

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053908.D
 Acq On : 14 Jun 2022 19:25
 Operator : CG/JU
 Sample : N3304-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-6

Quant Time: Jun 15 03:03:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

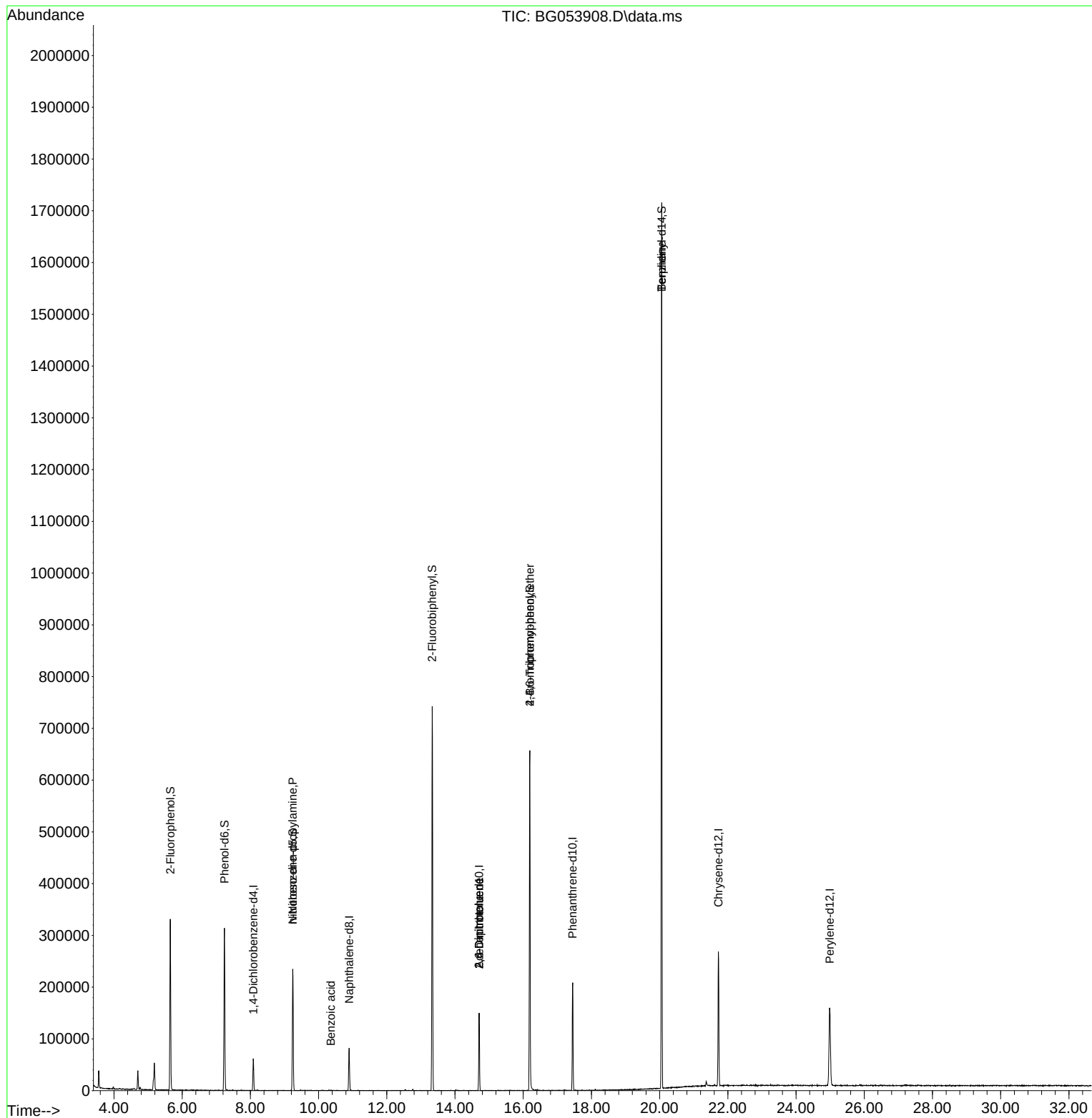
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	19583	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	74708	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	58048	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	156283	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	188889	20.000	ng	0.00
86) Perylene-d12	24.983	264	192494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	156378	152.674	ng	0.00
7) Phenol-d6	7.239	99	188021	135.317	ng	0.00
23) Nitrobenzene-d5	9.243	82	148979	112.064	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	169899	182.169	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	430210	107.770	ng	0.00
79) Terphenyl-d14	20.060	244	967531	103.166	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.243	70	20054	21.483	ng	# 81
32) Benzoic acid	10.359	122	119	11.508	ng	# 1
51) 2,6-Dinitrotoluene	14.707	165	7809	8.743	ng	# 16
57) 2,4-Dinitrotoluene	14.707	165	7809	6.190	ng	# 21
67) 4-Bromophenyl-phenylether	16.194	248	10659	5.461	ng	# 1
77) Benzidine	20.060	184	12088	3.090	ng	# 93

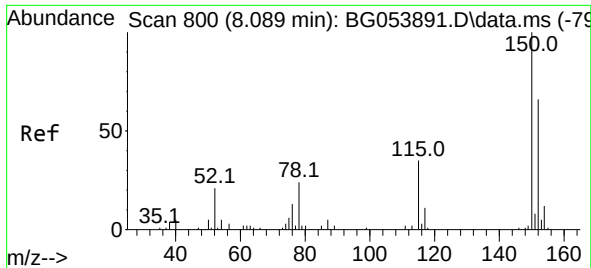
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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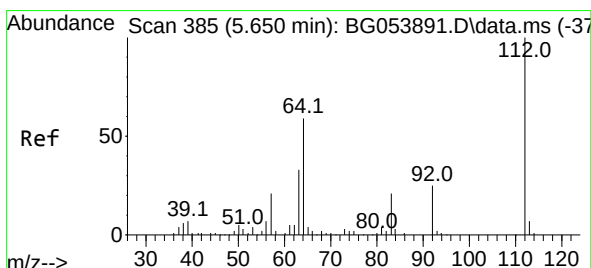
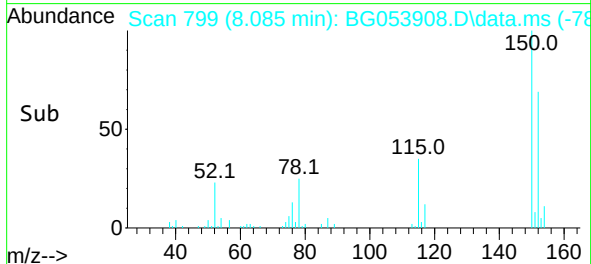
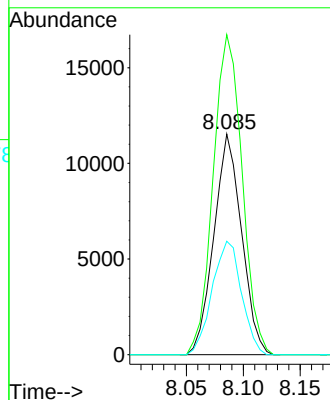
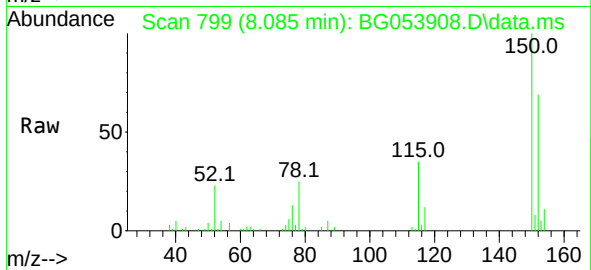




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

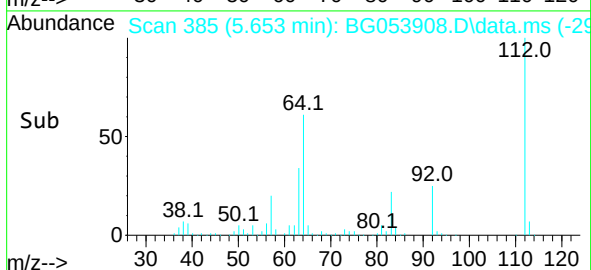
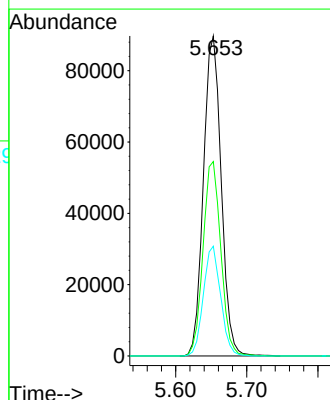
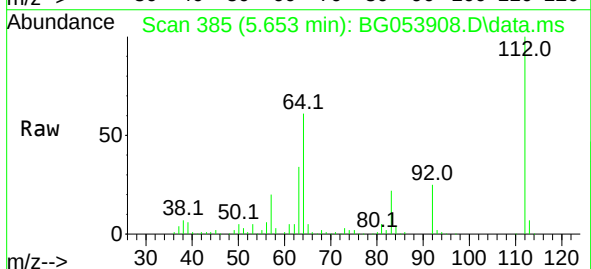
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6

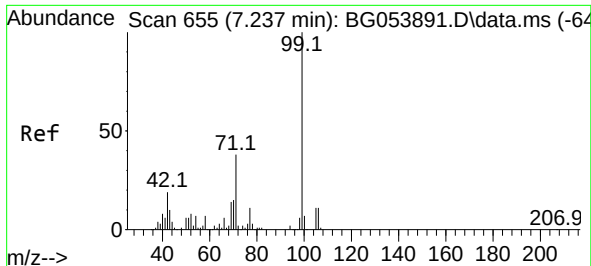
Tgt Ion:152 Resp: 19583
Ion Ratio Lower Upper
152 100
150 145.1 131.6 197.4
115 51.4 50.9 76.3



#5
2-Fluorophenol
Concen: 152.674 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.003 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

Tgt Ion:112 Resp: 156378
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 34.3 30.4 45.6

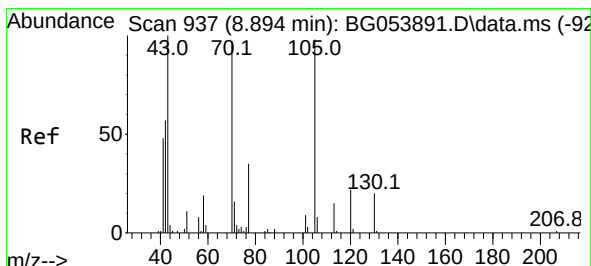
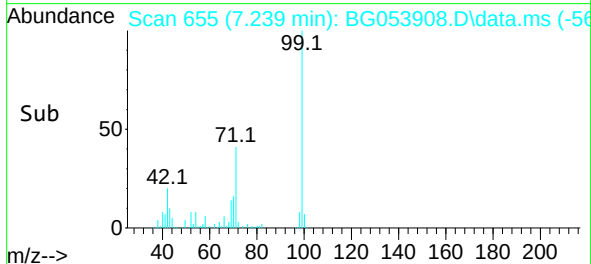
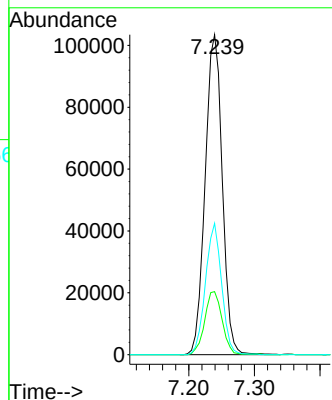
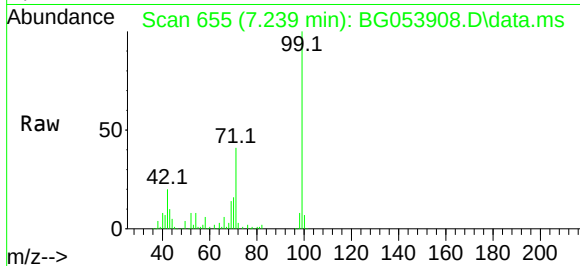




#7
Phenol-d6
Concen: 135.317 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

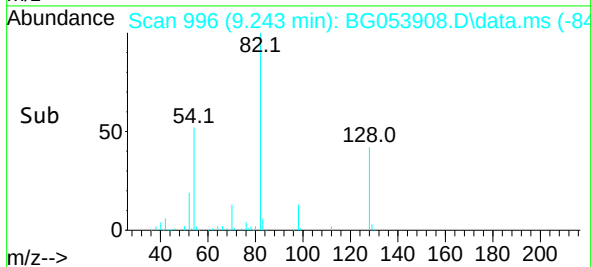
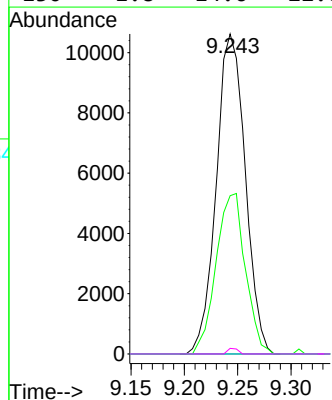
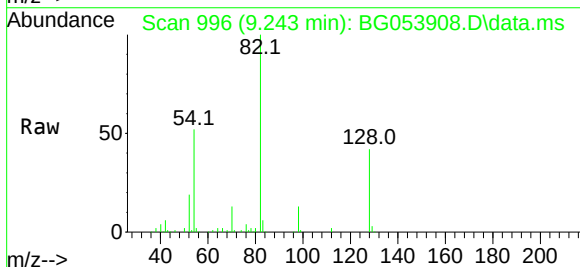
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6

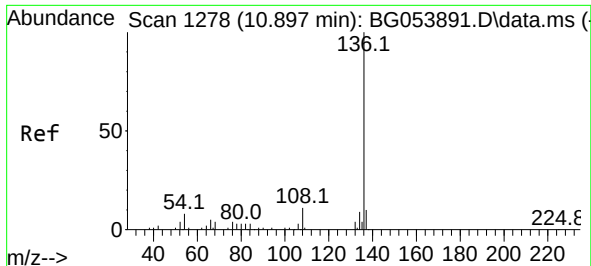
Tgt Ion: 99 Resp: 188021
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 41.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.483 ng
RT: 9.243 min Scan# 996
Delta R.T. 0.349 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

Tgt Ion: 70 Resp: 20054
Ion Ratio Lower Upper
70 100
42 49.5 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

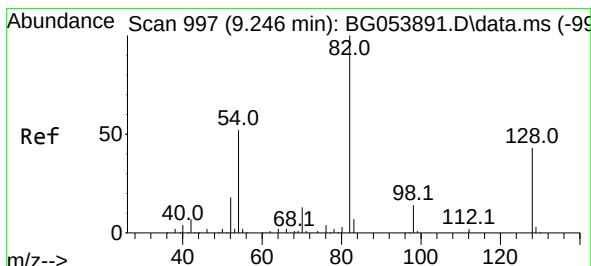
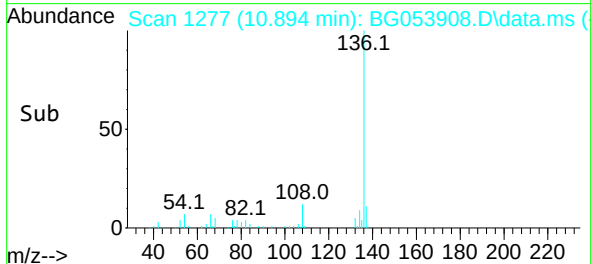
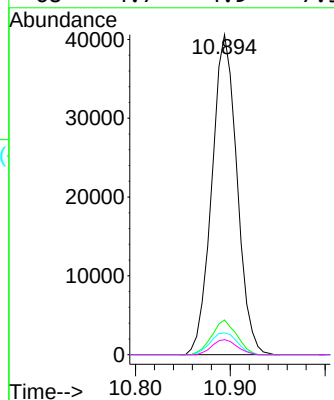
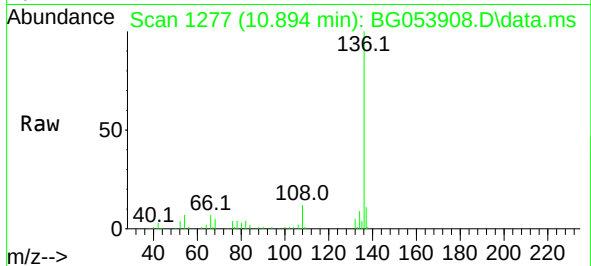




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

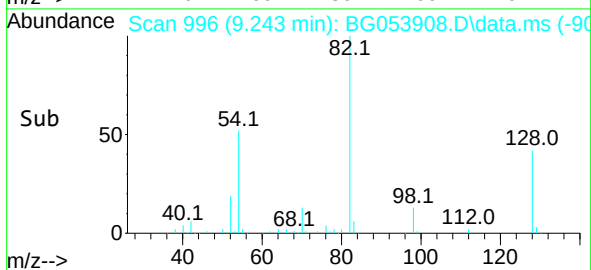
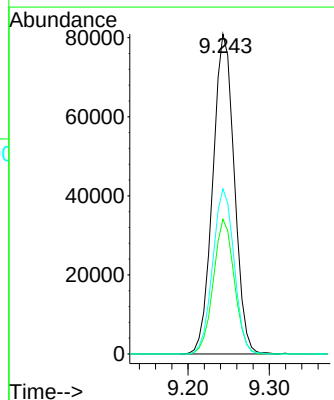
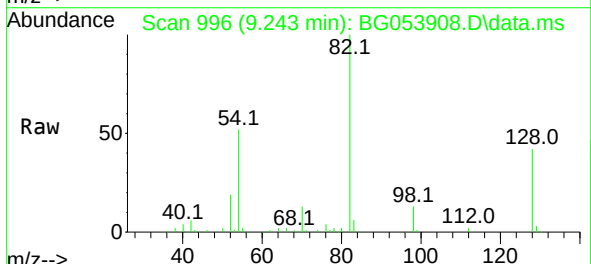
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6

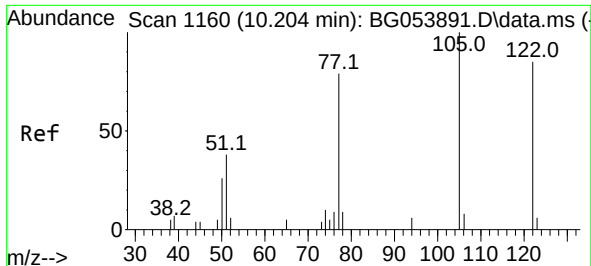
Tgt Ion:	136	Resp:	74708
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	6.8	7.4	11.2#
68	4.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 112.064 ng
RT: 9.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

Tgt Ion:	82	Resp:	148979
Ion Ratio	Lower	Upper	
82	100		
128	42.1	27.9	41.9#
54	51.6	41.2	61.8

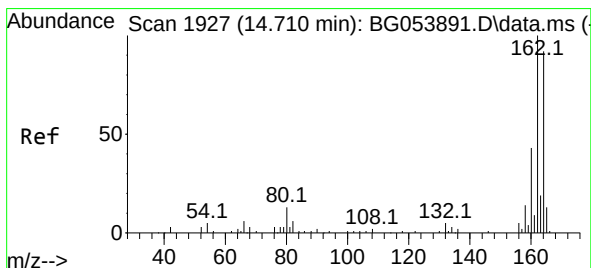
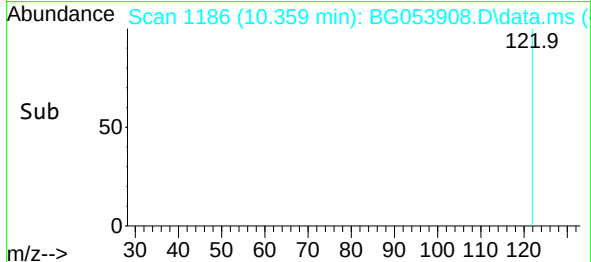
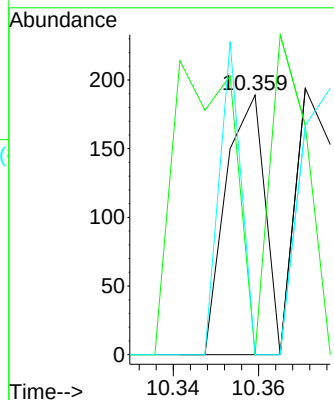
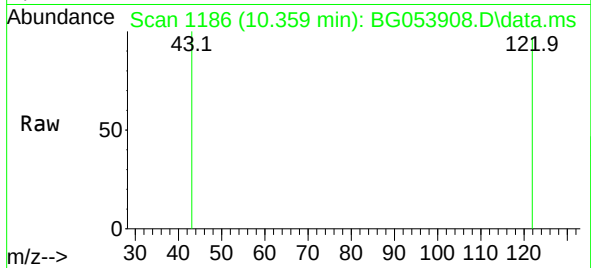




#32
Benzoic acid
Concen: 11.508 ng
RT: 10.359 min Scan# 1160
Delta R.T. 0.155 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

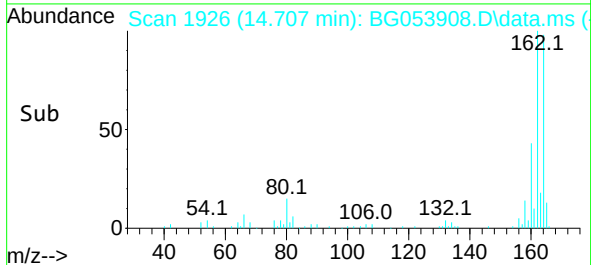
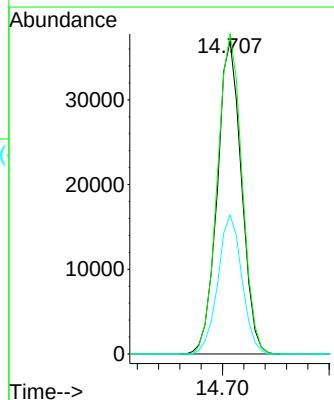
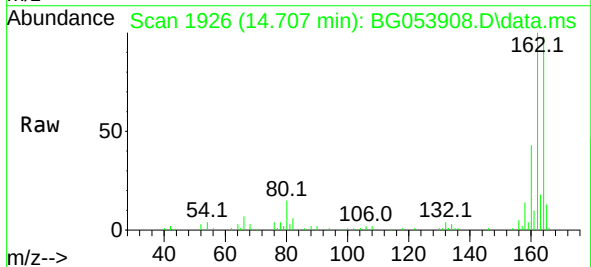
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6

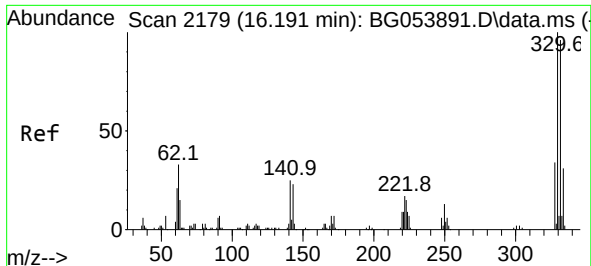
Tgt Ion:122 Resp: 119
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 0.0 109.4 149.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

Tgt Ion:164 Resp: 58048
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 44.4 34.2 51.2

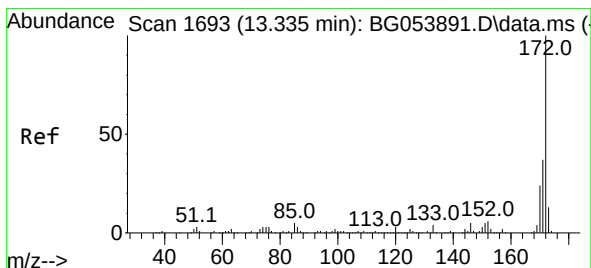
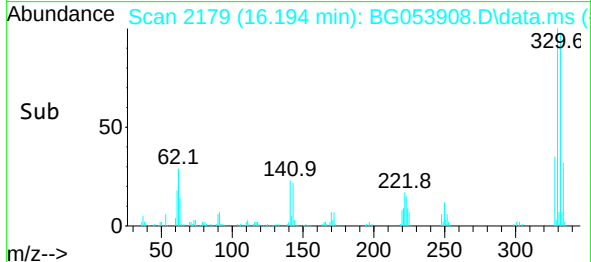
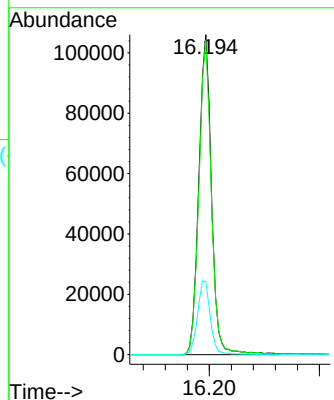
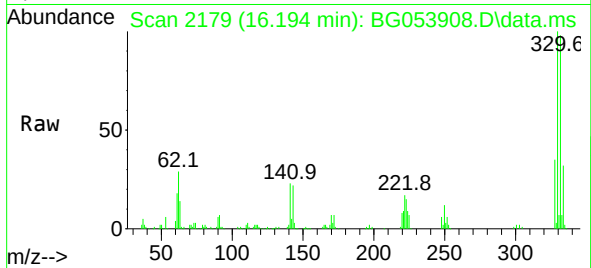




#42
 2,4,6-Tribromophenol
 Concen: 182.169 ng
 RT: 16.194 min Scan# 2179
 Delta R.T. 0.003 min
 Lab File: BG053908.D
 Acq: 14 Jun 2022 19:25

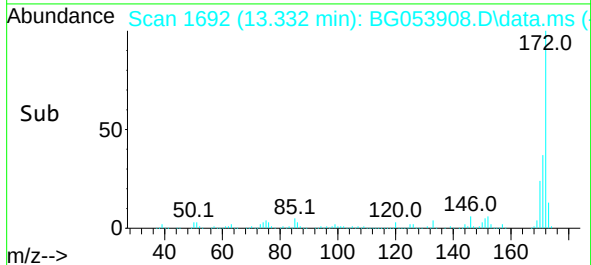
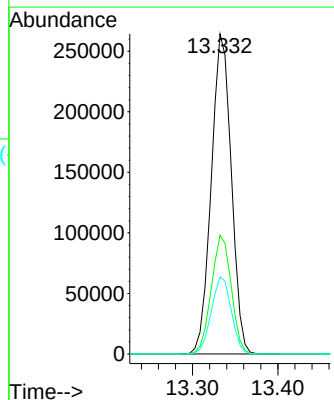
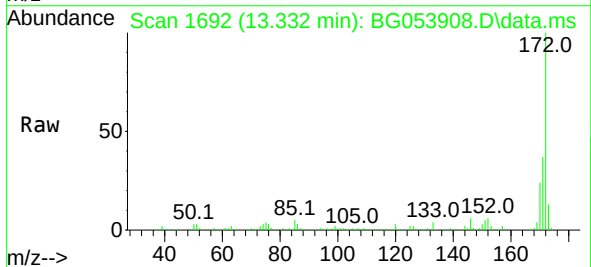
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 WC-14A-1A-6

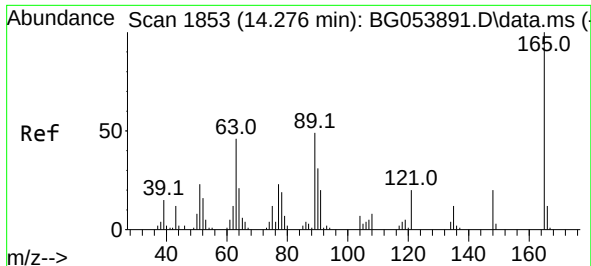
Tgt Ion:330 Resp: 169899
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 23.4 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 107.770 ng
 RT: 13.332 min Scan# 1692
 Delta R.T. -0.003 min
 Lab File: BG053908.D
 Acq: 14 Jun 2022 19:25

Tgt Ion:172 Resp: 430210
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.5 42.7
 170 24.0 18.9 28.3

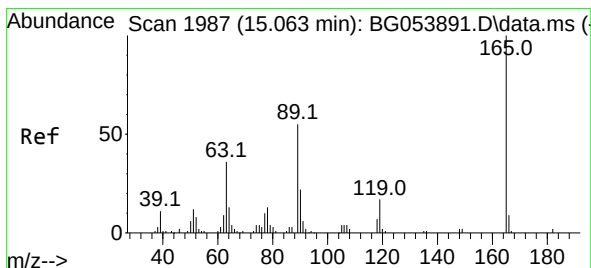
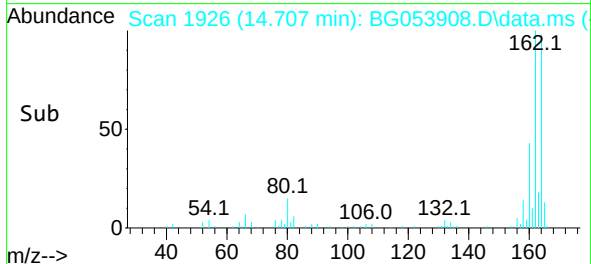
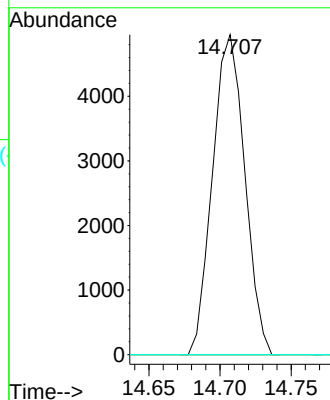
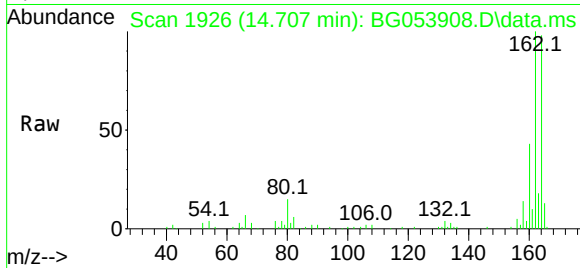




#51
2,6-Dinitrotoluene
Concen: 8.743 ng
RT: 14.707 min Scan# 1926
Delta R.T. 0.431 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

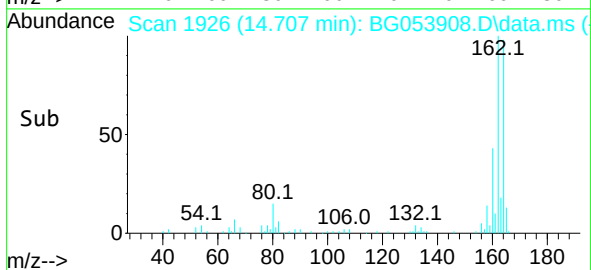
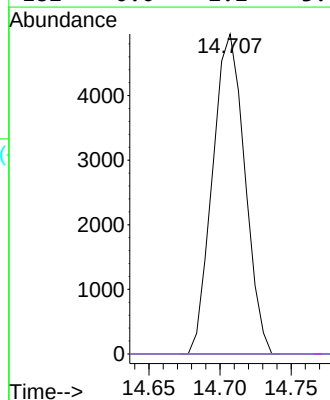
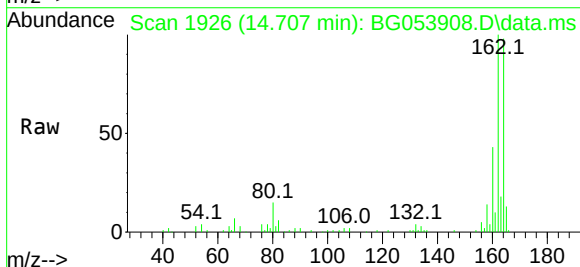
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WC-14A-1A-6

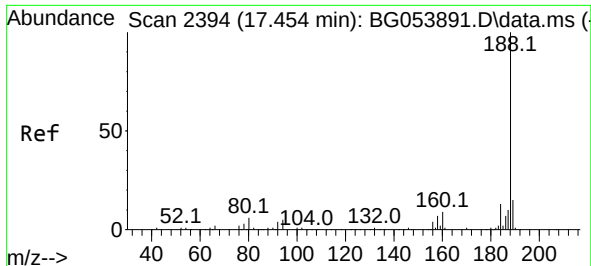
Tgt Ion:165 Resp: 7809
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.190 ng
RT: 14.707 min Scan# 1926
Delta R.T. -0.356 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

Tgt Ion:165 Resp: 7809
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#

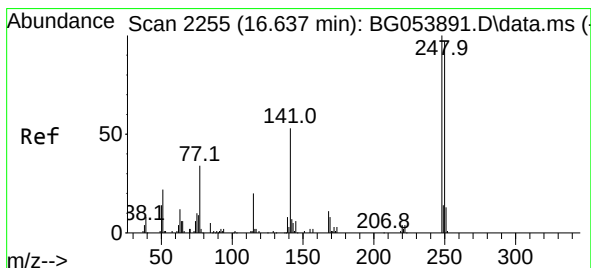
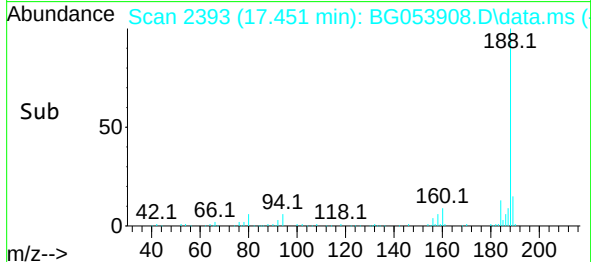
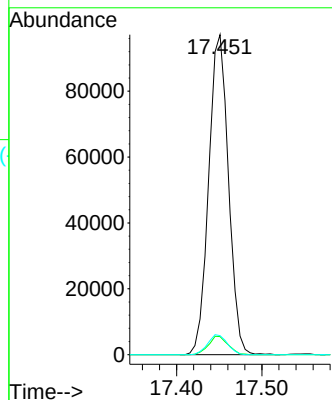
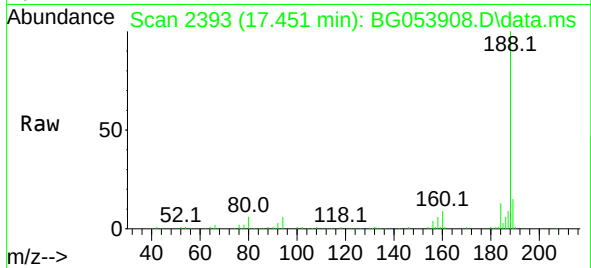




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2179
Delta R.T. -0.003 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

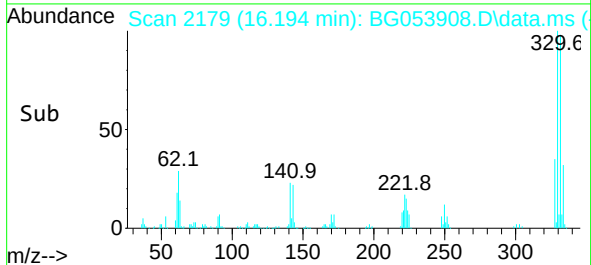
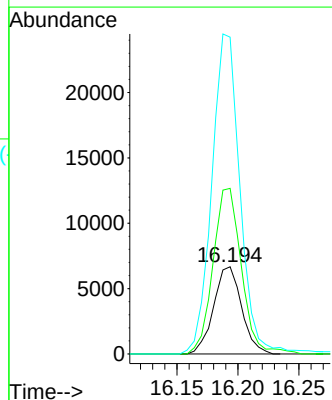
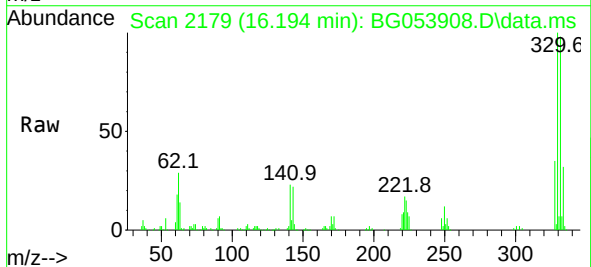
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6

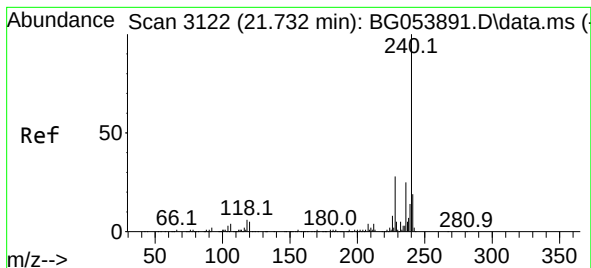
Tgt Ion:188 Resp: 156283
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 5.9 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 5.461 ng
RT: 16.194 min Scan# 2179
Delta R.T. -0.444 min
Lab File: BG053908.D
Acq: 14 Jun 2022 19:25

Tgt Ion:248 Resp: 10659
Ion Ratio Lower Upper
248 100
250 245.5 75.2 112.8#
141 363.4 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053908.D

Acq: 14 Jun 2022 19:25

Instrument :

BNA_G

ClientSampleId :

WC-14A-1A-6

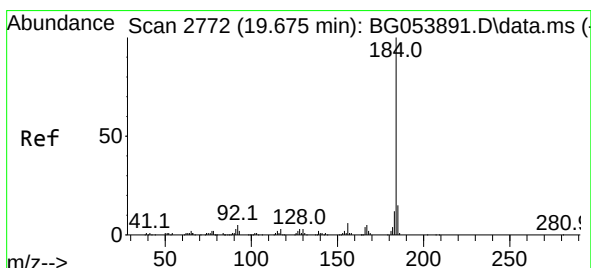
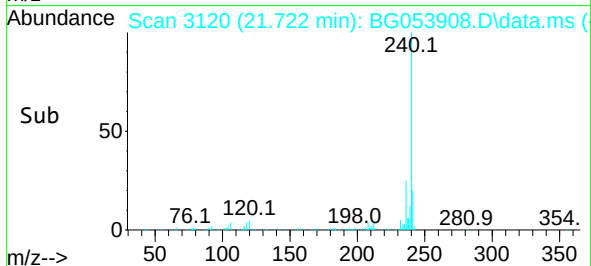
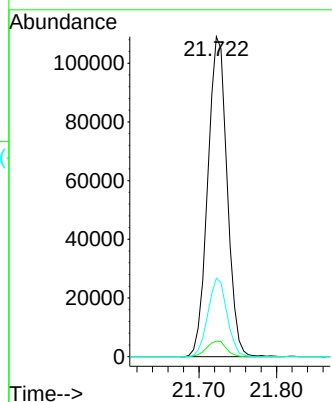
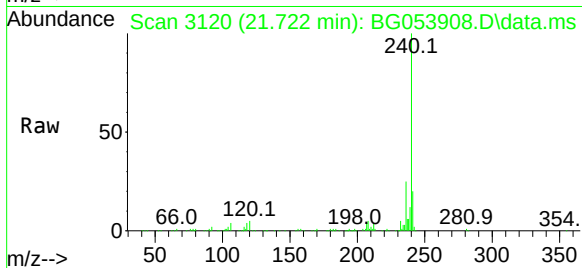
Tgt Ion:240 Resp: 188889

Ion Ratio Lower Upper

240 100

120 4.9 4.6 7.0

236 24.5 20.2 30.4



#77

Benzidine

Concen: 3.090 ng

RT: 20.060 min Scan# 2837

Delta R.T. 0.384 min

Lab File: BG053908.D

Acq: 14 Jun 2022 19:25

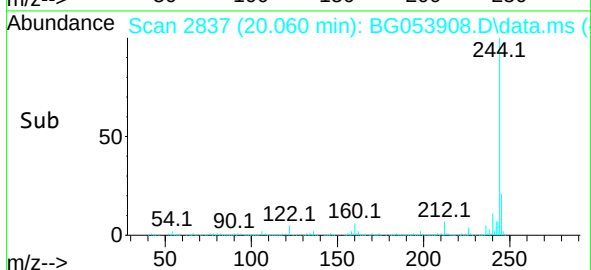
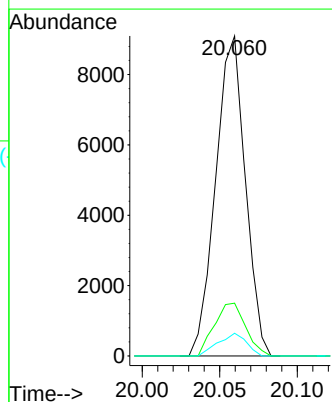
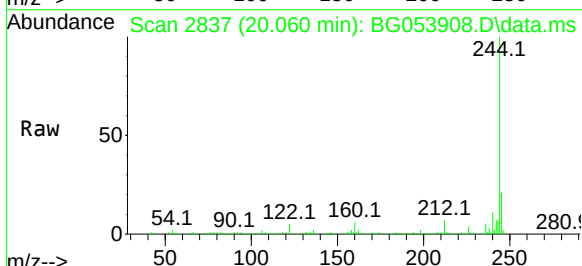
Tgt Ion:184 Resp: 12088

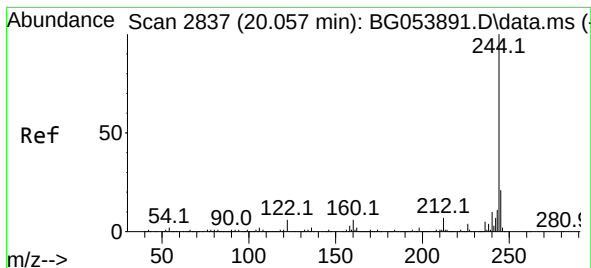
Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.6

183 7.1 8.9 13.3#





#79

Terphenyl-d14

Concen: 103.166 ng

RT: 20.060 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG053908.D

Acq: 14 Jun 2022 19:25

Instrument :

BNA_G

ClientSampleId :

WC-14A-1A-6

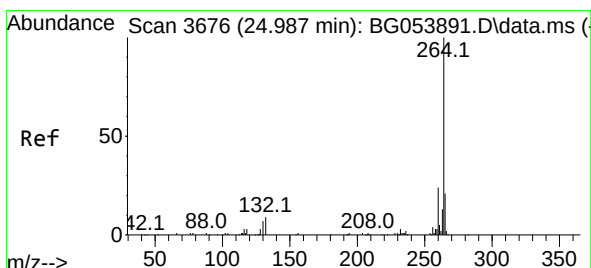
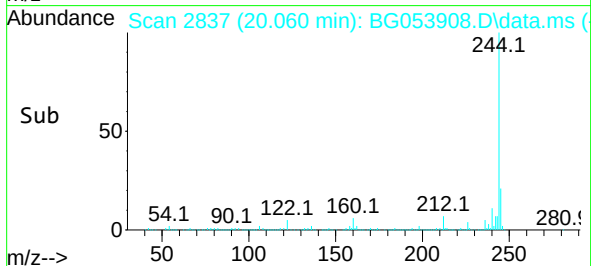
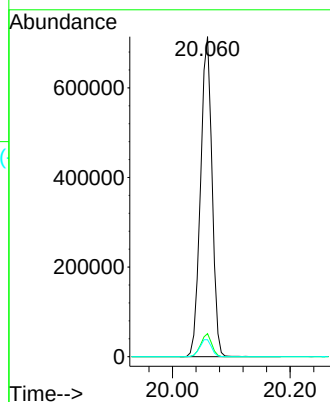
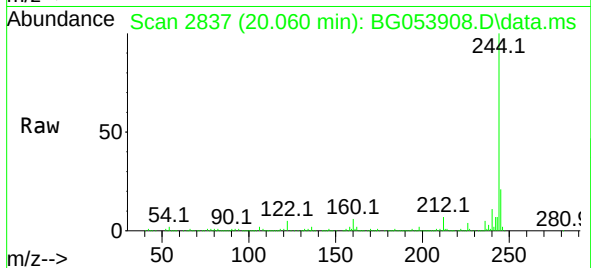
Tgt Ion:244 Resp: 967531

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 5.3 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 3675

Delta R.T. -0.003 min

Lab File: BG053908.D

Acq: 14 Jun 2022 19:25

Tgt Ion:264 Resp: 192494

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.9 17.4 26.2

