

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053039.D
 Acq On : 5 Apr 2022 19:51
 Operator : CG/JU
 Sample : N2246-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-8-9-2-3

Quant Time: Apr 06 04:15:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

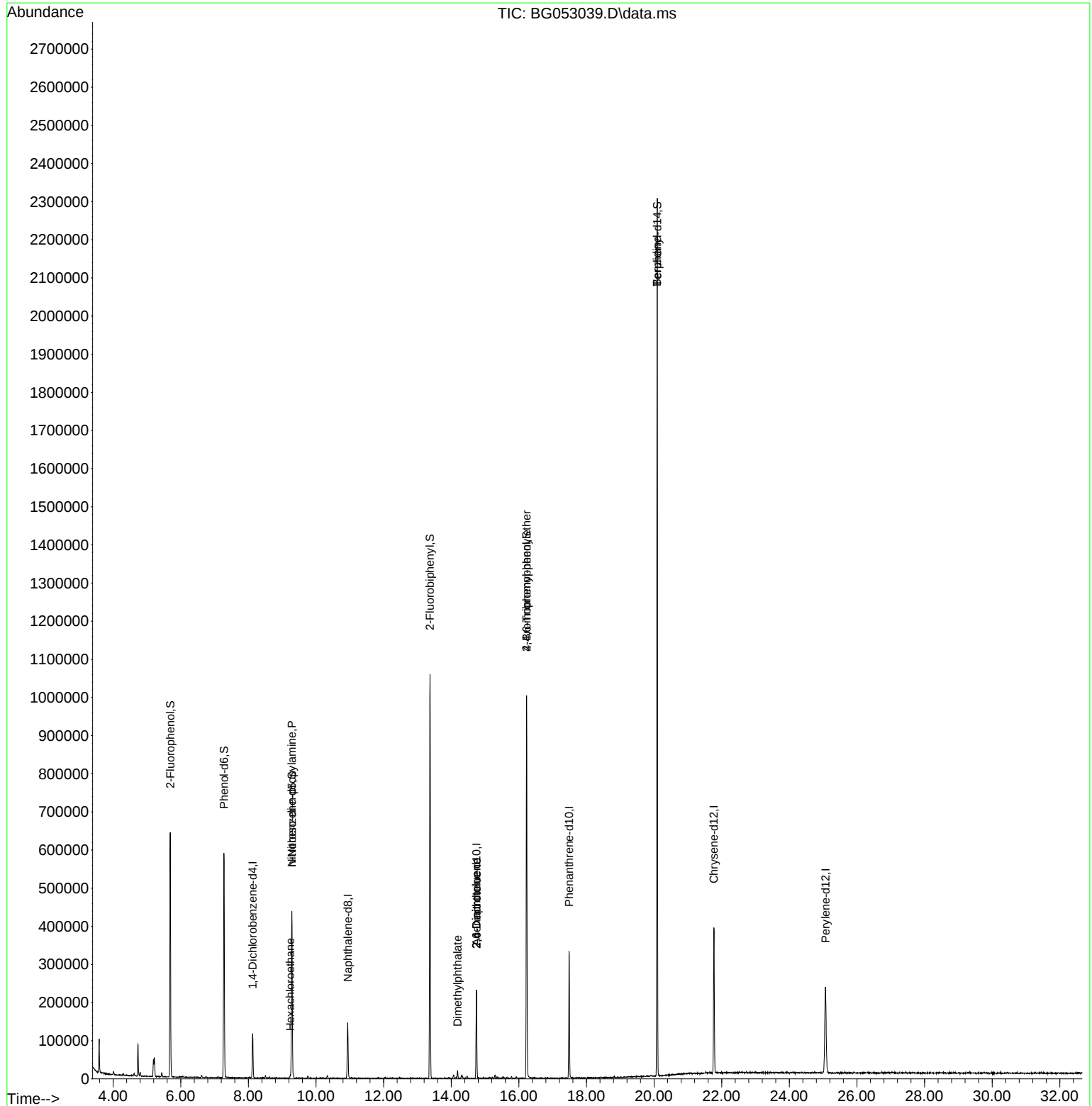
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	31110	20.000	ng	-0.02
21) Naphthalene-d8	10.942	136	118858	20.000	ng	-0.02
39) Acenaphthene-d10	14.749	164	82122	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	213659	20.000	ng	-0.02
76) Chrysene-d12	21.768	240	254007	20.000	ng	#-0.03
86) Perylene-d12	25.070	264	259926	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	251943	141.036	ng	0.00
7) Phenol-d6	7.276	99	321885	119.520	ng	-0.01
23) Nitrobenzene-d5	9.285	82	278234	117.490	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	190186	172.348	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	563781	101.251	ng	-0.02
79) Terphenyl-d14	20.094	244	1176782	82.412	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.282	77	980	Below Cal	#	5
18) Hexachloroethane	9.238	117	1819	2.183	ng	# 27
19) n-Nitroso-di-n-propyla...	9.285	70	39720	20.824	ng	# 83
50) Dimethylphthalate	14.190	163	12741	2.088	ng	# 95
51) 2,6-Dinitrotoluene	14.743	165	10934	10.611	ng	# 27
57) 2,4-Dinitrotoluene	14.743	165	10934	7.647	ng	# 25
67) 4-Bromophenyl-phenylether	16.229	248	12716	4.936	ng	# 1
77) Benzidine	20.088	184	21247	3.243	ng	# 91

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

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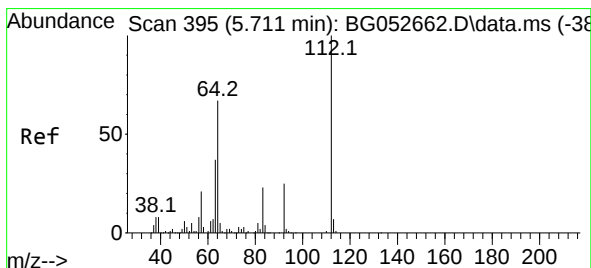
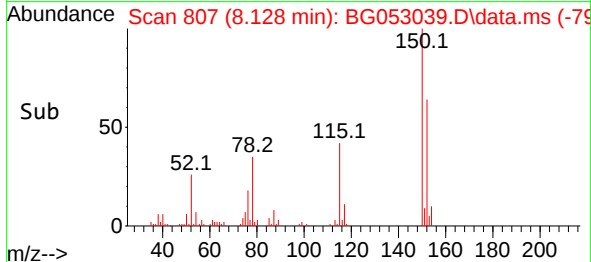
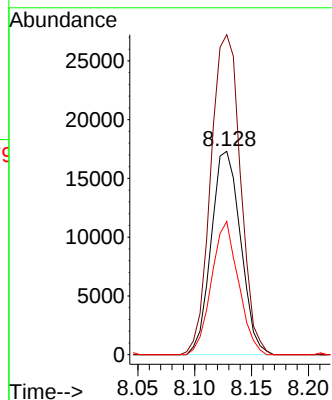
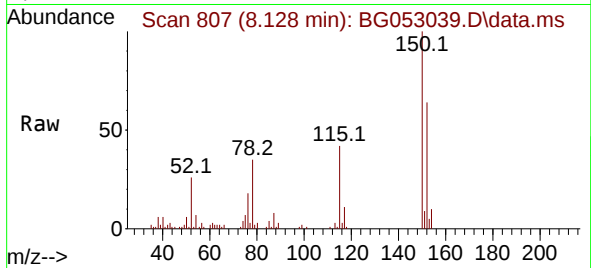




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

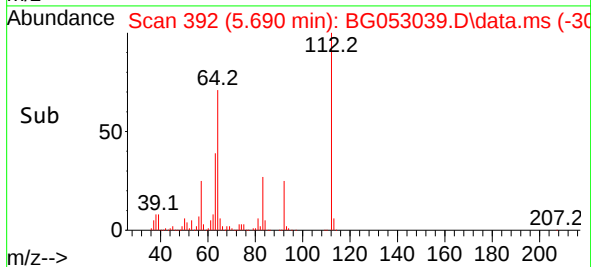
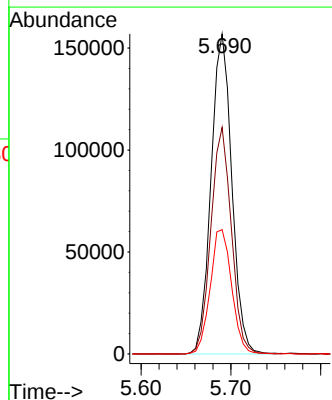
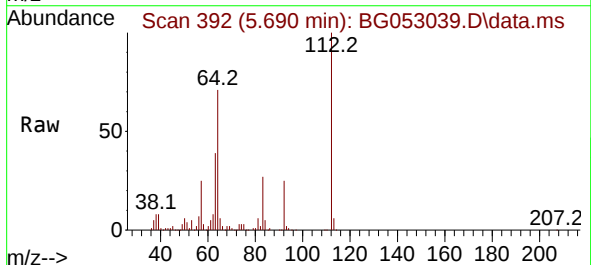
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3

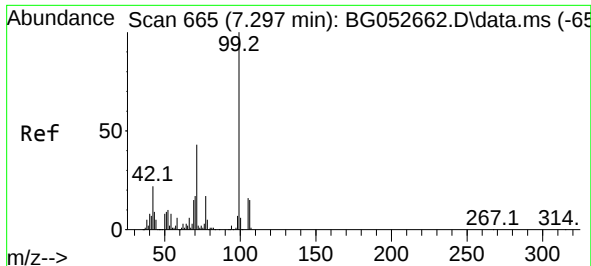
Tgt Ion:152 Resp: 31110
Ion Ratio Lower Upper
152 100
150 157.3 114.6 172.0
115 65.5 45.9 68.9



#5
2-Fluorophenol
Concen: 141.036 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

Tgt Ion:112 Resp: 251943
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 38.9 26.5 39.7

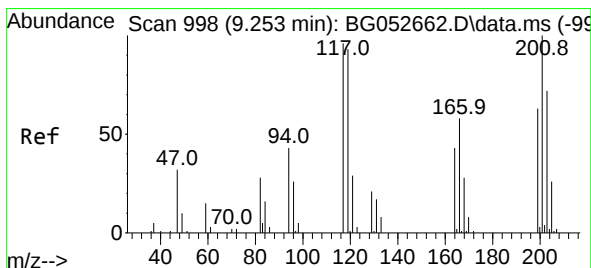
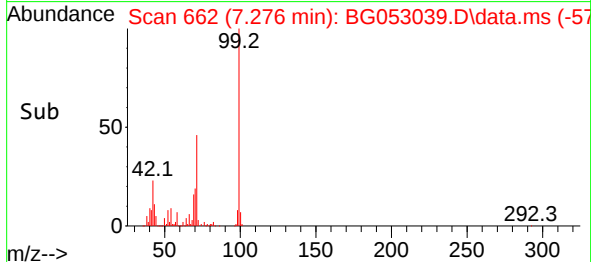
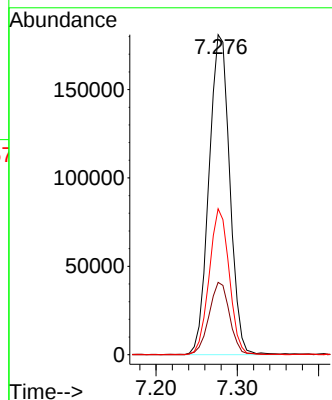
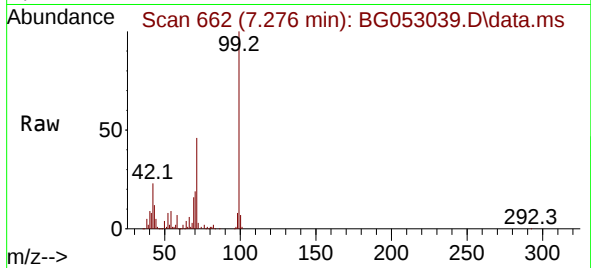




#7
Phenol-d6
Concen: 119.520 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

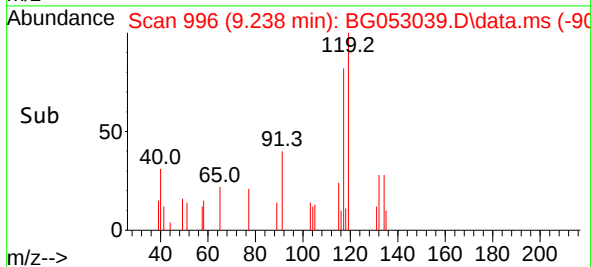
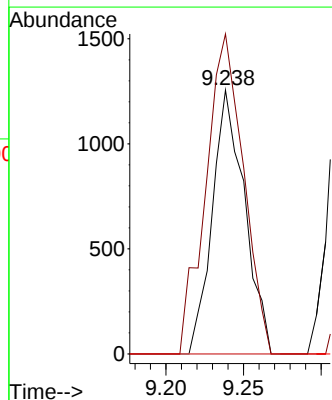
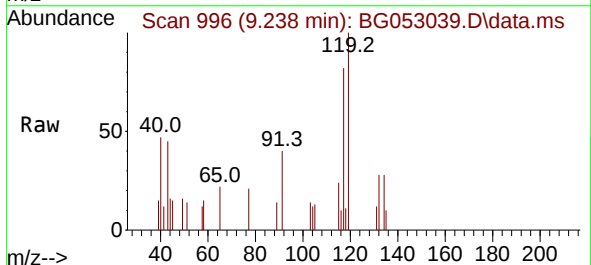
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3

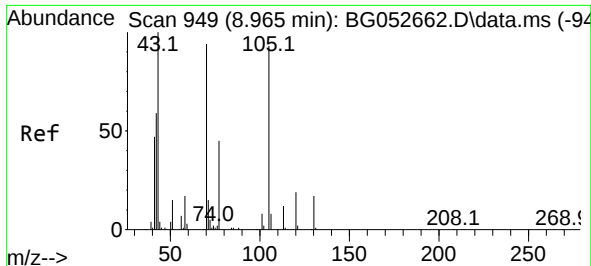
Tgt Ion: 99 Resp: 321885
Ion Ratio Lower Upper
99 100
42 22.6 14.7 22.1#
71 45.6 29.2 43.8#



#18
Hexachloroethane
Concen: 2.183 ng
RT: 9.238 min Scan# 996
Delta R.T. 0.005 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

Tgt Ion: 117 Resp: 1819
Ion Ratio Lower Upper
117 100
119 121.3 75.1 112.7#
201 0.0 96.6 145.0#

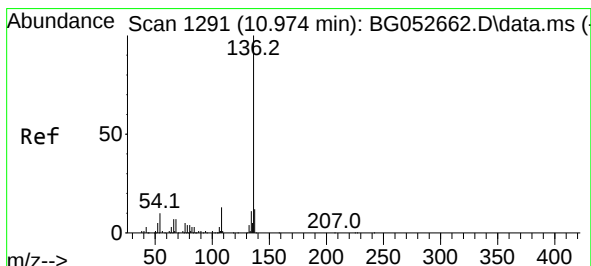
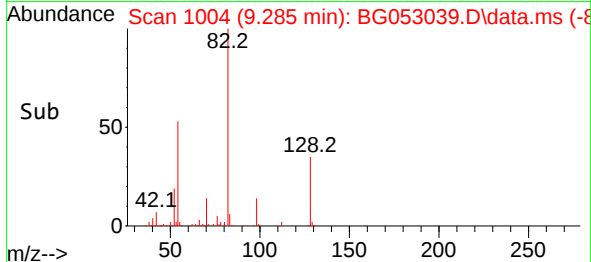
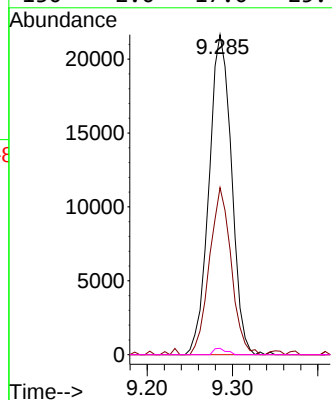
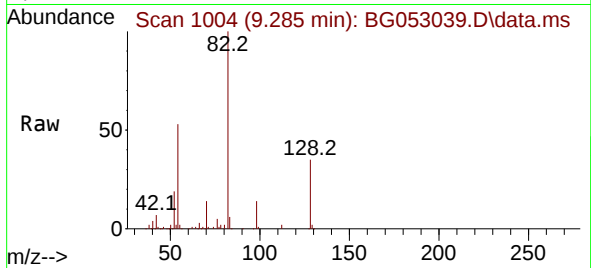




#19
n-Nitroso-di-n-propylamine
Concen: 20.824 ng
RT: 9.285 min Scan# 1004
Delta R.T. 0.340 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

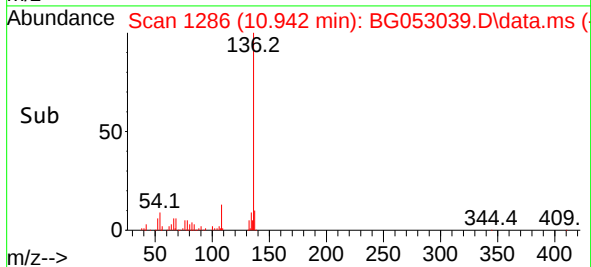
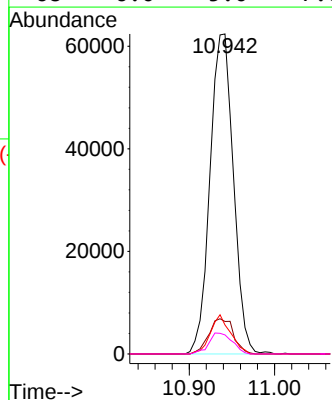
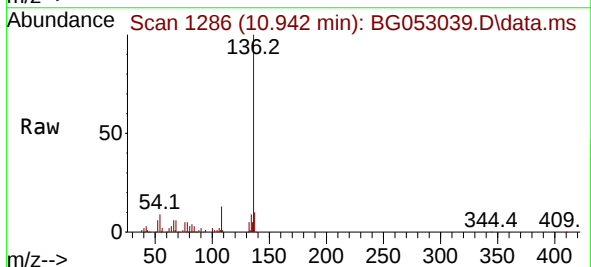
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3

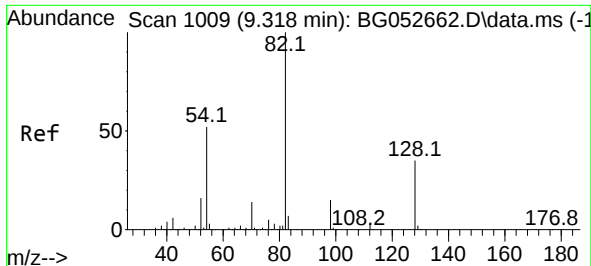
Tgt Ion: 70 Resp: 39720
Ion Ratio Lower Upper
70 100
42 52.2 46.0 69.0
101 0.0 6.2 9.4#
130 2.0 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 1286
Delta R.T. -0.018 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

Tgt Ion: 136 Resp: 118858
Ion Ratio Lower Upper
136 100
137 10.2 9.4 14.2
54 9.0 6.4 9.6
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 117.490 ng

RT: 9.285 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BG053039.D

Acq: 5 Apr 2022 19:51

Instrument :

BNA_G

ClientSampleId :

WC-8-9-2-3

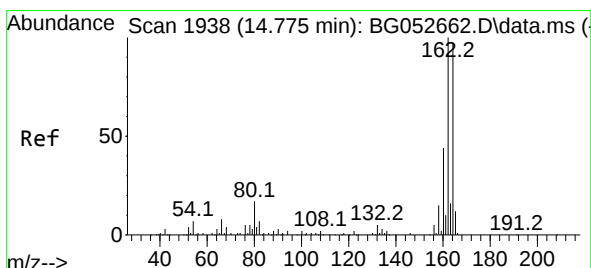
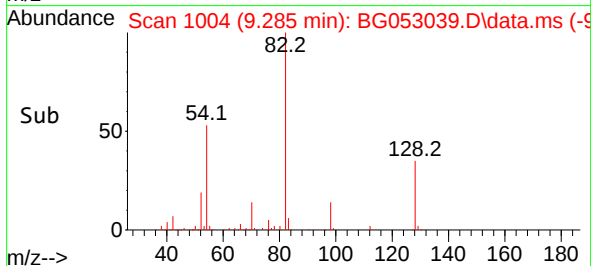
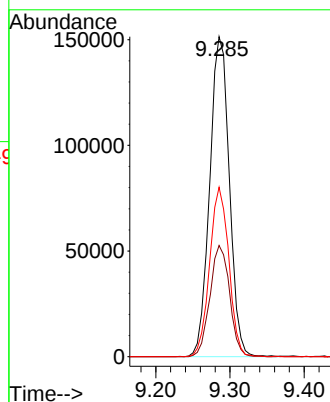
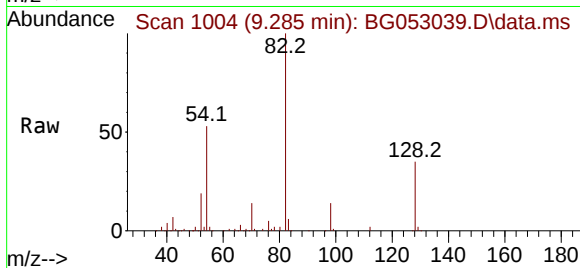
Tgt Ion: 82 Resp: 278234

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 52.9 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG053039.D

Acq: 5 Apr 2022 19:51

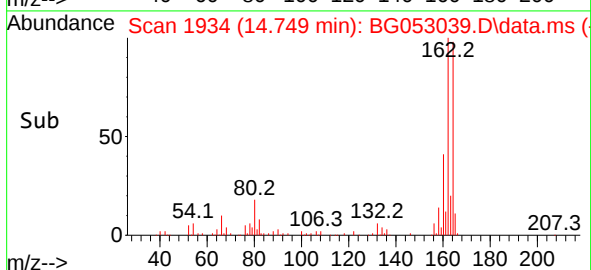
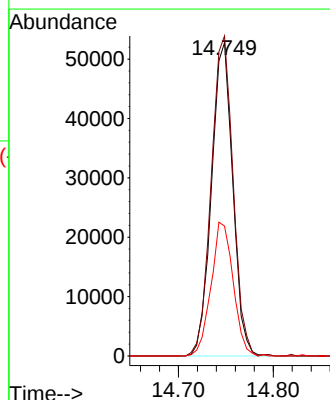
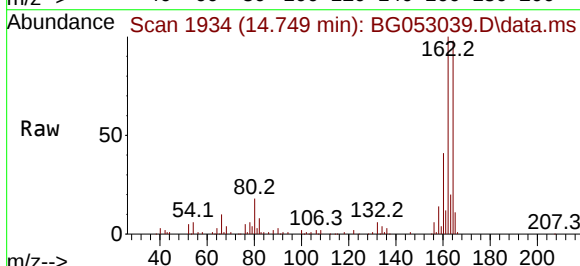
Tgt Ion:164 Resp: 82122

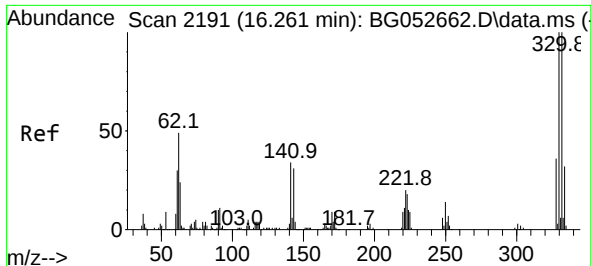
Ion Ratio Lower Upper

164 100

162 102.1 80.0 120.0

160 41.5 38.8 58.2

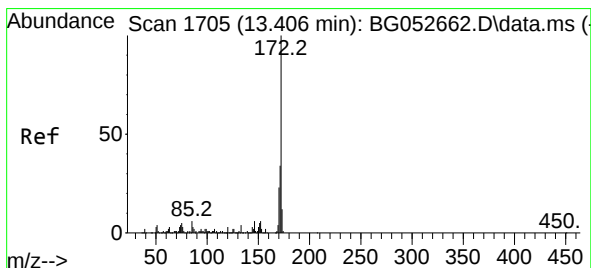
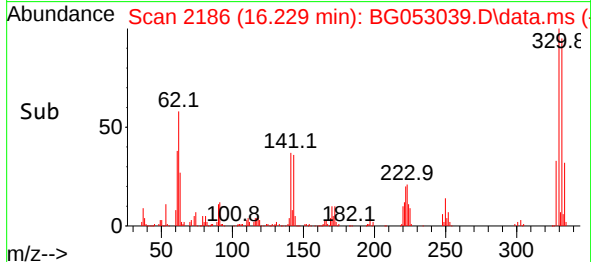
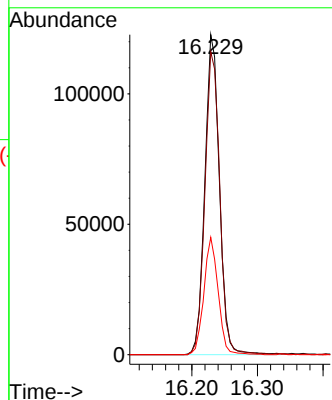
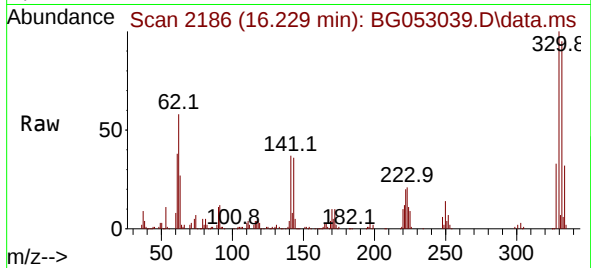




#42
2,4,6-Tribromophenol
Concen: 172.348 ng
RT: 16.229 min Scan# 2191
Delta R.T. -0.018 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

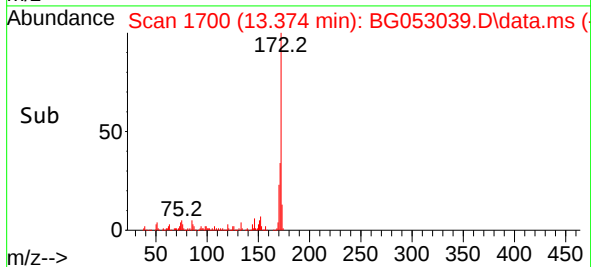
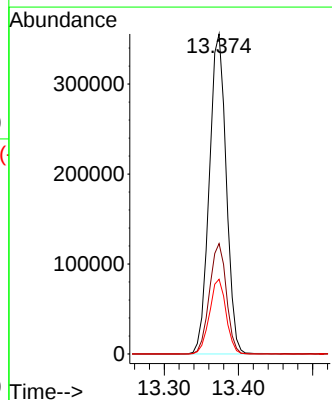
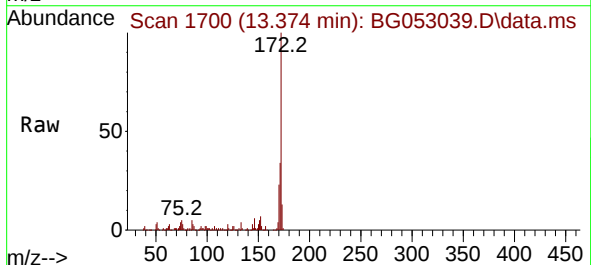
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3

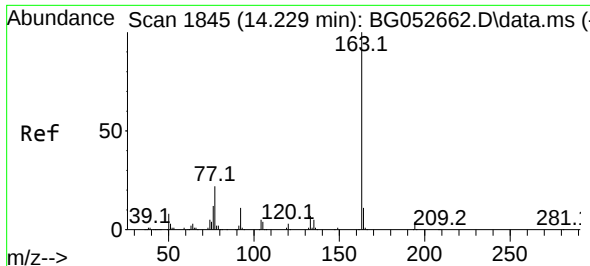
Tgt Ion:330 Resp: 190186
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 35.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 101.251 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

Tgt Ion:172 Resp: 563781
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 18.0 27.0

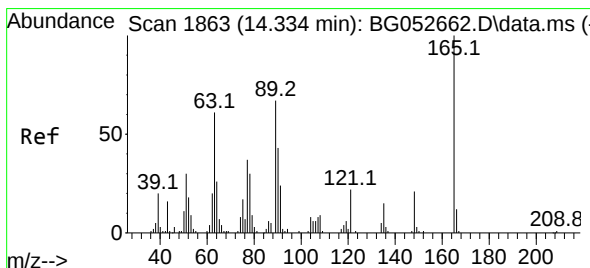
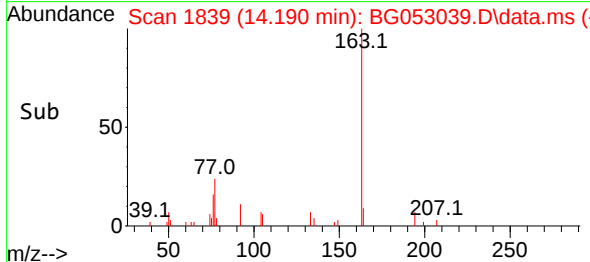
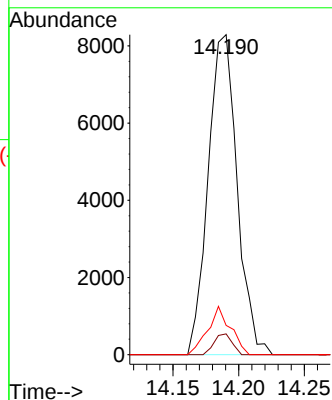
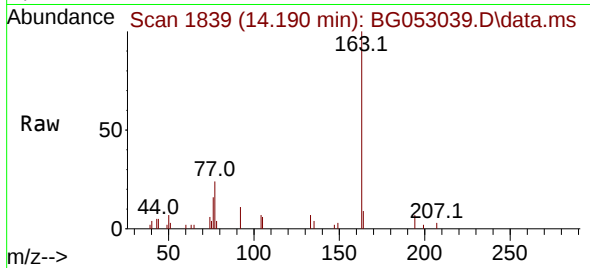




#50
 Dimethylphthalate
 Concen: 2.088 ng
 RT: 14.190 min Scan# 1
 Delta R.T. -0.024 min
 Lab File: BG053039.D
 Acq: 5 Apr 2022 19:51

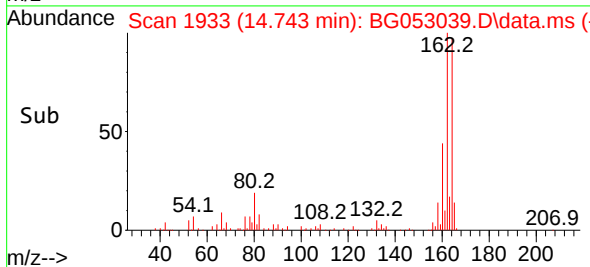
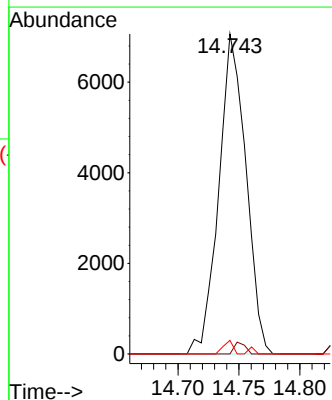
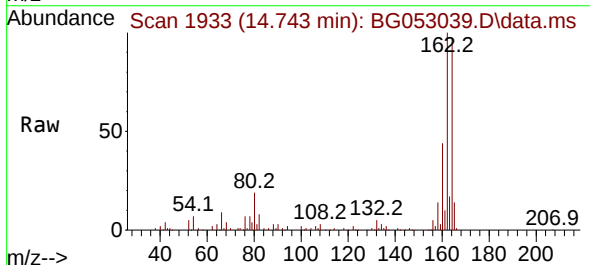
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 WC-8-9-2-3

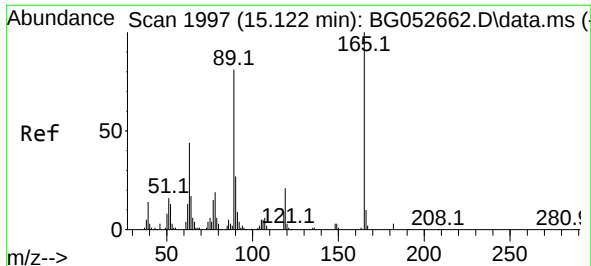
Tgt Ion:163 Resp: 12741
 Ion Ratio Lower Upper
 163 100
 194 6.5 3.3 4.9#
 164 9.2 8.5 12.7



#51
 2,6-Dinitrotoluene
 Concen: 10.611 ng
 RT: 14.743 min Scan# 1933
 Delta R.T. 0.417 min
 Lab File: BG053039.D
 Acq: 5 Apr 2022 19:51

Tgt Ion:165 Resp: 10934
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.7 65.5#
 89 4.2 45.0 67.4#

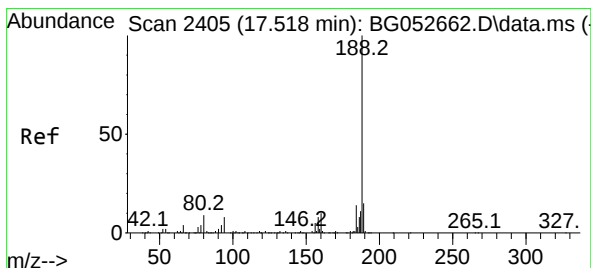
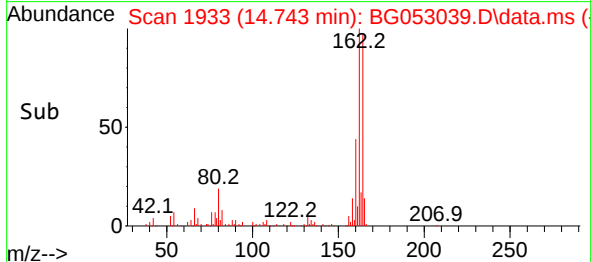
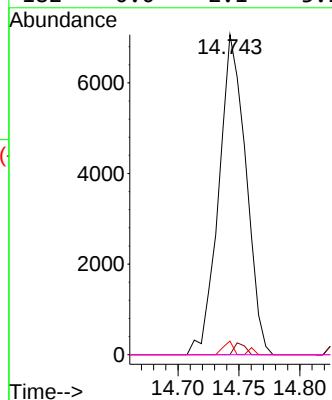
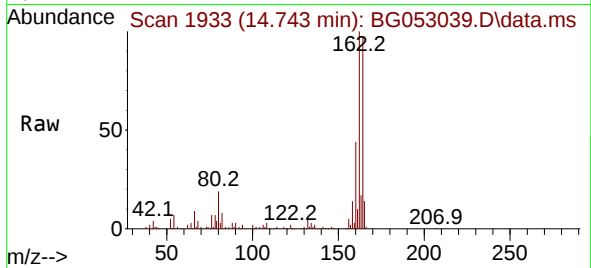




#57
2,4-Dinitrotoluene
Concen: 7.647 ng
RT: 14.743 min Scan# 1997
Delta R.T. -0.370 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

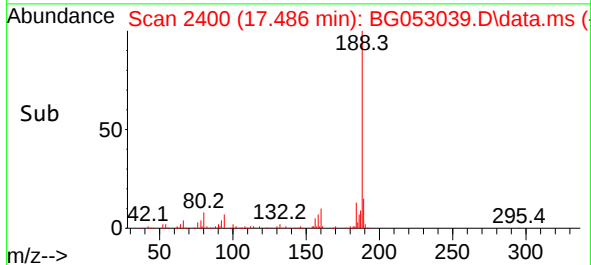
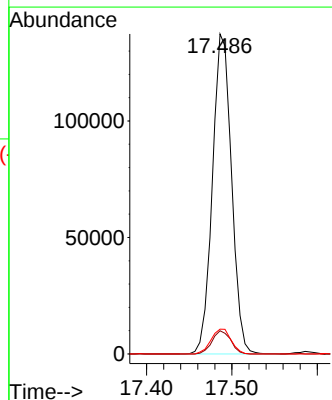
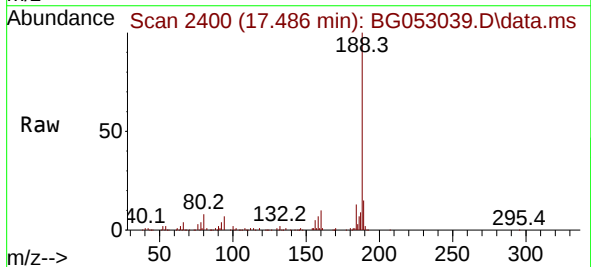
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3

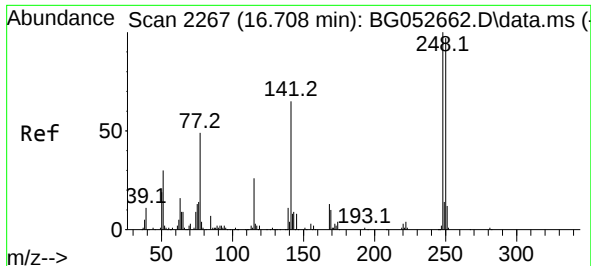
Tgt Ion:165 Resp: 10934
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 4.2 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.018 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

Tgt Ion:188 Resp: 213659
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.8 7.2 10.8

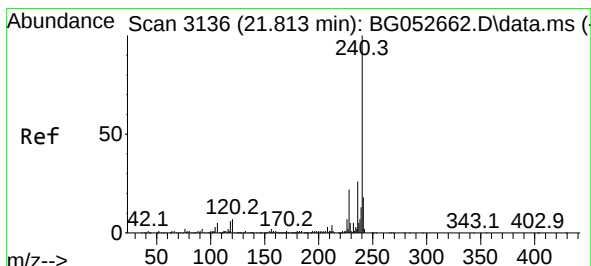
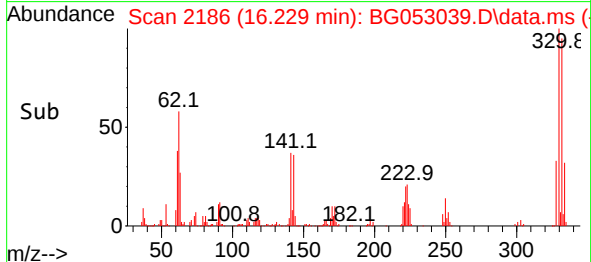
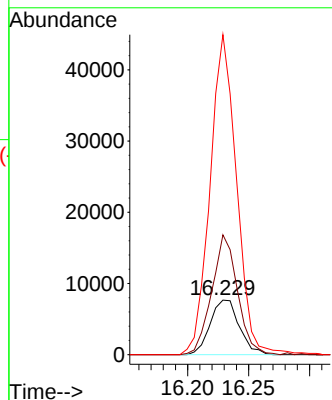
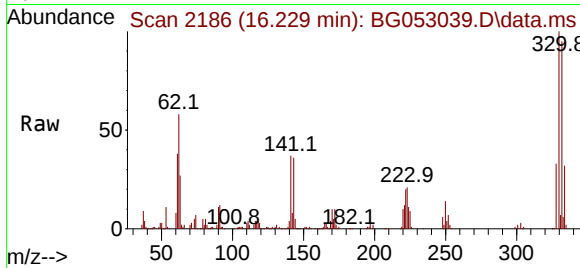




#67
4-Bromophenyl-phenylether
Concen: 4.936 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.464 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

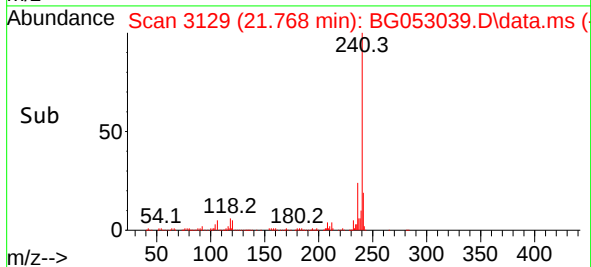
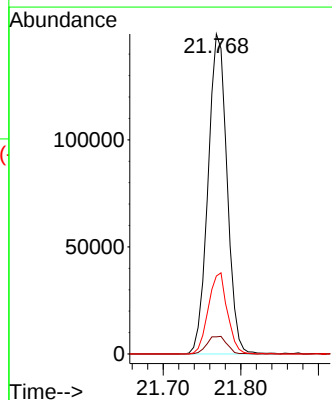
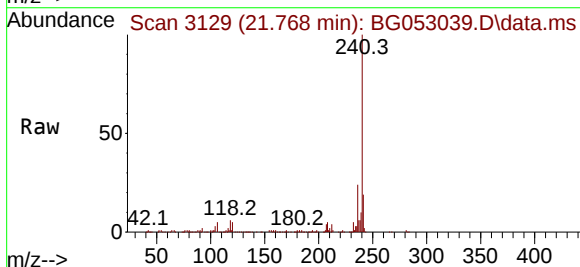
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3

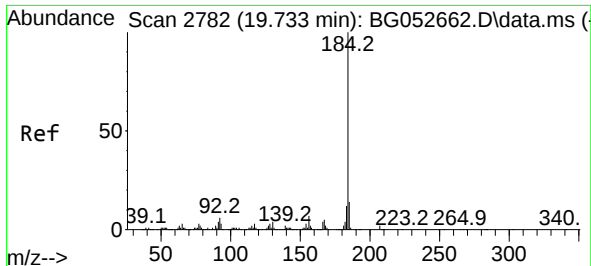
Tgt Ion:248 Resp: 12716
Ion Ratio Lower Upper
248 100
250 219.8 77.9 116.9#
141 586.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3129
Delta R.T. -0.030 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

Tgt Ion:240 Resp: 254007
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0#
236 24.4 19.8 29.6

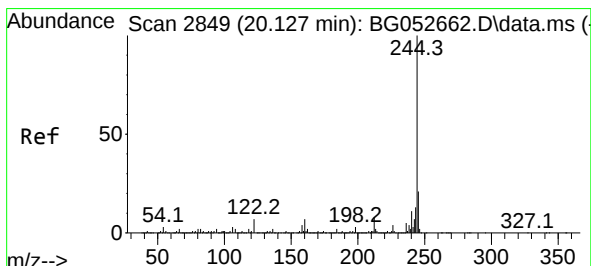
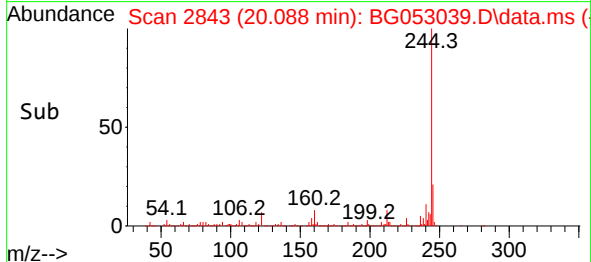
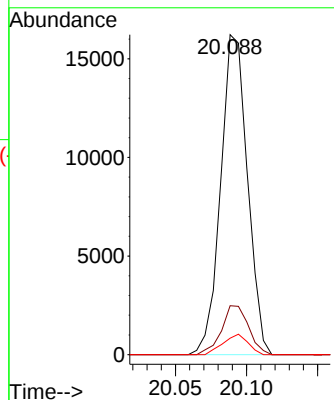
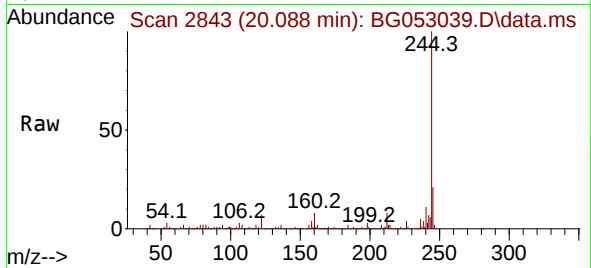




#77
Benzidine
Concen: 3.243 ng
RT: 20.088 min Scan# 21
Delta R.T. 0.364 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

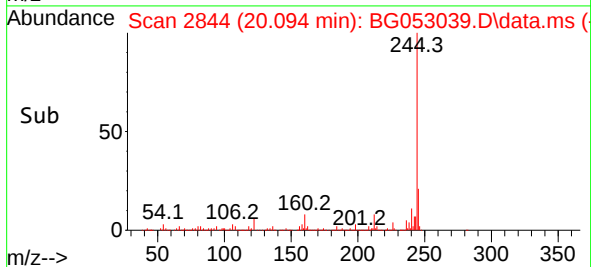
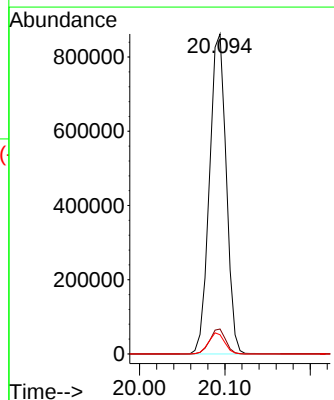
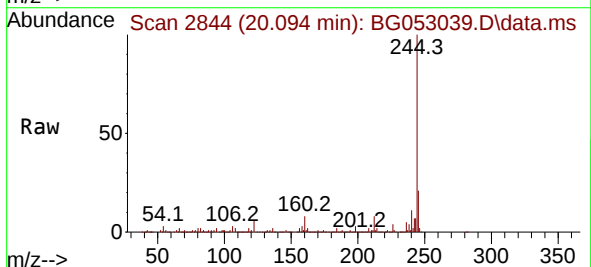
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3

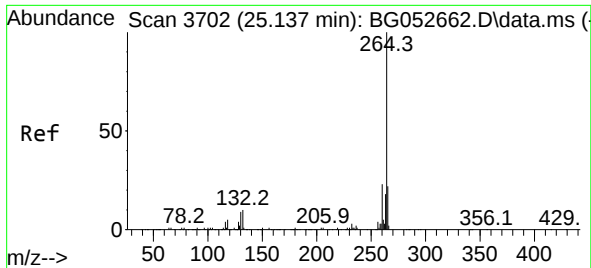
Tgt Ion:184 Resp: 21247
Ion Ratio Lower Upper
184 100
185 15.3 11.5 17.3
183 5.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 82.412 ng
RT: 20.094 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

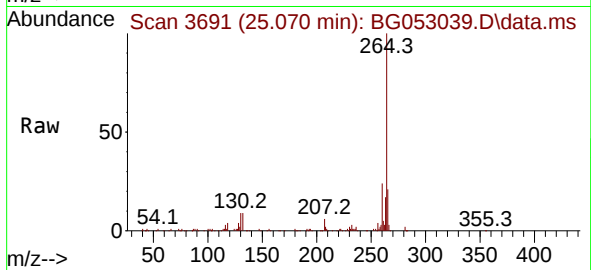
Tgt Ion:244 Resp: 1176782
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.0 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 30
Delta R.T. -0.042 min
Lab File: BG053039.D
Acq: 5 Apr 2022 19:51

Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-3



Tgt Ion:264 Resp: 259926

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	21.2	15.1	22.7

