

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054603.D
 Acq On : 11 Aug 2022 13:45
 Operator : CG/JU
 Sample : N3971-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Aug 12 06:02:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

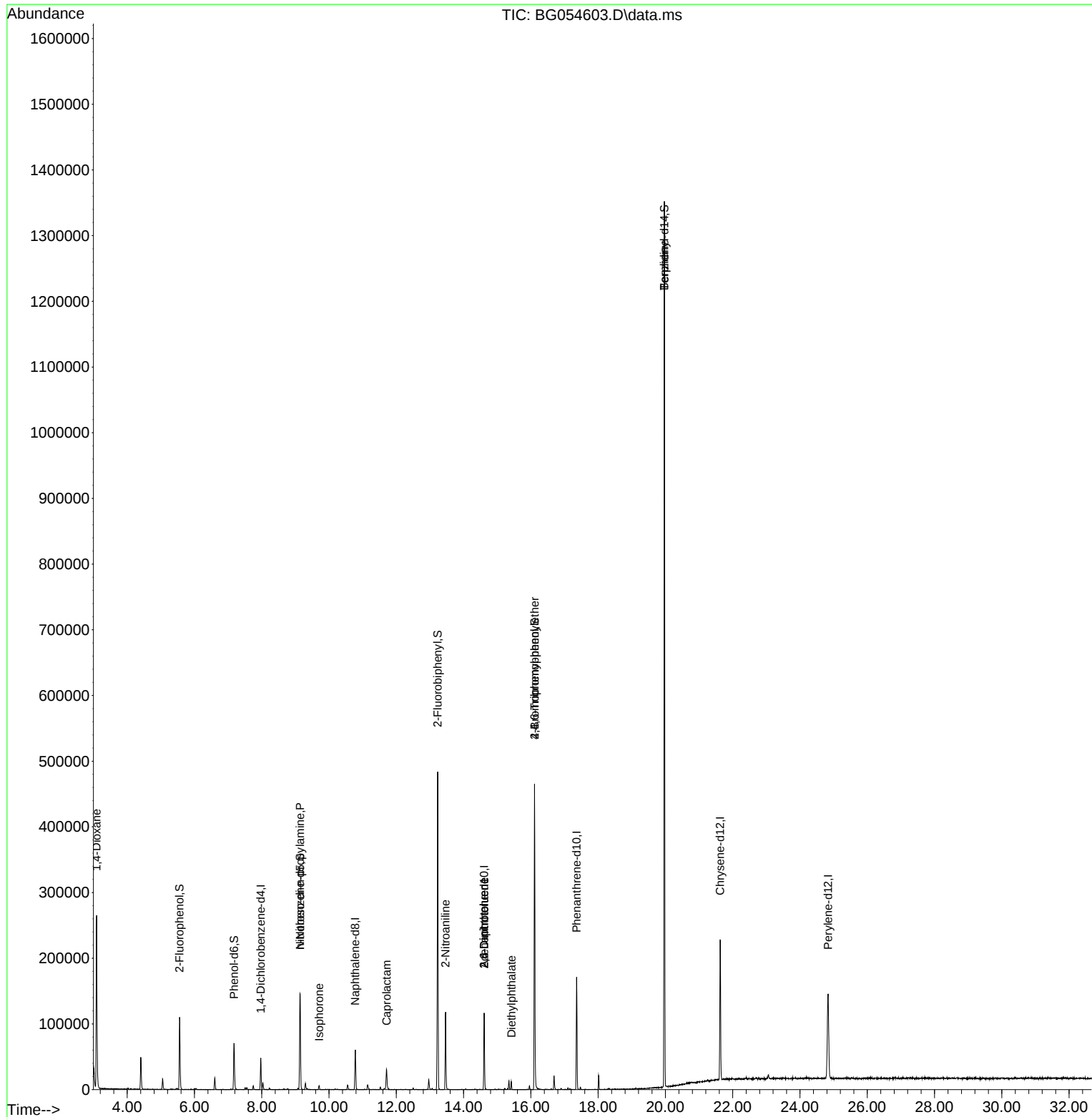
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	15147	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	55382	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	44486	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	126950	20.000	ng	# 0.00
76) Chrysene-d12	21.626	240	157838	20.000	ng	# 0.00
86) Perylene-d12	24.834	264	162454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	52697	72.638	ng	0.00
7) Phenol-d6	7.172	99	43132	43.389	ng	0.00
23) Nitrobenzene-d5	9.140	82	91771	90.238	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	124370	133.153	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	273763	86.813	ng	0.00
79) Terphenyl-d14	19.969	244	763607	95.975	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.089	88	2638	9.140	ng	# 1
19) n-Nitroso-di-n-propyla...	9.140	70	13091	19.721	ng	# 83
25) Isophorone	9.704	82	5055	2.858	ng	# 85
35) Caprolactam	11.714	113	6374	24.233	ng	# 83
48) 2-Nitroaniline	13.465	65	3878	5.834	ng	# 20
51) 2,6-Dinitrotoluene	14.610	165	5694	7.471	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	5694	5.211	ng	# 21
60) Diethylphthalate	15.421	149	7694	2.308	ng	96
67) 4-Bromophenyl-phenylether	16.109	248	7614	4.270	ng	# 1
77) Benzidine	19.969	184	9891	3.460	ng	# 94

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

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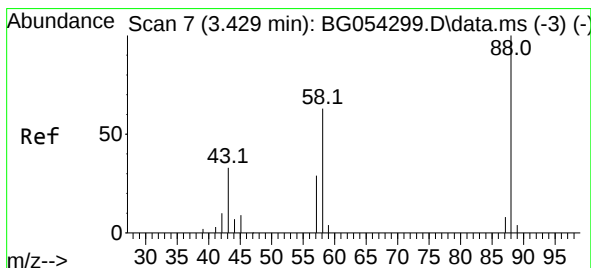
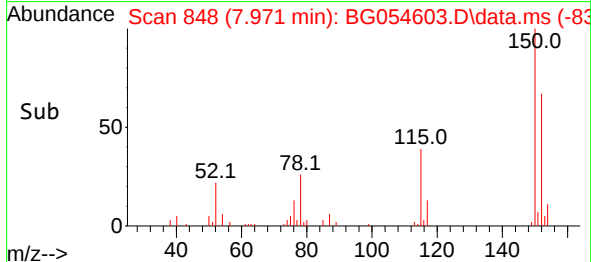
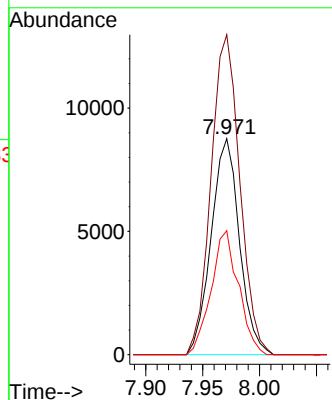
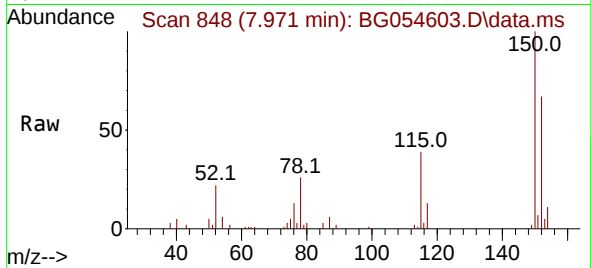




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.971 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054603.D
 Acq: 11 Aug 2022 13:45

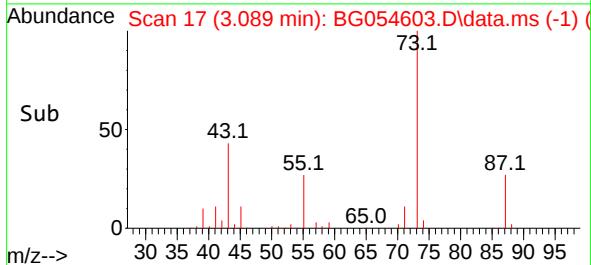
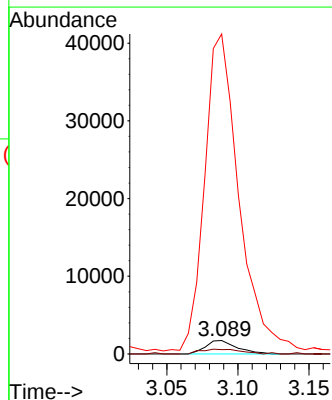
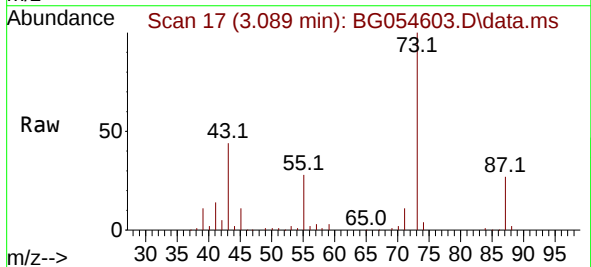
Instrument :
 BNA_G
 ClientSampleId :
 MW-24

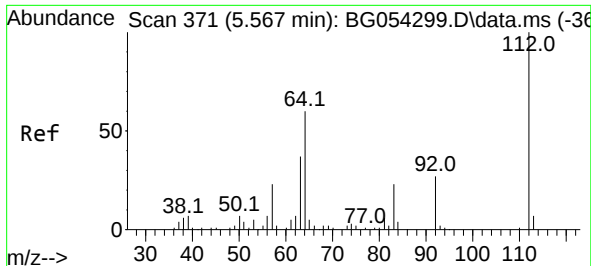
Tgt Ion:152 Resp: 15147
 Ion Ratio Lower Upper
 152 100
 150 148.2 131.6 197.4
 115 57.4 50.9 76.3



#2
 1,4-Dioxane
 Concen: 9.140 ng
 RT: 3.089 min Scan# 17
 Delta R.T. -0.307 min
 Lab File: BG054603.D
 Acq: 11 Aug 2022 13:45

Tgt Ion: 88 Resp: 2638
 Ion Ratio Lower Upper
 88 100
 58 47.8 59.2 88.8#
 43 2620.4 24.3 36.5#

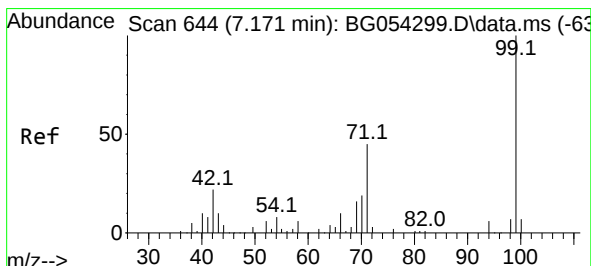
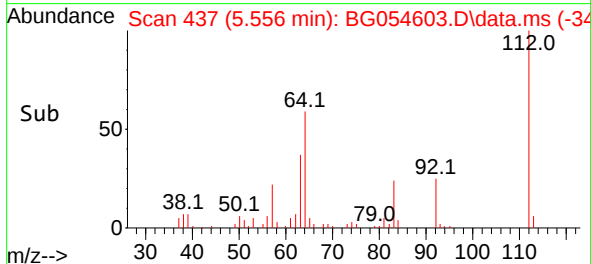
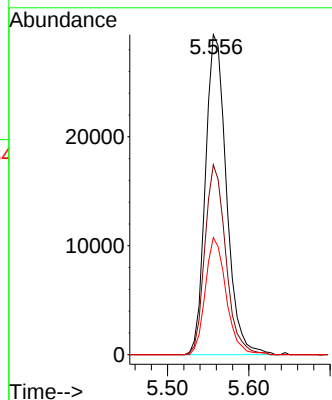
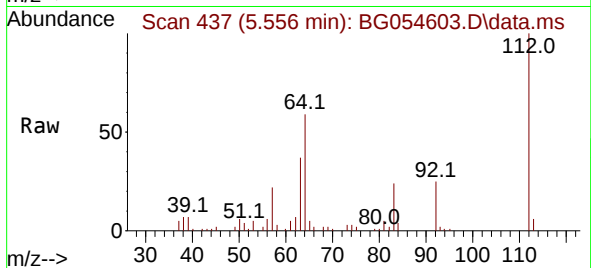




#5
2-Fluorophenol
Concen: 72.638 ng
RT: 5.556 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

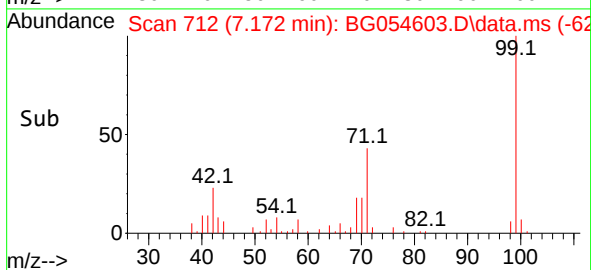
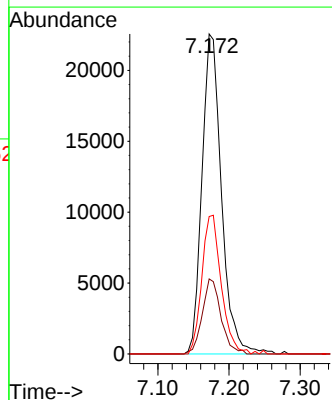
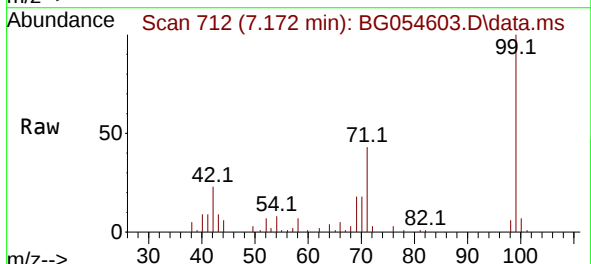
Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:112 Resp: 52697
Ion Ratio Lower Upper
112 100
64 59.3 55.1 82.7
63 36.6 30.4 45.6



#7
Phenol-d6
Concen: 43.389 ng
RT: 7.172 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

Tgt Ion: 99 Resp: 43132
Ion Ratio Lower Upper
99 100
42 23.4 17.0 25.6
71 42.9 33.8 50.8

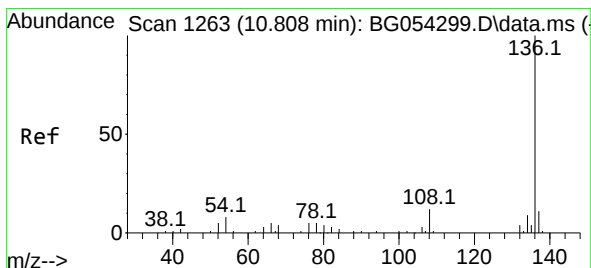
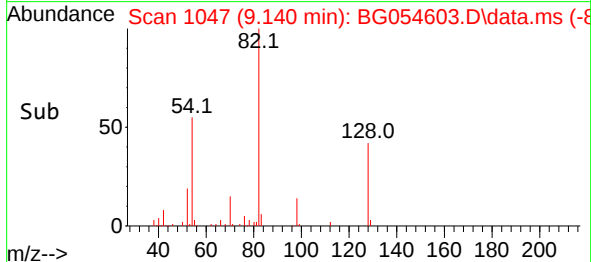
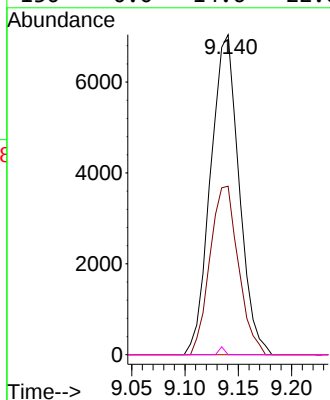
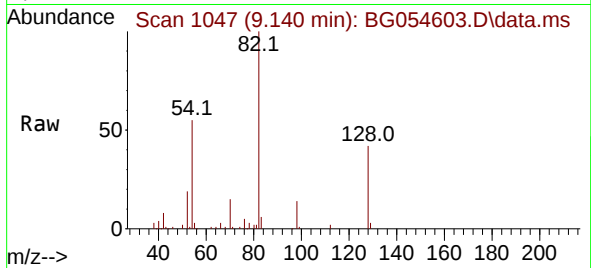




#19
n-Nitroso-di-n-propylamine
Concen: 19.721 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.357 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

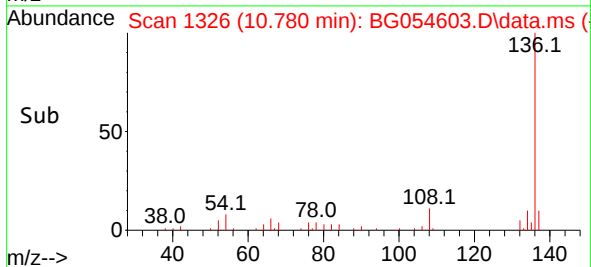
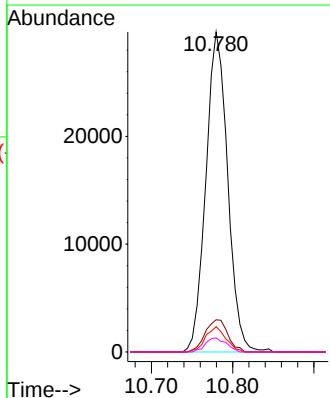
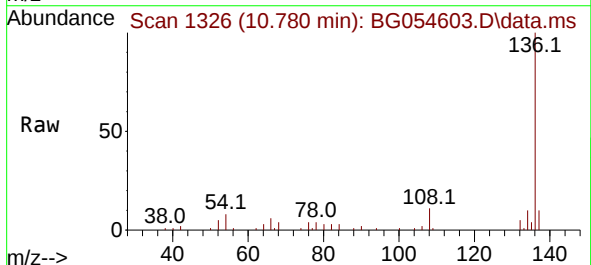
Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:	70	Resp:	13091
Ion	Ratio	Lower	Upper
70	100		
42	52.7	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: 10.780 min Scan# 1326
Delta R.T. -0.007 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

Tgt Ion:	136	Resp:	55382
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	7.9	7.4	11.2
68	4.4	4.9	7.3#

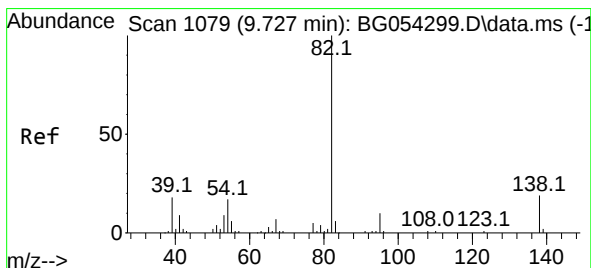
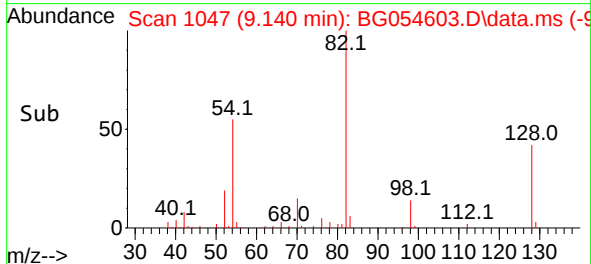
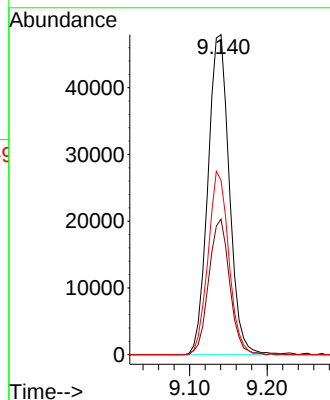
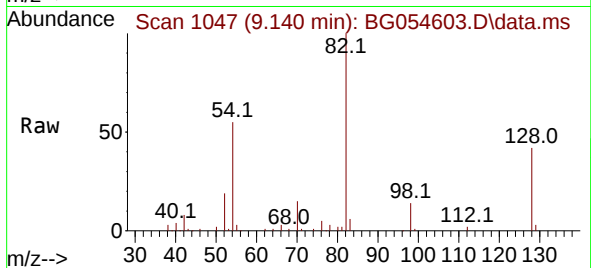




#23
Nitrobenzene-d5
Concen: 90.238 ng
RT: 9.140 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

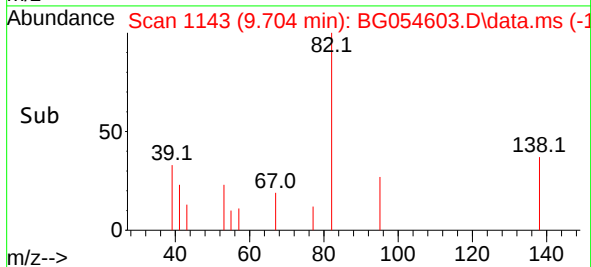
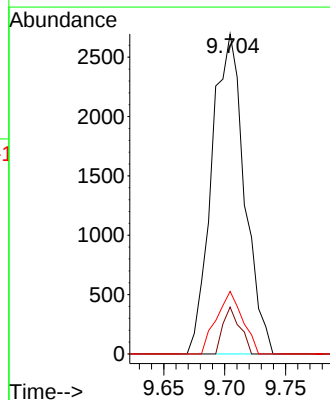
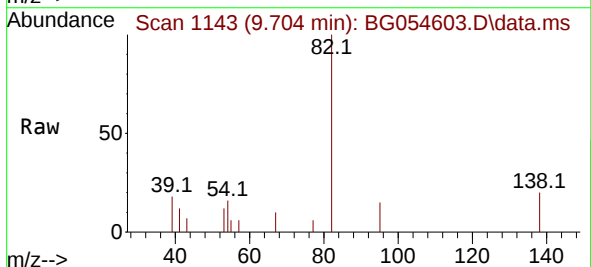
Instrument :
BNA_G
ClientSampleId :
MW-24

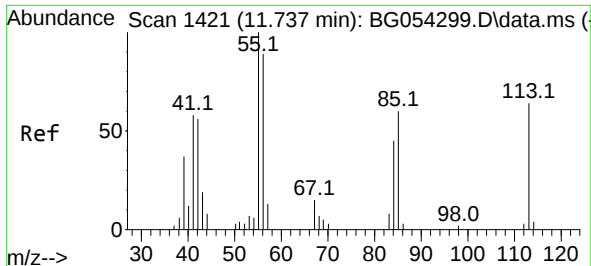
Tgt Ion: 82 Resp: 91771
Ion Ratio Lower Upper
82 100
128 42.4 27.9 41.9#
54 54.5 41.2 61.8



#25
Isophorone
Concen: 2.858 ng
RT: 9.704 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

Tgt Ion: 82 Resp: 5055
Ion Ratio Lower Upper
82 100
95 14.7 6.2 9.4#
138 19.5 11.6 17.4#

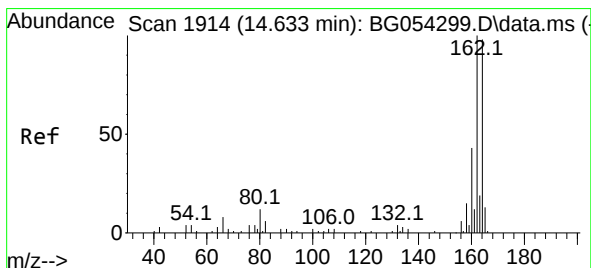
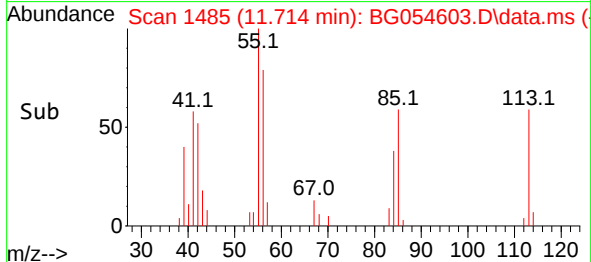
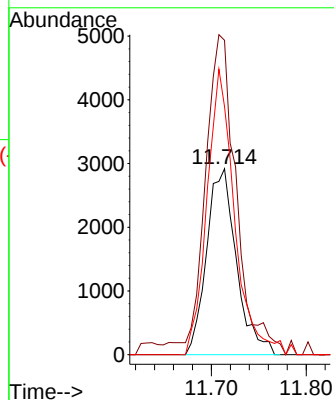
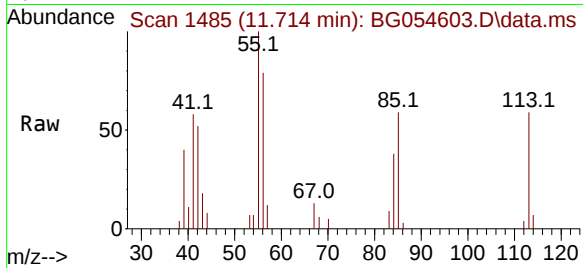




#35
Caprolactam
Concen: 24.233 ng
RT: 11.714 min Scan# 14
Delta R.T. -0.013 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

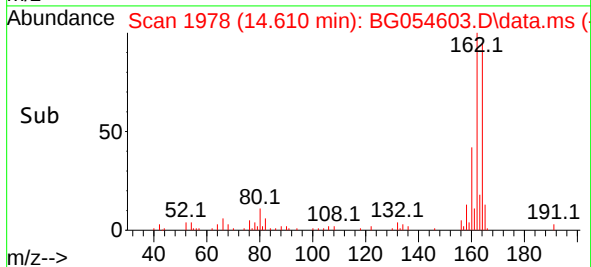
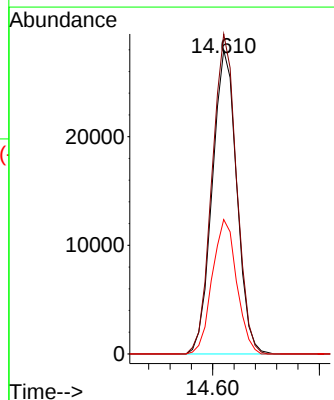
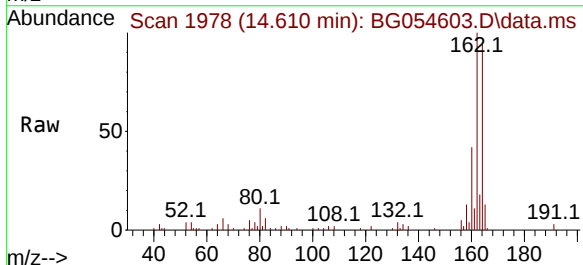
Instrument :
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ClientSampleId :
MW-24

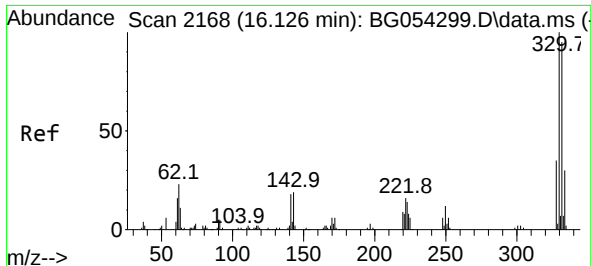
Tgt Ion:113 Resp: 6374
Ion Ratio Lower Upper
113 100
55 169.1 169.8 209.8#
56 133.5 141.2 181.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1978
Delta R.T. -0.007 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

Tgt Ion:164 Resp: 44486
Ion Ratio Lower Upper
164 100
162 105.3 82.3 123.5
160 44.2 34.2 51.2

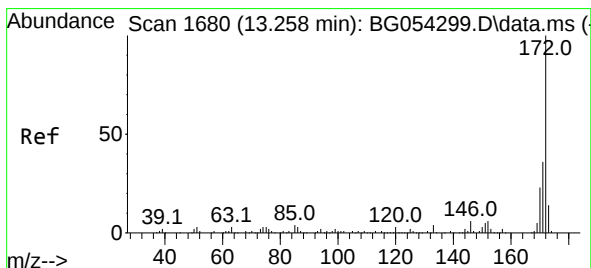
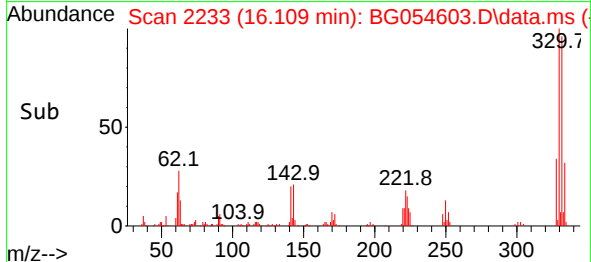
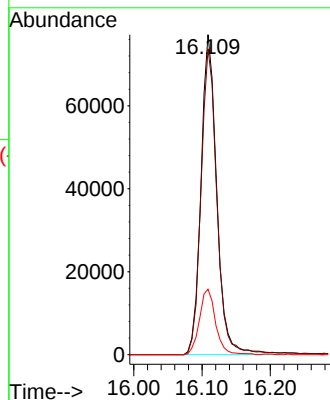
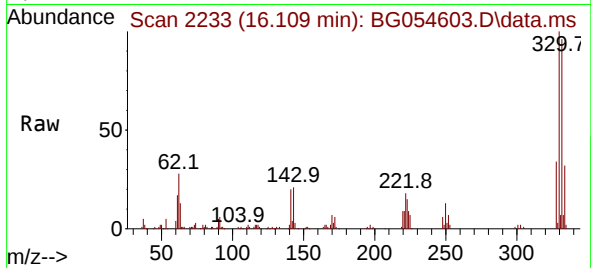




#42
 2,4,6-Tribromophenol
 Concen: 133.153 ng
 RT: 16.109 min Scan# 2168
 Delta R.T. -0.007 min
 Lab File: BG054603.D
 Acq: 11 Aug 2022 13:45

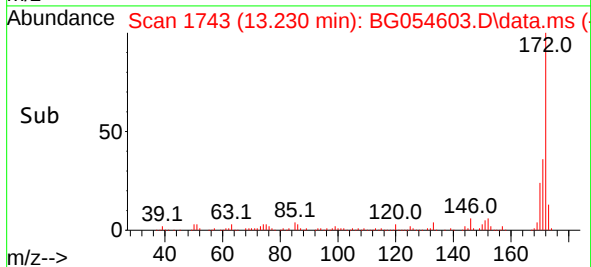
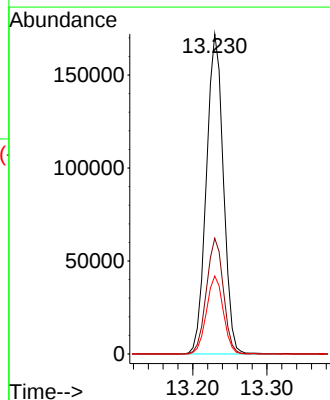
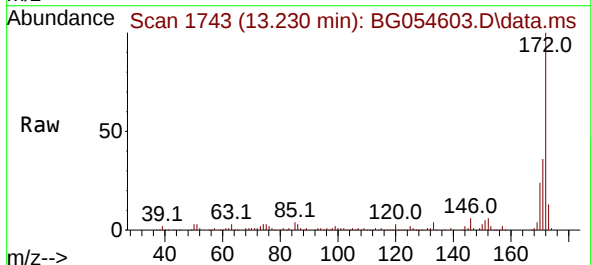
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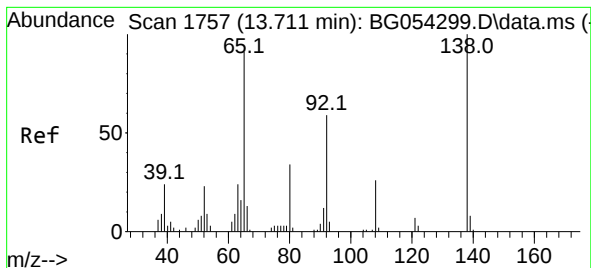
Tgt Ion:330 Resp: 124370
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.0 114.0
 141 20.9 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 86.813 ng
 RT: 13.230 min Scan# 1743
 Delta R.T. -0.007 min
 Lab File: BG054603.D
 Acq: 11 Aug 2022 13:45

Tgt Ion:172 Resp: 273763
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.3 18.9 28.3





#48

2-Nitroaniline

Concen: 5.834 ng

RT: 13.465 min Scan# 1

Delta R.T. -0.236 min

Lab File: BG054603.D

Acq: 11 Aug 2022 13:45

Instrument :

BNA_G

ClientSampleId :

MW-24

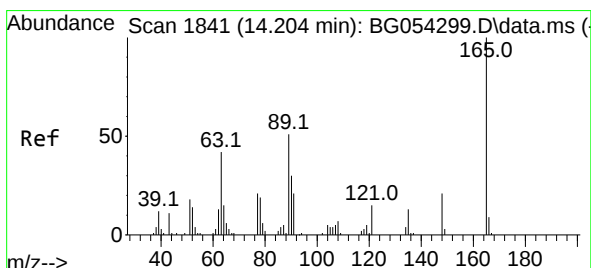
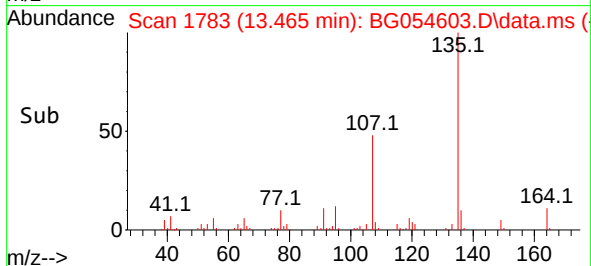
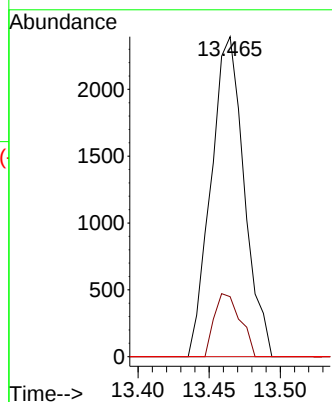
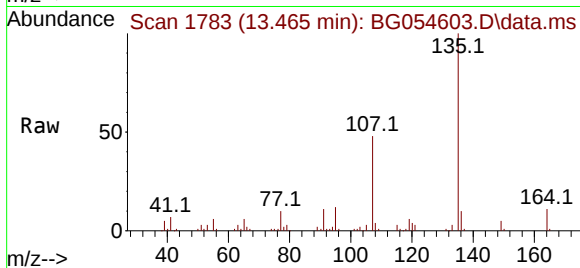
Tgt Ion: 65 Resp: 3878

Ion Ratio Lower Upper

65 100

92 18.8 51.5 77.3#

138 0.0 71.3 106.9#



#51

2,6-Dinitrotoluene

Concen: 7.471 ng

RT: 14.610 min Scan# 1978

Delta R.T. 0.416 min

Lab File: BG054603.D

Acq: 11 Aug 2022 13:45

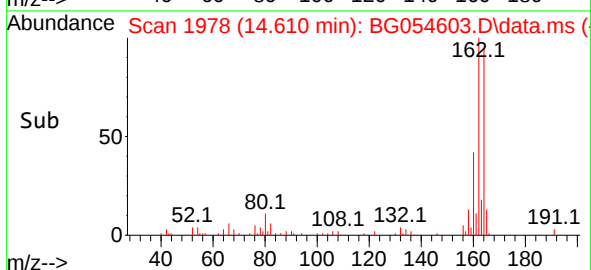
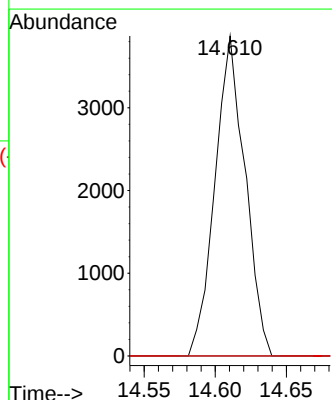
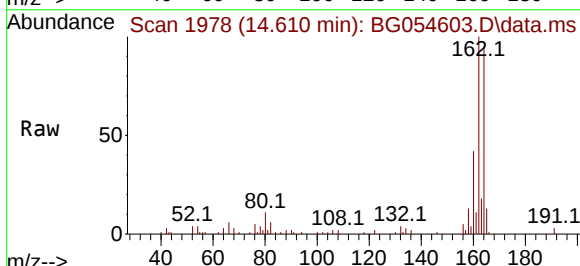
Tgt Ion: 165 Resp: 5694

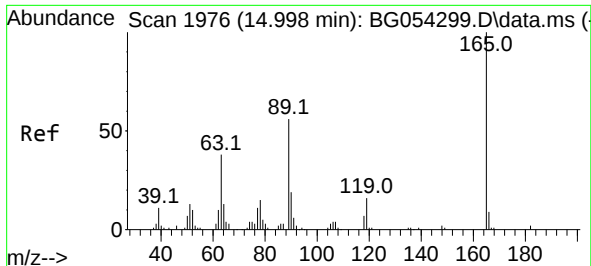
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.211 ng

RT: 14.610 min Scan# 11

Delta R.T. -0.383 min

Lab File: BG054603.D

Acq: 11 Aug 2022 13:45

Instrument :

BNA_G

ClientSampleId :

MW-24

Tgt Ion:165 Resp: 5694

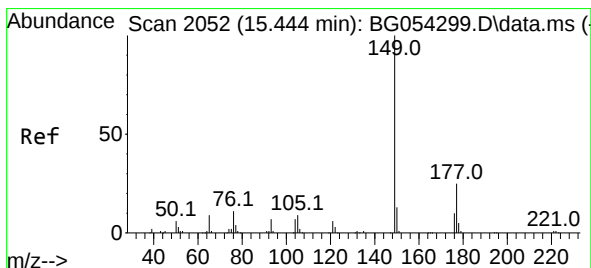
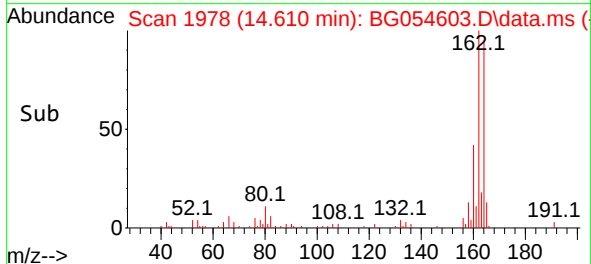
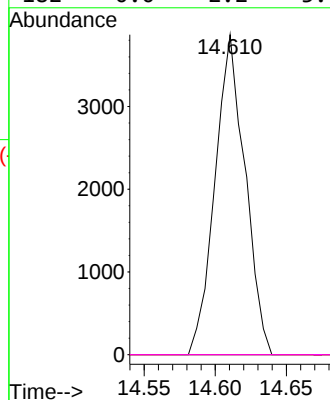
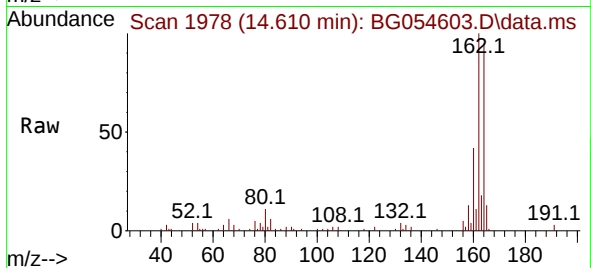
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#60

Diethylphthalate

Concen: 2.308 ng

RT: 15.421 min Scan# 2116

Delta R.T. -0.001 min

Lab File: BG054603.D

Acq: 11 Aug 2022 13:45

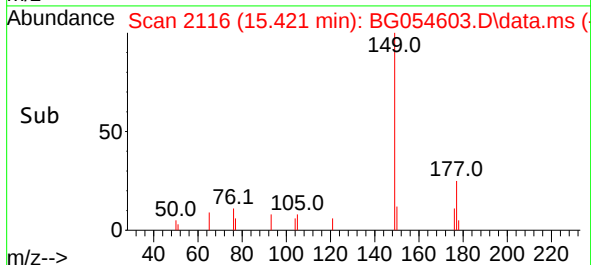
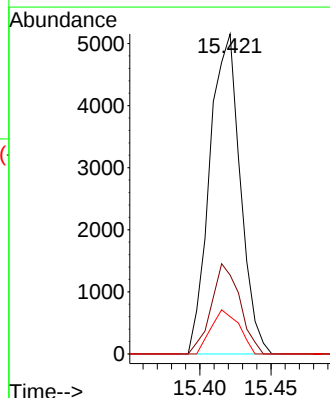
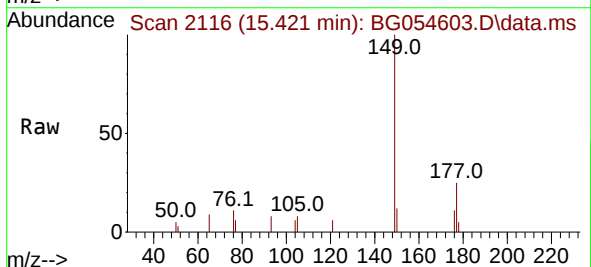
Tgt Ion:149 Resp: 7694

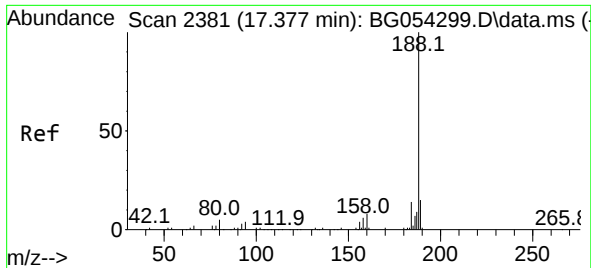
Ion Ratio Lower Upper

149 100

177 24.6 18.4 27.6

150 11.6 11.2 16.8

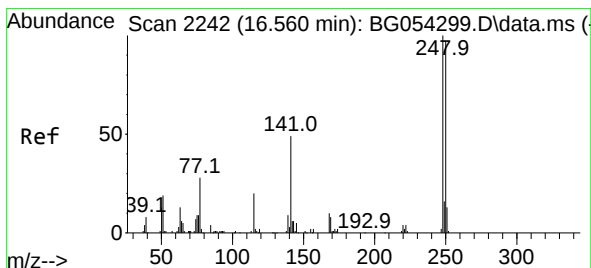
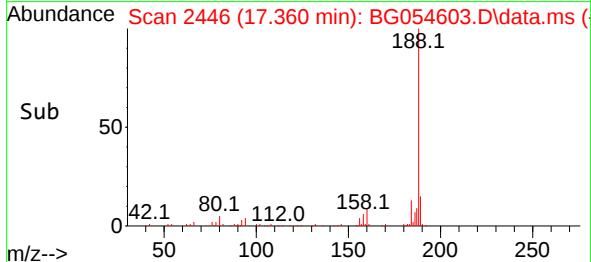
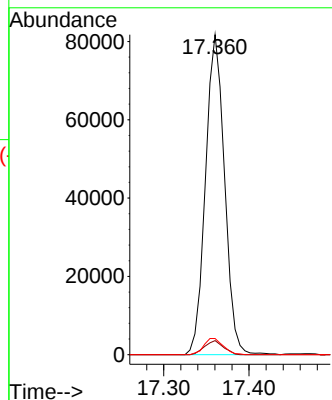
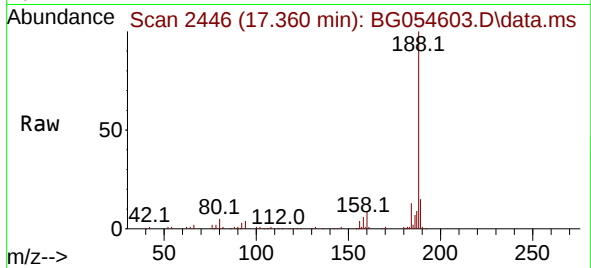




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

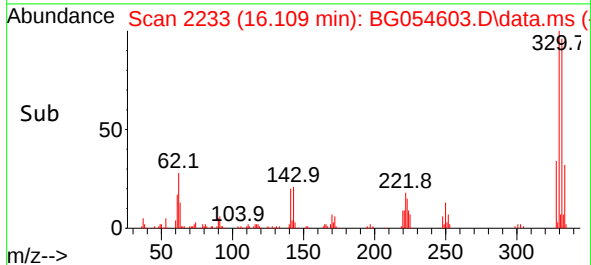
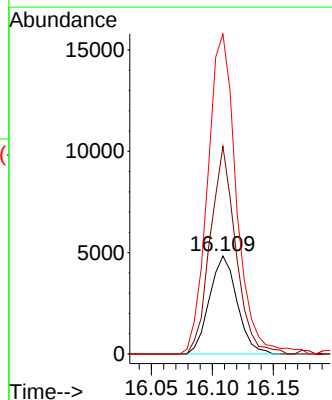
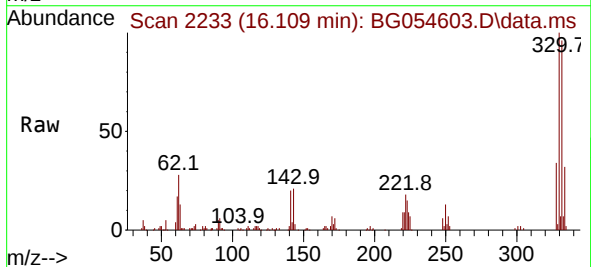
Instrument :
BNA_G
ClientSampleId :
MW-24

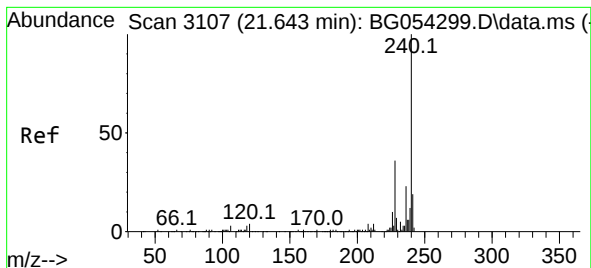
Tgt Ion:188 Resp: 126950
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 5.0 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.270 ng
RT: 16.109 min Scan# 2233
Delta R.T. -0.436 min
Lab File: BG054603.D
Acq: 11 Aug 2022 13:45

Tgt Ion:248 Resp: 7614
Ion Ratio Lower Upper
248 100
250 211.9 75.2 112.8#
141 326.5 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.626 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054603.D

Acq: 11 Aug 2022 13:45

Instrument :

BNA_G

ClientSampleId :

MW-24

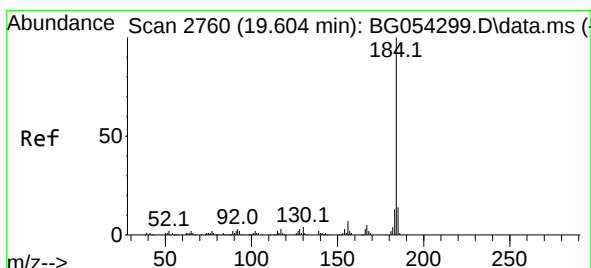
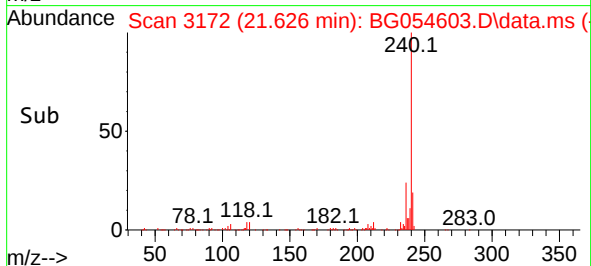
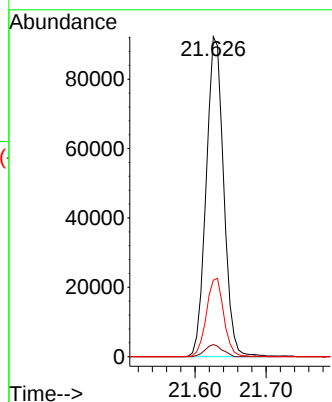
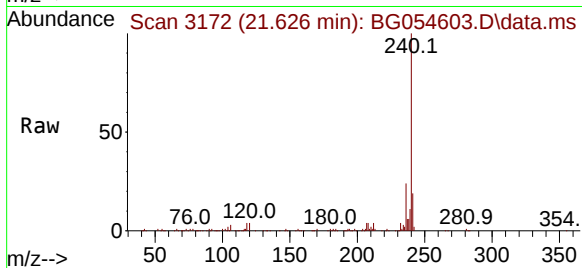
Tgt Ion:240 Resp: 157838

Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 23.9 20.2 30.4



#77

Benzidine

Concen: 3.460 ng

RT: 19.969 min Scan# 2890

Delta R.T. 0.375 min

Lab File: BG054603.D

Acq: 11 Aug 2022 13:45

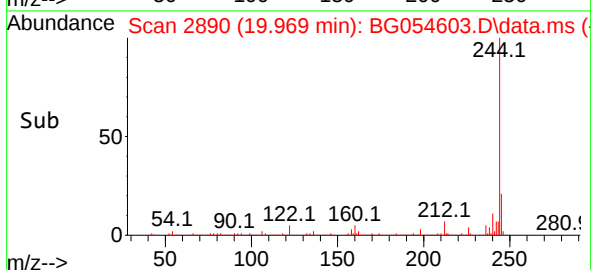
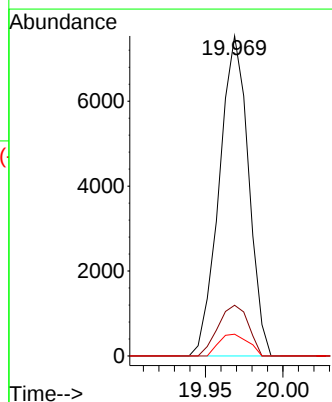
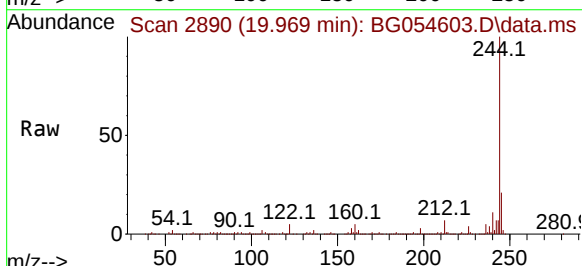
Tgt Ion:184 Resp: 9891

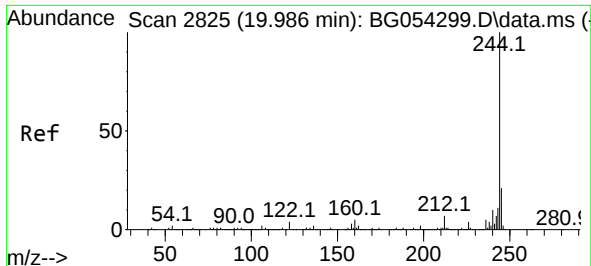
Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.6

183 6.8 8.9 13.3#

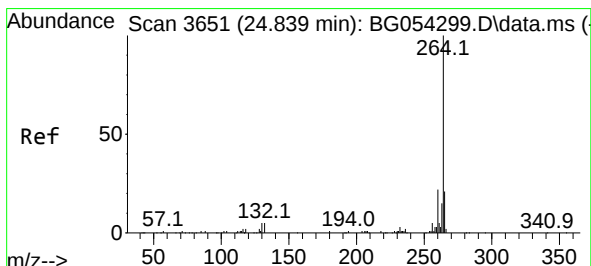
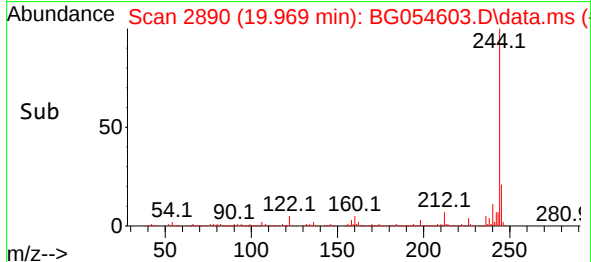
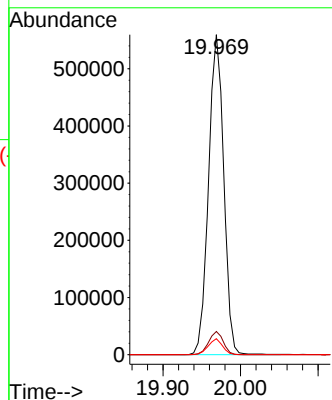
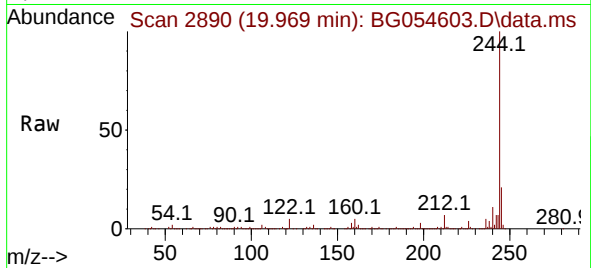




#79
 Terphenyl-d14
 Concen: 95.975 ng
 RT: 19.969 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054603.D
 Acq: 11 Aug 2022 13:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Tgt Ion:244 Resp: 763607
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 5.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.834 min Scan# 3718
 Delta R.T. -0.001 min
 Lab File: BG054603.D
 Acq: 11 Aug 2022 13:45

Tgt Ion:264 Resp: 162454
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.4 17.4 26.2

