

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053853.D
 Acq On : 8 Jun 2022 15:11
 Operator : CG/JU
 Sample : N3209-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-2-1-GR

Quant Time: Jun 09 02:29:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

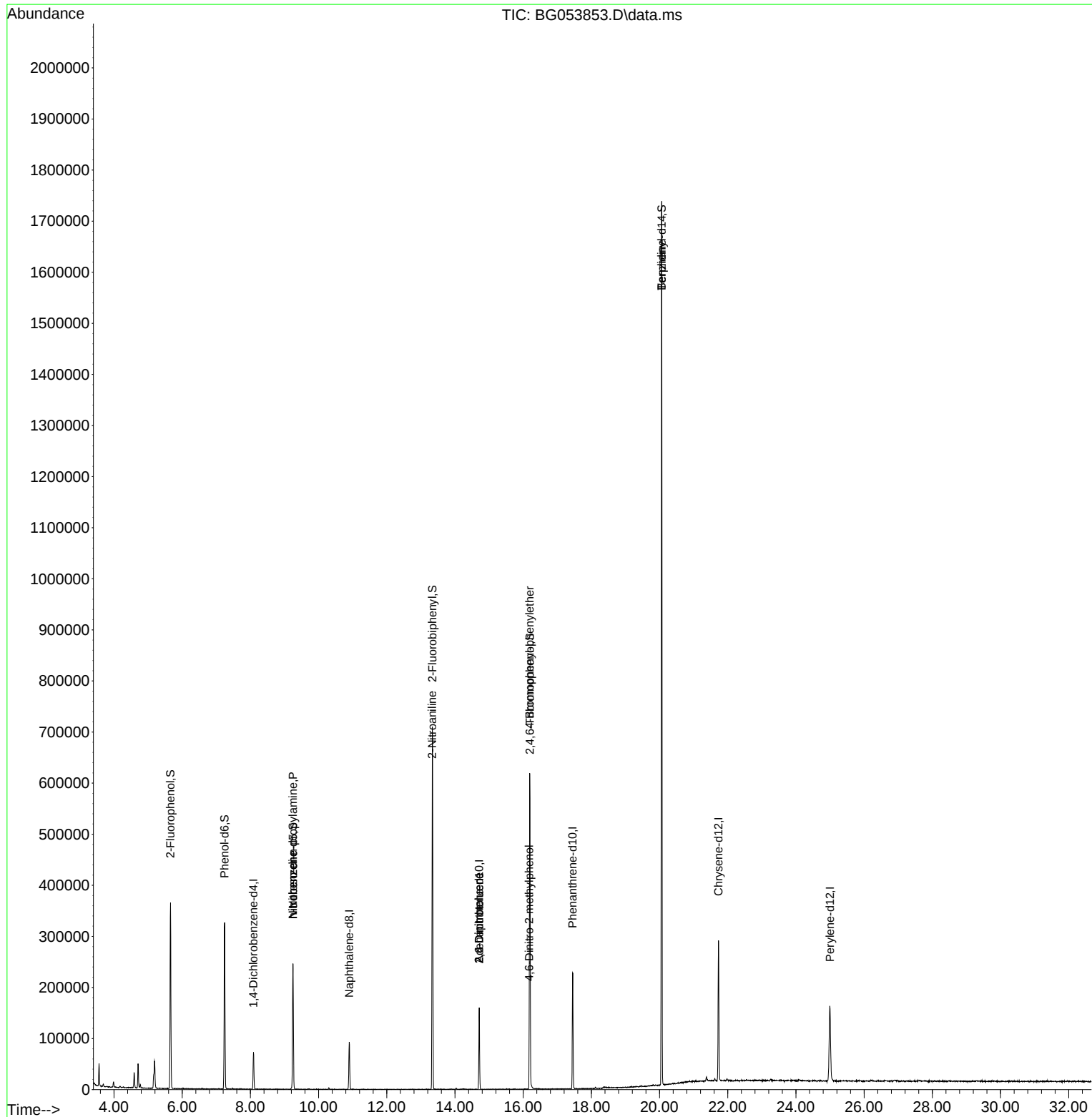
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	22608	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	84514	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	62404	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	166168	20.000	ng	0.00
76) Chrysene-d12	21.727	240	192470	20.000	ng	0.00
86) Perylene-d12	24.994	264	169289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	168090	136.532	ng	0.00
7) Phenol-d6	7.244	99	200214	120.054	ng	0.00
23) Nitrobenzene-d5	9.247	82	156800	121.835	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	152292	201.046	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	418766	100.391	ng	0.00
79) Terphenyl-d14	20.064	244	1004671	103.845	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	20655	17.487	ng	# 84
24) Nitrobenzene	9.247	77	467	3.278	ng	# 48
48) 2-Nitroaniline	13.331	65	537	5.587	ng	# 1
51) 2,6-Dinitrotoluene	14.712	165	8585	13.629	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	8585	11.378	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.174	198	85	5.721	ng	# 32
67) 4-Bromophenyl-phenylether	16.192	248	9595	5.314	ng	# 1
77) Benzidine	20.064	184	13451	2.858	ng	# 93

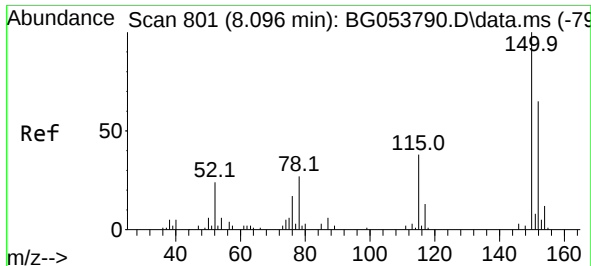
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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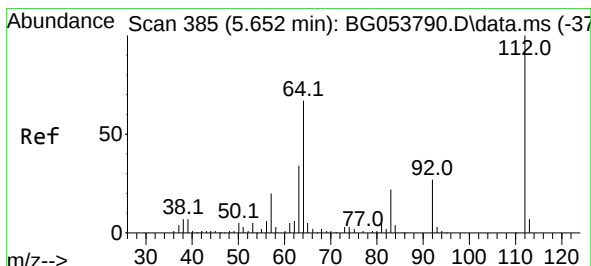
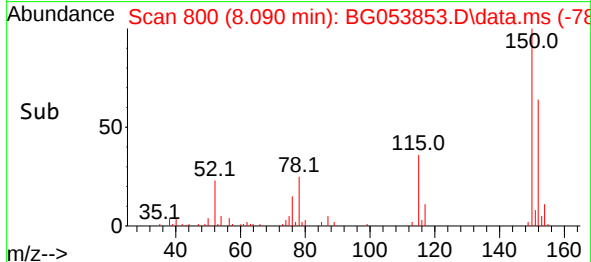
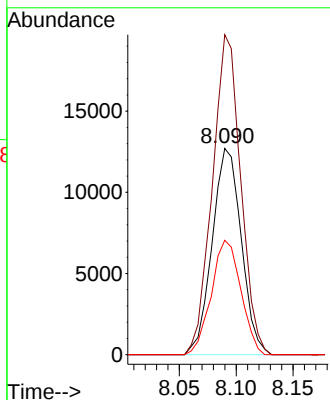
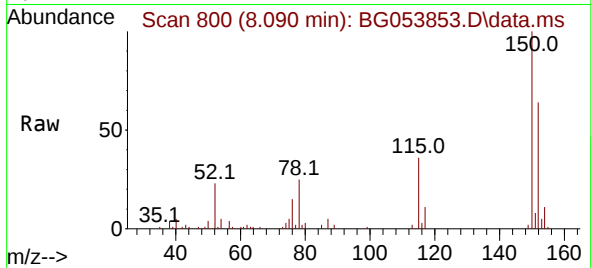




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

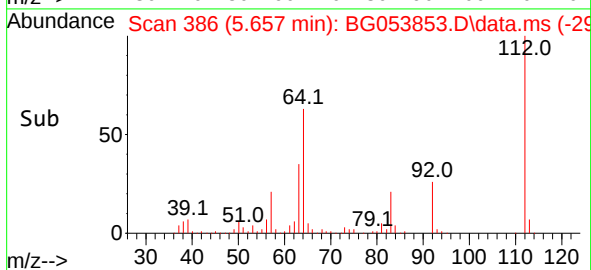
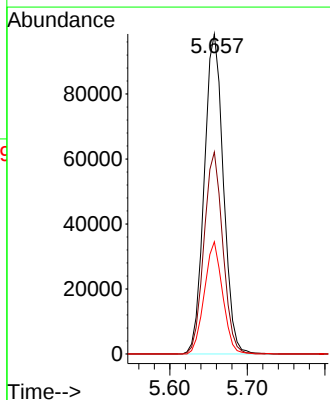
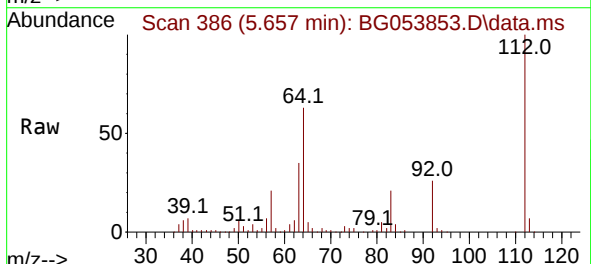
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1-GR

Tgt Ion:152 Resp: 22608
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 55.4 50.9 76.3



#5
2-Fluorophenol
Concen: 136.532 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion:112 Resp: 168090
Ion Ratio Lower Upper
112 100
64 63.1 55.1 82.7
63 35.0 30.4 45.6

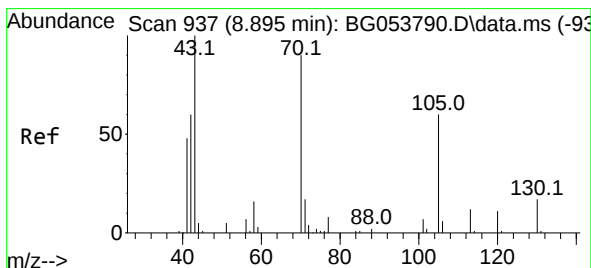
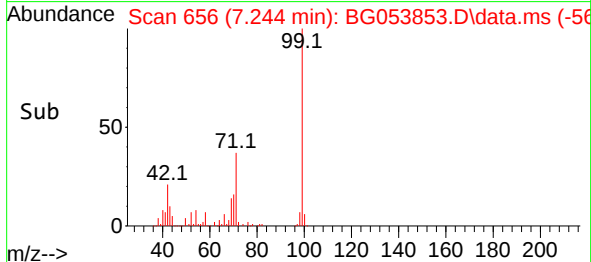
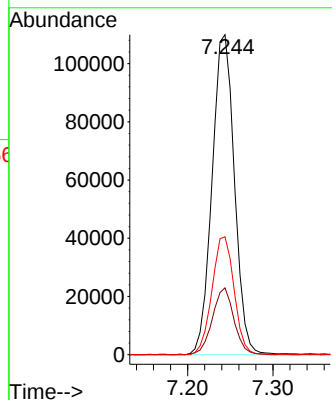
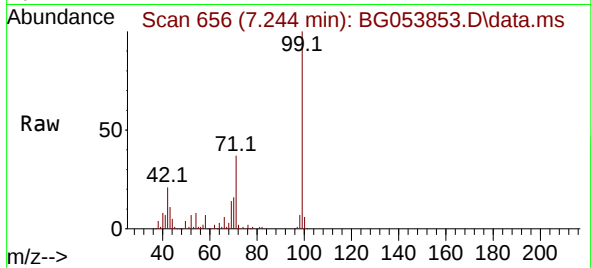




#7
Phenol-d6
Concen: 120.054 ng
RT: 7.244 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

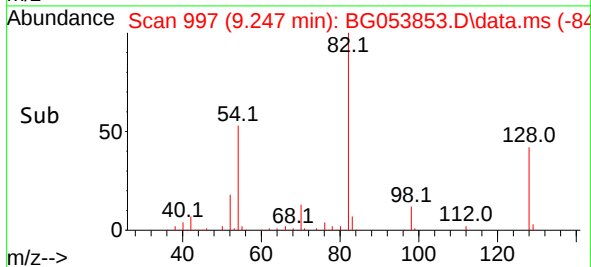
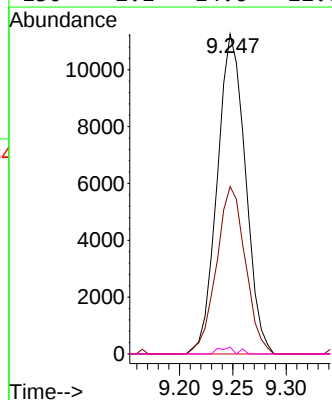
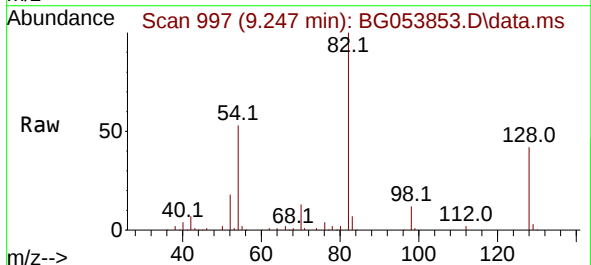
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1-GR

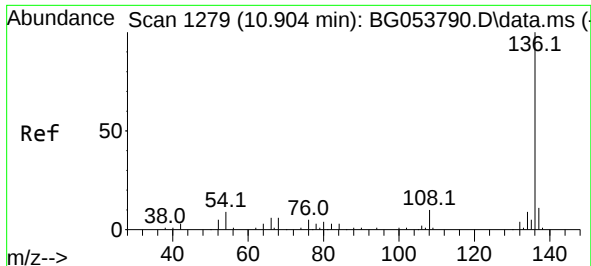
Tgt Ion: 99 Resp: 200214
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 36.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.487 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion: 70 Resp: 20655
Ion Ratio Lower Upper
70 100
42 52.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#

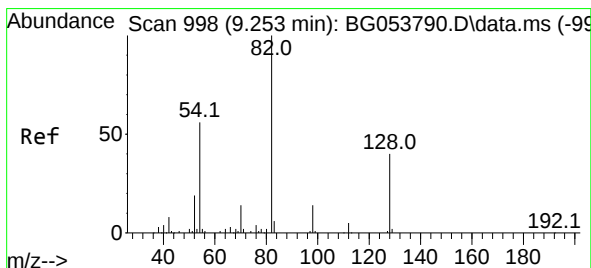
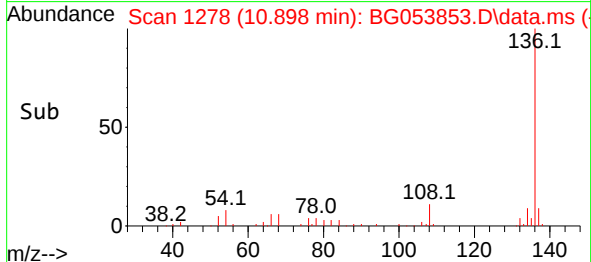
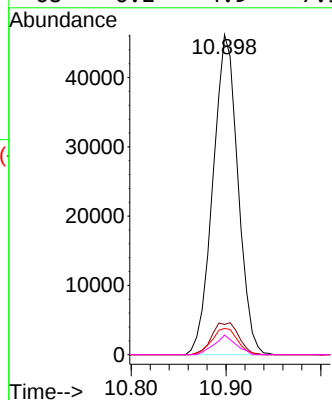
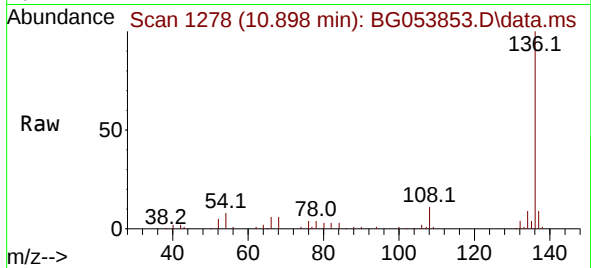




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

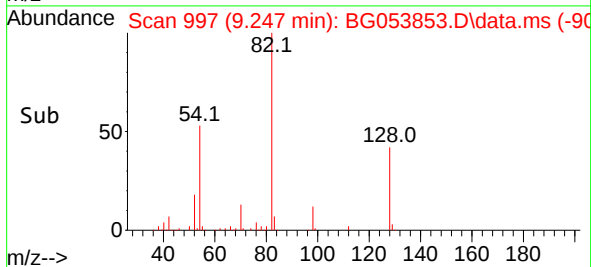
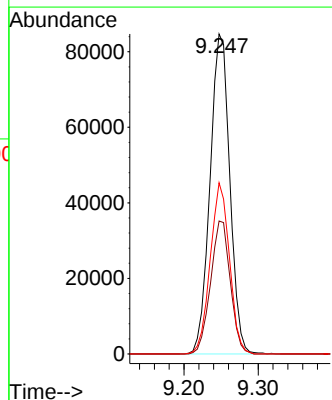
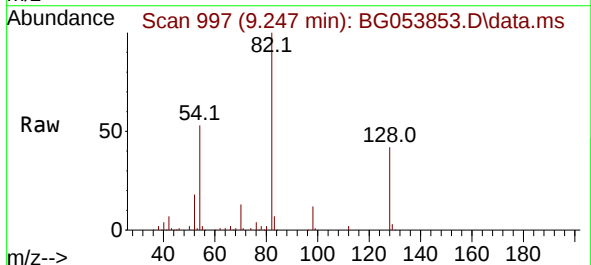
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1-GR

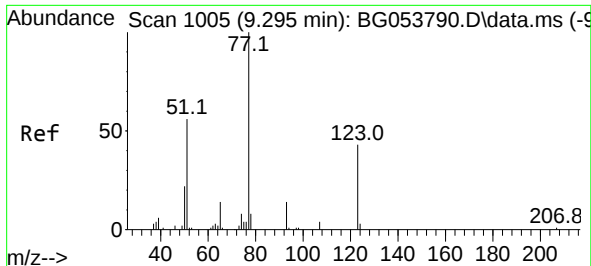
Tgt Ion:136	Resp:	84514
Ion Ratio	Lower	Upper
136	100	
137	9.4	8.5 12.7
54	8.2	7.4 11.2
68	6.2	4.9 7.3



#23
Nitrobenzene-d5
Concen: 121.835 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion: 82	Resp:	156800
Ion Ratio	Lower	Upper
82	100	
128	41.5	27.9 41.9
54	53.5	41.2 61.8

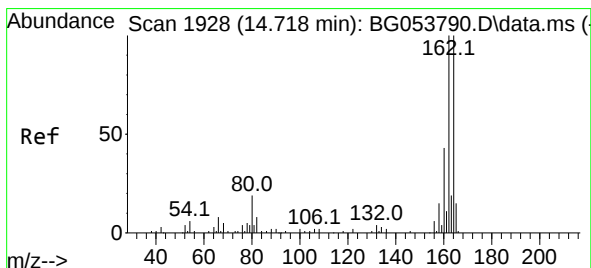
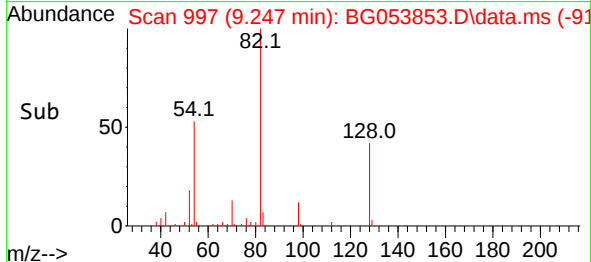
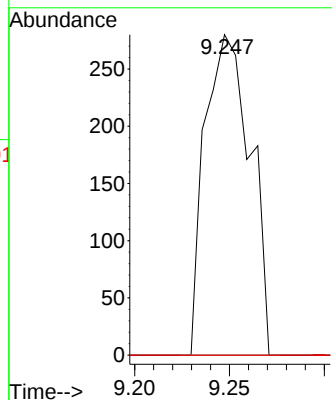
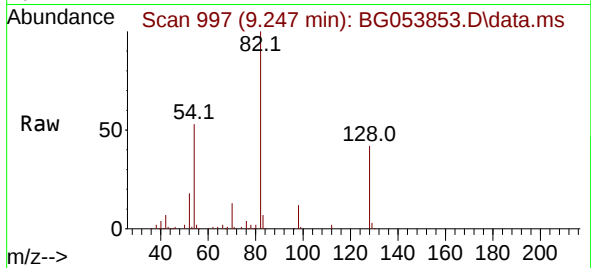




#24
Nitrobenzene
Concen: 3.278 ng
RT: 9.247 min Scan# 91
Delta R.T. -0.048 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

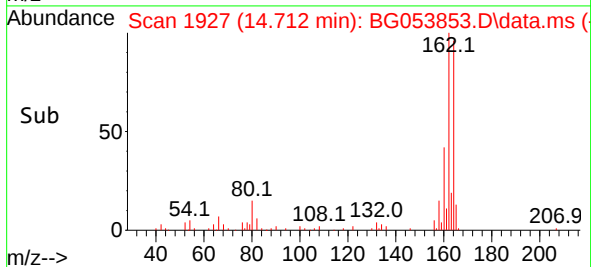
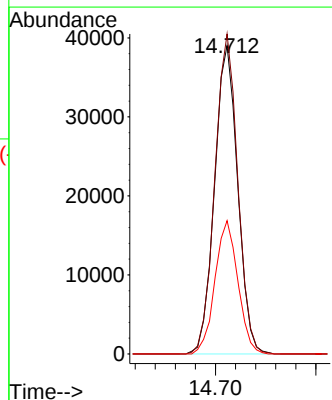
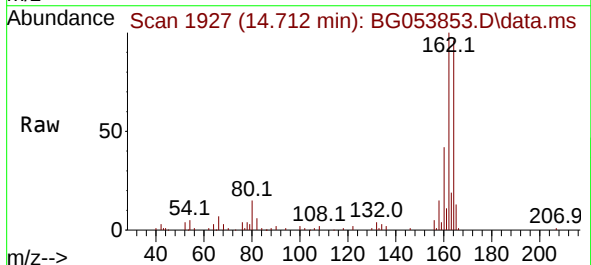
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1-GR

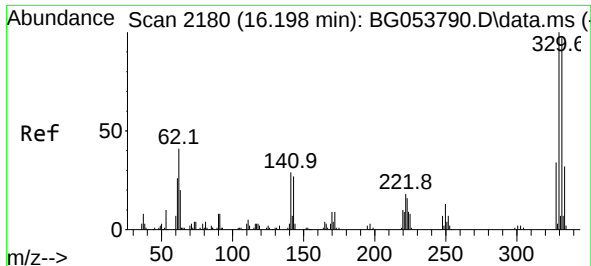
Tgt Ion: 77 Resp: 467
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion:164 Resp: 62404
Ion Ratio Lower Upper
164 100
162 103.7 82.3 123.5
160 43.2 34.2 51.2

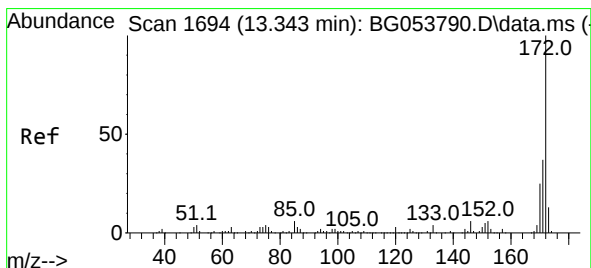
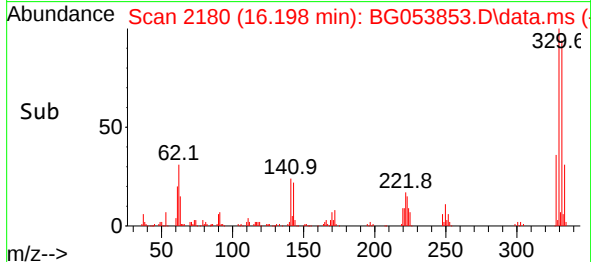
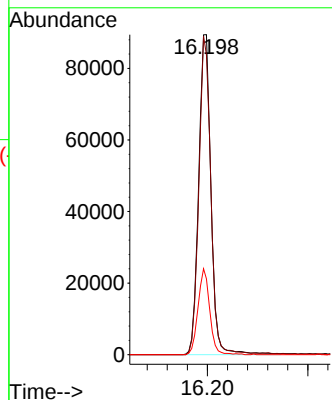
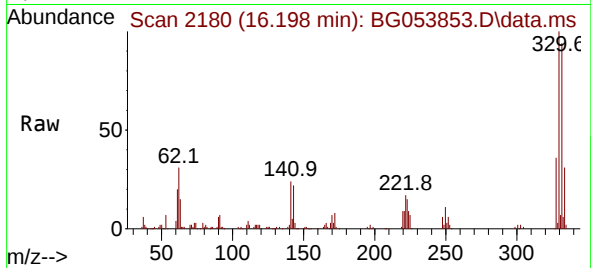




#42
2,4,6-Tribromophenol
Concen: 201.046 ng
RT: 16.198 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

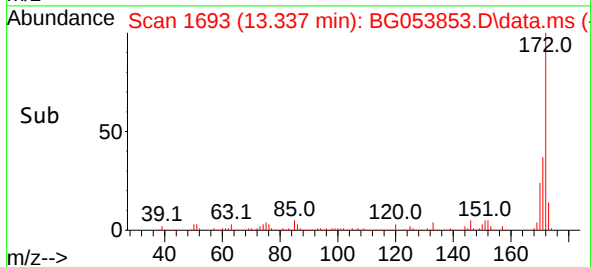
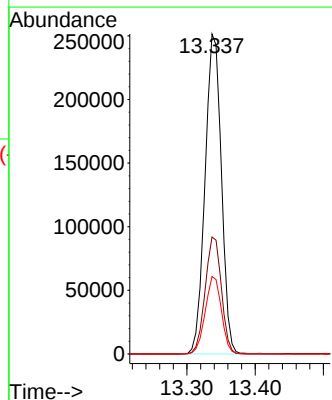
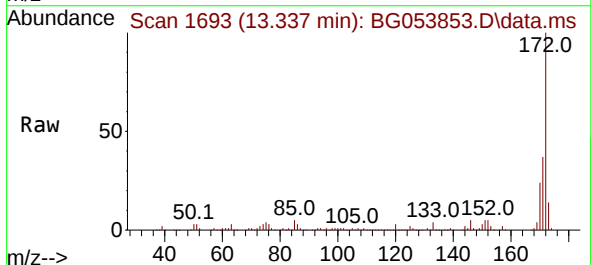
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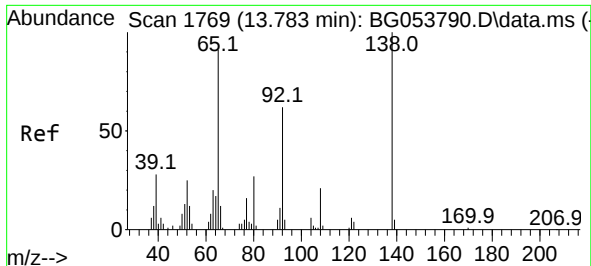
Tgt Ion:330 Resp: 152292
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 25.5 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 100.391 ng
RT: 13.337 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion:172 Resp: 418766
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.2 18.9 28.3

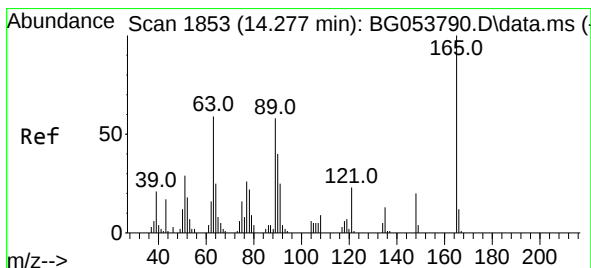
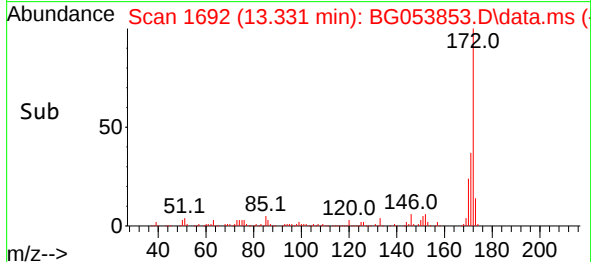
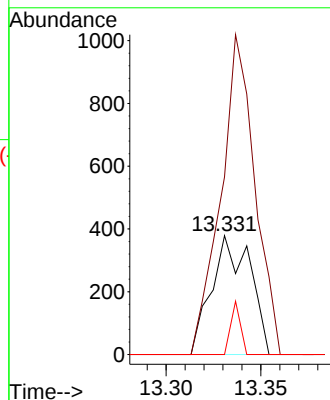
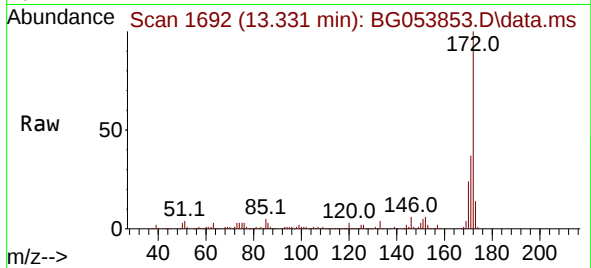




#48
2-Nitroaniline
Concen: 5.587 ng
RT: 13.331 min Scan# 1
Delta R.T. -0.452 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

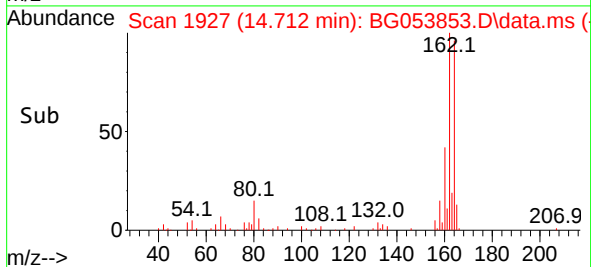
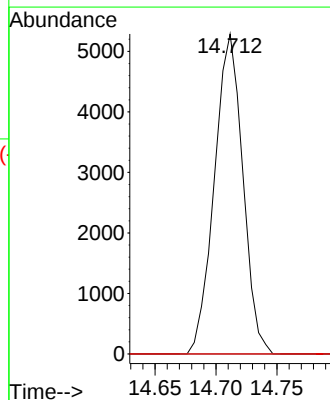
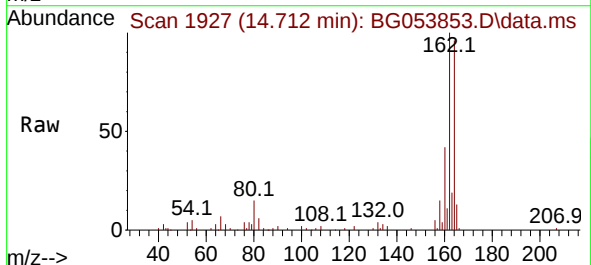
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WC-14B-2-1-GR

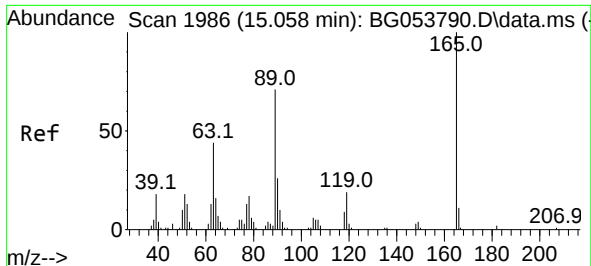
Tgt Ion: 65 Resp: 537
Ion Ratio Lower Upper
65 100
92 149.3 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.629 ng
RT: 14.712 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion: 165 Resp: 8585
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: 11.378 ng

RT: 14.712 min Scan# 1986

Delta R.T. -0.346 min

Lab File: BG053853.D

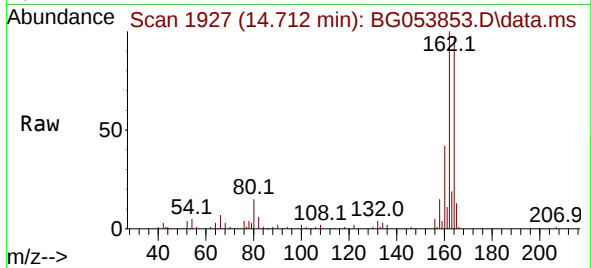
Acq: 8 Jun 2022 15:11

Instrument :

BNA_G

ClientSampleId :

WC-14B-2-1-GR



Tgt Ion:165 Resp: 8585

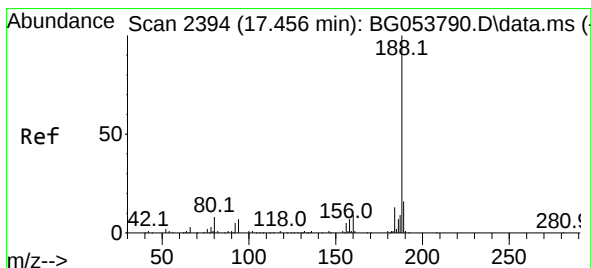
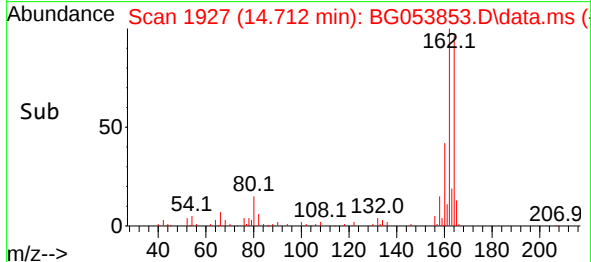
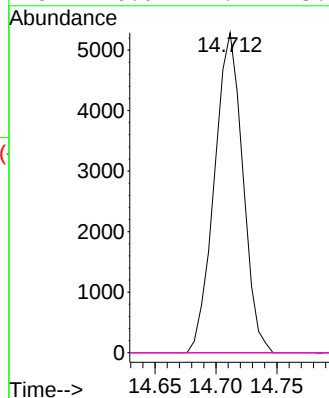
Ion Ratio Lower Upper

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: 17.449 min Scan# 2393

Delta R.T. -0.007 min

Lab File: BG053853.D

Acq: 8 Jun 2022 15:11

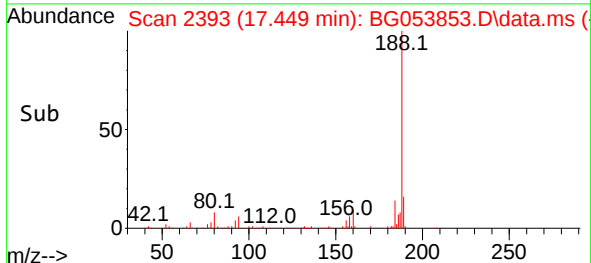
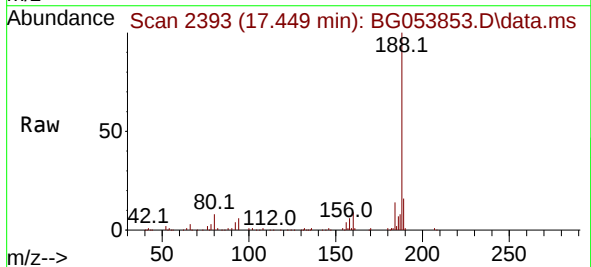
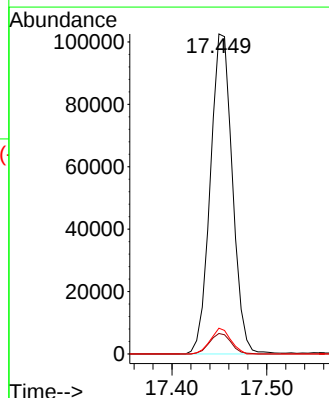
Tgt Ion:188 Resp: 166168

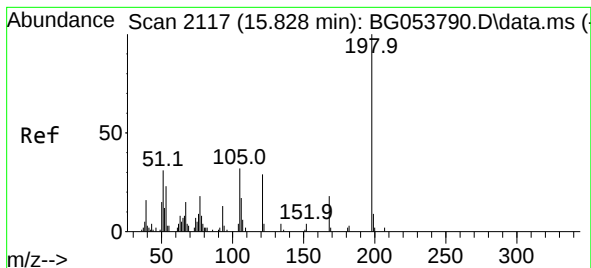
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 8.1 6.8 10.2

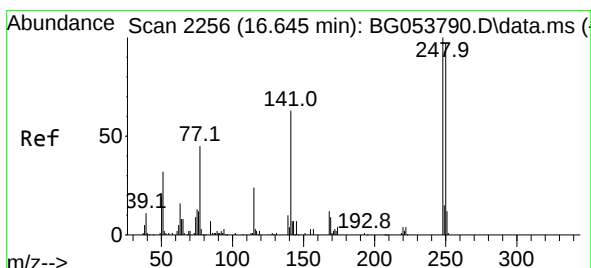
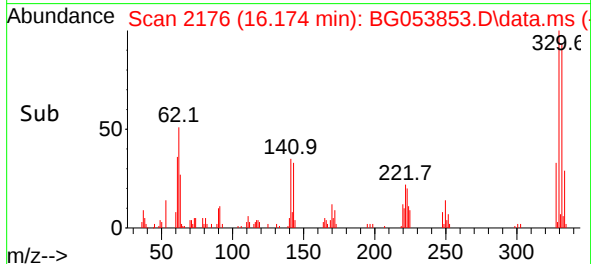
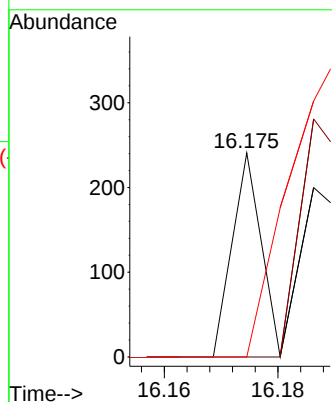
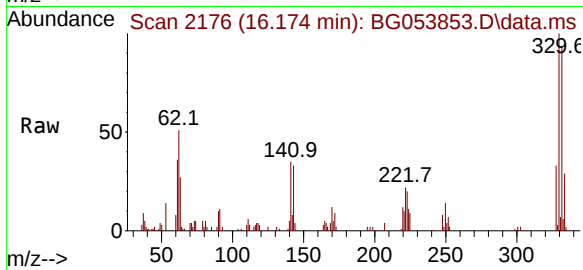




#65
4,6-Dinitro-2-methylphenol
Concen: 5.721 ng
RT: 16.174 min Scan# 2117
Delta R.T. 0.346 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

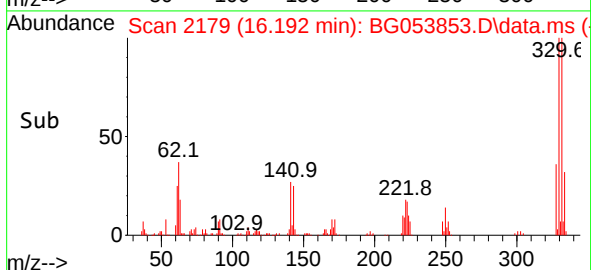
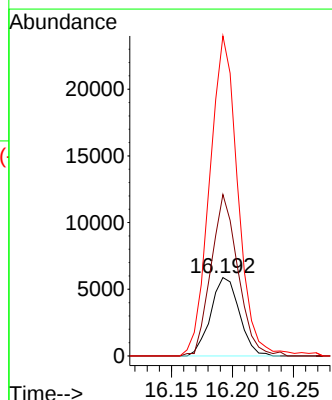
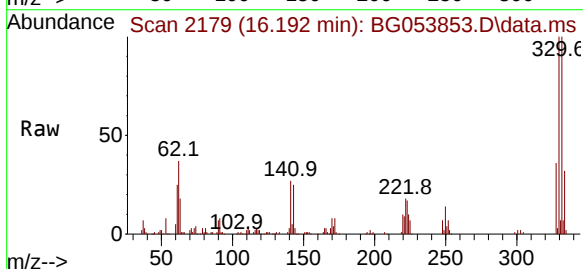
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1-GR

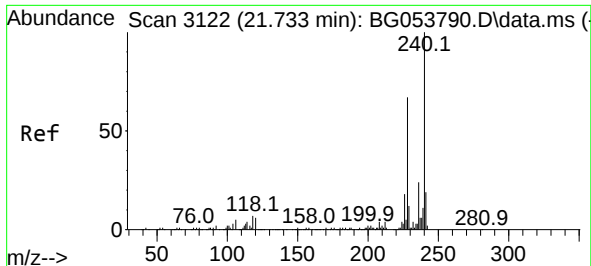
Tgt Ion:198 Resp: 85
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 0.0 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.314 ng
RT: 16.192 min Scan# 2179
Delta R.T. -0.453 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion:248 Resp: 9595
Ion Ratio Lower Upper
248 100
250 202.0 75.2 112.8#
141 307.5 50.0 75.0#

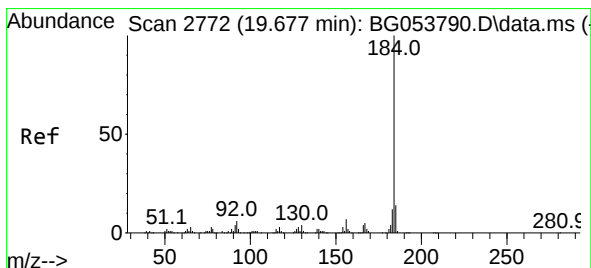
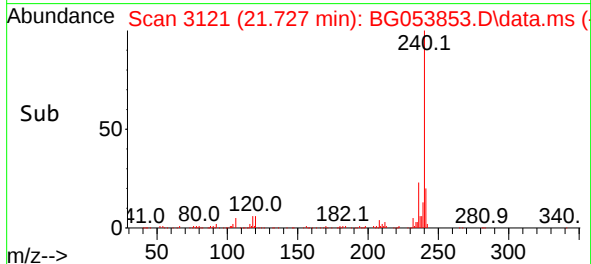
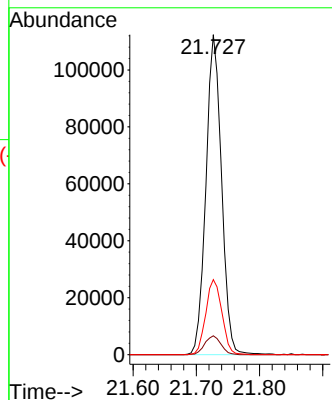
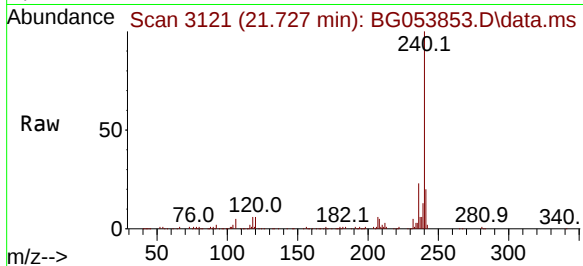




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

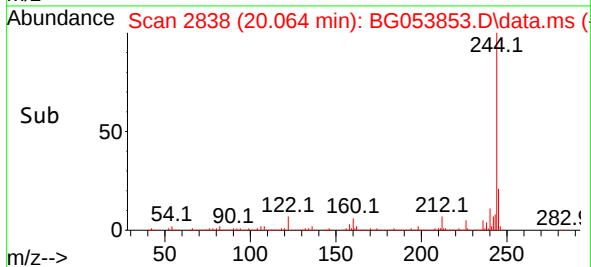
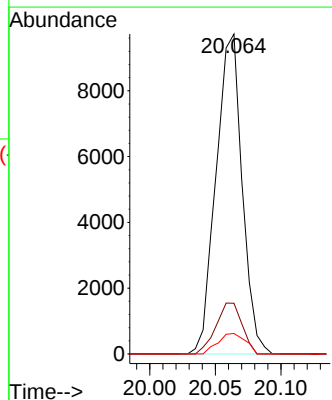
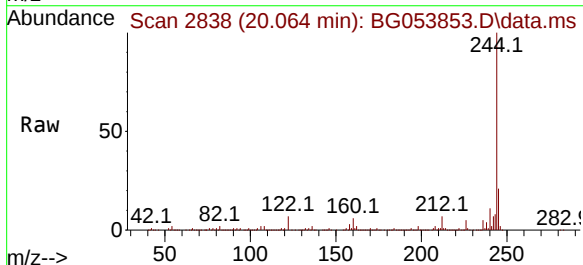
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1-GR

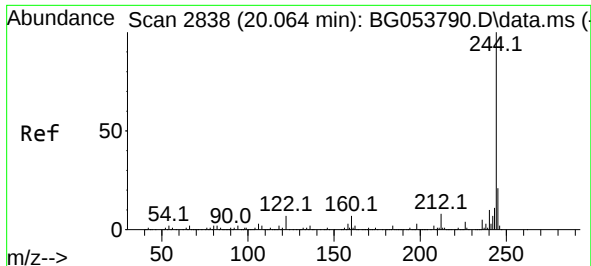
Tgt Ion:240 Resp: 192470
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 23.5 20.2 30.4



#77
Benzidine
Concen: 2.858 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.388 min
Lab File: BG053853.D
Acq: 8 Jun 2022 15:11

Tgt Ion:184 Resp: 13451
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 6.4 8.9 13.3#

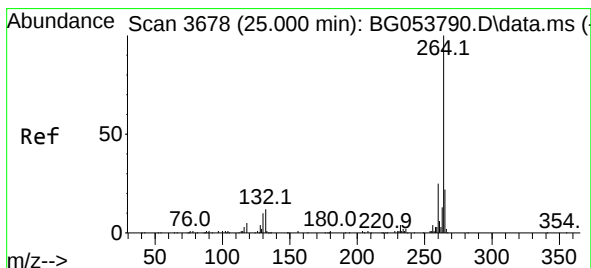
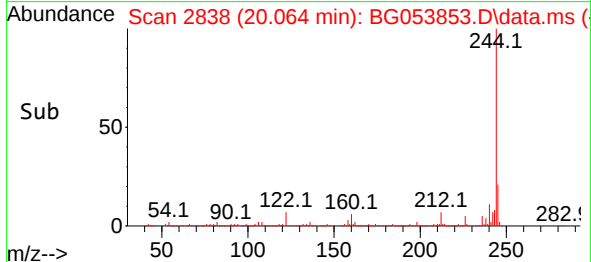
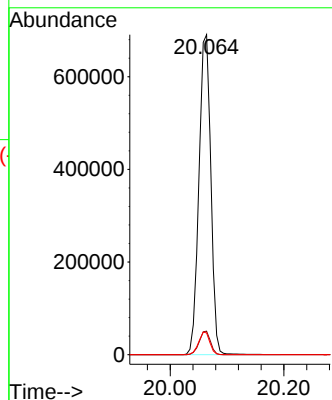
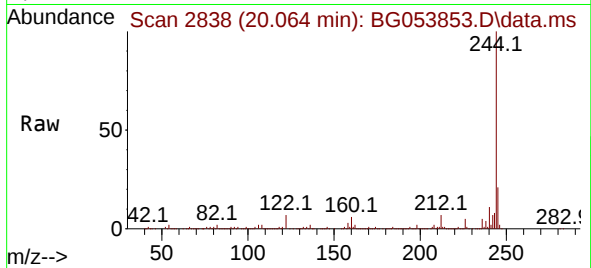




#79
 Terphenyl-d14
 Concen: 103.845 ng
 RT: 20.064 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053853.D
 Acq: 8 Jun 2022 15:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-2-1-GR

Tgt Ion:244 Resp: 1004671
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.994 min Scan# 3677
 Delta R.T. -0.006 min
 Lab File: BG053853.D
 Acq: 8 Jun 2022 15:11

Tgt Ion:264 Resp: 169289
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.8 17.4 26.2

