

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053056.D
 Acq On : 6 Apr 2022 15:50
 Operator : CG/JU
 Sample : N2269-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LP-2

Quant Time: Apr 06 16:30:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

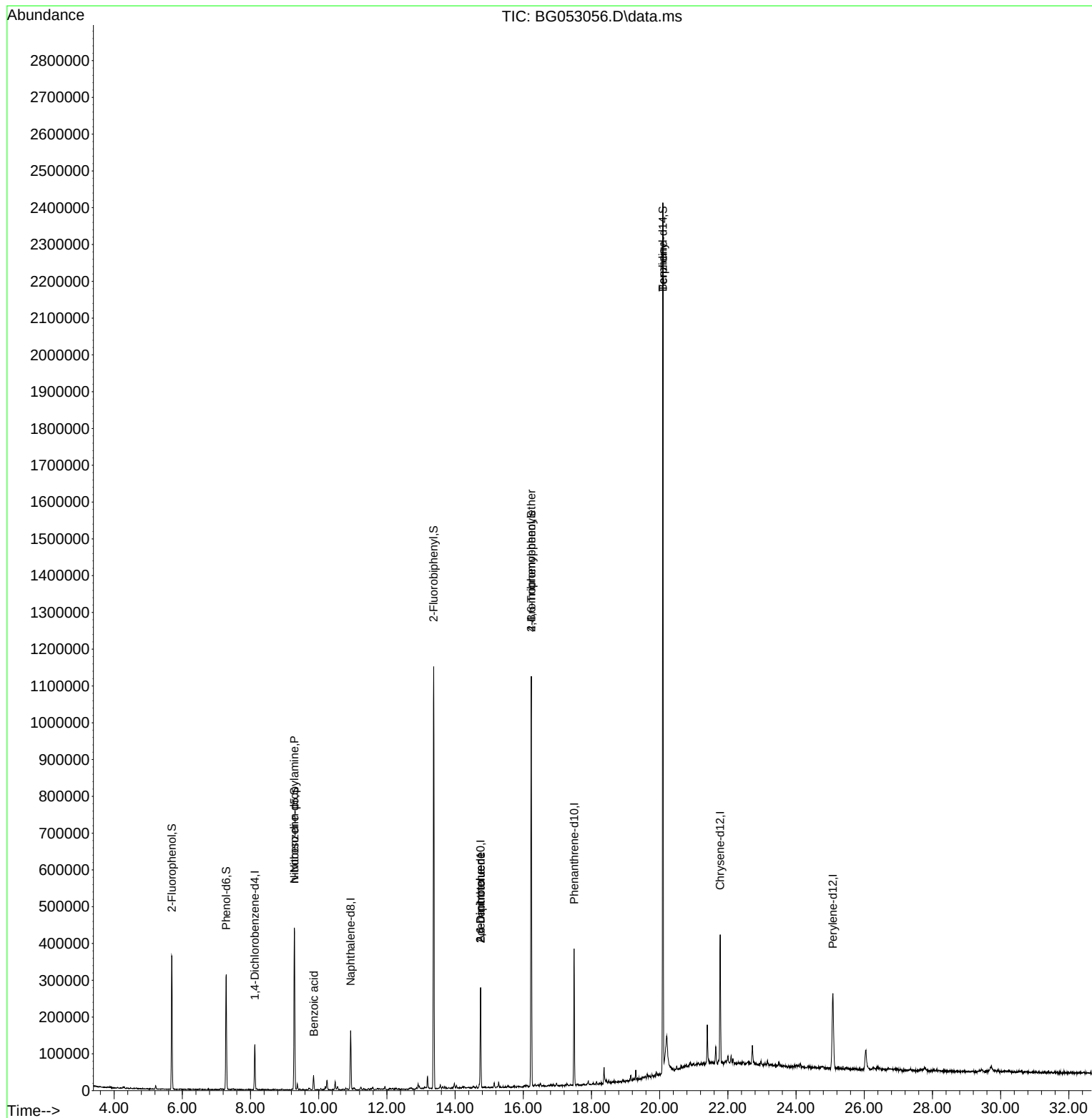
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	32374	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	130101	20.000	ng	0.00
39) Acenaphthene-d10	14.748	164	94288	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	224777	20.000	ng	0.00
76) Chrysene-d12	21.774	240	223349	20.000	ng	0.00
86) Perylene-d12	25.082	264	229922	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	147118	79.140	ng	0.01
7) Phenol-d6	7.288	99	174680	62.328	ng	0.00
23) Nitrobenzene-d5	9.285	82	278427	107.411	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	219640	173.357	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	606463	94.863	ng	0.00
79) Terphenyl-d14	20.094	244	1164673	92.760	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.259	77	661	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	9.285	70	39176	19.737	ng	# 79
32) Benzoic acid	9.861	122	120	5.750	ng	# 1
51) 2,6-Dinitrotoluene	14.748	165	12297	10.394	ng	# 25
57) 2,4-Dinitrotoluene	14.748	165	12297	7.491	ng	# 24
67) 4-Bromophenyl-phenylether	16.235	248	14674	5.415	ng	# 1
77) Benzidine	20.094	184	21553	3.741	ng	# 90

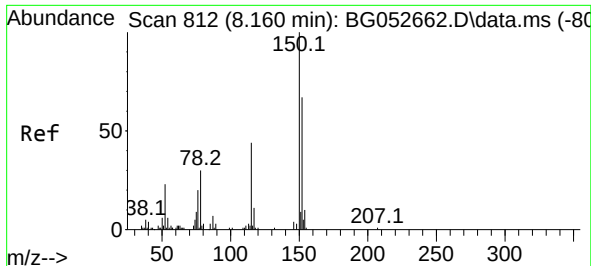
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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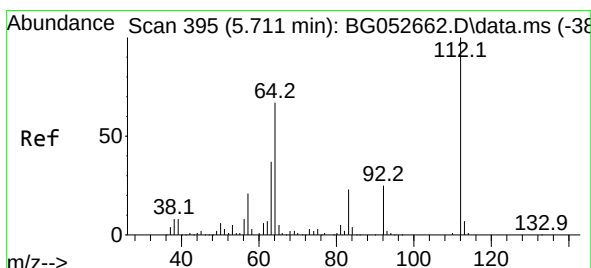
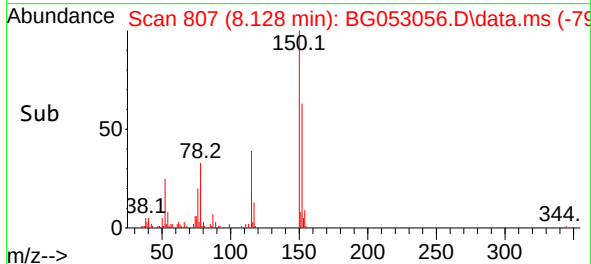
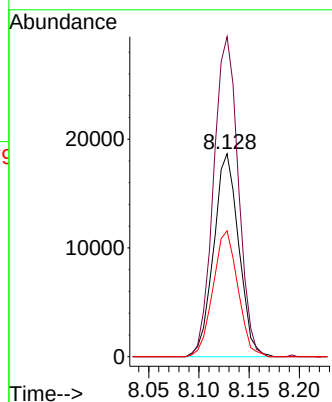
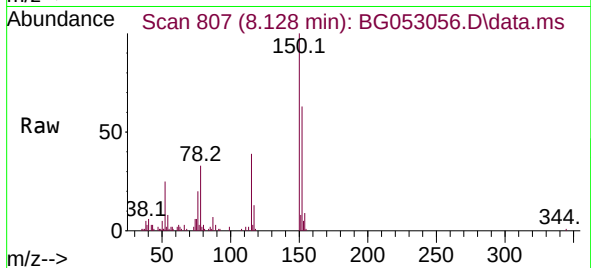




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

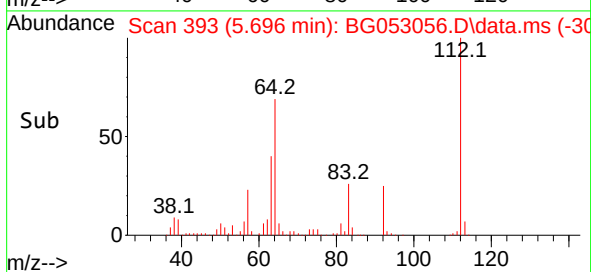
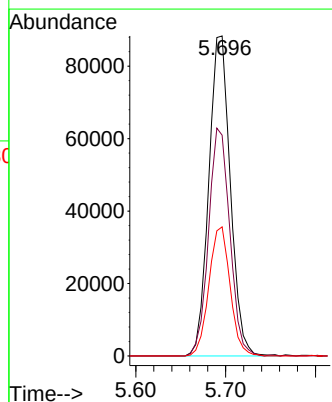
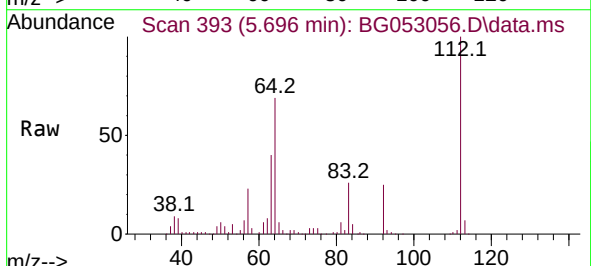
Instrument :
BNA_G
ClientSampleId :
LP-2

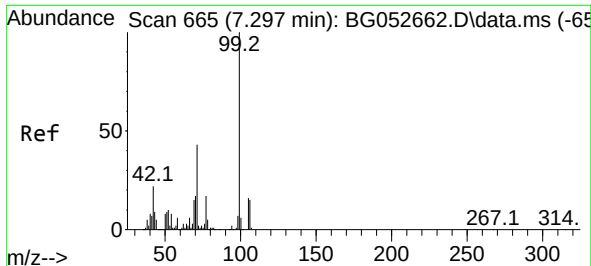
Tgt Ion:152 Resp: 32374
Ion Ratio Lower Upper
152 100
150 157.8 114.6 172.0
115 62.1 45.9 68.9



#5
2-Fluorophenol
Concen: 79.140 ng
RT: 5.696 min Scan# 393
Delta R.T. 0.012 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Tgt Ion:112 Resp: 147118
Ion Ratio Lower Upper
112 100
64 69.0 48.0 72.0
63 40.4 26.5 39.7#

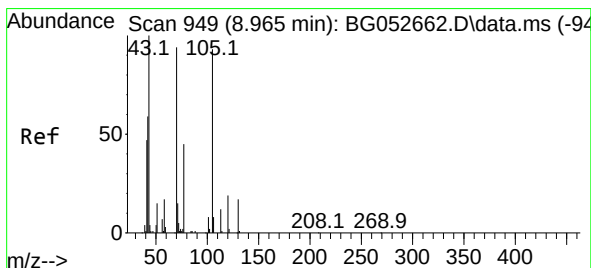
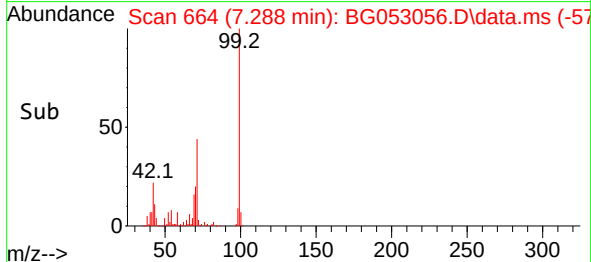
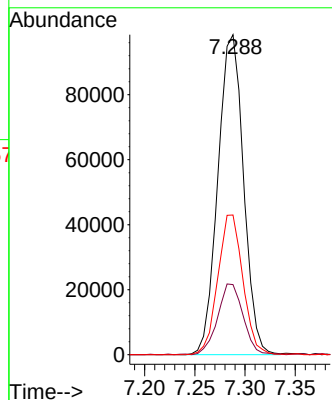
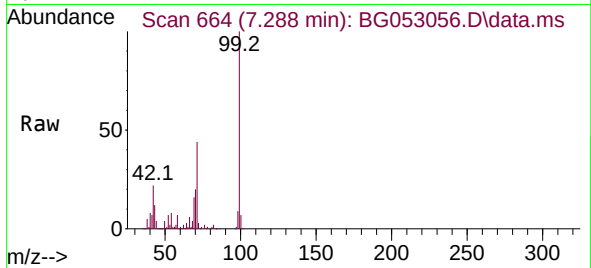




#7
Phenol-d6
Concen: 62.328 ng
RT: 7.288 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

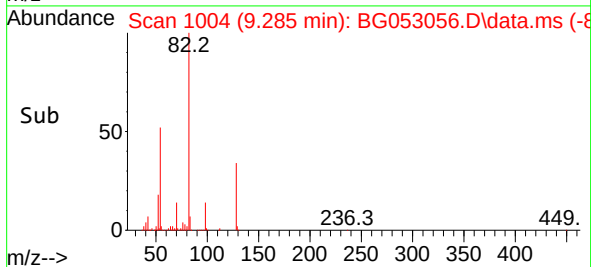
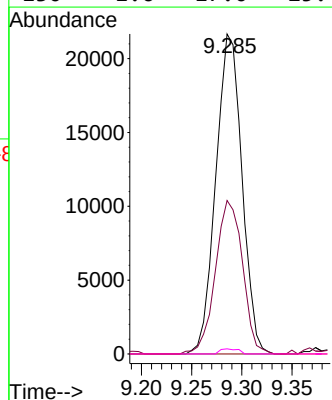
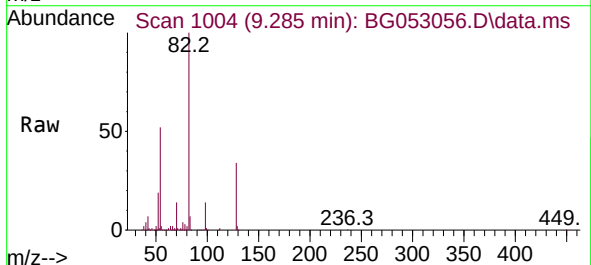
Instrument :
BNA_G
ClientSampleId :
LP-2

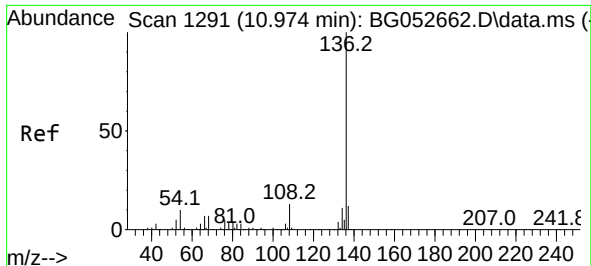
Tgt Ion: 99 Resp: 174680
Ion Ratio Lower Upper
99 100
42 21.9 14.7 22.1
71 43.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.737 ng
RT: 9.285 min Scan# 1004
Delta R.T. 0.358 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Tgt Ion: 70 Resp: 39176
Ion Ratio Lower Upper
70 100
42 47.9 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



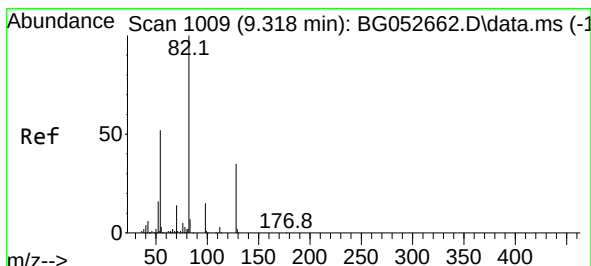
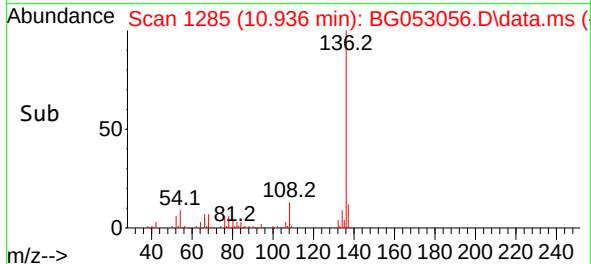
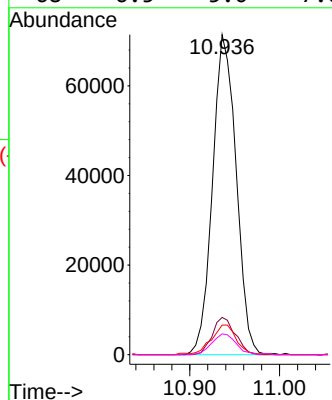
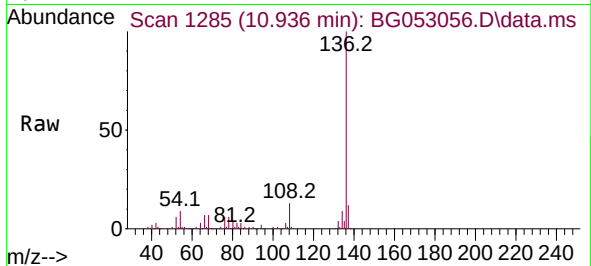


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Instrument :
BNA_G
ClientSampleId :
LP-2

Tgt Ion:136 Resp: 130101

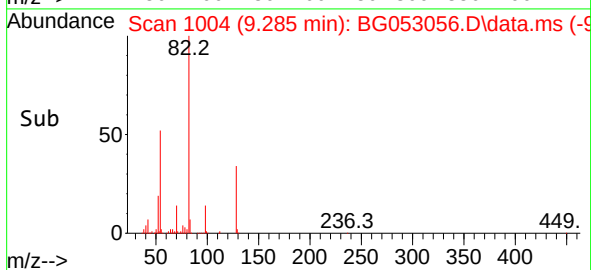
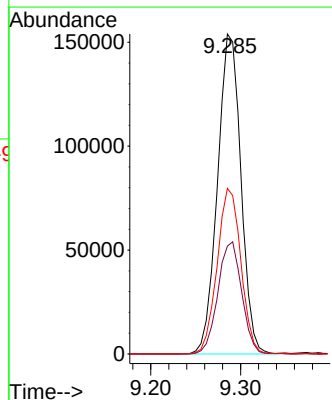
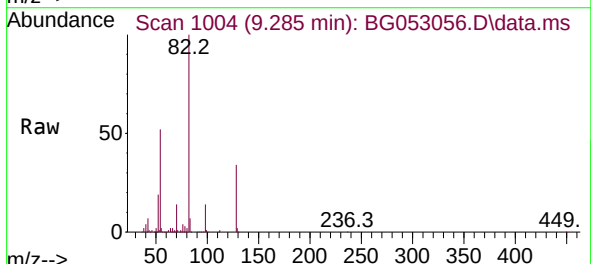
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.3	6.4	9.6
68	6.5	5.0	7.6

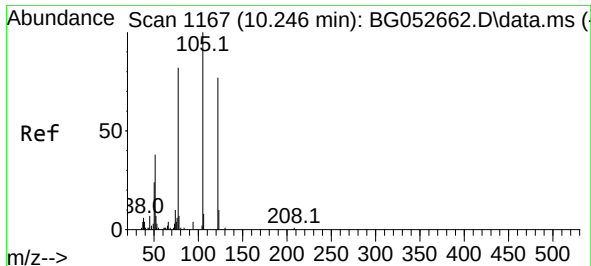


#23
Nitrobenzene-d5
Concen: 107.411 ng
RT: 9.285 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Tgt Ion: 82 Resp: 278427

Ion	Ratio	Lower	Upper
82	100		
128	33.7	31.3	46.9
54	51.8	37.8	56.8

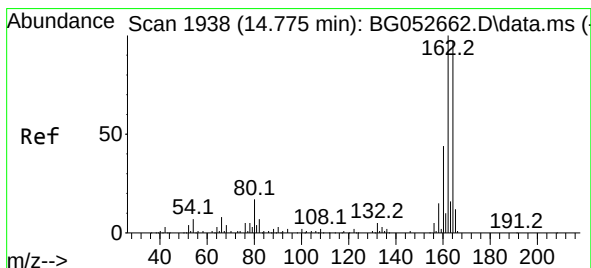
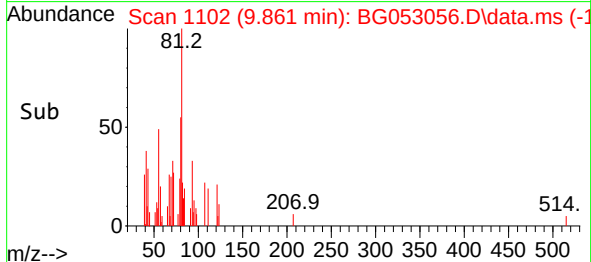
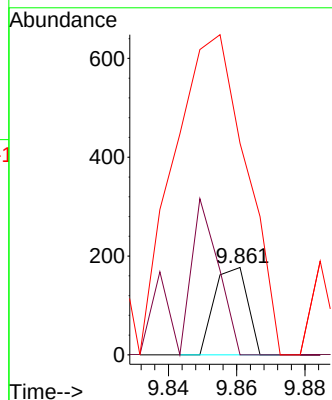
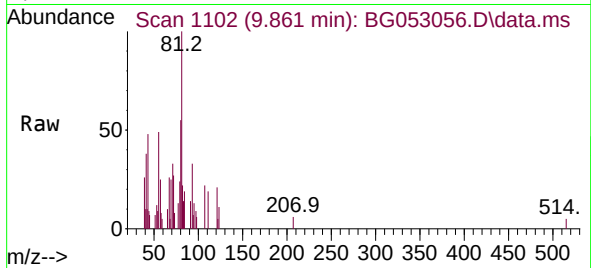




#32
Benzoic acid
Concen: 5.750 ng
RT: 9.861 min Scan# 1167
Delta R.T. -0.376 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

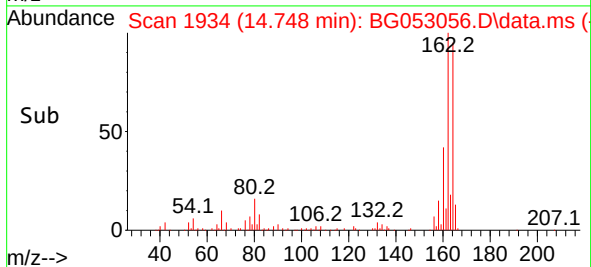
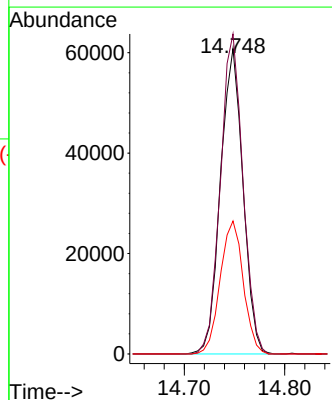
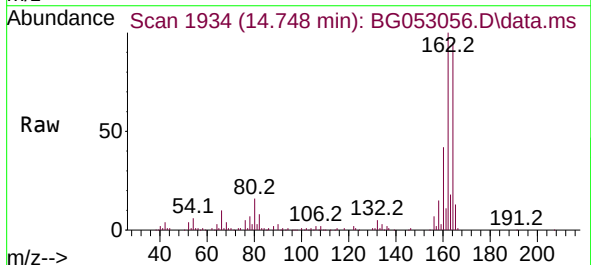
Instrument :
BNA_G
ClientSampleId :
LP-2

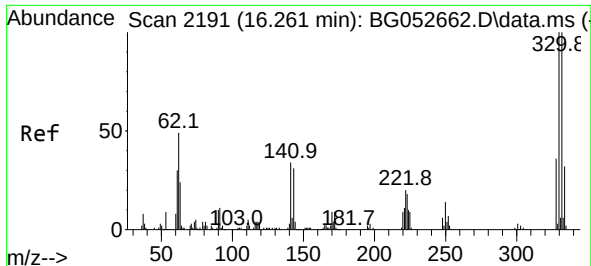
Tgt Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 241.8 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Tgt Ion:164 Resp: 94288
Ion Ratio Lower Upper
164 100
162 104.8 80.0 120.0
160 43.5 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 173.357 ng

RT: 16.235 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053056.D

Acq: 6 Apr 2022 15:50

Instrument :

BNA_G

ClientSampleId :

LP-2

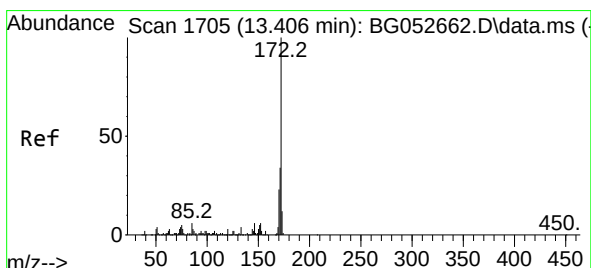
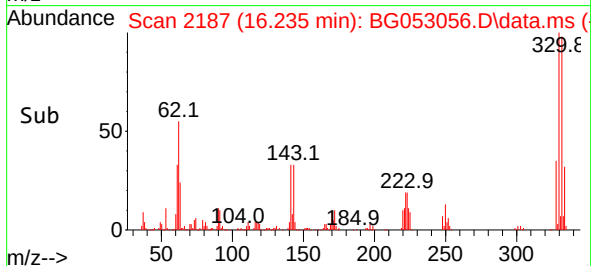
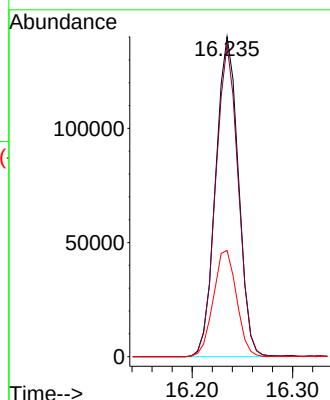
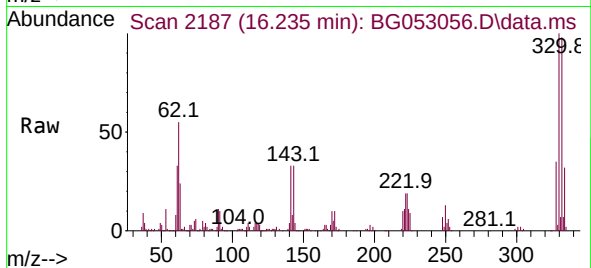
Tgt Ion:330 Resp: 219640

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

141 34.0 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 94.863 ng

RT: 13.374 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BG053056.D

Acq: 6 Apr 2022 15:50

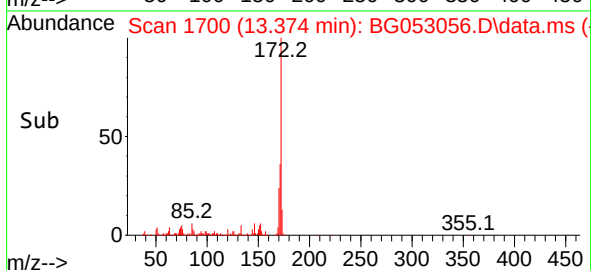
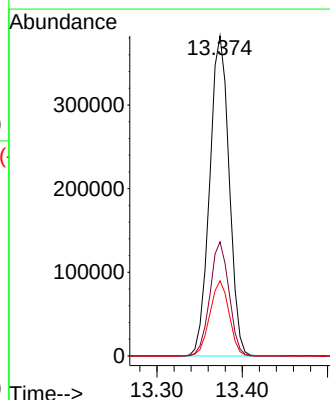
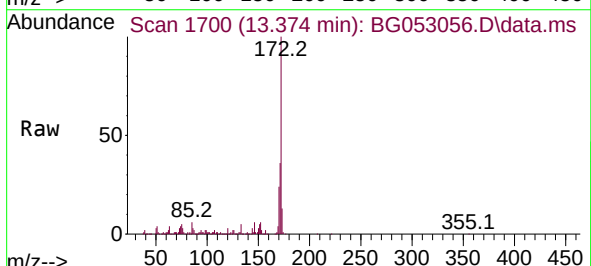
Tgt Ion:172 Resp: 606463

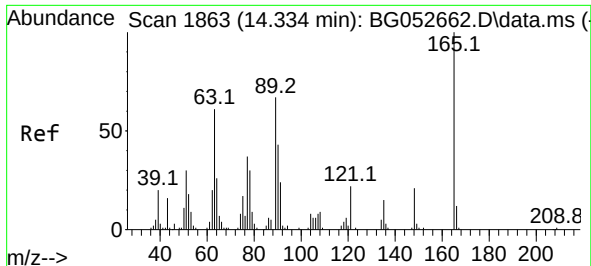
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 18.0 27.0

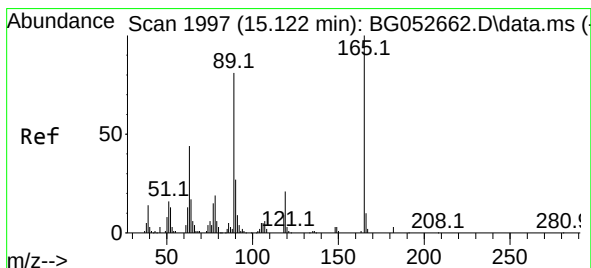
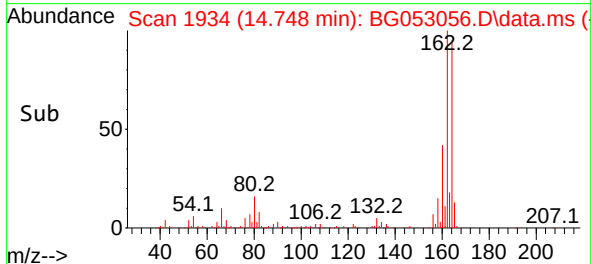
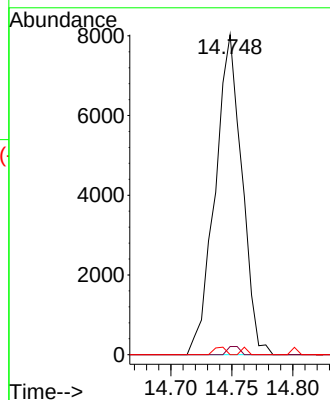
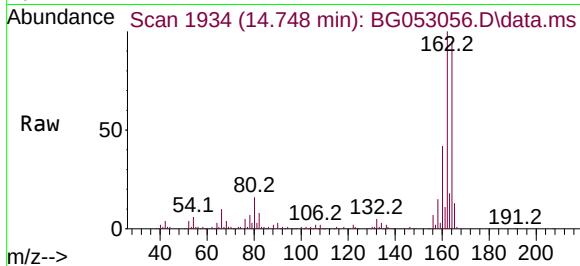




#51
2,6-Dinitrotoluene
Concen: 10.394 ng
RT: 14.748 min Scan# 1934
Delta R.T. 0.435 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

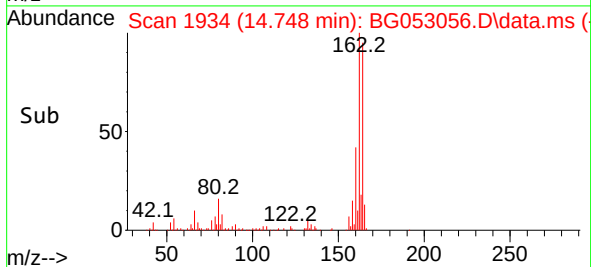
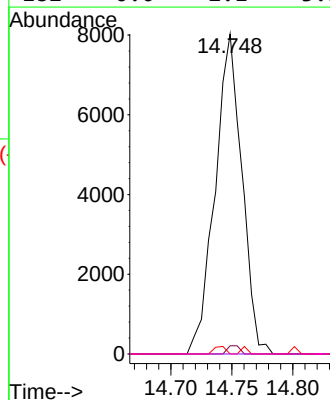
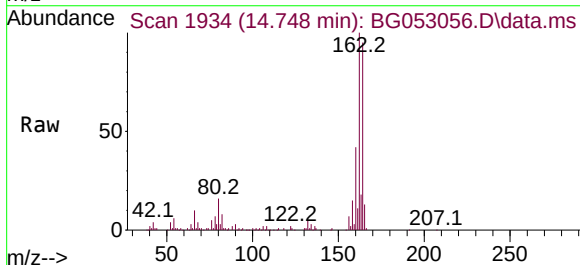
Instrument :
BNA_G
ClientSampleId :
LP-2

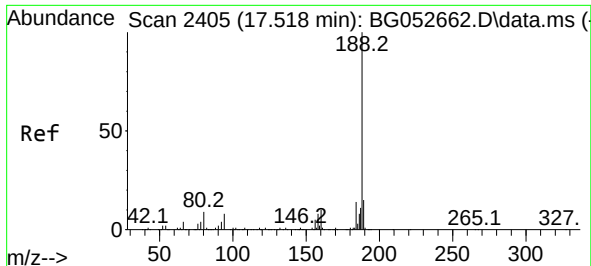
Tgt Ion:165 Resp: 12297
Ion Ratio Lower Upper
165 100
63 2.6 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.491 ng
RT: 14.748 min Scan# 1934
Delta R.T. -0.352 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Tgt Ion:165 Resp: 12297
Ion Ratio Lower Upper
165 100
63 2.6 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

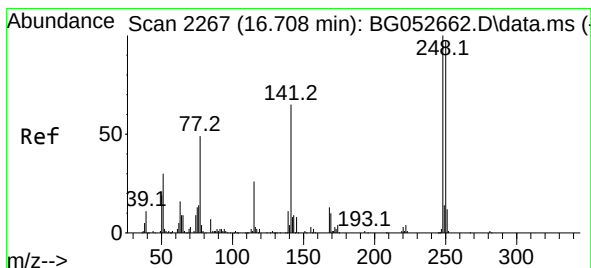
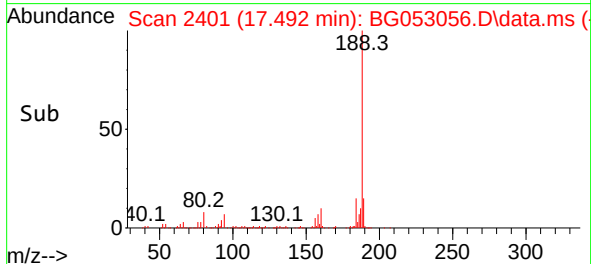
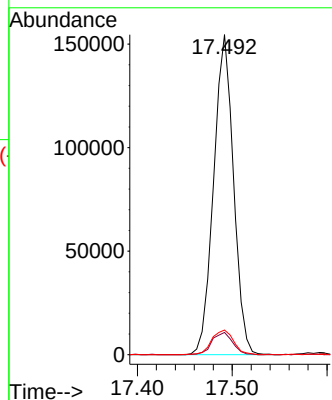
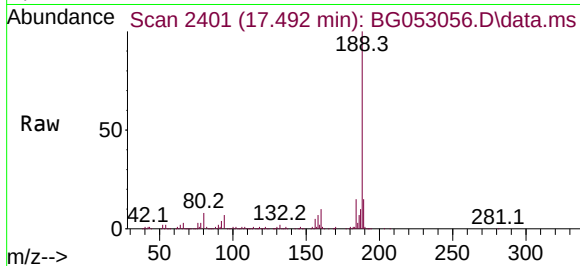




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

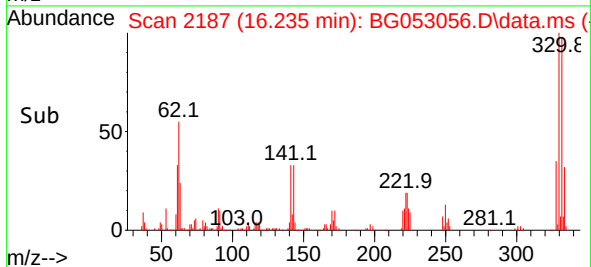
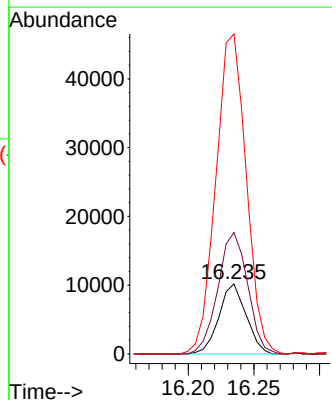
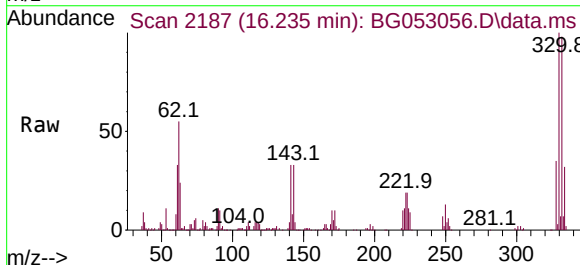
Instrument :
BNA_G
ClientSampleId :
LP-2

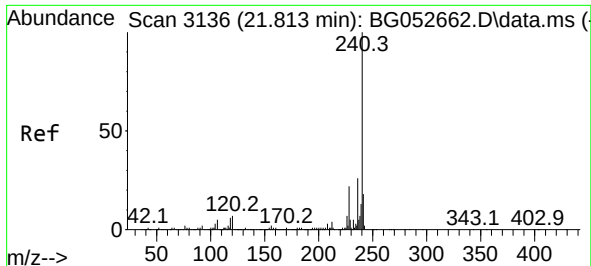
Tgt Ion:188 Resp: 224777
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.7 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.415 ng
RT: 16.235 min Scan# 2187
Delta R.T. -0.441 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Tgt Ion:248 Resp: 14674
Ion Ratio Lower Upper
248 100
250 173.3 77.9 116.9#
141 456.7 49.2 73.8#

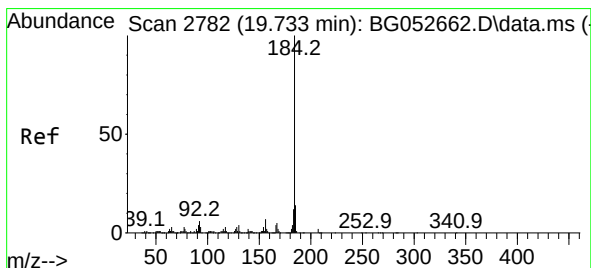
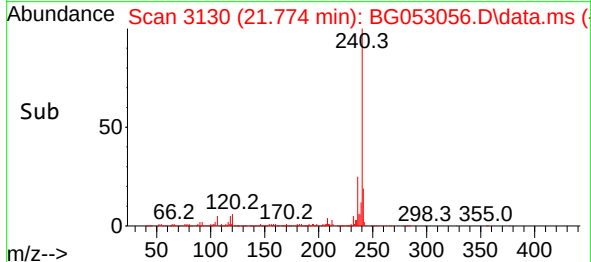
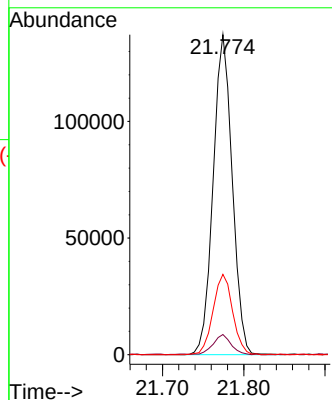
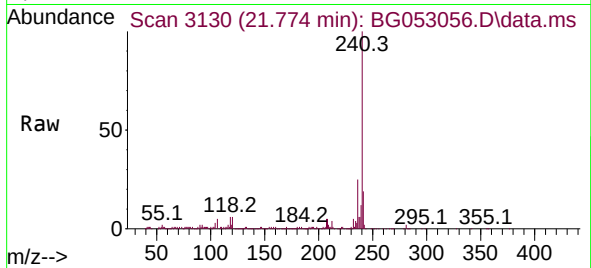




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

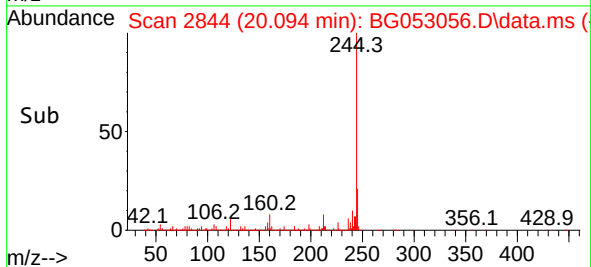
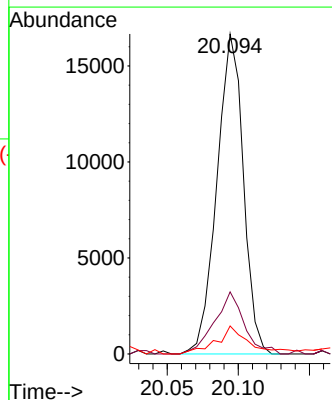
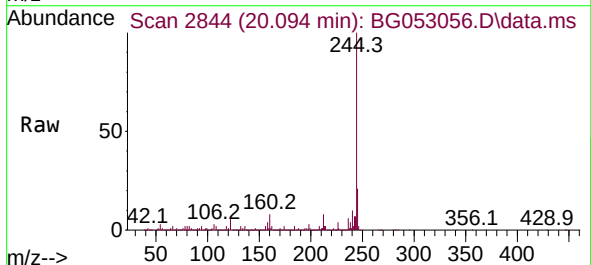
Instrument :
BNA_G
ClientSampleId :
LP-2

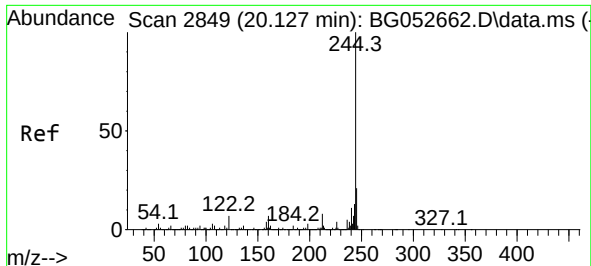
Tgt Ion:240 Resp: 223349
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.1 19.8 29.6



#77
Benzidine
Concen: 3.741 ng
RT: 20.094 min Scan# 2844
Delta R.T. 0.382 min
Lab File: BG053056.D
Acq: 6 Apr 2022 15:50

Tgt Ion:184 Resp: 21553
Ion Ratio Lower Upper
184 100
185 19.4 11.5 17.3#
183 8.7 9.4 14.2#

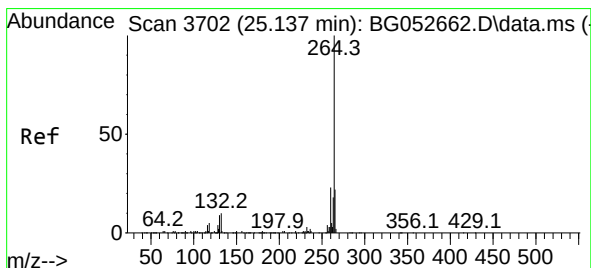
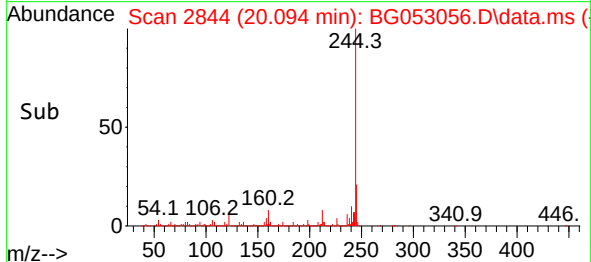
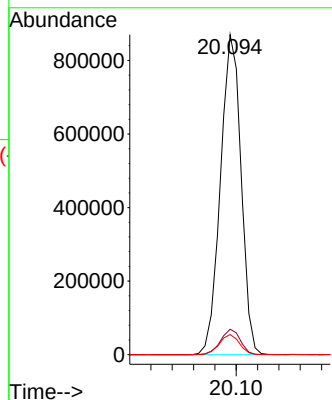
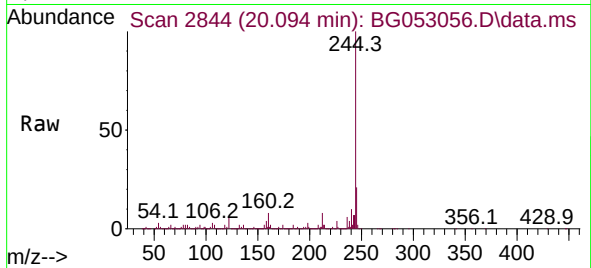




#79
 Terphenyl-d14
 Concen: 92.760 ng
 RT: 20.094 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053056.D
 Acq: 6 Apr 2022 15:50

Instrument :
 BNA_G
 ClientSampleId :
 LP-2

Tgt Ion:244 Resp: 1164673
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.082 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: BG053056.D
 Acq: 6 Apr 2022 15:50

Tgt Ion:264 Resp: 229922
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 23.9 15.1 22.7#

