

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053851.D
 Acq On : 8 Jun 2022 13:52
 Operator : CG/JU
 Sample : N3209-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-10-GR

Quant Time: Jun 09 02:29:36 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)

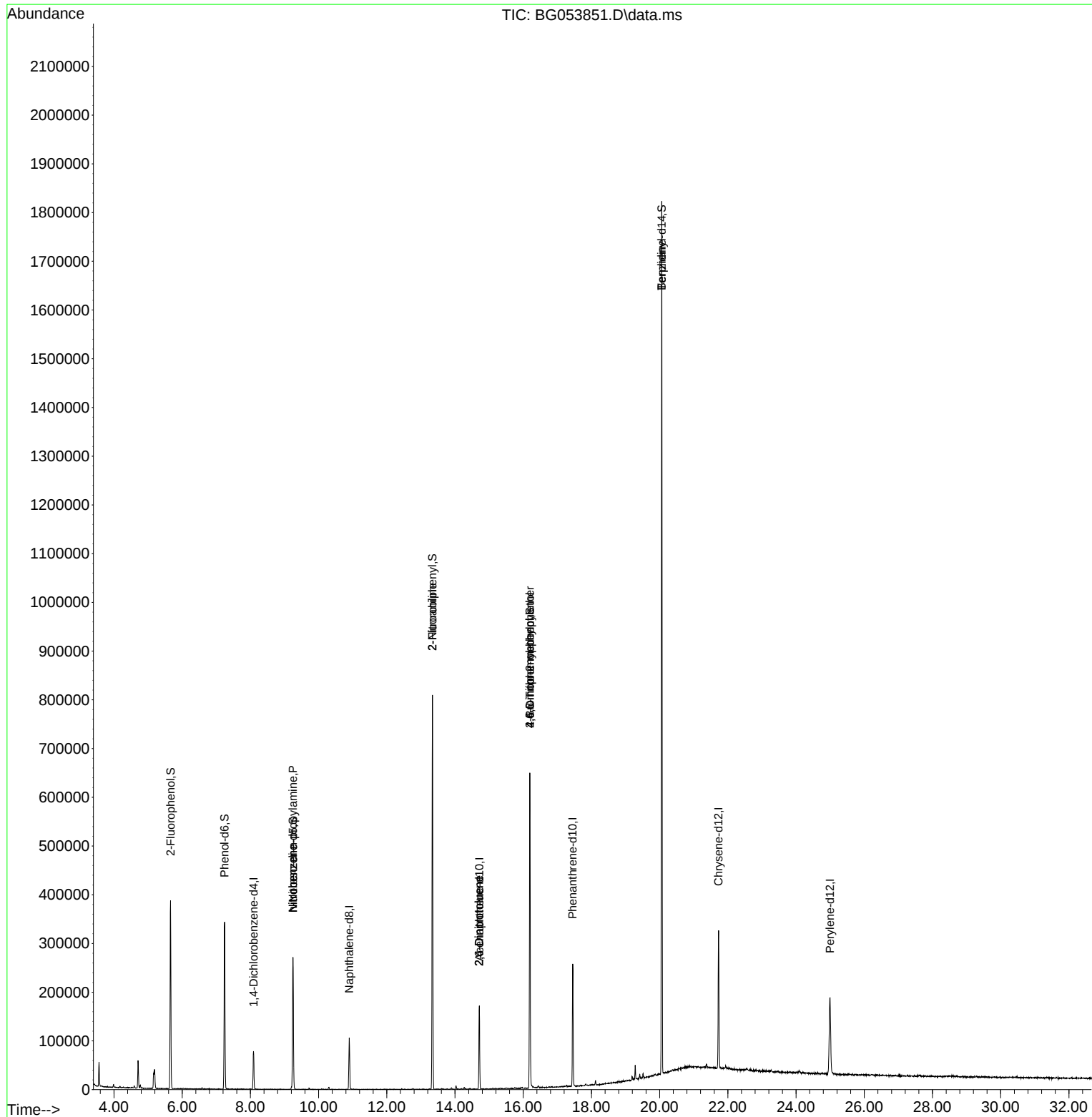
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	24613	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	94664	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	68319	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	181107	20.000	ng	0.00
76) Chrysene-d12	21.728	240	197080	20.000	ng	0.00
86) Perylene-d12	24.995	264	195583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	178735	133.352	ng	0.00
7) Phenol-d6	7.245	99	211512	116.497	ng	0.00
23) Nitrobenzene-d5	9.248	82	174992	121.391	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	159185	191.952	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	463548	101.505	ng	0.00
79) Terphenyl-d14	20.059	244	1015840	102.543	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	22392	17.413	ng	# 83
24) Nitrobenzene	9.248	77	469	3.246	ng	# 48
48) 2-Nitroaniline	13.338	65	596	5.594	ng	# 1
51) 2,6-Dinitrotoluene	14.707	165	8942	13.162	ng	# 16
57) 2,4-Dinitrotoluene	14.707	165	8942	11.038	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.193	198	340	6.036	ng	# 10
67) 4-Bromophenyl-phenylether	16.193	248	10109	5.137	ng	# 1
77) Benzidine	20.059	184	13627	2.828	ng	# 92

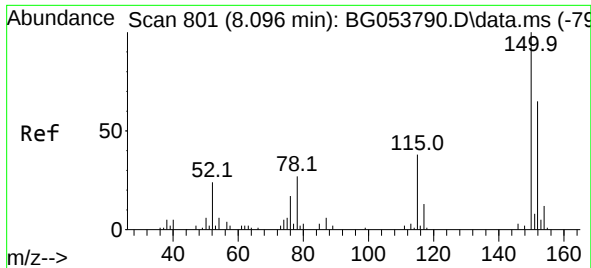
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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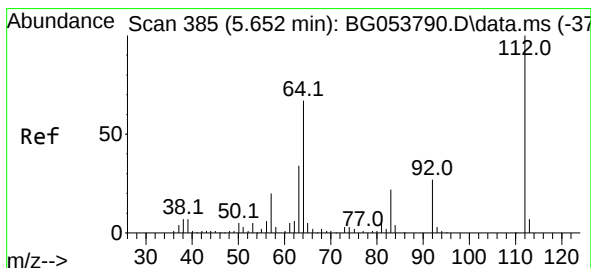
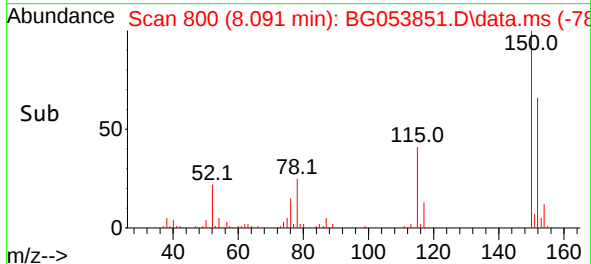
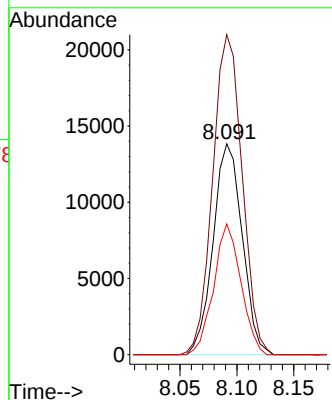
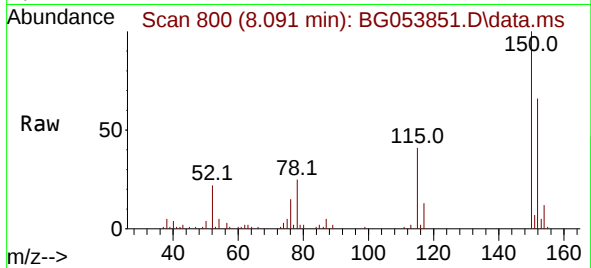




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

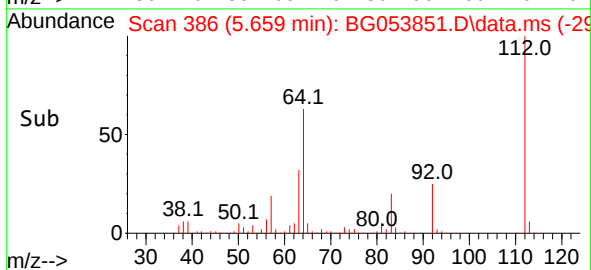
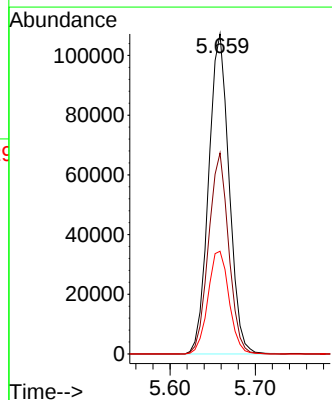
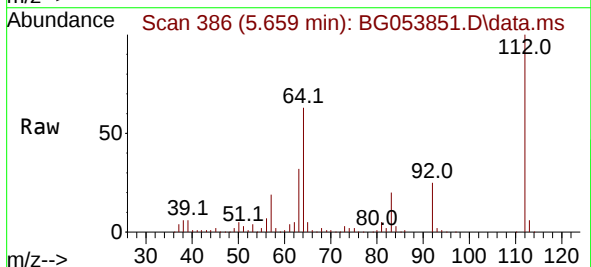
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BNA_G
ClientSampleId :
WC-14B-10-GR

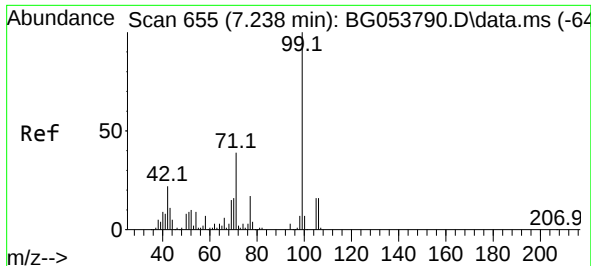
Tgt Ion:152 Resp: 24613
Ion Ratio Lower Upper
152 100
150 151.7 131.6 197.4
115 62.0 50.9 76.3



#5
2-Fluorophenol
Concen: 133.352 ng
RT: 5.659 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

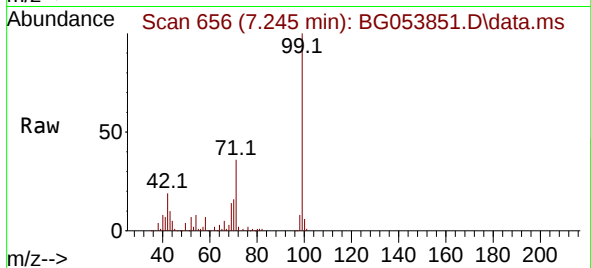
Tgt Ion:112 Resp: 178735
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 32.1 30.4 45.6



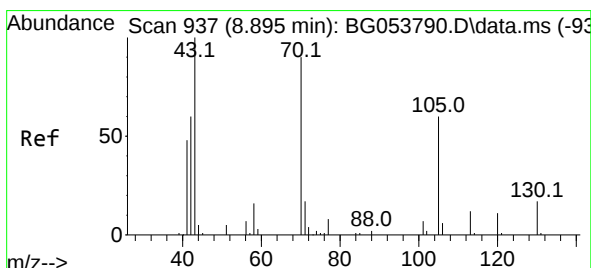
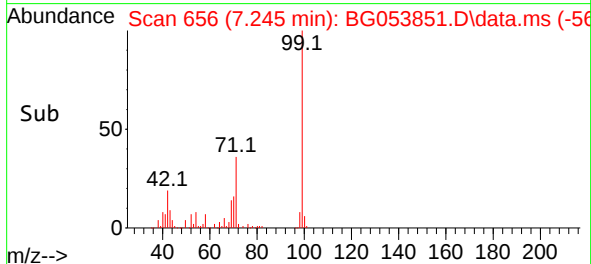
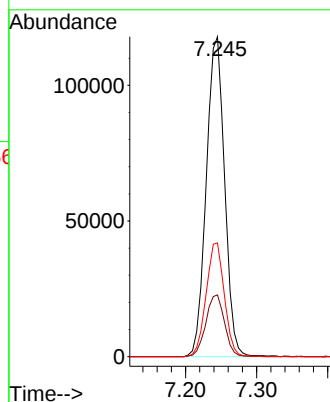


#7
Phenol-d6
Concen: 116.497 ng
RT: 7.245 min Scan# 611
Delta R.T. 0.007 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

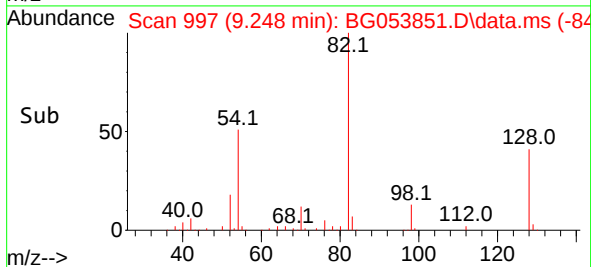
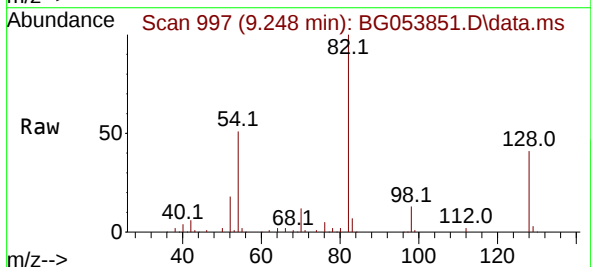
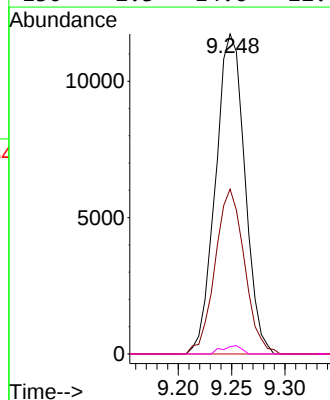


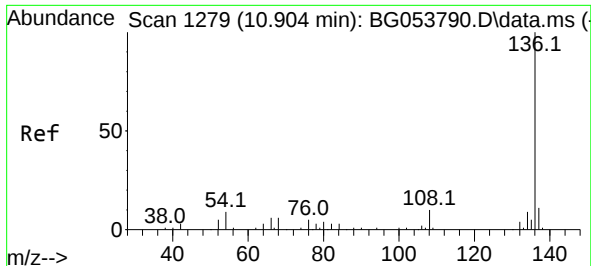
Tgt Ion: 99 Resp: 211512
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 35.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.413 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion: 70 Resp: 22392
Ion Ratio Lower Upper
70 100
42 51.5 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

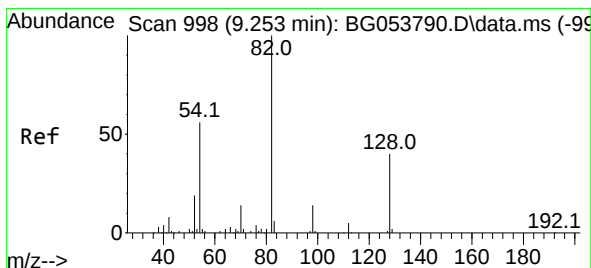
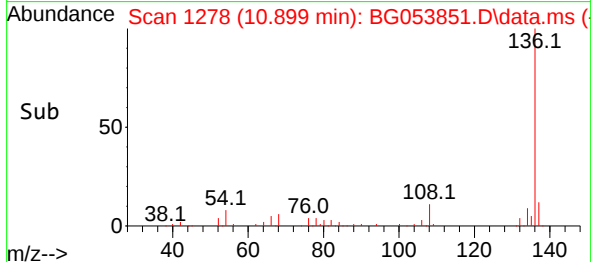
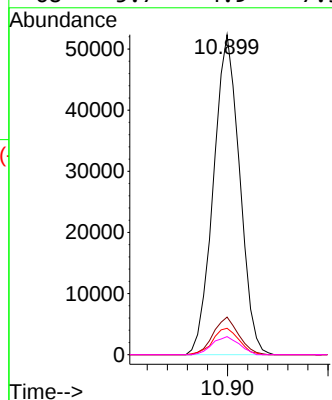
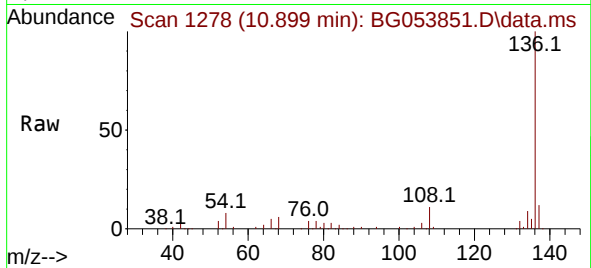




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

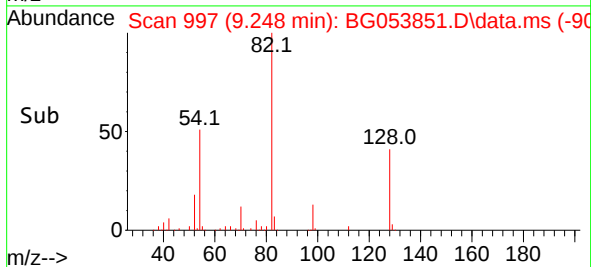
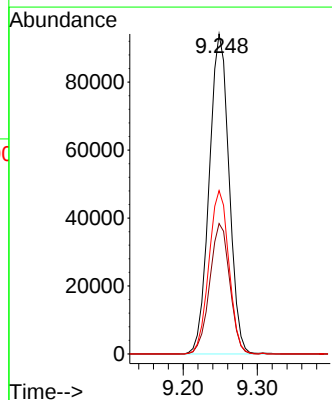
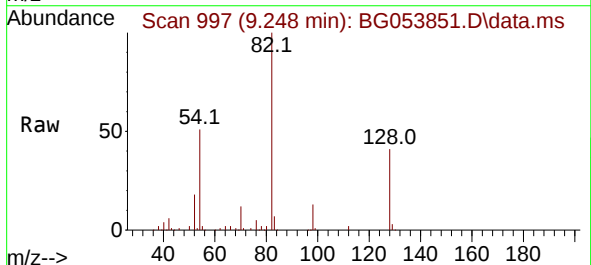
Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

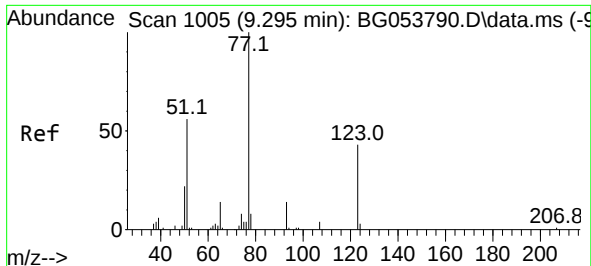
Tgt Ion:	136	Resp:	94664
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	8.3	7.4	11.2
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 121.391 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion:	82	Resp:	174992
Ion	Ratio	Lower	Upper
82	100		
128	40.7	27.9	41.9
54	51.1	41.2	61.8

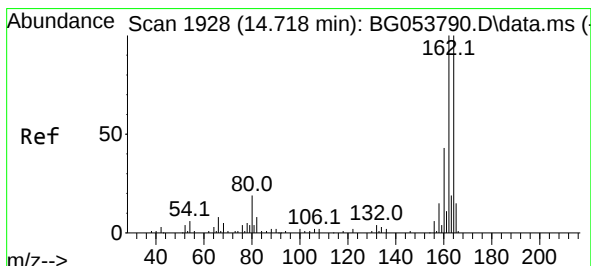
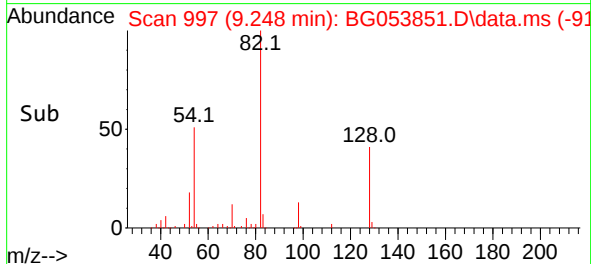
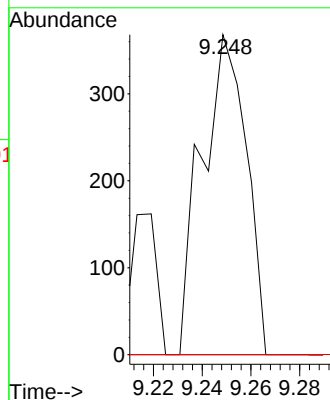
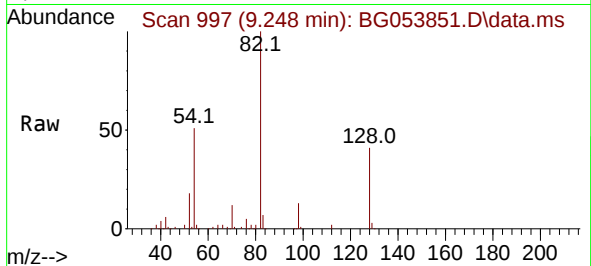




#24
Nitrobenzene
Concen: 3.246 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.047 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

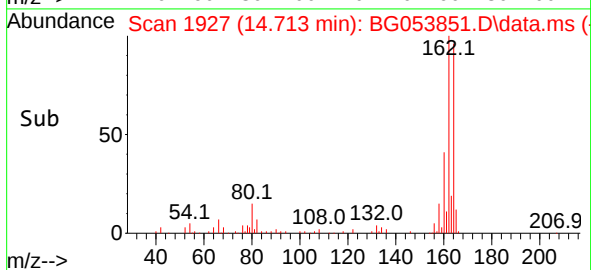
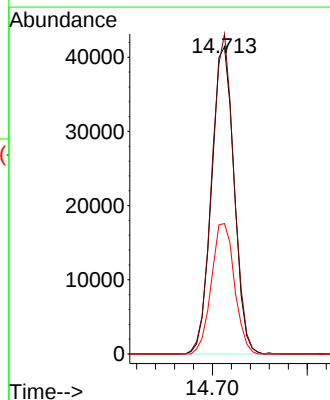
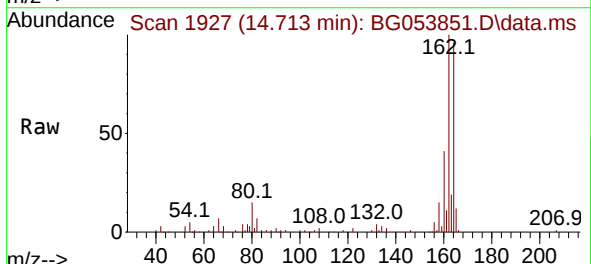
Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

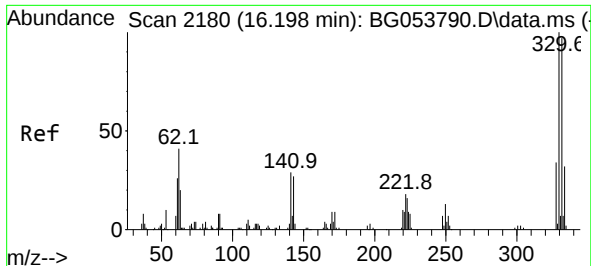
Tgt Ion: 77 Resp: 469
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion: 164 Resp: 68319
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 42.5 34.2 51.2

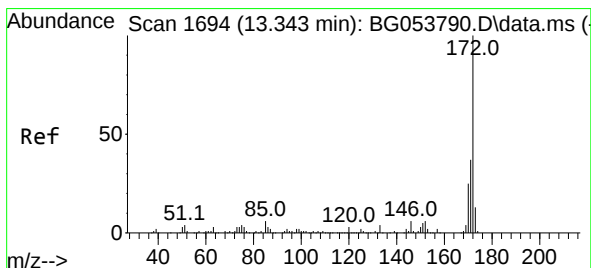
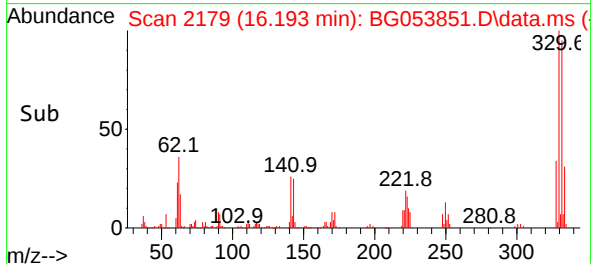
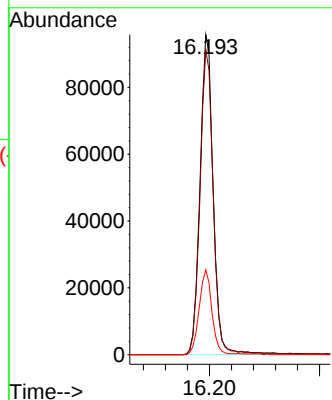
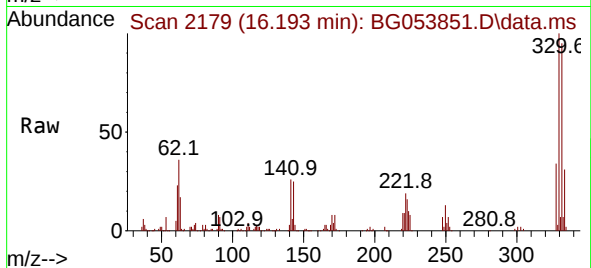




#42
2,4,6-Tribromophenol
Concen: 191.952 ng
RT: 16.193 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

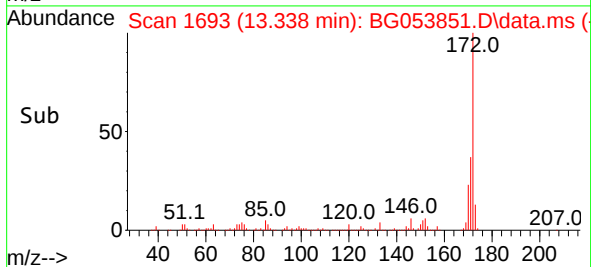
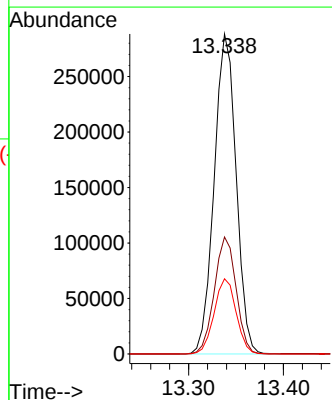
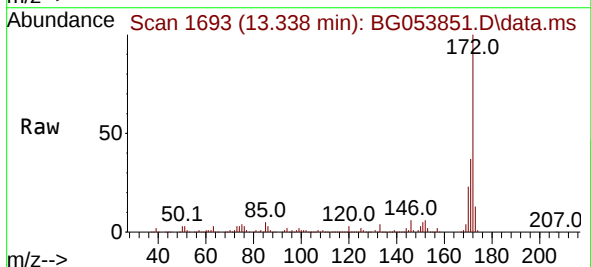
Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

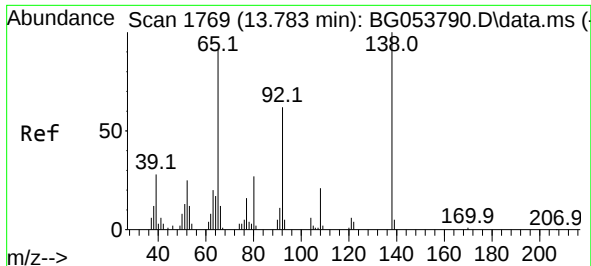
Tgt Ion:330 Resp: 159185
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 25.5 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 101.505 ng
RT: 13.338 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion:172 Resp: 463548
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.5 18.9 28.3

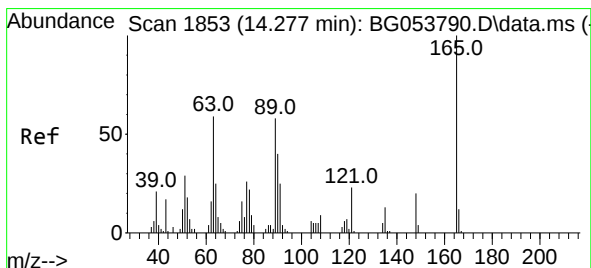
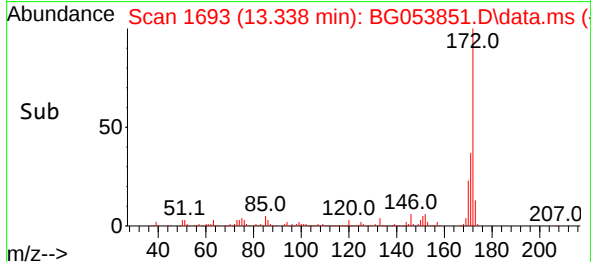
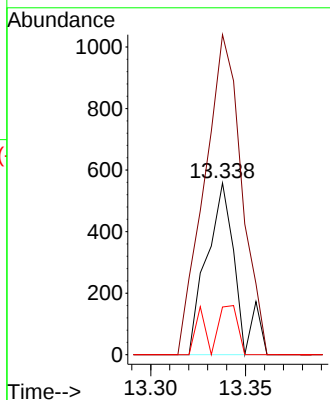
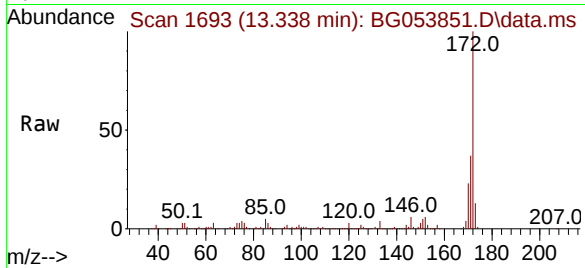




#48
2-Nitroaniline
Concen: 5.594 ng
RT: 13.338 min Scan# 1
Delta R.T. -0.445 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

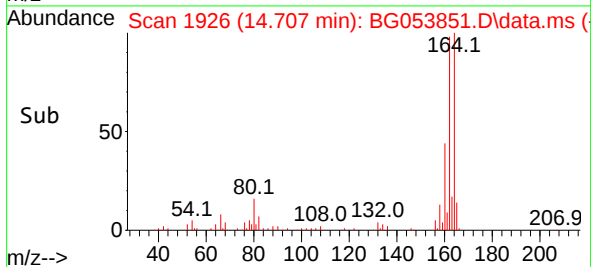
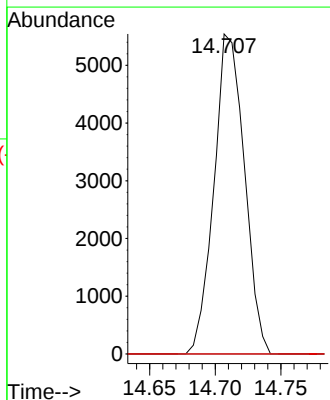
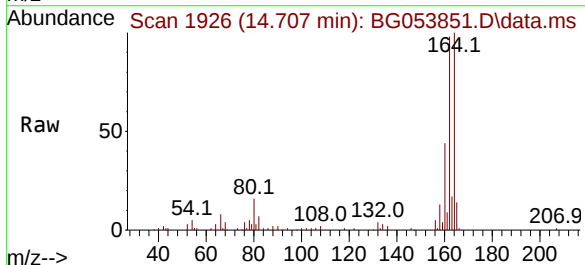
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WC-14B-10-GR

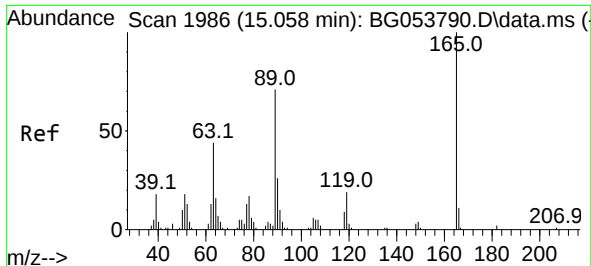
Tgt Ion: 65 Resp: 596
Ion Ratio Lower Upper
65 100
92 186.4 51.5 77.3#
138 27.8 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.162 ng
RT: 14.707 min Scan# 1926
Delta R.T. 0.430 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion:165 Resp: 8942
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

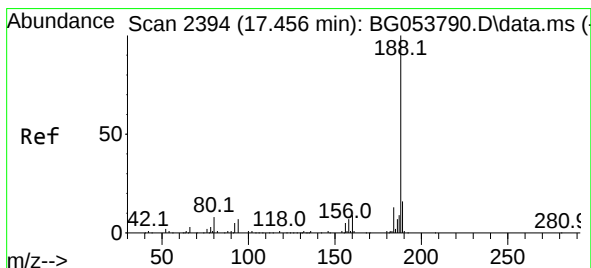
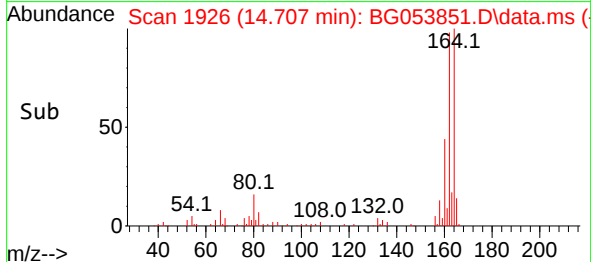
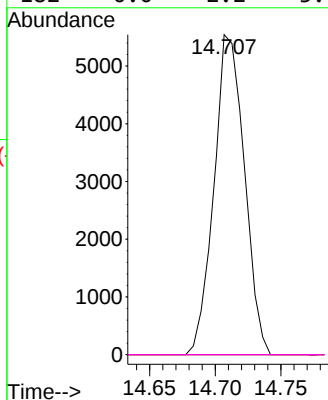
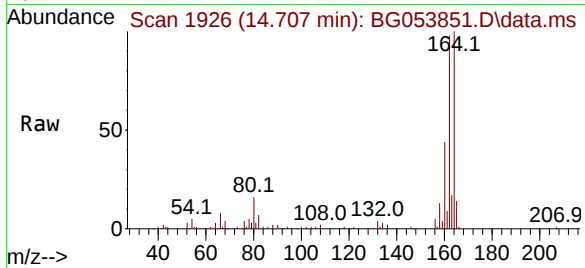




#57
2,4-Dinitrotoluene
Concen: 11.038 ng
RT: 14.707 min Scan# 1986
Delta R.T. -0.351 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

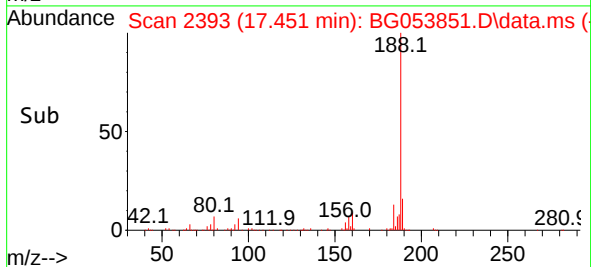
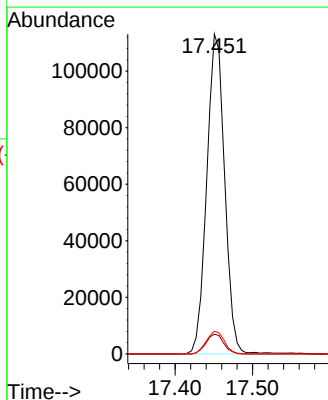
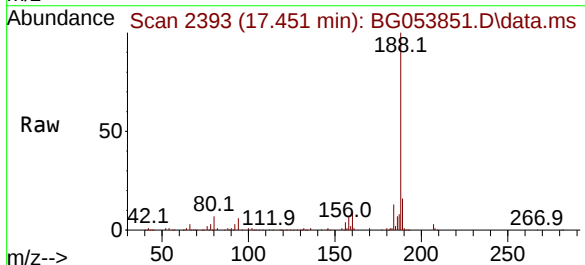
Instrument :
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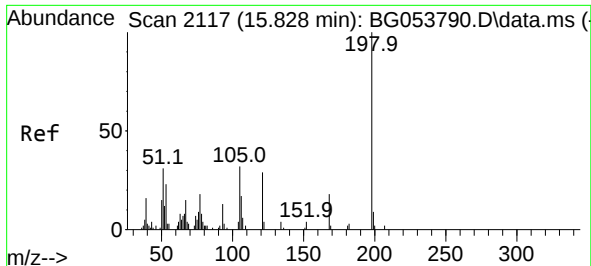
Tgt Ion:165 Resp: 8942
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion:188 Resp: 181107
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.1 6.8 10.2

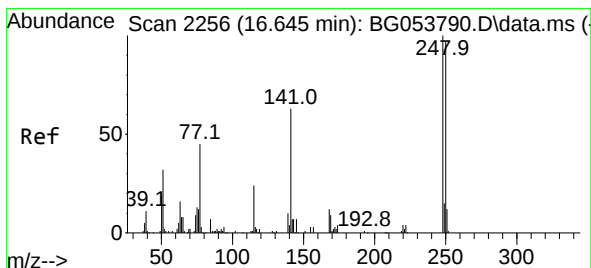
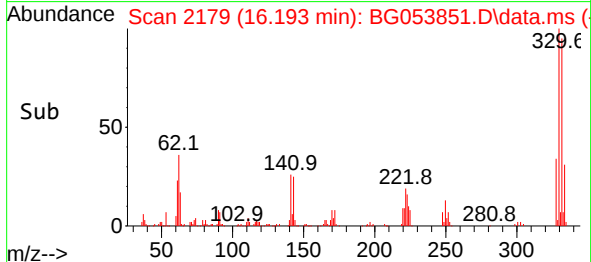
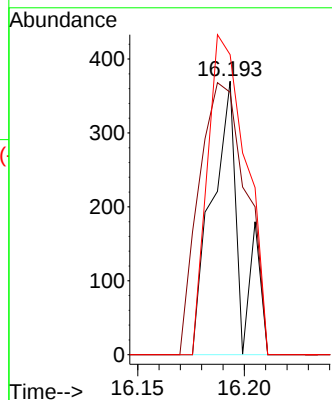
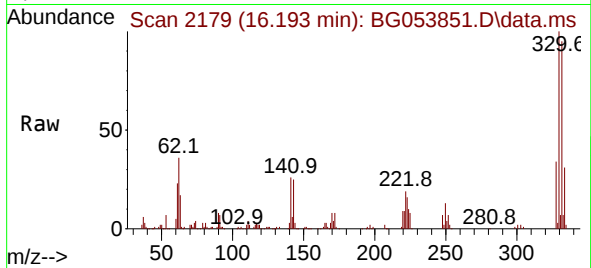




#65
4,6-Dinitro-2-methylphenol
Concen: 6.036 ng
RT: 16.193 min Scan# 2117
Delta R.T. 0.365 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

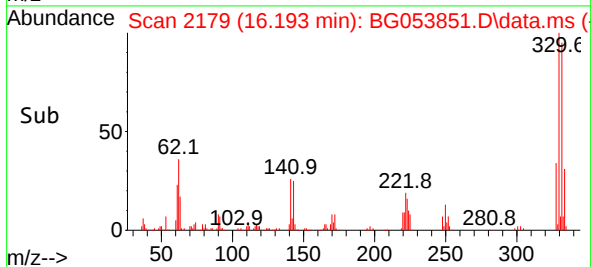
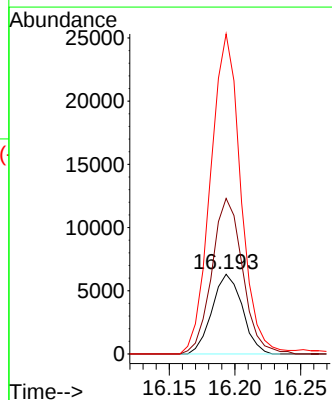
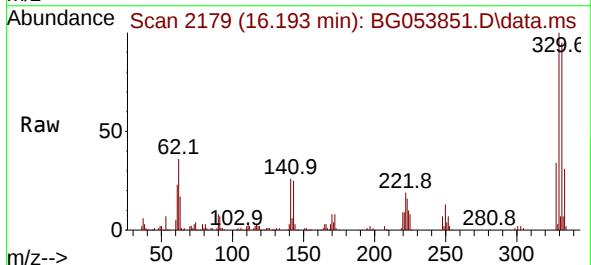
Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

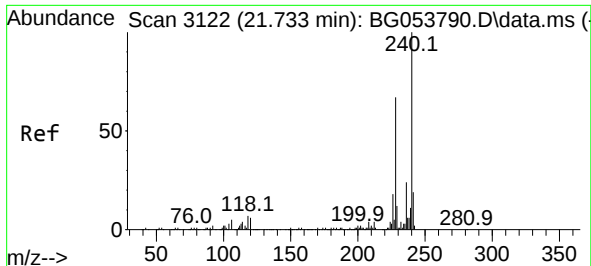
Tgt Ion:198 Resp: 340
Ion Ratio Lower Upper
198 100
51 95.9 28.1 68.1#
105 109.7 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.137 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.452 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion:248 Resp: 10109
Ion Ratio Lower Upper
248 100
250 195.9 75.2 112.8#
141 307.8 50.0 75.0#

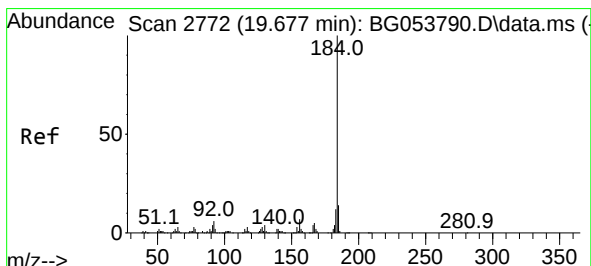
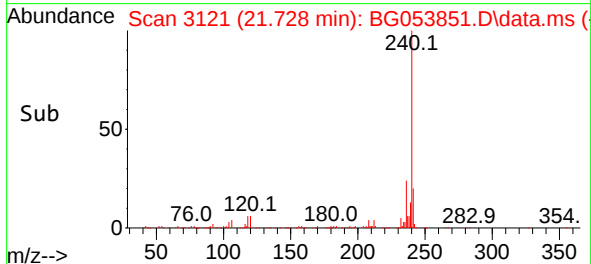
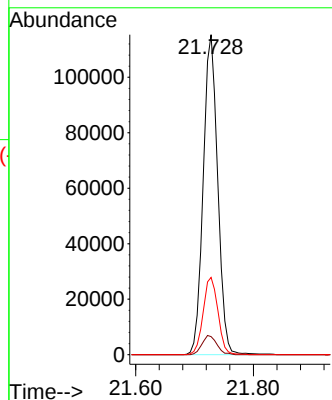
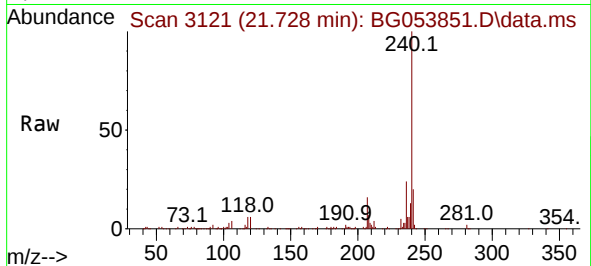




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

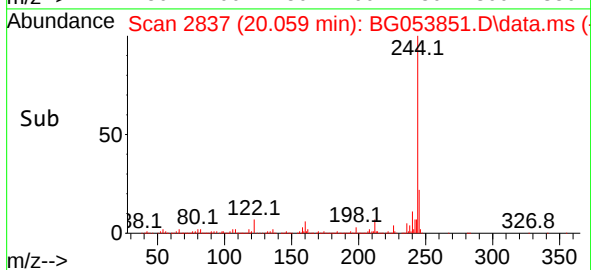
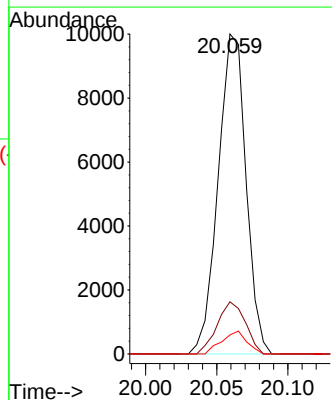
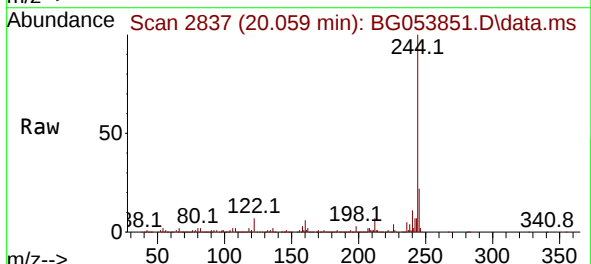
Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

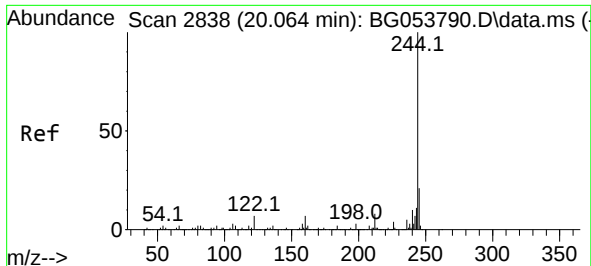
Tgt Ion:240 Resp: 197080
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.1 20.2 30.4



#77
Benzidine
Concen: 2.828 ng
RT: 20.059 min Scan# 2837
Delta R.T. 0.383 min
Lab File: BG053851.D
Acq: 8 Jun 2022 13:52

Tgt Ion:184 Resp: 13627
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 6.0 8.9 13.3#

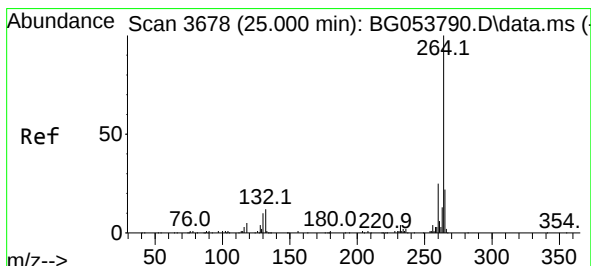
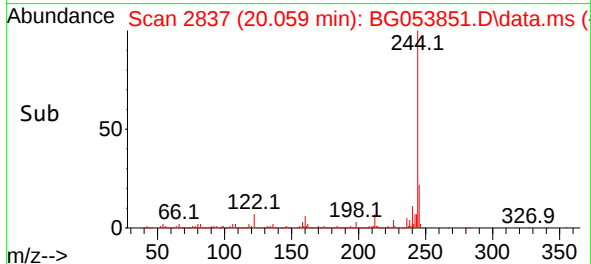
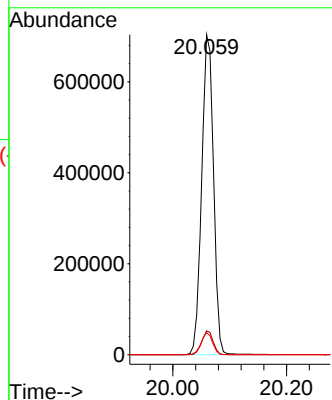
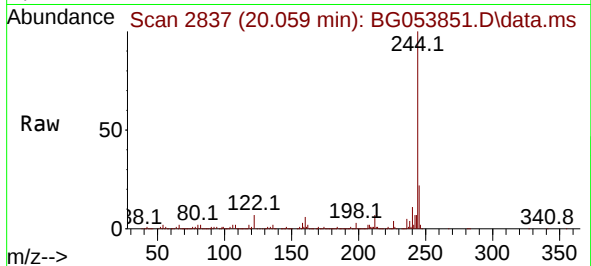




#79
 Terphenyl-d14
 Concen: 102.543 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053851.D
 Acq: 8 Jun 2022 13:52

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-10-GR

Tgt Ion:244 Resp: 1015840
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.995 min Scan# 3677
 Delta R.T. -0.005 min
 Lab File: BG053851.D
 Acq: 8 Jun 2022 13:52

Tgt Ion:264 Resp: 195583
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 21.6 17.4 26.2

