

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056293.D
 Acq On : 16 Jan 2023 12:26
 Operator : CG/JU
 Sample : PB150235BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150235BL

Quant Time: Jan 17 05:23:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

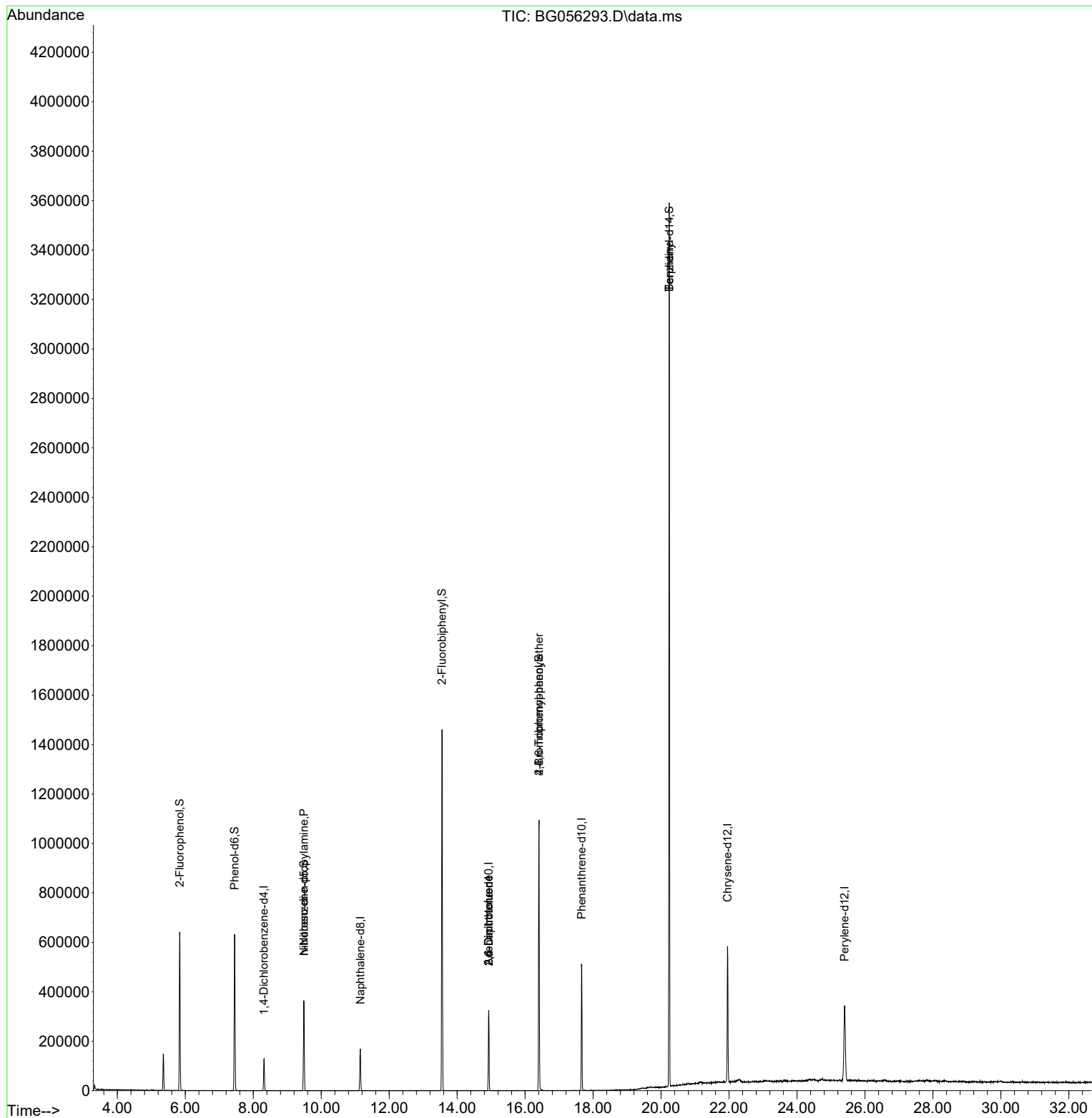
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	42830	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	158804	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	129280	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	360419	20.000	ng	0.00
76) Chrysene-d12	21.955	240	357100	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	377707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	357329	148.963	ng	0.00
7) Phenol-d6	7.448	99	494585	134.258	ng	0.00
23) Nitrobenzene-d5	9.487	82	263651	84.923	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	229202	139.987	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	840882	89.818	ng	0.00
79) Terphenyl-d14	20.239	244	1863333	93.456	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.487	70	32007	14.288	ng	# 71
51) 2,6-Dinitrotoluene	14.928	165	16427	7.387	ng	# 31
57) 2,4-Dinitrotoluene	14.928	165	16427	5.282	ng	# 28
67) 4-Bromophenyl-phenylether	16.408	248	19002	4.140	ng	# 1
77) Benzidine	20.239	184	26141	2.089	ng	# 93

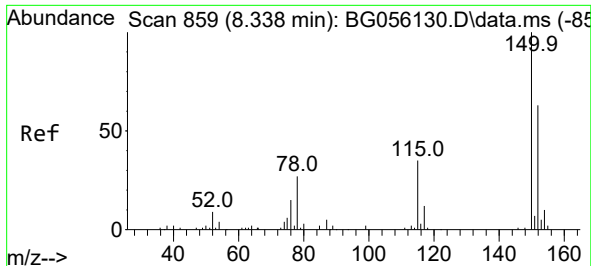
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
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BNA_G
ClientSampleId :
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Quant Time: Jan 17 05:23:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

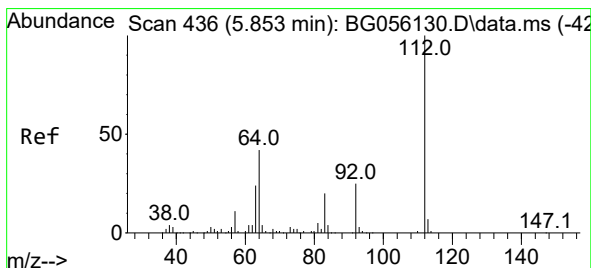
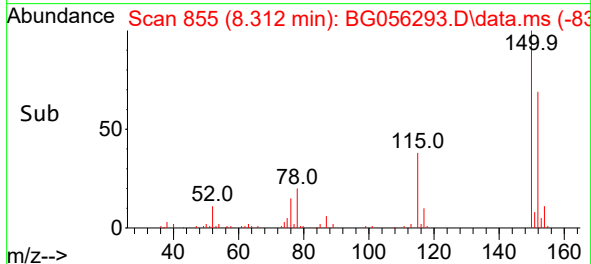
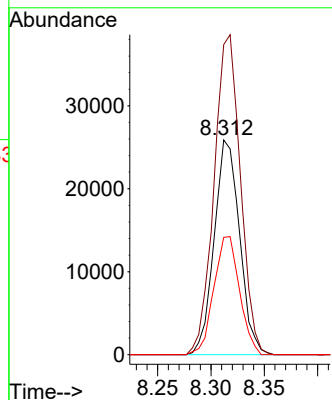
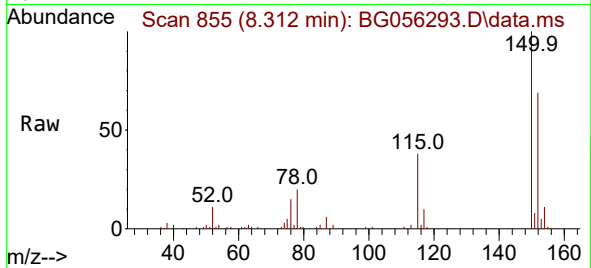




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.312 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

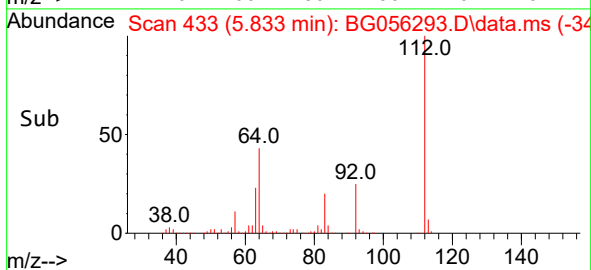
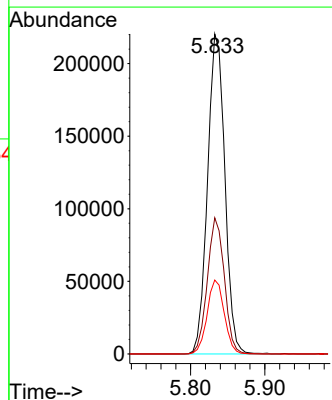
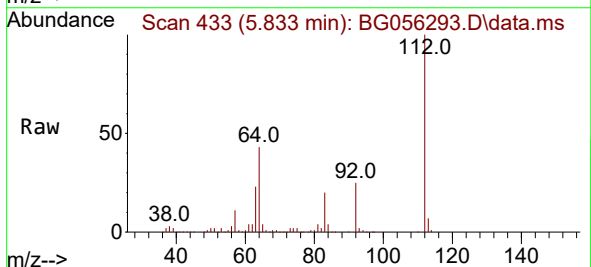
Instrument :
BNA_G
ClientSampleId :
PB150235BL

Tgt Ion:152 Resp: 42830
Ion Ratio Lower Upper
152 100
150 144.5 127.9 191.9
115 54.6 44.2 66.2



#5
2-Fluorophenol
Concen: 148.963 ng
RT: 5.833 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion:112 Resp: 357329
Ion Ratio Lower Upper
112 100
64 42.5 33.3 49.9
63 23.1 19.0 28.4

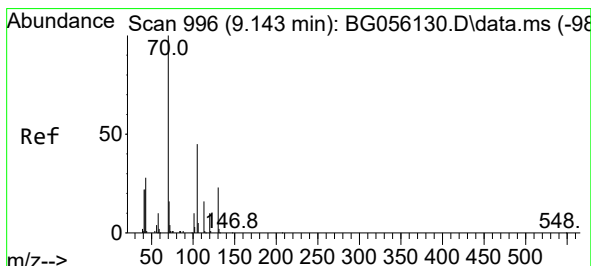
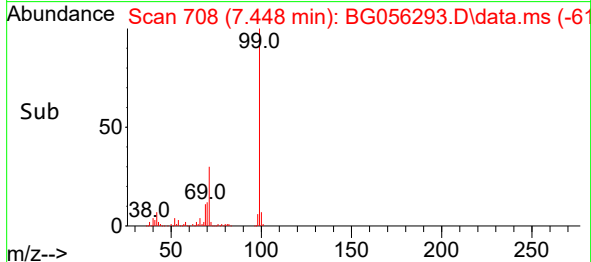
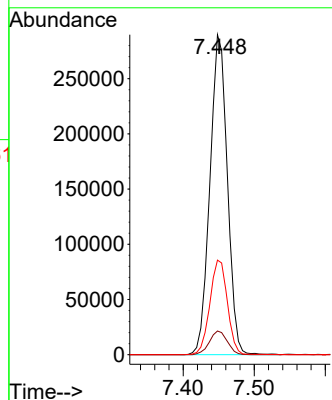
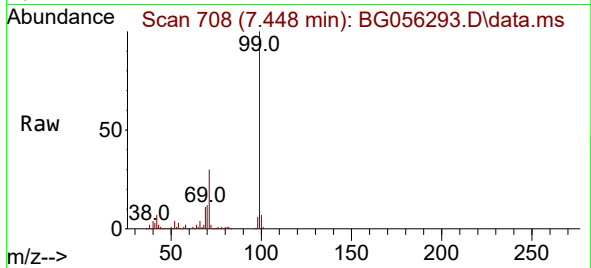




#7
Phenol-d6
Concen: 134.258 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

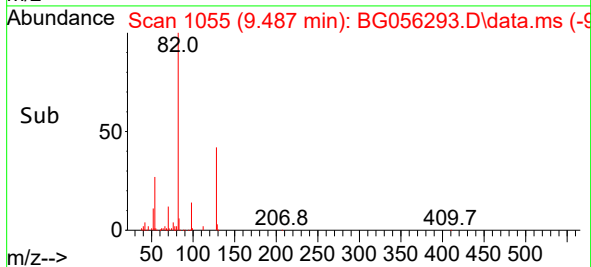
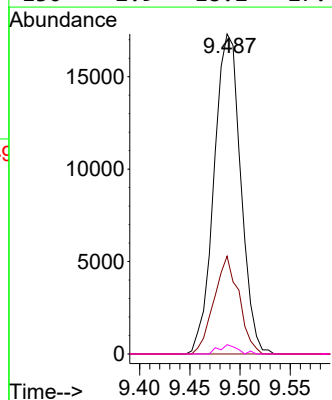
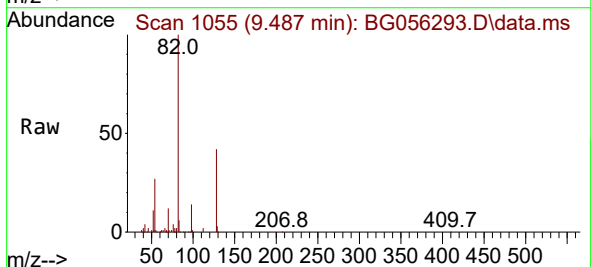
Instrument :
BNA_G
ClientSampleId :
PB150235BL

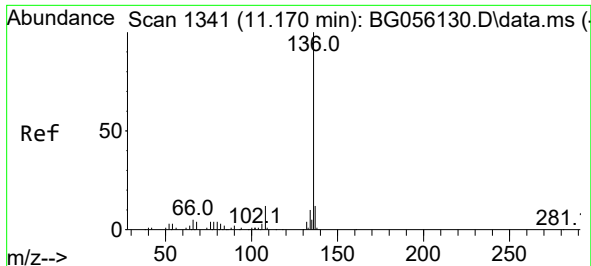
Tgt Ion: 99 Resp: 494585
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 29.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.288 ng
RT: 9.487 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion: 70 Resp: 32007
Ion Ratio Lower Upper
70 100
42 30.6 18.2 27.2#
101 0.0 8.3 12.5#
130 2.9 18.2 27.4#

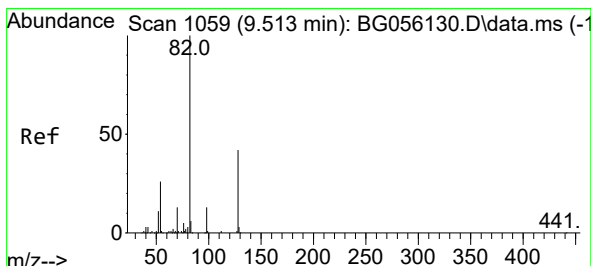
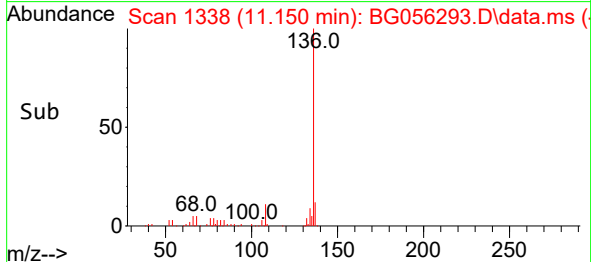
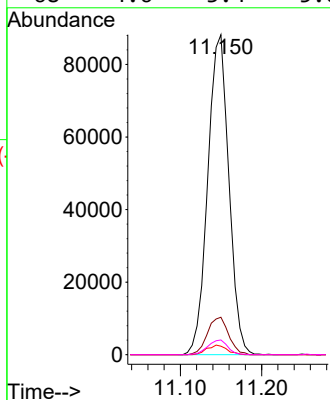
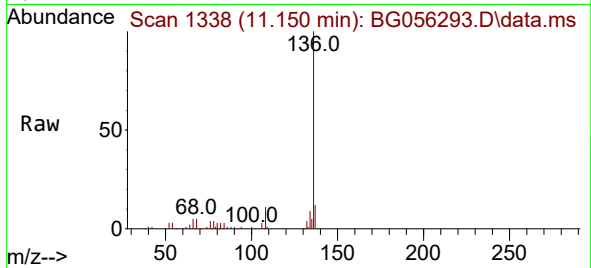




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

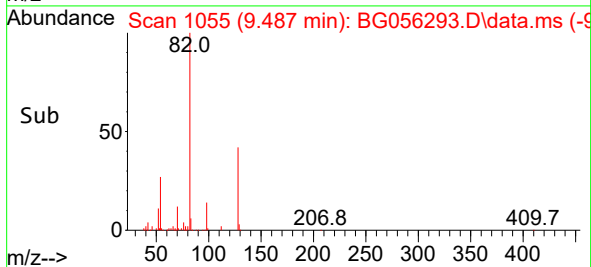
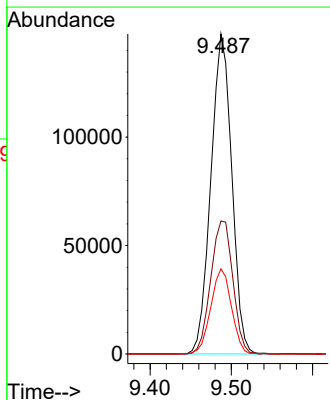
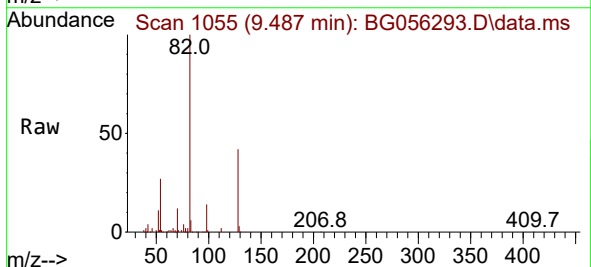
Instrument :
BNA_G
ClientSampleId :
PB150235BL

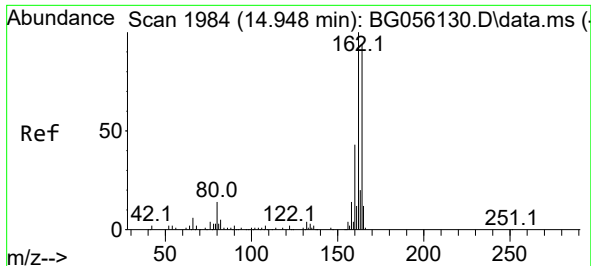
Tgt Ion:	136	Resp:	158804
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	2.7	2.2	3.2
68	4.6	3.4	5.0



#23
Nitrobenzene-d5
Concen: 84.923 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion:	82	Resp:	263651
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.2
54	26.6	20.3	30.5

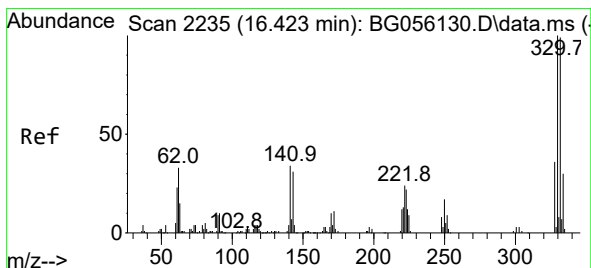
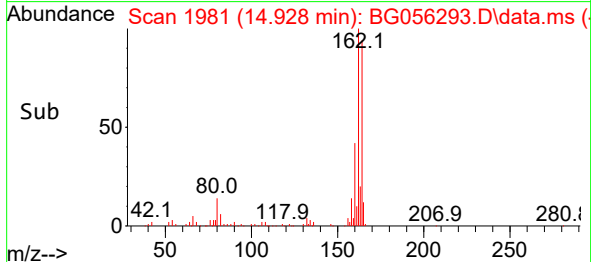
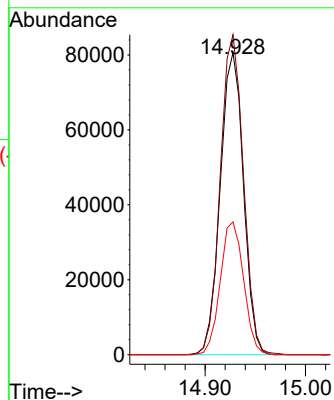
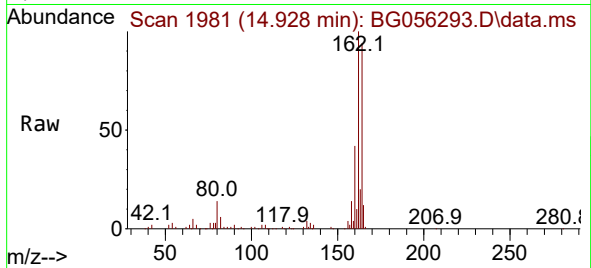




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

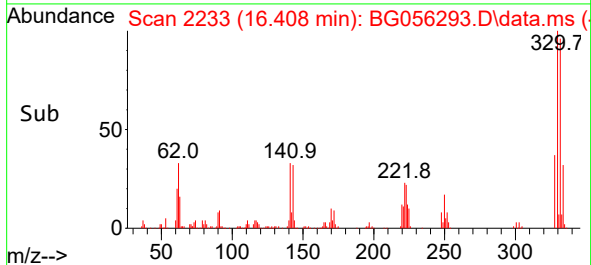
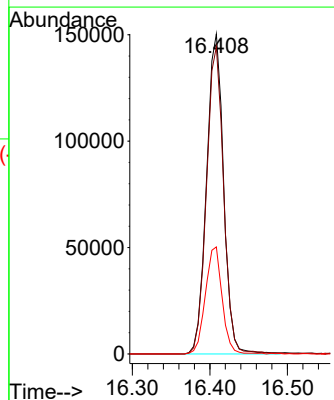
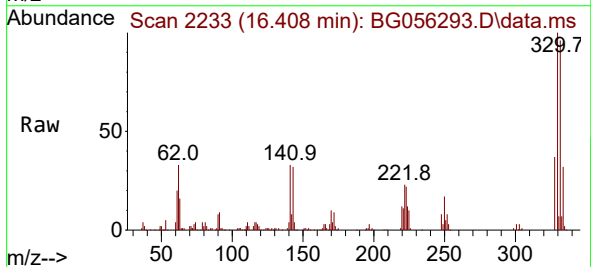
Instrument :
BNA_G
ClientSampleId :
PB150235BL

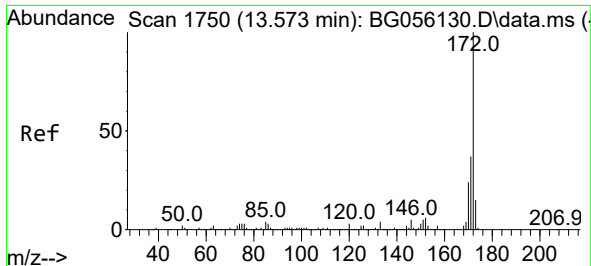
Tgt Ion:164 Resp: 129280
Ion Ratio Lower Upper
164 100
162 105.9 84.7 127.1
160 44.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 139.987 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion:330 Resp: 229202
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 32.9 27.9 41.9

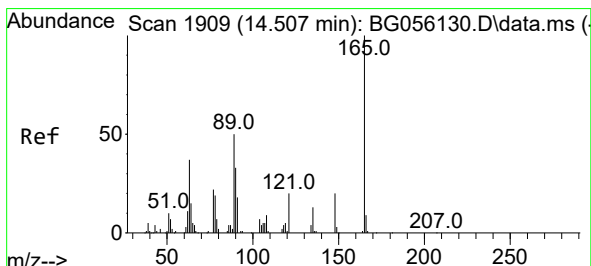
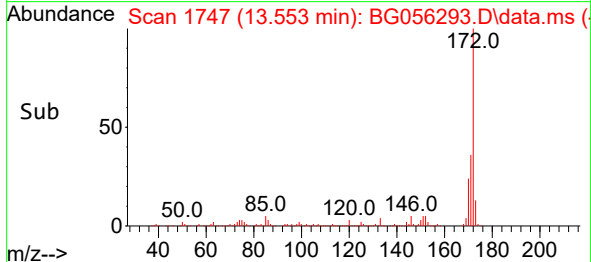
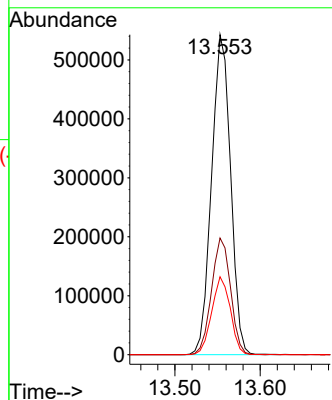
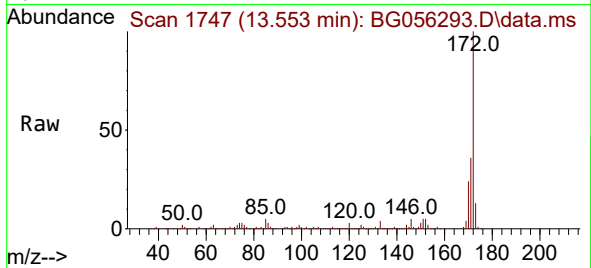




#45
2-Fluorobiphenyl
Concen: 89.818 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

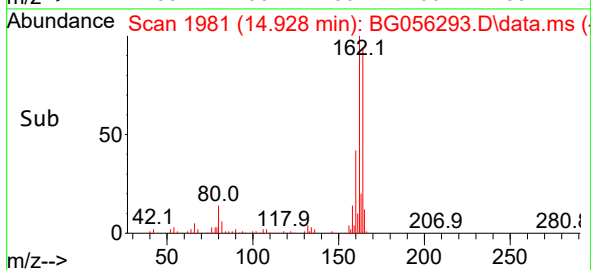
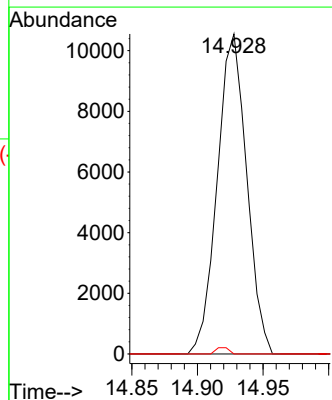
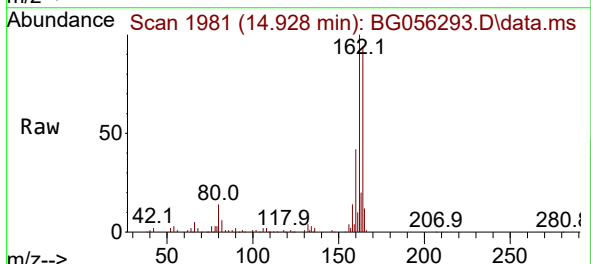
Instrument :
BNA_G
ClientSampleId :
PB150235BL

Tgt Ion:172 Resp: 840882
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.387 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.436 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion:165 Resp: 16427
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.282 ng

RT: 14.928 min Scan# 14

Delta R.T. -0.346 min

Lab File: BG056293.D

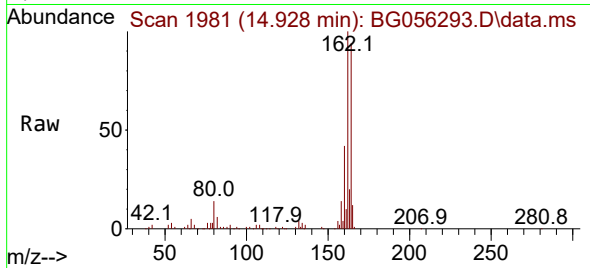
Acq: 16 Jan 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB150235BL



Tgt Ion:165 Resp: 16427

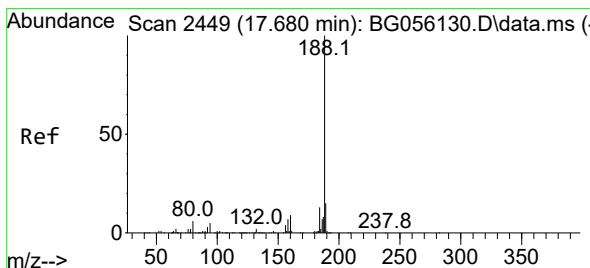
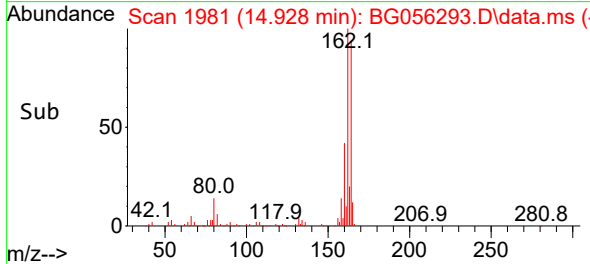
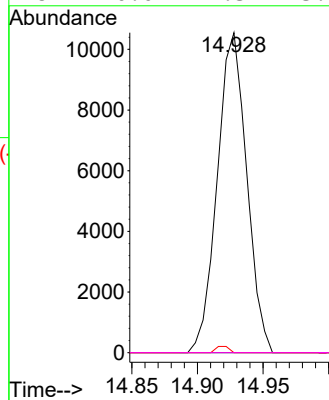
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.660 min Scan# 2446

Delta R.T. -0.005 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

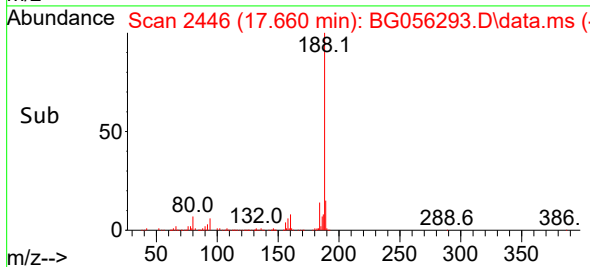
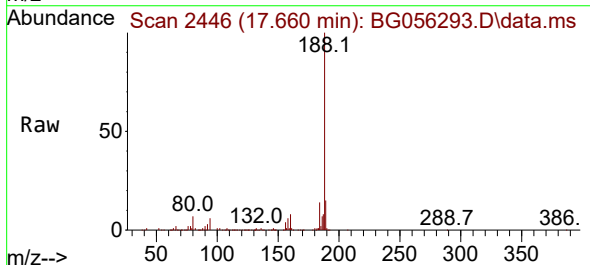
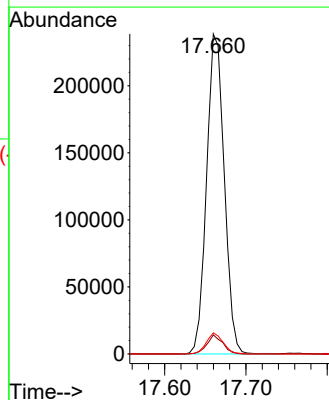
Tgt Ion:188 Resp: 360419

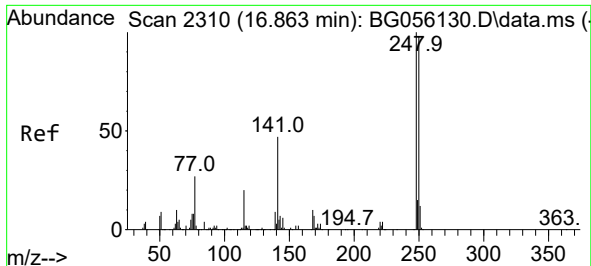
Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.2

80 6.6 5.0 7.4

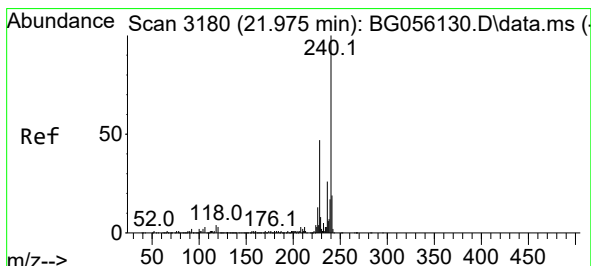
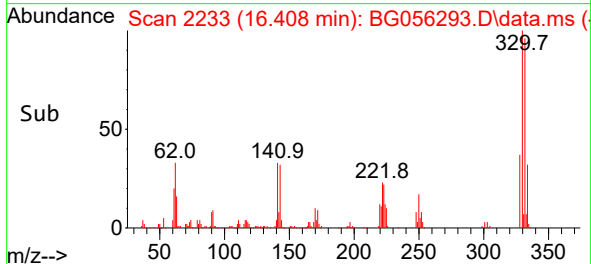
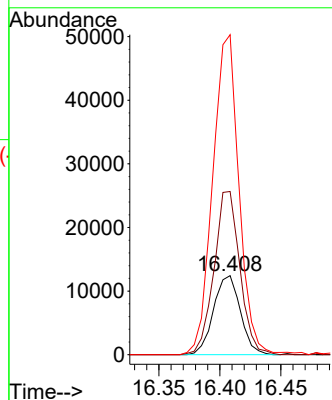
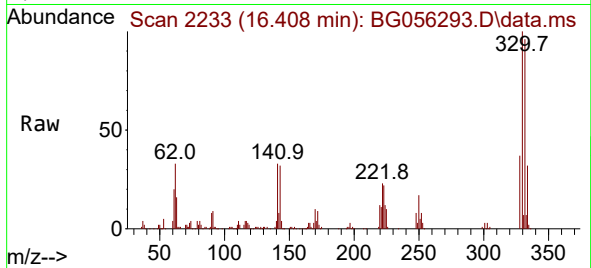




#67
4-Bromophenyl-phenylether
Concen: 4.140 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

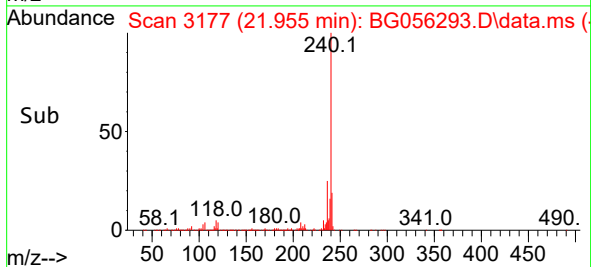
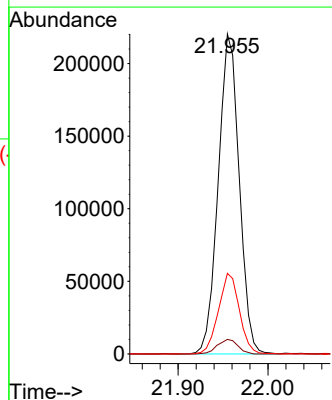
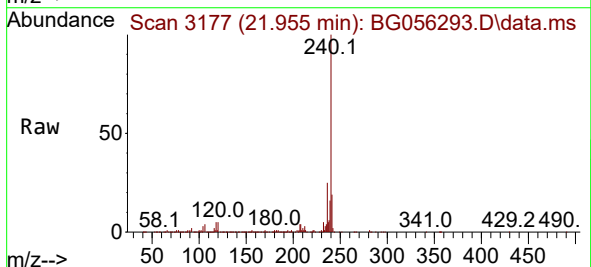
Instrument :
BNA_G
ClientSampleId :
PB150235BL

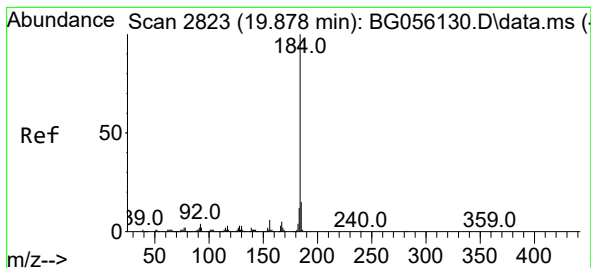
Tgt Ion:248 Resp: 19002
Ion Ratio Lower Upper
248 100
250 206.6 78.2 117.4#
141 405.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion:240 Resp: 357100
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.2 20.8 31.2





#77

Benzidine

Concen: 2.089 ng

RT: 20.239 min Scan# 2885

Delta R.T. 0.377 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB150235BL

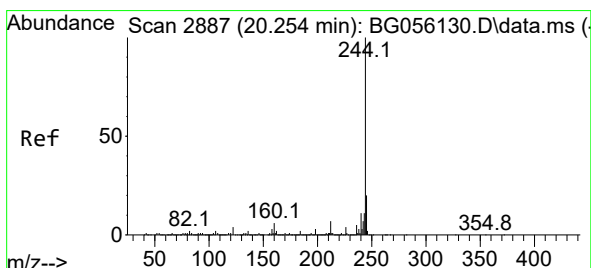
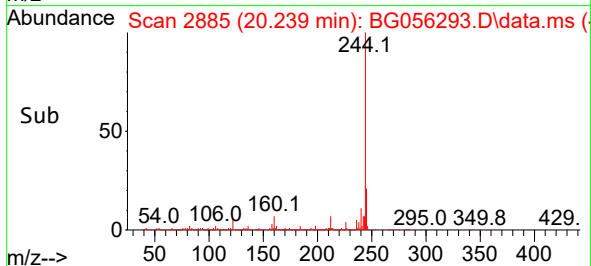
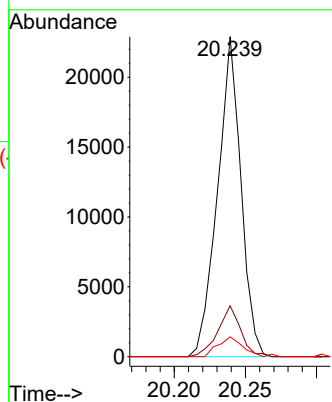
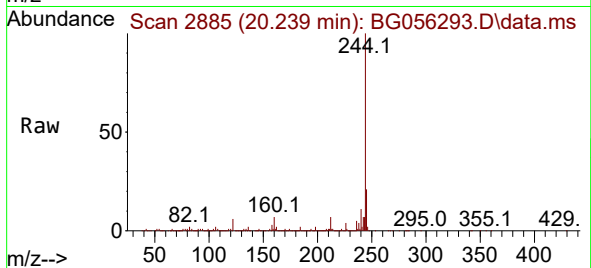
Tgt Ion:184 Resp: 26141

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

183 6.2 9.4 14.0#



#79

Terphenyl-d14

Concen: 93.456 ng

RT: 20.239 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

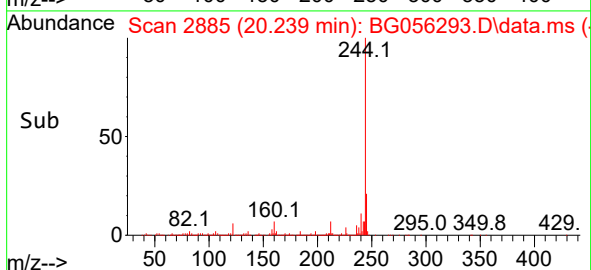
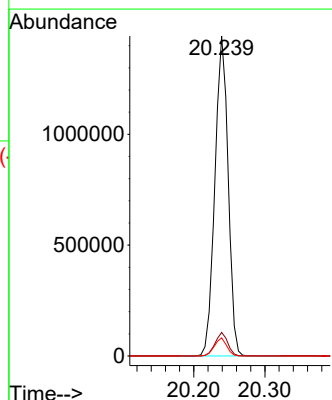
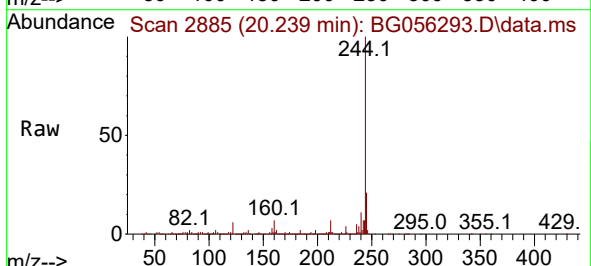
Tgt Ion:244 Resp: 1863333

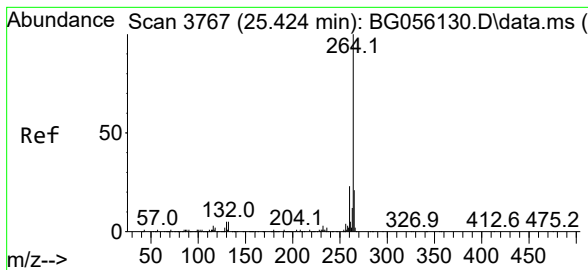
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 5.7 3.5 5.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.398 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG056293.D
 Acq: 16 Jan 2023 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB150235BL

Tgt Ion:264 Resp: 377707
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 23.0 16.7 25.1

