

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054594.D
 Acq On : 10 Aug 2022 18:53
 Operator : CG/JU
 Sample : N3971-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GES-1

Quant Time: Aug 10 21:45:37 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)

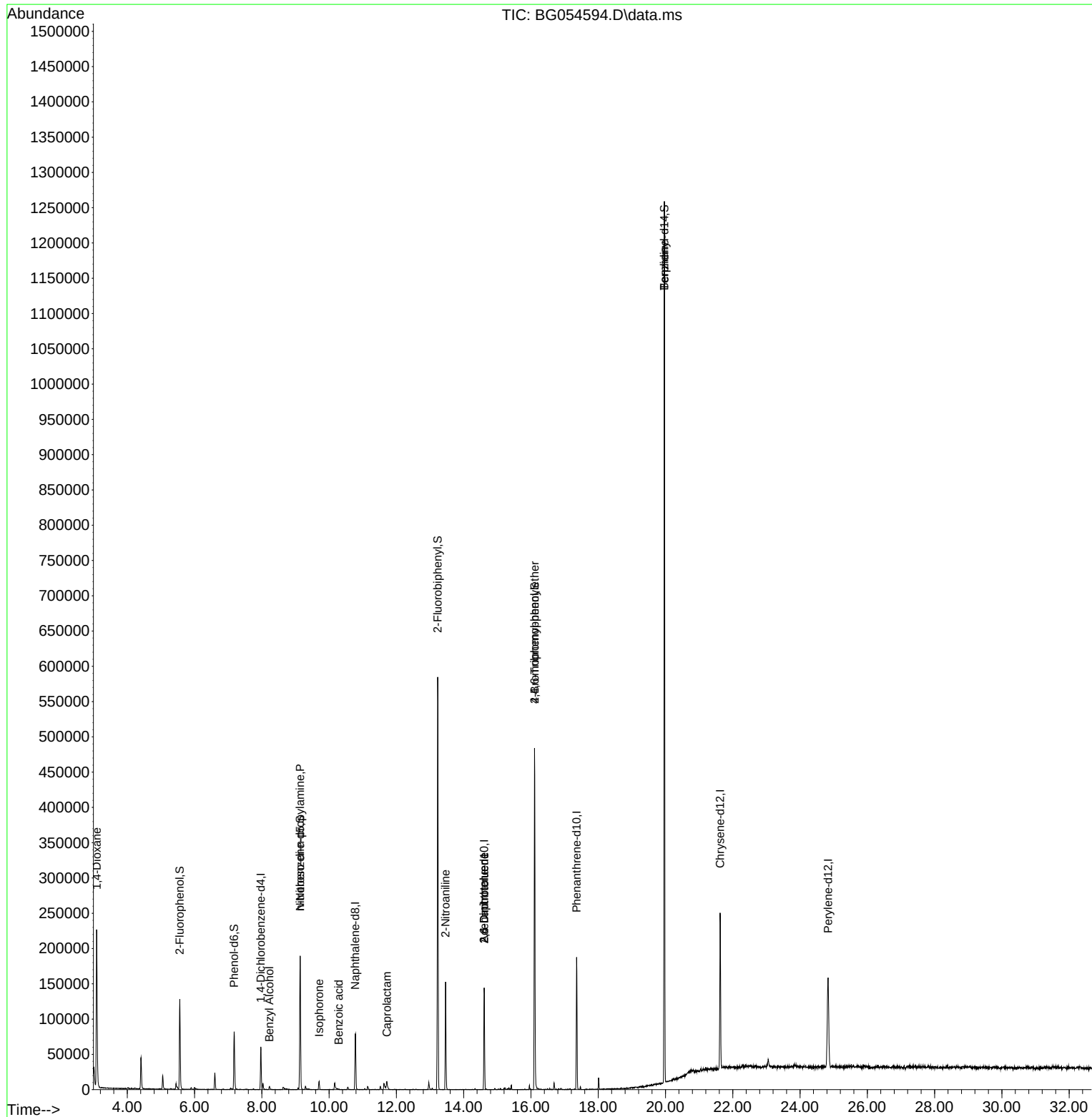
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	18985	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	73480	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	55565	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	137808	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	151745	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	161139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	60396	66.421	ng	0.00
7) Phenol-d6	7.177	99	49185	39.476	ng	0.00
23) Nitrobenzene-d5	9.140	82	116294	86.187	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	132803	113.832	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	332494	84.414	ng	0.00
79) Terphenyl-d14	19.968	244	707778	92.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.094	88	2652	7.331	ng	# 1
15) Benzyl Alcohol	8.223	79	2469	2.409	ng	# 88
19) n-Nitroso-di-n-propyla...	9.140	70	16420	19.735	ng	# 85
25) Isophorone	9.704	82	8682	3.700	ng	# 92
32) Benzoic acid	10.285	122	60	7.807	ng	# 1
35) Caprolactam	11.719	113	2385	6.834	ng	95
48) 2-Nitroaniline	13.464	65	4970	5.986	ng	# 21
51) 2,6-Dinitrotoluene	14.610	165	7766	8.158	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	7766	5.691	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	8429	4.355	ng	# 1
77) Benzidine	19.968	184	9162	3.334	ng	# 93

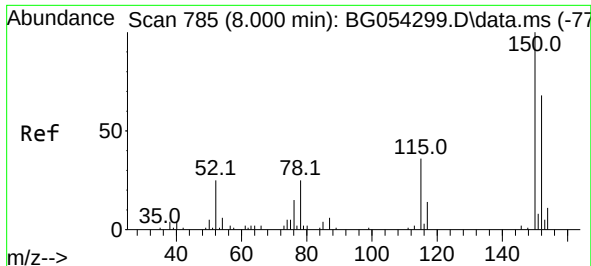
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
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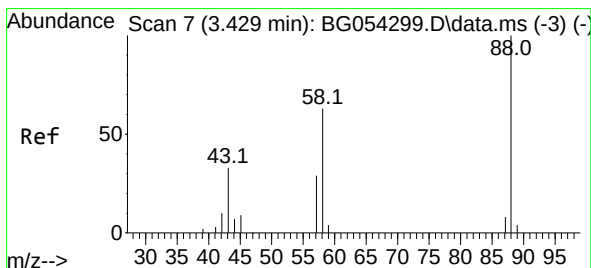
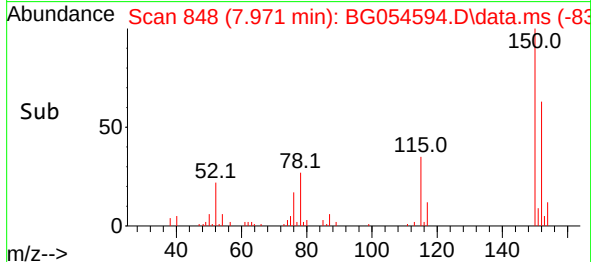
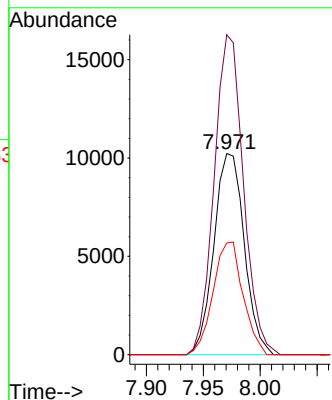
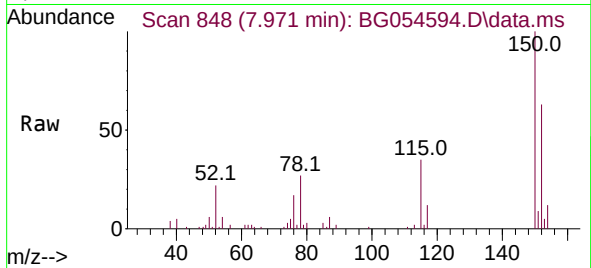




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.971 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054594.D
 Acq: 10 Aug 2022 18:53

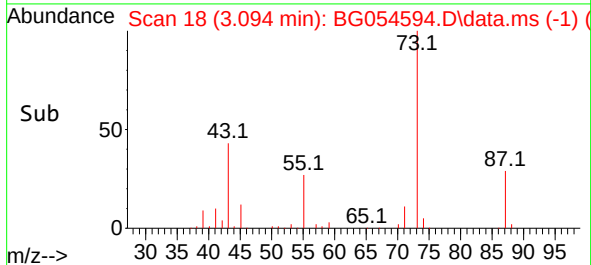
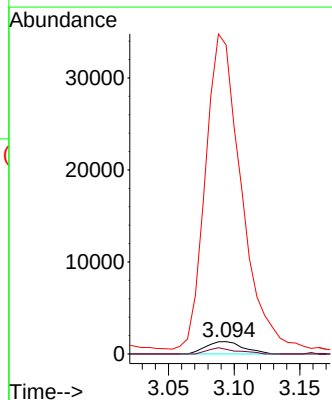
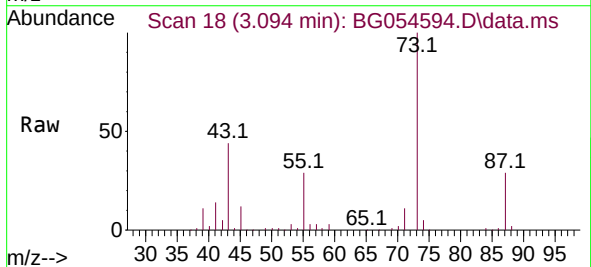
Instrument :
 BNA_G
 ClientSampleId :
 GES-1

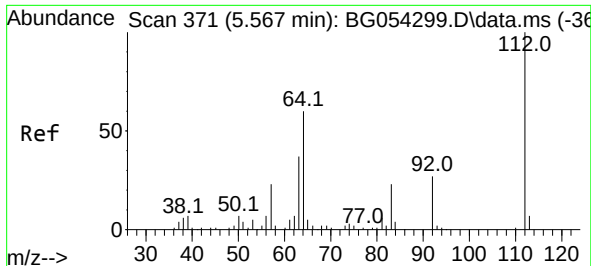
Tgt Ion:152 Resp: 18985
 Ion Ratio Lower Upper
 152 100
 150 159.1 131.6 197.4
 115 55.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 7.331 ng
 RT: 3.094 min Scan# 18
 Delta R.T. -0.301 min
 Lab File: BG054594.D
 Acq: 10 Aug 2022 18:53

Tgt Ion: 88 Resp: 2652
 Ion Ratio Lower Upper
 88 100
 58 38.7 59.2 88.8#
 43 2510.0 24.3 36.5#

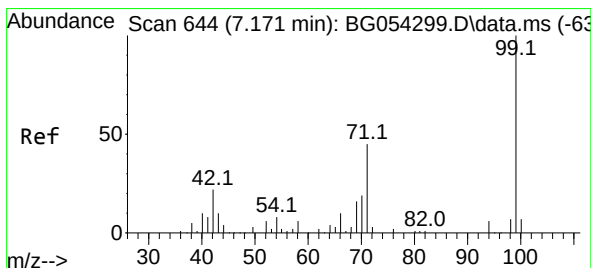
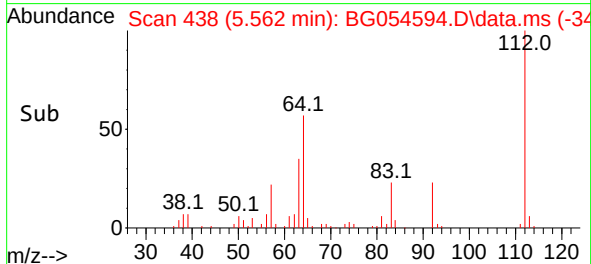
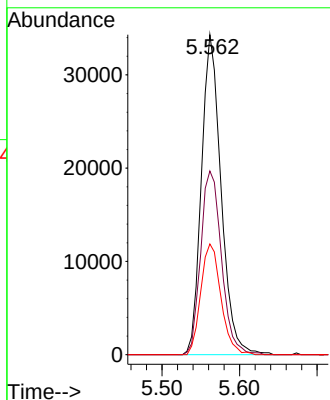
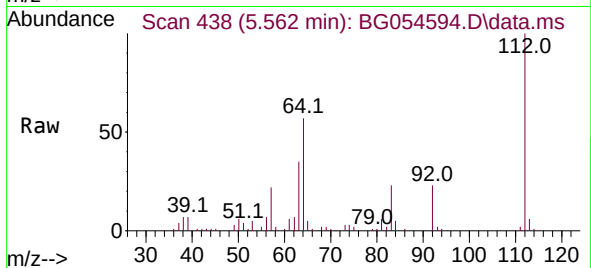




#5
2-Fluorophenol
Concen: 66.421 ng
RT: 5.562 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

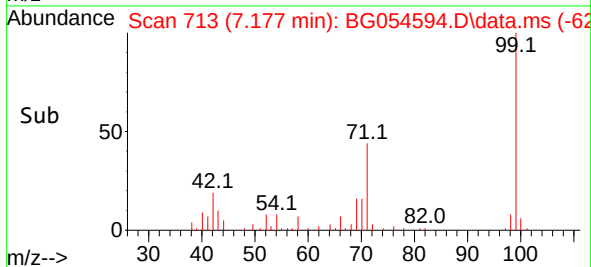
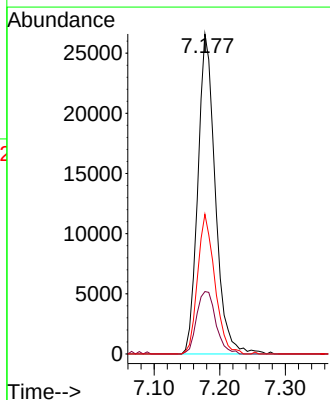
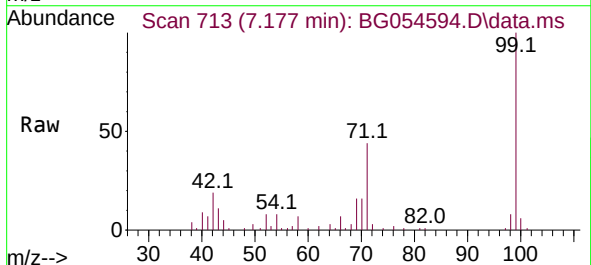
Instrument :
BNA_G
ClientSampleId :
GES-1

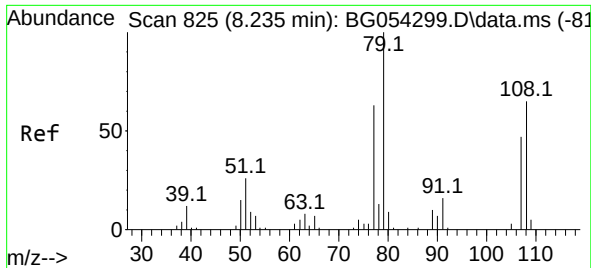
Tgt Ion:112 Resp: 60396
Ion Ratio Lower Upper
112 100
64 57.4 55.1 82.7
63 34.6 30.4 45.6



#7
Phenol-d6
Concen: 39.476 ng
RT: 7.177 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion: 99 Resp: 49185
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 43.7 33.8 50.8

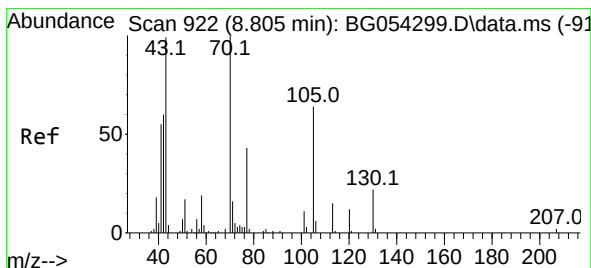
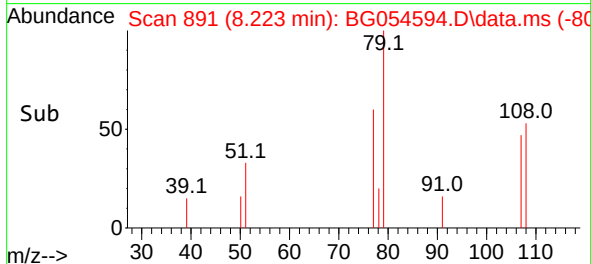
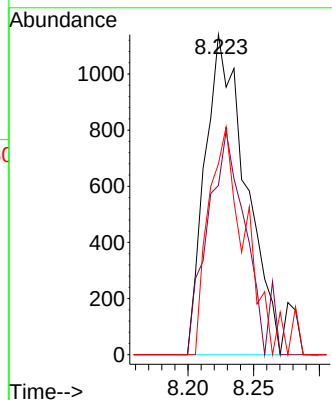
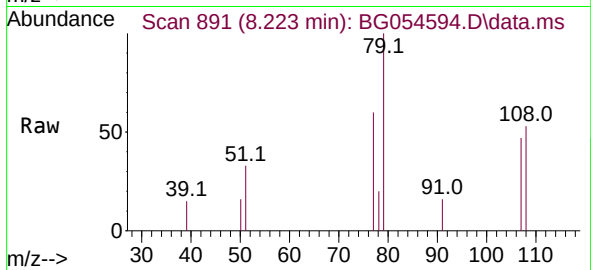




#15
Benzyl Alcohol
Concen: 2.409 ng
RT: 8.223 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

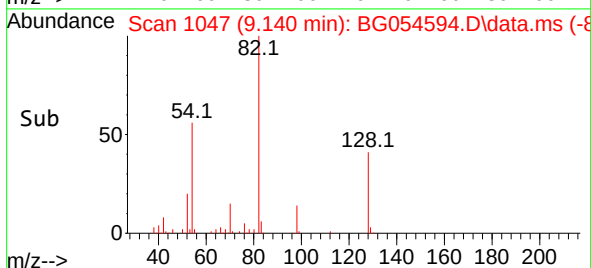
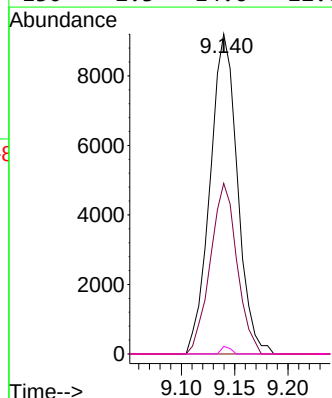
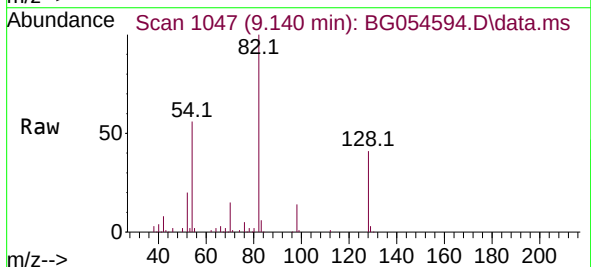
Instrument :
BNA_G
ClientSampleId :
GES-1

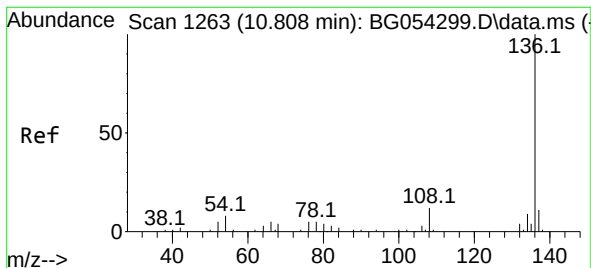
Tgt Ion: 79 Resp: 2469
Ion Ratio Lower Upper
79 100
108 52.9 53.7 80.5#
77 59.6 52.2 78.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.735 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.357 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion: 70 Resp: 16420
Ion Ratio Lower Upper
70 100
42 53.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.779 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG054594.D

Acq: 10 Aug 2022 18:53

Instrument :

BNA_G

ClientSampleId :

GES-1

Tgt Ion:136 Resp: 73480

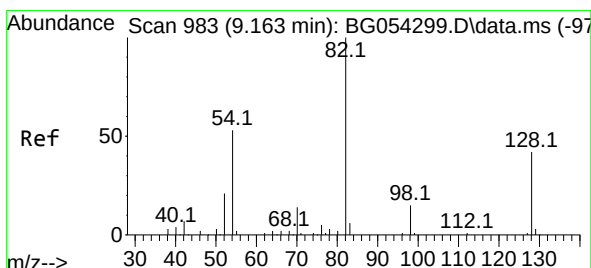
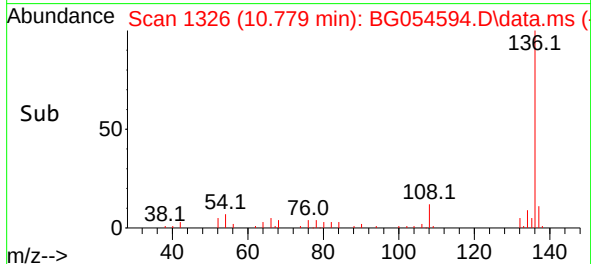
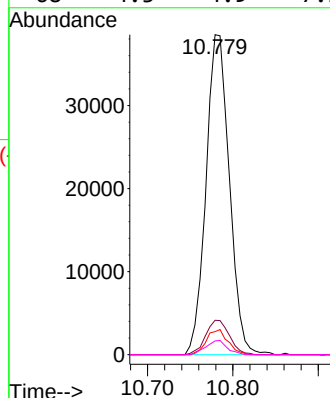
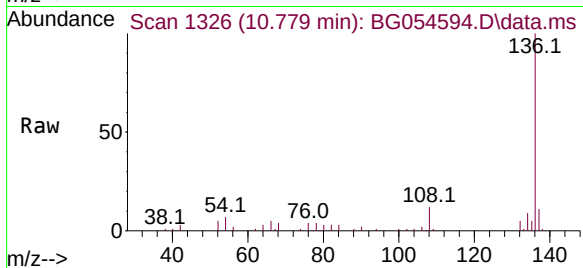
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 7.4 11.2#

68 4.3 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 86.187 ng

RT: 9.140 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG054594.D

Acq: 10 Aug 2022 18:53

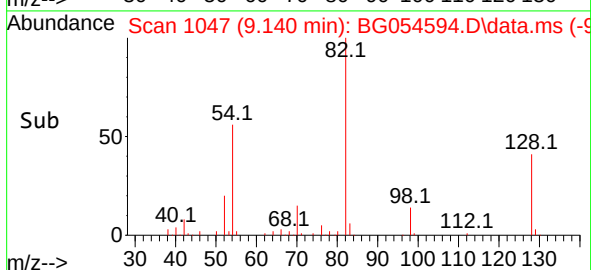
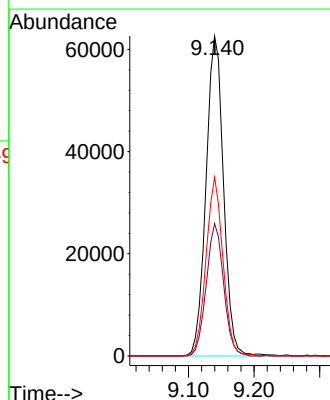
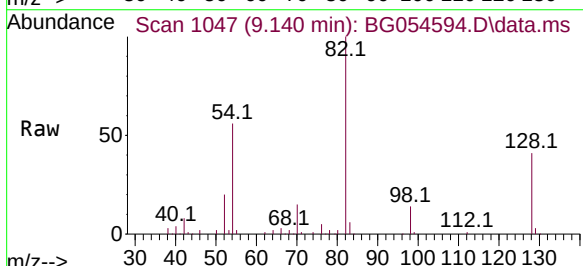
Tgt Ion: 82 Resp: 116294

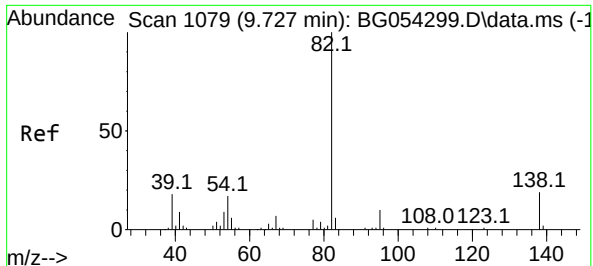
Ion Ratio Lower Upper

82 100

128 41.3 27.9 41.9

54 55.9 41.2 61.8

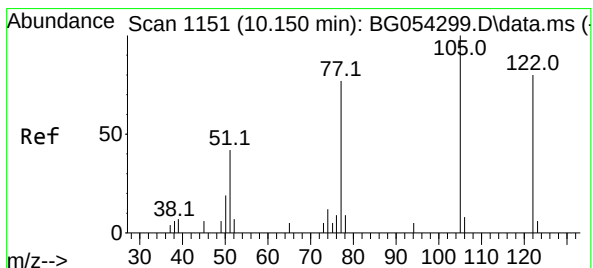
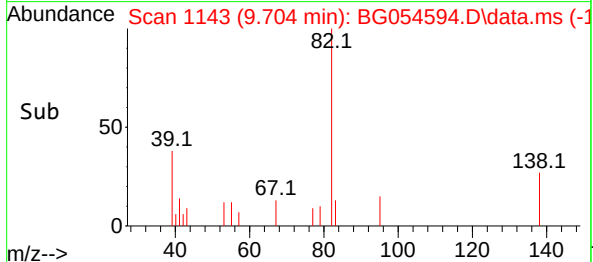
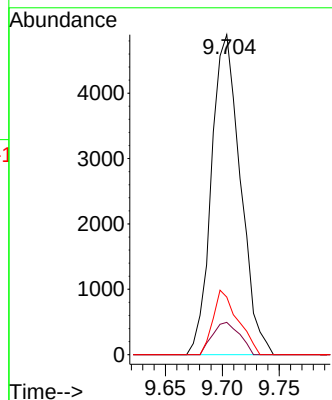
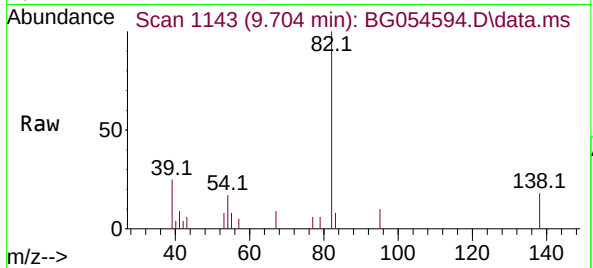




#25
Isophorone
Concen: 3.700 ng
RT: 9.704 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

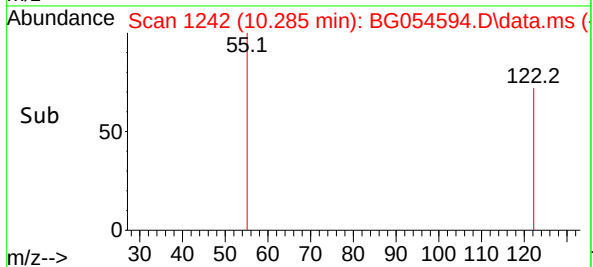
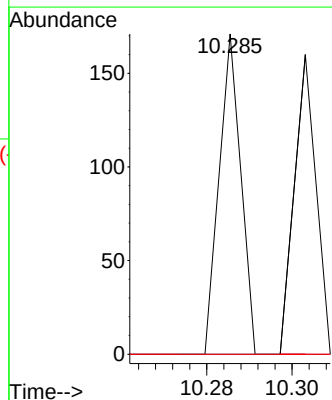
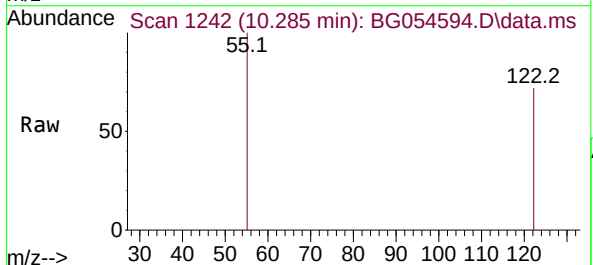
Instrument :
BNA_G
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GES-1

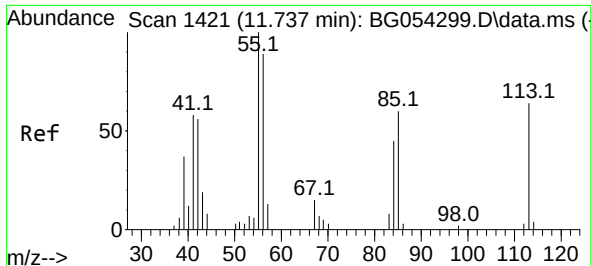
Tgt Ion: 82 Resp: 8682
Ion Ratio Lower Upper
82 100
95 10.1 6.2 9.4#
138 18.0 11.6 17.4#



#32
Benzoic acid
Concen: 7.807 ng
RT: 10.285 min Scan# 1242
Delta R.T. 0.139 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 0.0 109.4 149.4#

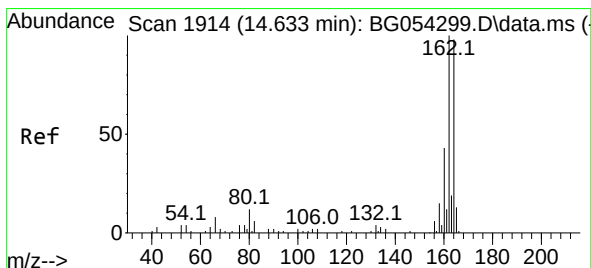
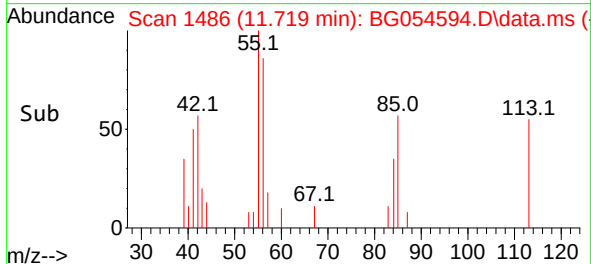
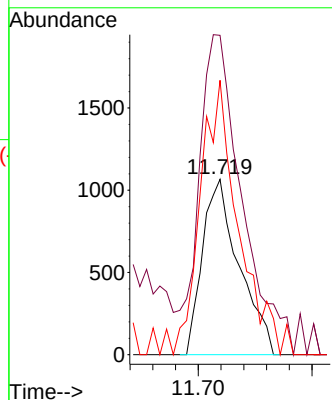
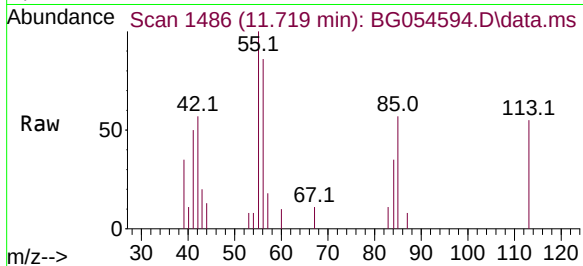




#35
 Caprolactam
 Concen: 6.834 ng
 RT: 11.719 min Scan# 1421
 Delta R.T. -0.008 min
 Lab File: BG054594.D
 Acq: 10 Aug 2022 18:53

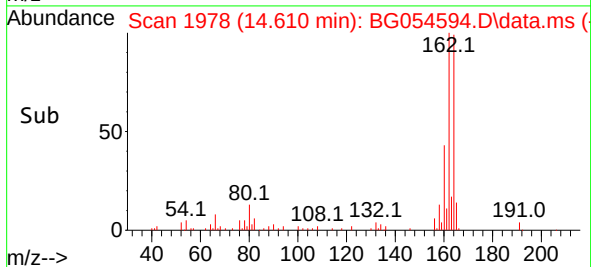
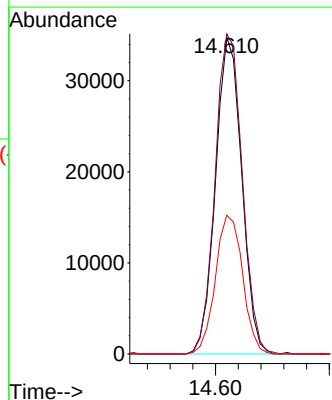
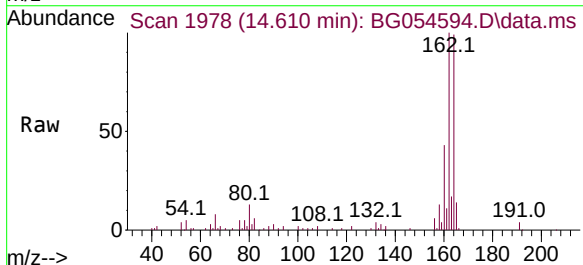
Instrument :
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 ClientSampleId :
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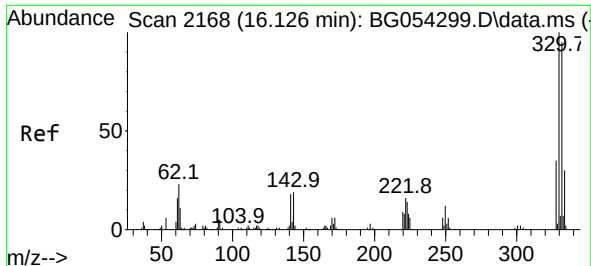
Tgt Ion:113 Resp: 2385
 Ion Ratio Lower Upper
 113 100
 55 182.0 169.8 209.8
 56 156.4 141.2 181.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.610 min Scan# 1978
 Delta R.T. -0.008 min
 Lab File: BG054594.D
 Acq: 10 Aug 2022 18:53

Tgt Ion:164 Resp: 55565
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.3 123.5
 160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 113.832 ng

RT: 16.108 min Scan# 2168

Delta R.T. -0.008 min

Lab File: BG054594.D

Acq: 10 Aug 2022 18:53

Instrument :

BNA_G

ClientSampleId :

GES-1

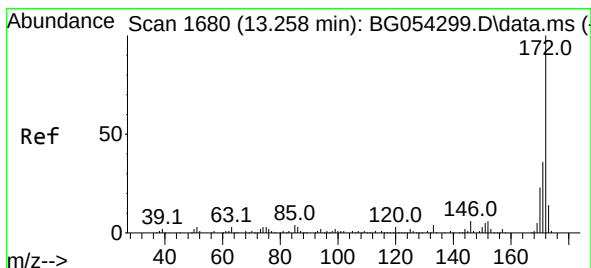
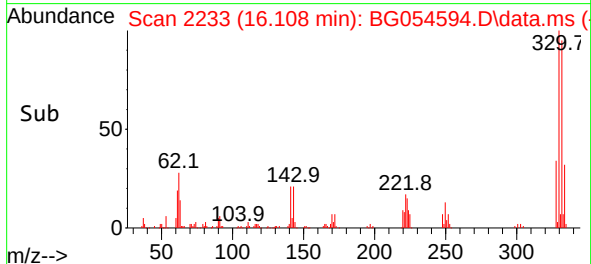
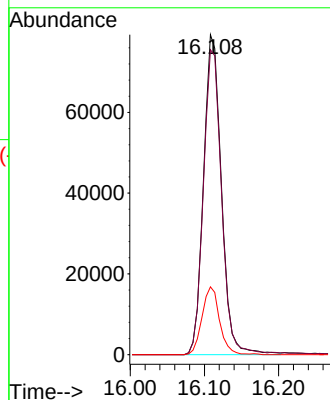
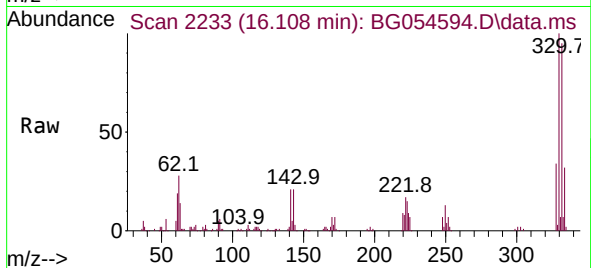
Tgt Ion:330 Resp: 132803

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 20.8 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 84.414 ng

RT: 13.229 min Scan# 1743

Delta R.T. -0.008 min

Lab File: BG054594.D

Acq: 10 Aug 2022 18:53

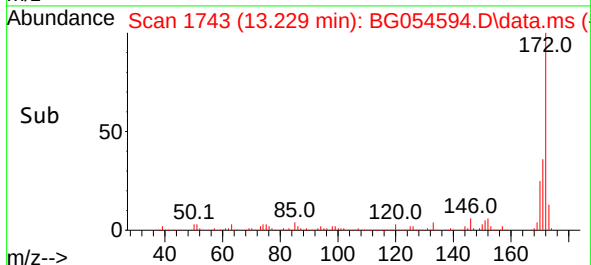
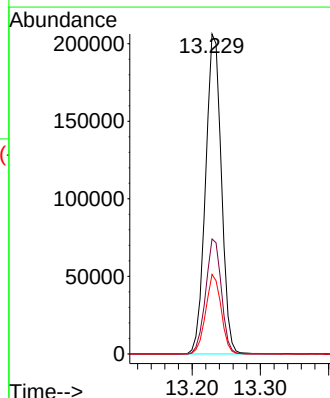
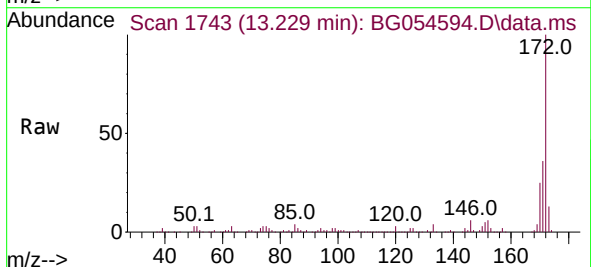
Tgt Ion:172 Resp: 332494

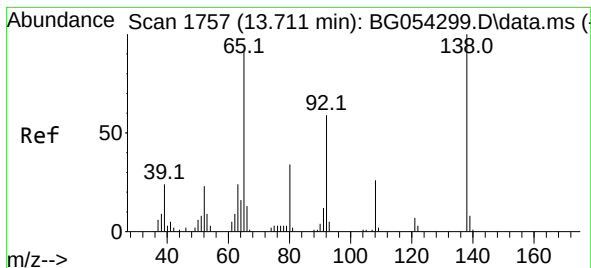
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.9 18.9 28.3





#48

2-Nitroaniline

Concen: 5.986 ng

RT: 13.464 min Scan# 1

Delta R.T. -0.237 min

Lab File: BG054594.D

Acq: 10 Aug 2022 18:53

Instrument :

BNA_G

ClientSampleId :

GES-1

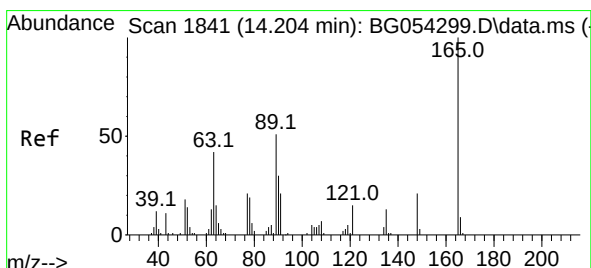
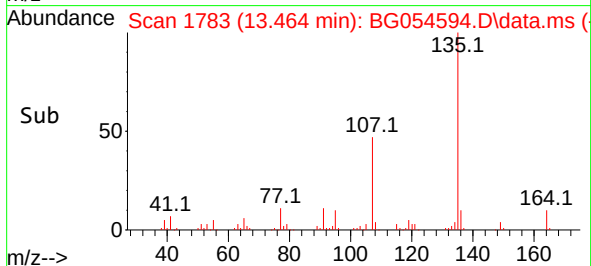
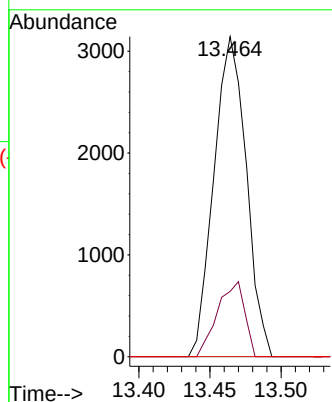
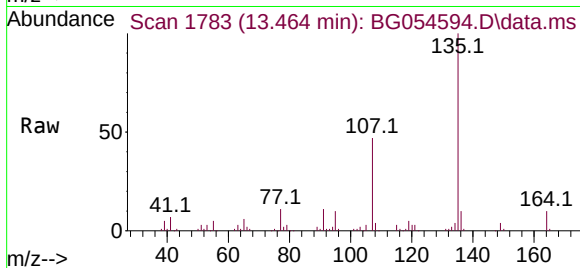
Tgt Ion: 65 Resp: 4970

Ion Ratio Lower Upper

65 100

92 20.4 51.5 77.3#

138 0.0 71.3 106.9#



#51

2,6-Dinitrotoluene

Concen: 8.158 ng

RT: 14.610 min Scan# 1978

Delta R.T. 0.415 min

Lab File: BG054594.D

Acq: 10 Aug 2022 18:53

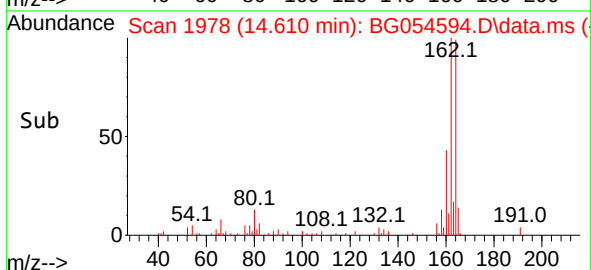
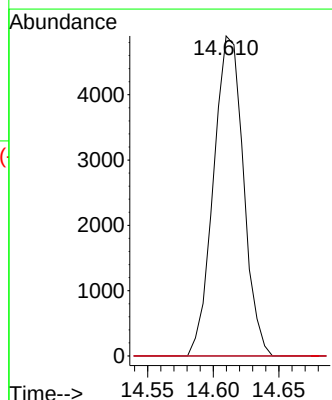
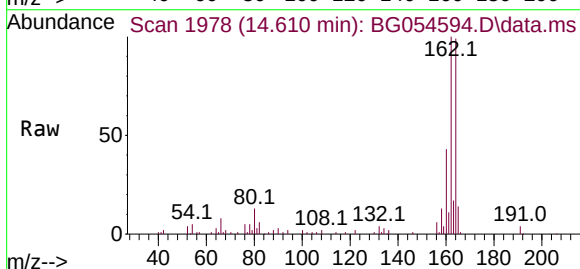
Tgt Ion:165 Resp: 7766

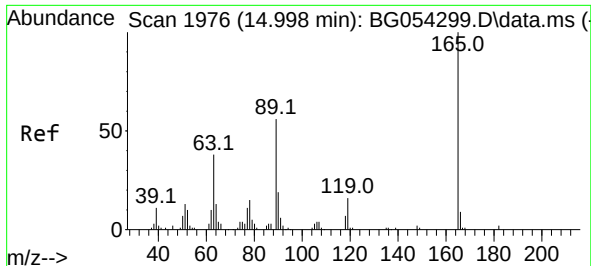
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

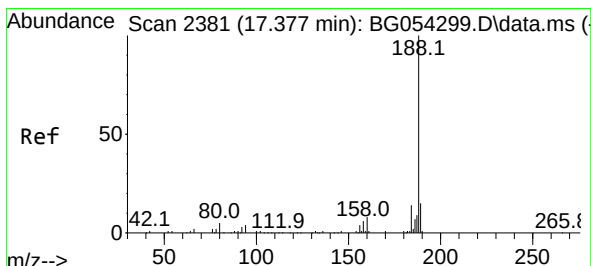
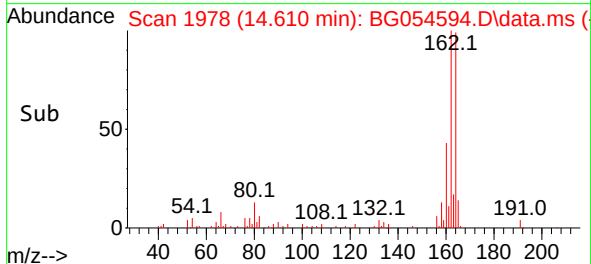
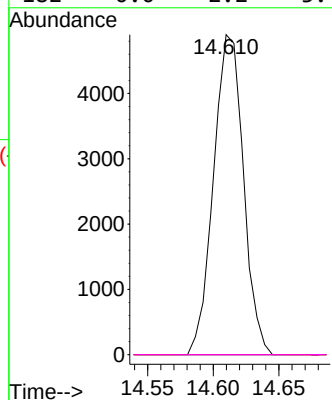
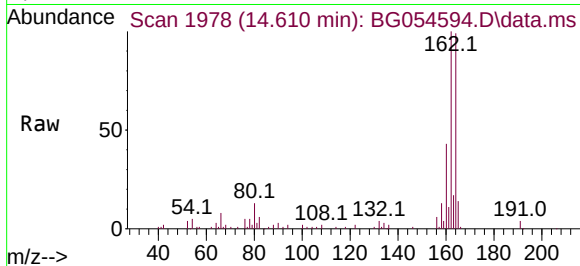




#57
2,4-Dinitrotoluene
Concen: 5.691 ng
RT: 14.610 min Scan# 14
Delta R.T. -0.384 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

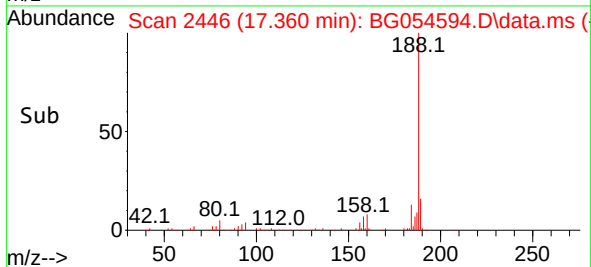
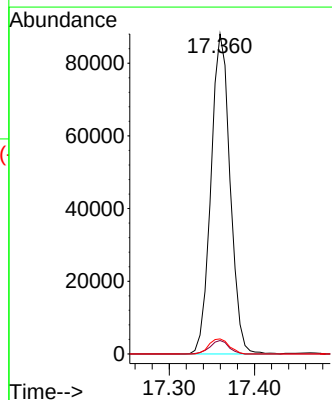
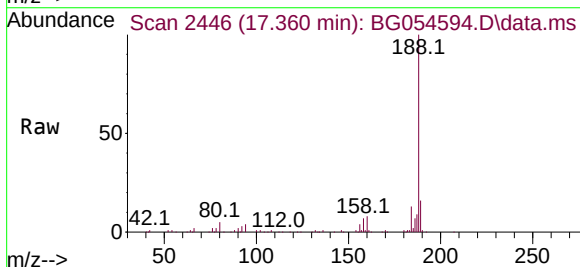
Instrument :
BNA_G
ClientSampleId :
GES-1

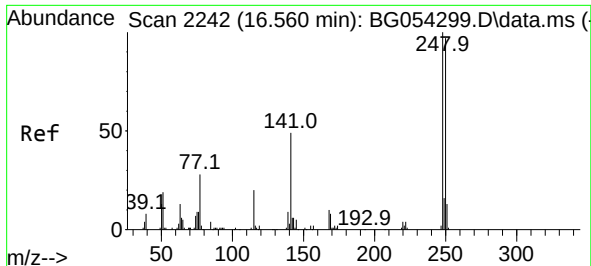
Tgt Ion:165 Resp: 7766
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:188 Resp: 137808
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#

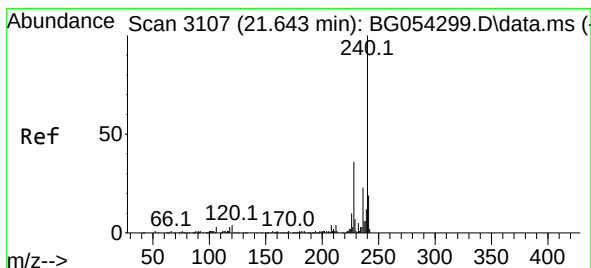
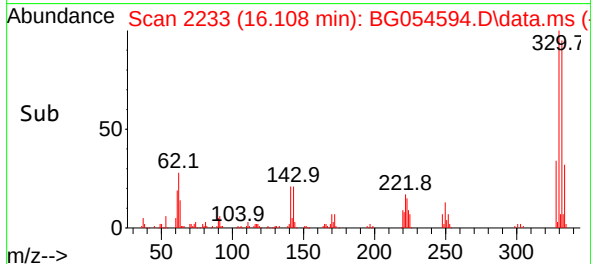
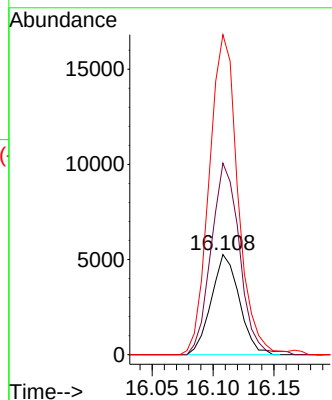
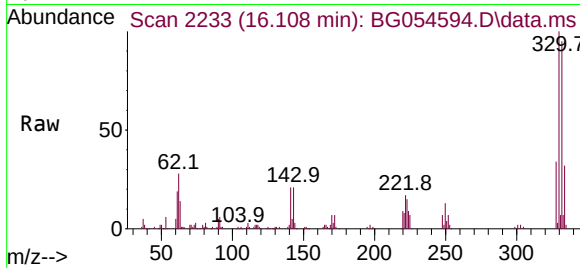




#67
4-Bromophenyl-phenylether
Concen: 4.355 ng
RT: 16.108 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

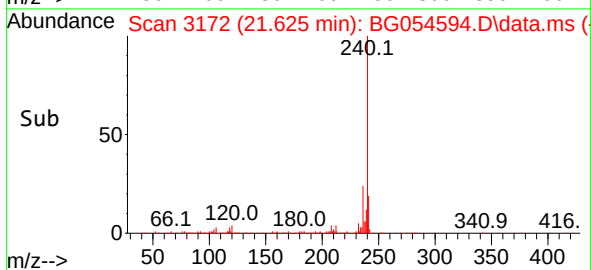
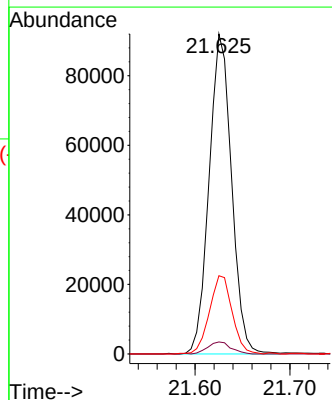
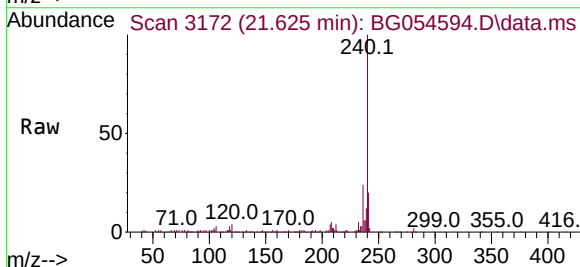
Instrument :
BNA_G
ClientSampleId :
GES-1

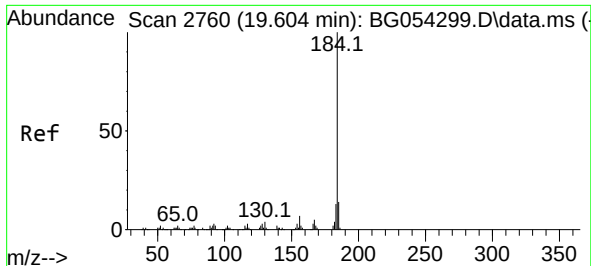
Tgt Ion:248 Resp: 8429
Ion Ratio Lower Upper
248 100
250 248.9 75.2 112.8#
141 319.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:240 Resp: 151745
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.4 20.2 30.4

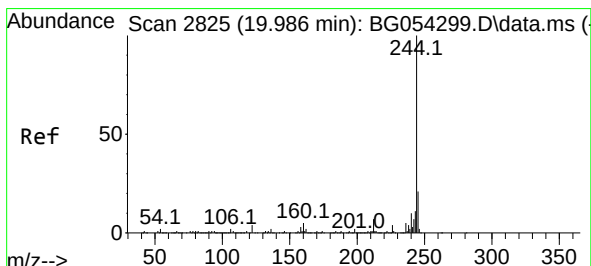
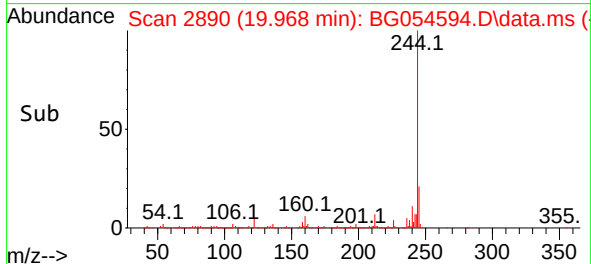
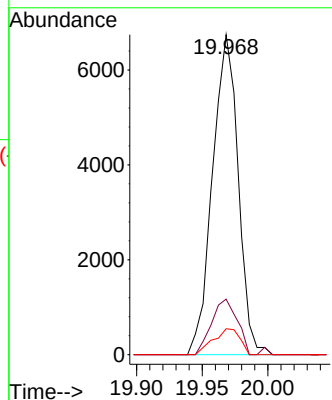
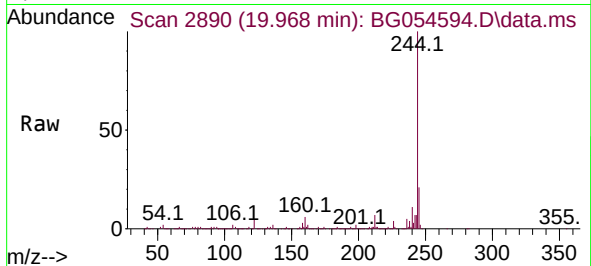




#77
Benzidine
Concen: 3.334 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.374 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

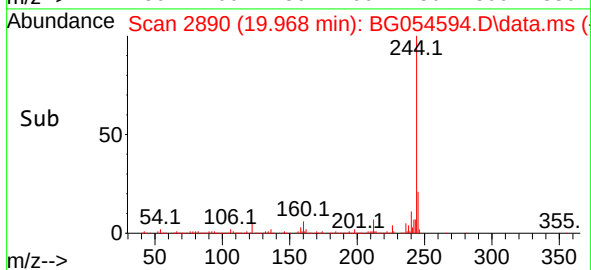
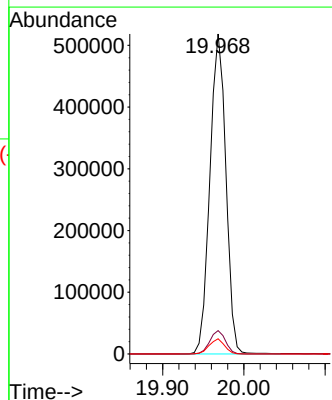
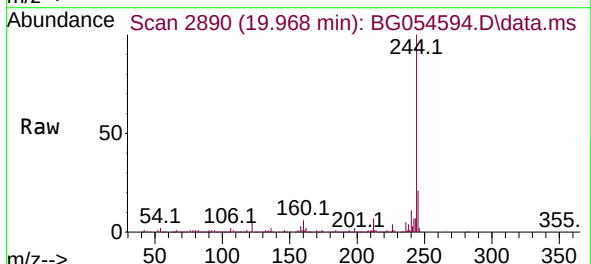
Instrument :
BNA_G
ClientSampleId :
GES-1

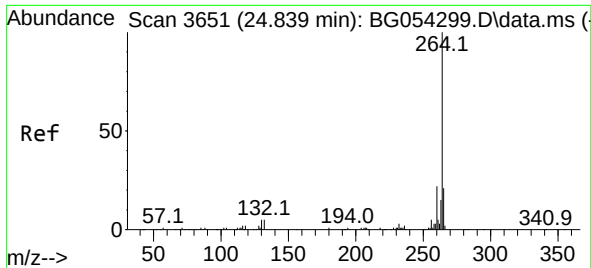
Tgt Ion:184 Resp: 9162
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 8.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 92.530 ng
RT: 19.968 min Scan# 2890
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:244 Resp: 707778
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.8 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.833 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG054594.D

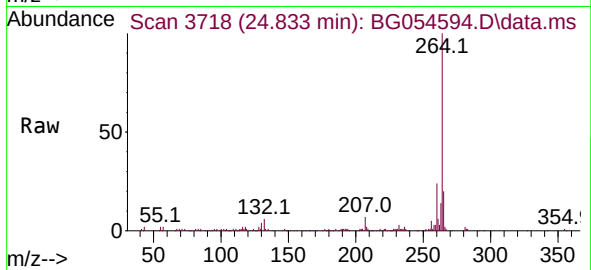
Acq: 10 Aug 2022 18:53

Instrument :

BNA_G

ClientSampleId :

GES-1



Tgt Ion:264 Resp: 161139

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 20.5 17.4 26.2

