

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053329.D
 Acq On : 26 Apr 2022 20:48
 Operator : CG/JU
 Sample : N2481-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Quant Time: Apr 27 03:38:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	25957	20.000	ng	-0.01
21) Naphthalene-d8	10.915	136	101026	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	74273	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	190881	20.000	ng	0.00
76) Chrysene-d12	21.753	240	216973	20.000	ng	-0.01
86) Perylene-d12	25.049	264	217565	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	130829	86.399	ng	0.00
7) Phenol-d6	7.267	99	138238	59.199	ng	0.00
23) Nitrobenzene-d5	9.270	82	203979	81.981	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	159765	135.205	ng	-0.01
45) 2-Fluorobiphenyl	13.353	172	455722	84.606	ng	0.00
79) Terphenyl-d14	20.079	244	1048575	81.620	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.270	70	29165	17.060	ng	# 75
32) Benzoic acid	10.310	122	54	3.682	ng	# 1
35) Caprolactam	11.825	113	1920	2.990	ng	# 83
48) 2-Nitroaniline	13.570	65	4567	2.820	ng	# 15
51) 2,6-Dinitrotoluene	14.727	165	10034	8.096	ng	# 25
57) 2,4-Dinitrotoluene	14.727	165	10034	5.687	ng	# 24
60) Diethylphthalate	15.532	149	18525	2.976	ng	99
67) 4-Bromophenyl-phenylether	16.220	248	10042	4.106	ng	# 1
77) Benzidine	20.079	184	17507	2.828	ng	# 90

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

BNA G

ClientSampleId :

MW-30

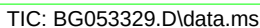
Quant Time: Apr 27 03:38:28 2022

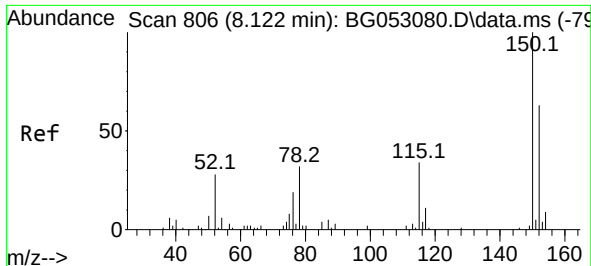
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Apr 24 01:13:30 2022

Response via : Initial Calibration

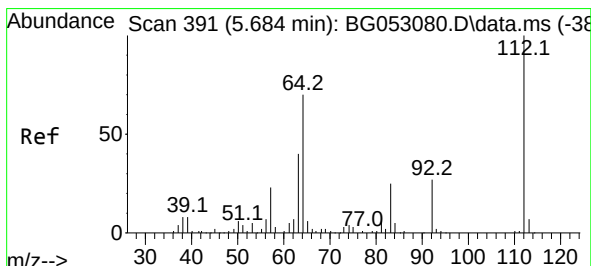
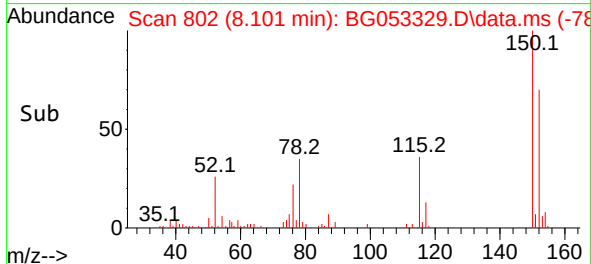
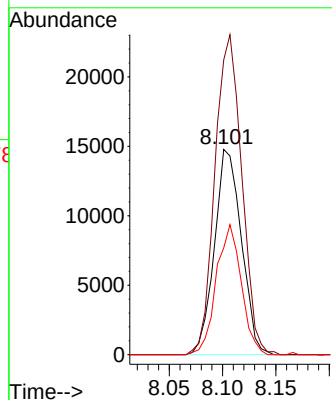
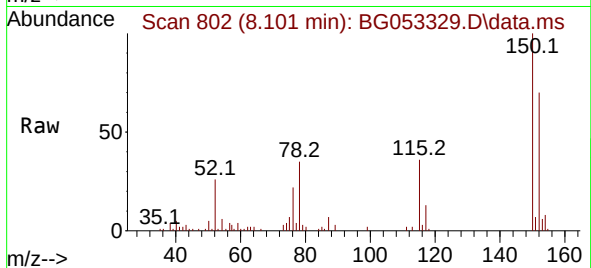




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.012 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

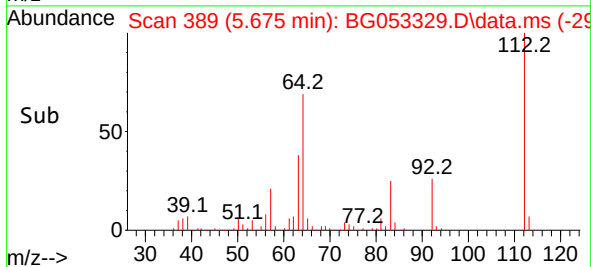
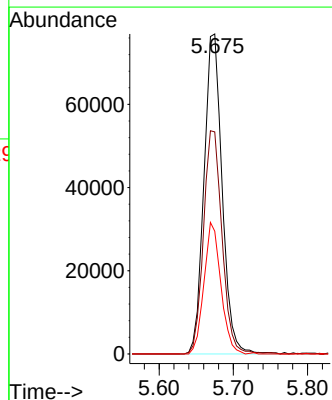
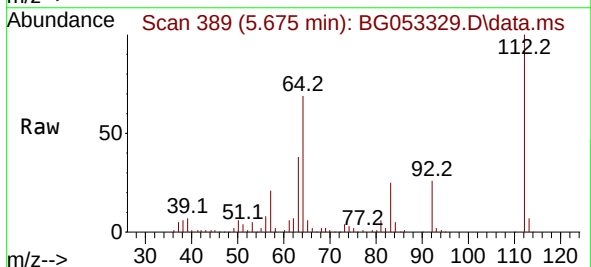
Instrument :
BNA_G
ClientSampleId :
MW-30

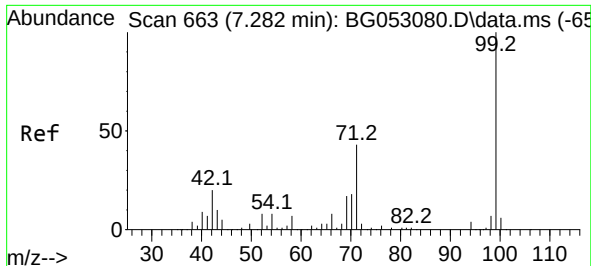
Tgt Ion:152 Resp: 25957
Ion Ratio Lower Upper
152 100
150 143.5 114.6 172.0
115 52.0 45.9 68.9



#5
2-Fluorophenol
Concen: 86.399 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion:112 Resp: 130829
Ion Ratio Lower Upper
112 100
64 69.4 48.0 72.0
63 38.4 26.5 39.7

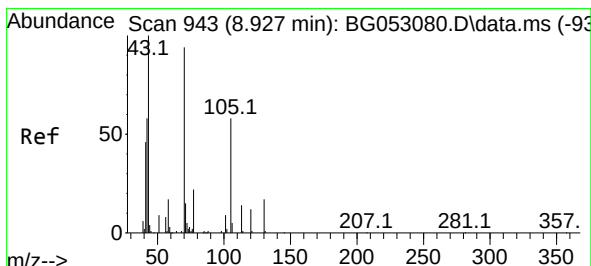
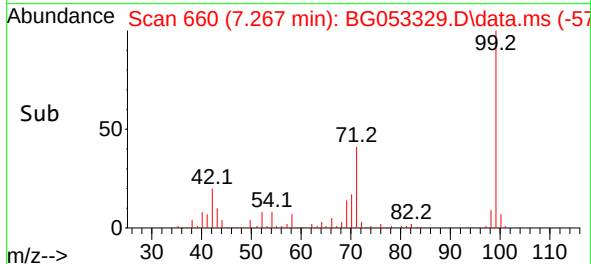
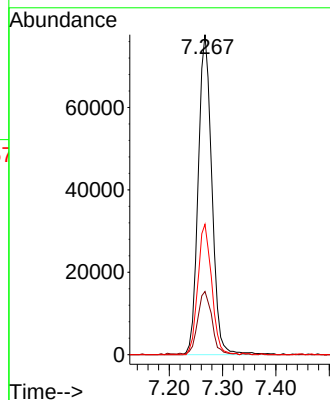
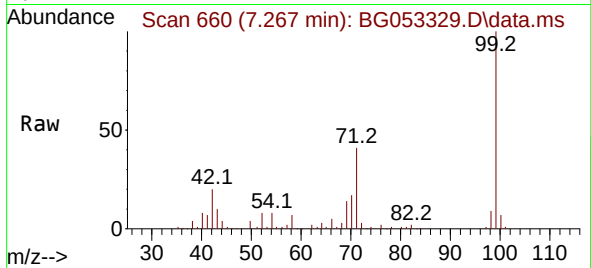




#7
Phenol-d6
Concen: 59.199 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

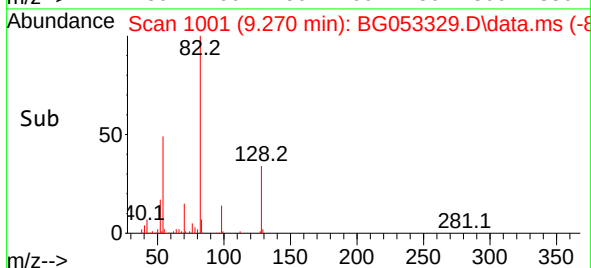
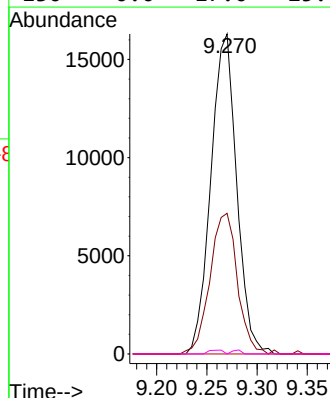
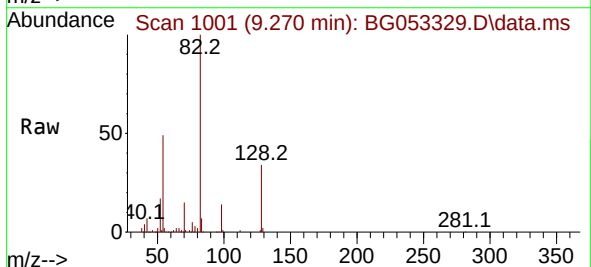
Instrument :
BNA_G
ClientSampleId :
MW-30

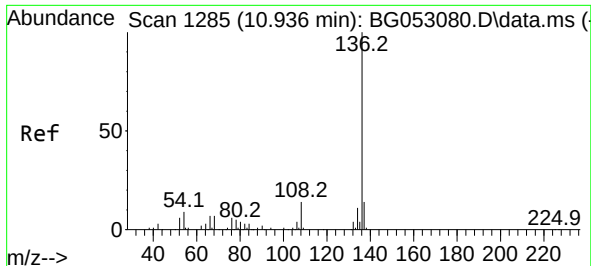
Tgt Ion: 99 Resp: 138238
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 40.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.060 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.358 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion: 70 Resp: 29165
Ion Ratio Lower Upper
70 100
42 44.0 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#



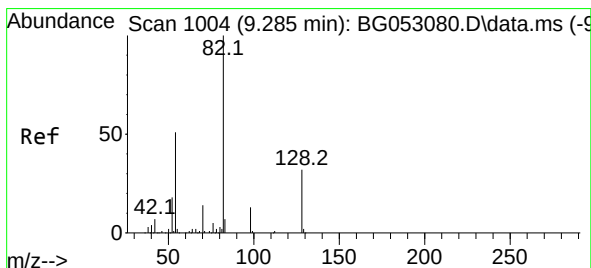
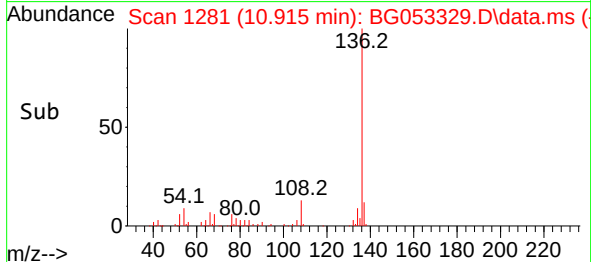
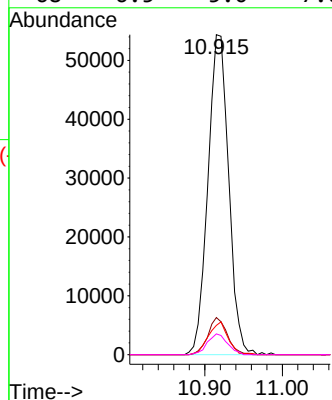
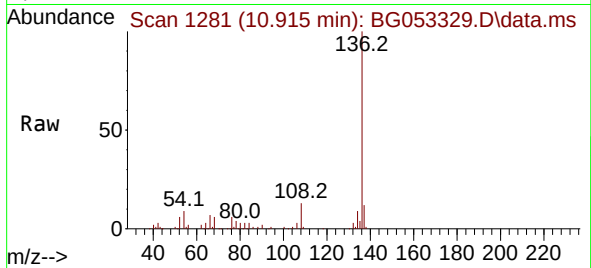


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 101
Delta R.T. -0.006 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Instrument :
BNA_G
ClientSampleId :
MW-30

Tgt Ion:136 Resp: 101026

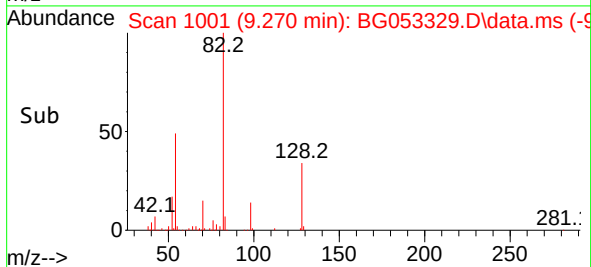
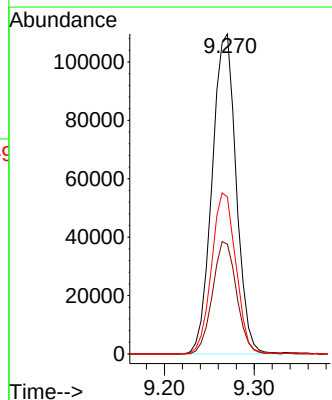
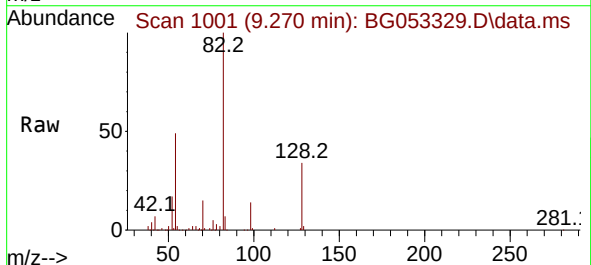
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.1	6.4	9.6
68	6.5	5.0	7.6

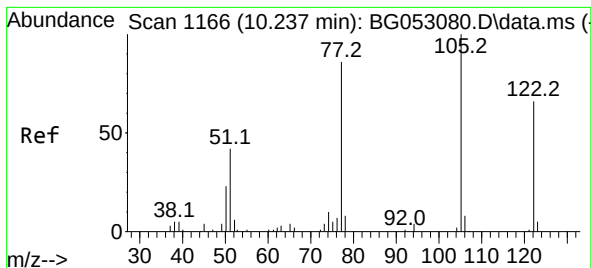


#23
Nitrobenzene-d5
Concen: 81.981 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion: 82 Resp: 203979

Ion	Ratio	Lower	Upper
82	100		
128	34.3	31.3	46.9
54	49.1	37.8	56.8





#32

Benzoic acid

Concen: 3.682 ng

RT: 10.310 min Scan# 1166

Delta R.T. 0.076 min

Lab File: BG053329.D

Acq: 26 Apr 2022 20:48

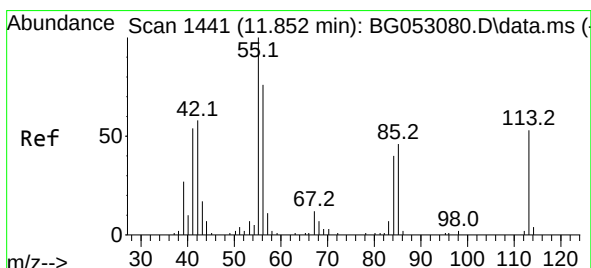
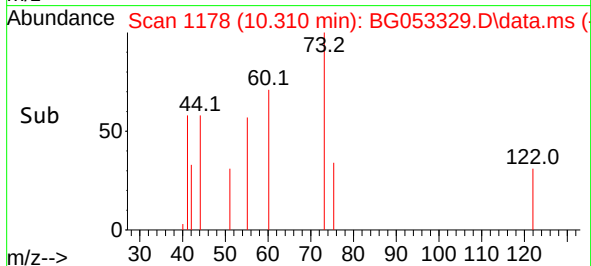
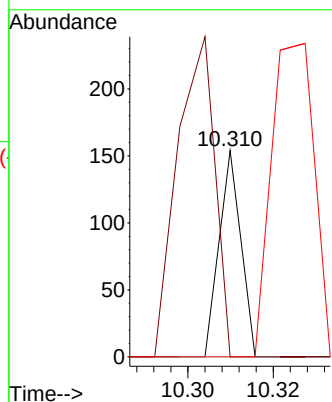
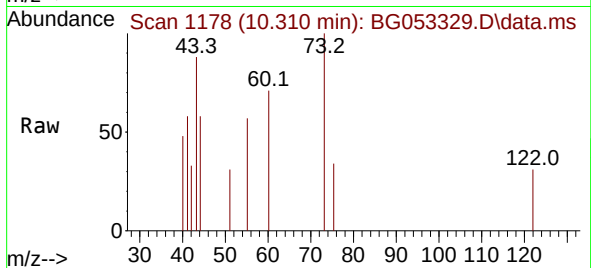
Instrument :

BNA_G

ClientSampleId :

MW-30

Tgt Ion:122	Resp:	54
Ion	Ratio	Lower Upper
122	100	
105	0.0	112.8 152.8#
77	0.0	78.4 118.4#



#35

Caprolactam

Concen: 2.990 ng

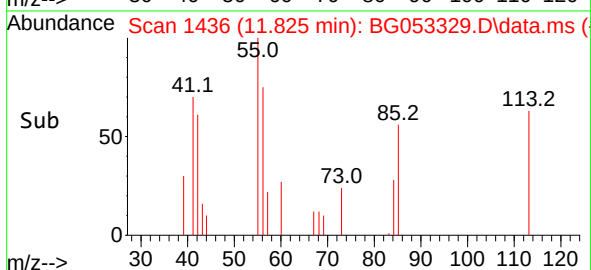
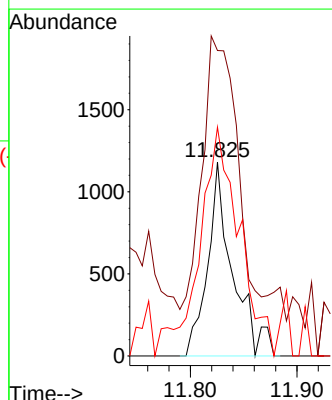
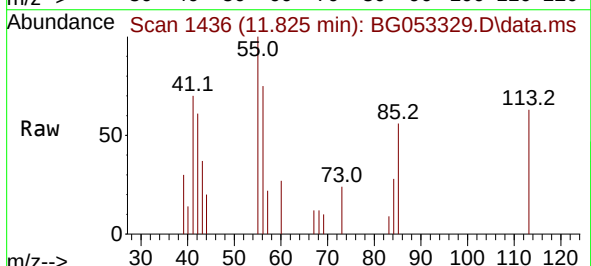
RT: 11.825 min Scan# 1436

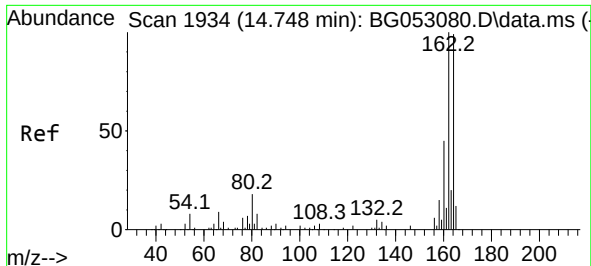
Delta R.T. -0.024 min

Lab File: BG053329.D

Acq: 26 Apr 2022 20:48

Tgt Ion:113	Resp:	1920
Ion	Ratio	Lower Upper
113	100	
55	157.5	151.3 191.3
56	118.0	128.5 168.5#

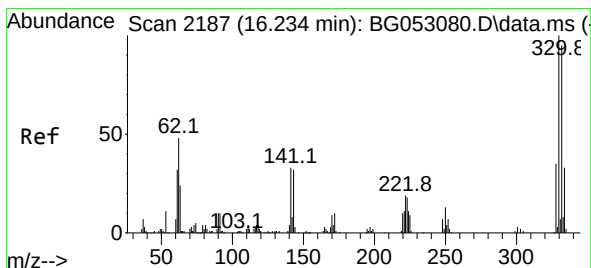
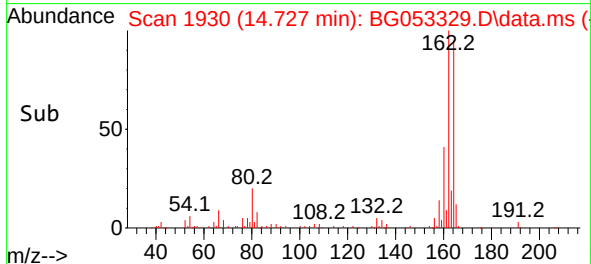
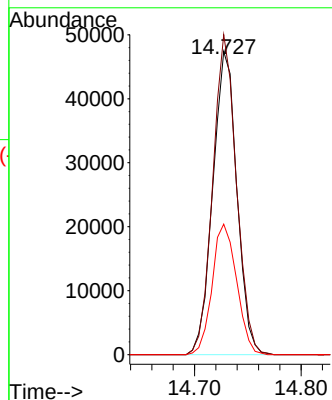
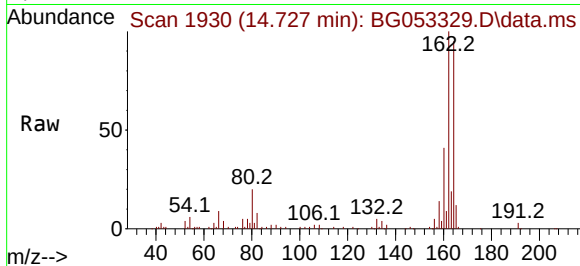




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

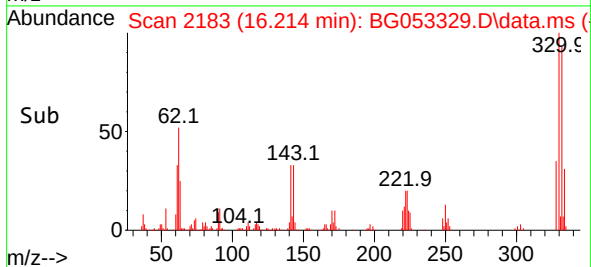
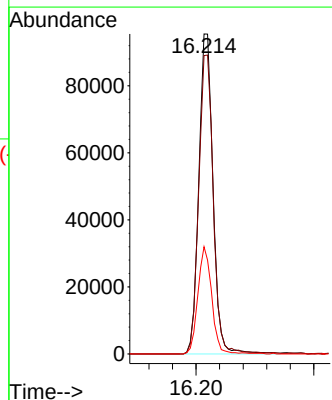
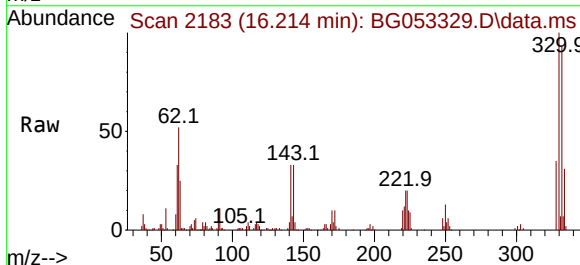
Instrument :
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MW-30

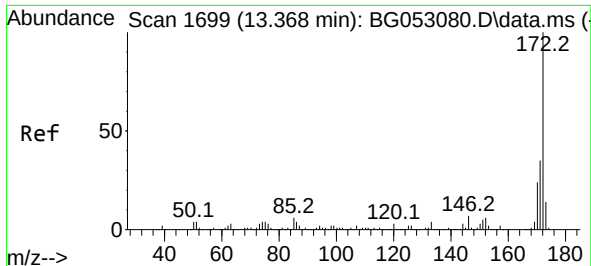
Tgt Ion:164 Resp: 74273
Ion Ratio Lower Upper
164 100
162 105.6 80.0 120.0
160 43.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 135.205 ng
RT: 16.214 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion:330 Resp: 159765
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 32.7 24.6 36.8

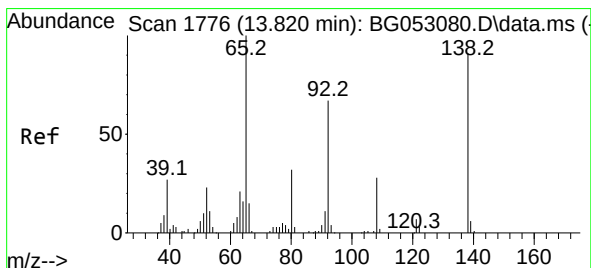
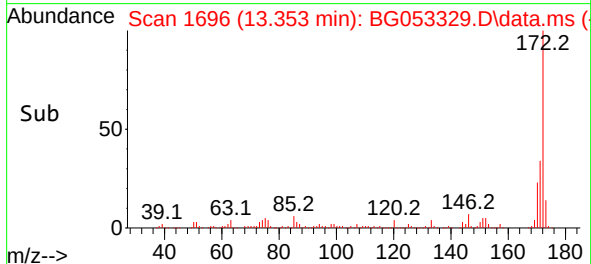
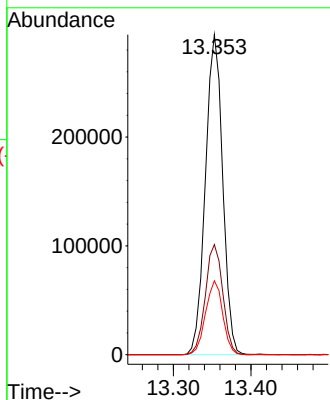
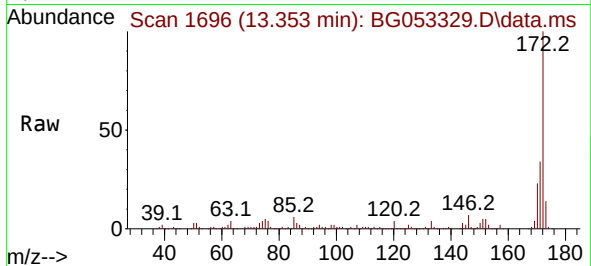




#45
2-Fluorobiphenyl
Concen: 84.606 ng
RT: 13.353 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

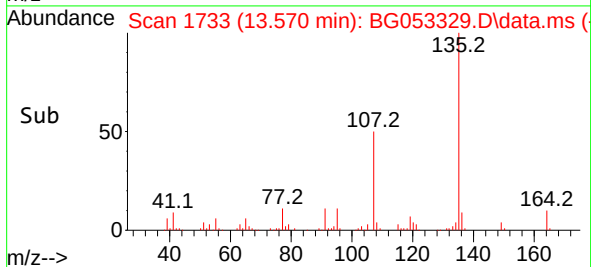
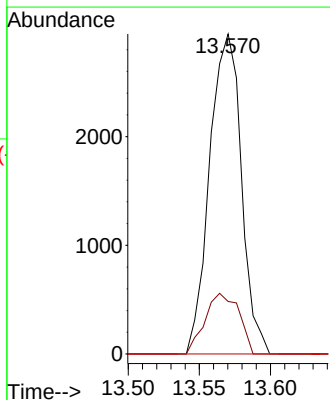
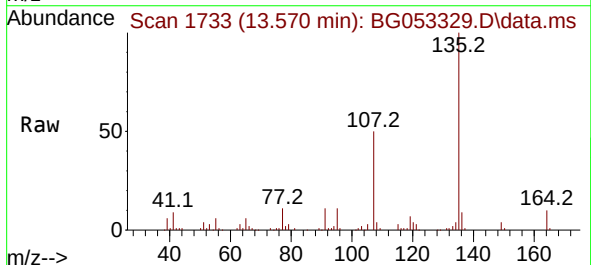
Instrument :
BNA_G
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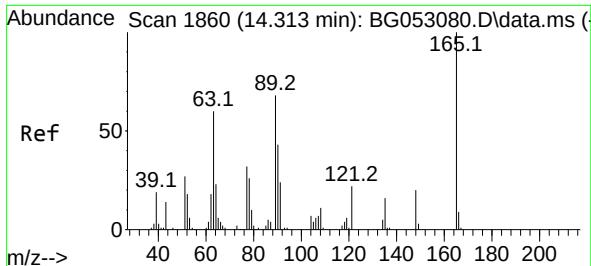
Tgt Ion:172 Resp: 455722
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.1 18.0 27.0



#48
2-Nitroaniline
Concen: 2.820 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.242 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion: 65 Resp: 4567
Ion Ratio Lower Upper
65 100
92 16.4 52.1 78.1#
138 0.0 80.1 120.1#

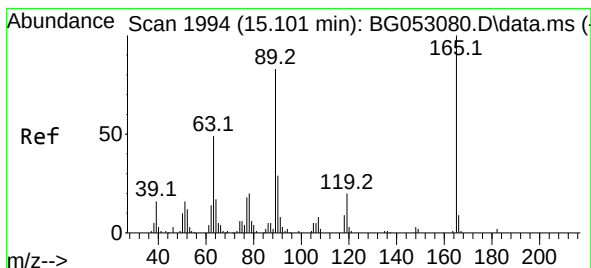
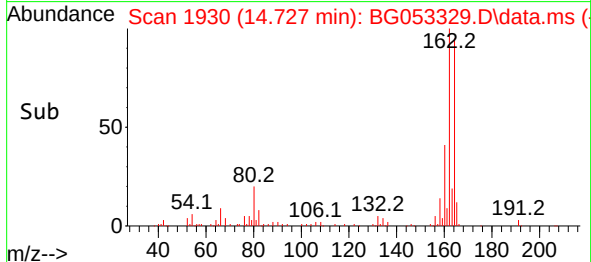
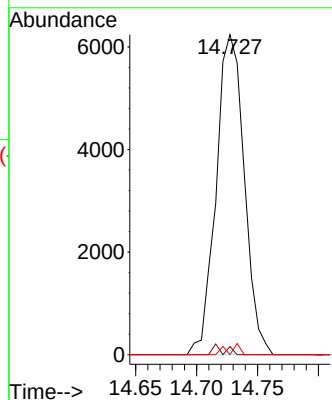
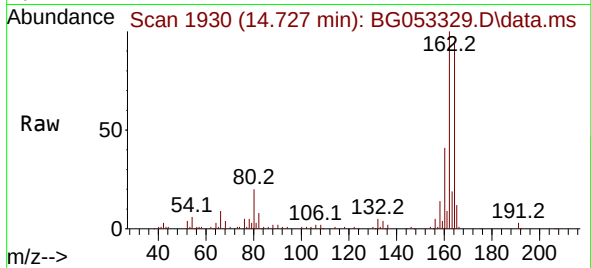




#51
2,6-Dinitrotoluene
Concen: 8.096 ng
RT: 14.727 min Scan# 1930
Delta R.T. 0.422 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

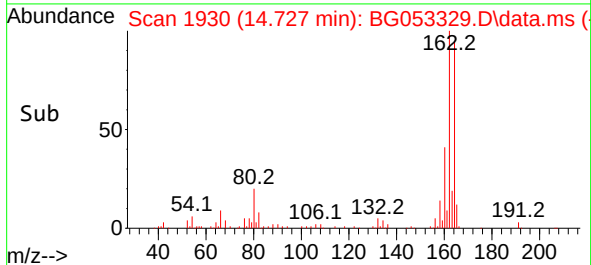
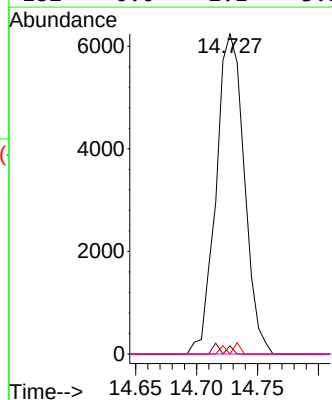
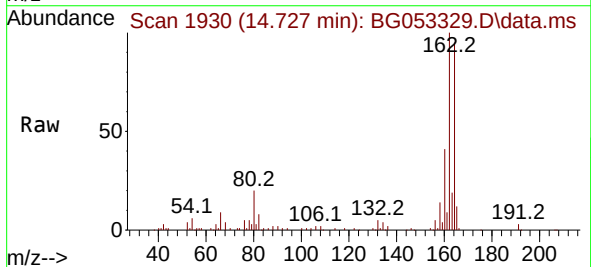
Instrument :
BNA_G
ClientSampleId :
MW-30

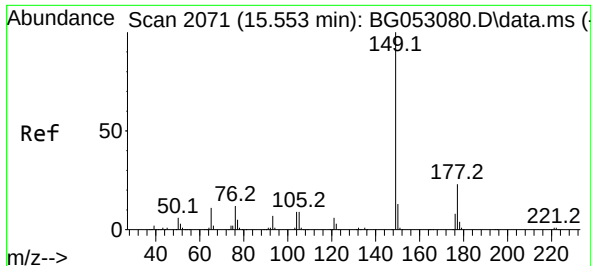
Tgt Ion:165 Resp: 10034
Ion Ratio Lower Upper
165 100
63 2.6 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.687 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.365 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion:165 Resp: 10034
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#

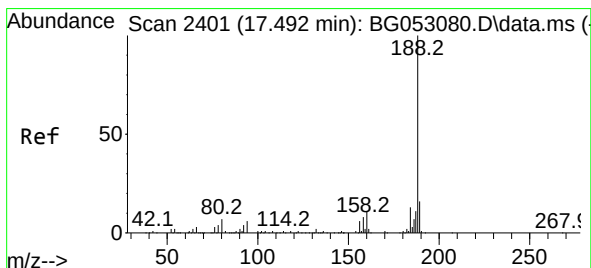
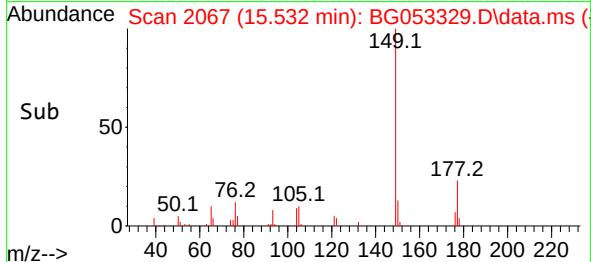
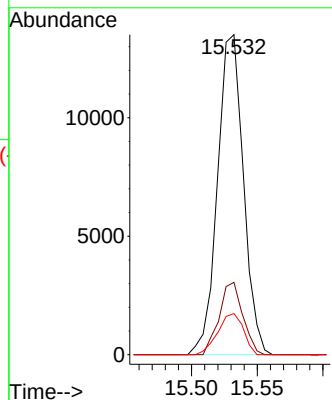
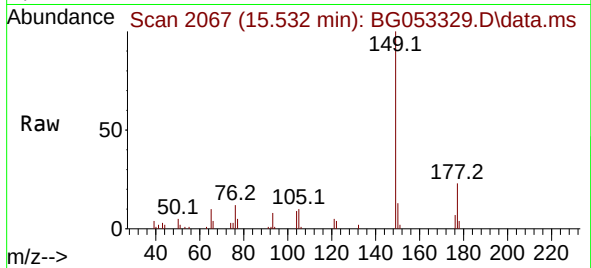




#60
Diethylphthalate
Concen: 2.976 ng
RT: 15.532 min Scan# 2071
Delta R.T. -0.007 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

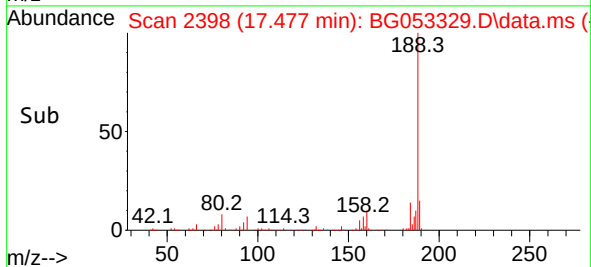
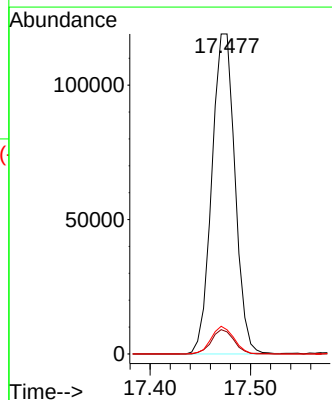
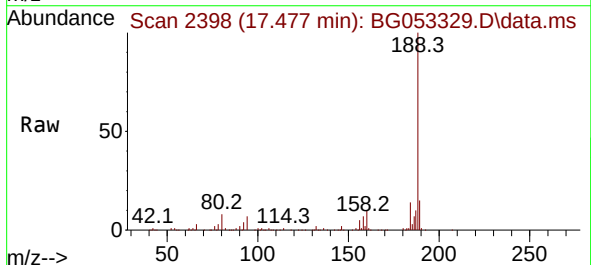
Instrument :
BNA_G
ClientSampleId :
MW-30

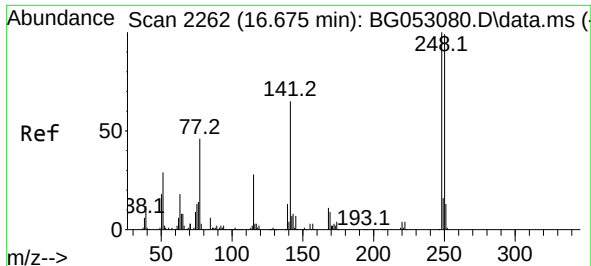
Tgt Ion:149 Resp: 18525
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.9 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2398
Delta R.T. -0.007 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion:188 Resp: 190881
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.6 7.2 10.8

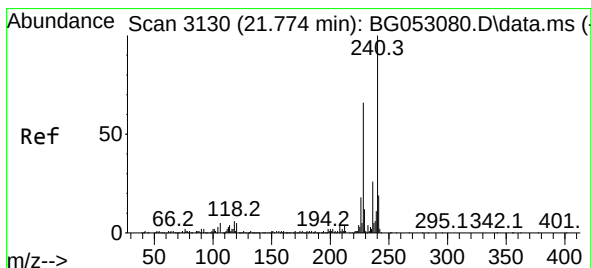
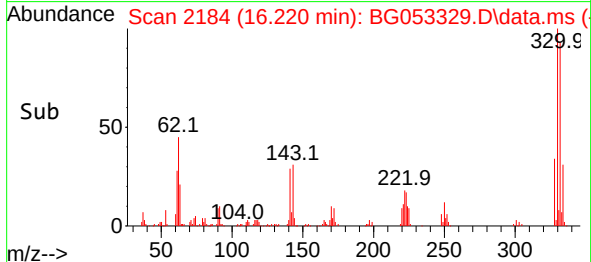
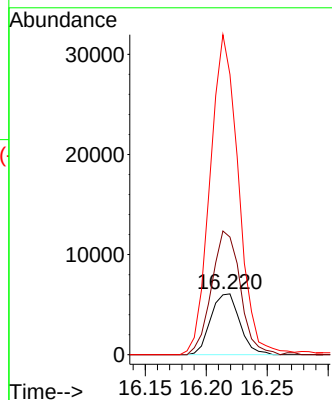
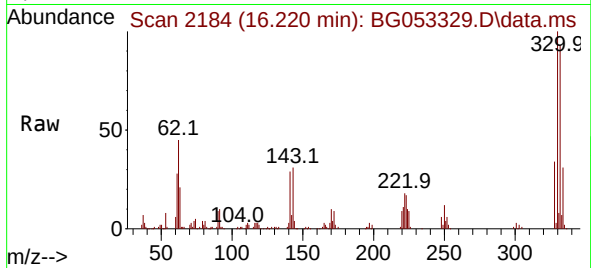




#67
4-Bromophenyl-phenylether
Concen: 4.106 ng
RT: 16.220 min Scan# 21184
Delta R.T. -0.441 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

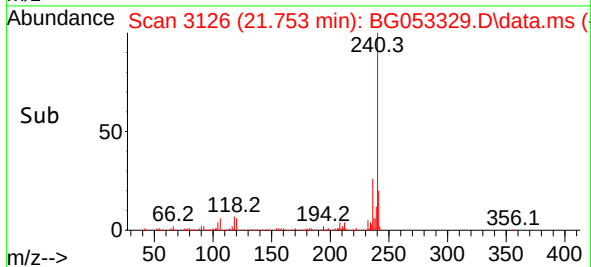
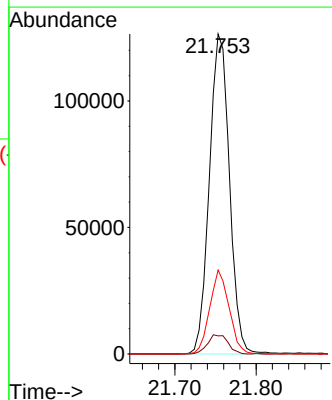
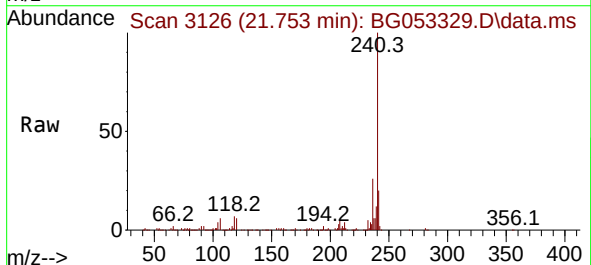
Instrument :
BNA_G
ClientSampleId :
MW-30

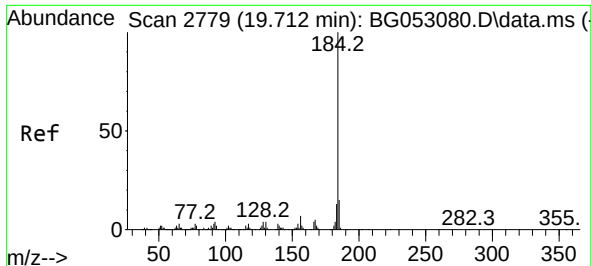
Tgt Ion:248 Resp: 10042
Ion Ratio Lower Upper
248 100
250 193.1 77.9 116.9#
141 460.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

Tgt Ion:240 Resp: 216973
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 26.2 19.8 29.6

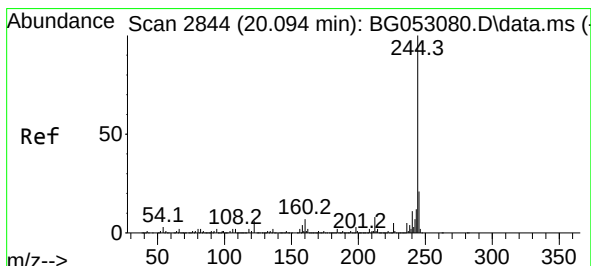
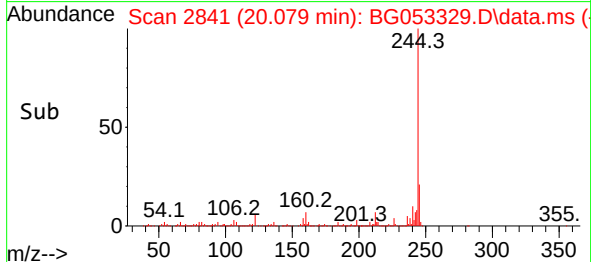
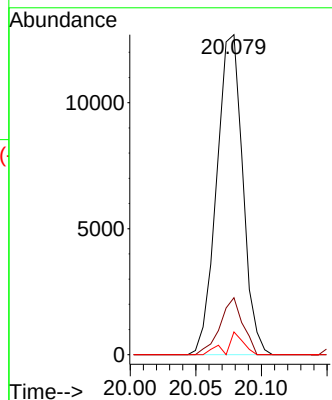
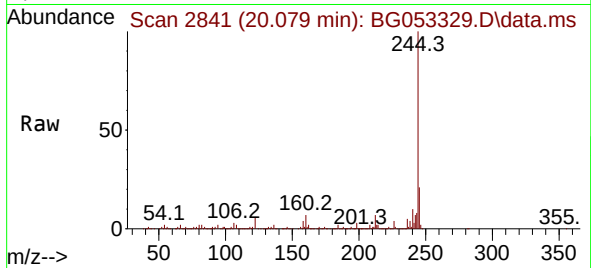




#77
Benzidine
Concen: 2.828 ng
RT: 20.079 min Scan# 2841
Delta R.T. 0.375 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

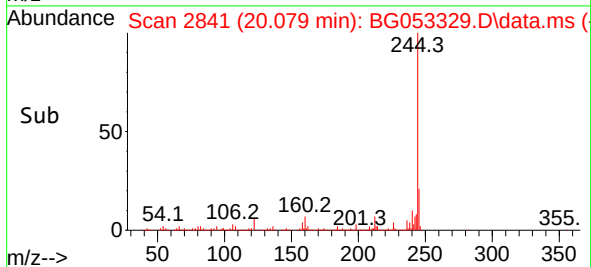
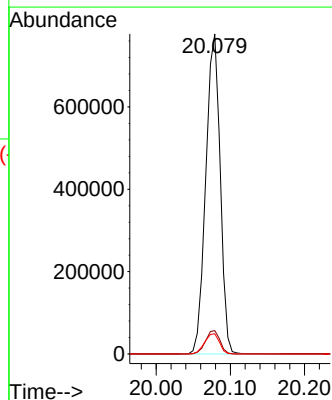
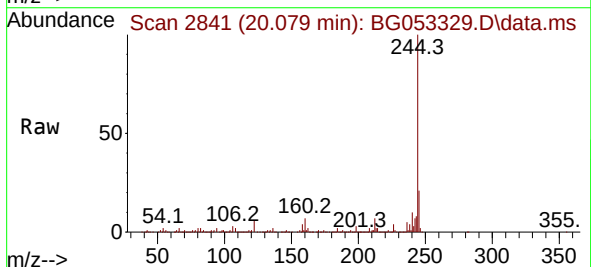
Instrument :
BNA_G
ClientSampleId :
MW-30

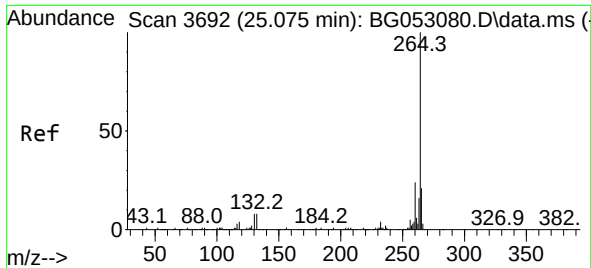
Tgt Ion:184 Resp: 17507
Ion Ratio Lower Upper
184 100
185 17.8 11.5 17.3#
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 81.620 ng
RT: 20.079 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG053329.D
Acq: 26 Apr 2022 20:48

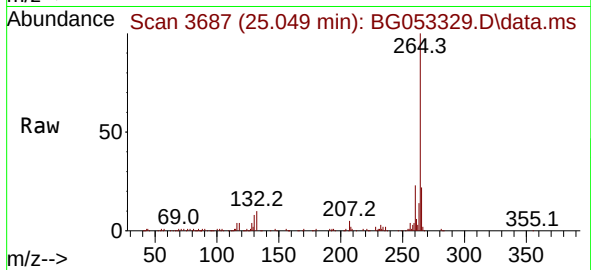
Tgt Ion:244 Resp: 1048575
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 6.3 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.049 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG053329.D
 Acq: 26 Apr 2022 20:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-30



Tgt Ion:264 Resp: 217565
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 22.0 15.1 22.7

