

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054600.D
 Acq On : 11 Aug 2022 11:42
 Operator : CG/JU
 Sample : N3971-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-20R

Quant Time: Aug 12 06:00:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

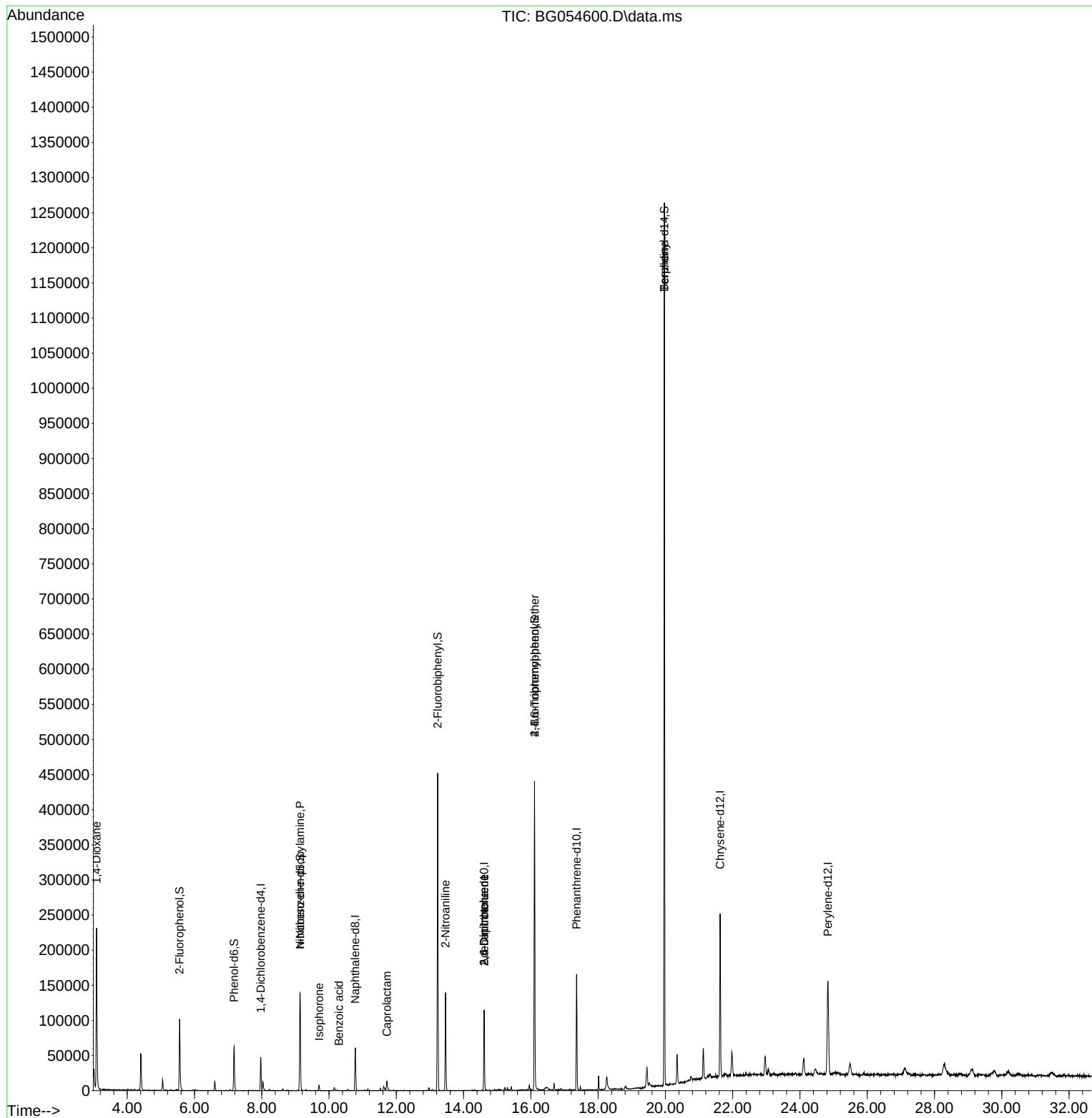
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	14620	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	54929	20.000	ng	# 0.00
39) Acenaphthene-d10	14.611	164	43472	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	121521	20.000	ng	# 0.00
76) Chrysene-d12	21.626	240	157539	20.000	ng	# 0.00
86) Perylene-d12	24.828	264	164803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	46361	66.208	ng	0.00
7) Phenol-d6	7.178	99	37958	39.561	ng	0.00
23) Nitrobenzene-d5	9.141	82	87369	86.618	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	118696	130.042	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	255747	82.992	ng	0.00
79) Terphenyl-d14	19.969	244	698509	87.959	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.089	88	2037	7.312	ng	# 1
19) n-Nitroso-di-n-propyla...	9.135	70	12563	19.607	ng	# 82
25) Isophorone	9.705	82	6302	3.592	ng	# 92
32) Benzoic acid	10.298	122	59	7.851	ng	# 1
35) Caprolactam	11.720	113	2941	11.274	ng	# 85
48) 2-Nitroaniline	13.465	65	4865	7.490	ng	# 22
51) 2,6-Dinitrotoluene	14.611	165	6081	8.165	ng	# 16
57) 2,4-Dinitrotoluene	14.611	165	6081	5.695	ng	# 21
67) 4-Bromophenyl-phenylether	16.109	248	6845	4.011	ng	# 1
77) Benzidine	19.969	184	8821	3.092	ng	# 90

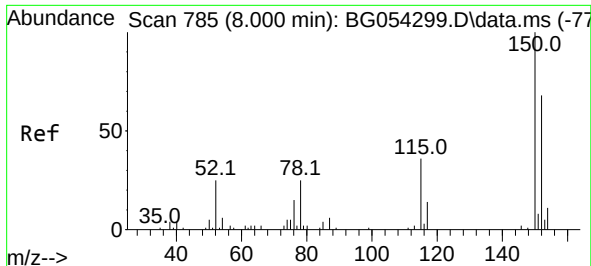
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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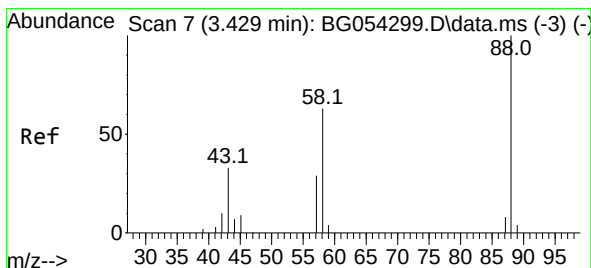
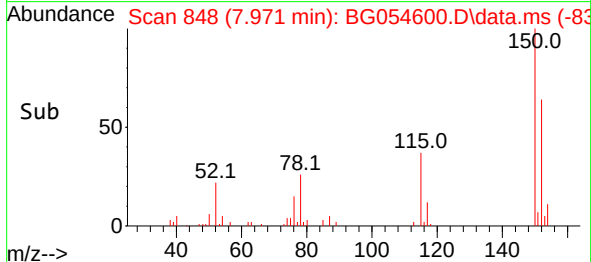
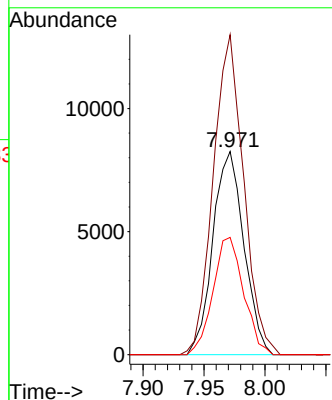
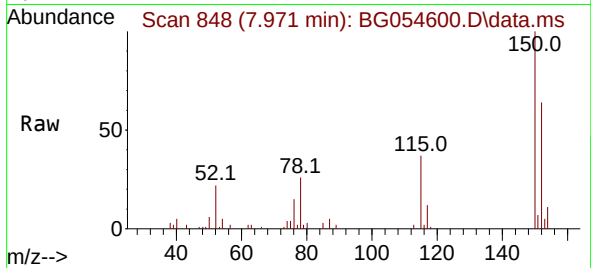




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.971 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054600.D
 Acq: 11 Aug 2022 11:42

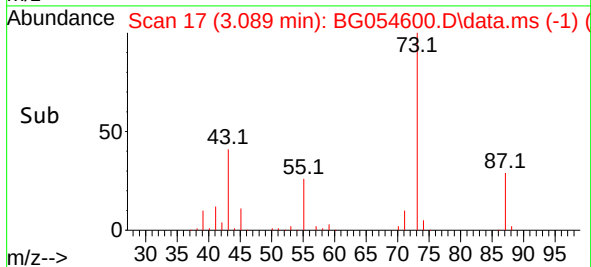
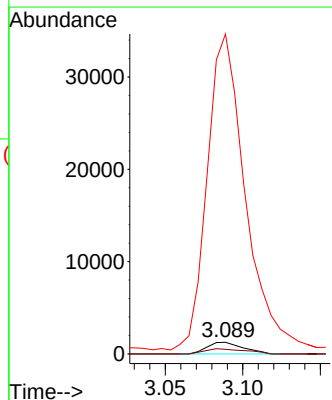
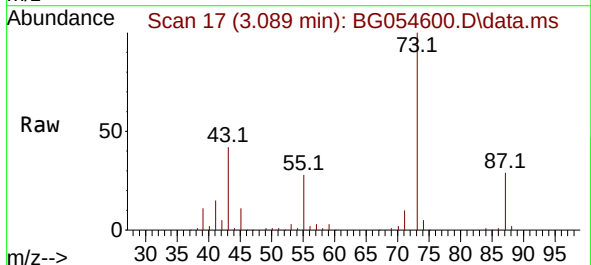
Instrument :
 BNA_G
 ClientSampleId :
 MW-20R

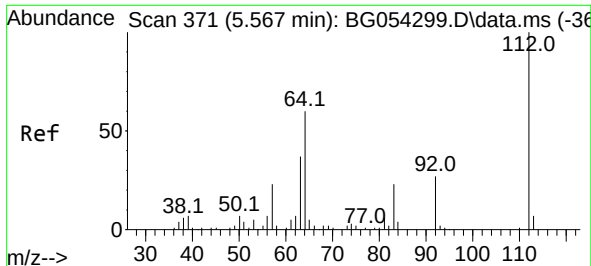
Tgt Ion:152 Resp: 14620
 Ion Ratio Lower Upper
 152 100
 150 157.4 131.6 197.4
 115 57.7 50.9 76.3



#2
 1,4-Dioxane
 Concen: 7.312 ng
 RT: 3.089 min Scan# 17
 Delta R.T. -0.307 min
 Lab File: BG054600.D
 Acq: 11 Aug 2022 11:42

Tgt Ion: 88 Resp: 2037
 Ion Ratio Lower Upper
 88 100
 58 50.7 59.2 88.8#
 43 2964.5 24.3 36.5#

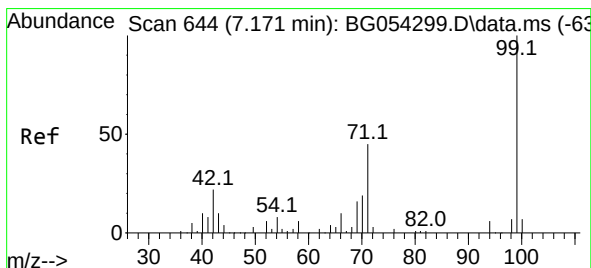
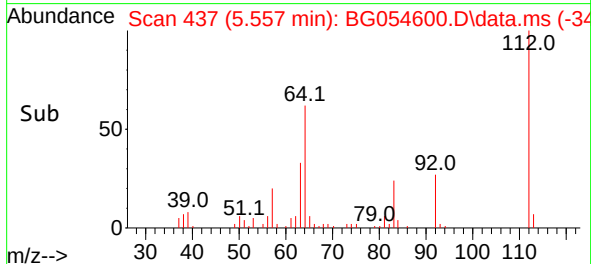
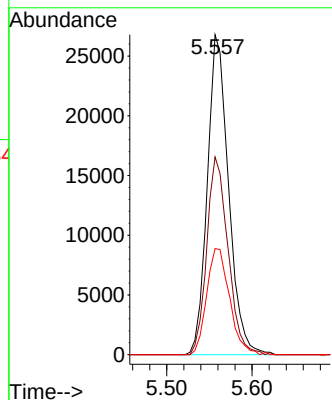
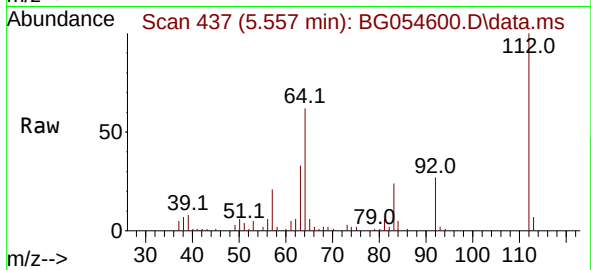




#5
2-Fluorophenol
Concen: 66.208 ng
RT: 5.557 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

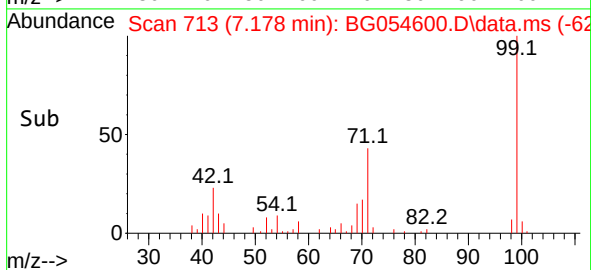
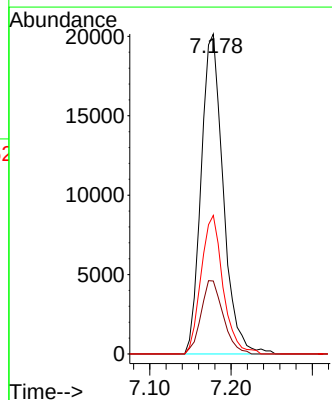
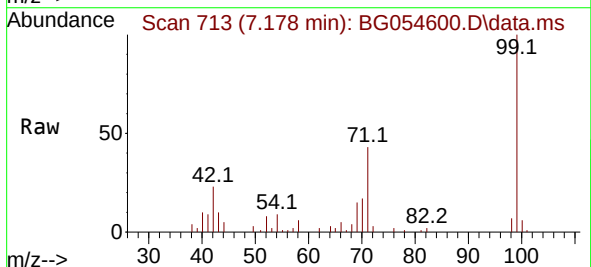
Instrument :
BNA_G
ClientSampleId :
MW-20R

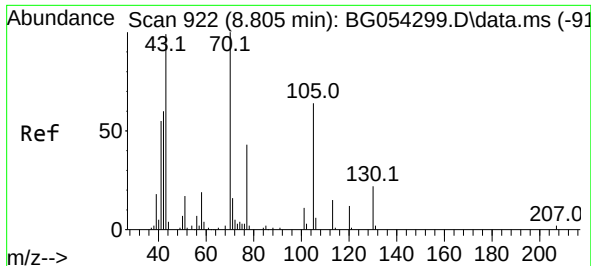
Tgt Ion:112 Resp: 46361
Ion Ratio Lower Upper
112 100
64 61.8 55.1 82.7
63 33.1 30.4 45.6



#7
Phenol-d6
Concen: 39.561 ng
RT: 7.178 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

Tgt Ion: 99 Resp: 37958
Ion Ratio Lower Upper
99 100
42 22.8 17.0 25.6
71 43.3 33.8 50.8

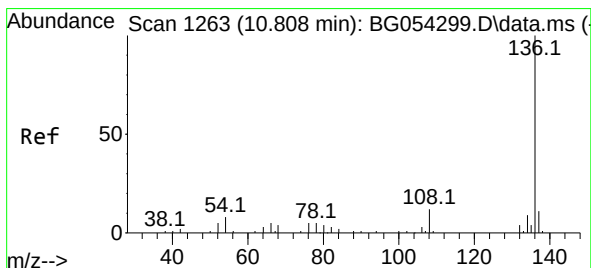
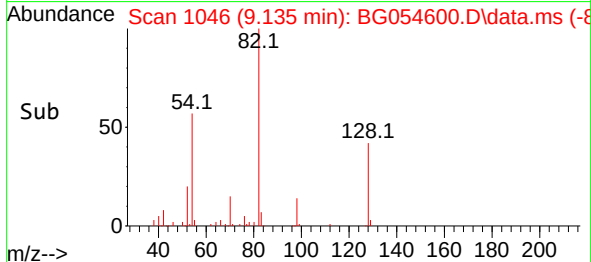
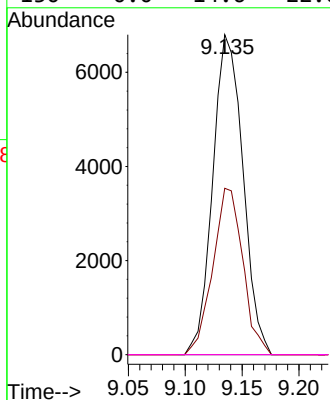
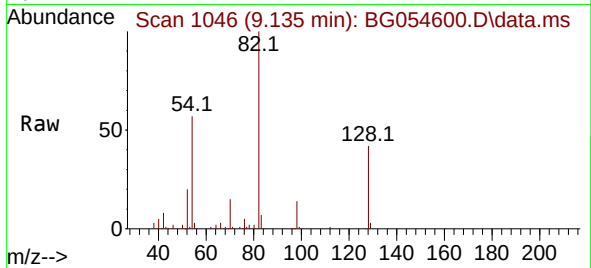




#19
n-Nitroso-di-n-propylamine
Concen: 19.607 ng
RT: 9.135 min Scan# 1046
Delta R.T. 0.352 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

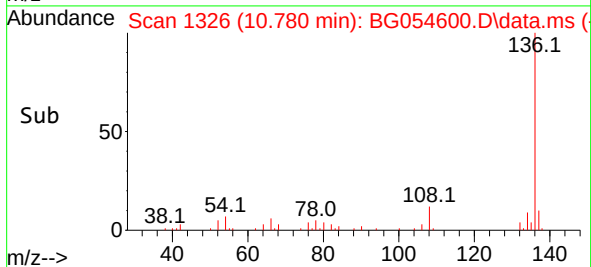
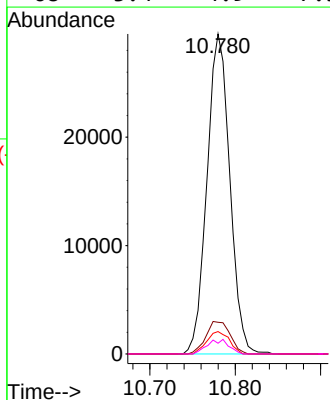
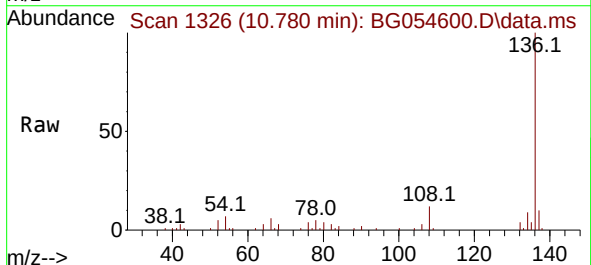
Instrument :
BNA_G
ClientSampleId :
MW-20R

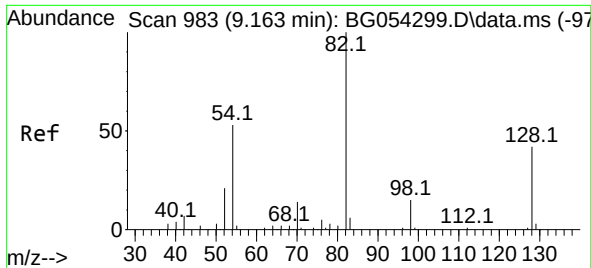
Tgt Ion:	70	Resp:	12563
Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1326
Delta R.T. -0.007 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

Tgt Ion:	136	Resp:	54929
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.5	12.7
54	7.0	7.4	11.2#
68	3.4	4.9	7.3#

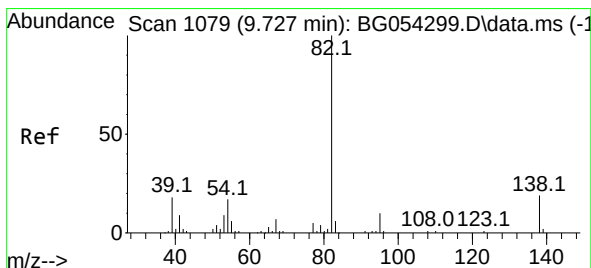
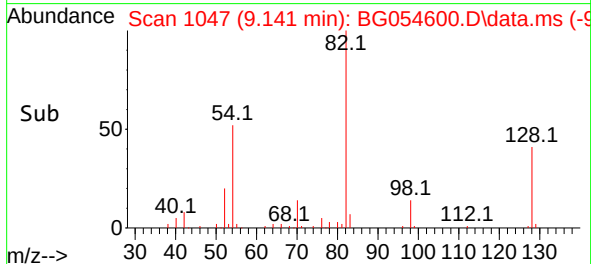
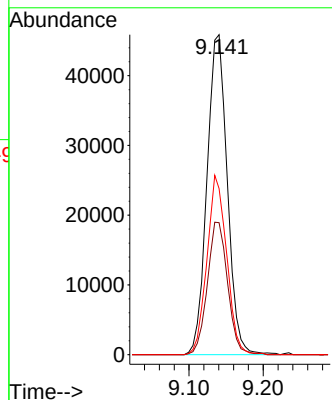
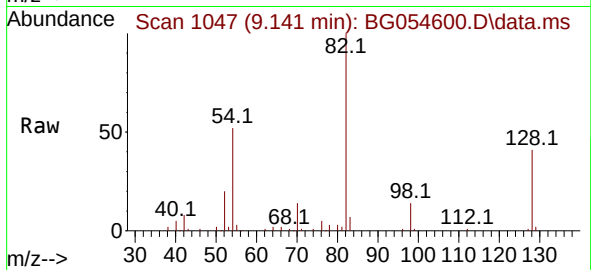




#23
Nitrobenzene-d5
Concen: 86.618 ng
RT: 9.141 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

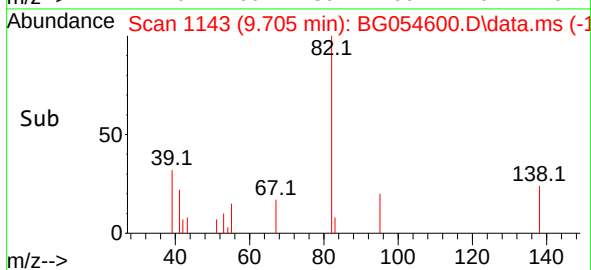
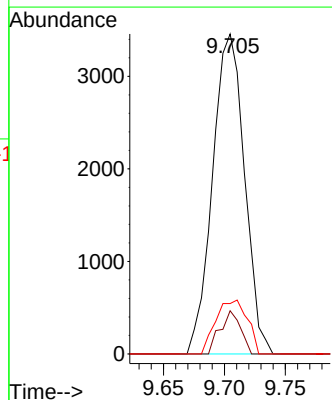
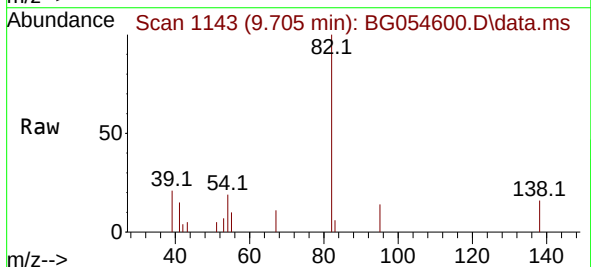
Instrument :
BNA_G
ClientSampleId :
MW-20R

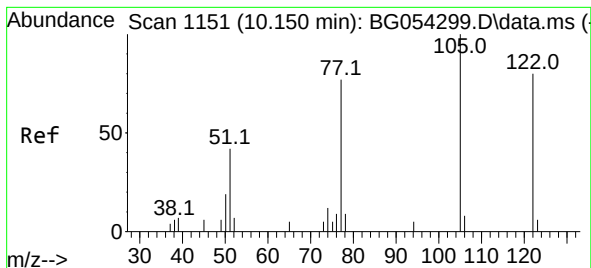
Tgt Ion: 82 Resp: 87369
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 51.9 41.2 61.8



#25
Isophorone
Concen: 3.592 ng
RT: 9.705 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

Tgt Ion: 82 Resp: 6302
Ion Ratio Lower Upper
82 100
95 13.5 6.2 9.4#
138 15.8 11.6 17.4





#32

Benzoic acid

Concen: 7.851 ng

RT: 10.298 min Scan# 1

Delta R.T. 0.152 min

Lab File: BG054600.D

Acq: 11 Aug 2022 11:42

Instrument :

BNA_G

ClientSampleId :

MW-20R

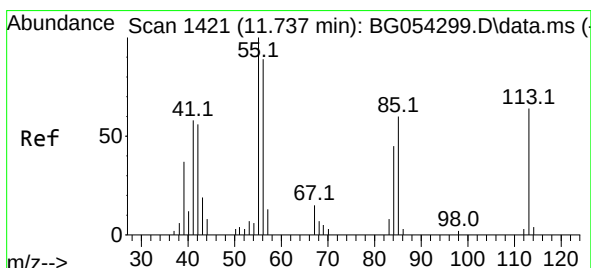
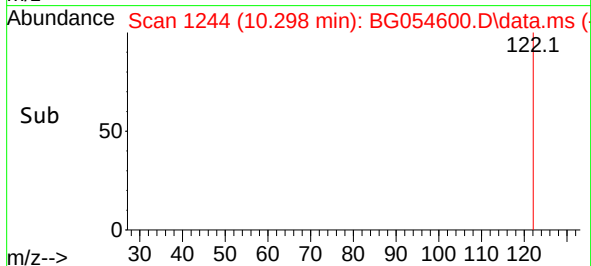
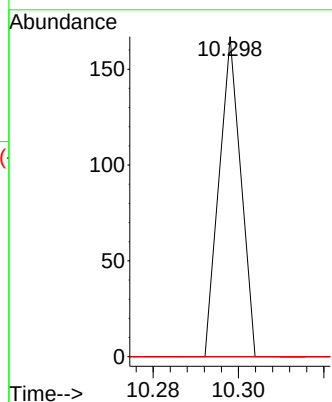
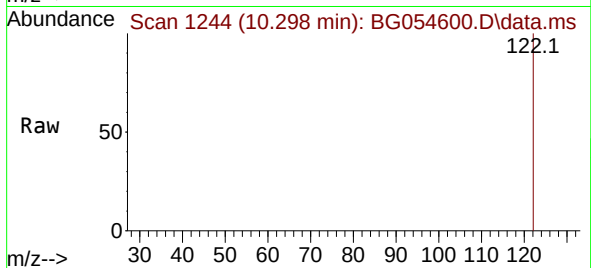
Tgt Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 0.0 111.8 151.8#

77 0.0 109.4 149.4#



#35

Caprolactam

Concen: 11.274 ng

RT: 11.720 min Scan# 1486

Delta R.T. -0.007 min

Lab File: BG054600.D

Acq: 11 Aug 2022 11:42

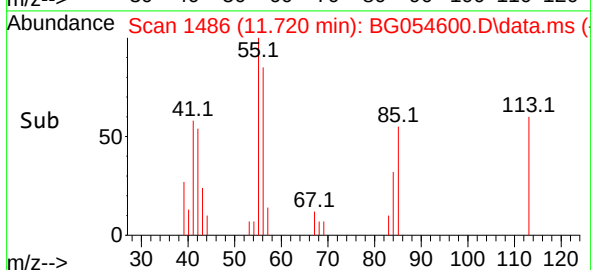
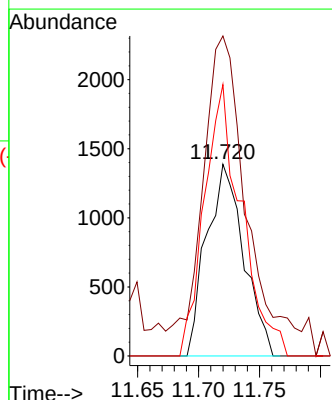
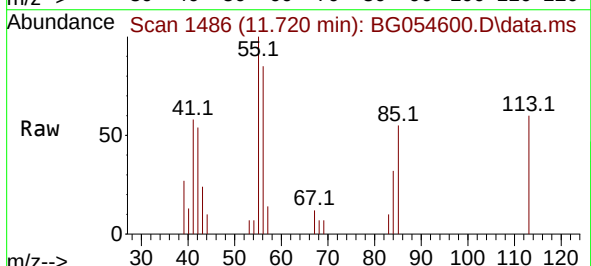
Tgt Ion:113 Resp: 2941

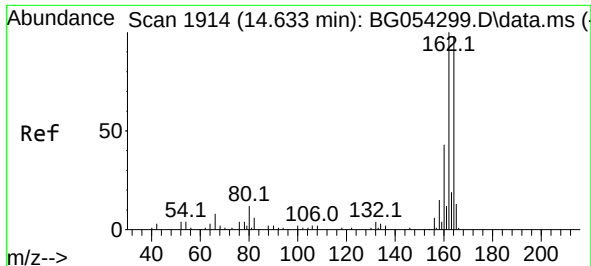
Ion Ratio Lower Upper

113 100

55 167.0 169.8 209.8#

56 141.6 141.2 181.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.611 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG054600.D

Acq: 11 Aug 2022 11:42

Instrument :

BNA_G

ClientSampleId :

MW-20R

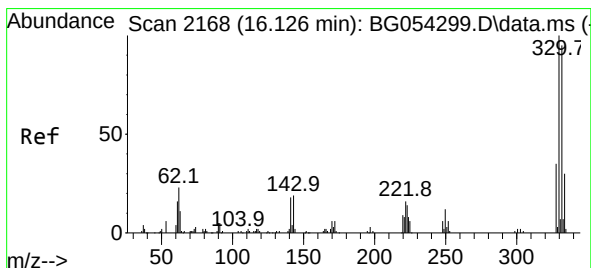
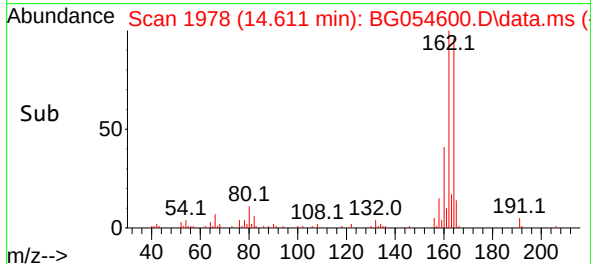
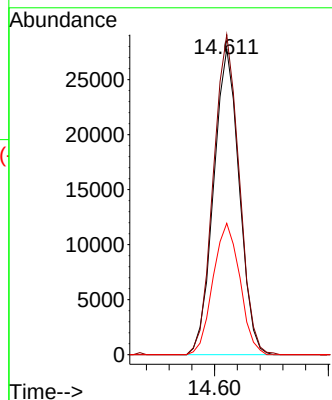
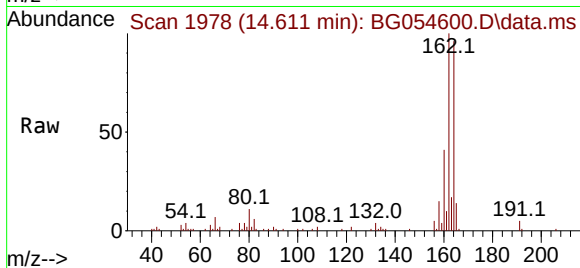
Tgt Ion:164 Resp: 43472

Ion Ratio Lower Upper

164 100

162 104.7 82.3 123.5

160 43.0 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 130.042 ng

RT: 16.109 min Scan# 2233

Delta R.T. -0.007 min

Lab File: BG054600.D

Acq: 11 Aug 2022 11:42

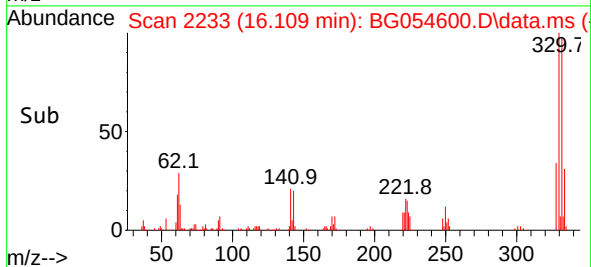
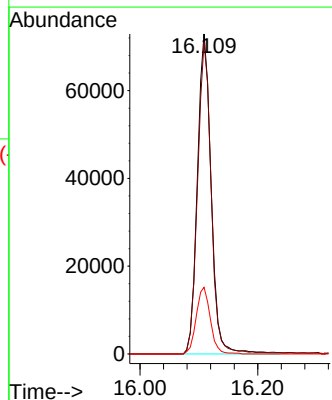
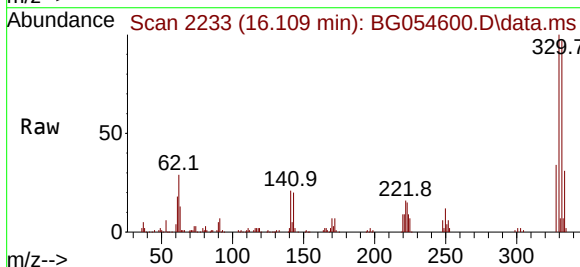
Tgt Ion:330 Resp: 118696

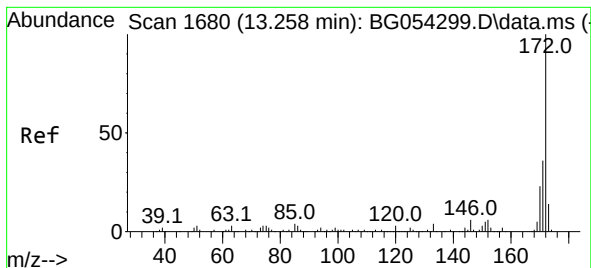
Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 21.2 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 82.992 ng

RT: 13.230 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG054600.D

Acq: 11 Aug 2022 11:42

Instrument :

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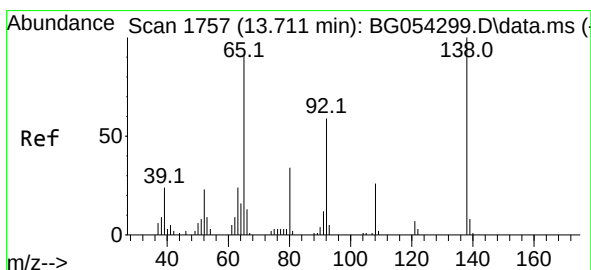
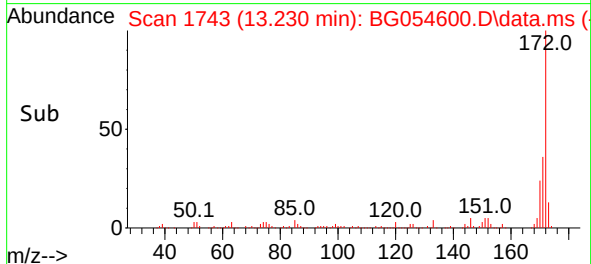
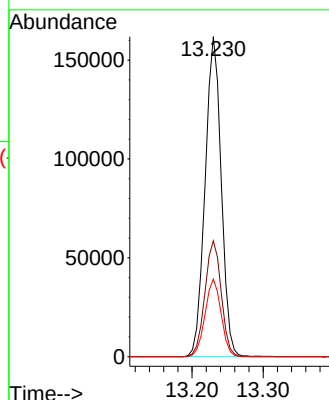
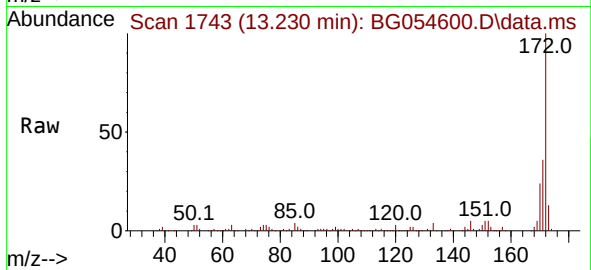
Tgt Ion:172 Resp: 255747

Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.3 18.9 28.3



#48

2-Nitroaniline

Concen: 7.490 ng

RT: 13.465 min Scan# 1783

Delta R.T. -0.236 min

Lab File: BG054600.D

Acq: 11 Aug 2022 11:42

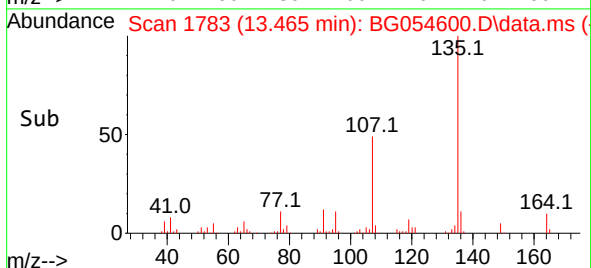
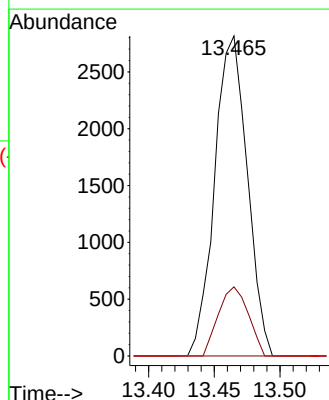
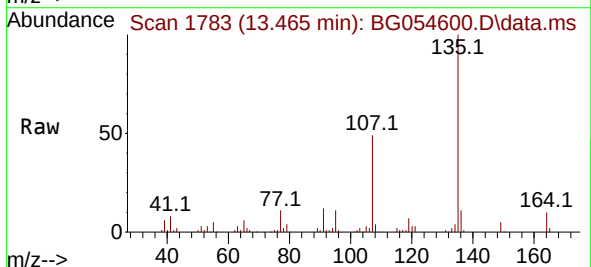
Tgt Ion: 65 Resp: 4865

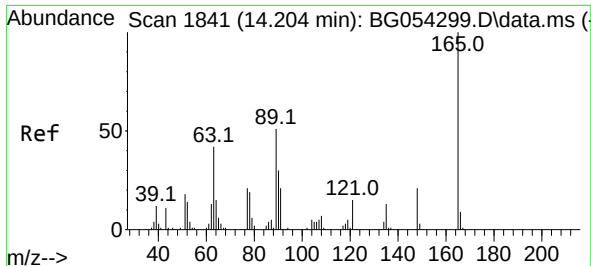
Ion Ratio Lower Upper

65 100

92 21.6 51.5 77.3#

138 0.0 71.3 106.9#

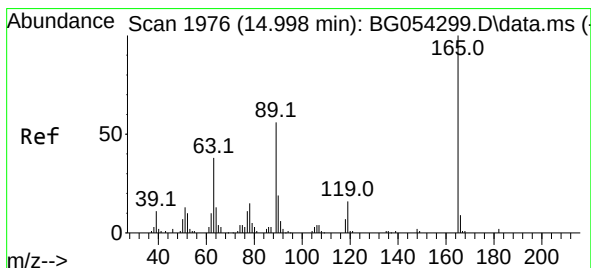
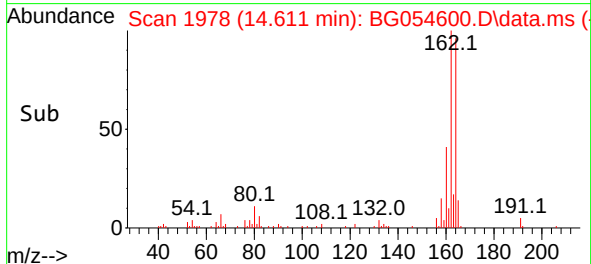
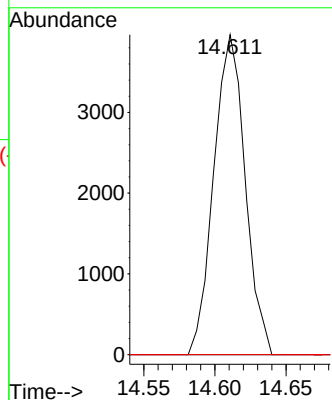
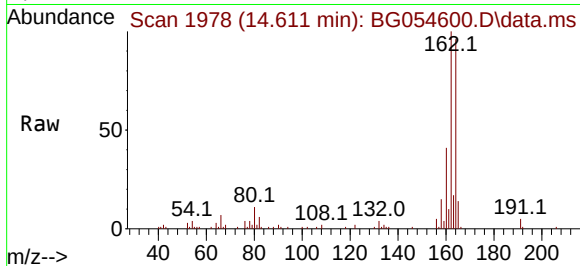




#51
2,6-Dinitrotoluene
Concen: 8.165 ng
RT: 14.611 min Scan# 1978
Delta R.T. 0.416 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

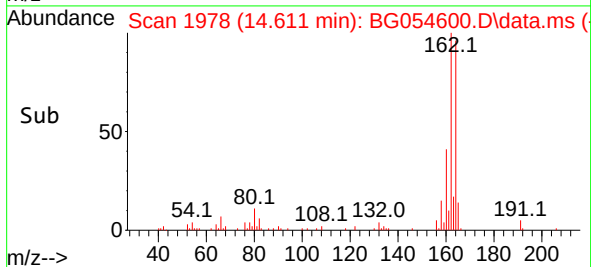
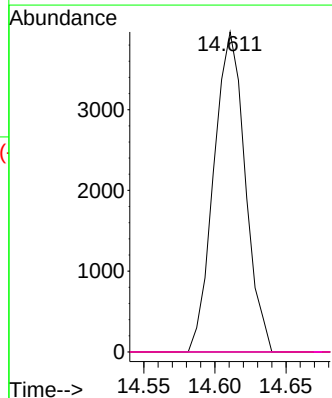
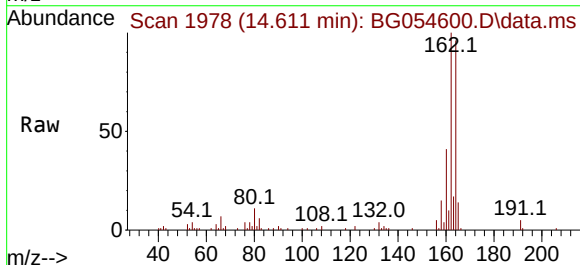
Instrument :
BNA_G
ClientSampleId :
MW-20R

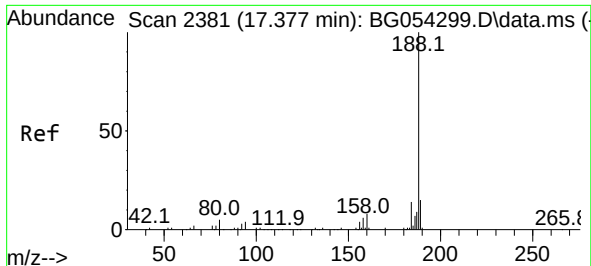
Tgt Ion:165 Resp: 6081
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.695 ng
RT: 14.611 min Scan# 1978
Delta R.T. -0.383 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

Tgt Ion:165 Resp: 6081
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#

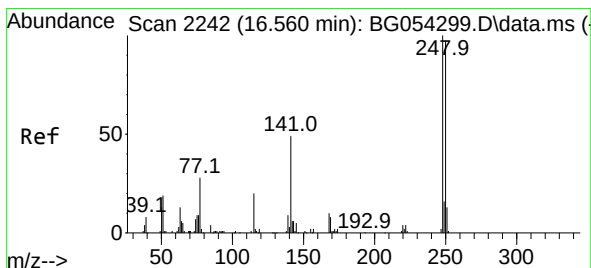
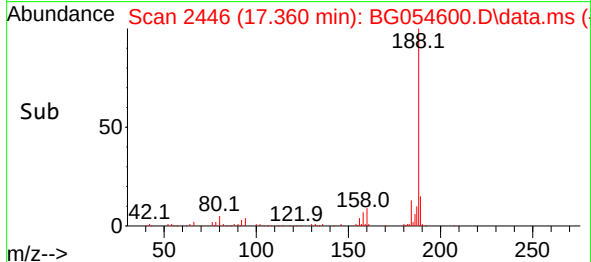
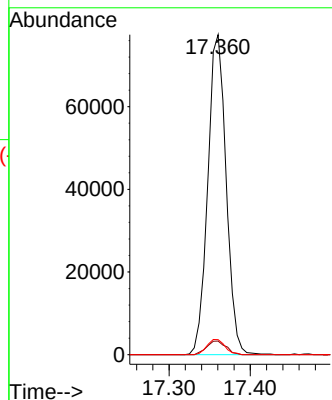
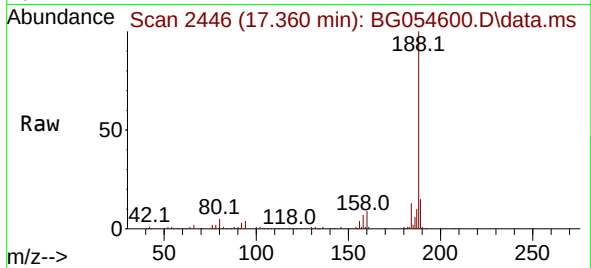




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

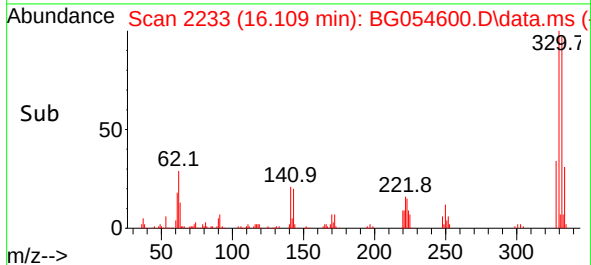
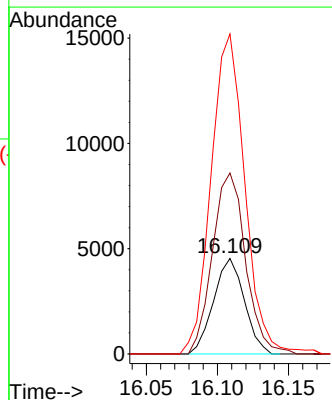
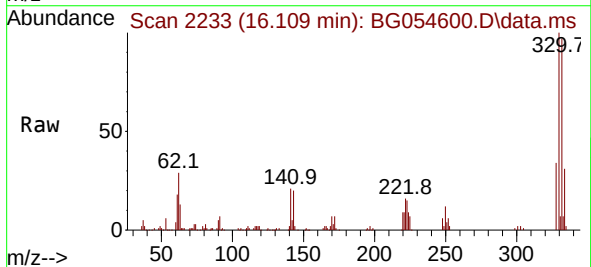
Instrument :
BNA_G
ClientSampleId :
MW-20R

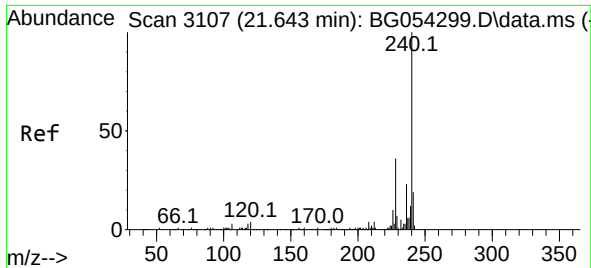
Tgt Ion:188 Resp: 121521
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.7 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.011 ng
RT: 16.109 min Scan# 2233
Delta R.T. -0.436 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

Tgt Ion:248 Resp: 6845
Ion Ratio Lower Upper
248 100
250 189.4 75.2 112.8#
141 334.9 50.0 75.0#

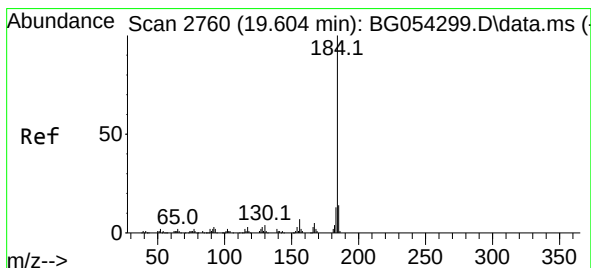
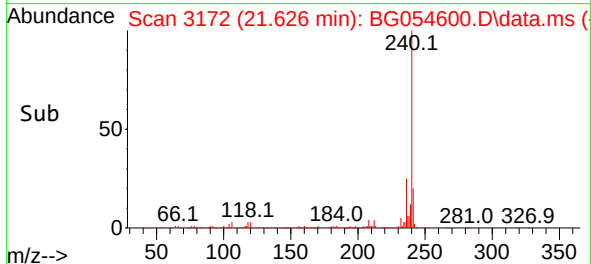
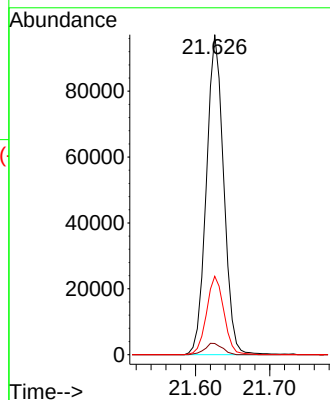
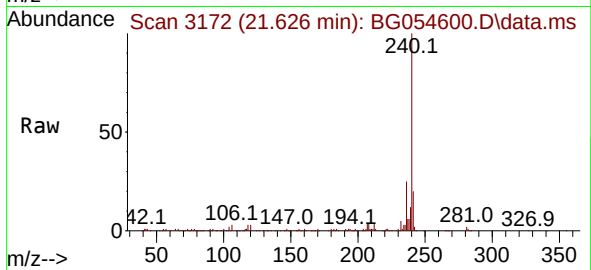




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.626 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

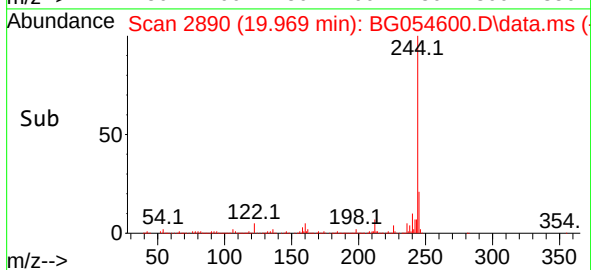
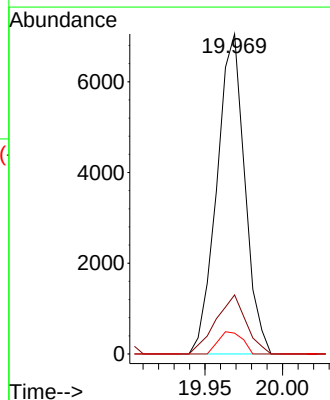
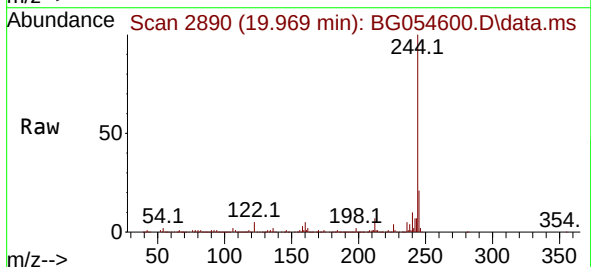
Instrument :
BNA_G
ClientSampleId :
MW-20R

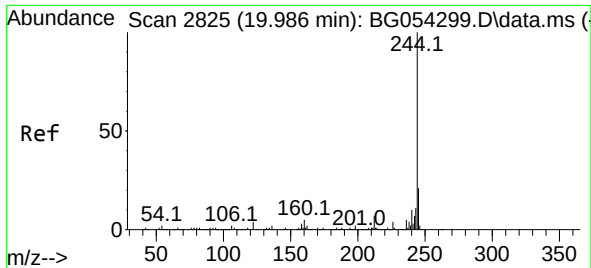
Tgt Ion:240 Resp: 157539
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.5 20.2 30.4



#77
Benzidine
Concen: 3.092 ng
RT: 19.969 min Scan# 2890
Delta R.T. 0.375 min
Lab File: BG054600.D
Acq: 11 Aug 2022 11:42

Tgt Ion:184 Resp: 8821
Ion Ratio Lower Upper
184 100
185 18.5 11.8 17.6#
183 6.5 8.9 13.3#

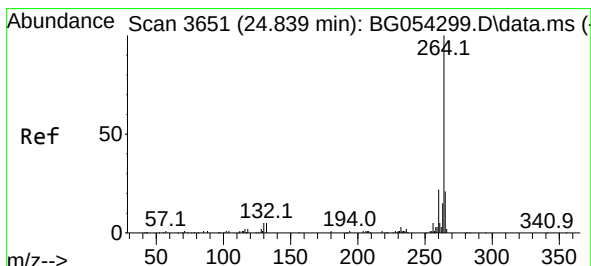
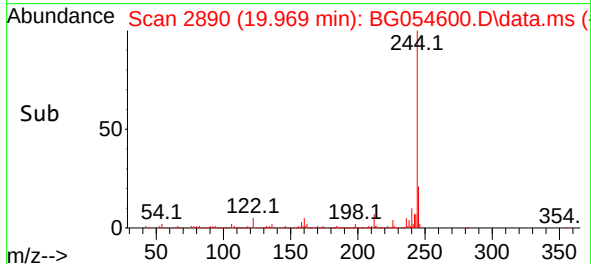
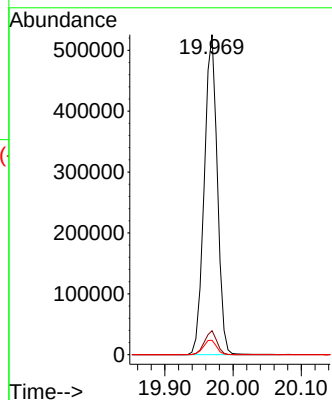
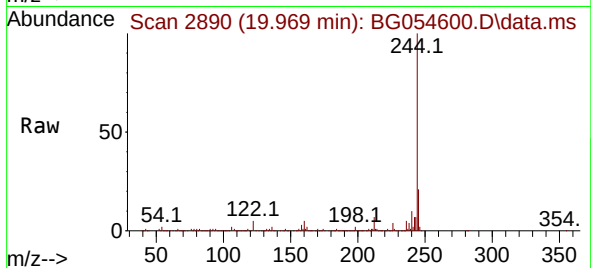




#79
 Terphenyl-d14
 Concen: 87.959 ng
 RT: 19.969 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054600.D
 Acq: 11 Aug 2022 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MW-20R

Tgt Ion:244 Resp: 698509
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 4.5 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.828 min Scan# 3717
 Delta R.T. -0.007 min
 Lab File: BG054600.D
 Acq: 11 Aug 2022 11:42

Tgt Ion:264 Resp: 164803
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.4 17.4 26.2

