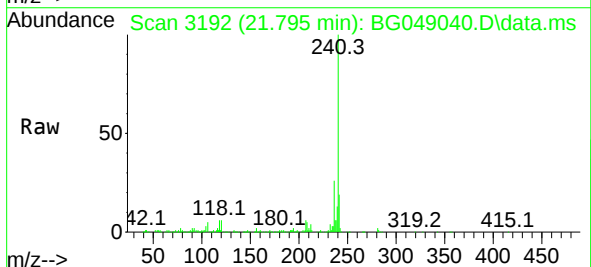
Instrument :
BNA_G
ClientSampleId :
PB137244TB

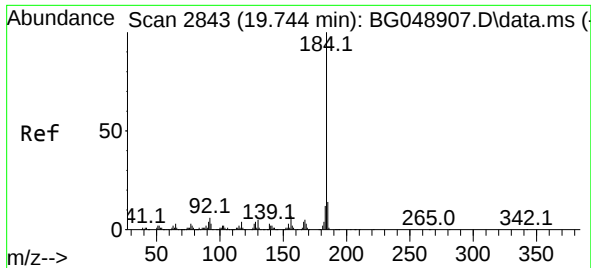
Tgt Ion:248 Resp: 12106
Ion Ratio Lower Upper
248 100
250 189.0 76.1 114.1#
141 551.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Tgt Ion:240 Resp: 225910
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 26.5 21.8 32.6

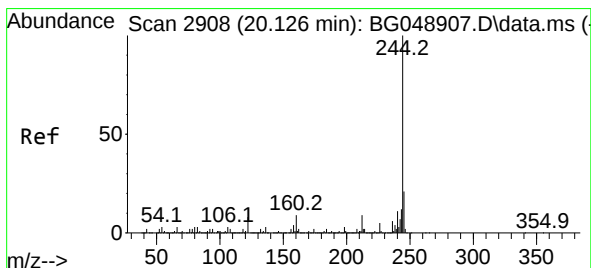
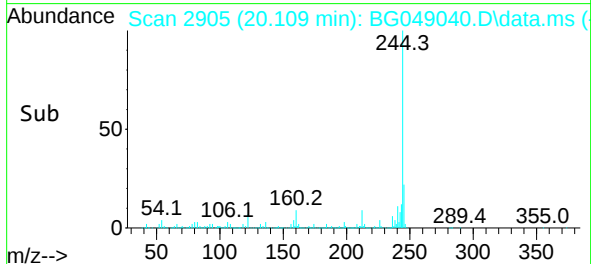
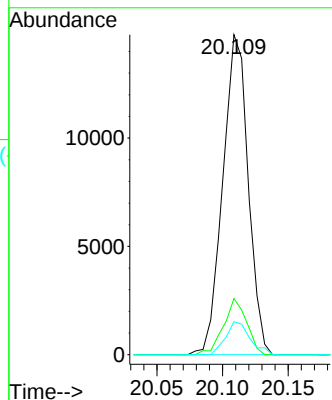
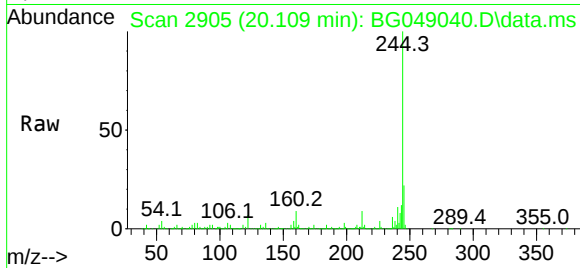




#77
Benzidine
Concen: 4.365 ng
RT: 20.109 min Scan# 2905
Delta R.T. 0.379 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

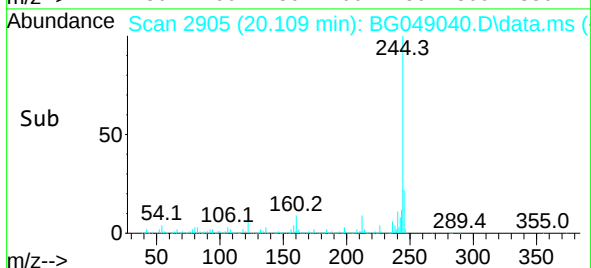
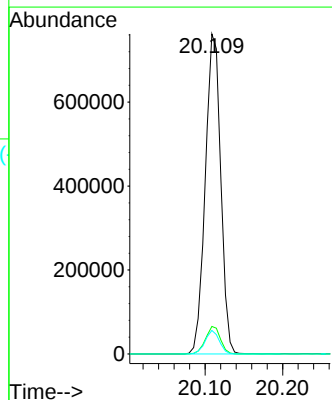
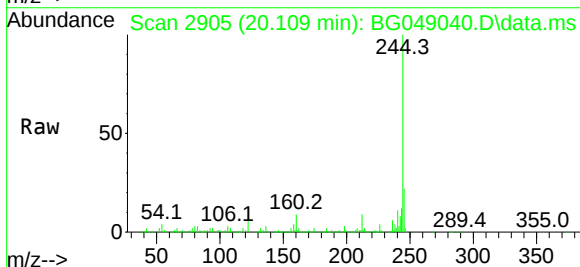
Instrument :
BNA_G
ClientSampleId :
PB137244TB

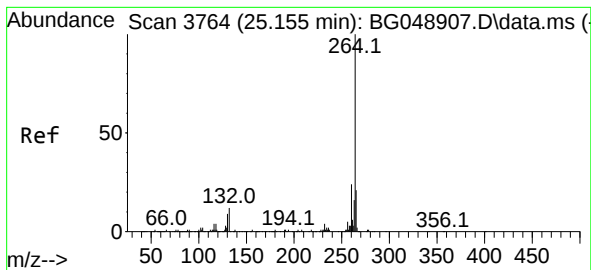
Tgt Ion:184 Resp: 19866
Ion Ratio Lower Upper
184 100
185 17.6 10.7 16.1#
183 10.3 9.4 14.0



#79
Terphenyl-d14
Concen: 85.343 ng
RT: 20.109 min Scan# 2905
Delta R.T. -0.003 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Tgt Ion:244 Resp: 1052725
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 7.4 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.120 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BG049040.D
Acq: 22 Jun 2021 10:47

Instrument :
BNA_G
ClientSampleId :
PB137244TB

Tgt Ion:264 Resp: 227838

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.4	29.2
265	20.5	16.9	25.3

