

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053350.D
 Acq On : 27 Apr 2022 16:48
 Operator : CG/JU
 Sample : N2481-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GES-2R

Quant Time: Apr 28 06:41:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

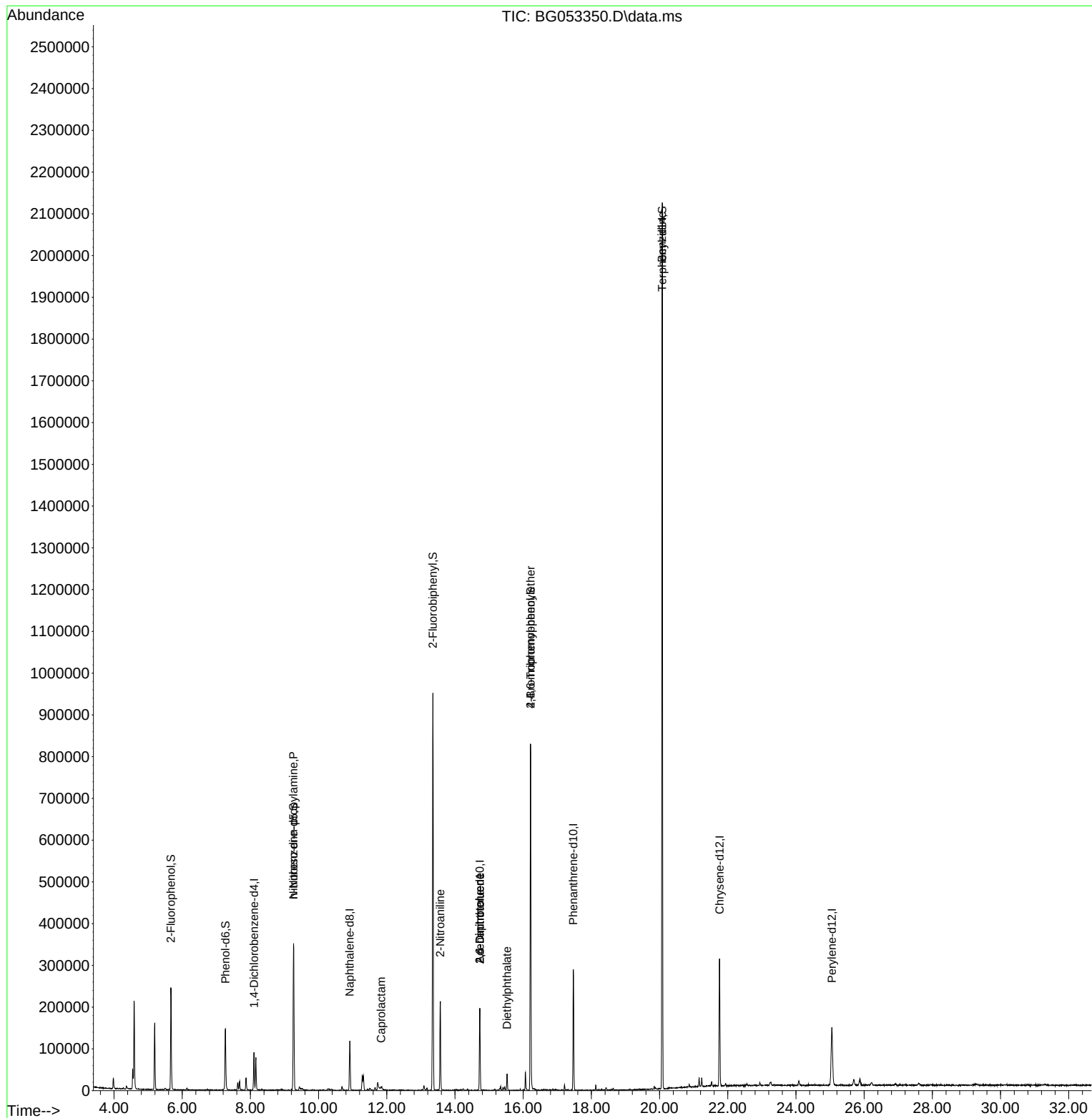
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	24714	20.000	ng	0.00
21) Naphthalene-d8	10.914	136	97104	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	70723	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	188867	20.000	ng	-0.01
76) Chrysene-d12	21.758	240	208067	20.000	ng	0.00
86) Perylene-d12	25.053	264	134823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	100352	69.605	ng	0.00
7) Phenol-d6	7.266	99	85387	38.405	ng	0.00
23) Nitrobenzene-d5	9.263	82	230369	96.327	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	171030	152.003	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	500005	97.487	ng	0.00
79) Terphenyl-d14	20.078	244	1099139	89.218	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	32301	19.845	ng	# 78
35) Caprolactam	11.836	113	1286	2.083	ng	# 56
48) 2-Nitroaniline	13.569	65	6914	4.484	ng	# 17
51) 2,6-Dinitrotoluene	14.726	165	9295	7.877	ng	# 26
57) 2,4-Dinitrotoluene	14.726	165	9295	5.532	ng	# 25
60) Diethylphthalate	15.525	149	22136	3.735	ng	# 92
67) 4-Bromophenyl-phenylether	16.218	248	11162	4.612	ng	# 1
77) Benzidine	20.072	184	18197	3.065	ng	# 88

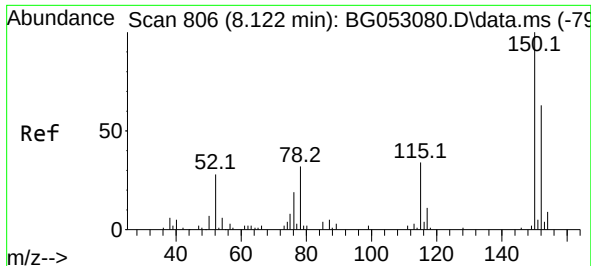
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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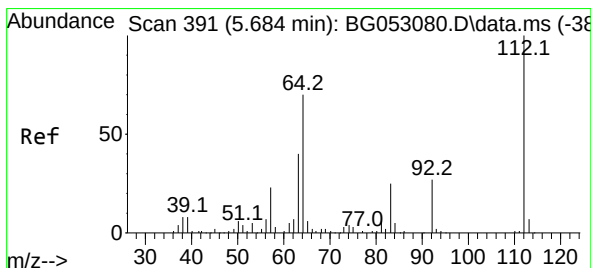
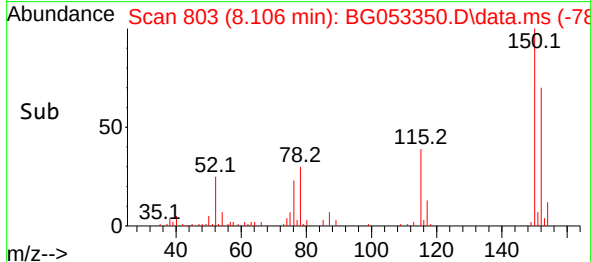
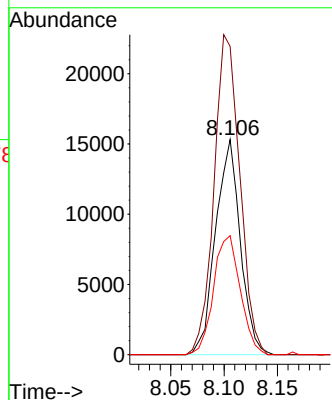
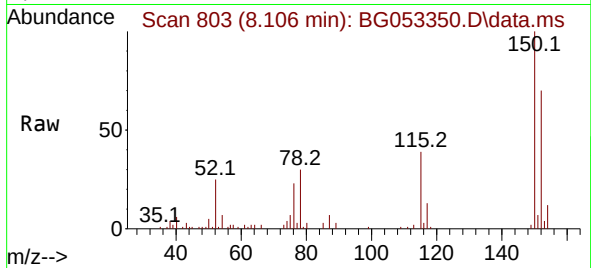




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

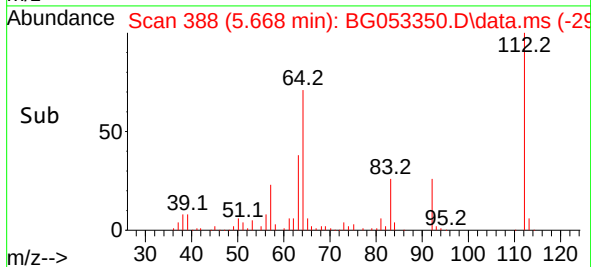
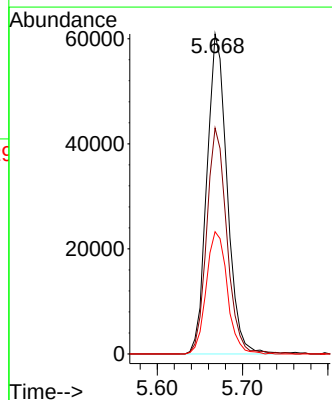
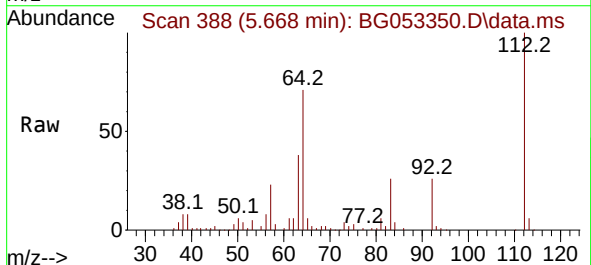
Instrument :
BNA_G
ClientSampleId :
GES-2R

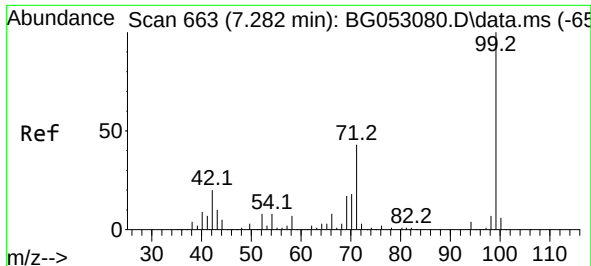
Tgt Ion:152 Resp: 24714
Ion Ratio Lower Upper
152 100
150 143.3 114.6 172.0
115 55.3 45.9 68.9



#5
2-Fluorophenol
Concen: 69.605 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

Tgt Ion:112 Resp: 100352
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 38.2 26.5 39.7

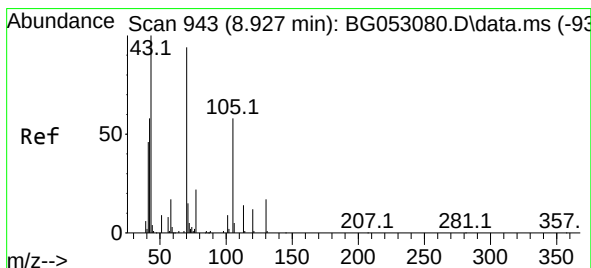
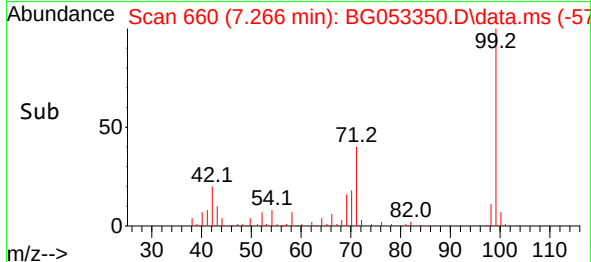
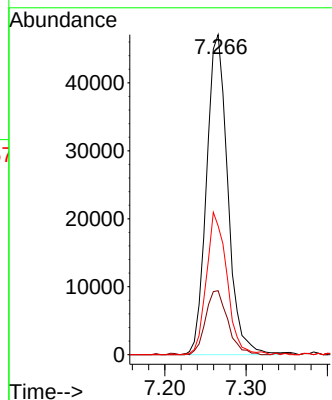
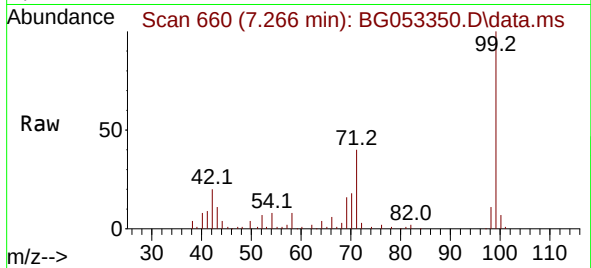




#7
Phenol-d6
Concen: 38.405 ng
RT: 7.266 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

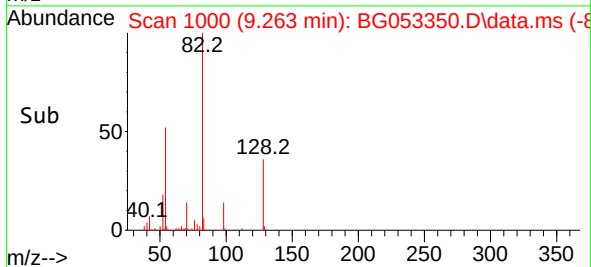
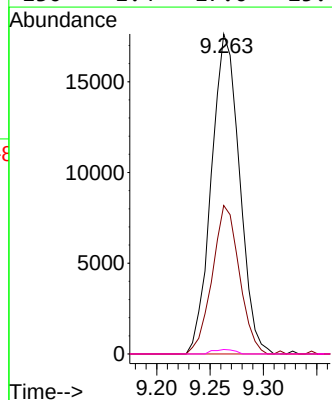
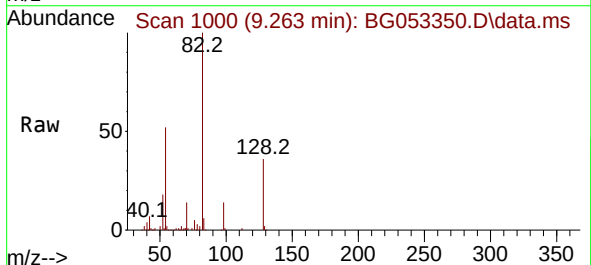
Instrument :
BNA_G
ClientSampleId :
GES-2R

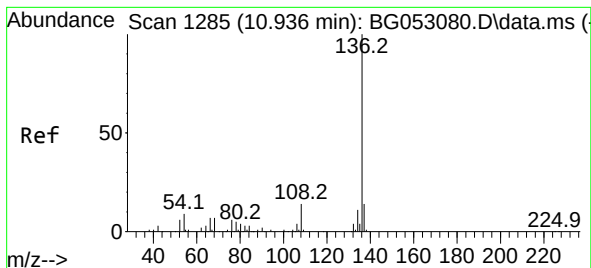
Tgt Ion: 99 Resp: 85387
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 40.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.845 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

Tgt Ion: 70 Resp: 32301
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.914 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG053350.D

Acq: 27 Apr 2022 16:48

Instrument :

BNA_G

ClientSampleId :

GES-2R

Tgt Ion:136 Resp: 97104

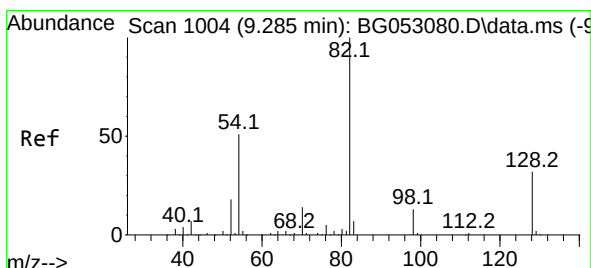
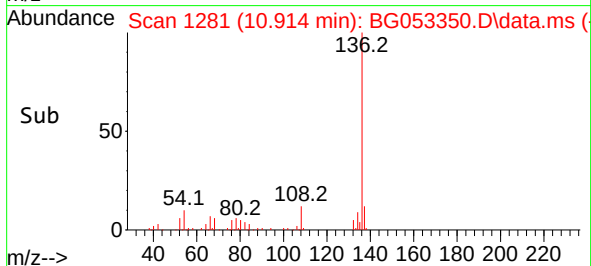
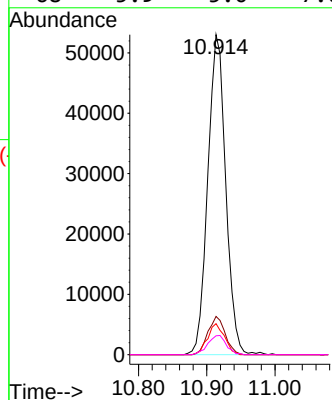
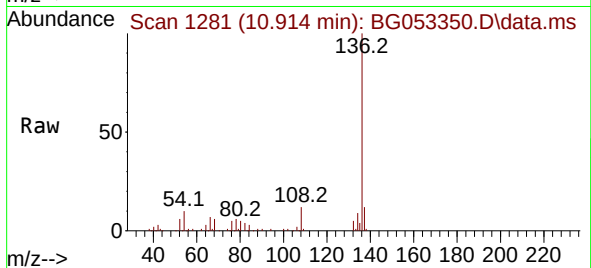
Ion Ratio Lower Upper

136 100

137 11.9 9.4 14.2

54 9.7 6.4 9.6#

68 5.9 5.0 7.6



#23

Nitrobenzene-d5

Concen: 96.327 ng

RT: 9.263 min Scan# 1000

Delta R.T. -0.014 min

Lab File: BG053350.D

Acq: 27 Apr 2022 16:48

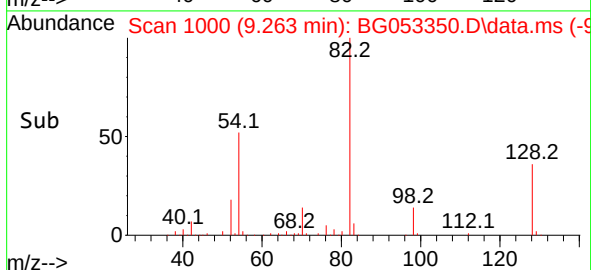
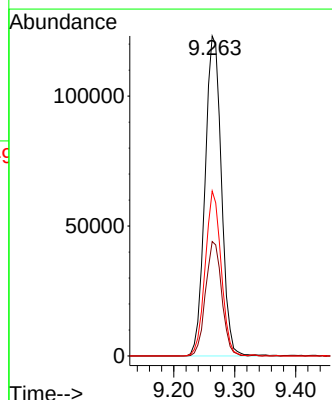
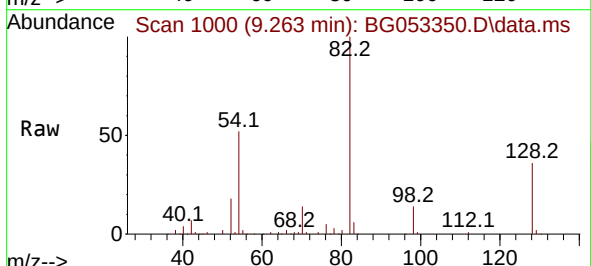
Tgt Ion: 82 Resp: 230369

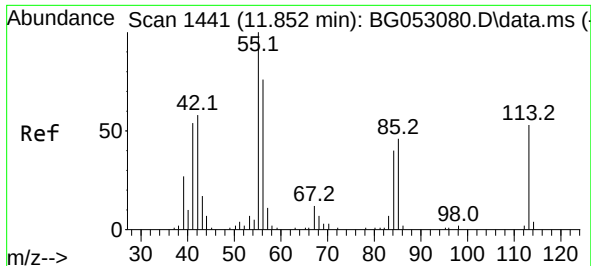
Ion Ratio Lower Upper

82 100

128 35.8 31.3 46.9

54 51.6 37.8 56.8

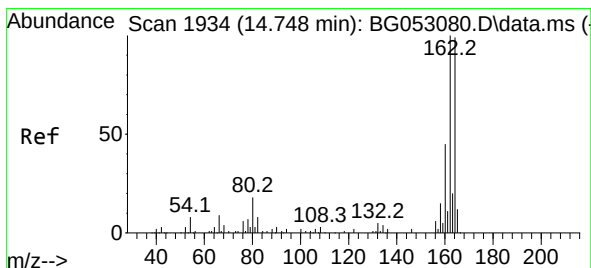
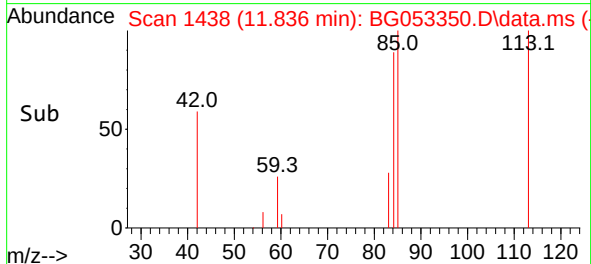
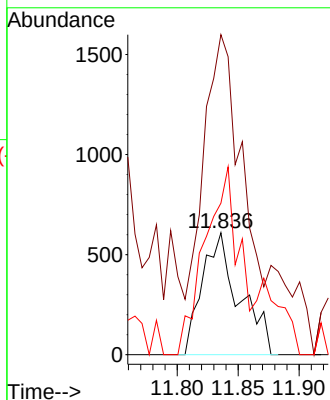
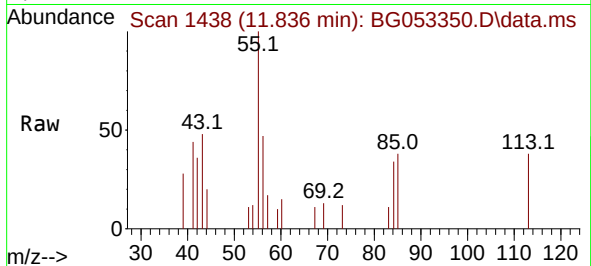




#35
 Caprolactam
 Concen: 2.083 ng
 RT: 11.836 min Scan# 1441
 Delta R.T. -0.014 min
 Lab File: BG053350.D
 Acq: 27 Apr 2022 16:48

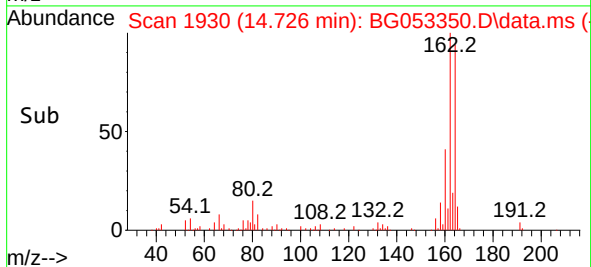
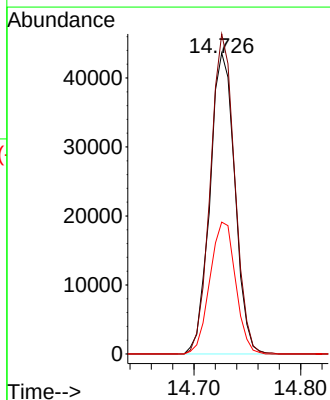
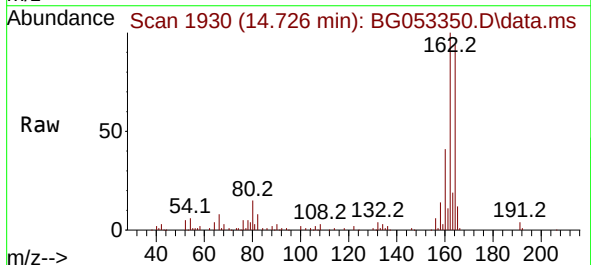
Instrument :
 BNA_G
 ClientSampleId :
 GES-2R

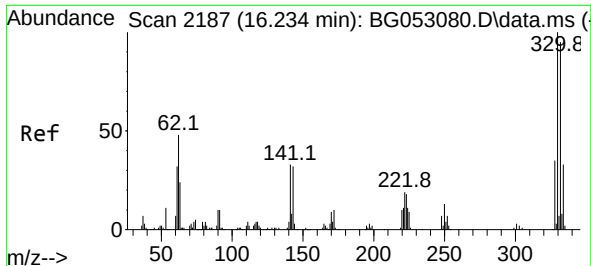
Tgt Ion:113 Resp: 1286
 Ion Ratio Lower Upper
 113 100
 55 262.6 151.3 191.3#
 56 124.3 128.5 168.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.726 min Scan# 1930
 Delta R.T. -0.008 min
 Lab File: BG053350.D
 Acq: 27 Apr 2022 16:48

Tgt Ion:164 Resp: 70723
 Ion Ratio Lower Upper
 164 100
 162 106.3 80.0 120.0
 160 43.8 38.8 58.2

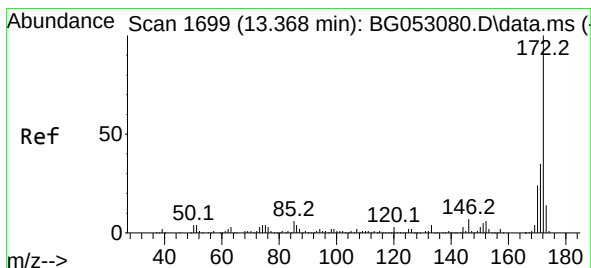
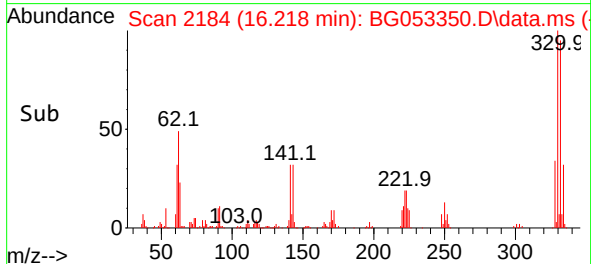
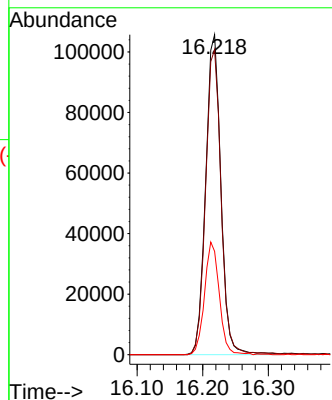
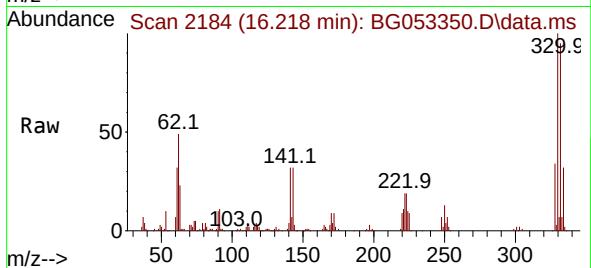




#42
2,4,6-Tribromophenol
Concen: 152.003 ng
RT: 16.218 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

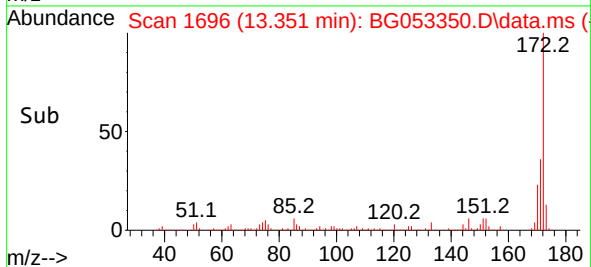
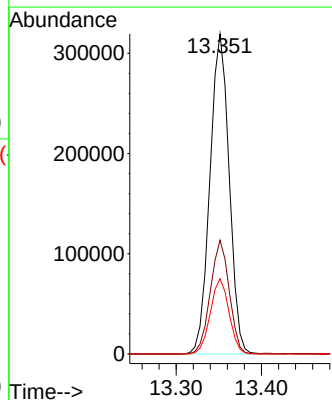
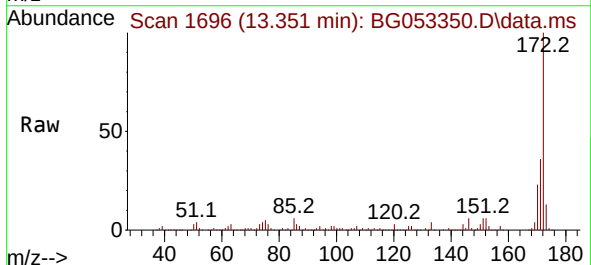
Instrument :
BNA_G
ClientSampleId :
GES-2R

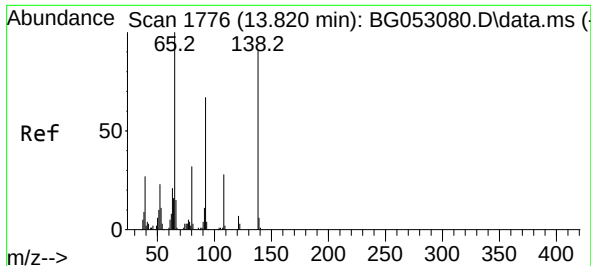
Tgt Ion:330 Resp: 171030
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.6
141 34.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 97.487 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.008 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

Tgt Ion:172 Resp: 500005
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.0 27.0

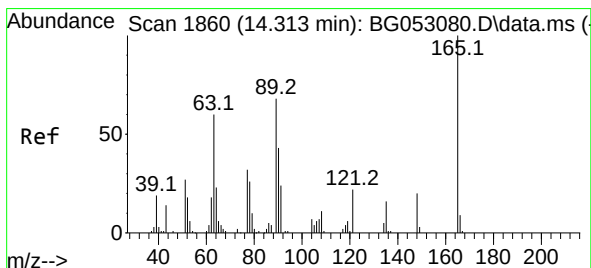
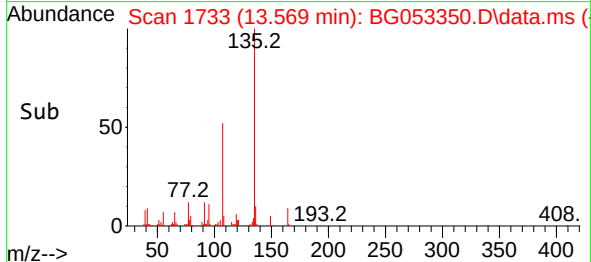
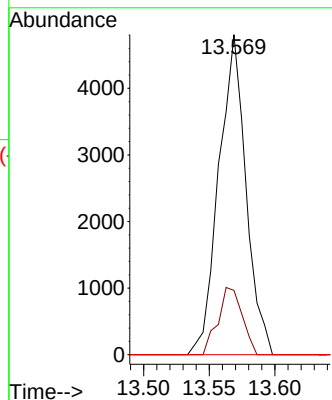
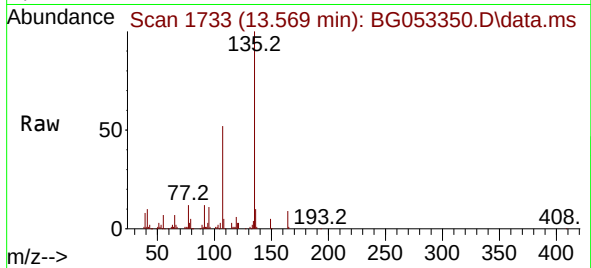




#48
2-Nitroaniline
Concen: 4.484 ng
RT: 13.569 min Scan# 1
Delta R.T. -0.243 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

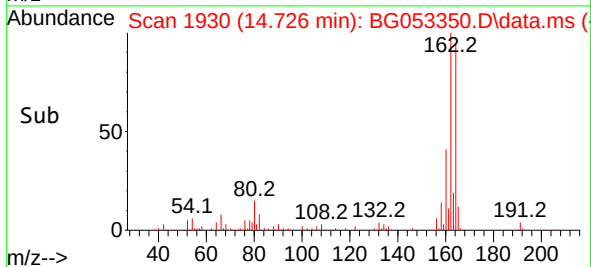
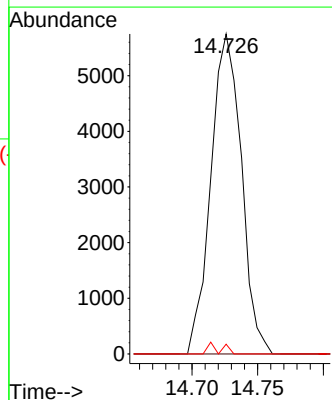
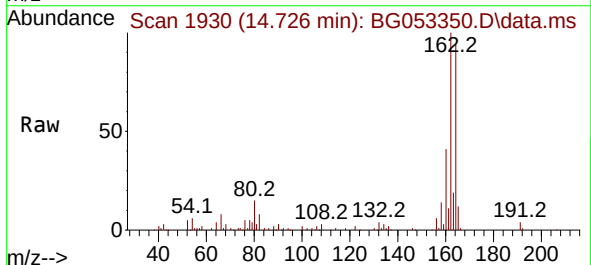
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ClientSampleId :
GES-2R

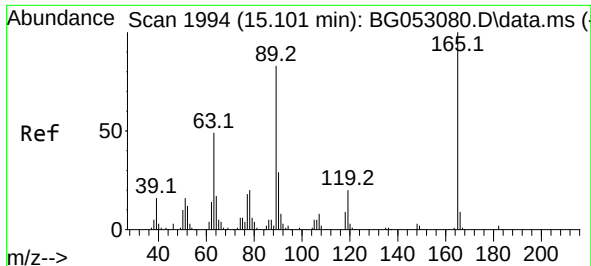
Tgt Ion: 65 Resp: 6914
Ion Ratio Lower Upper
65 100
92 20.1 52.1 78.1#
138 0.0 80.1 120.1#



#51
2,6-Dinitrotoluene
Concen: 7.877 ng
RT: 14.726 min Scan# 1930
Delta R.T. 0.421 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

Tgt Ion:165 Resp: 9295
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.1 45.0 67.4#

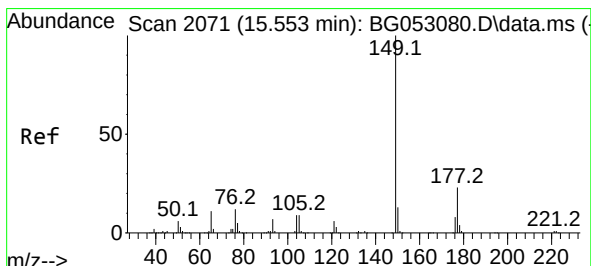
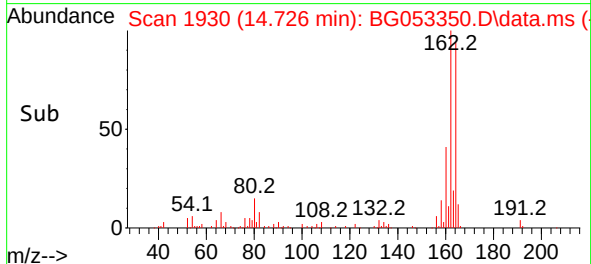
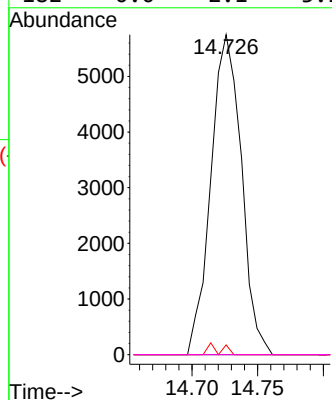
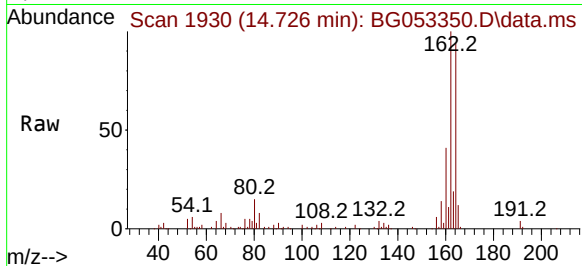




#57
2,4-Dinitrotoluene
Concen: 5.532 ng
RT: 14.726 min Scan# 1994
Delta R.T. -0.366 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

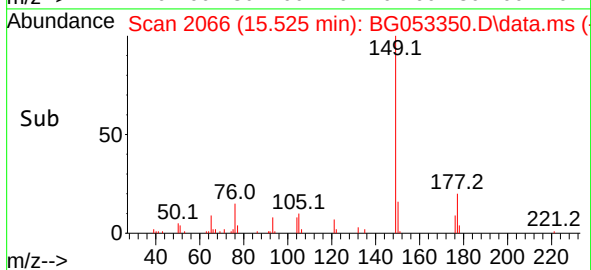
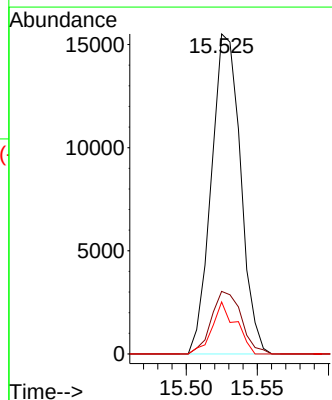
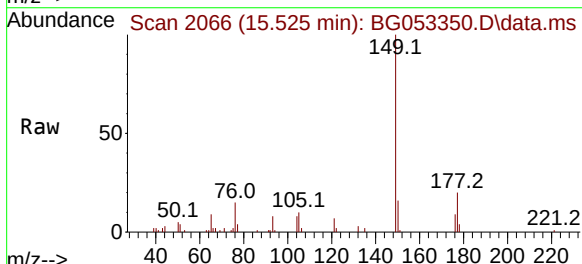
Instrument :
BNA_G
ClientSampleId :
GES-2R

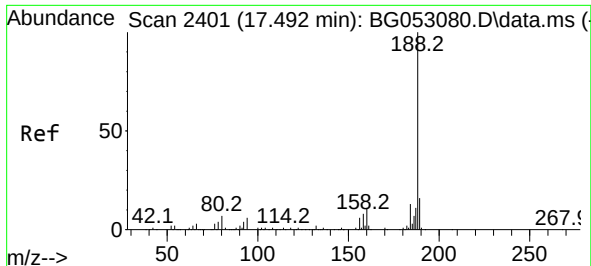
Tgt Ion:	165	Resp:	9295
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	3.1	57.4	86.0#
182	0.0	2.1	3.1#



#60
Diethylphthalate
Concen: 3.735 ng
RT: 15.525 min Scan# 2066
Delta R.T. -0.014 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

Tgt Ion:	149	Resp:	22136
Ion	Ratio	Lower	Upper
149	100		
177	19.6	18.2	27.2
150	16.2	9.9	14.9#

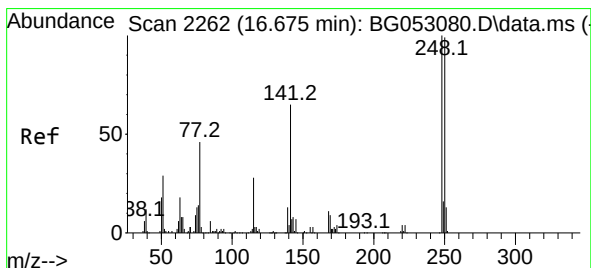
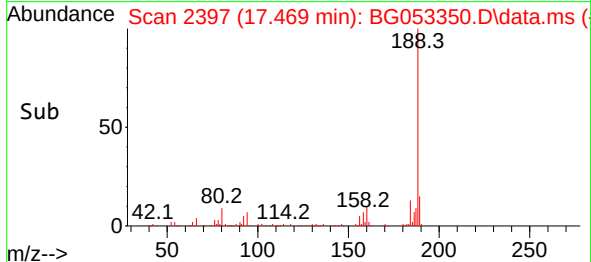
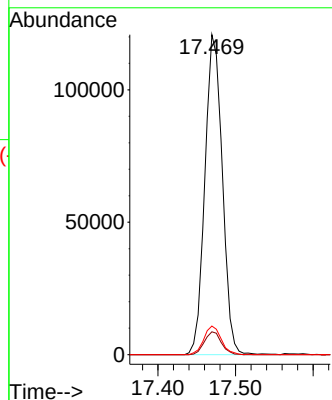
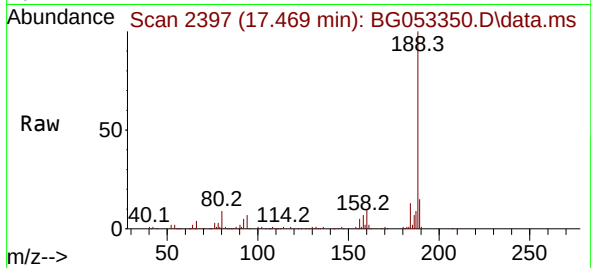




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2184
Delta R.T. -0.014 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

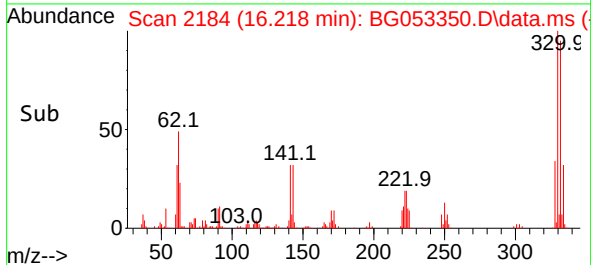
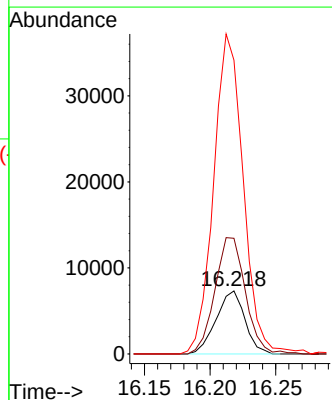
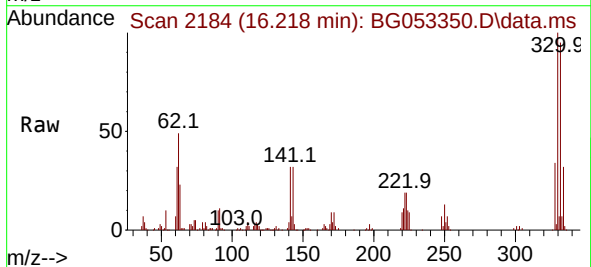
Instrument :
BNA_G
ClientSampleId :
GES-2R

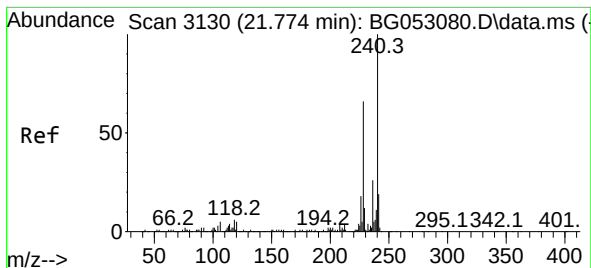
Tgt Ion:188 Resp: 188867
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.443 min
Lab File: BG053350.D
Acq: 27 Apr 2022 16:48

Tgt Ion:248 Resp: 11162
Ion Ratio Lower Upper
248 100
250 183.7 77.9 116.9#
141 466.4 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.758 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053350.D

Acq: 27 Apr 2022 16:48

Instrument :

BNA_G

ClientSampleId :

GES-2R

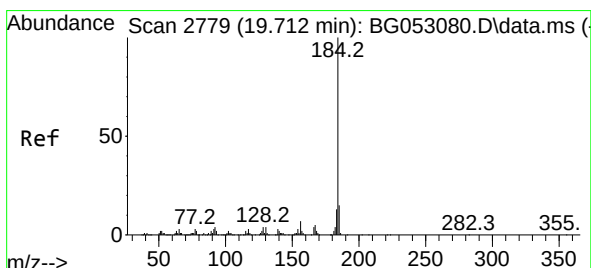
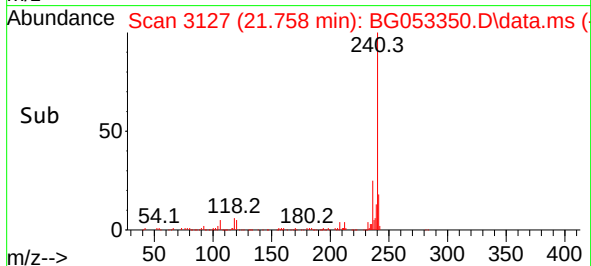
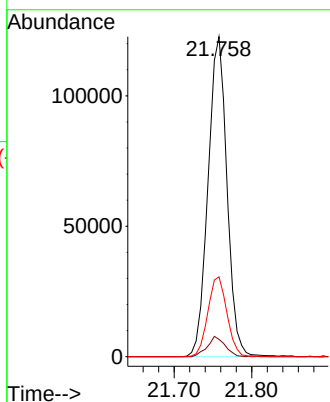
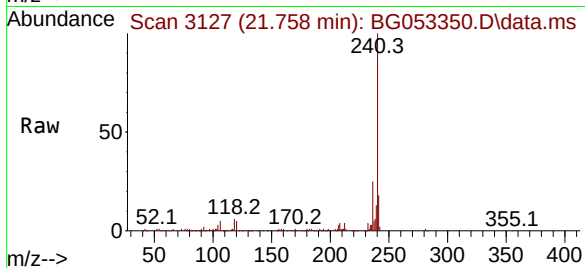
Tgt Ion:240 Resp: 208067

Ion Ratio Lower Upper

240 100

120 5.4 5.4 8.0

236 24.9 19.8 29.6



#77

Benzidine

Concen: 3.065 ng

RT: 20.072 min Scan# 2840

Delta R.T. 0.368 min

Lab File: BG053350.D

Acq: 27 Apr 2022 16:48

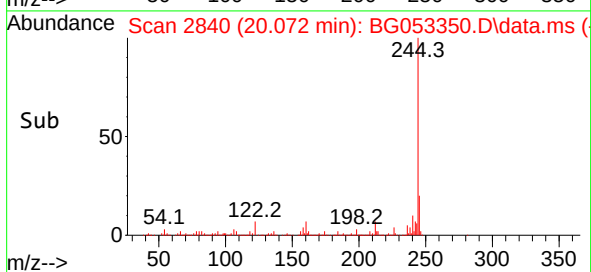
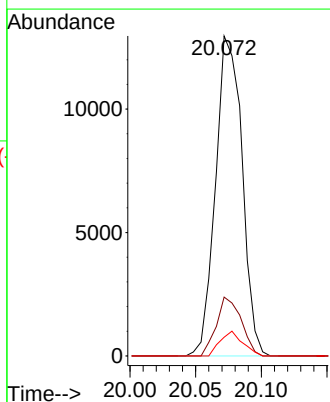
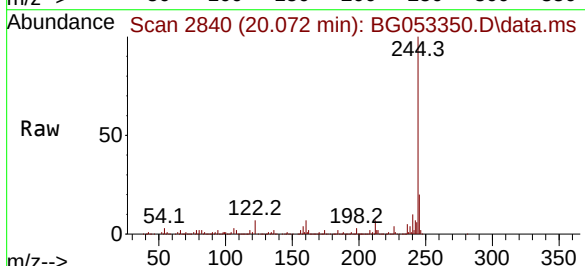
Tgt Ion:184 Resp: 18197

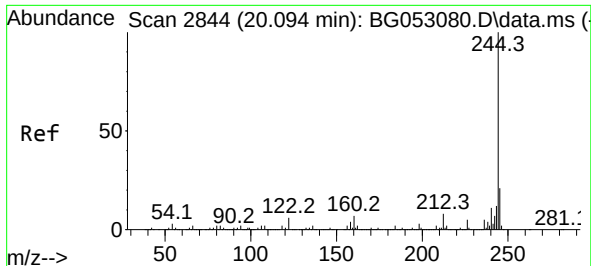
Ion Ratio Lower Upper

184 100

185 18.4 11.5 17.3#

183 5.8 9.4 14.2#

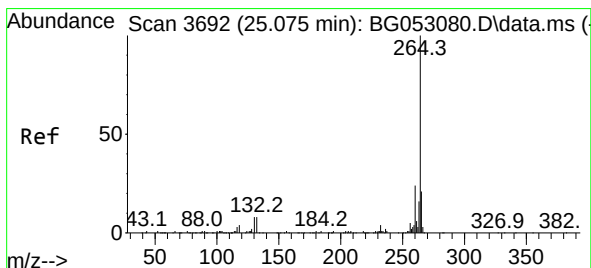
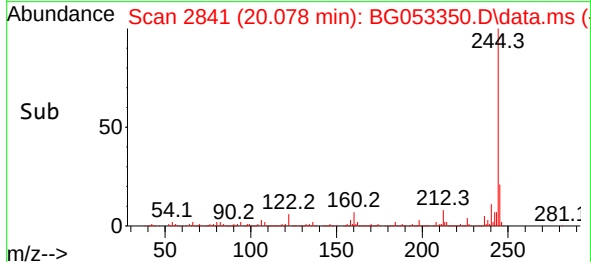
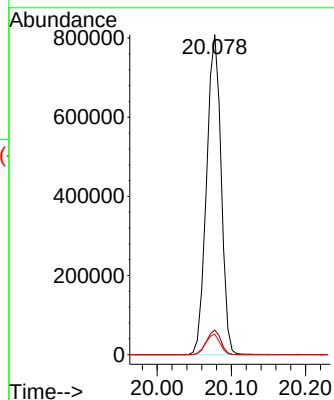
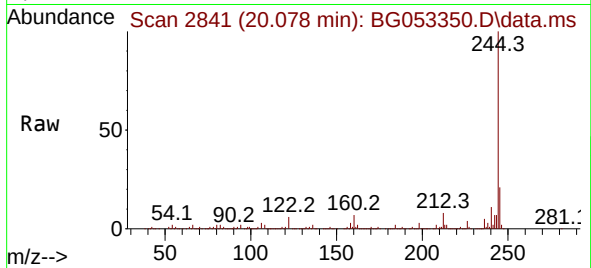




#79
 Terphenyl-d14
 Concen: 89.218 ng
 RT: 20.078 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053350.D
 Acq: 27 Apr 2022 16:48

Instrument :
 BNA_G
 ClientSampleId :
 GES-2R

Tgt Ion:244 Resp: 1099139
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 3688
 Delta R.T. -0.008 min
 Lab File: BG053350.D
 Acq: 27 Apr 2022 16:48

Tgt Ion:264 Resp: 134823
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.2 27.2
 265 20.4 15.1 22.7

