

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050481.D
 Acq On : 7 Oct 2021 13:21
 Operator : CG/JU
 Sample : M4077-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-36

Quant Time: Oct 07 14:09:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

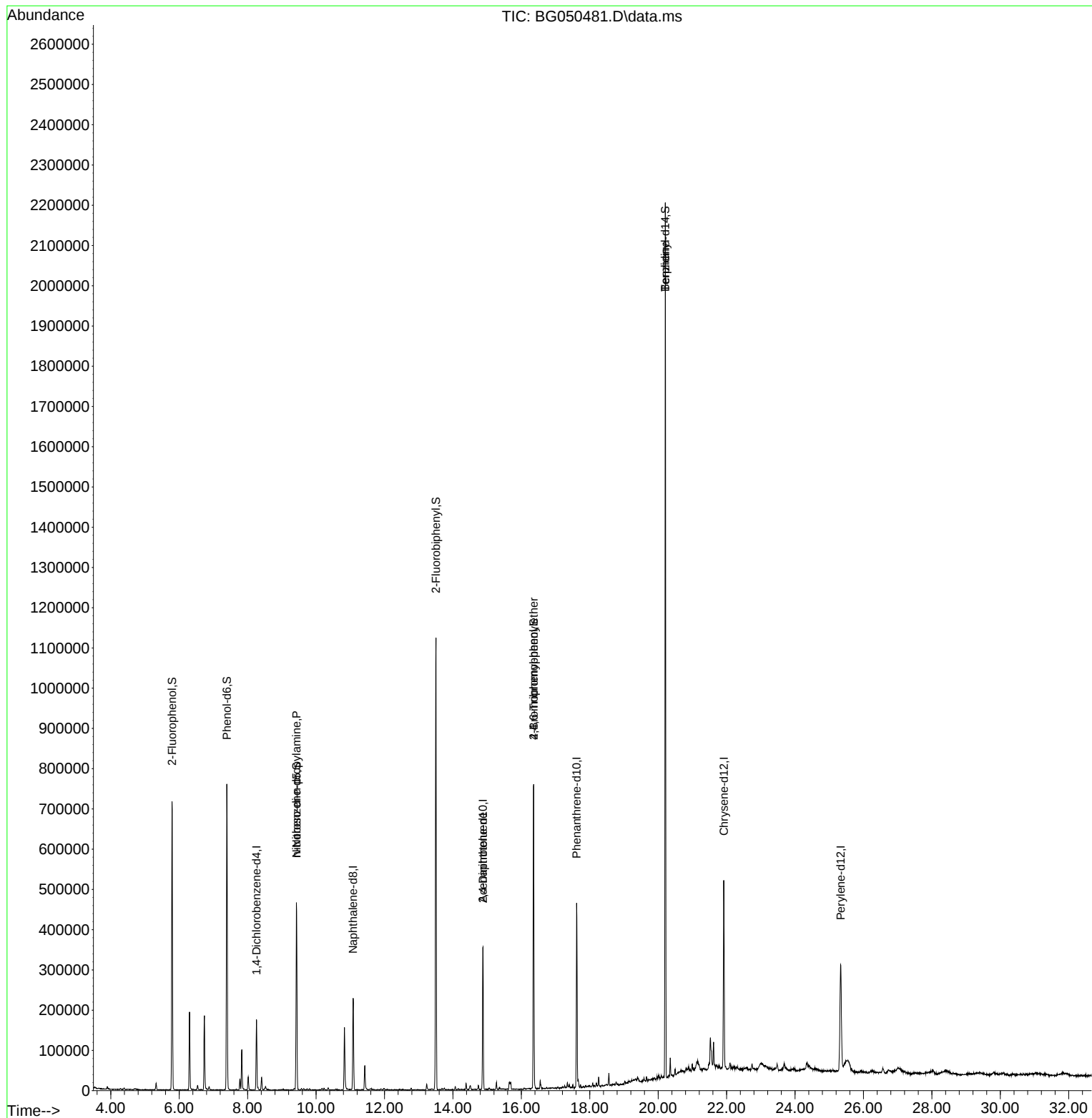
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	45936	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	186911	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	123271	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	278365	20.000	ng	# 0.00
76) Chrysene-d12	21.918	240	271991	20.000	ng	# 0.00
86) Perylene-d12	25.332	264	273396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	296364	96.487	ng	0.00
7) Phenol-d6	7.394	99	413735	93.036	ng	0.00
23) Nitrobenzene-d5	9.427	82	302199	66.929	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	109977	93.535	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	552568	67.464	ng	0.00
79) Terphenyl-d14	20.209	244	931614	66.750	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.388	77	1028	Below Cal	#	23
19) n-Nitroso-di-n-propyla...	9.427	70	41581	12.828	ng	# 67
57) 2,4-Dinitrotoluene	14.874	165	16114	6.126	ng	# 16
67) 4-Bromophenyl-phenylether	16.360	248	8799	3.137	ng	# 1
77) Benzidine	20.209	184	18486	2.097	ng	# 93

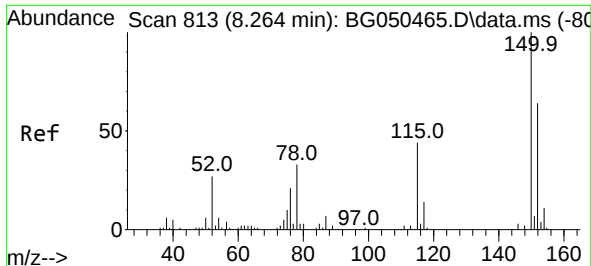
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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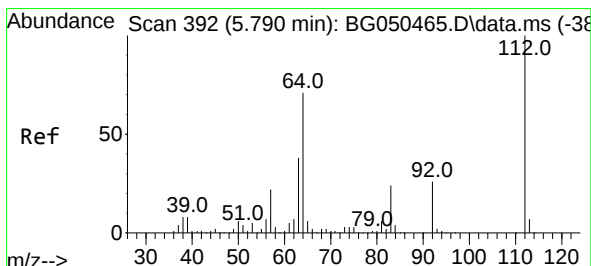
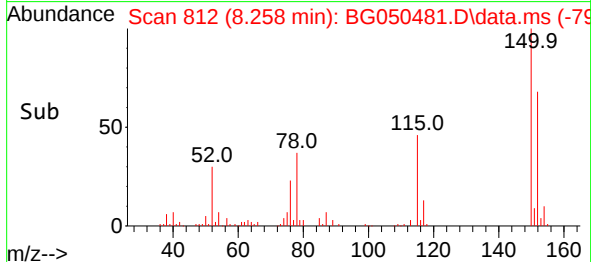
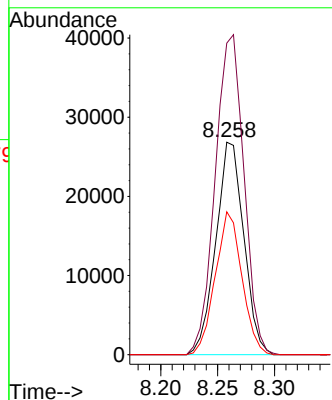
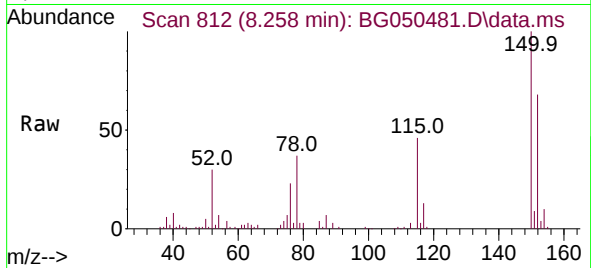




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

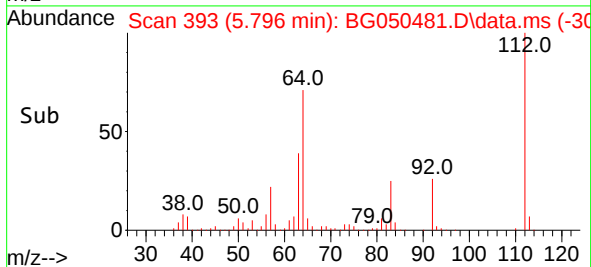
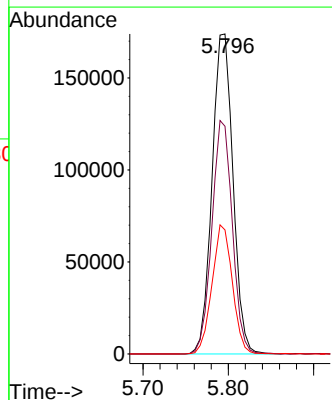
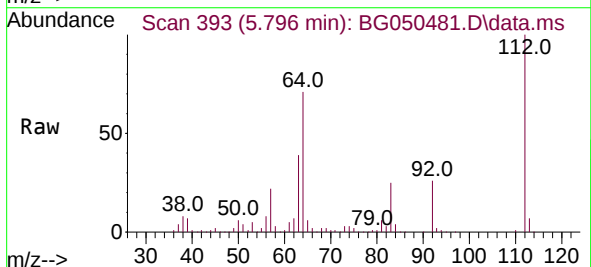
Instrument :
BNA_G
ClientSampled :
CC-36

Tgt Ion:152 Resp: 45936
Ion Ratio Lower Upper
152 100
150 146.6 119.4 179.0
115 67.3 60.2 90.4



#5
2-Fluorophenol
Concen: 96.487 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:112 Resp: 296364
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 38.7 35.3 52.9

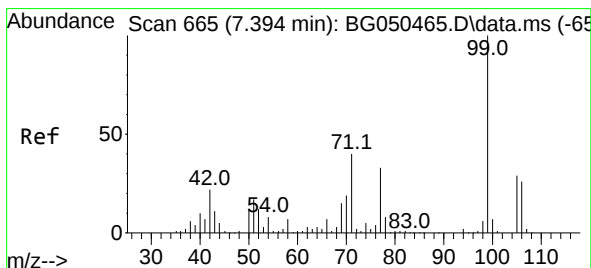
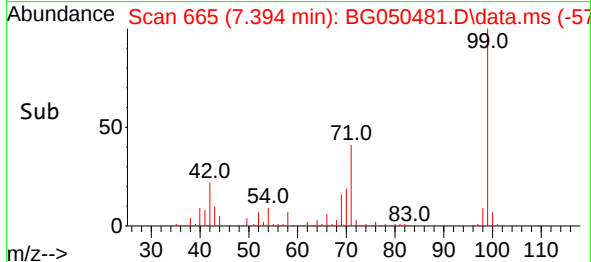
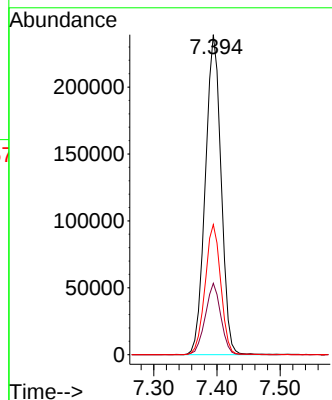
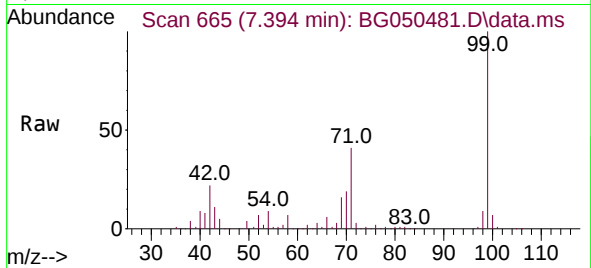




#7
Phenol-d6
Concen: 93.036 ng
RT: 7.394 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

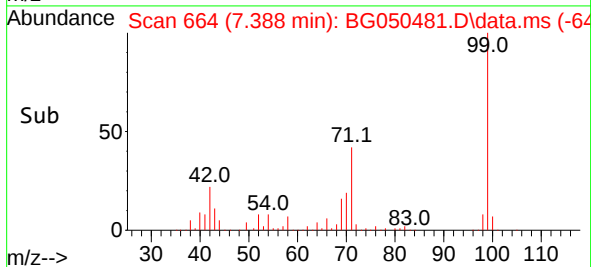
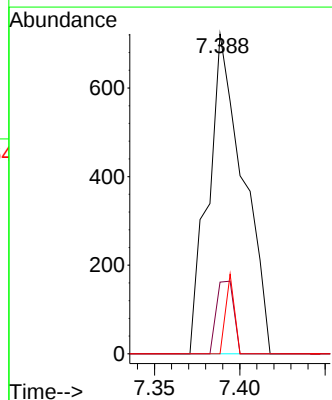
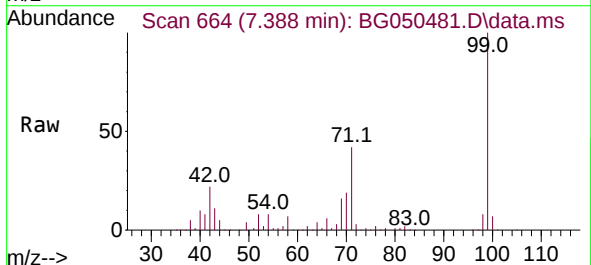
Instrument :
BNA_G
ClientSampled :
CC-36

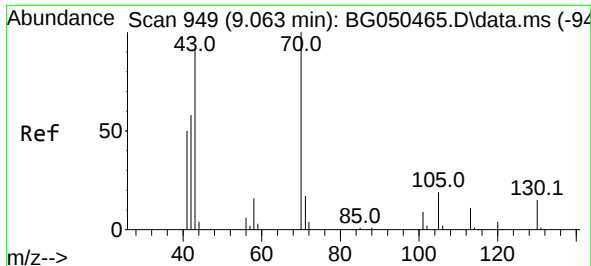
Tgt Ion: 99 Resp: 413735
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.388 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion: 77 Resp: 1028
Ion Ratio Lower Upper
77 100
105 22.4 68.8 108.8#
106 0.0 47.9 87.9#

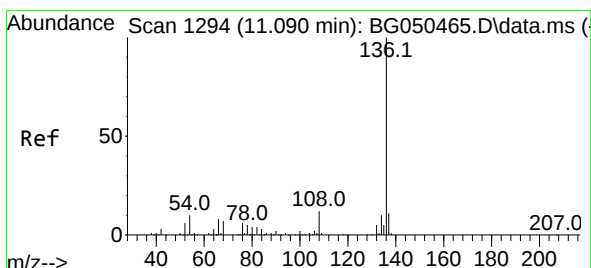
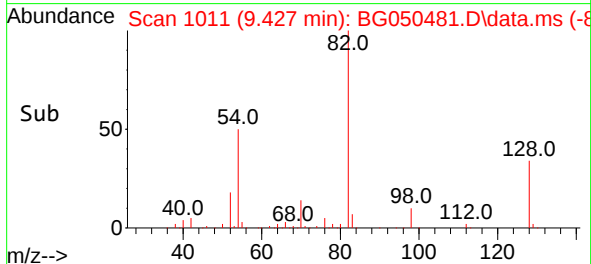
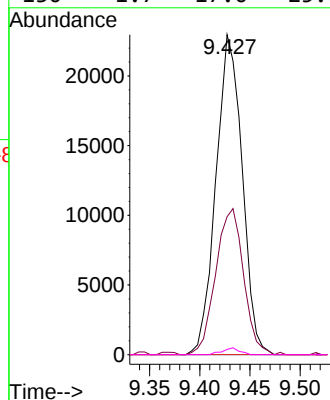
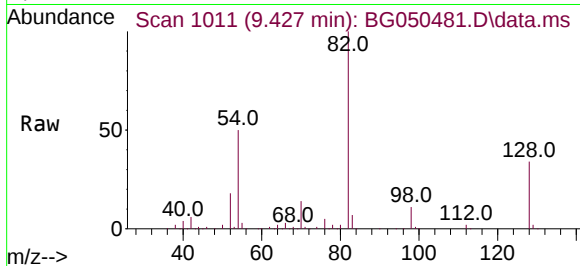




#19
n-Nitroso-di-n-propylamine
Concen: 12.828 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

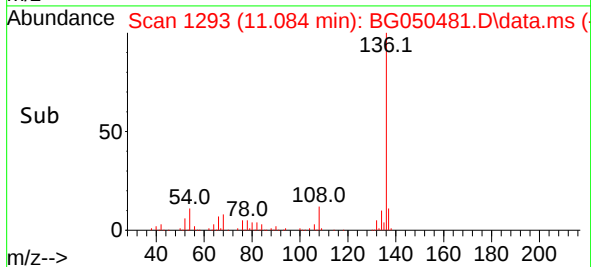
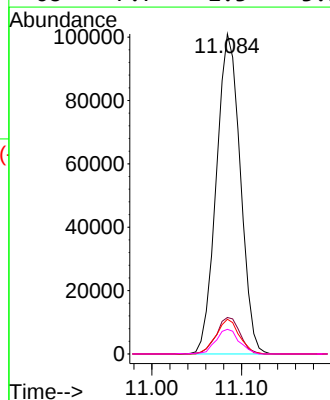
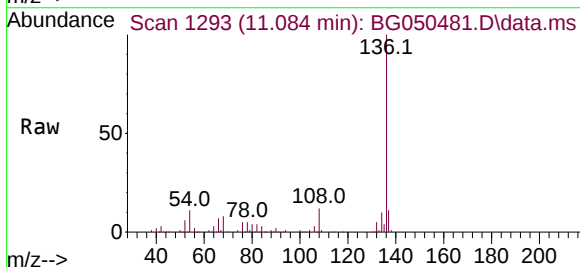
Instrument :
BNA_G
ClientSampled :
CC-36

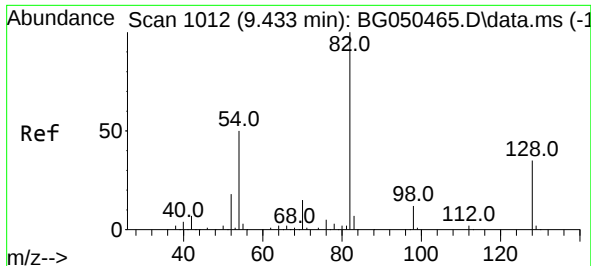
Tgt Ion: 70 Resp: 41581
Ion Ratio Lower Upper
70 100
42 43.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion: 136 Resp: 186911
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 10.8 5.5 8.3#
68 7.7 2.3 3.5#

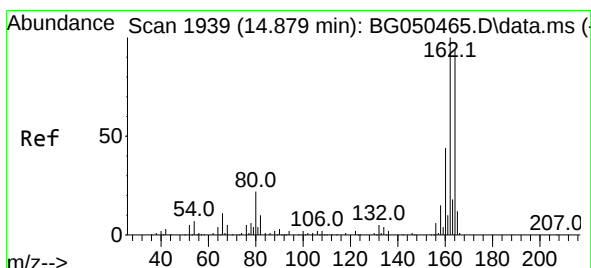
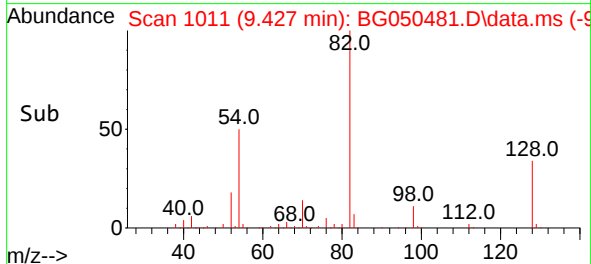
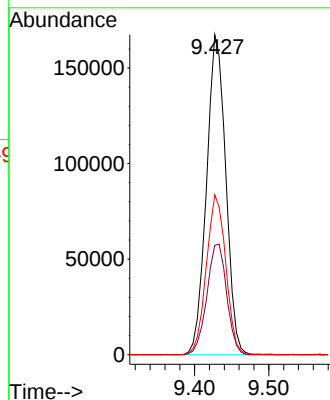
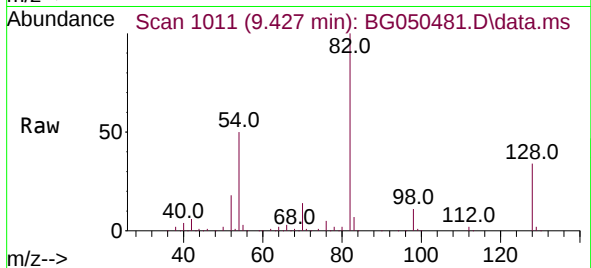




#23
Nitrobenzene-d5
Concen: 66.929 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

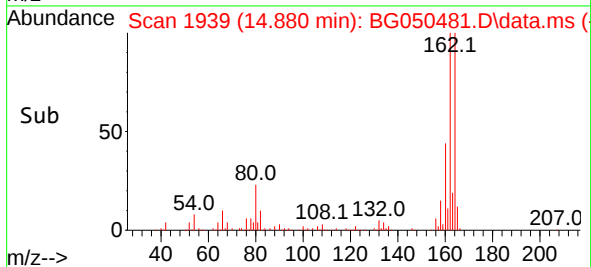
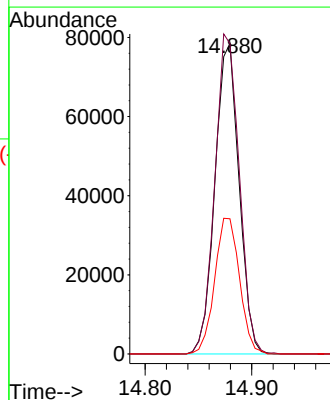
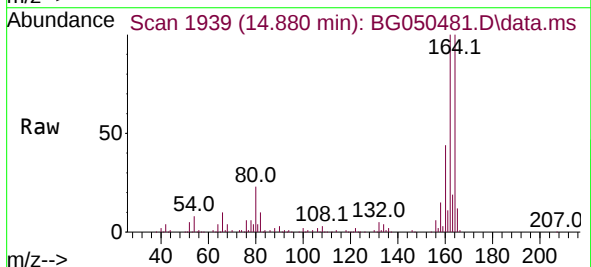
Instrument :
BNA_G
ClientSampled :
CC-36

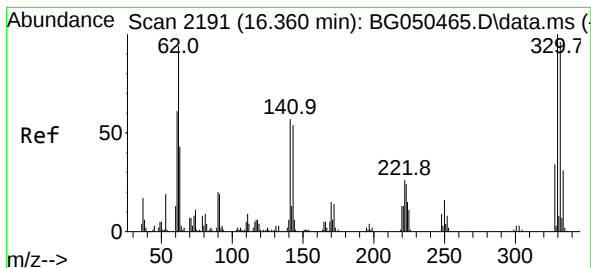
Tgt Ion: 82 Resp: 302199
Ion Ratio Lower Upper
82 100
128 34.1 29.8 44.6
54 50.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:164 Resp: 123271
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 43.5 34.9 52.3

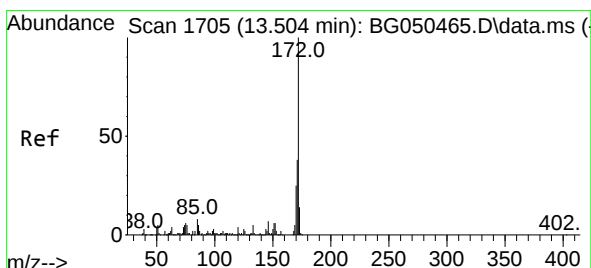
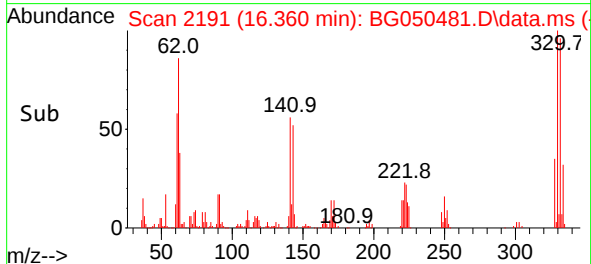
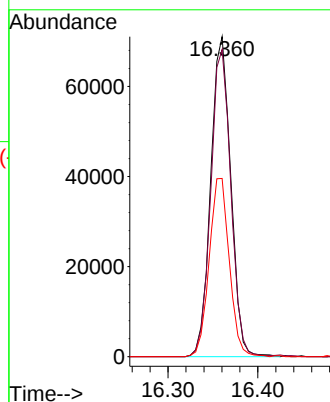
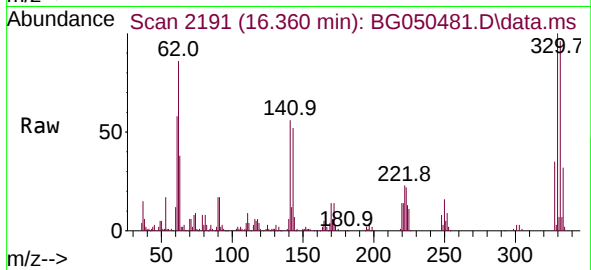




#42
2,4,6-Tribromophenol
Concen: 93.535 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

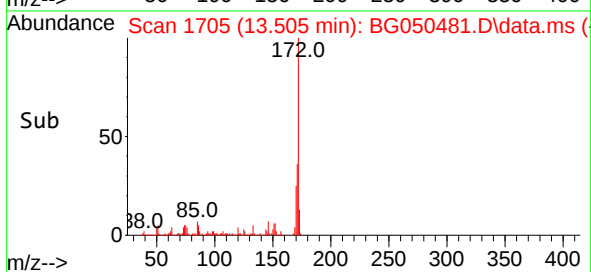
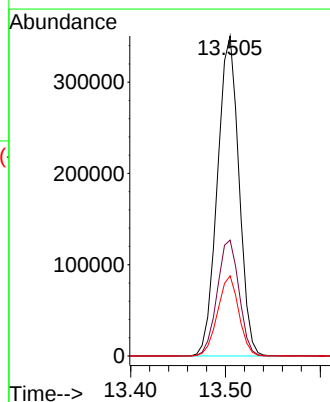
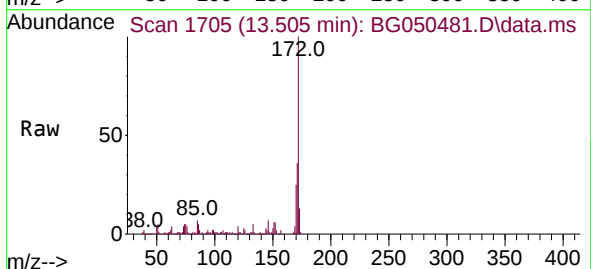
Instrument :
BNA_G
ClientSampleId :
CC-36

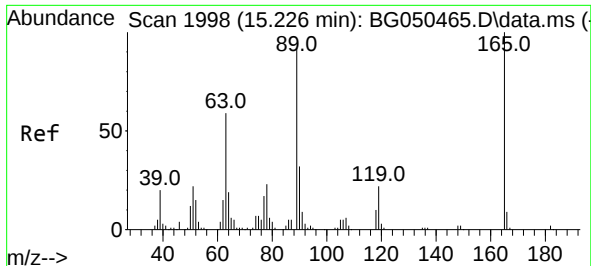
Tgt Ion:330 Resp: 109977
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 56.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 67.464 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

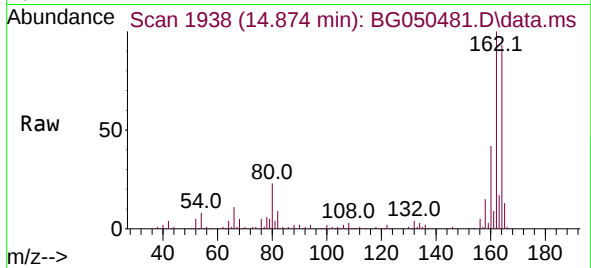
Tgt Ion:172 Resp: 552568
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 25.1 18.6 27.8



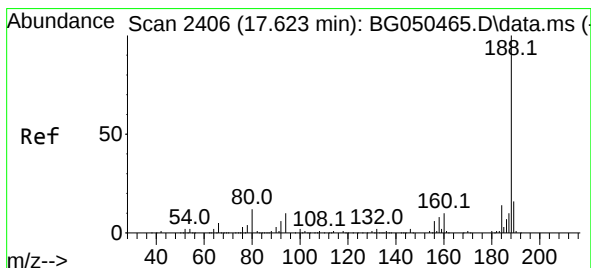
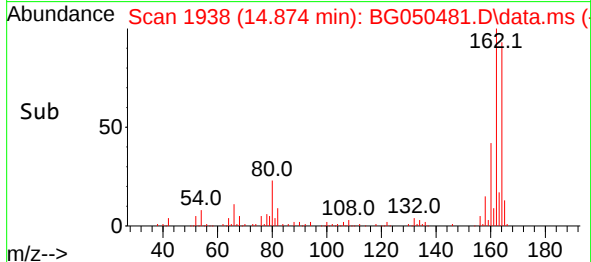
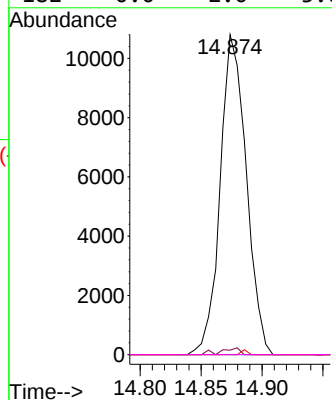


#57
2,4-Dinitrotoluene
Concen: 6.126 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Instrument :
BNA_G
ClientSampled :
CC-36

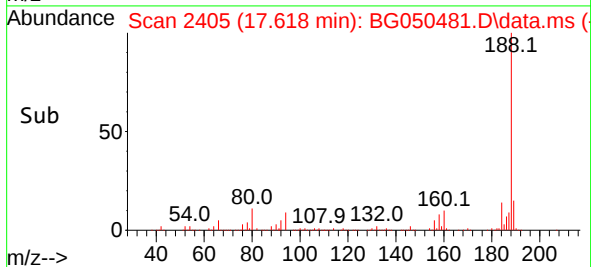
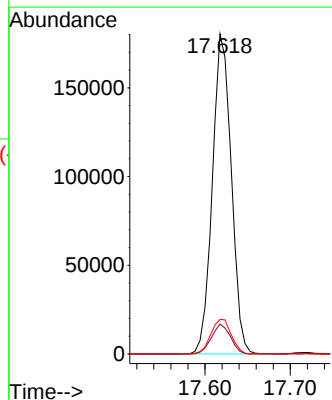
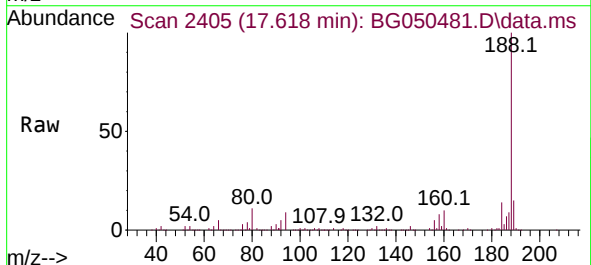


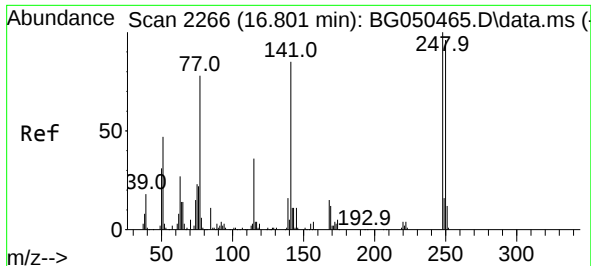
Tgt Ion:165 Resp: 16114
Ion Ratio Lower Upper
165 100
63 1.4 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:188 Resp: 278365
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.8 3.7 5.5#

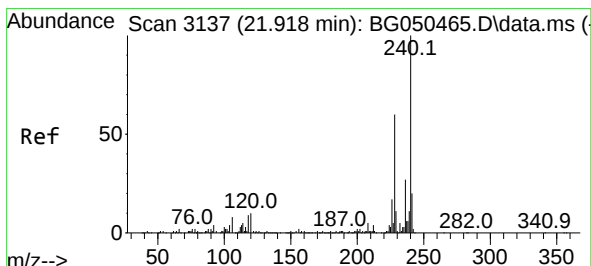
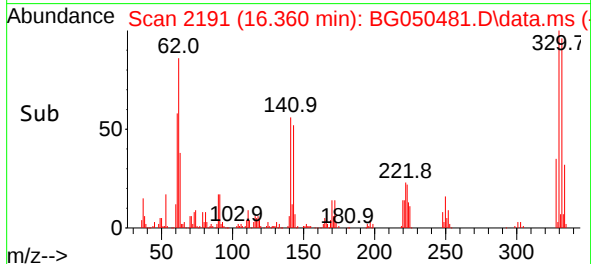
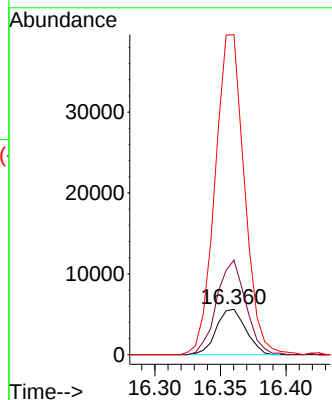
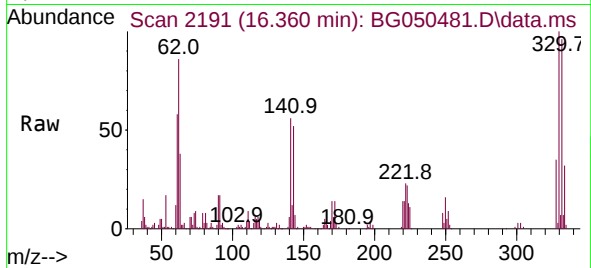




#67
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

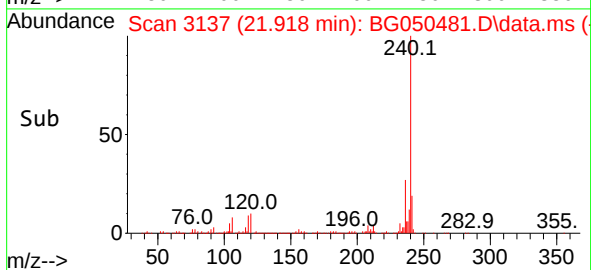
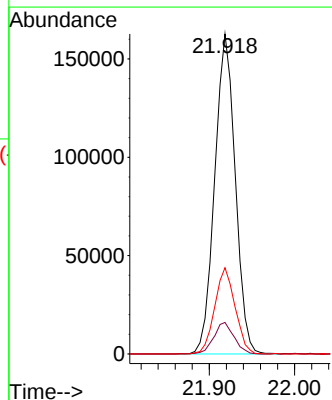
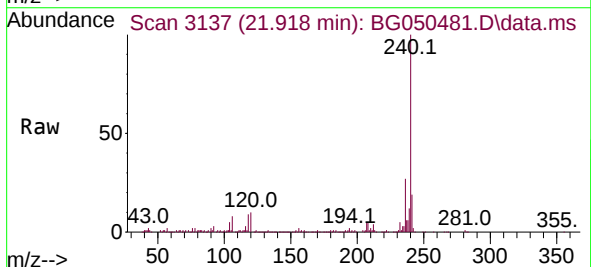
Instrument :
BNA_G
ClientSampled :
CC-36

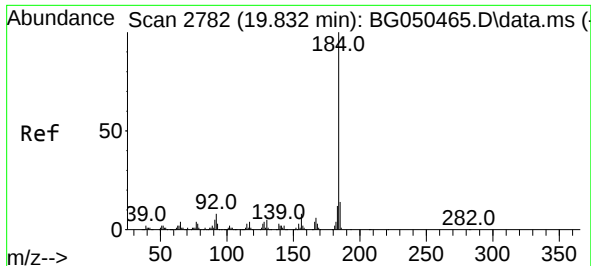
Tgt Ion:248 Resp: 8799
Ion Ratio Lower Upper
248 100
250 207.9 76.1 114.1#
141 703.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:240 Resp: 271991
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 26.9 21.8 32.6

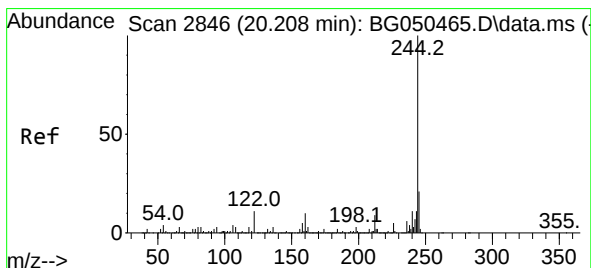
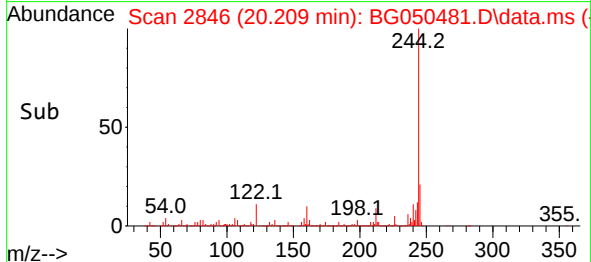
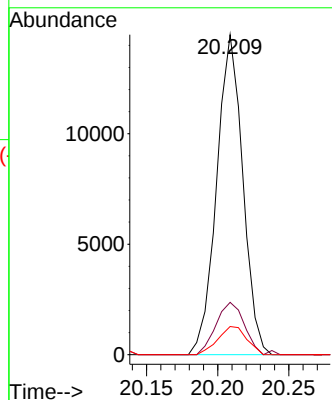
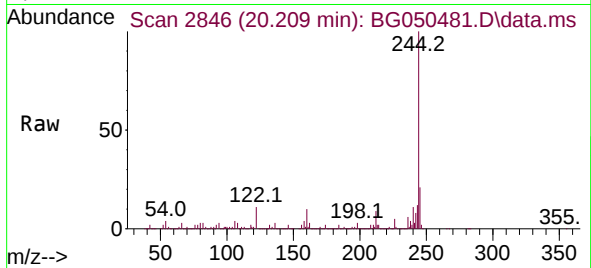




#77
Benzidine
Concen: 2.097 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

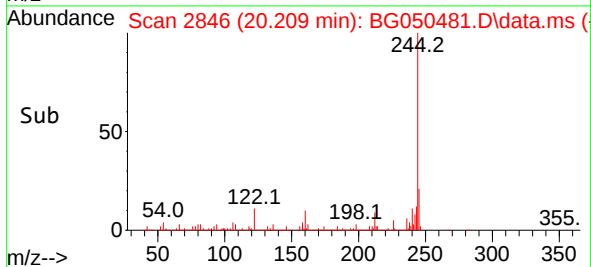
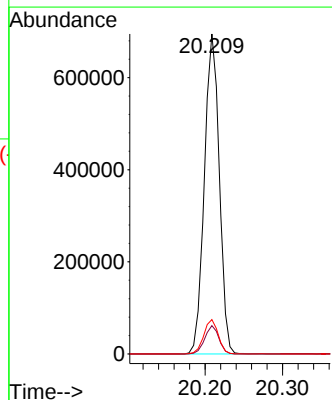
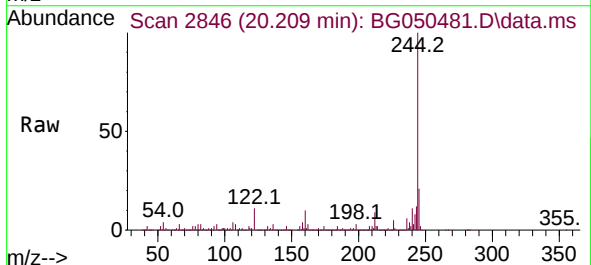
Instrument :
BNA_G
ClientSampled :
CC-36

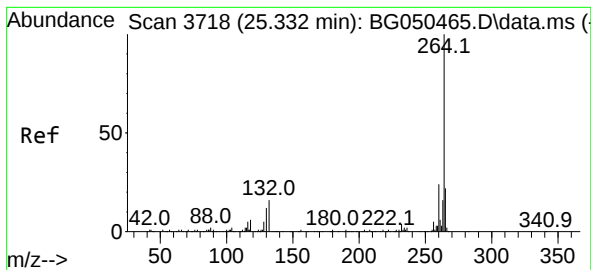
Tgt Ion:184 Resp: 18486
Ion Ratio Lower Upper
184 100
185 16.4 10.7 16.1#
183 8.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.750 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:244 Resp: 931614
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 10.8 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 3718
 Delta R.T. 0.000 min
 Lab File: BG050481.D
 Acq: 7 Oct 2021 13:21

Instrument :
 BNA_G
 ClientSampleId :
 CC-36

Tgt Ion:264 Resp: 273396
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.6 16.9 25.3

