

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053344.D
 Acq On : 27 Apr 2022 12:57
 Operator : CG/JU
 Sample : N2481-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-20R

Quant Time: Apr 28 06:40:32 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)

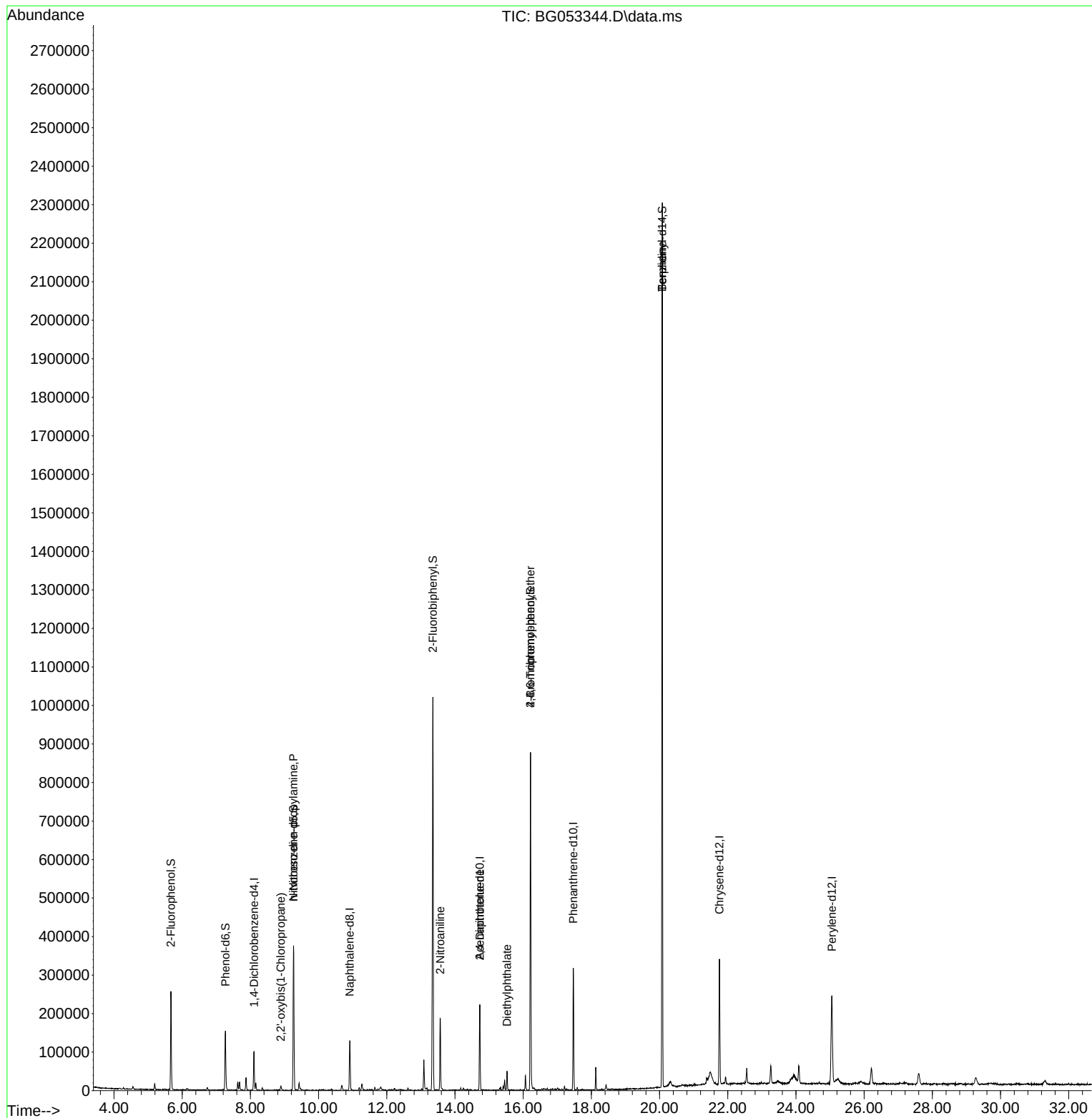
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	27615	20.000	ng	0.00
21) Naphthalene-d8	10.914	136	107003	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	80116	20.000	ng	0.00
64) Phenanthrene-d10	17.470	188	203529	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	214430	20.000	ng	-0.01
86) Perylene-d12	25.054	264	215985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	105137	65.263	ng	0.00
7) Phenol-d6	7.266	99	90706	36.512	ng	0.00
23) Nitrobenzene-d5	9.264	82	245347	93.100	ng	-0.01
42) 2,4,6-Tribromophenol	16.213	330	180789	141.838	ng	-0.01
45) 2-Fluorobiphenyl	13.352	172	522673	89.959	ng	0.00
79) Terphenyl-d14	20.078	244	1152322	90.760	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.893	45	5960	2.003	ng	67
19) n-Nitroso-di-n-propyla...	9.264	70	35031	19.261	ng	# 78
48) 2-Nitroaniline	13.564	65	6177	3.536	ng	# 20
57) 2,4-Dinitrotoluene	14.727	165	9872	5.187	ng	# 25
60) Diethylphthalate	15.526	149	26576	3.958	ng	97
67) 4-Bromophenyl-phenylether	16.213	248	11172	4.284	ng	# 1
77) Benzidine	20.078	184	19519	3.190	ng	# 93

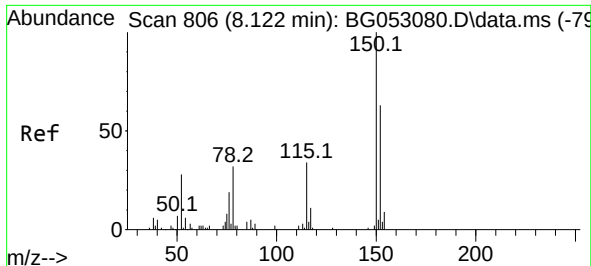
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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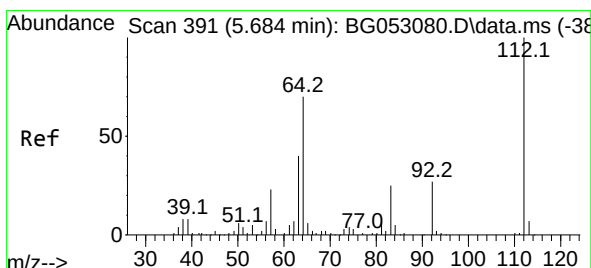
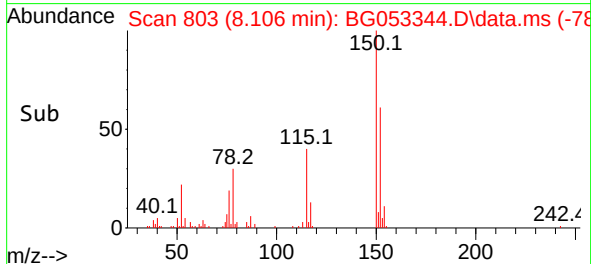
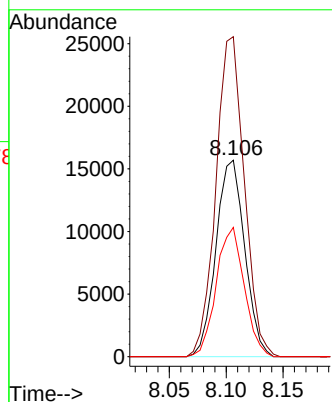
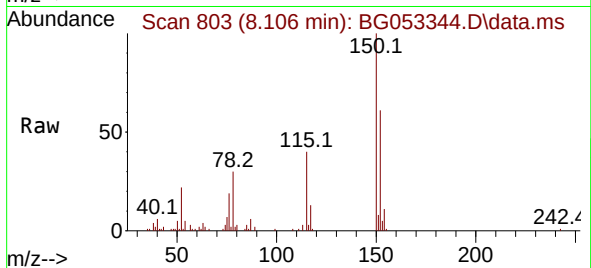




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

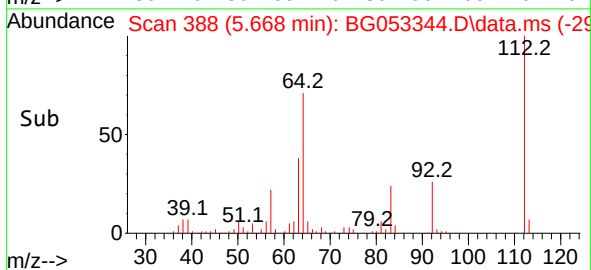
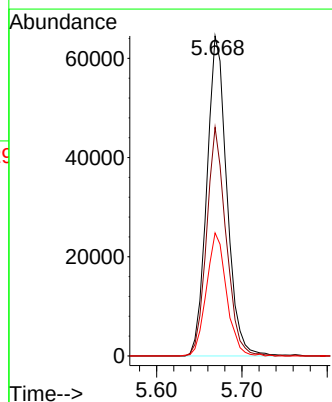
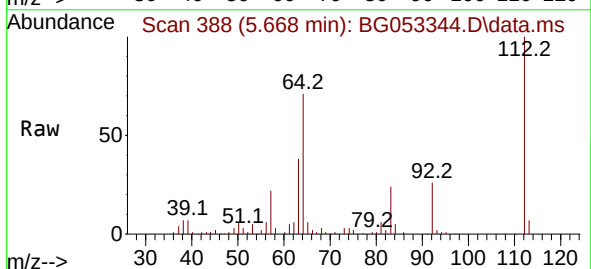
Instrument :
BNA_G
ClientSampleId :
MW-20R

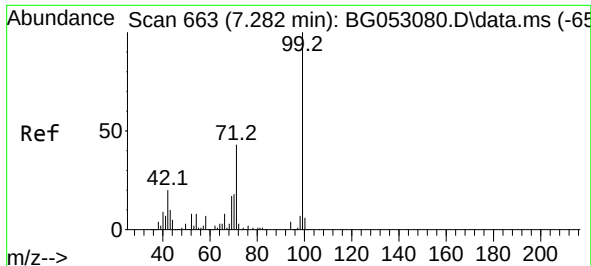
Tgt Ion:152 Resp: 27615
Ion Ratio Lower Upper
152 100
150 162.8 114.6 172.0
115 65.8 45.9 68.9



#5
2-Fluorophenol
Concen: 65.263 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.007 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

Tgt Ion:112 Resp: 105137
Ion Ratio Lower Upper
112 100
64 71.4 48.0 72.0
63 38.5 26.5 39.7

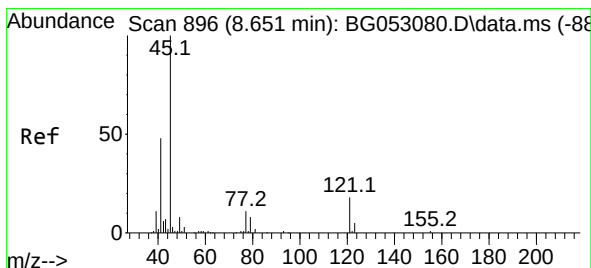
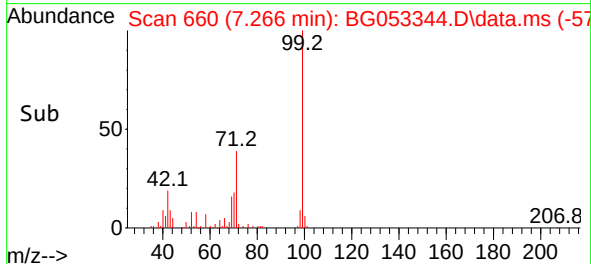
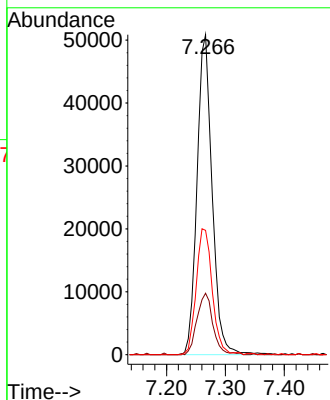
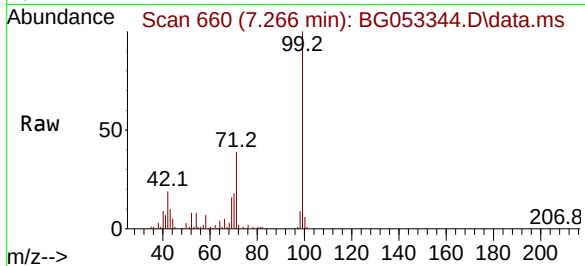




#7
Phenol-d6
Concen: 36.512 ng
RT: 7.266 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

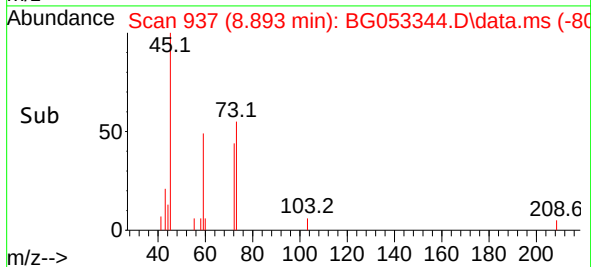
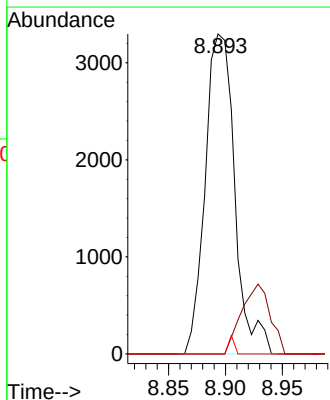
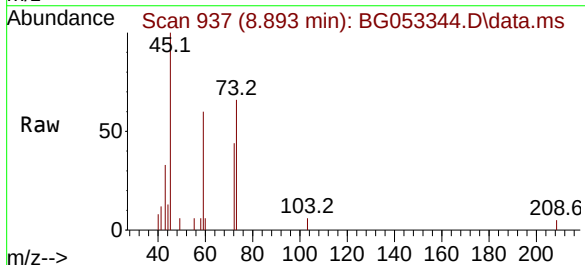
Instrument :
BNA_G
ClientSampleId :
MW-20R

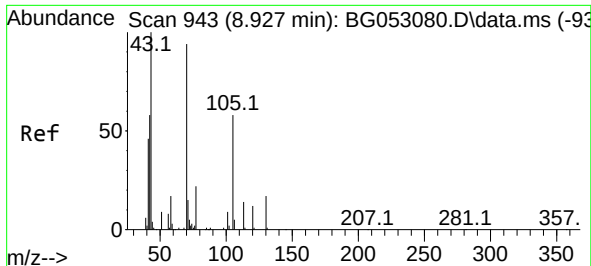
Tgt Ion: 99 Resp: 90706
Ion Ratio Lower Upper
99 100
42 19.2 14.7 22.1
71 38.8 29.2 43.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 2.003 ng
RT: 8.893 min Scan# 937
Delta R.T. 0.257 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

Tgt Ion: 45 Resp: 5960
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.9
79 0.0 0.0 30.7

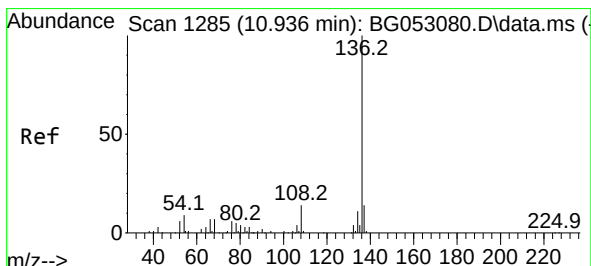
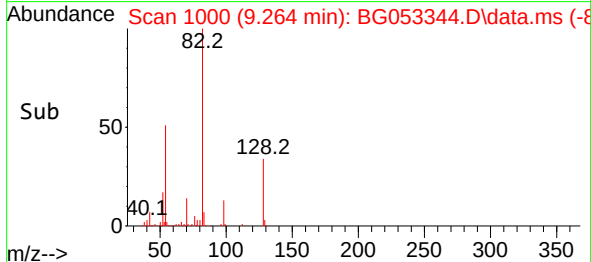
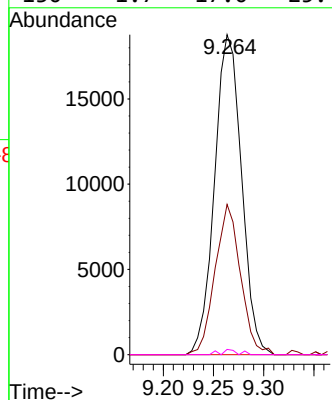
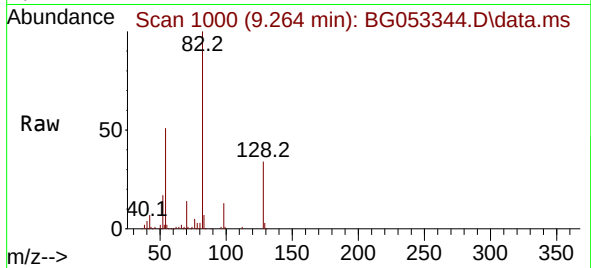




#19
n-Nitroso-di-n-propylamine
Concen: 19.261 ng
RT: 9.264 min Scan# 10
Delta R.T. 0.351 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

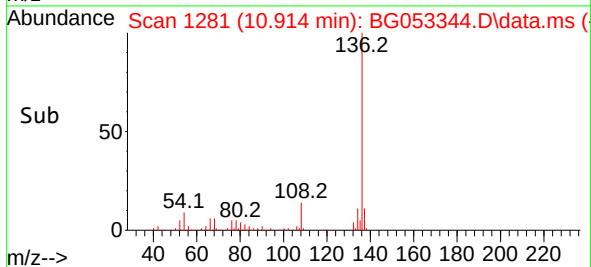
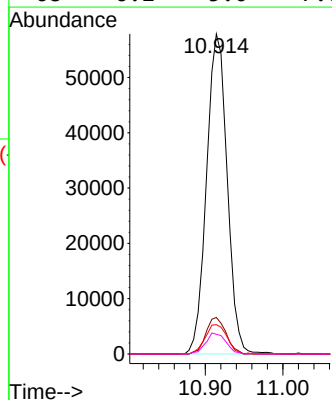
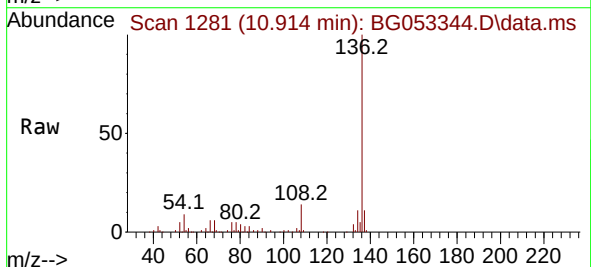
Instrument :
BNA_G
ClientSampleId :
MW-20R

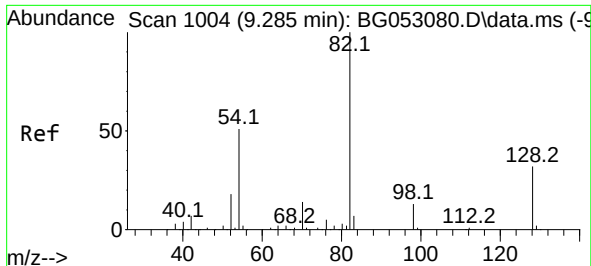
Tgt Ion: 70 Resp: 35031
Ion Ratio Lower Upper
70 100
42 47.0 46.0 69.0
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.914 min Scan# 1281
Delta R.T. -0.007 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

Tgt Ion:136 Resp: 107003
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 9.2 6.4 9.6
68 6.2 5.0 7.6

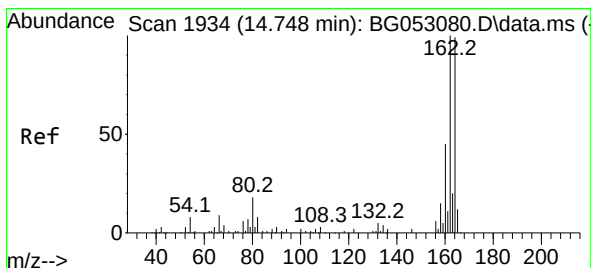
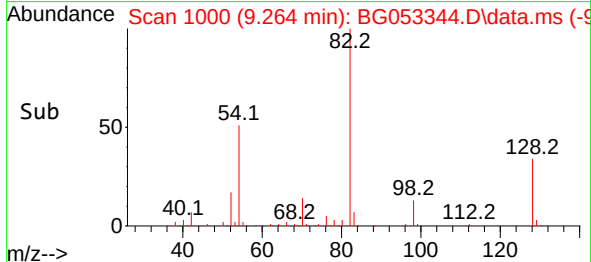
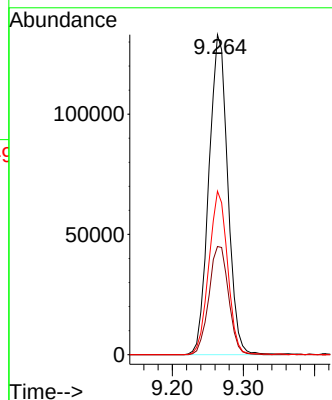
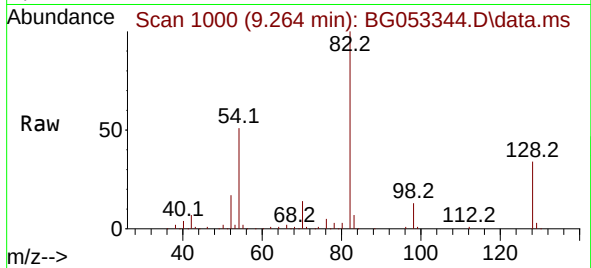




#23
Nitrobenzene-d5
Concen: 93.100 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.013 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

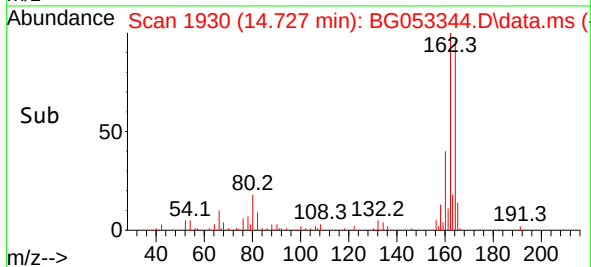
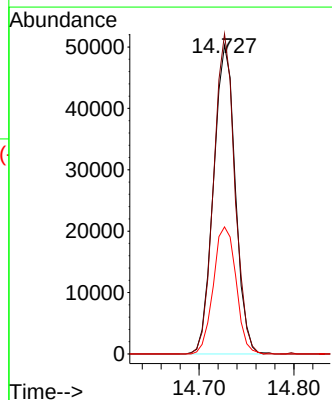
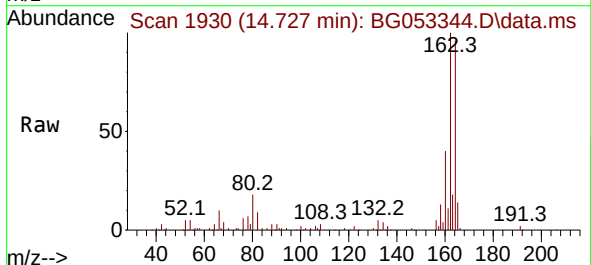
Instrument :
BNA_G
ClientSampleId :
MW-20R

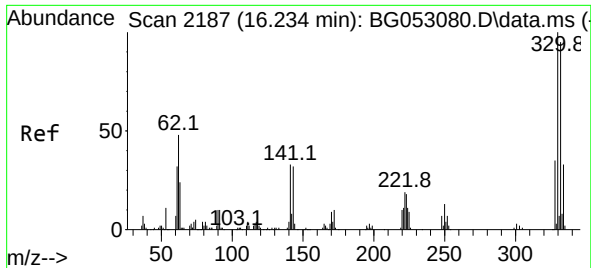
Tgt Ion: 82 Resp: 245347
Ion Ratio Lower Upper
82 100
128 33.8 31.3 46.9
54 51.1 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

Tgt Ion:164 Resp: 80116
Ion Ratio Lower Upper
164 100
162 103.6 80.0 120.0
160 41.2 38.8 58.2

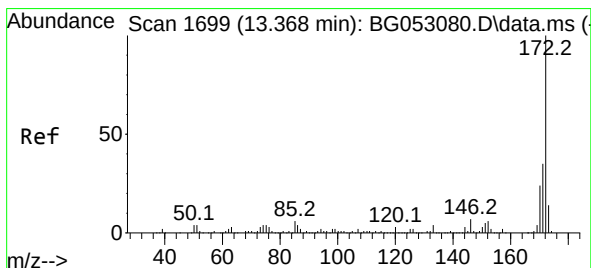
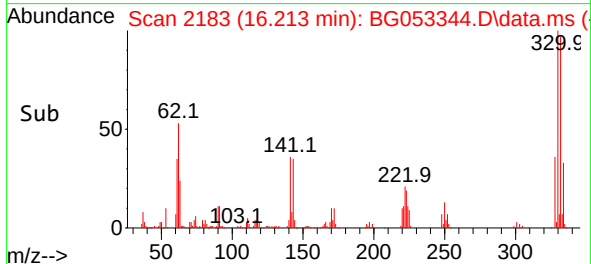
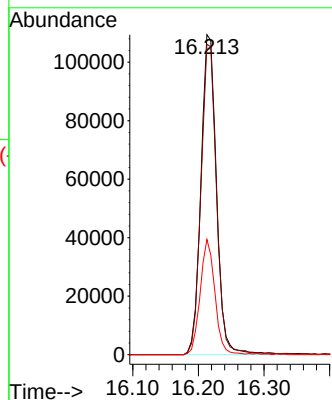
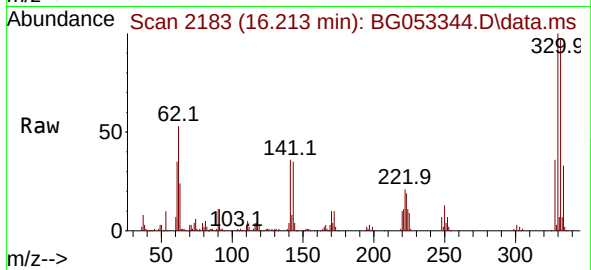




#42
 2,4,6-Tribromophenol
 Concen: 141.838 ng
 RT: 16.213 min Scan# 2183
 Delta R.T. -0.013 min
 Lab File: BG053344.D
 Acq: 27 Apr 2022 12:57

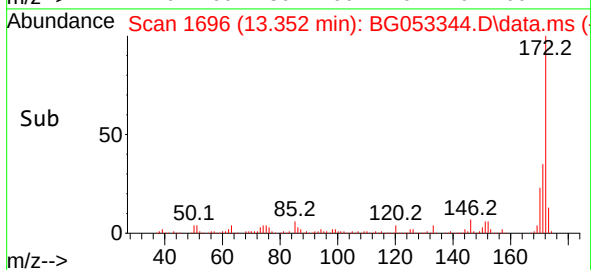
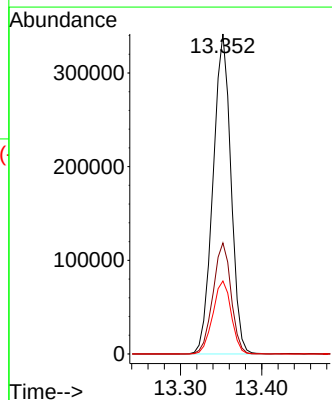
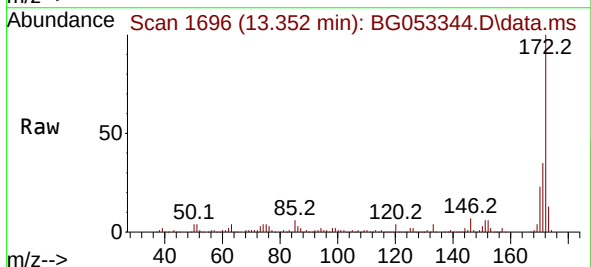
Instrument :
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 ClientSampleId :
 MW-20R

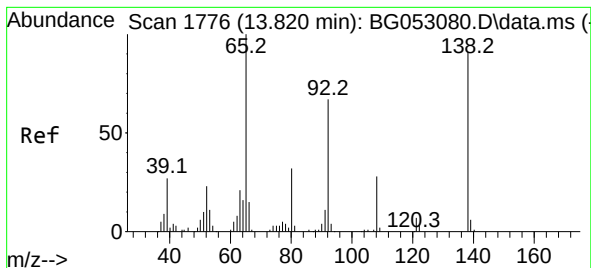
Tgt Ion:330 Resp: 180789
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.8 113.6
 141 33.9 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 89.959 ng
 RT: 13.352 min Scan# 1696
 Delta R.T. -0.007 min
 Lab File: BG053344.D
 Acq: 27 Apr 2022 12:57

Tgt Ion:172 Resp: 522673
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 22.8 18.0 27.0





#48

2-Nitroaniline

Concen: 3.536 ng

RT: 13.564 min Scan# 1

Delta R.T. -0.248 min

Lab File: BG053344.D

Acq: 27 Apr 2022 12:57

Instrument :

BNA_G

ClientSampleId :

MW-20R

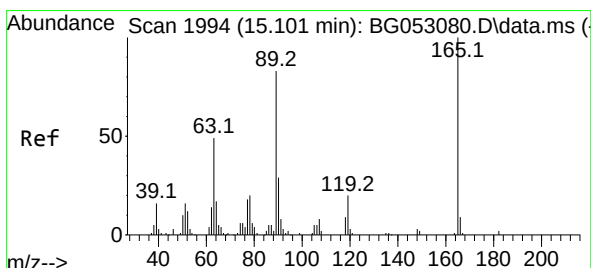
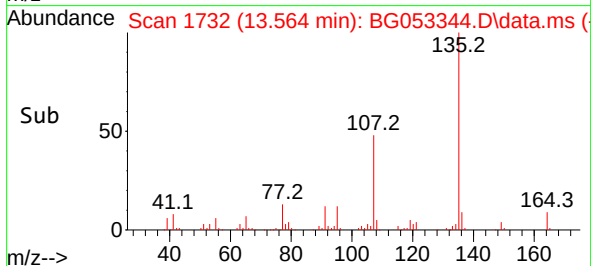
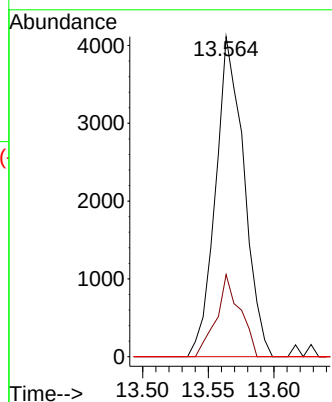
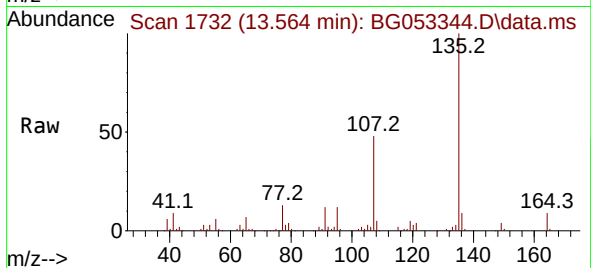
Tgt Ion: 65 Resp: 6177

Ion Ratio Lower Upper

65 100

92 25.7 52.1 78.1#

138 0.0 80.1 120.1#



#57

2,4-Dinitrotoluene

Concen: 5.187 ng

RT: 14.727 min Scan# 1930

Delta R.T. -0.366 min

Lab File: BG053344.D

Acq: 27 Apr 2022 12:57

Tgt Ion: 165 Resp: 9872

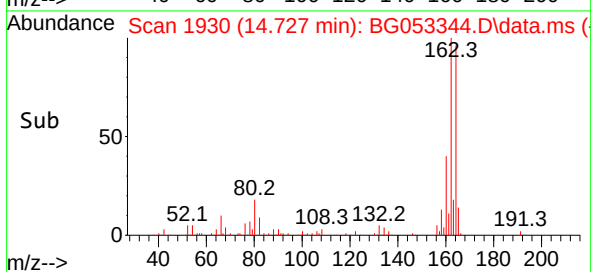
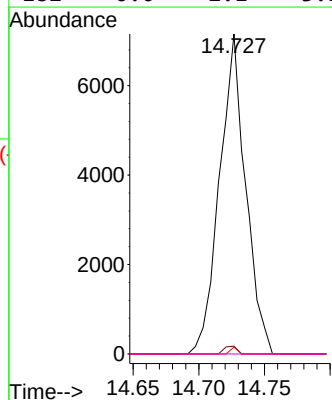
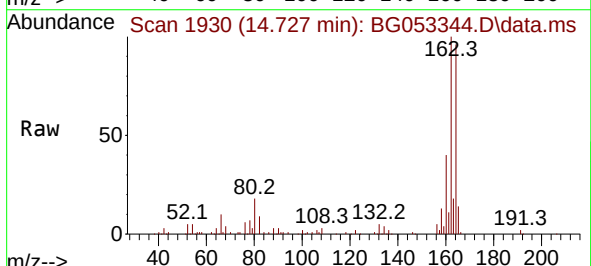
Ion Ratio Lower Upper

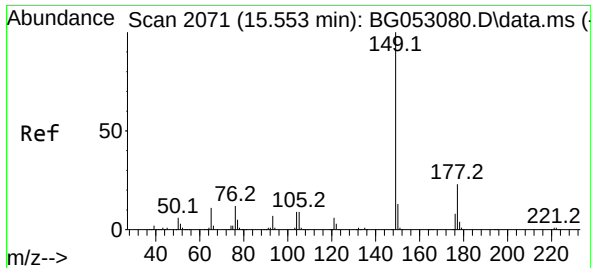
165 100

63 2.4 34.8 52.2#

89 2.1 57.4 86.0#

182 0.0 2.1 3.1#

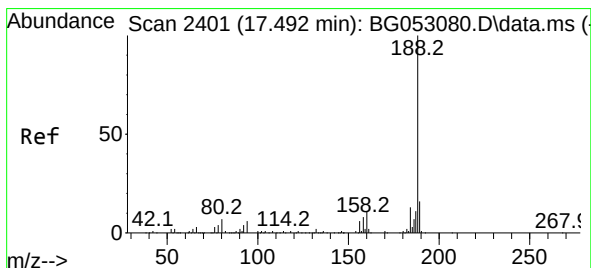
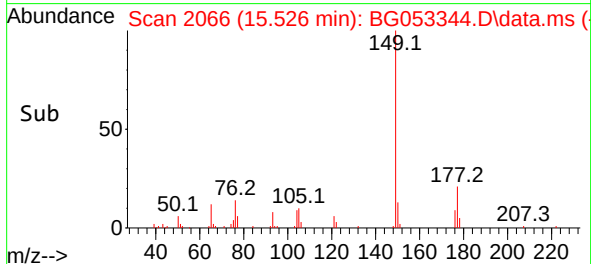
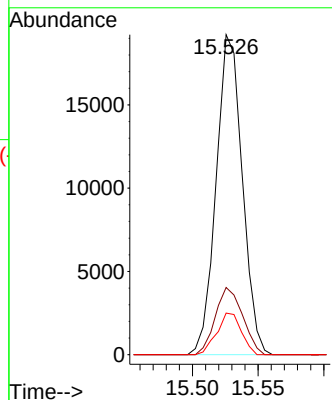
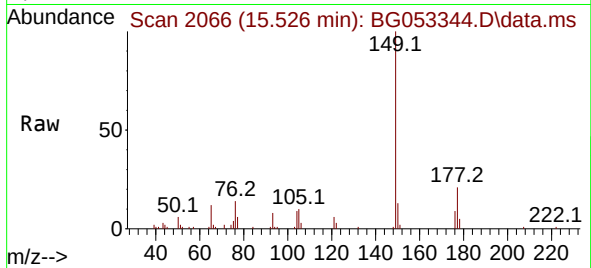




#60
Diethylphthalate
Concen: 3.958 ng
RT: 15.526 min Scan# 2071
Delta R.T. -0.013 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

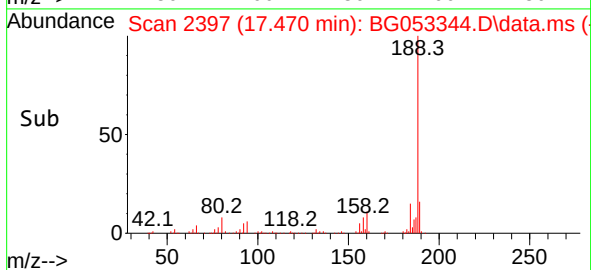
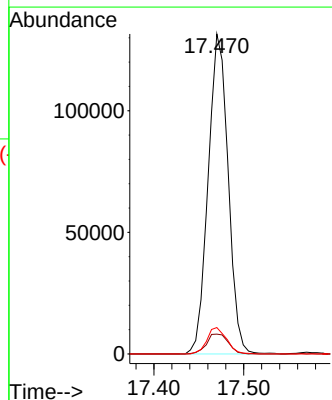
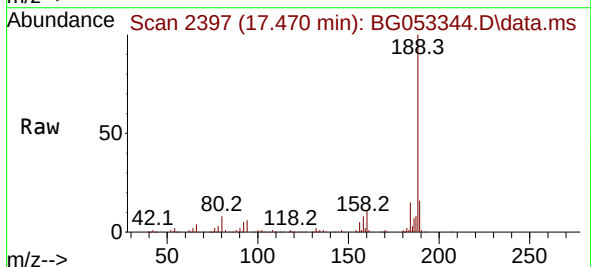
Instrument :
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MW-20R

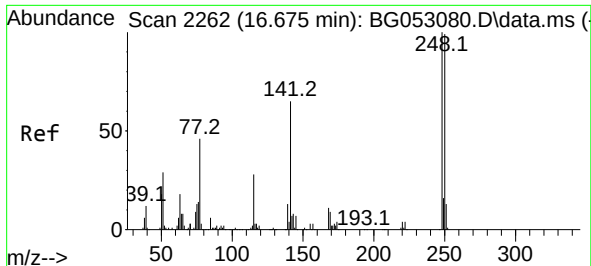
Tgt Ion:149 Resp: 26576
Ion Ratio Lower Upper
149 100
177 21.0 18.2 27.2
150 13.0 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.470 min Scan# 2397
Delta R.T. -0.013 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

Tgt Ion:188 Resp: 203529
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 8.3 7.2 10.8

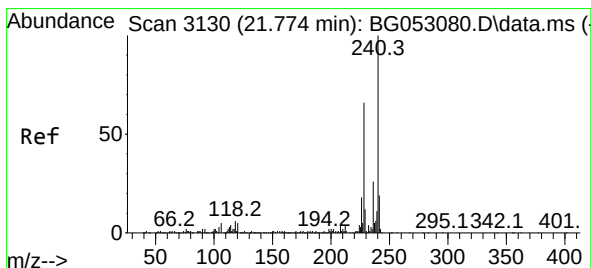
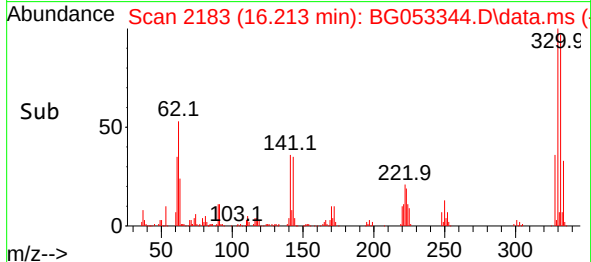
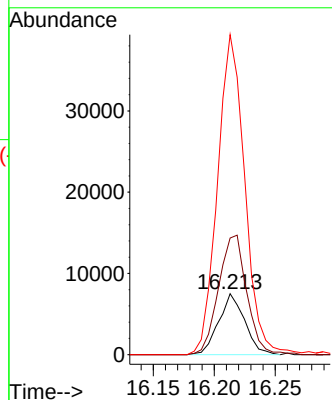
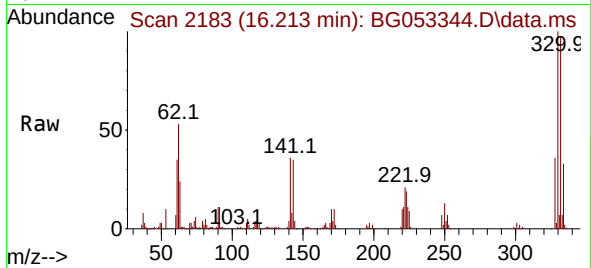




#67
4-Bromophenyl-phenylether
Concen: 4.284 ng
RT: 16.213 min Scan# 21172
Delta R.T. -0.448 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

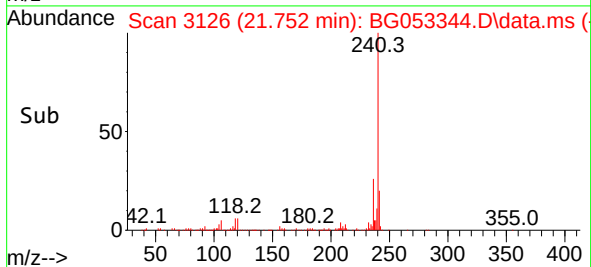
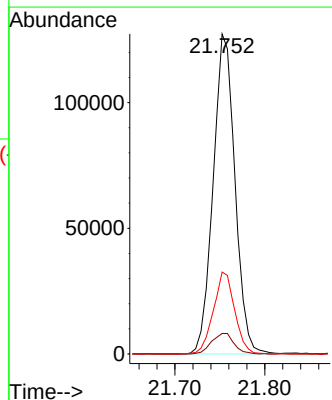
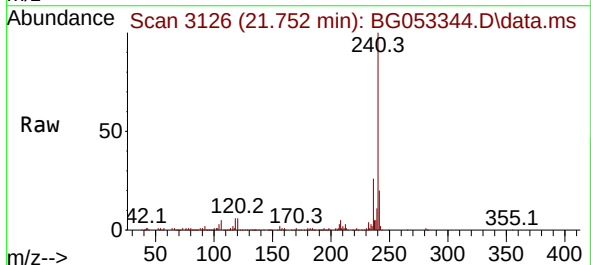
Instrument :
BNA_G
ClientSampleId :
MW-20R

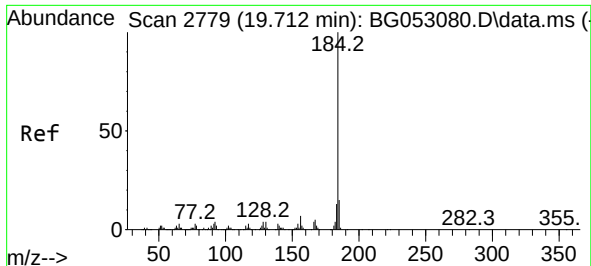
Tgt Ion:248 Resp: 11172
Ion Ratio Lower Upper
248 100
250 191.0 77.9 116.9#
141 524.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

Tgt Ion:240 Resp: 214430
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.6 19.8 29.6

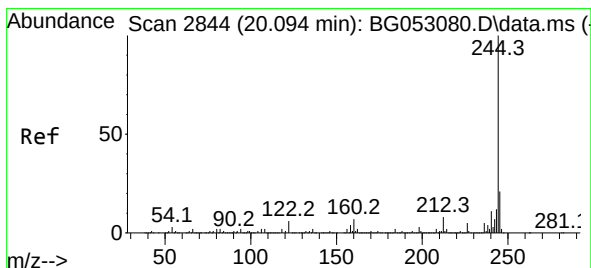
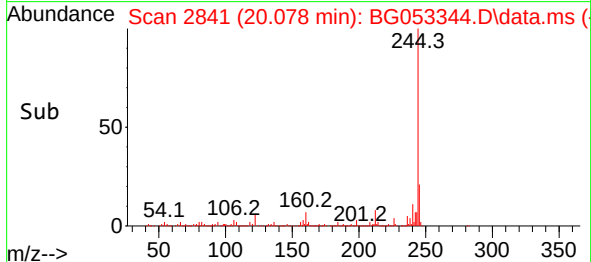
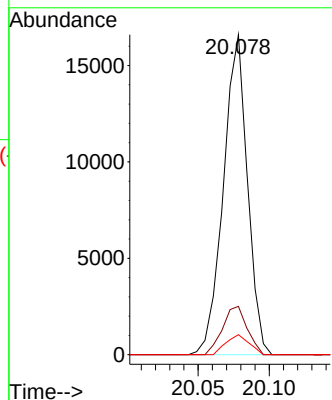
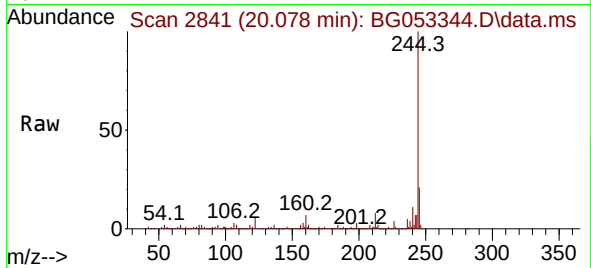




#77
Benzidine
Concen: 3.190 ng
RT: 20.078 min Scan# 2841
Delta R.T. 0.375 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

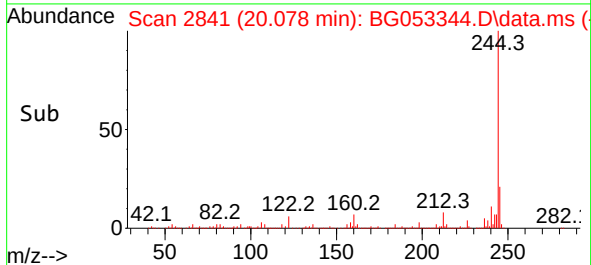
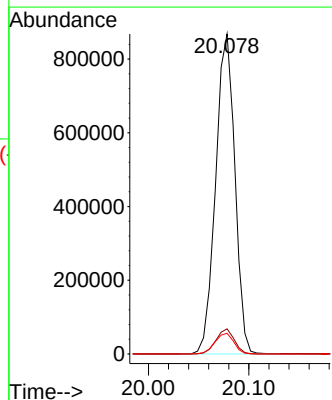
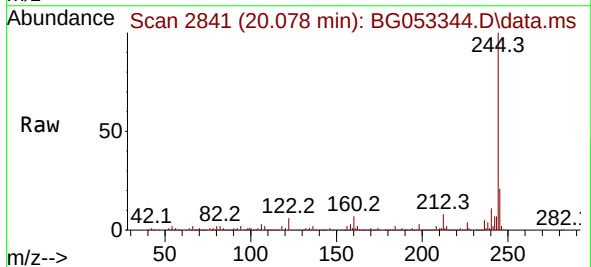
Instrument :
BNA_G
ClientSampleId :
MW-20R

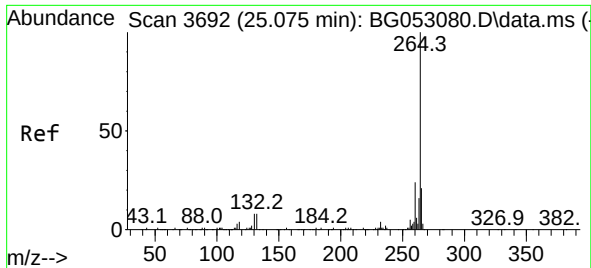
Tgt Ion:184 Resp: 19519
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 90.760 ng
RT: 20.078 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG053344.D
Acq: 27 Apr 2022 12:57

Tgt Ion:244 Resp: 1152322
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.054 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG053344.D
 Acq: 27 Apr 2022 12:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-20R

Tgt Ion:264 Resp: 215985
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 20.6 15.1 22.7

