

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054177.D
 Acq On : 30 Jun 2022 20:05
 Operator : CG/JU
 Sample : N3450-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-17

Quant Time: Jul 01 04:05:23 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 27 00:27:54 2022
 Response via : Initial Calibration

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

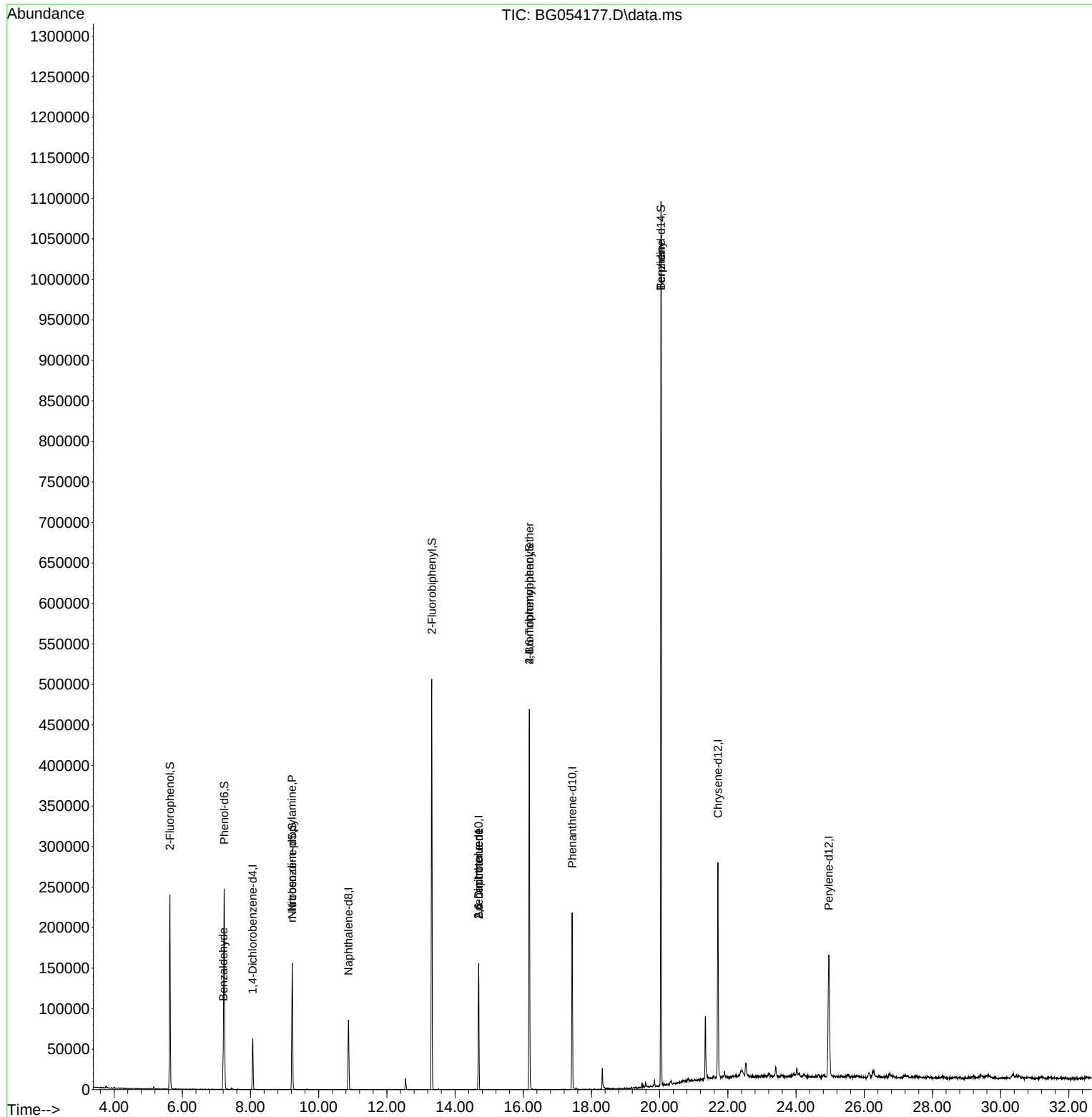
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	19604	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	79855	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	60611	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	158654	20.000	ng	# 0.00
76) Chrysene-d12	21.707	240	179691	20.000	ng	-0.01
86) Perylene-d12	24.962	264	184120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	112120	109.347	ng	0.00
7) Phenol-d6	7.230	99	147852	106.294	ng	0.00
23) Nitrobenzene-d5	9.227	82	101156	71.186	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	117533	120.692	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	293496	70.413	ng	0.00
79) Terphenyl-d14	20.044	244	650056	72.862	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.200	77	15326	18.669	ng	# 70
19) n-Nitroso-di-n-propyla...	9.222	70	13845	14.815	ng	# 77
51) 2,6-Dinitrotoluene	14.692	165	8587	9.207	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	8587	6.519	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	7519	3.795	ng	# 1
77) Benzidine	20.038	184	8663	2.328	ng	# 92

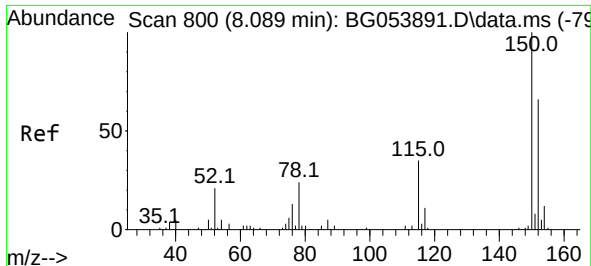
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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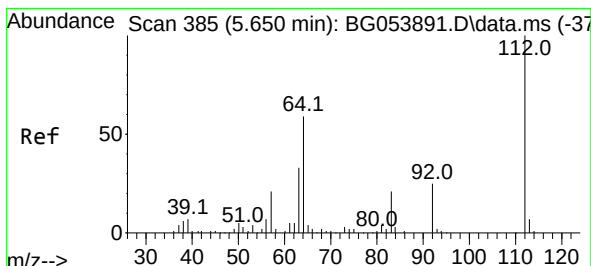
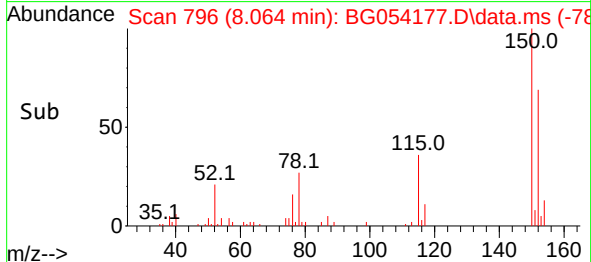
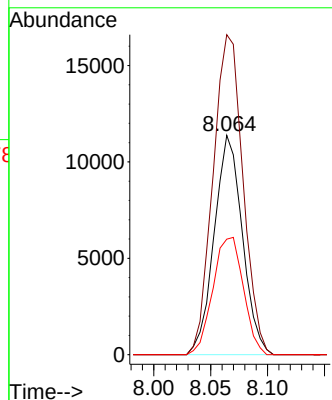
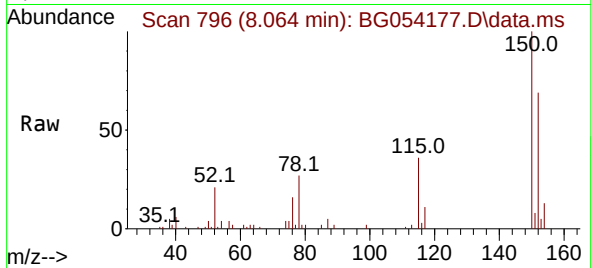




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.064 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BG054177.D
 Acq: 30 Jun 2022 20:05

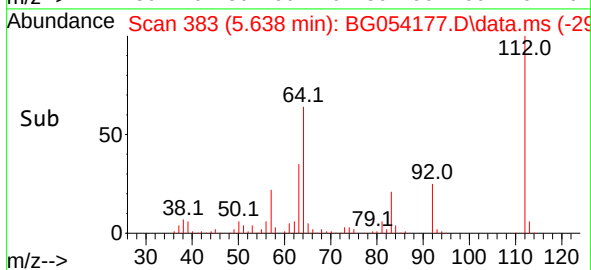
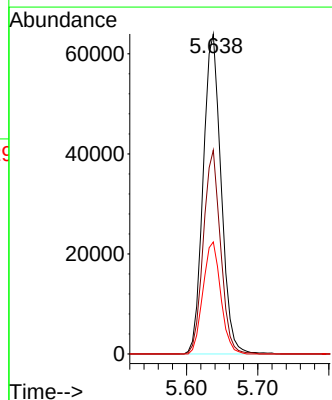
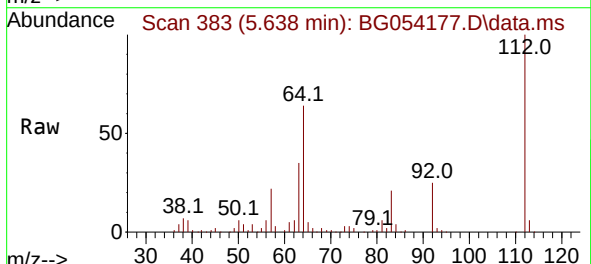
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-17

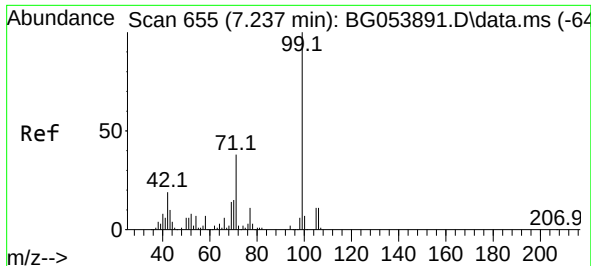
Tgt Ion:152 Resp: 19604
 Ion Ratio Lower Upper
 152 100
 150 145.9 131.6 197.4
 115 52.7 50.9 76.3



#5
 2-Fluorophenol
 Concen: 109.347 ng
 RT: 5.638 min Scan# 383
 Delta R.T. -0.000 min
 Lab File: BG054177.D
 Acq: 30 Jun 2022 20:05

Tgt Ion:112 Resp: 112120
 Ion Ratio Lower Upper
 112 100
 64 63.7 55.1 82.7
 63 35.0 30.4 45.6

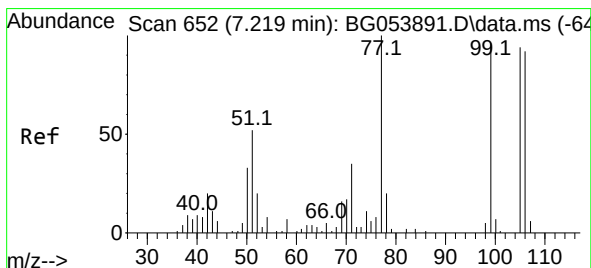
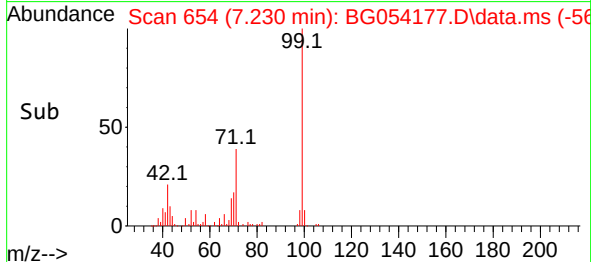
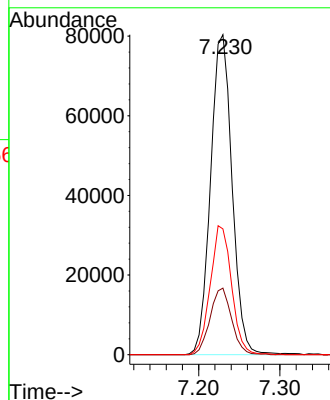
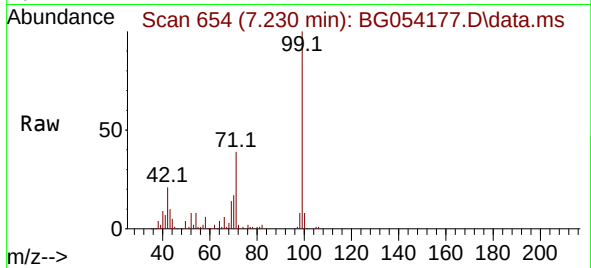




#7
Phenol-d6
Concen: 106.294 ng
RT: 7.230 min Scan# 611
Delta R.T. -0.000 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

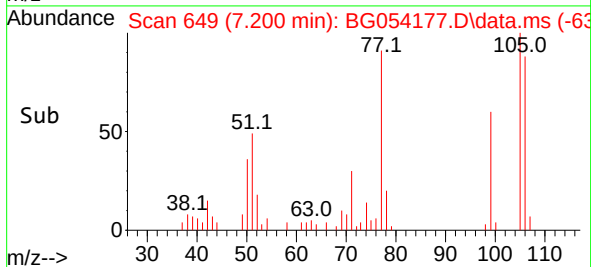
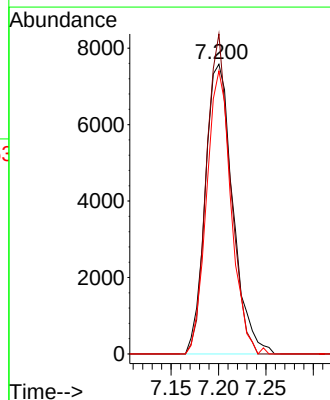
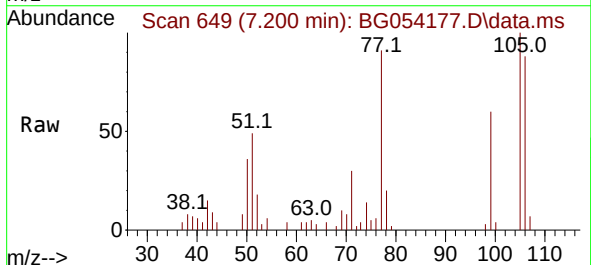
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-17

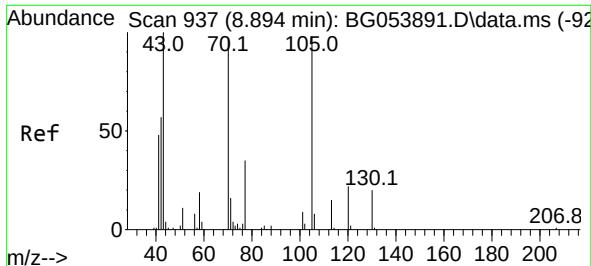
Tgt Ion: 99 Resp: 147852
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 39.3 33.8 50.8



#9
Benzaldehyde
Concen: 18.669 ng
RT: 7.200 min Scan# 649
Delta R.T. -0.006 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

Tgt Ion: 77 Resp: 15326
Ion Ratio Lower Upper
77 100
105 110.4 59.6 99.6#
106 97.7 56.8 96.8#

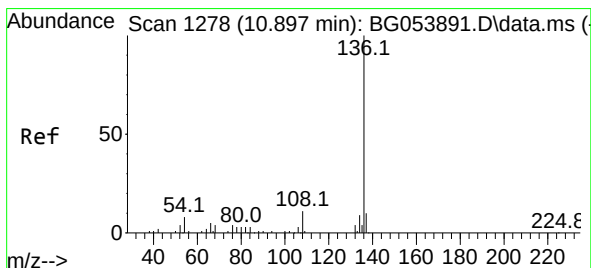
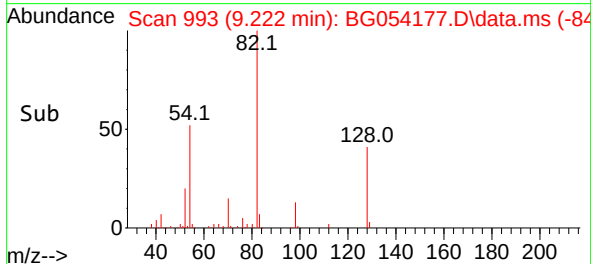
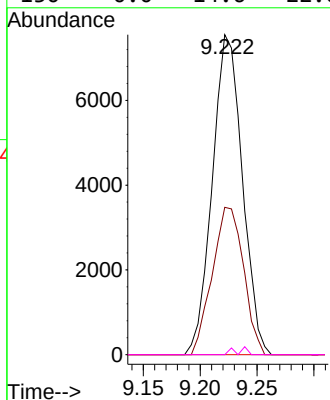
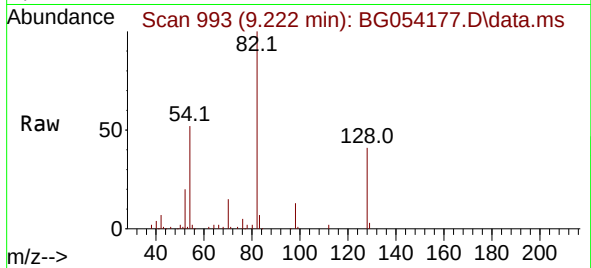




#19
n-Nitroso-di-n-propylamine
Concen: 14.815 ng
RT: 9.222 min Scan# 91
Delta R.T. 0.346 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

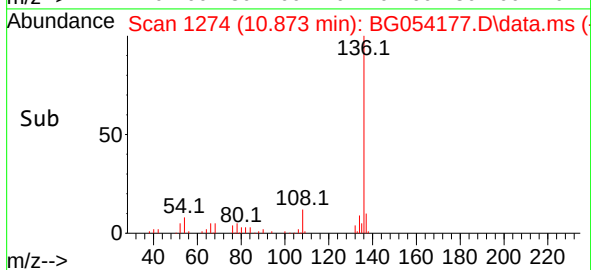
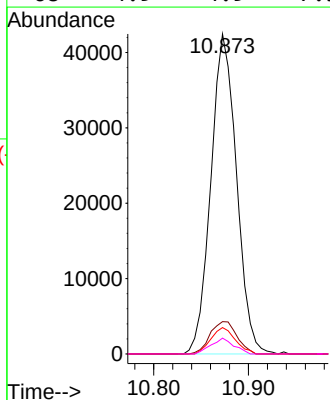
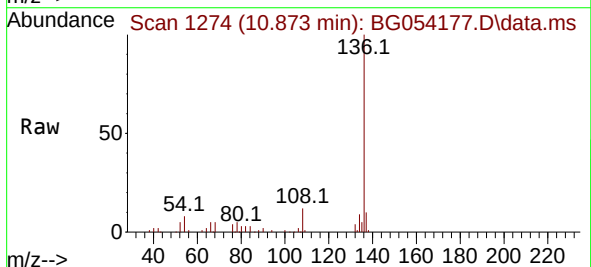
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-17

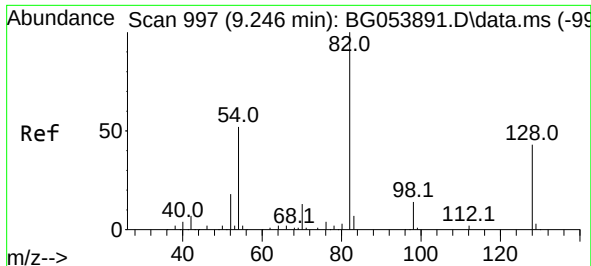
Tgt Ion: 70 Resp: 13845
Ion Ratio Lower Upper
70 100
42 46.1 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

Tgt Ion: 136 Resp: 79855
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 8.3 7.4 11.2
68 4.9 4.9 7.3

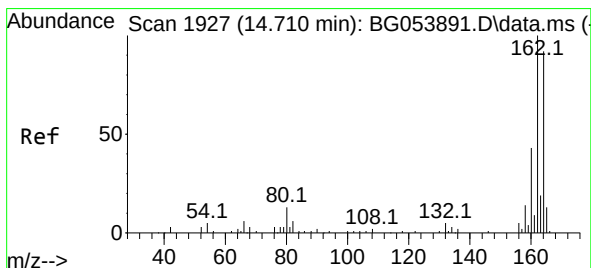
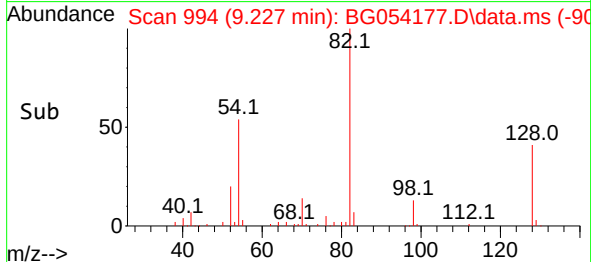
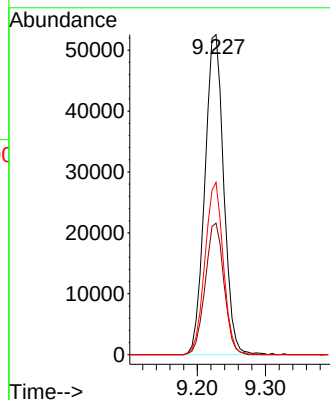
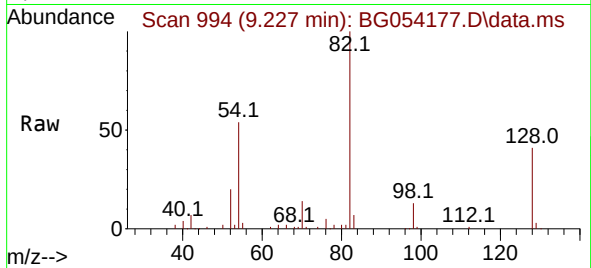




#23
Nitrobenzene-d5
Concen: 71.186 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

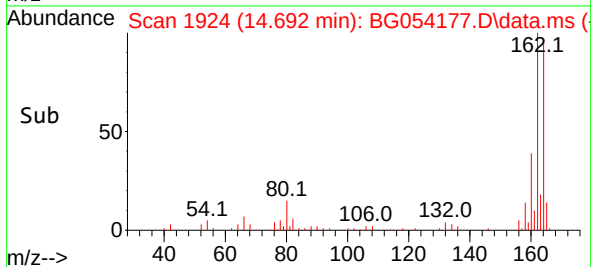
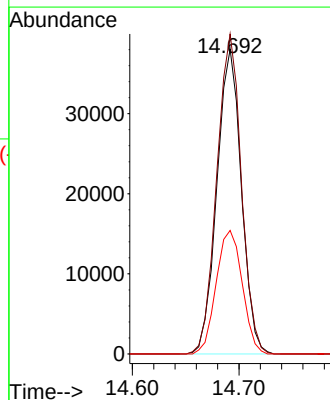
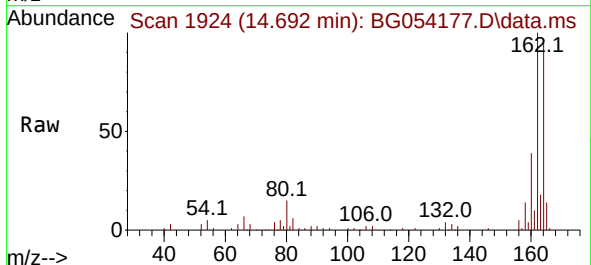
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-17

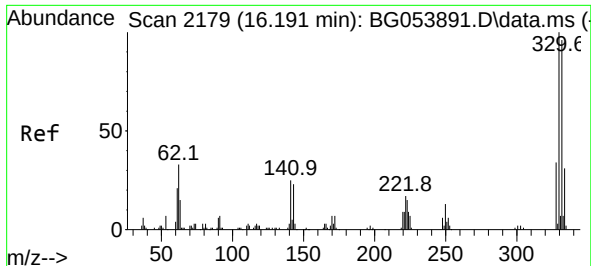
Tgt Ion: 82 Resp: 101156
Ion Ratio Lower Upper
82 100
128 41.1 27.9 41.9
54 53.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

Tgt Ion: 164 Resp: 60611
Ion Ratio Lower Upper
164 100
162 105.0 82.3 123.5
160 40.5 34.2 51.2

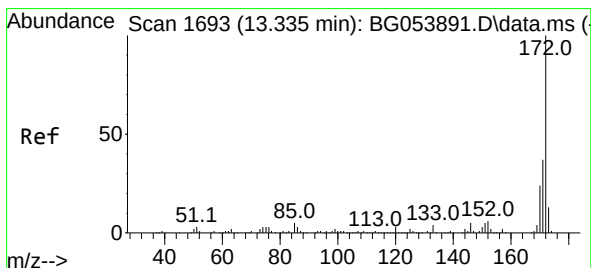
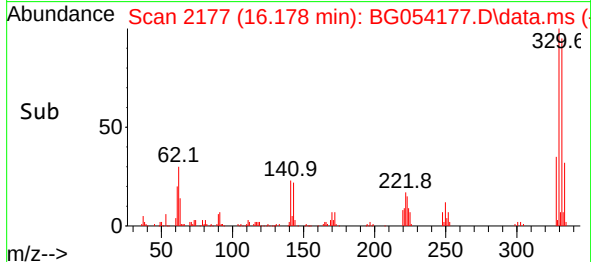
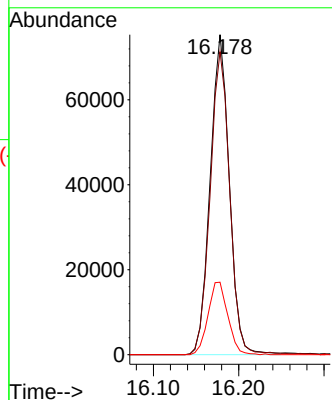
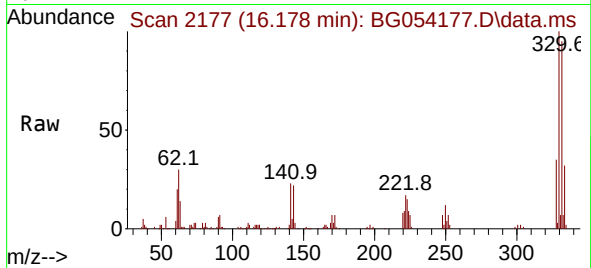




#42
2,4,6-Tribromophenol
Concen: 120.692 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

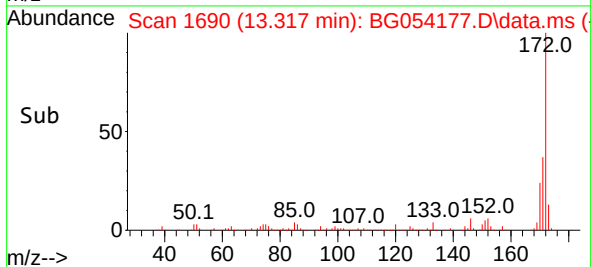
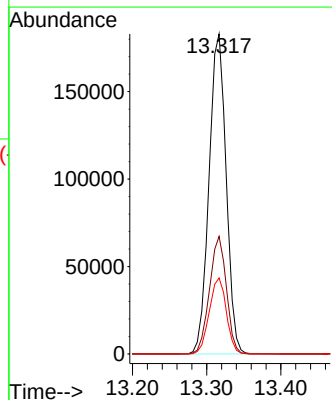
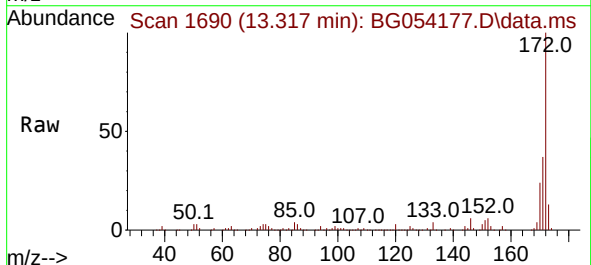
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-17

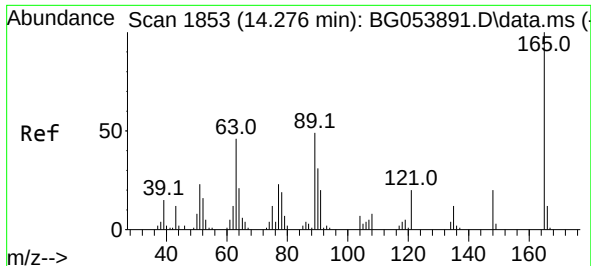
Tgt Ion:330 Resp: 117533
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 23.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 70.413 ng
RT: 13.317 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

Tgt Ion:172 Resp: 293496
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.7 18.9 28.3

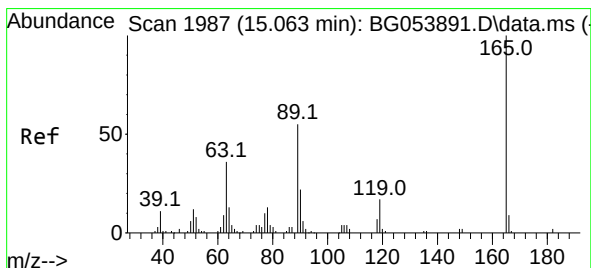
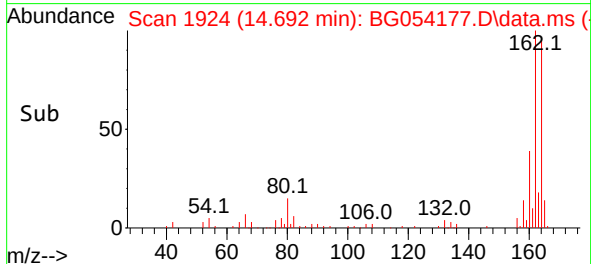
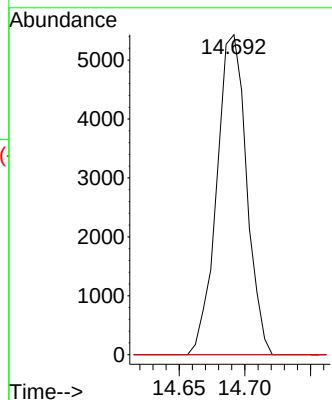
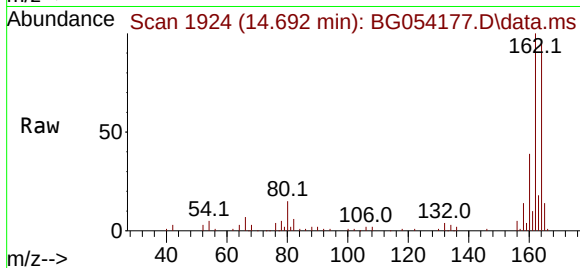




#51
2,6-Dinitrotoluene
Concen: 9.207 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.428 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

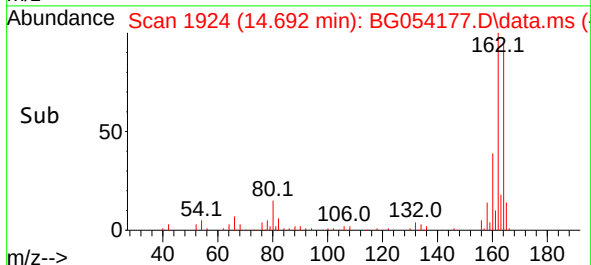
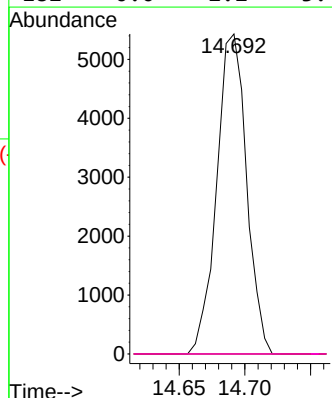
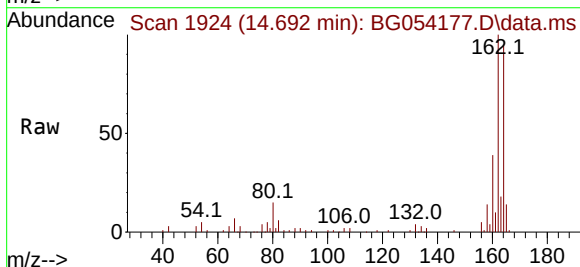
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ClientSampleId :
PH1-BOT-17

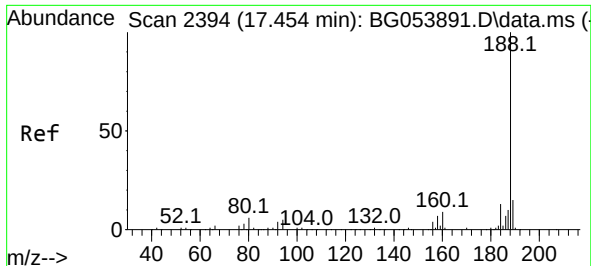
Tgt Ion:165 Resp: 8587
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.519 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.359 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

Tgt Ion:165 Resp: 8587
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#

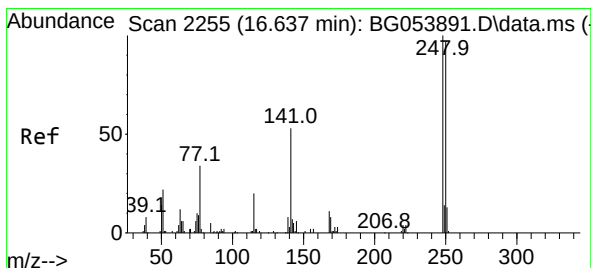
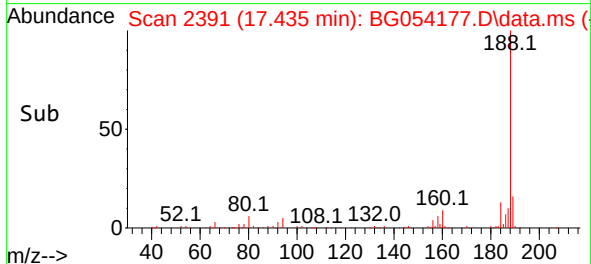
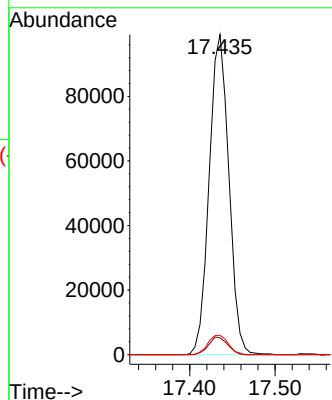
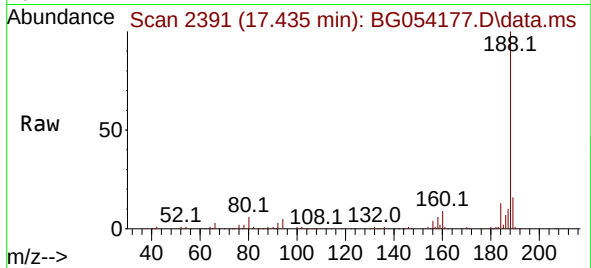




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

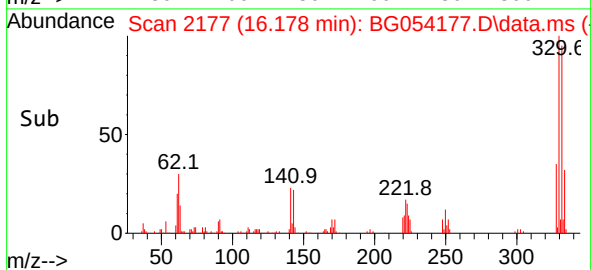
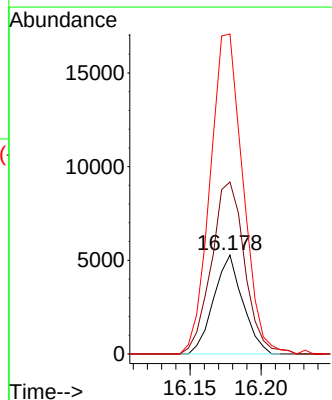
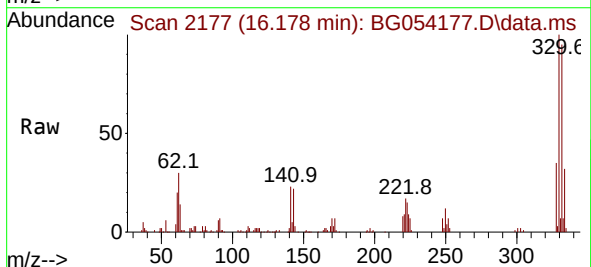
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-17

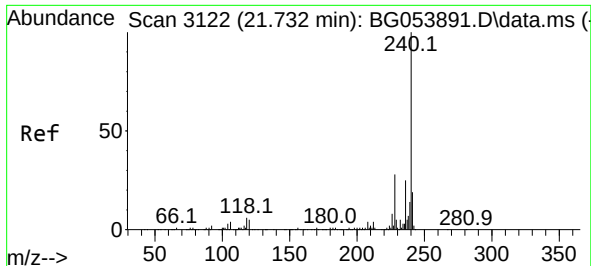
Tgt Ion:188 Resp: 158654
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 6.1 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.795 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.447 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

Tgt Ion:248 Resp: 7519
Ion Ratio Lower Upper
248 100
250 179.9 75.2 112.8#
141 252.6 50.0 75.0#

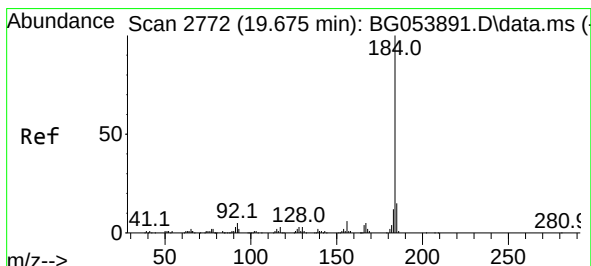
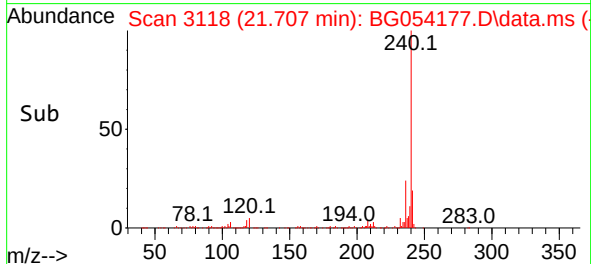
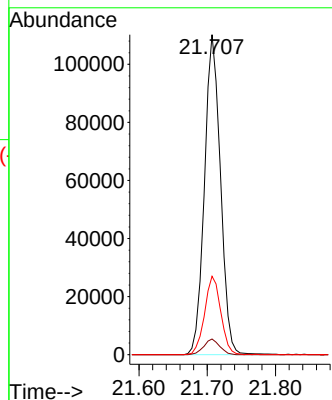
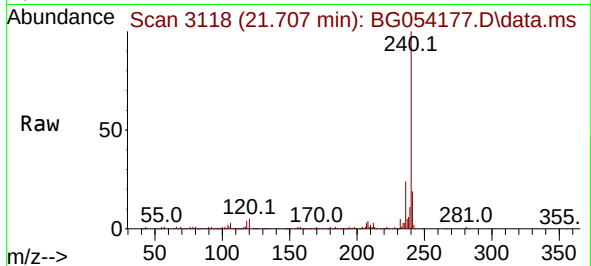




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.707 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

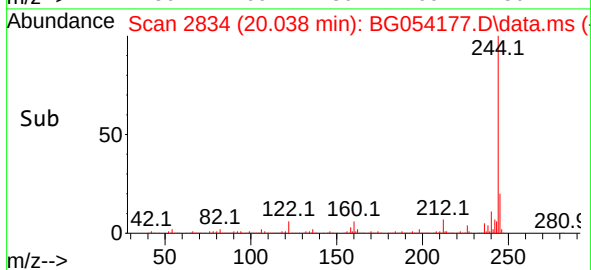
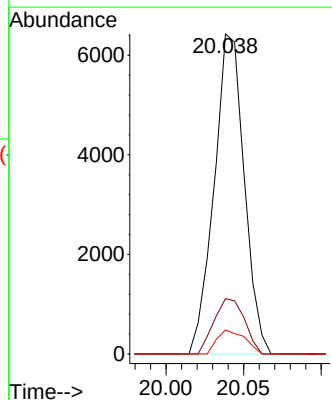
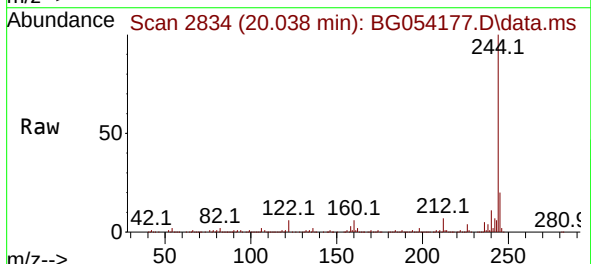
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-17

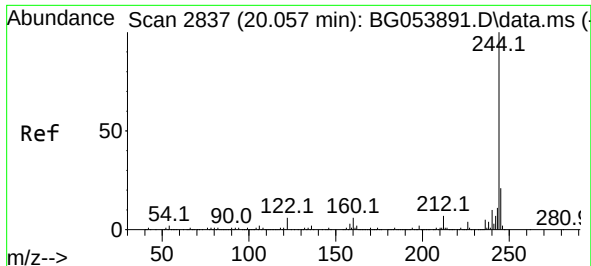
Tgt Ion:240 Resp: 179691
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 24.5 20.2 30.4



#77
Benzidine
Concen: 2.328 ng
RT: 20.038 min Scan# 2834
Delta R.T. 0.376 min
Lab File: BG054177.D
Acq: 30 Jun 2022 20:05

Tgt Ion:184 Resp: 8663
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 7.5 8.9 13.3#

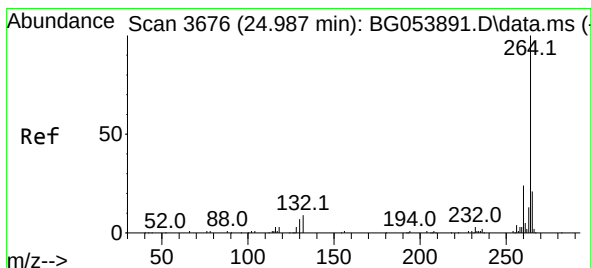
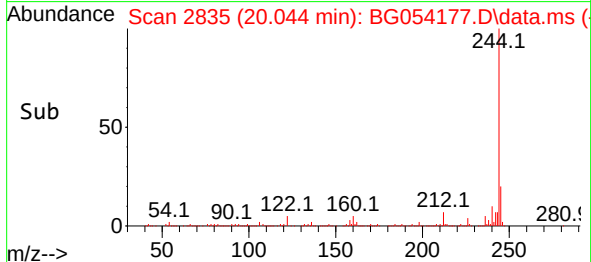
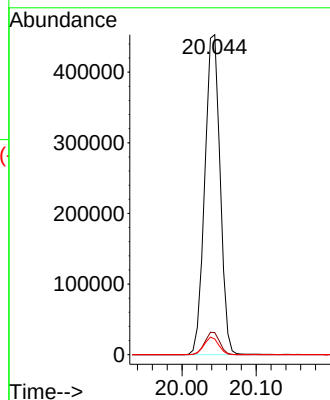
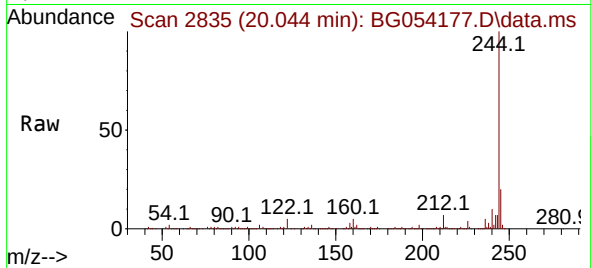




#79
 Terphenyl-d14
 Concen: 72.862 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054177.D
 Acq: 30 Jun 2022 20:05

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-17

Tgt Ion:244 Resp: 650056
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.962 min Scan# 3672
 Delta R.T. -0.000 min
 Lab File: BG054177.D
 Acq: 30 Jun 2022 20:05

Tgt Ion:264 Resp: 184120
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.8 17.4 26.2

