

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060035.D
 Acq On : 15 Dec 2023 14:29
 Operator : MA/JU
 Sample : 05791-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-00-XX

Quant Time: Dec 15 16:09:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

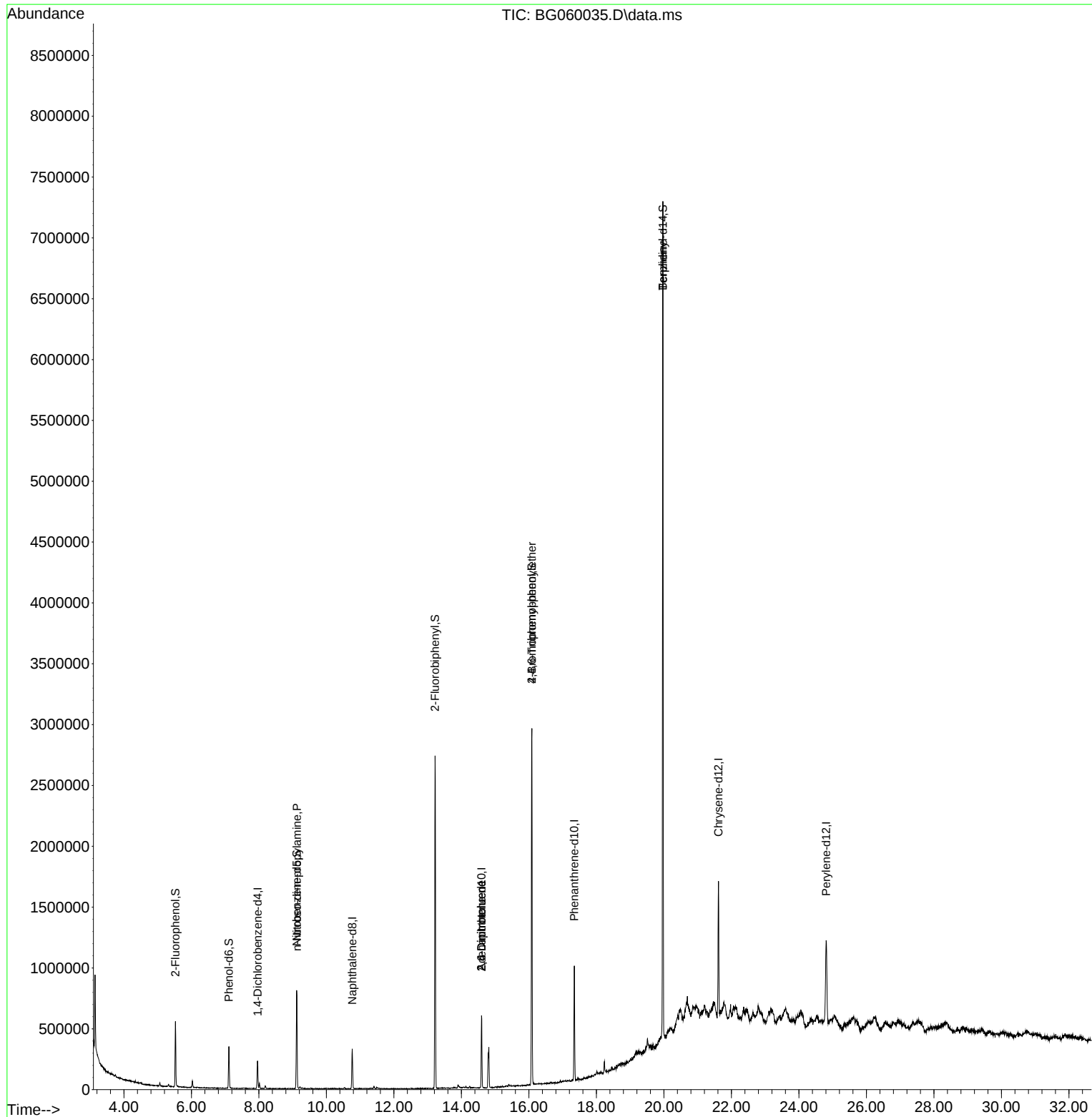
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	64553	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	256967	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	214074	20.000	ng	0.00
64) Phenanthrene-d10	17.344	188	635904	20.000	ng	0.00
76) Chrysene-d12	21.615	240	749946	20.000	ng	0.00
86) Perylene-d12	24.805	264	865803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	204396	54.203	ng	0.00
7) Phenol-d6	7.109	99	174362	32.871	ng	0.00
23) Nitrobenzene-d5	9.118	82	460961	81.456	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	713962	143.110	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1507230	86.171	ng	0.00
79) Terphenyl-d14	19.970	244	3706764	90.240	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.124	70	65161	19.040	ng	# 75
51) 2,6-Dinitrotoluene	14.594	165	29417	8.546	ng	# 24
57) 2,4-Dinitrotoluene	14.594	165	29417	6.080	ng	# 27
67) 4-Bromophenyl-phenylether	16.086	248	42510	4.738	ng	# 1
69) Atrazine	16.809	200	270	Below Cal		# 34
77) Benzidine	19.970	184	64120	6.656	ng	# 92

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

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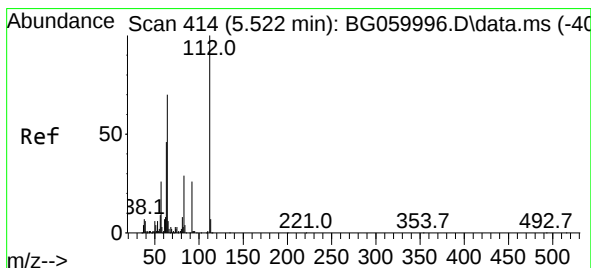
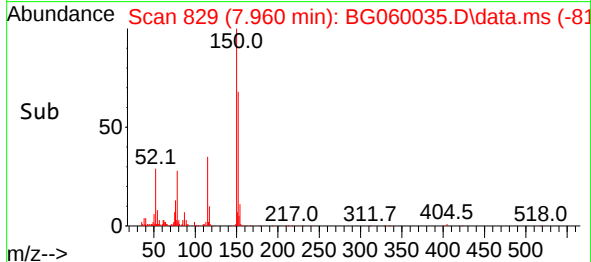
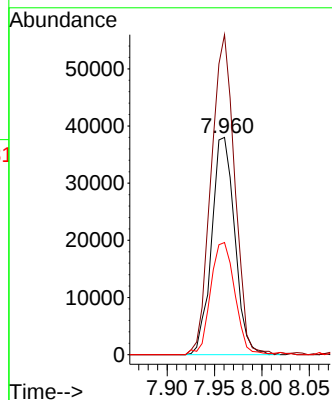
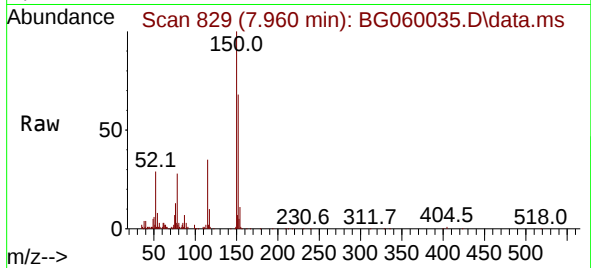




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.960 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BG060035.D
 Acq: 15 Dec 2023 14:29

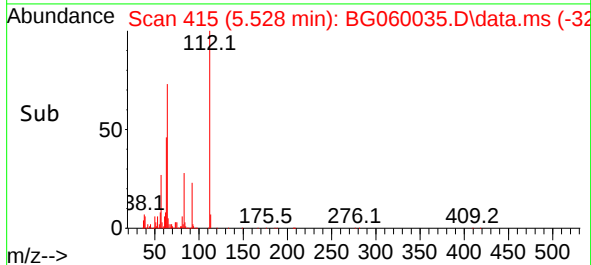
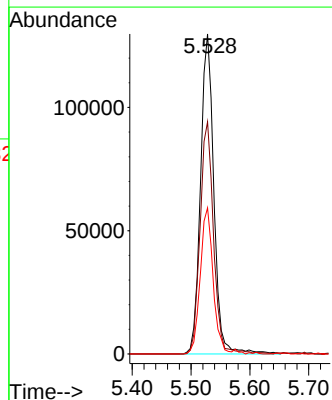
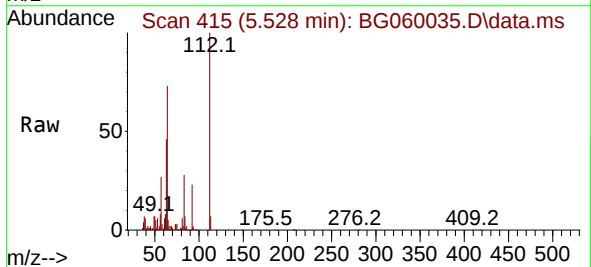
Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-00-XX

Tgt Ion:152 Resp: 64553
 Ion Ratio Lower Upper
 152 100
 150 147.3 127.0 190.6
 115 51.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 54.203 ng
 RT: 5.528 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: BG060035.D
 Acq: 15 Dec 2023 14:29

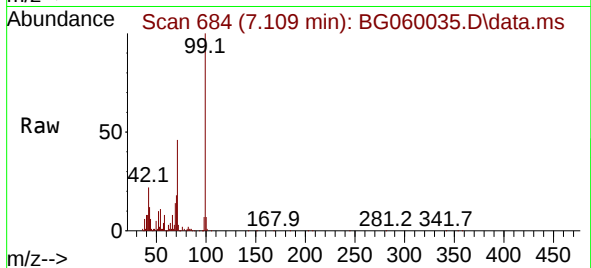
Tgt Ion:112 Resp: 204396
 Ion Ratio Lower Upper
 112 100
 64 72.5 55.9 83.9
 63 45.7 36.5 54.7



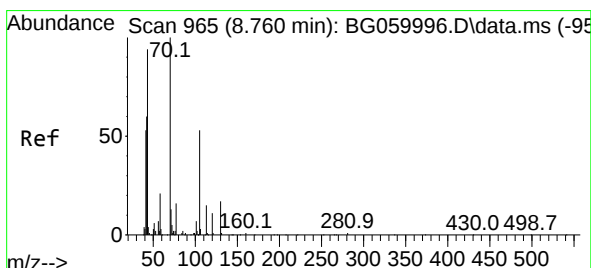
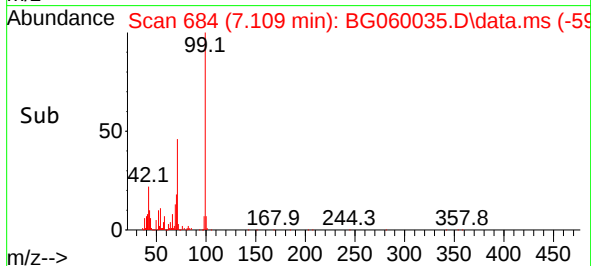
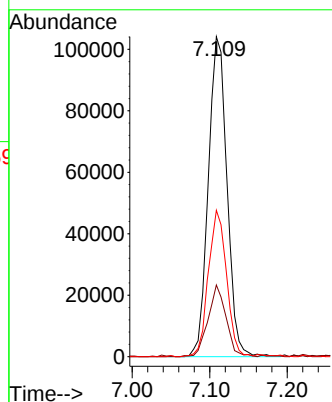


#7
Phenol-d6
Concen: 32.871 ng
RT: 7.109 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

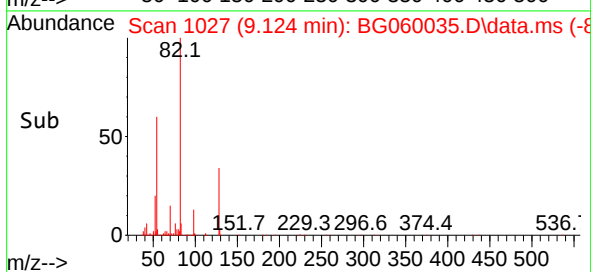
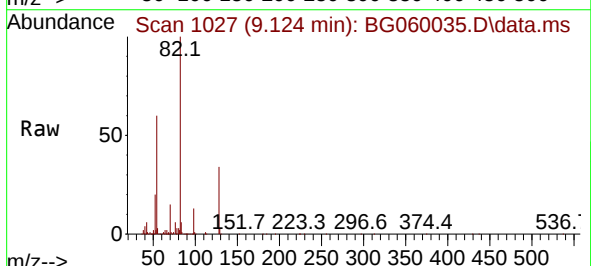
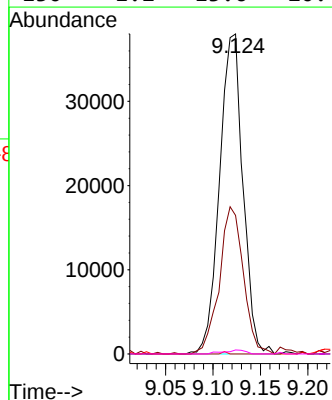


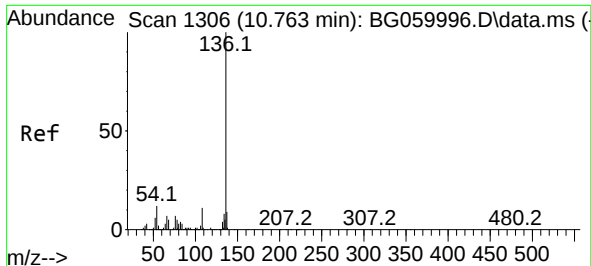
Tgt Ion:	99	Resp:	174362
Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.2	24.4
71	45.7	37.6	56.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.040 ng
RT: 9.124 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:	70	Resp:	65161
Ion	Ratio	Lower	Upper
70	100		
42	43.3	48.6	73.0#
101	0.0	5.7	8.5#
130	1.2	13.6	20.4#

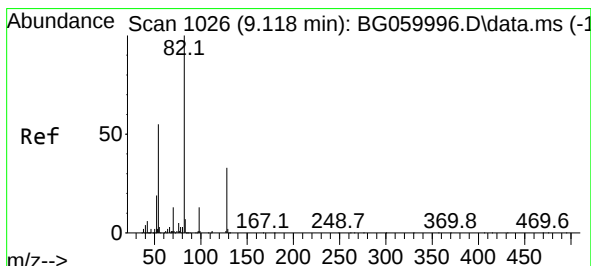
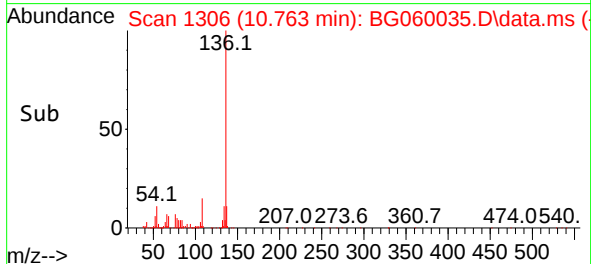
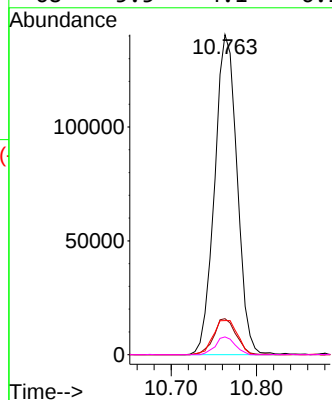
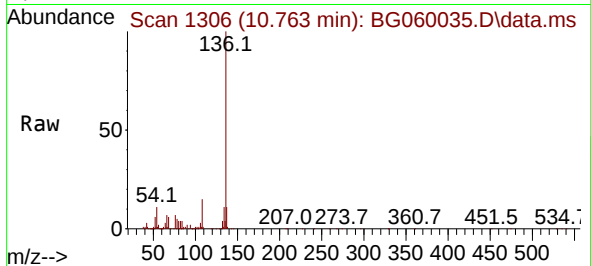




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

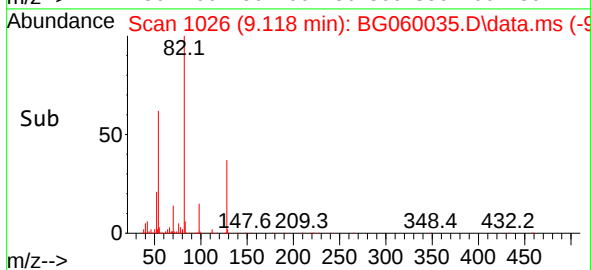
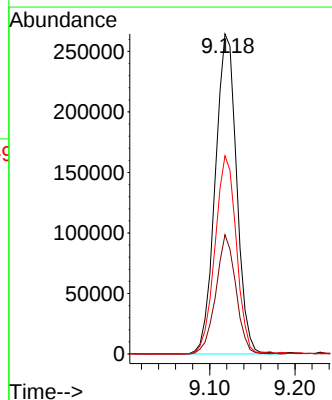
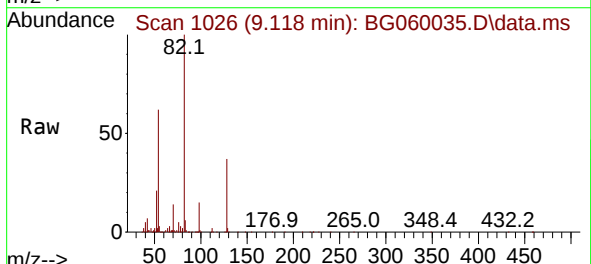
Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

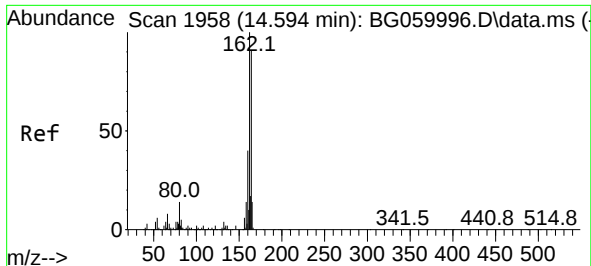
Tgt Ion:	136	Resp:	256967
Ion	Ratio	Lower	Upper
136	100		
137	11.3	7.3	10.9#
54	10.6	9.6	14.4
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 81.456 ng
RT: 9.118 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:	82	Resp:	460961
Ion	Ratio	Lower	Upper
82	100		
128	37.2	26.3	39.5
54	61.9	44.3	66.5

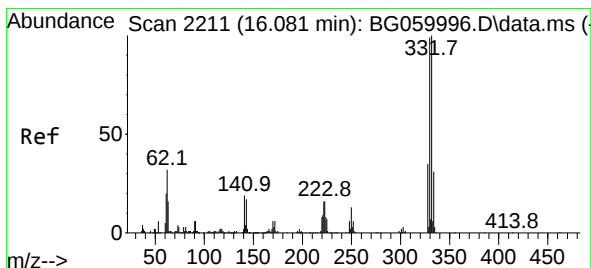
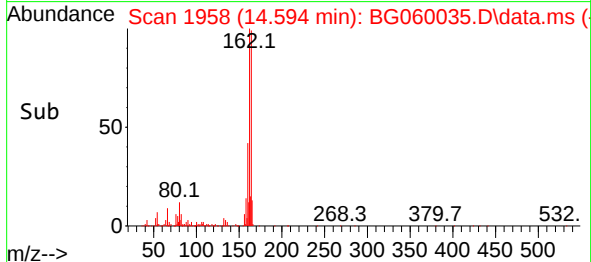
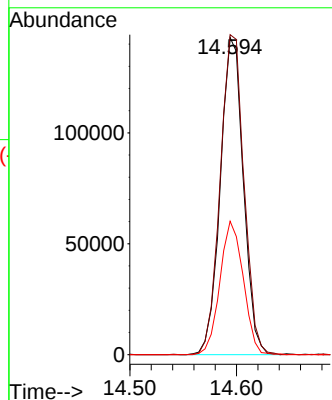
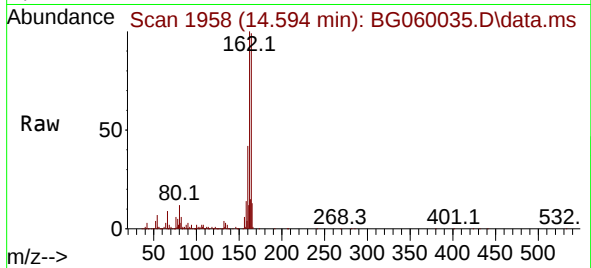




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

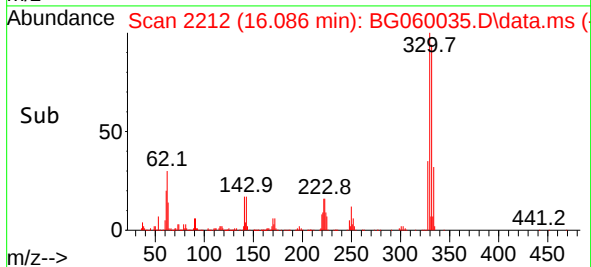
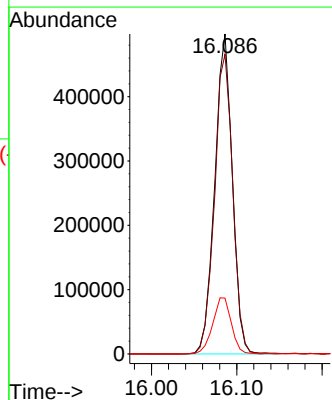
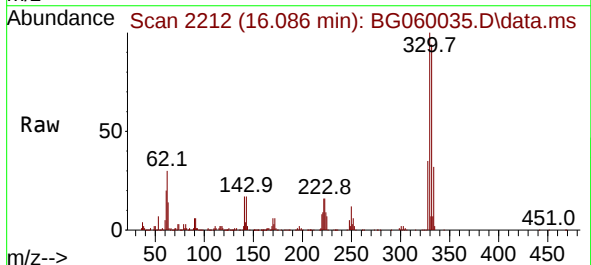
Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

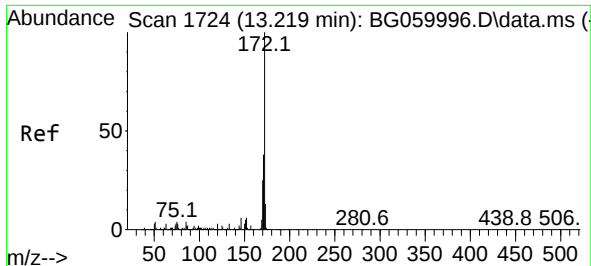
Tgt Ion:164 Resp: 214074
Ion Ratio Lower Upper
164 100
162 100.9 88.1 132.1
160 42.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 143.110 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:330 Resp: 713962
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 18.6 14.3 21.5

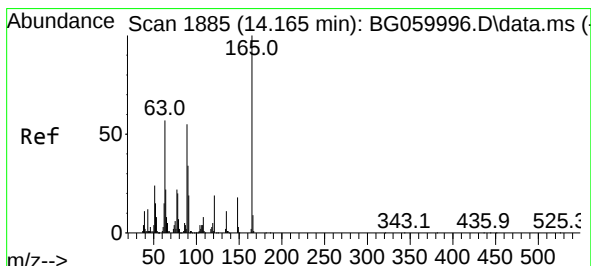
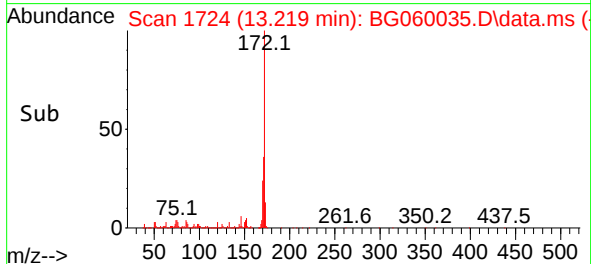
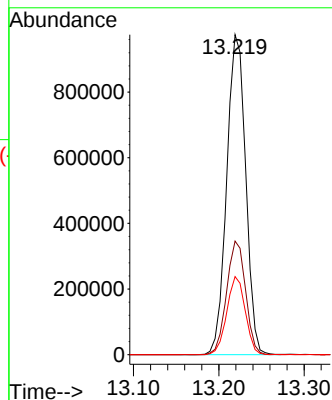
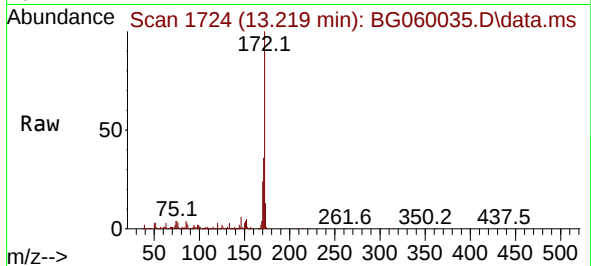




#45
2-Fluorobiphenyl
Concen: 86.171 ng
RT: 13.219 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

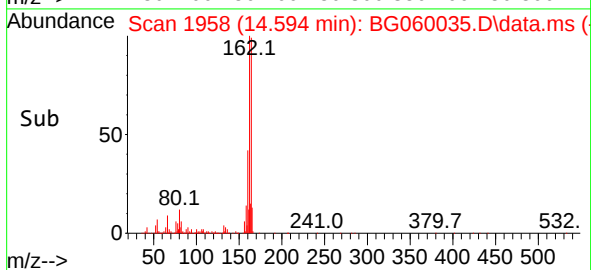
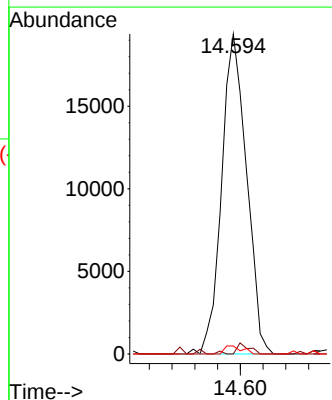
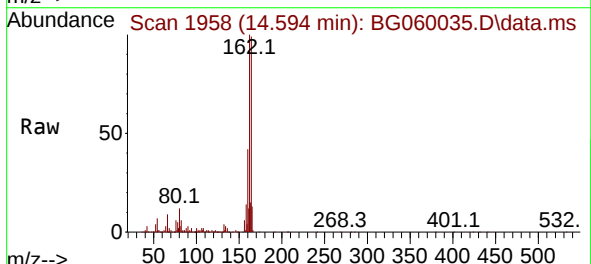
Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

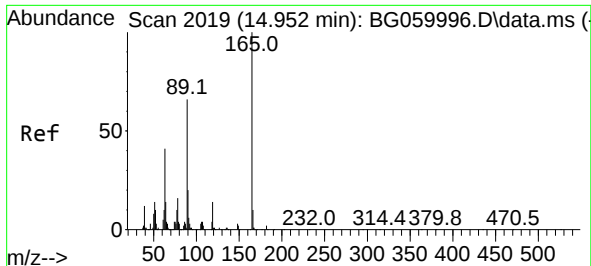
Tgt Ion:172 Resp: 1507230
Ion Ratio Lower Upper
172 100
171 35.5 30.1 45.1
170 24.4 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.546 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.429 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:165 Resp: 29417
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.2#
89 2.5 44.4 66.6#

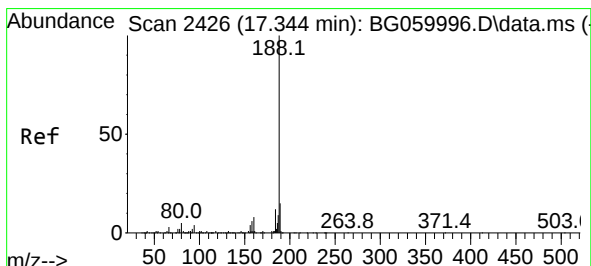
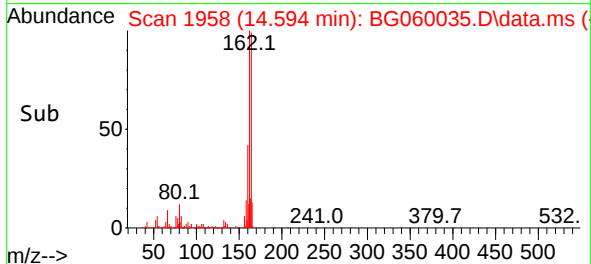
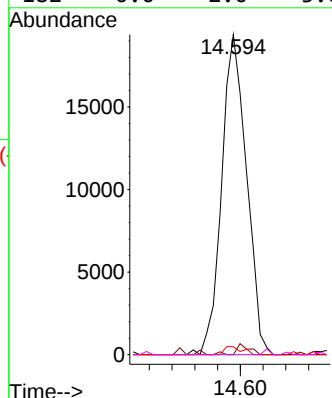
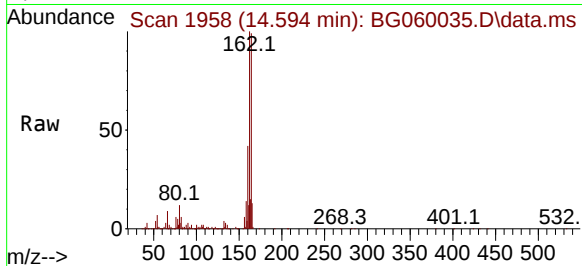




#57
2,4-Dinitrotoluene
Concen: 6.080 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.359 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

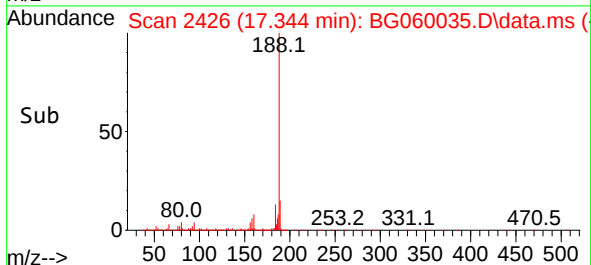
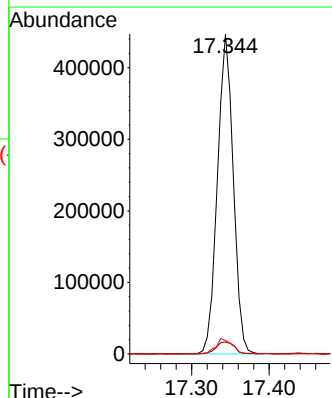
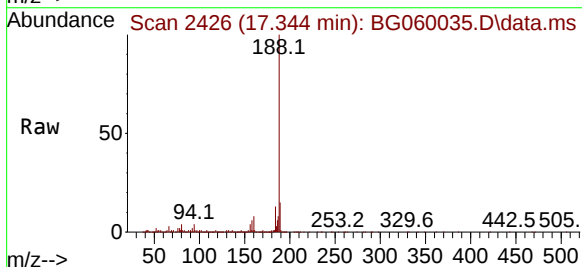
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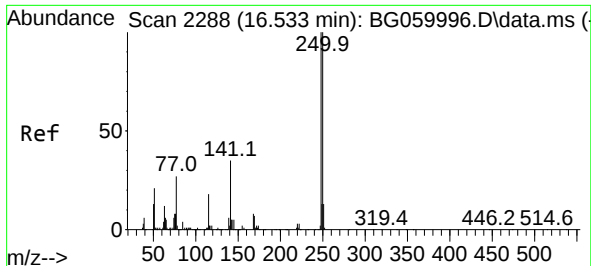
Tgt Ion:165 Resp: 29417
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 2.5 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.344 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:188 Resp: 635904
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 4.2 4.0 6.0

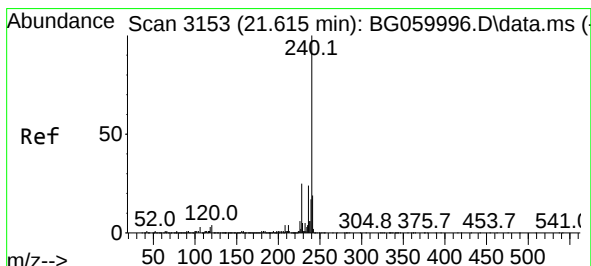
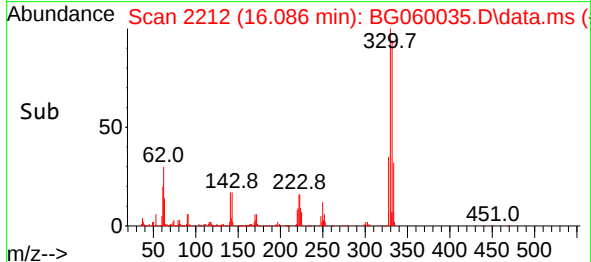
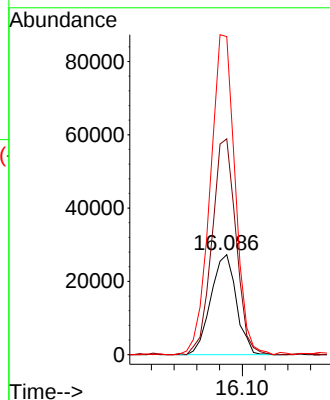
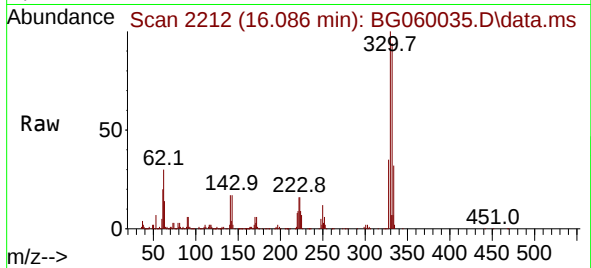




#67
4-Bromophenyl-phenylether
Concen: 4.738 ng
RT: 16.086 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

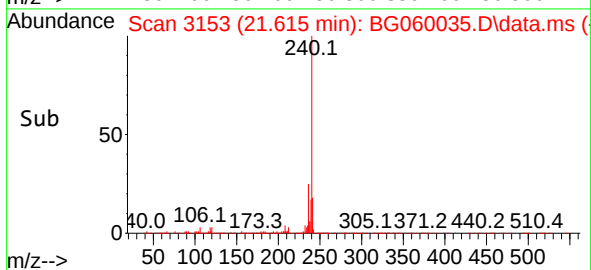
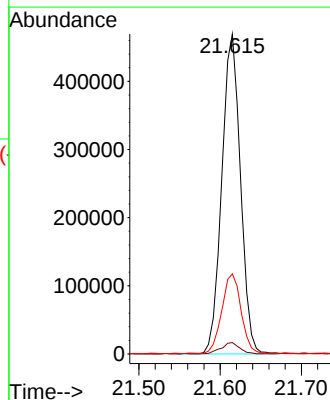
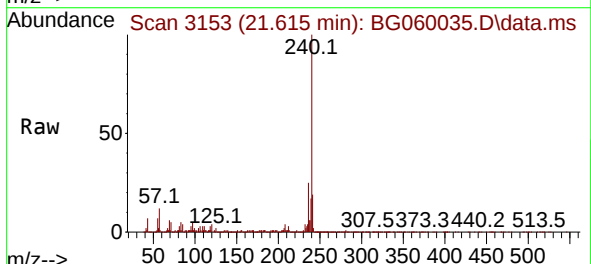
Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

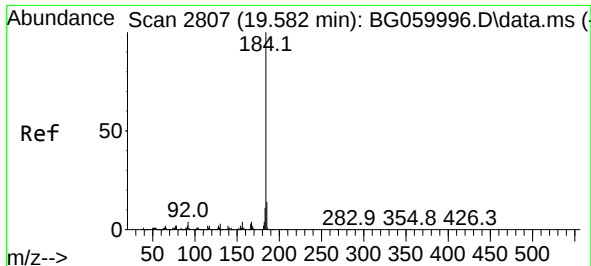
Tgt Ion:248 Resp: 42510
Ion Ratio Lower Upper
248 100
250 215.8 79.9 119.9#
141 317.9 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.615 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:240 Resp: 749946
Ion Ratio Lower Upper
240 100
120 3.6 2.9 4.3
236 25.1 19.4 29.2

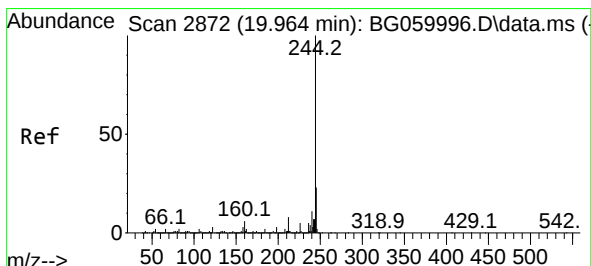
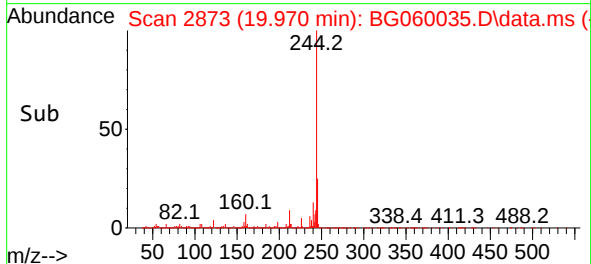
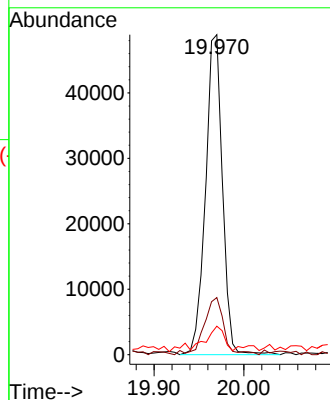
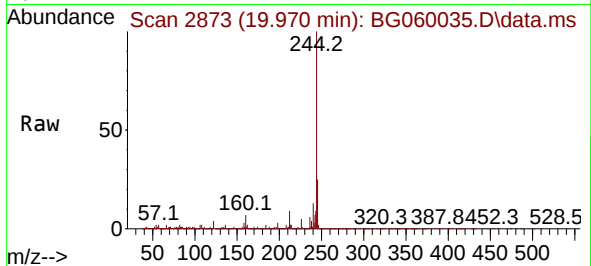




#77
Benzidine
Concen: 6.656 ng
RT: 19.970 min Scan# 2873
Delta R.T. 0.388 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

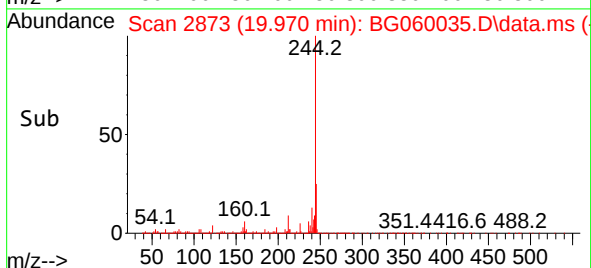
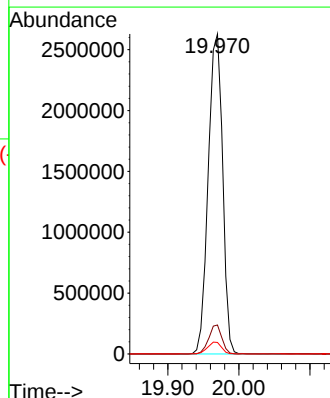
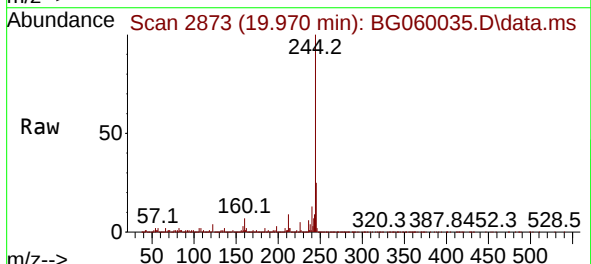
Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

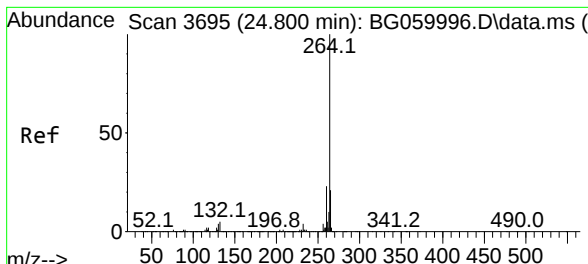
Tgt Ion:184 Resp: 64120
Ion Ratio Lower Upper
184 100
185 17.8 11.1 16.7#
183 8.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 90.240 ng
RT: 19.970 min Scan# 2873
Delta R.T. 0.006 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:244 Resp: 3706764
Ion Ratio Lower Upper
244 100
212 9.1 6.8 10.2
122 3.6 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.805 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG060035.D
 Acq: 15 Dec 2023 14:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-00-XX

Tgt Ion:	264	Resp:	865803
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	20.3	17.3	25.9

