

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053017.D
 Acq On : 4 Apr 2022 21:00
 Operator : CG/JU
 Sample : N2220-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A06135

Quant Time: Apr 05 01:07:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

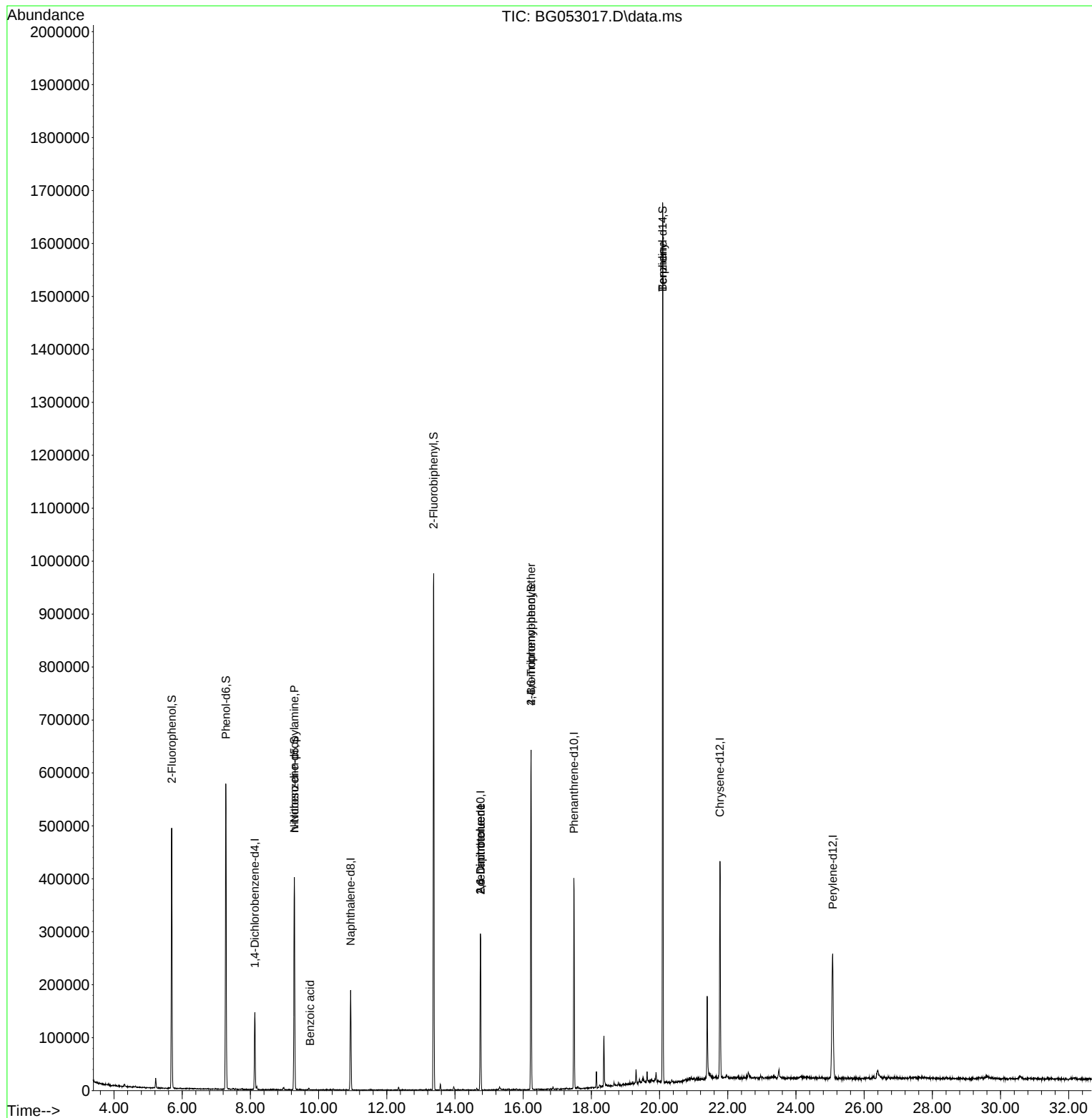
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	37902	20.000	ng	-0.02
21) Naphthalene-d8	10.937	136	153336	20.000	ng	#-0.02
39) Acenaphthene-d10	14.750	164	107508	20.000	ng	-0.02
64) Phenanthrene-d10	17.487	188	251210	20.000	ng	-0.02
76) Chrysene-d12	21.769	240	263961	20.000	ng	-0.03
86) Perylene-d12	25.077	264	274298	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	194390	89.318	ng	0.00
7) Phenol-d6	7.277	99	310962	94.773	ng	-0.01
23) Nitrobenzene-d5	9.286	82	249896	81.796	ng	-0.02
42) 2,4,6-Tribromophenol	16.230	330	126045	87.251	ng	-0.02
45) 2-Fluorobiphenyl	13.375	172	511850	70.218	ng	-0.02
79) Terphenyl-d14	20.089	244	853178	57.496	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.260	77	359	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.286	70	36272	15.608	ng	# 74
32) Benzoic acid	9.750	122	66	5.709	ng	# 1
51) 2,6-Dinitrotoluene	14.750	165	14097	10.450	ng	# 25
57) 2,4-Dinitrotoluene	14.750	165	14097	7.531	ng	# 24
67) 4-Bromophenyl-phenylether	16.230	248	8248	2.723	ng	# 1
77) Benzydine	20.089	184	15623	2.295	ng	# 92

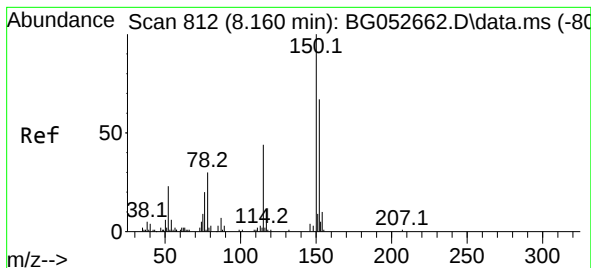
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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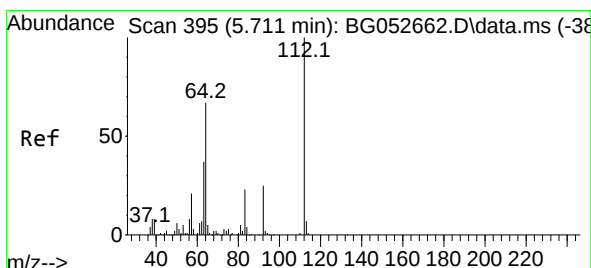
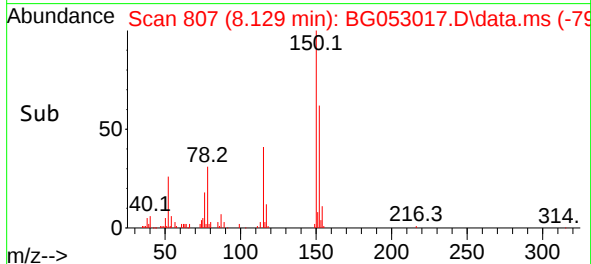
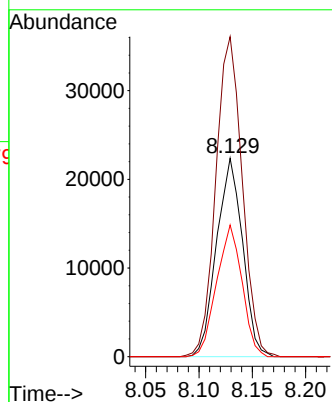
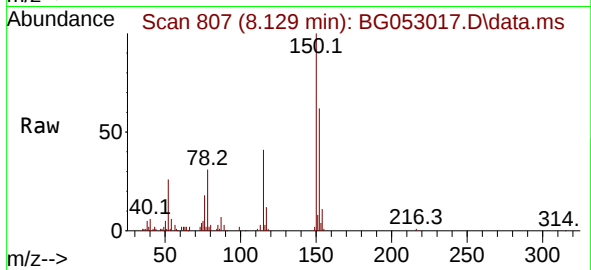




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

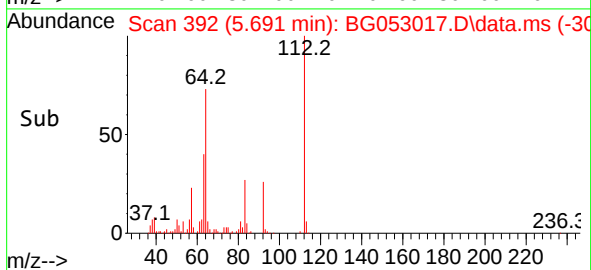
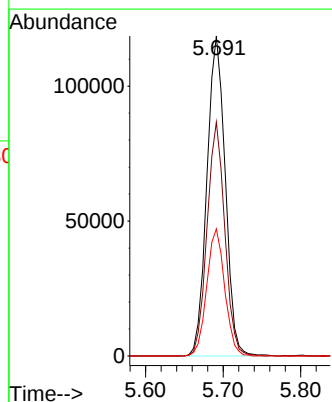
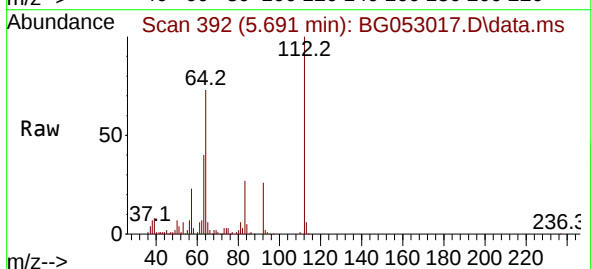
Instrument :
BNA_G
ClientSampleId :
A06135

Tgt Ion:152 Resp: 37902
Ion Ratio Lower Upper
152 100
150 161.3 114.6 172.0
115 66.4 45.9 68.9



#5
2-Fluorophenol
Concen: 89.318 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

Tgt Ion:112 Resp: 194390
Ion Ratio Lower Upper
112 100
64 73.1 48.0 72.0#
63 39.7 26.5 39.7

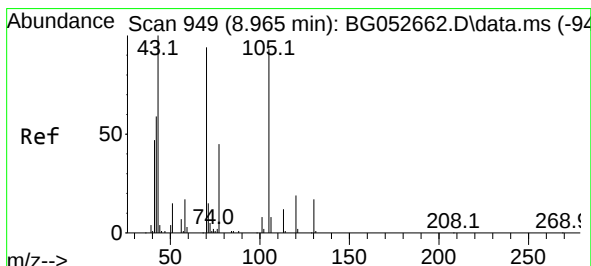
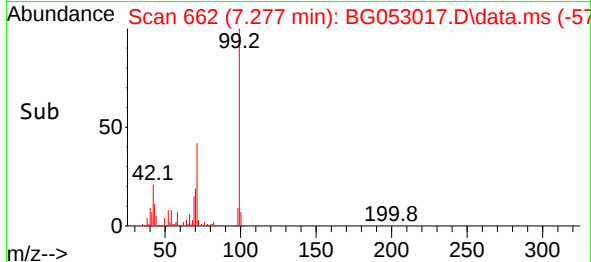
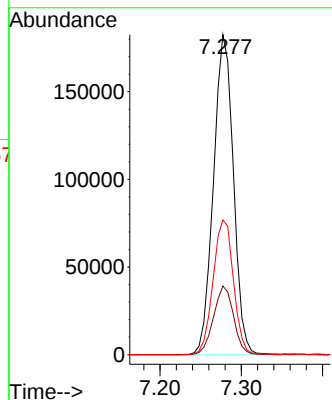
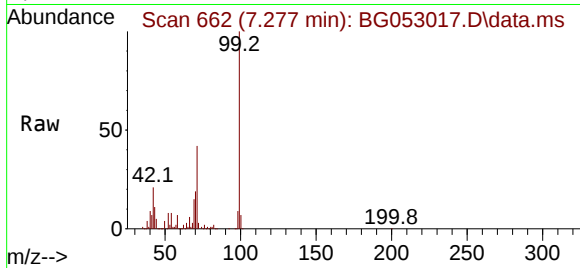




#7
Phenol-d6
Concen: 94.773 ng
RT: 7.277 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

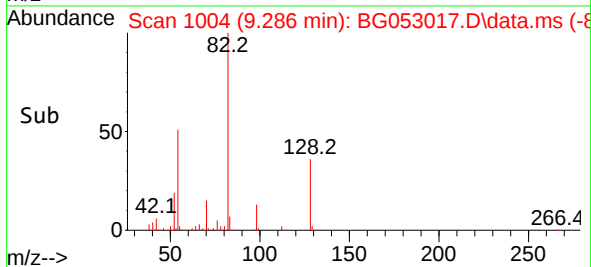
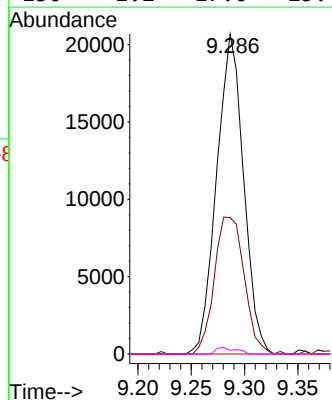
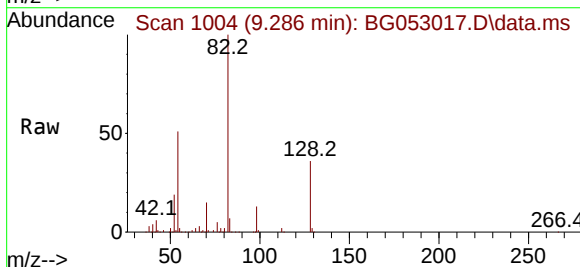
Instrument :
BNA_G
ClientSampleId :
A06135

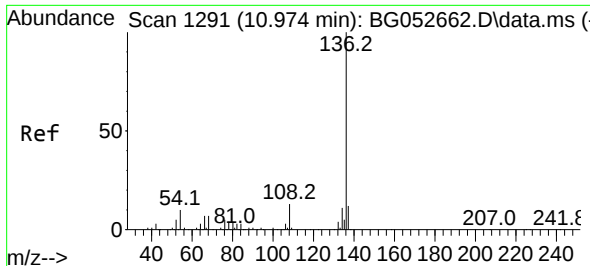
Tgt Ion: 99 Resp: 310962
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 42.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.608 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.341 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

Tgt Ion: 70 Resp: 36272
Ion Ratio Lower Upper
70 100
42 42.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#

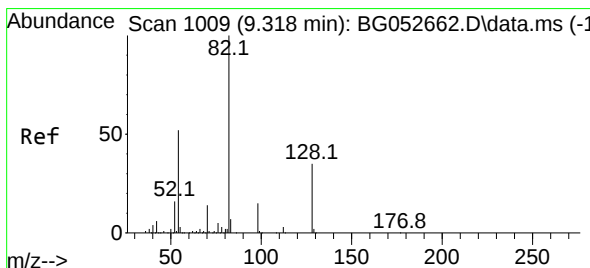
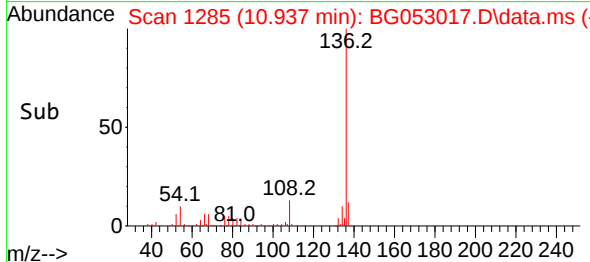
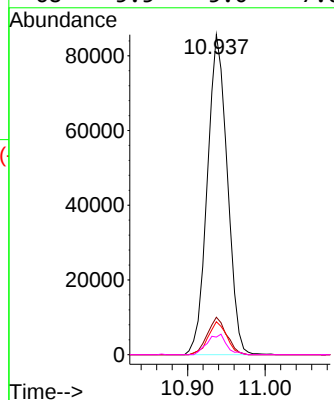
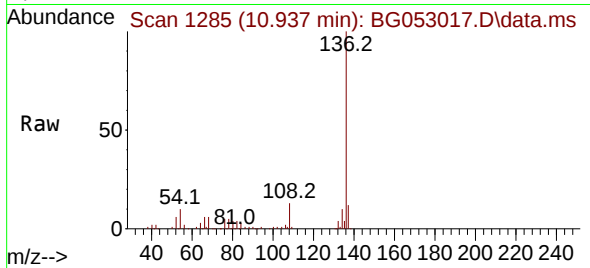




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

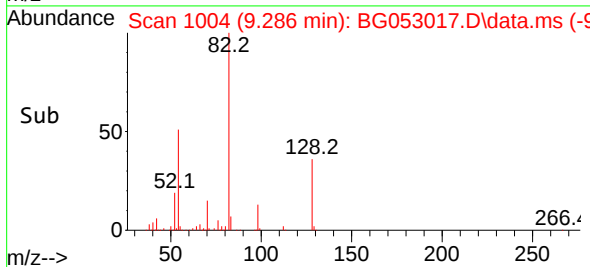
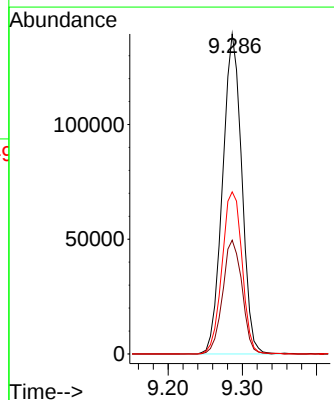
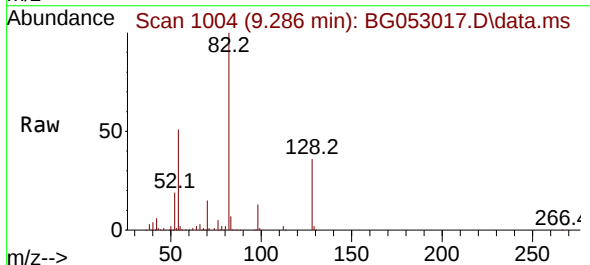
Instrument :
BNA_G
ClientSampleId :
A06135

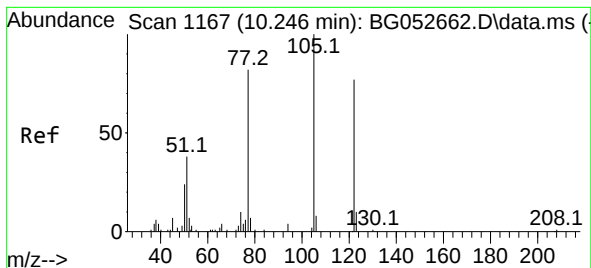
Tgt Ion:136 Resp: 153336
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 10.3 6.4 9.6#
68 5.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 81.796 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.017 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

Tgt Ion: 82 Resp: 249896
Ion Ratio Lower Upper
82 100
128 35.6 31.3 46.9
54 50.6 37.8 56.8





#32

Benzoic acid

Concen: 5.709 ng

RT: 9.750 min Scan# 1083

Delta R.T. -0.487 min

Lab File: BG053017.D

Acq: 4 Apr 2022 21:00

Instrument :

BNA_G

ClientSampleId :

A06135

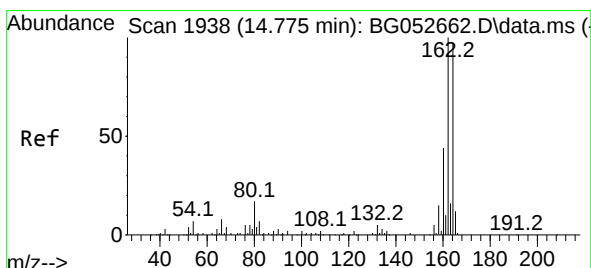
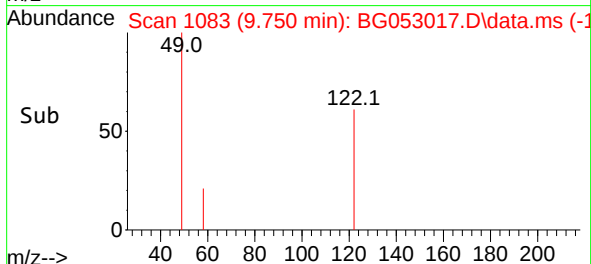
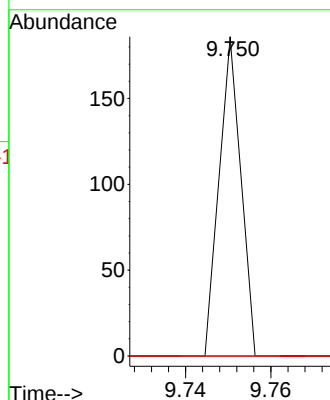
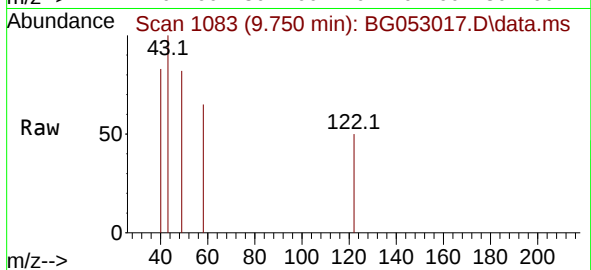
Tgt Ion:122 Resp: 66

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.750 min Scan# 1934

Delta R.T. -0.017 min

Lab File: BG053017.D

Acq: 4 Apr 2022 21:00

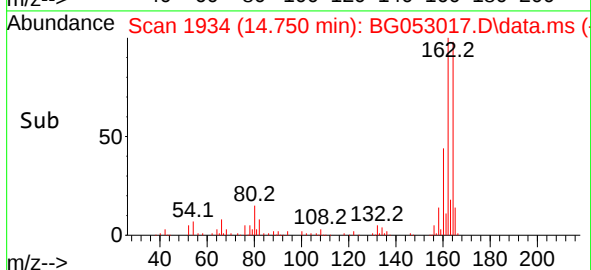
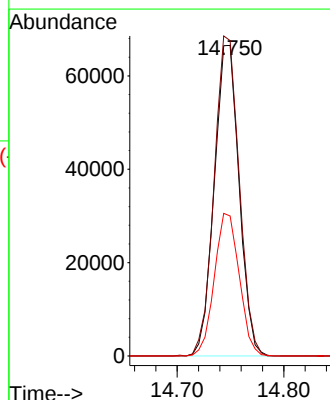
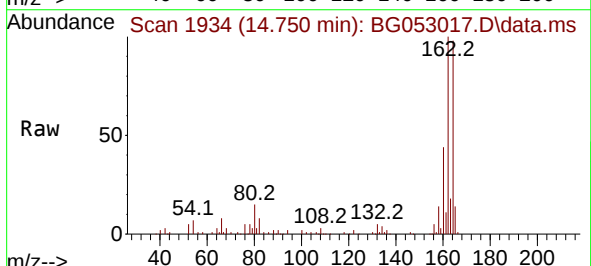
Tgt Ion:164 Resp: 107508

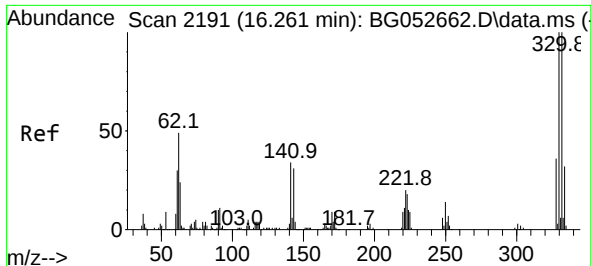
Ion Ratio Lower Upper

164 100

162 101.6 80.0 120.0

160 45.1 38.8 58.2

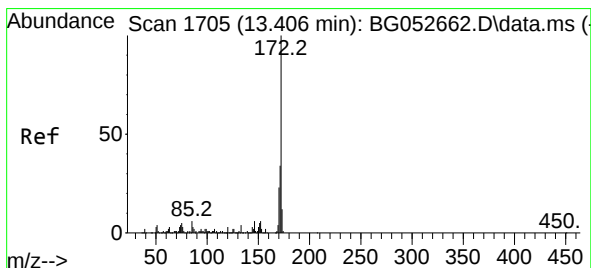
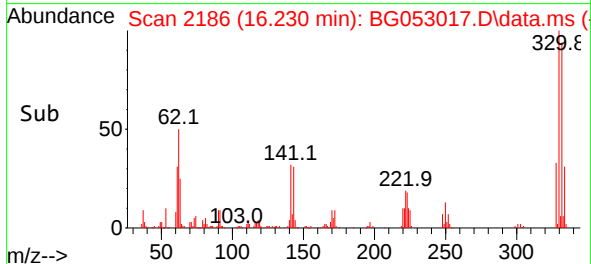
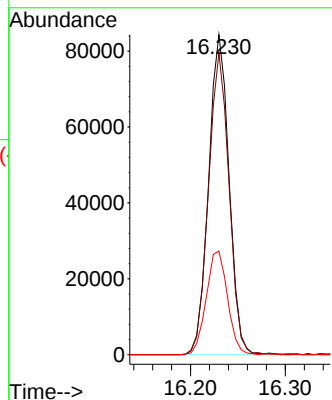
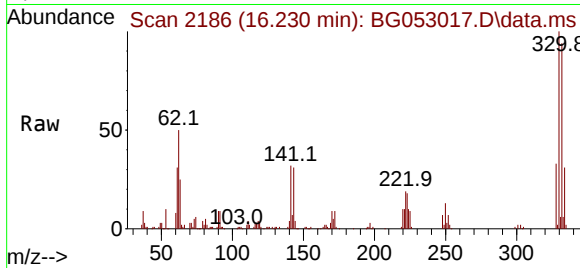




#42
2,4,6-Tribromophenol
Concen: 87.251 ng
RT: 16.230 min Scan# 2191
Delta R.T. -0.017 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

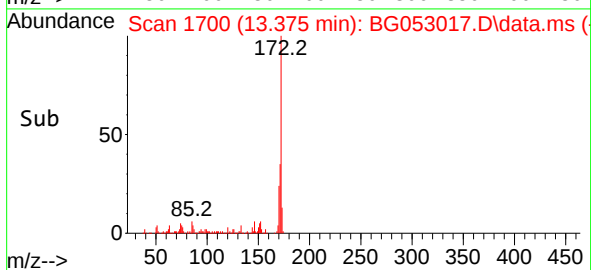
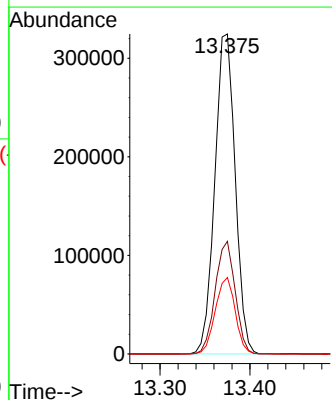
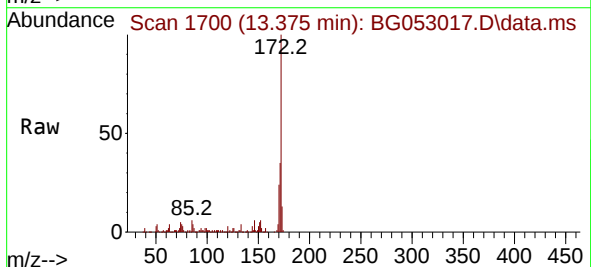
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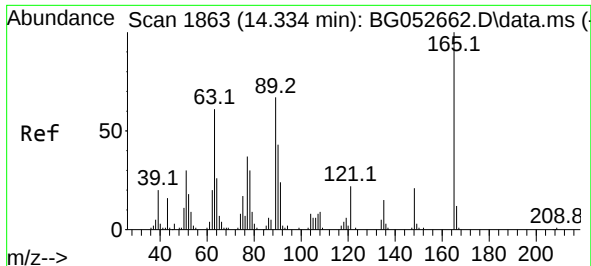
Tgt Ion:330 Resp: 126045
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 70.218 ng
RT: 13.375 min Scan# 1700
Delta R.T. -0.017 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

Tgt Ion:172 Resp: 511850
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.9 18.0 27.0

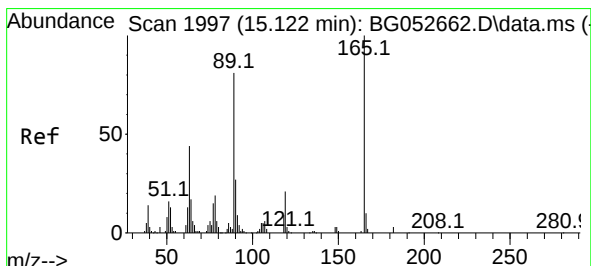
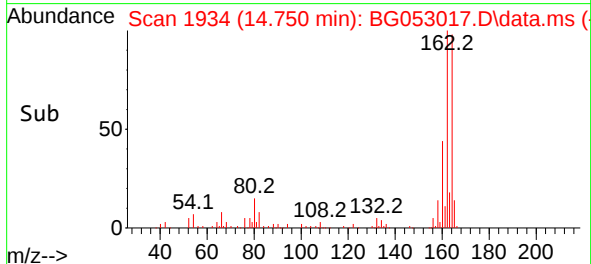
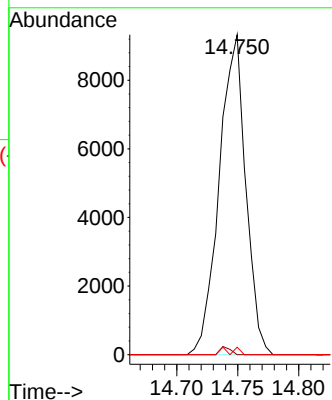
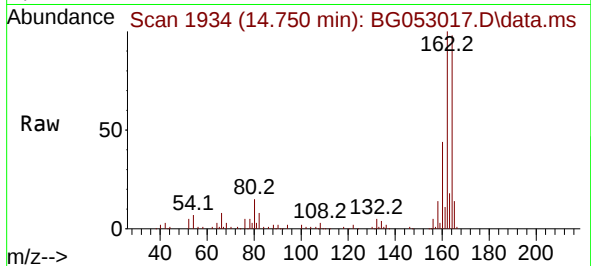




#51
2,6-Dinitrotoluene
Concen: 10.450 ng
RT: 14.750 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

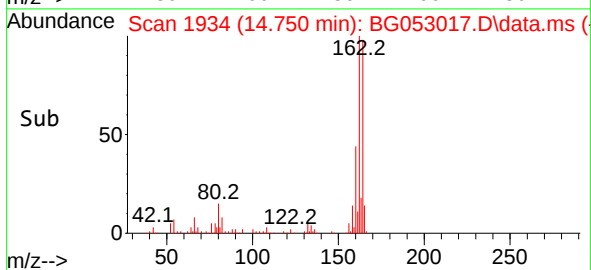
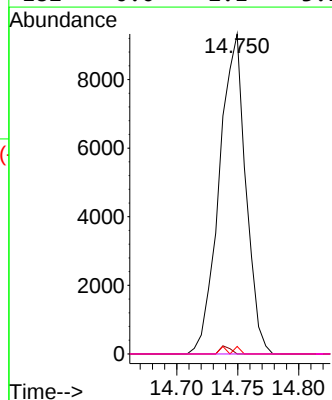
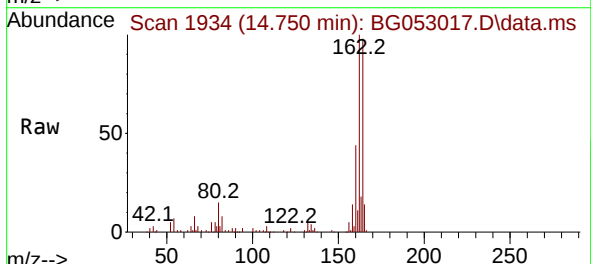
Instrument :
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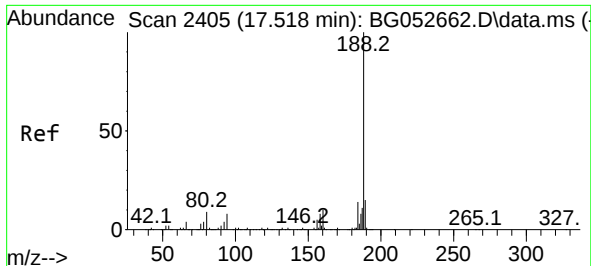
Tgt Ion:165 Resp: 14097
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.3 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.531 ng
RT: 14.750 min Scan# 1934
Delta R.T. -0.364 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

Tgt Ion:165 Resp: 14097
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.3 57.4 86.0#
182 0.0 2.1 3.1#

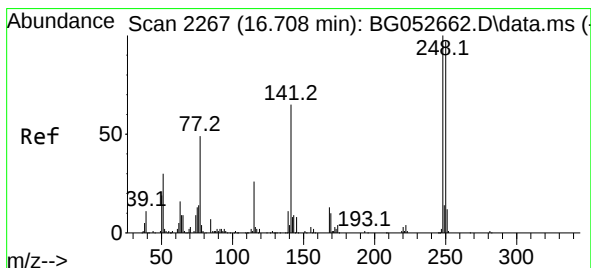
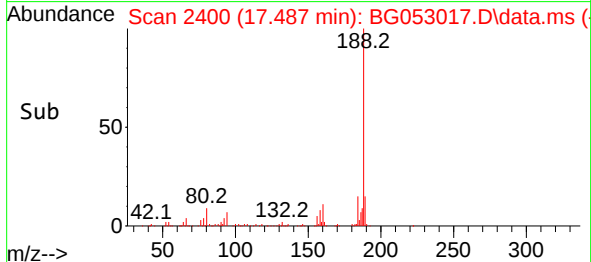
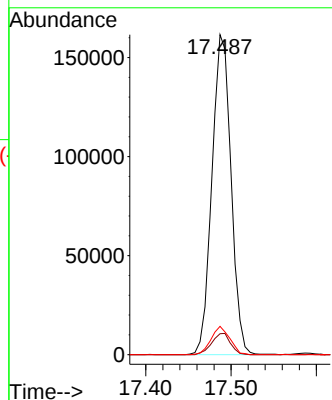
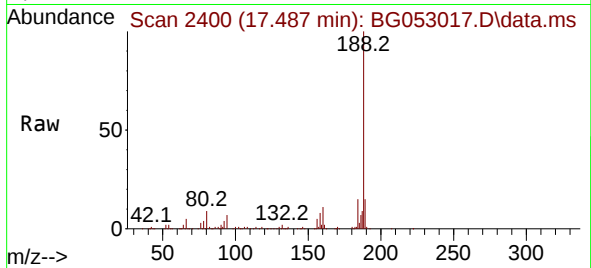




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 24
Delta R.T. -0.017 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

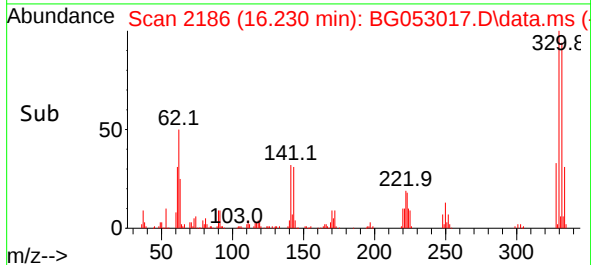
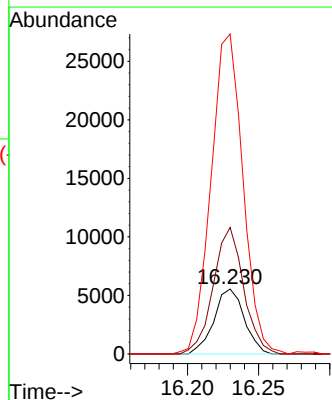
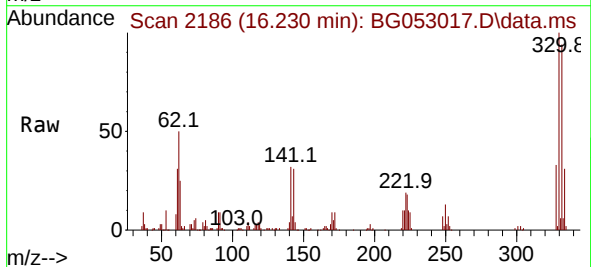
Instrument :
BNA_G
ClientSampleId :
A06135

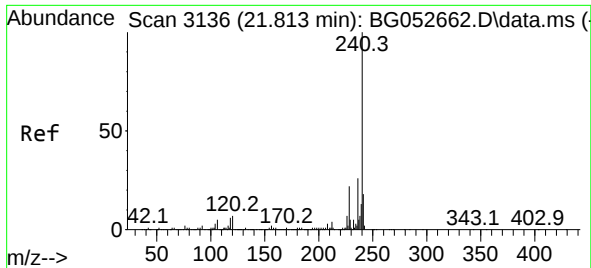
Tgt Ion:188 Resp: 251210
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.8 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.723 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.463 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

Tgt Ion:248 Resp: 8248
Ion Ratio Lower Upper
248 100
250 194.8 77.9 116.9#
141 492.4 49.2 73.8#

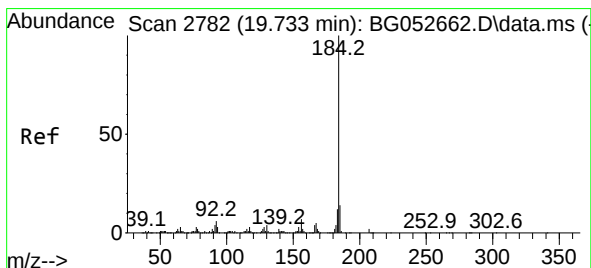
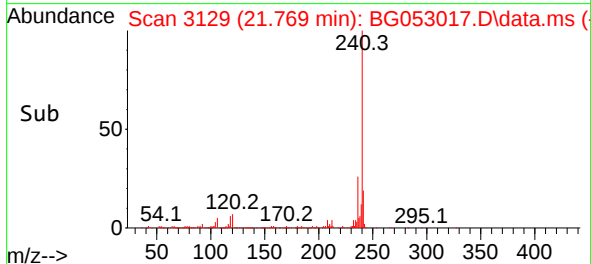
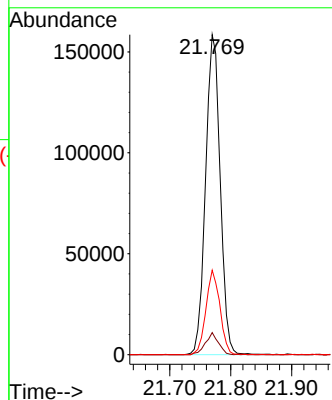
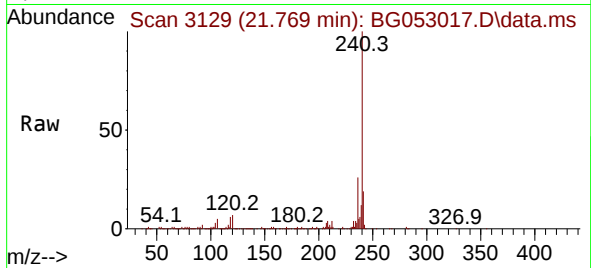




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

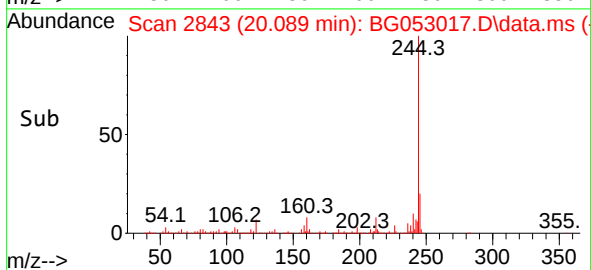
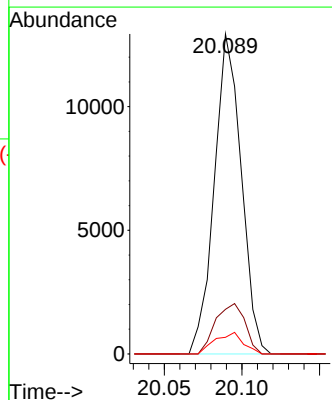
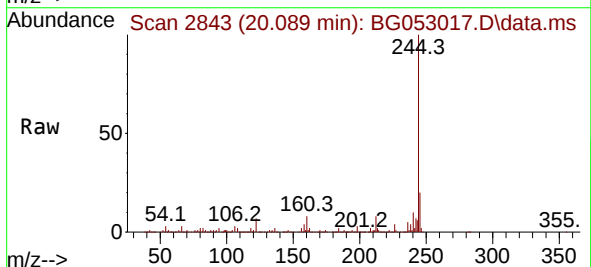
Instrument :
BNA_G
ClientSampleId :
A06135

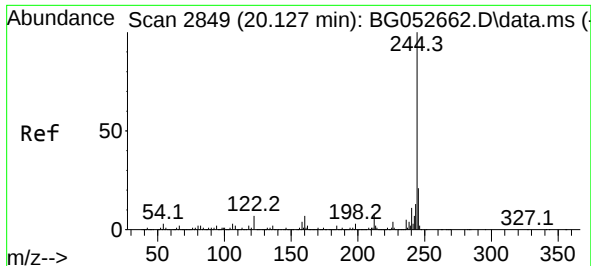
Tgt Ion:240 Resp: 263961
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 26.4 19.8 29.6



#77
Benzidine
Concen: 2.295 ng
RT: 20.089 min Scan# 2843
Delta R.T. 0.365 min
Lab File: BG053017.D
Acq: 4 Apr 2022 21:00

Tgt Ion:184 Resp: 15623
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 5.2 9.4 14.2#

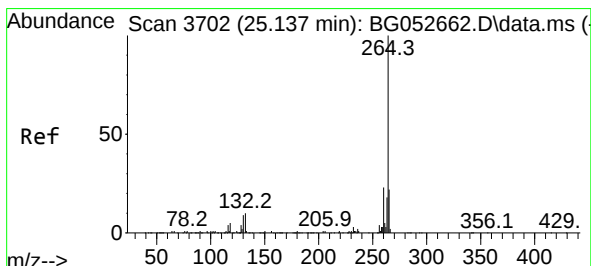
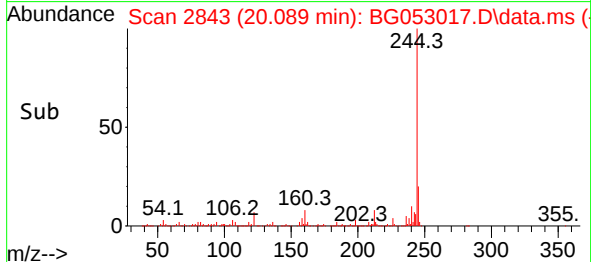
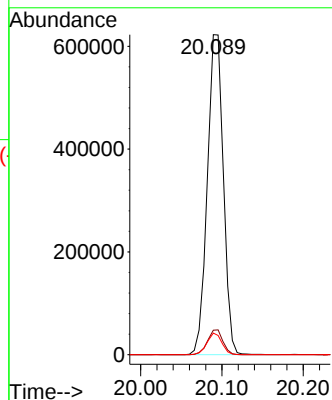
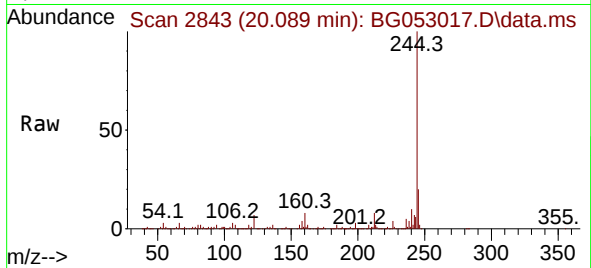




#79
 Terphenyl-d14
 Concen: 57.496 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BG053017.D
 Acq: 4 Apr 2022 21:00

Instrument :
 BNA_G
 ClientSampleId :
 A06135

Tgt Ion:244 Resp: 853178
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.077 min Scan# 3692
 Delta R.T. -0.035 min
 Lab File: BG053017.D
 Acq: 4 Apr 2022 21:00

Tgt Ion:264 Resp: 274298
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 21.8 15.1 22.7

