

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054329.D
 Acq On : 20 Jul 2022 15:58
 Operator : CG/JU
 Sample : N3771-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7F

Quant Time: Jul 21 01:24:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

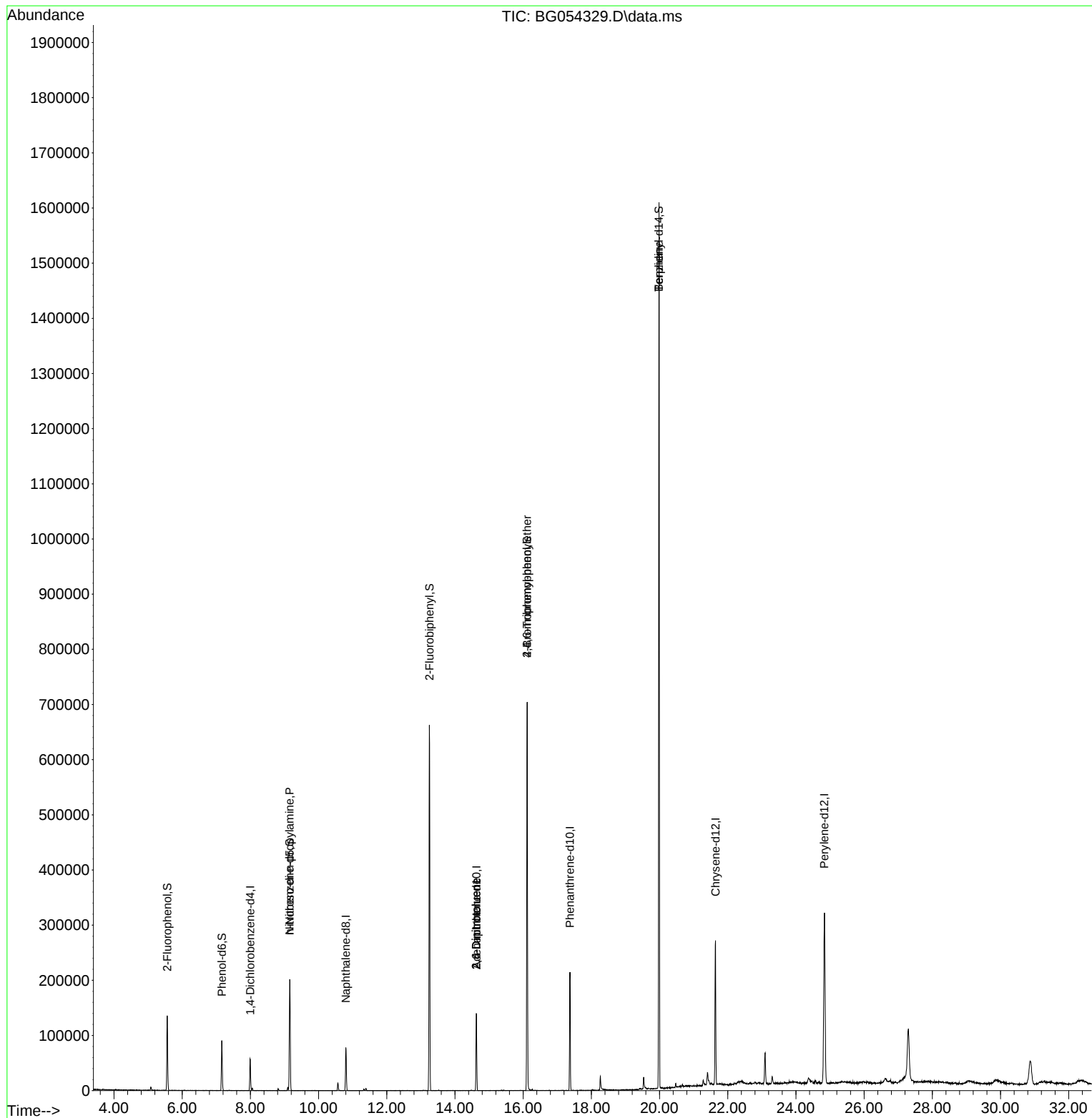
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	17906	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	69237	20.000	ng	# 0.00
39) Acenaphthene-d10	14.630	164	56399	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	153782	20.000	ng	# 0.00
76) Chrysene-d12	21.640	240	186247	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	191523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.565	112	61318	71.498	ng	0.00
7) Phenol-d6	7.163	99	50155	42.680	ng	0.00
23) Nitrobenzene-d5	9.154	82	125674	98.846	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	189344	159.896	ng	0.00
45) 2-Fluorobiphenyl	13.250	172	385200	96.349	ng	0.00
79) Terphenyl-d14	19.983	244	921520	98.155	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.154	70	18302	23.323	ng	# 80
51) 2,6-Dinitrotoluene	14.624	165	7940	8.217	ng	# 16
57) 2,4-Dinitrotoluene	14.624	165	7940	5.732	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	11782	5.455	ng	# 1
77) Benzidine	19.983	184	12084	3.582	ng	# 90

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

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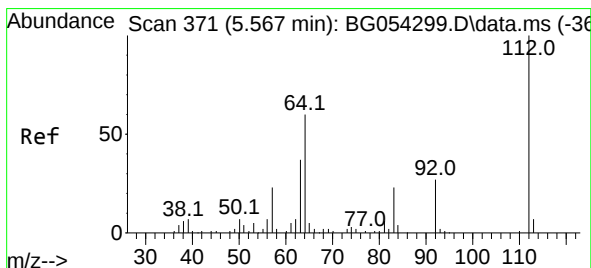
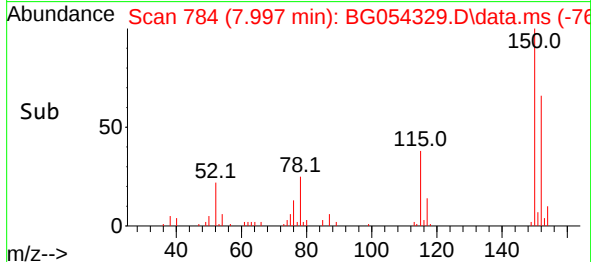
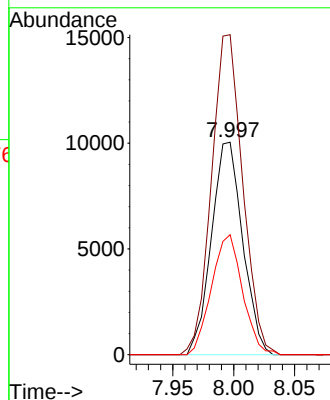
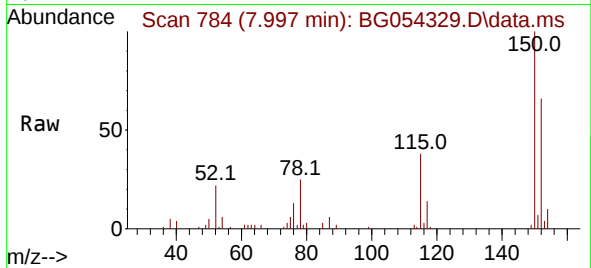




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.997 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

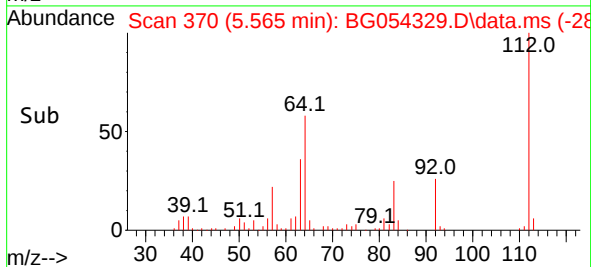
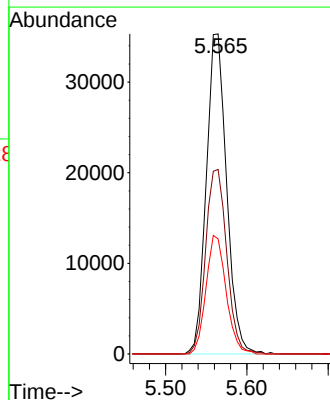
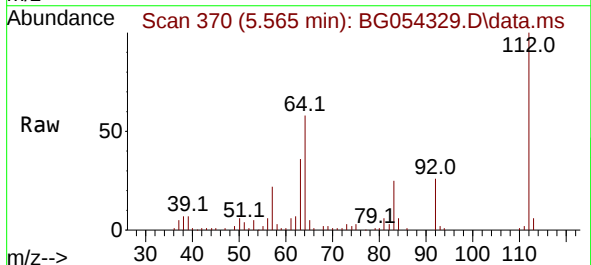
Instrument :
BNA_G
ClientSampleId :
MW-7F

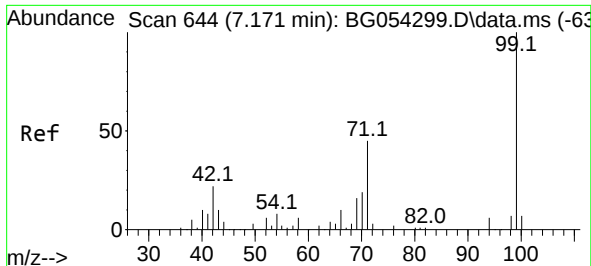
Tgt Ion:152 Resp: 17906
Ion Ratio Lower Upper
152 100
150 150.6 131.6 197.4
115 56.5 50.9 76.3



#5
2-Fluorophenol
Concen: 71.498 ng
RT: 5.565 min Scan# 370
Delta R.T. -0.003 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Tgt Ion:112 Resp: 61318
Ion Ratio Lower Upper
112 100
64 57.6 55.1 82.7
63 35.9 30.4 45.6

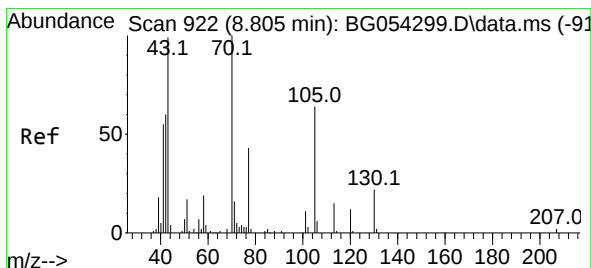
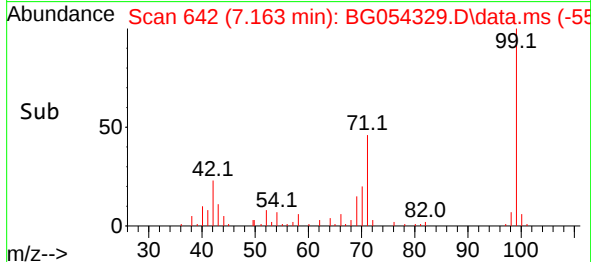
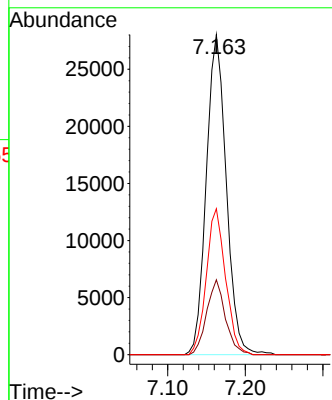
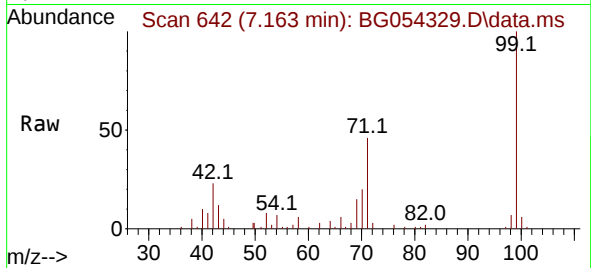




#7
Phenol-d6
Concen: 42.680 ng
RT: 7.163 min Scan# 64
Delta R.T. -0.009 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

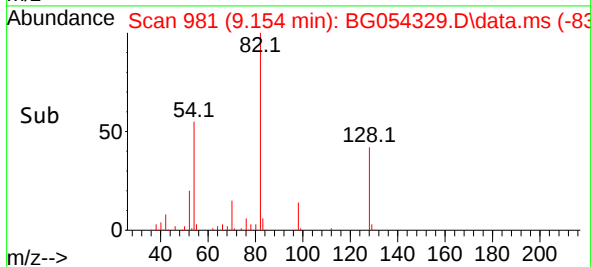
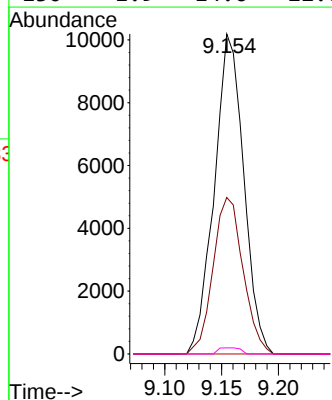
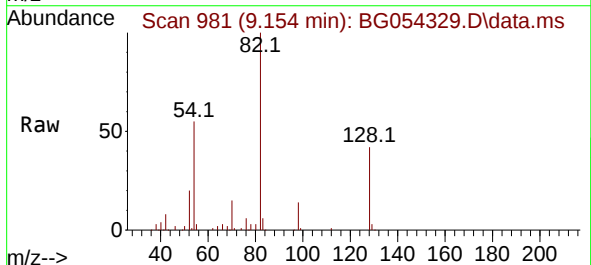
Instrument :
BNA_G
ClientSampleId :
MW-7F

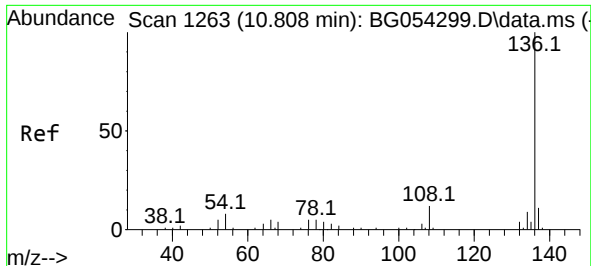
Tgt Ion: 99 Resp: 50155
Ion Ratio Lower Upper
99 100
42 23.4 17.0 25.6
71 45.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.323 ng
RT: 9.154 min Scan# 981
Delta R.T. 0.350 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Tgt Ion: 70 Resp: 18302
Ion Ratio Lower Upper
70 100
42 48.9 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

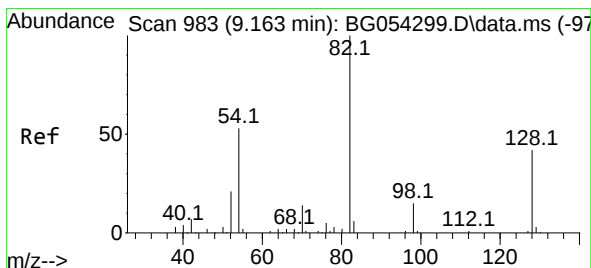
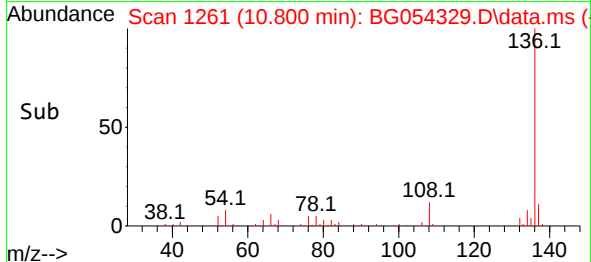
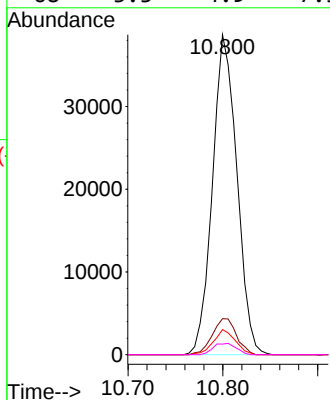
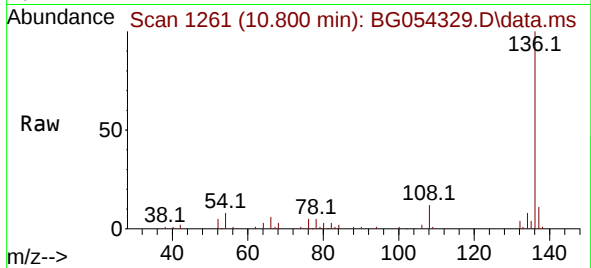




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

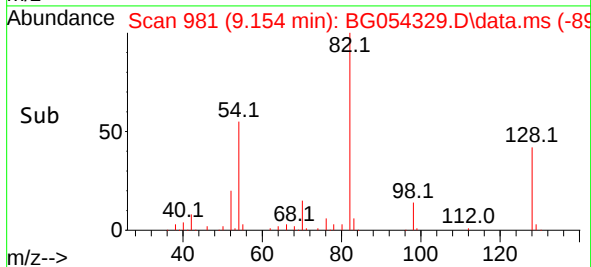
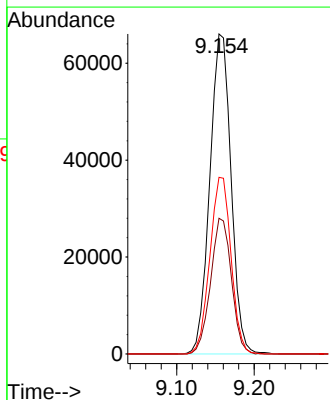
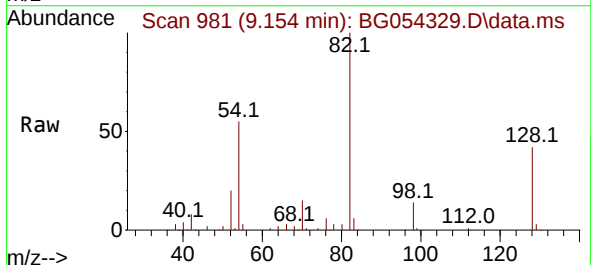
Instrument :
BNA_G
ClientSampleId :
MW-7F

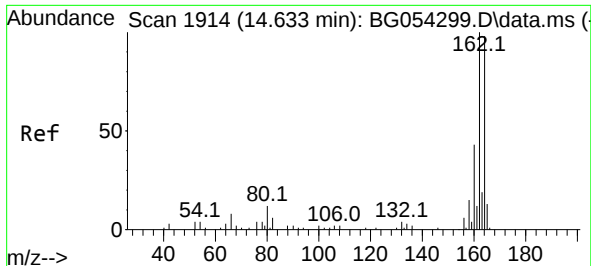
Tgt Ion:	136	Resp:	69237
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.8	7.4	11.2
68	3.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 98.846 ng
RT: 9.154 min Scan# 981
Delta R.T. -0.009 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Tgt Ion:	82	Resp:	125674
Ion Ratio	Lower	Upper	
82	100		
128	42.4	27.9	41.9
54	55.2	41.2	61.8

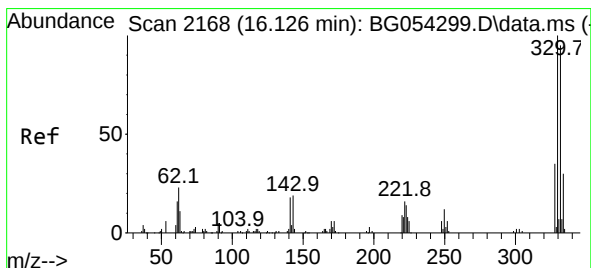
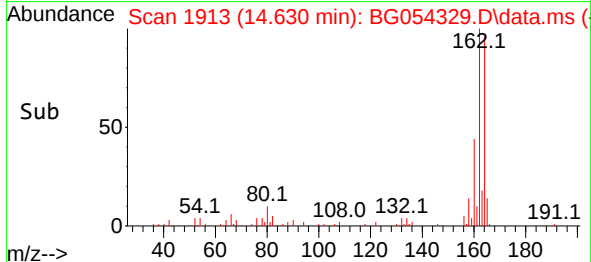
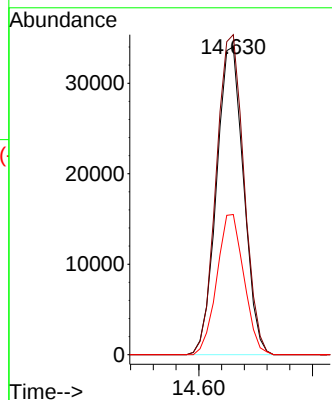
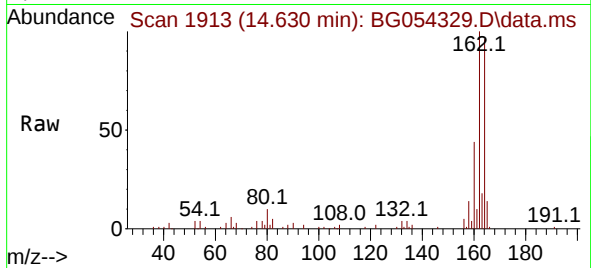




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.630 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

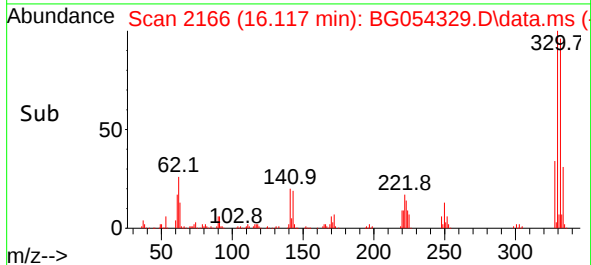
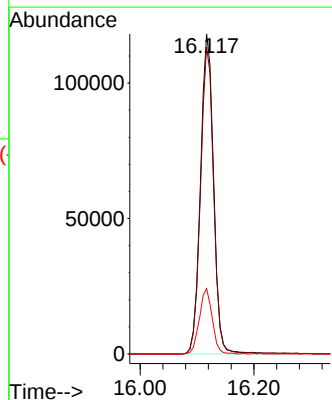
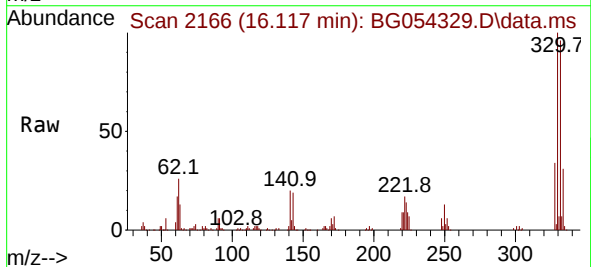
Instrument :
BNA_G
ClientSampleId :
MW-7F

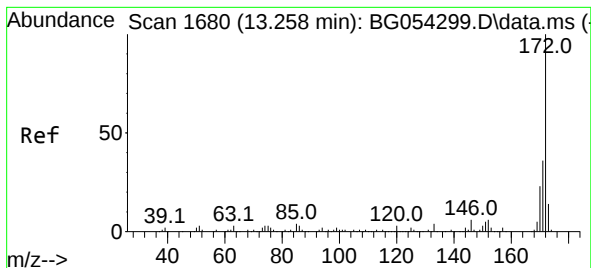
Tgt Ion:164 Resp: 56399
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 45.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 159.896 ng
RT: 16.117 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Tgt Ion:330 Resp: 189344
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 20.0 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 96.349 ng

RT: 13.250 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG054329.D

Acq: 20 Jul 2022 15:58

Instrument :

BNA_G

ClientSampleId :

MW-7F

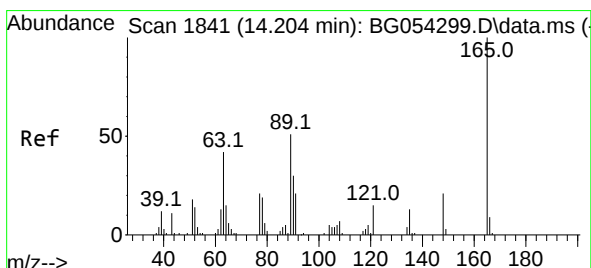
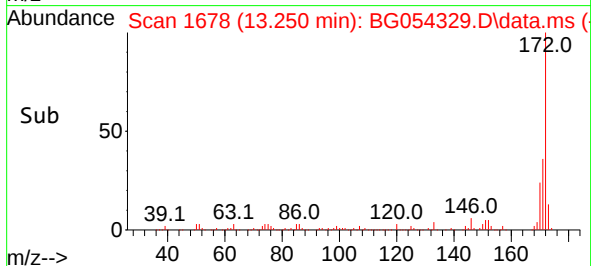
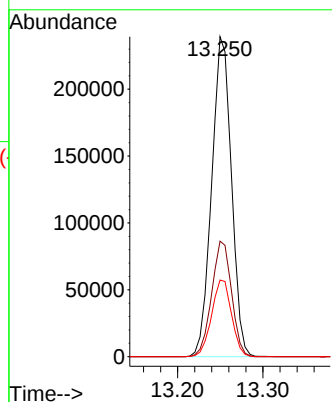
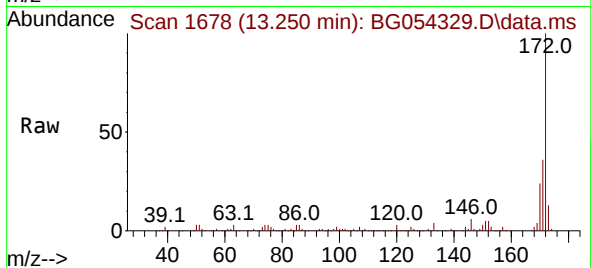
Tgt Ion:172 Resp: 385200

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.0 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.217 ng

RT: 14.624 min Scan# 1912

Delta R.T. 0.420 min

Lab File: BG054329.D

Acq: 20 Jul 2022 15:58

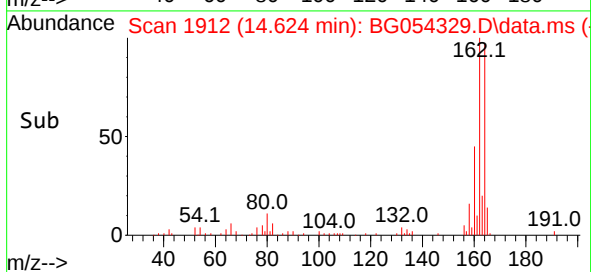
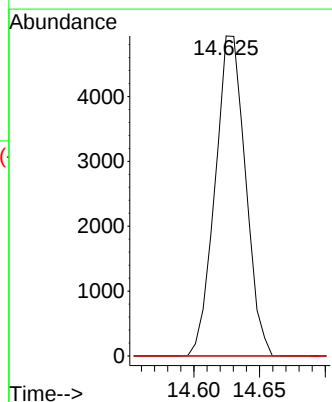
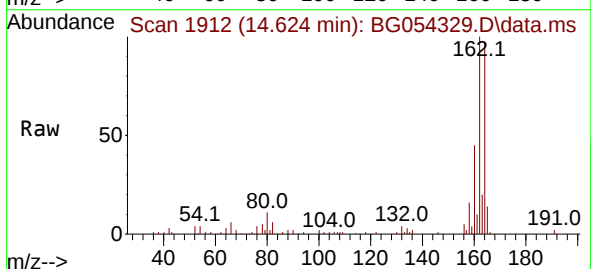
Tgt Ion:165 Resp: 7940

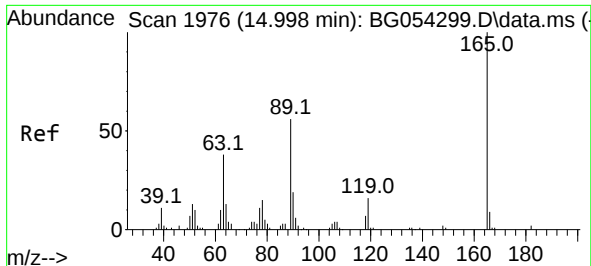
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

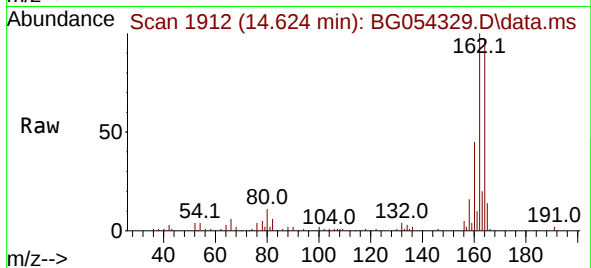
89 0.0 54.8 82.2#



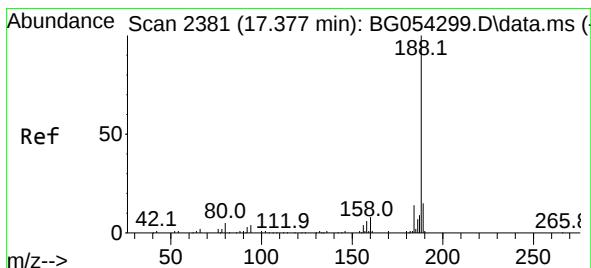
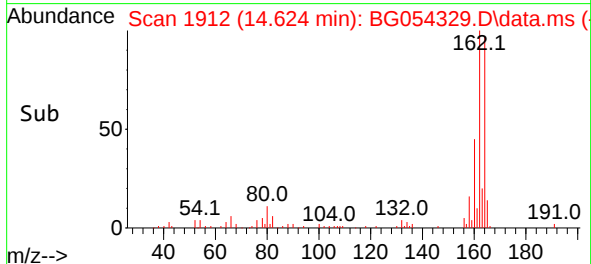
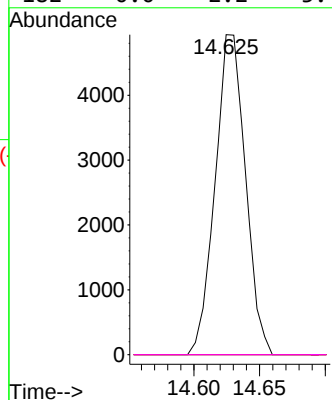


#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 14.624 min Scan# 1976
Delta R.T. -0.373 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Instrument :
BNA_G
ClientSampleId :
MW-7F

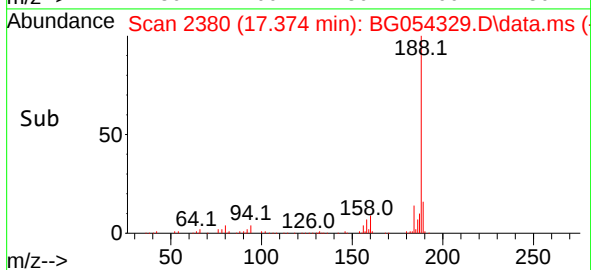
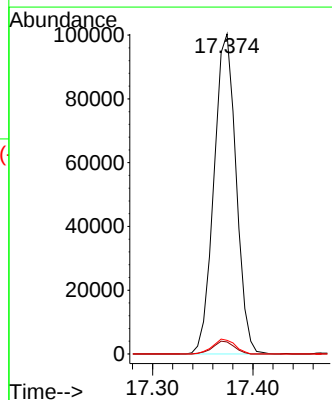
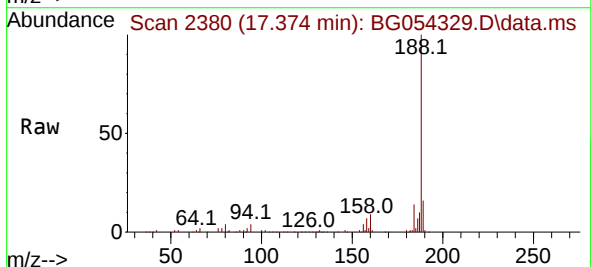


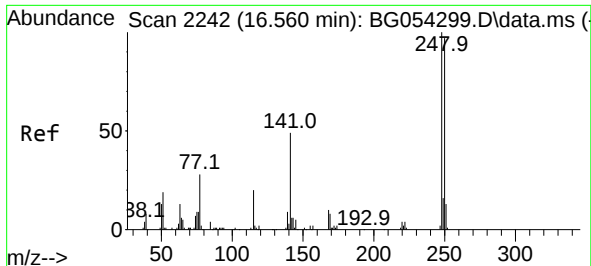
Tgt Ion:165	Resp:	7940
Ion	Ratio	Lower Upper
165	100	
63	0.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2380
Delta R.T. -0.003 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Tgt Ion:188	Resp:	153782
Ion	Ratio	Lower Upper
188	100	
94	3.7	5.4 8.0#
80	4.2	6.8 10.2#

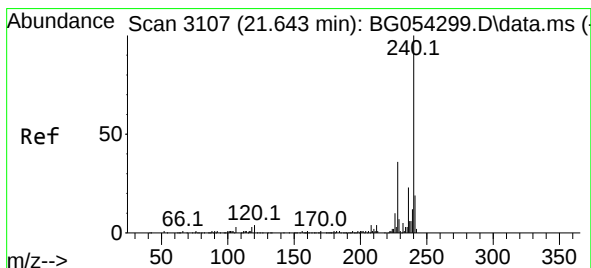
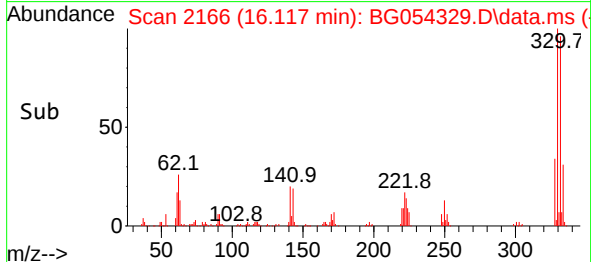
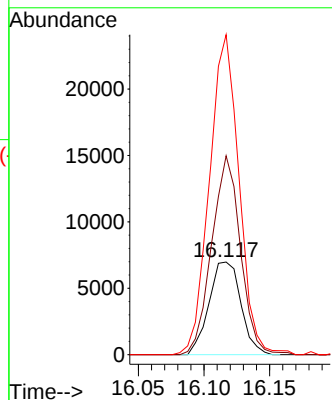
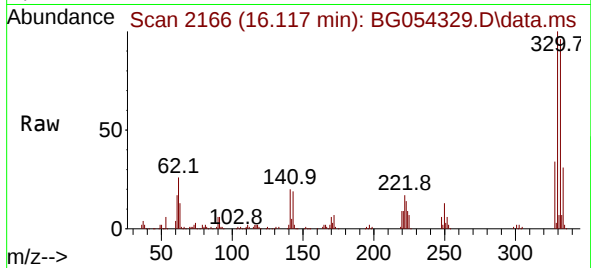




#67
4-Bromophenyl-phenylether
Concen: 5.455 ng
RT: 16.117 min Scan# 2166
Delta R.T. -0.444 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

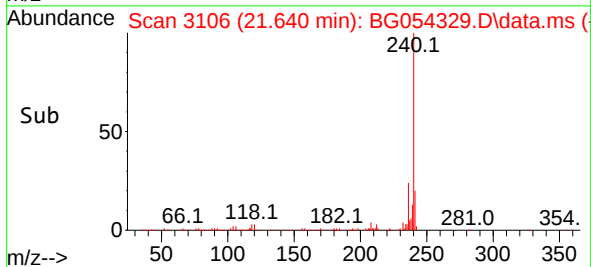
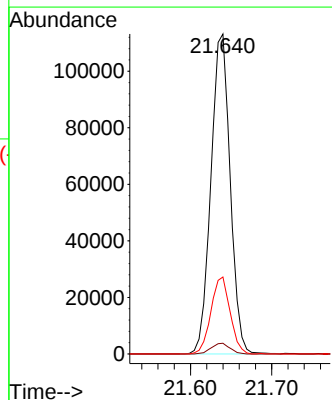
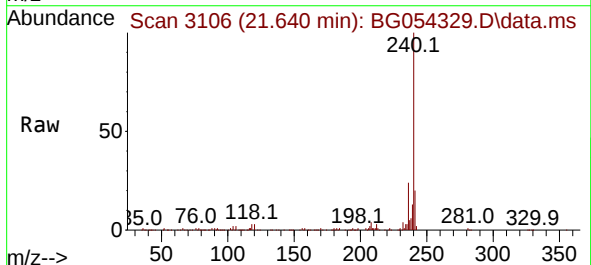
Instrument :
BNA_G
ClientSampleId :
MW-7F

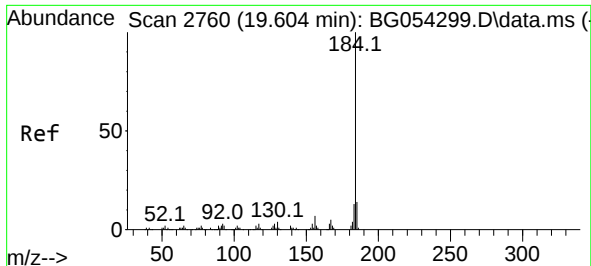
Tgt Ion:248 Resp: 11782
Ion Ratio Lower Upper
248 100
250 202.5 75.2 112.8#
141 257.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.640 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Tgt Ion:240 Resp: 186247
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 24.1 20.2 30.4

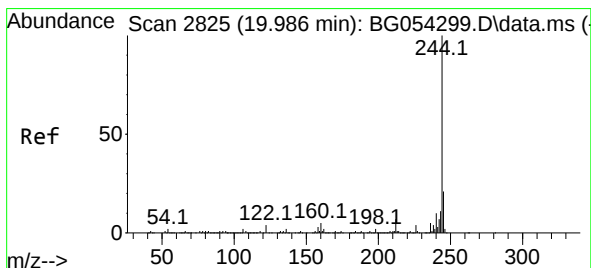
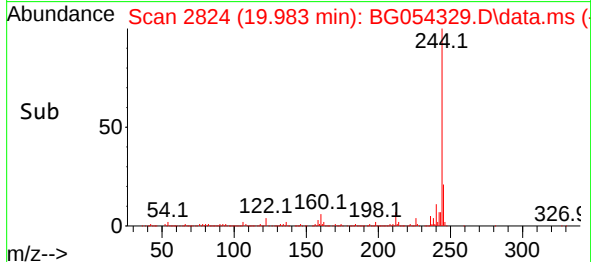
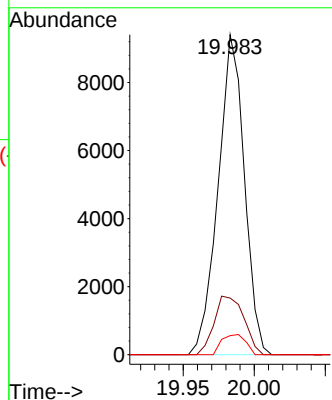
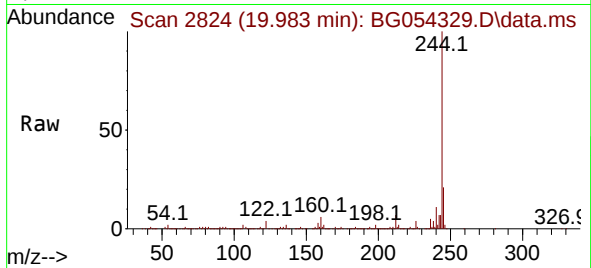




#77
Benzidine
Concen: 3.582 ng
RT: 19.983 min Scan# 21
Delta R.T. 0.379 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

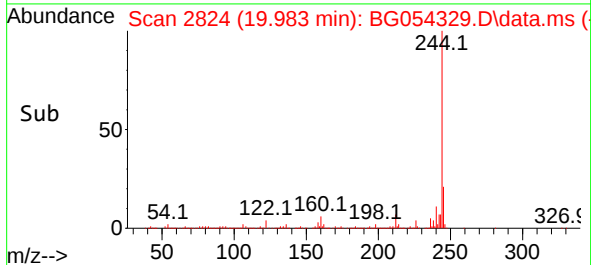
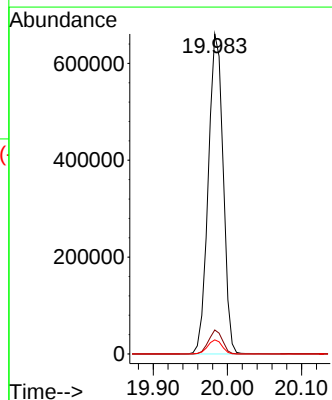
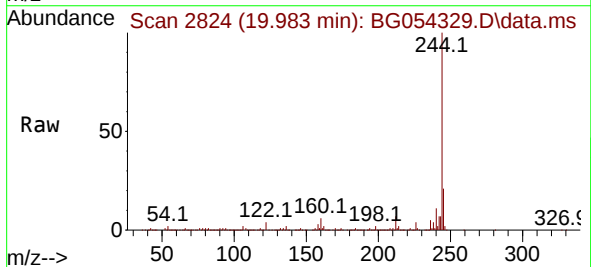
Instrument :
BNA_G
ClientSampleId :
MW-7F

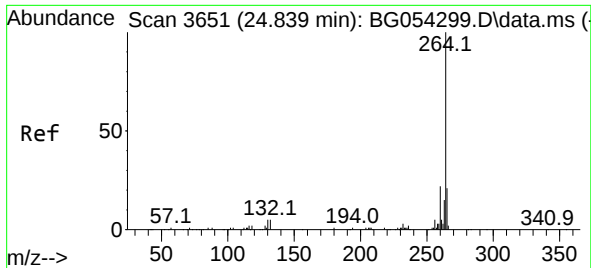
Tgt Ion:184 Resp: 12084
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 6.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 98.155 ng
RT: 19.983 min Scan# 2824
Delta R.T. -0.003 min
Lab File: BG054329.D
Acq: 20 Jul 2022 15:58

Tgt Ion:244 Resp: 921520
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 4.4 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG054329.D
 Acq: 20 Jul 2022 15:58

Instrument :
 BNA_G
 ClientSampleId :
 MW-7F

Tgt Ion:264 Resp: 191523
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.4 17.4 26.2

