

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053854.D
 Acq On : 8 Jun 2022 16:04
 Operator : CG/JU
 Sample : N3209-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-4-GR

Quant Time: Jun 09 02:29:56 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)

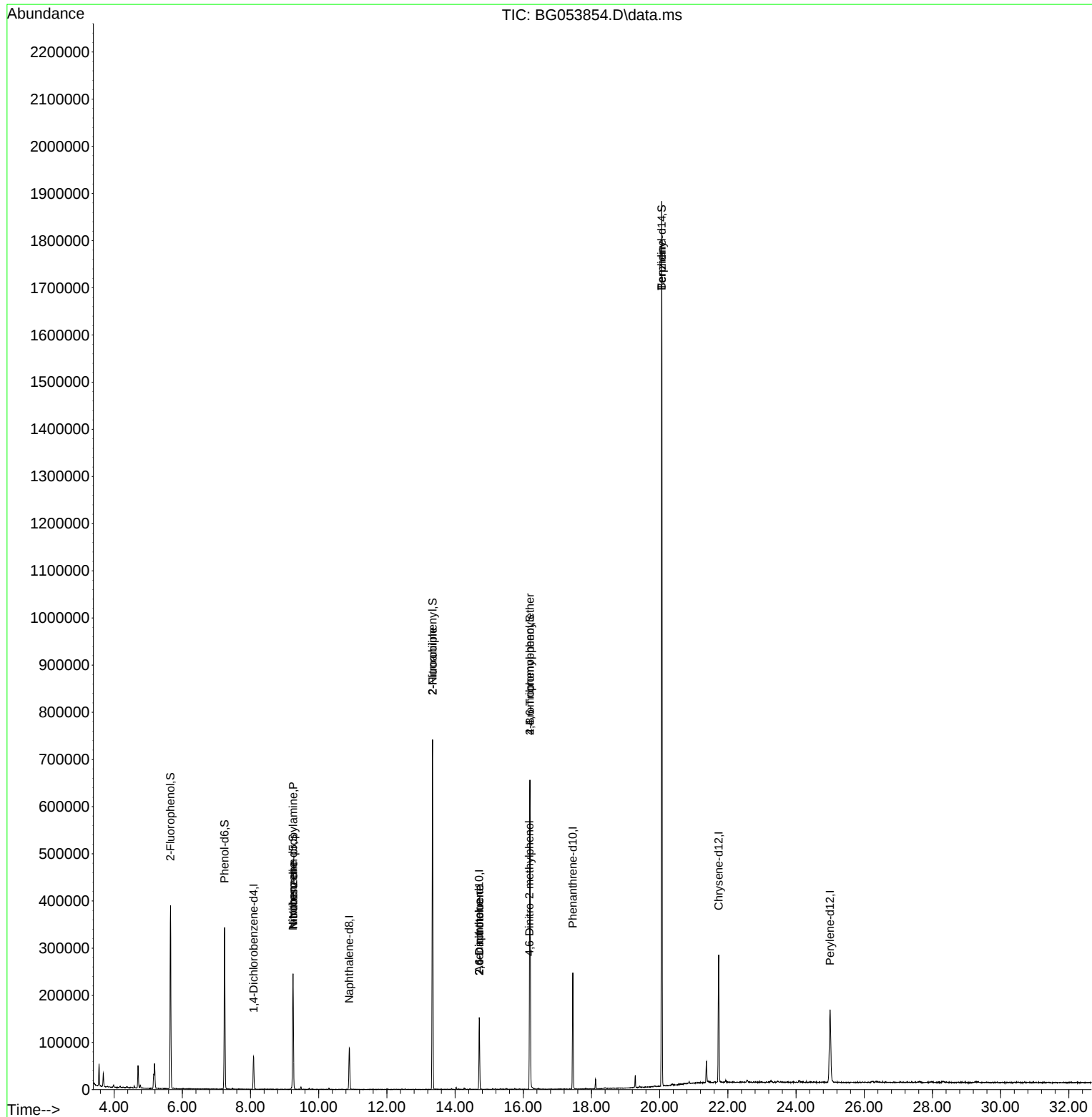
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	21986	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	84429	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	61494	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	169083	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	192991	20.000	ng	0.00
86) Perylene-d12	24.998	264	196449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	177200	148.004	ng	0.00
7) Phenol-d6	7.243	99	209988	129.477	ng	0.00
23) Nitrobenzene-d5	9.246	82	158388	123.193	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	159142	213.198	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	424432	103.255	ng	0.00
79) Terphenyl-d14	20.063	244	1023824	105.539	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	21013	18.293	ng	# 82
24) Nitrobenzene	9.252	77	493	3.295	ng	# 27
48) 2-Nitroaniline	13.341	65	605	5.665	ng	# 1
51) 2,6-Dinitrotoluene	14.716	165	8477	13.648	ng	# 16
57) 2,4-Dinitrotoluene	14.716	165	8477	11.392	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.179	198	107	5.749	ng	# 32
67) 4-Bromophenyl-phenylether	16.197	248	10191	5.547	ng	# 1
77) Benzidine	20.063	184	13599	2.882	ng	# 94

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

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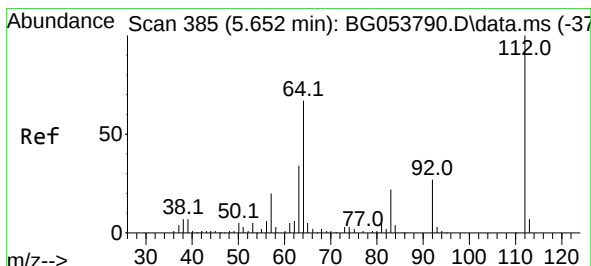
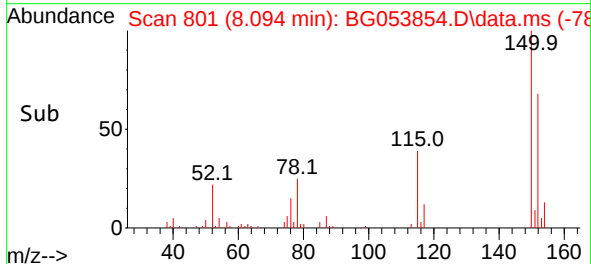
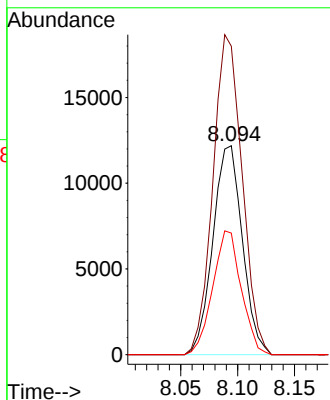
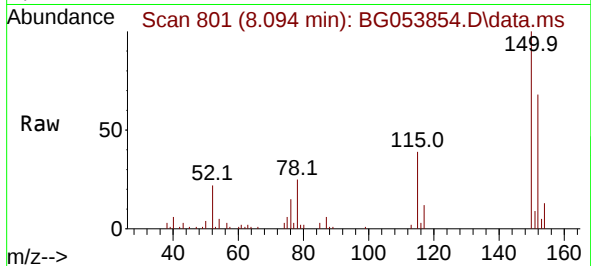




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

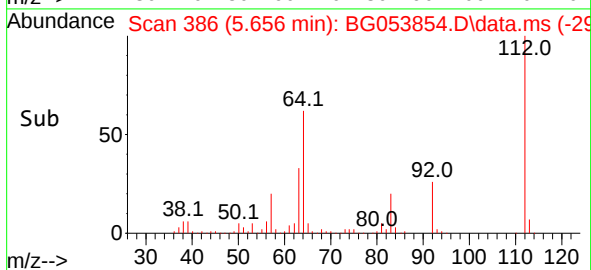
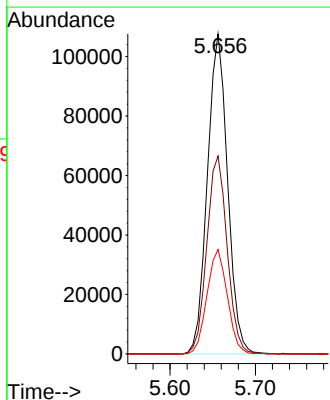
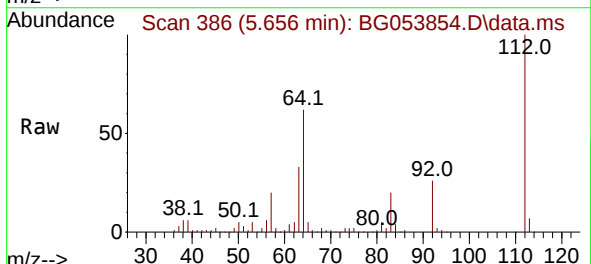
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

Tgt Ion:152 Resp: 21986
Ion Ratio Lower Upper
152 100
150 147.6 131.6 197.4
115 58.2 50.9 76.3



#5
2-Fluorophenol
Concen: 148.004 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion:112 Resp: 177200
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 32.6 30.4 45.6

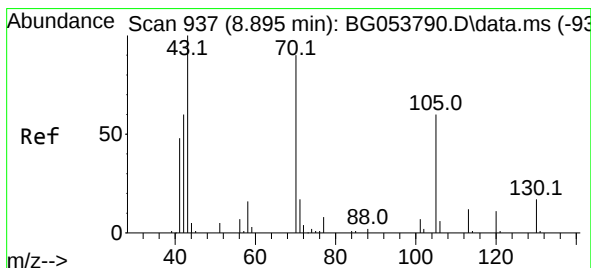
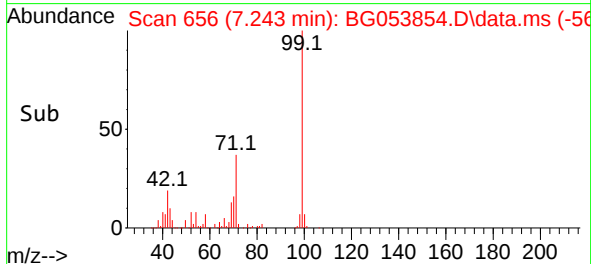
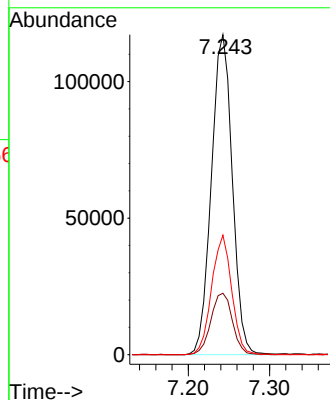
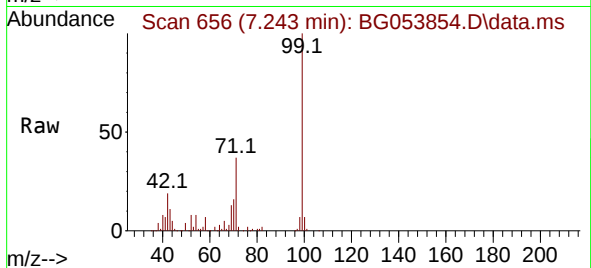




#7
Phenol-d6
Concen: 129.477 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

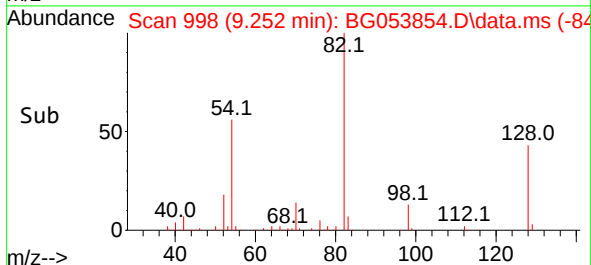
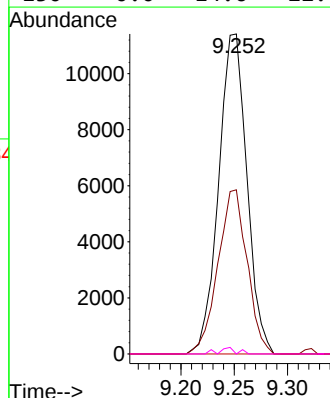
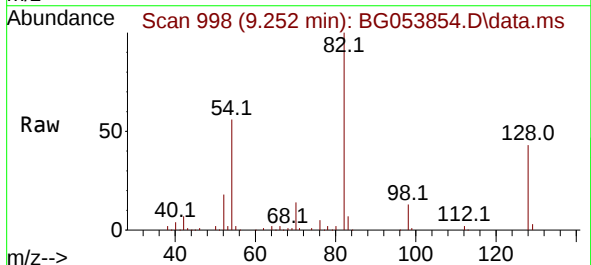
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

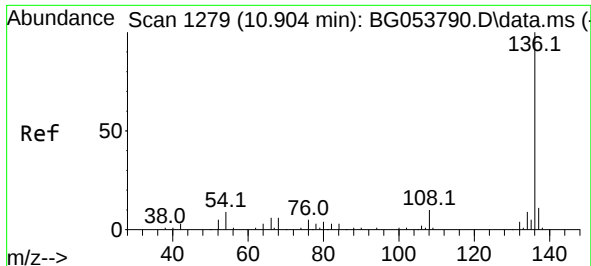
Tgt Ion: 99 Resp: 209988
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 37.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.293 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.357 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion: 70 Resp: 21013
Ion Ratio Lower Upper
70 100
42 51.3 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

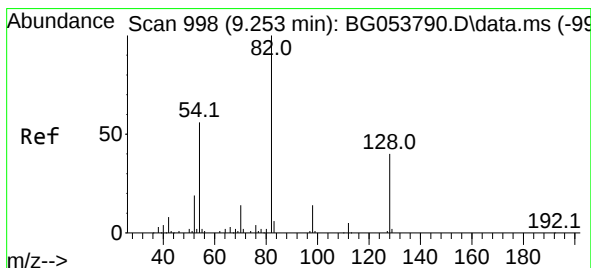
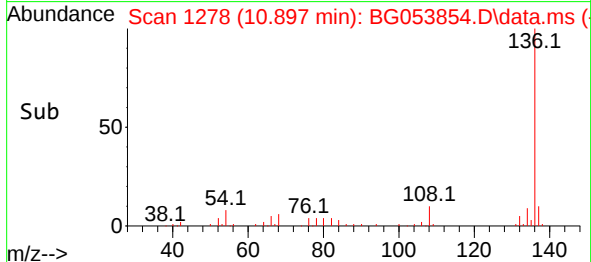
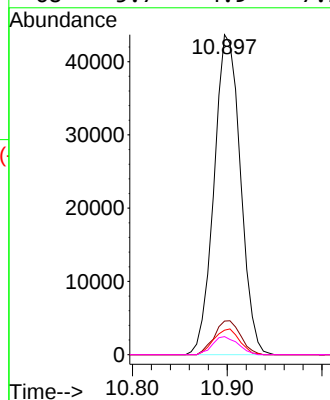
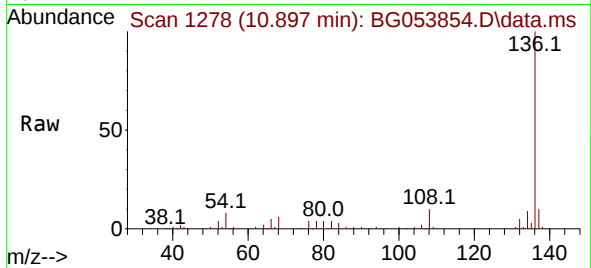




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

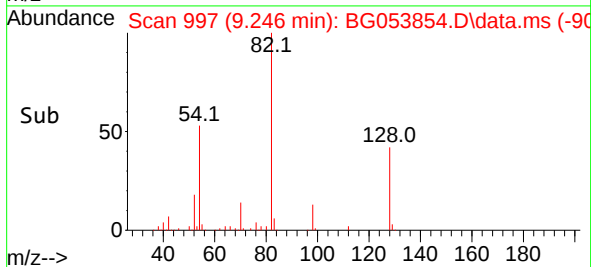
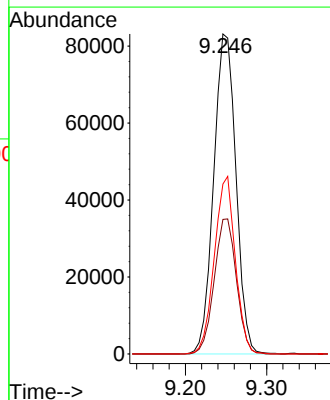
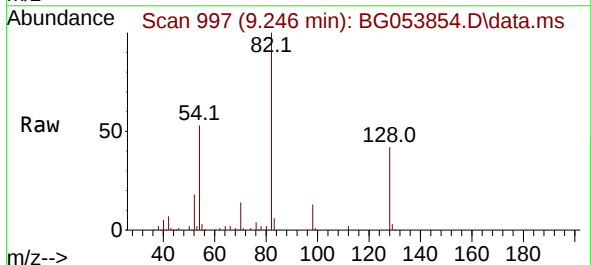
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

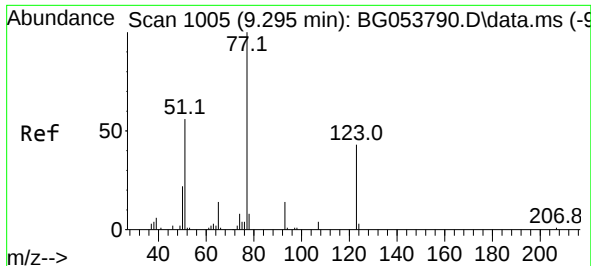
Tgt Ion:136	Resp:	84429
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	7.7	7.4 11.2
68	5.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 123.193 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion: 82	Resp:	158388
Ion Ratio	Lower	Upper
82	100	
128	42.1	27.9 41.9#
54	53.1	41.2 61.8

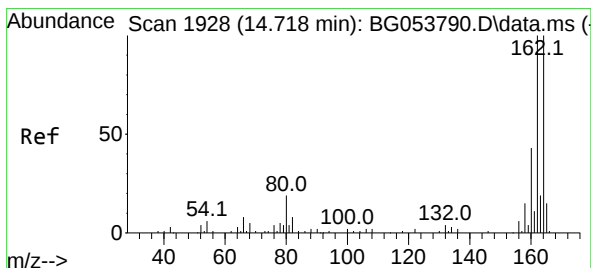
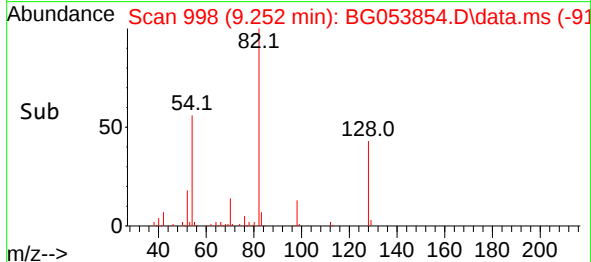
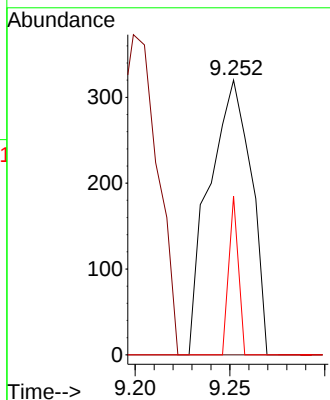
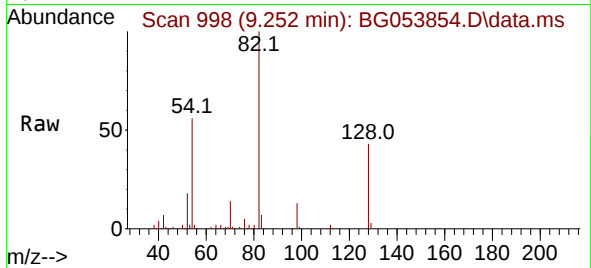




#24
Nitrobenzene
Concen: 3.295 ng
RT: 9.252 min Scan# 91
Delta R.T. -0.043 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

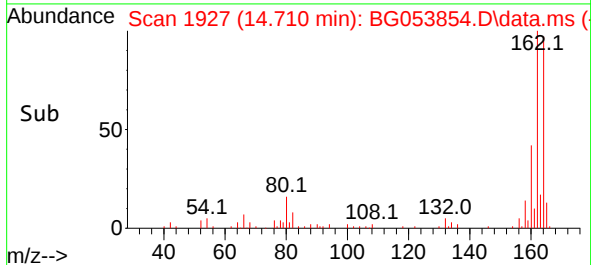
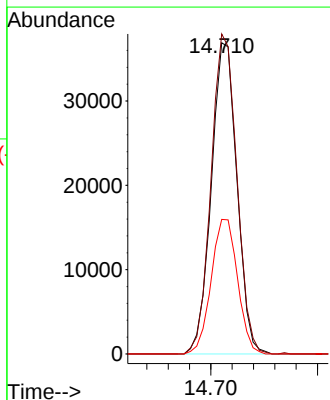
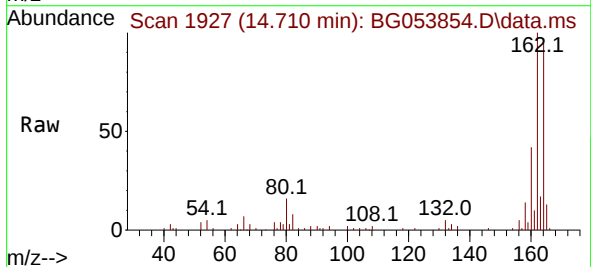
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

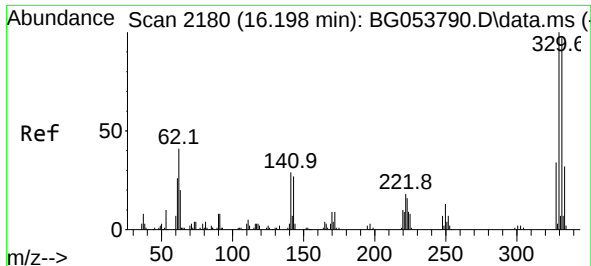
Tgt Ion: 77 Resp: 493
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 57.8 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion:164 Resp: 61494
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 43.3 34.2 51.2

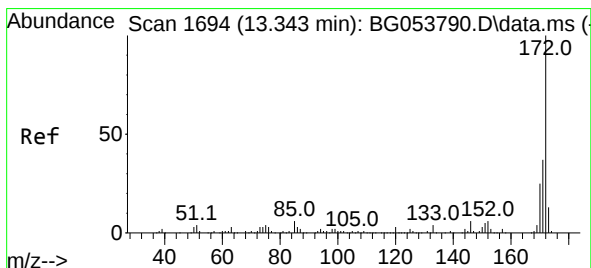
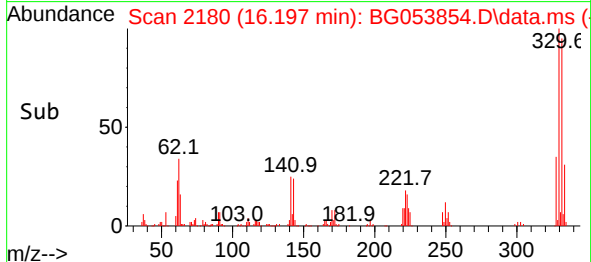
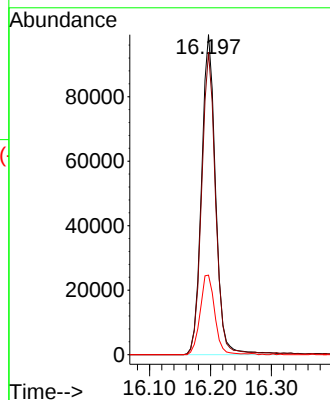
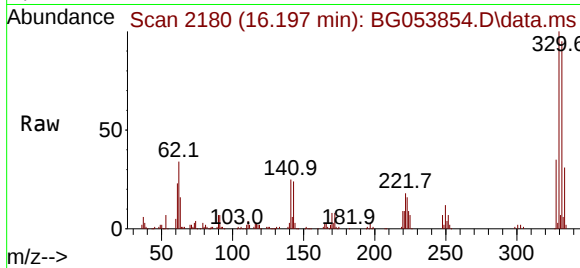




#42
2,4,6-Tribromophenol
Concen: 213.198 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

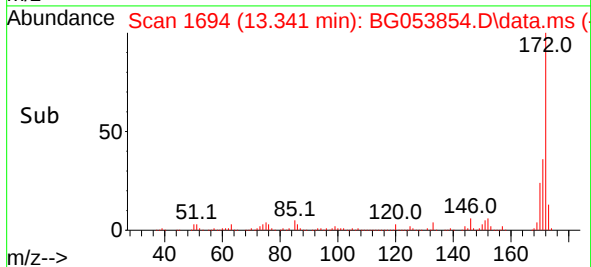
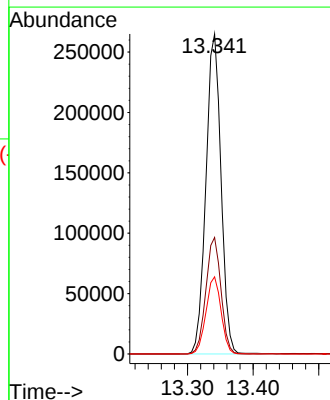
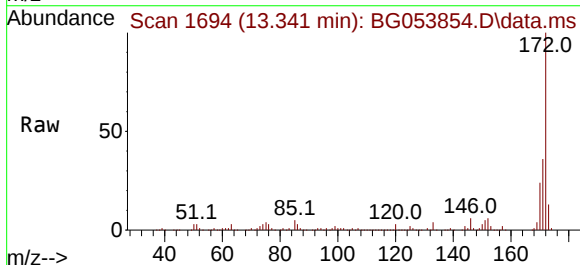
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BNA_G
ClientSampleId :
WC-14B-4-GR

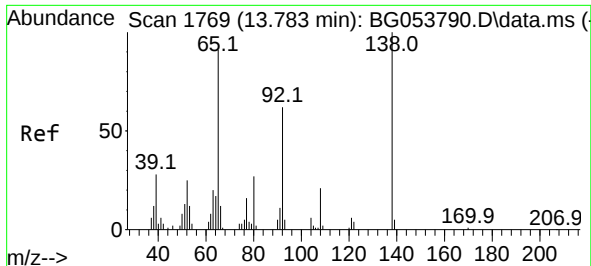
Tgt Ion:330 Resp: 159142
Ion Ratio Lower Upper
330 100
332 93.8 76.0 114.0
141 25.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 103.255 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion:172 Resp: 424432
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.1 18.9 28.3

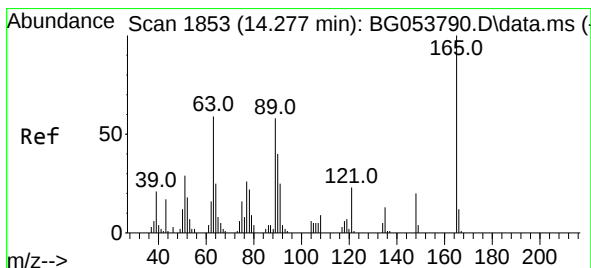
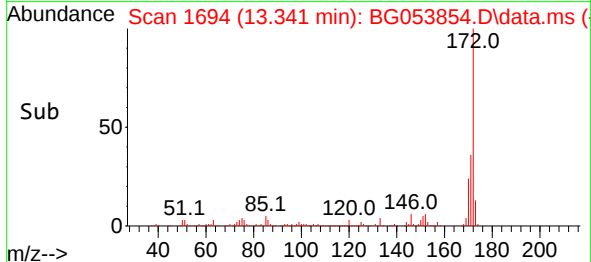
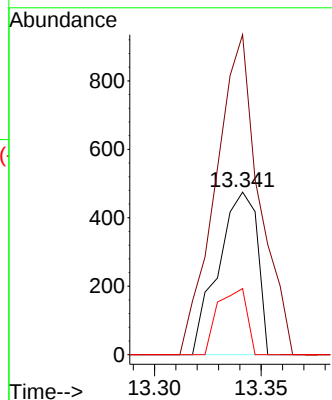
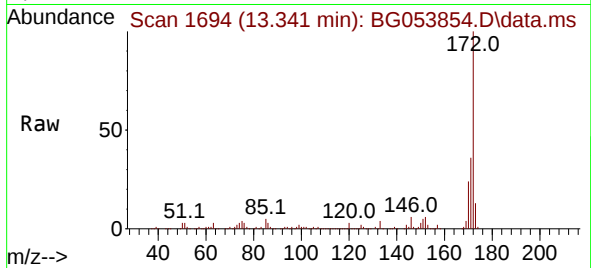




#48
2-Nitroaniline
Concen: 5.665 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.442 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

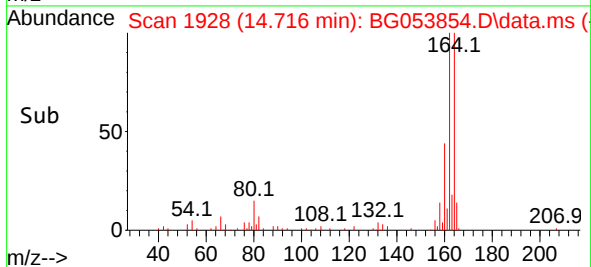
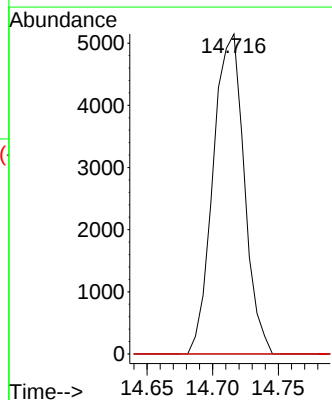
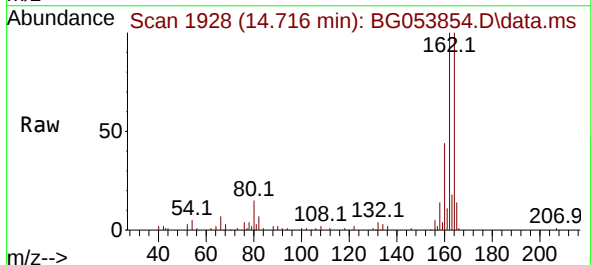
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WC-14B-4-GR

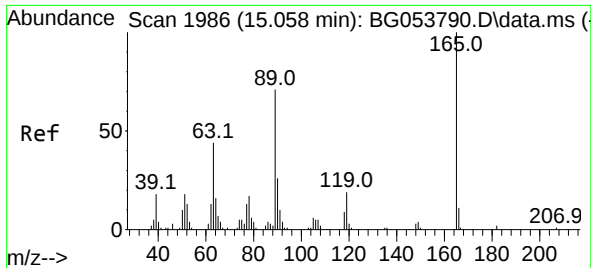
Tgt Ion: 65 Resp: 605
Ion Ratio Lower Upper
65 100
92 196.8 51.5 77.3#
138 40.6 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.648 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.439 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion:165 Resp: 8477
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

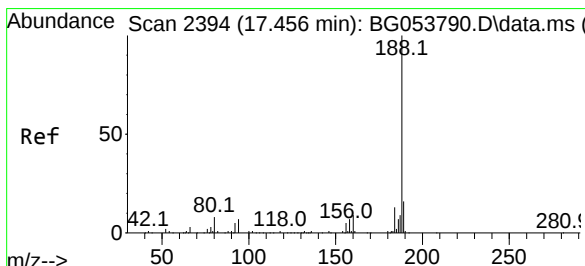
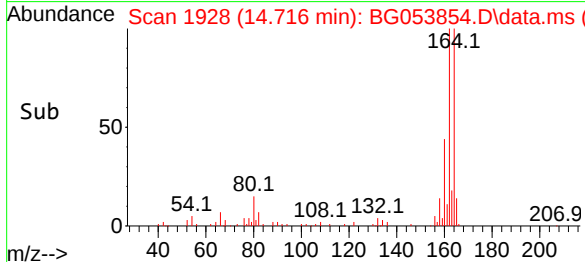
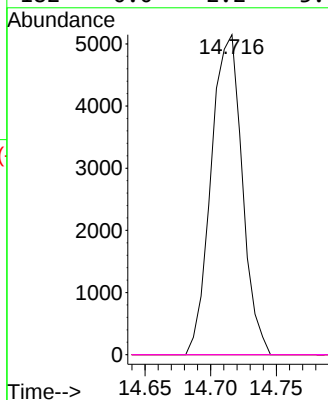
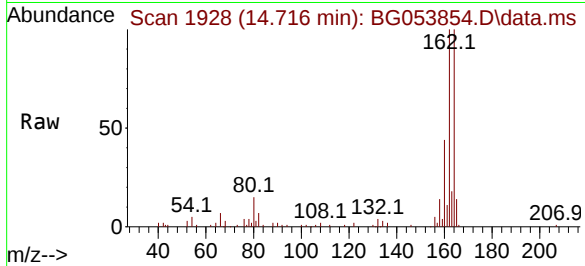




#57
2,4-Dinitrotoluene
Concen: 11.392 ng
RT: 14.716 min Scan# 1986
Delta R.T. -0.342 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

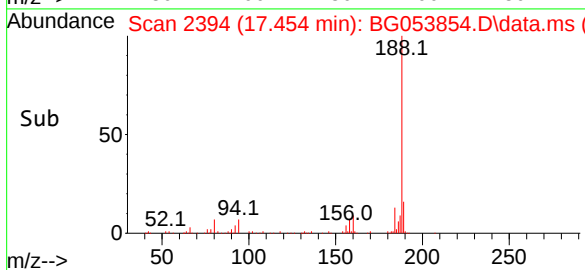
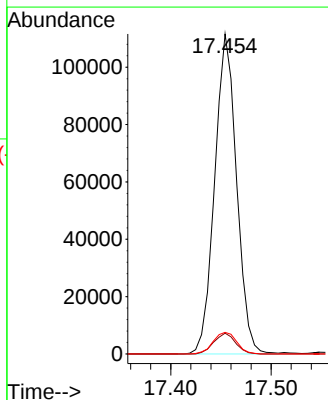
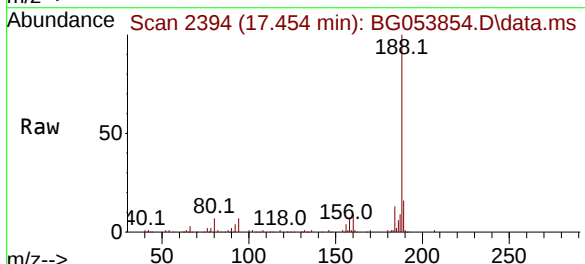
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

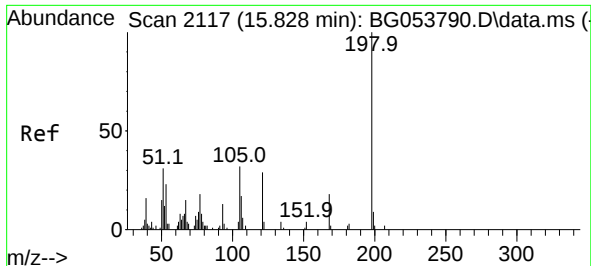
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Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.002 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion:188 Resp: 169083
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 6.7 6.8 10.2#

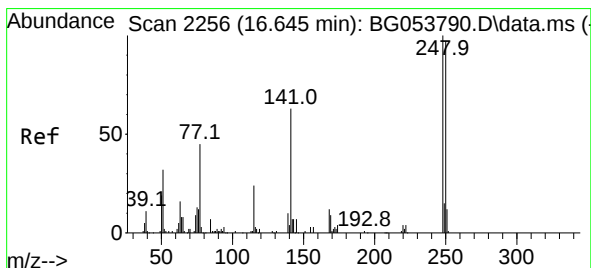
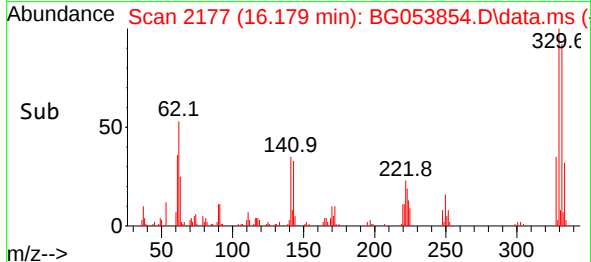
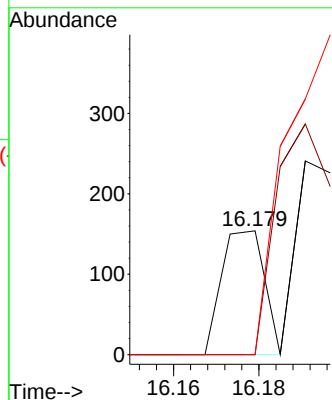
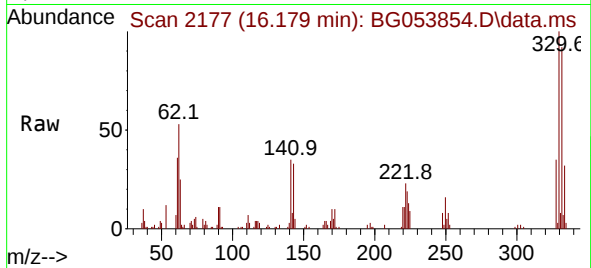




#65
4,6-Dinitro-2-methylphenol
Concen: 5.749 ng
RT: 16.179 min Scan# 2117
Delta R.T. 0.351 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

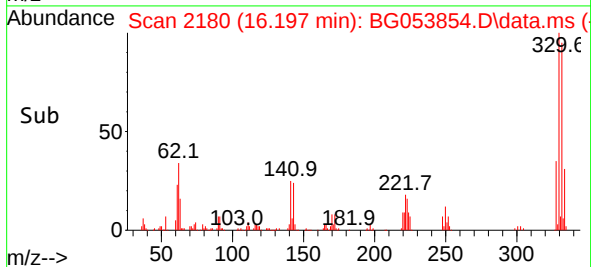
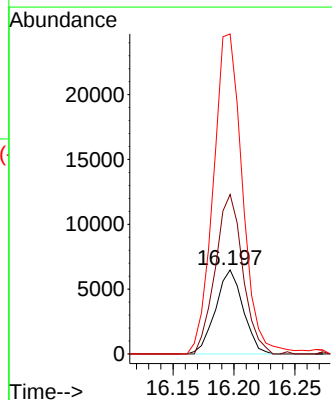
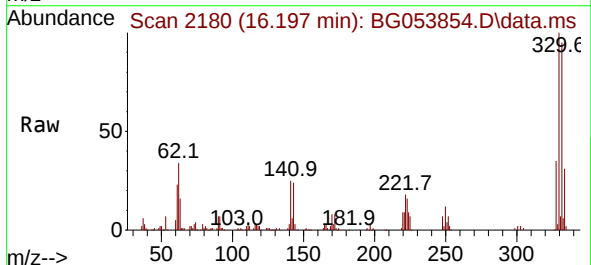
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

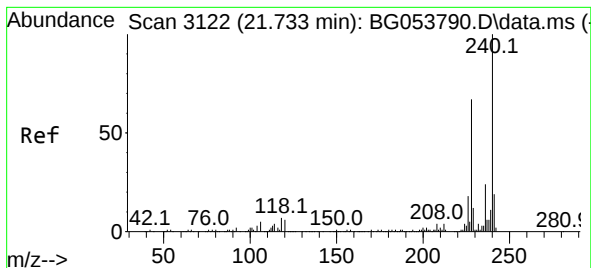
Tgt Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 0.0 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.547 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053854.D
Acq: 8 Jun 2022 16:04

Tgt Ion:248 Resp: 10191
Ion Ratio Lower Upper
248 100
250 149.6 75.2 112.8#
141 300.2 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.731 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053854.D

Acq: 8 Jun 2022 16:04

Instrument :

BNA_G

ClientSampleId :

WC-14B-4-GR

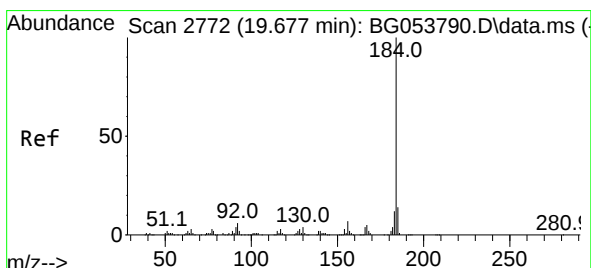
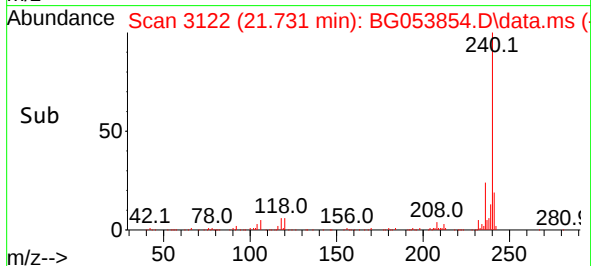
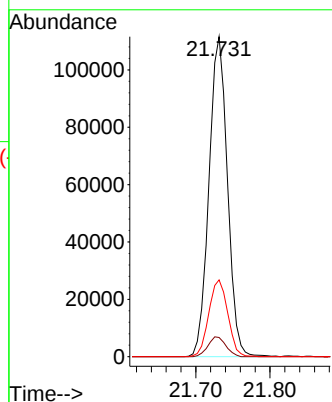
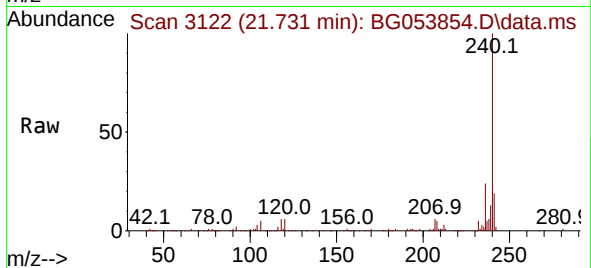
Tgt Ion:240 Resp: 192991

Ion Ratio Lower Upper

240 100

120 6.0 4.6 7.0

236 24.0 20.2 30.4



#77

Benzidine

Concen: 2.882 ng

RT: 20.063 min Scan# 2838

Delta R.T. 0.386 min

Lab File: BG053854.D

Acq: 8 Jun 2022 16:04

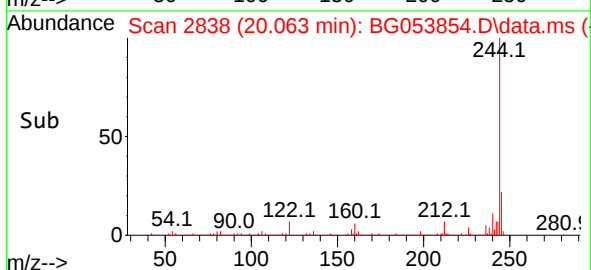
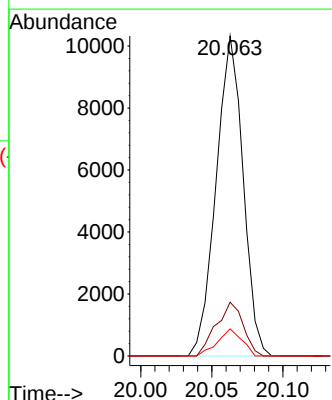
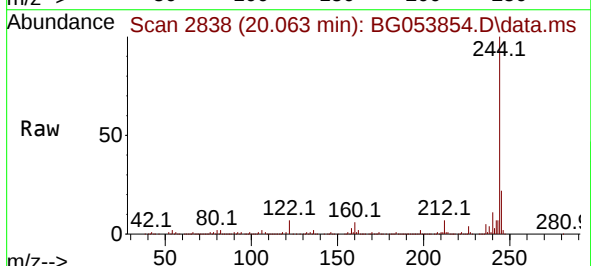
Tgt Ion:184 Resp: 13599

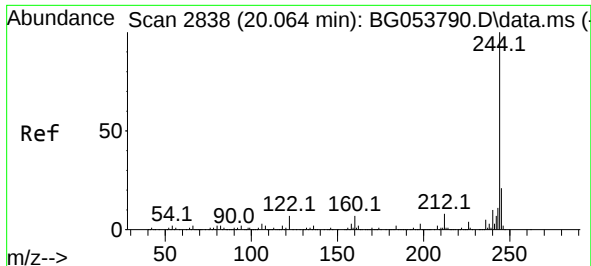
Ion Ratio Lower Upper

184 100

185 16.8 11.8 17.6

183 8.4 8.9 13.3#

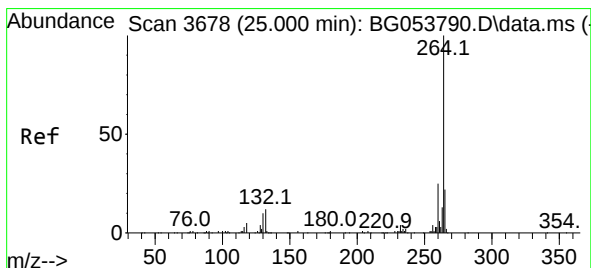
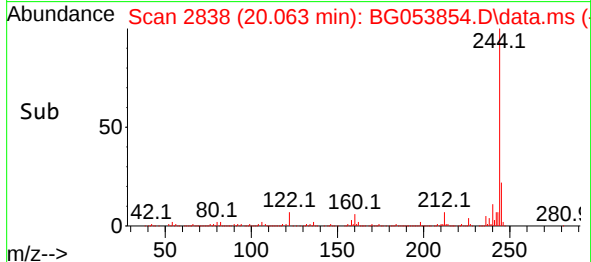
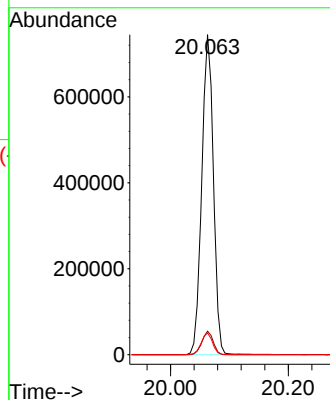
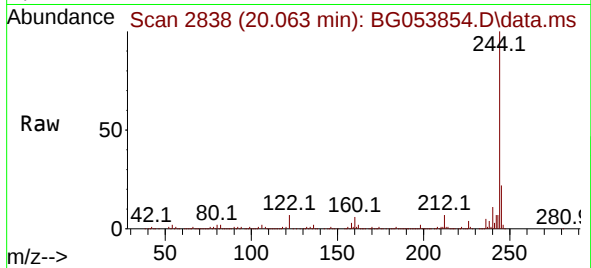




#79
 Terphenyl-d14
 Concen: 105.539 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053854.D
 Acq: 8 Jun 2022 16:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-4-GR

Tgt Ion:244 Resp: 1023824
 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: 24.998 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053854.D
 Acq: 8 Jun 2022 16:04

Tgt Ion:264 Resp: 196449
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 20.9 17.4 26.2

