

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053353.D
 Acq On : 27 Apr 2022 18:45
 Operator : CG/JU
 Sample : N2482-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

Quant Time: Apr 28 06:41:27 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)

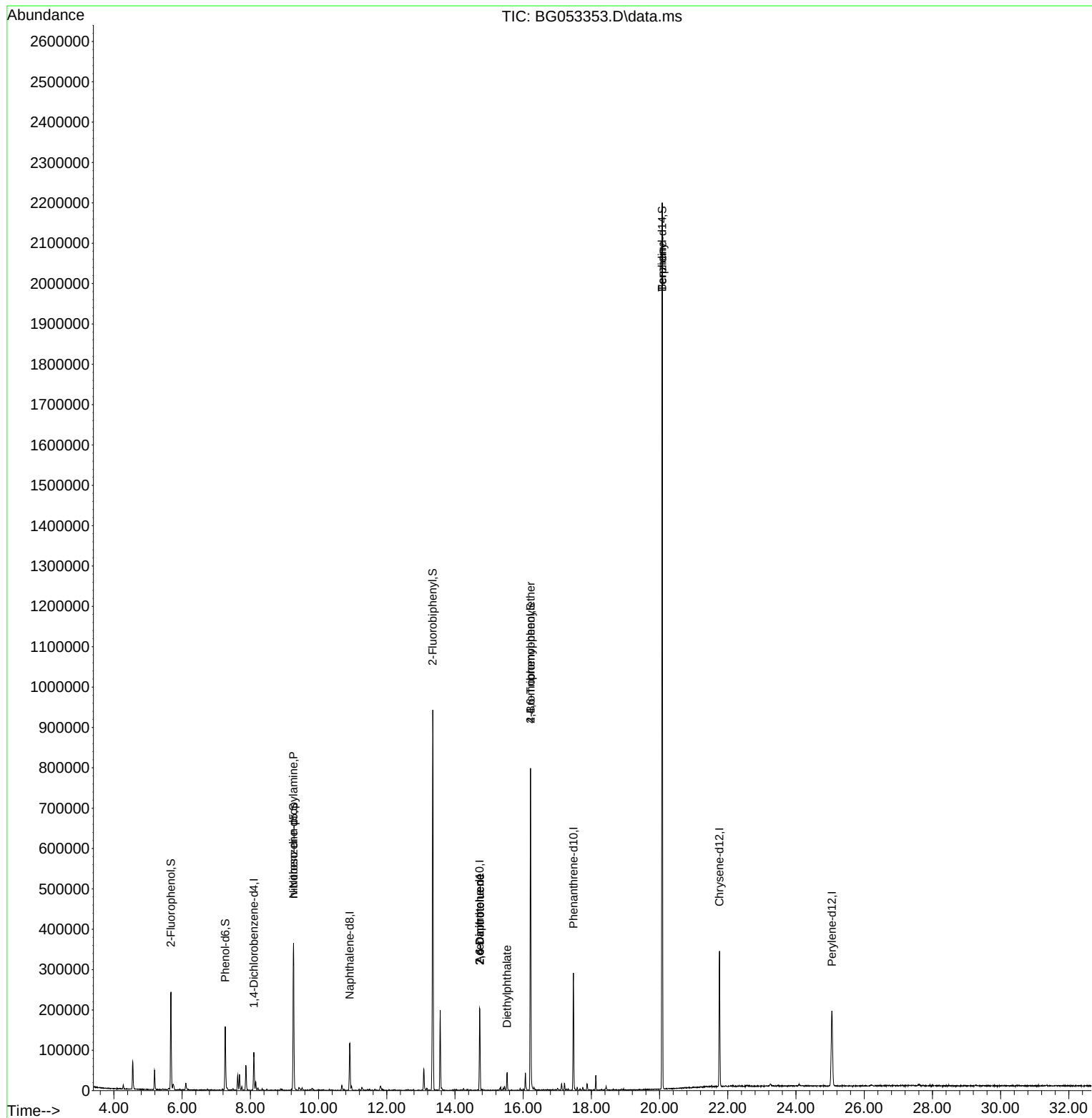
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	25374	20.000	ng	-0.01
21) Naphthalene-d8	10.911	136	98747	20.000	ng	-0.01
39) Acenaphthene-d10	14.723	164	73686	20.000	ng	-0.01
64) Phenanthrene-d10	17.473	188	188187	20.000	ng	-0.01
76) Chrysene-d12	21.755	240	211773	20.000	ng	-0.01
86) Perylene-d12	25.051	264	210647	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	105071	70.982	ng	0.00
7) Phenol-d6	7.263	99	91998	40.303	ng	-0.01
23) Nitrobenzene-d5	9.266	82	233806	96.138	ng	-0.01
42) 2,4,6-Tribromophenol	16.216	330	165595	141.255	ng	-0.01
45) 2-Fluorobiphenyl	13.349	172	498255	93.240	ng	-0.01
79) Terphenyl-d14	20.075	244	1124786	89.702	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.266	70	32987	19.739	ng	# 73
51) 2,6-Dinitrotoluene	14.729	165	10245	8.332	ng	# 24
57) 2,4-Dinitrotoluene	14.729	165	10245	5.853	ng	# 22
60) Diethylphthalate	15.528	149	24193	3.918	ng	95
67) 4-Bromophenyl-phenylether	16.216	248	10587	4.391	ng	# 1
77) Benzidine	20.075	184	19151	3.170	ng	# 87

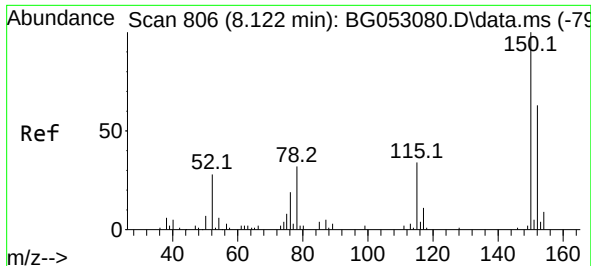
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
Data File : BG053353.D
Acq On : 27 Apr 2022 18:45
Operator : CG/JU
Sample : N2482-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-25R

Quant Time: Apr 28 06:41:27 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

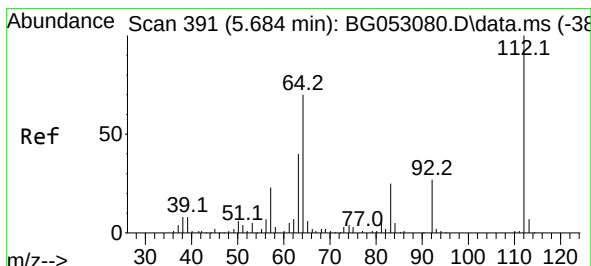
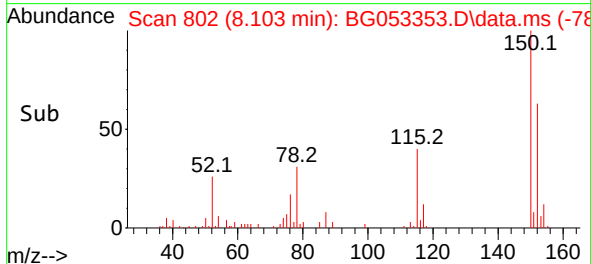
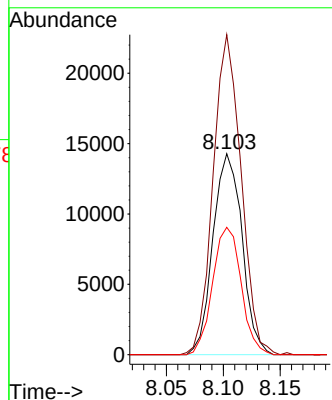
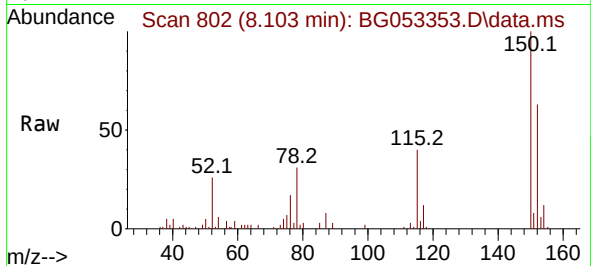




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.103 min Scan# 806
Delta R.T. -0.010 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

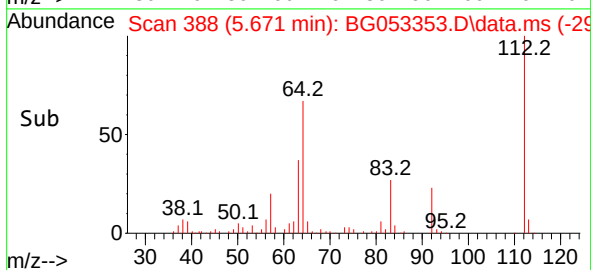
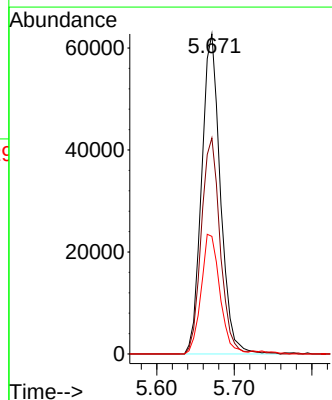
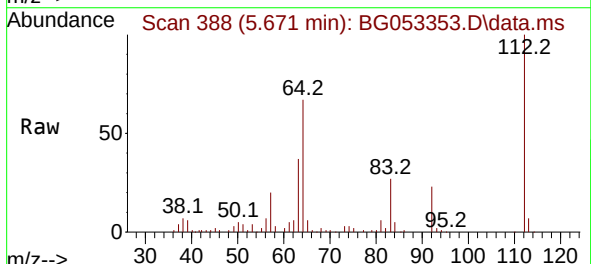
Instrument :
BNA_G
ClientSampleId :
MW-25R

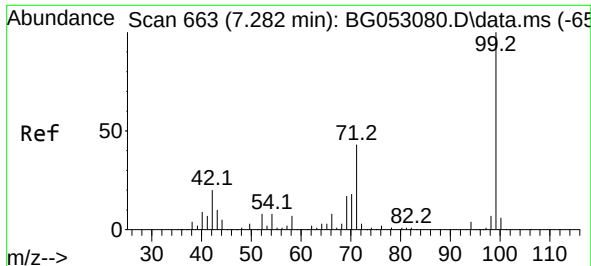
Tgt Ion:152 Resp: 25374
Ion Ratio Lower Upper
152 100
150 159.3 114.6 172.0
115 63.4 45.9 68.9



#5
2-Fluorophenol
Concen: 70.982 ng
RT: 5.671 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion:112 Resp: 105071
Ion Ratio Lower Upper
112 100
64 67.5 48.0 72.0
63 36.8 26.5 39.7

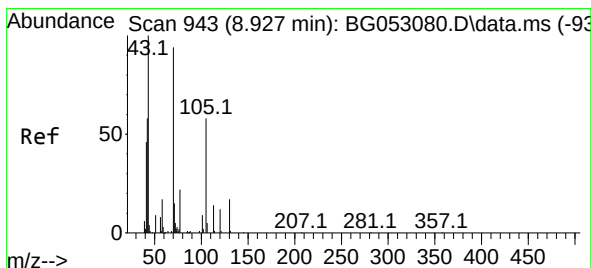
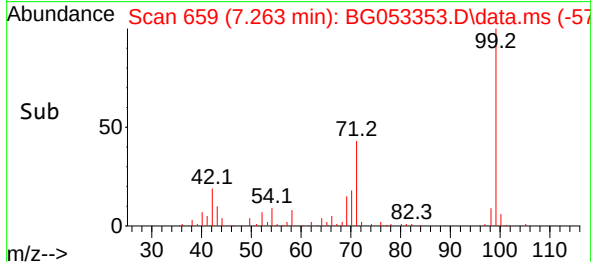
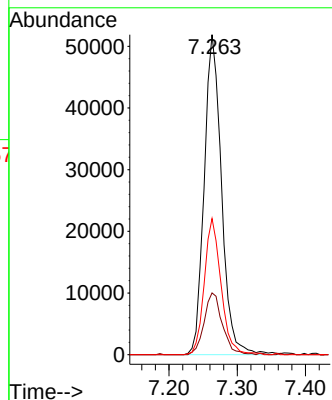
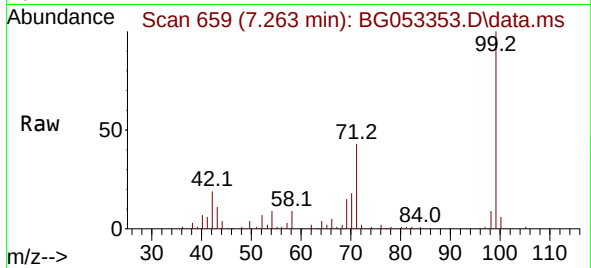




#7
Phenol-d6
Concen: 40.303 ng
RT: 7.263 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

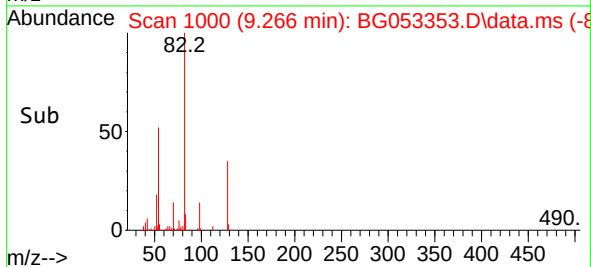
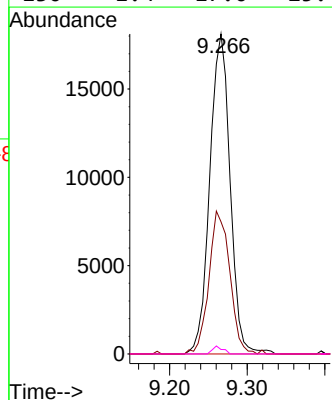
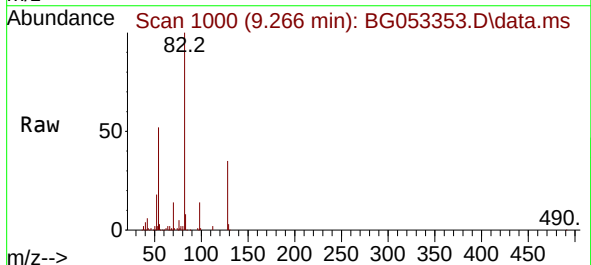
Instrument :
BNA_G
ClientSampleId :
MW-25R

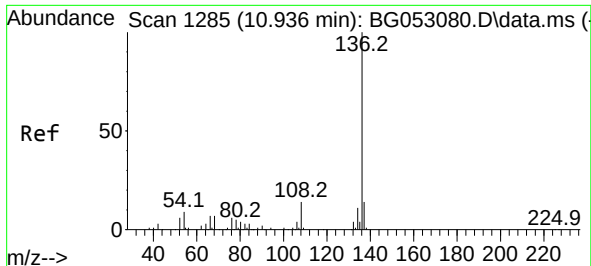
Tgt Ion: 99 Resp: 91998
Ion Ratio Lower Upper
99 100
42 19.3 14.7 22.1
71 42.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.739 ng
RT: 9.266 min Scan# 1000
Delta R.T. 0.354 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion: 70 Resp: 32987
Ion Ratio Lower Upper
70 100
42 41.3 46.0 69.0#
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#

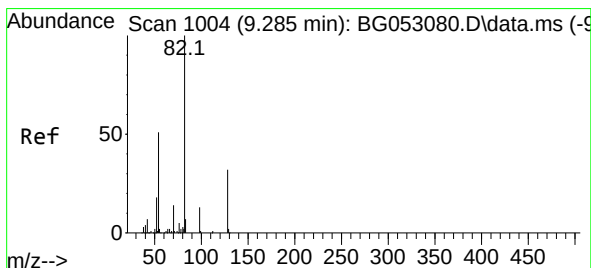
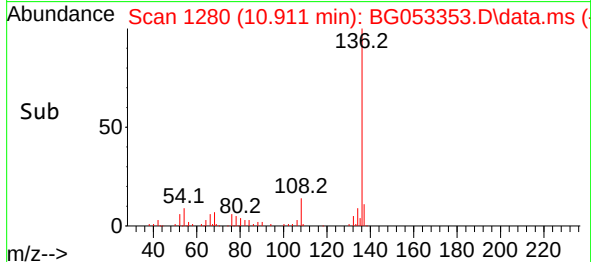
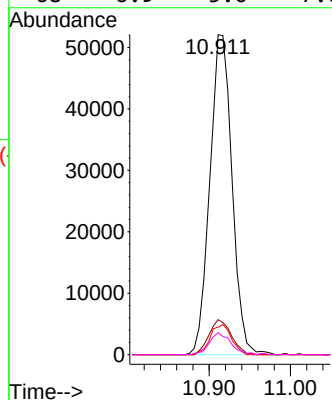
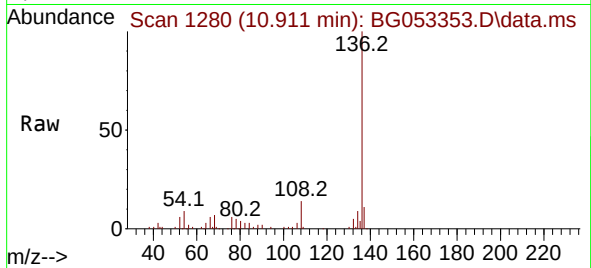




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.911 min Scan# 10
Delta R.T. -0.011 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

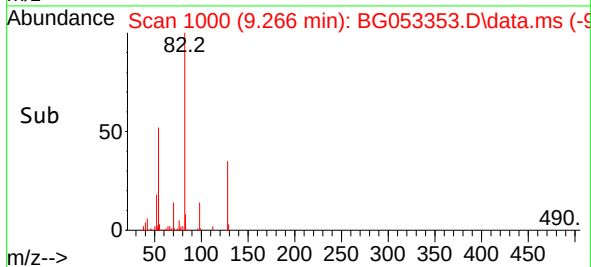
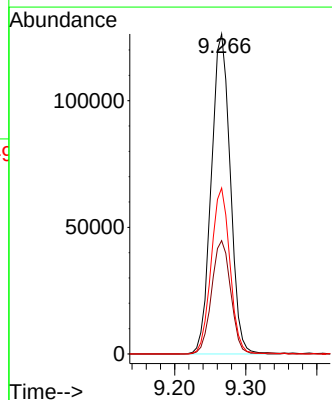
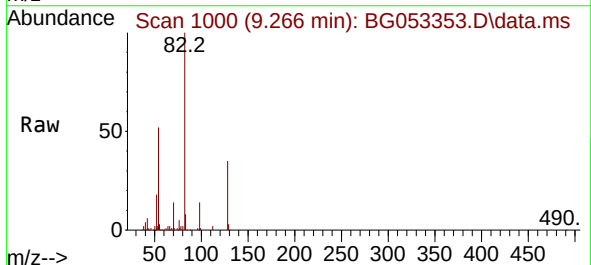
Instrument :
BNA_G
ClientSampleId :
MW-25R

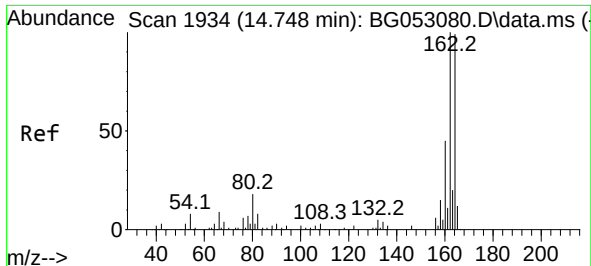
Tgt Ion:136	Resp:	98747
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.4 14.2
54	8.6	6.4 9.6
68	6.9	5.0 7.6



#23
Nitrobenzene-d5
Concen: 96.138 ng
RT: 9.266 min Scan# 1000
Delta R.T. -0.010 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion: 82	Resp:	233806
Ion Ratio	Lower	Upper
82	100	
128	35.4	31.3 46.9
54	51.8	37.8 56.8

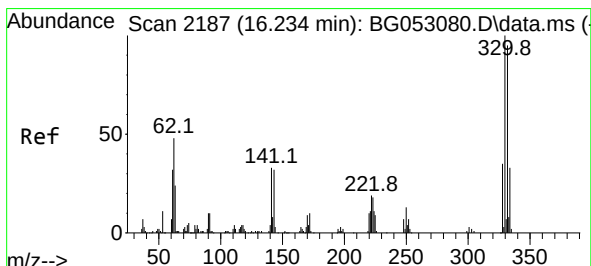
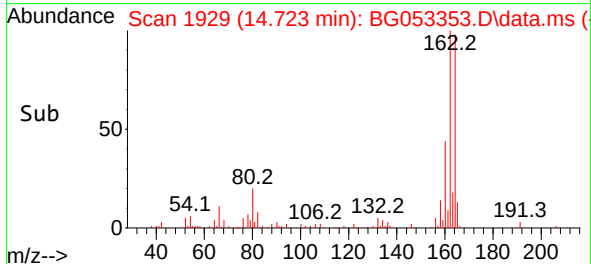
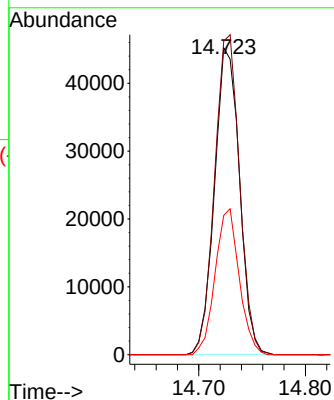
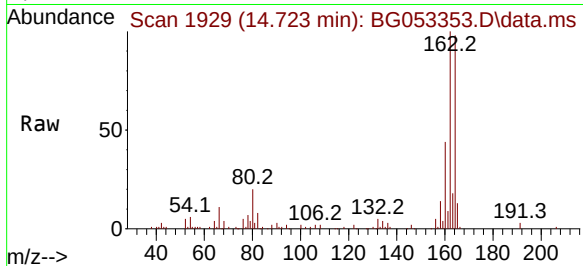




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.723 min Scan# 1929
Delta R.T. -0.011 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

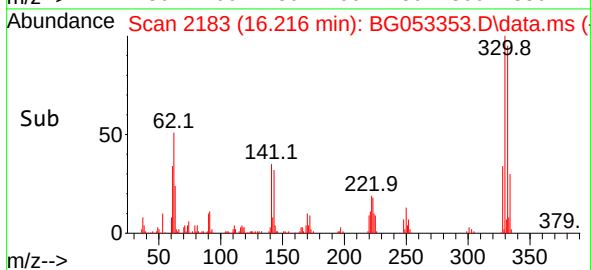
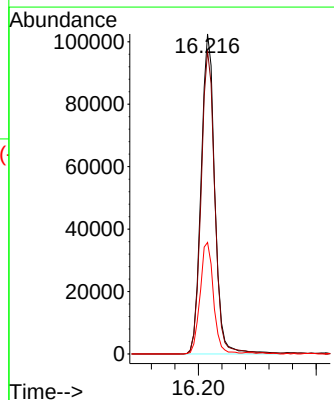
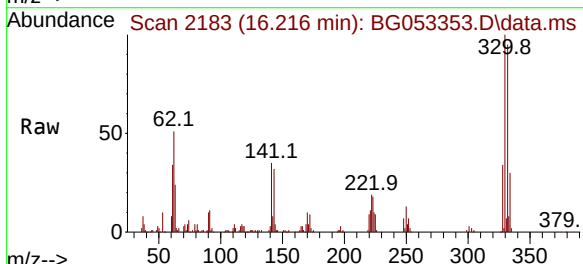
Instrument :
BNA_G
ClientSampleId :
MW-25R

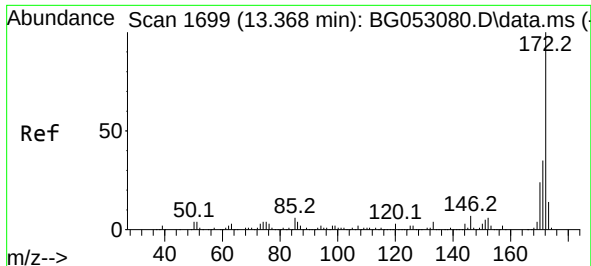
Tgt Ion:164 Resp: 73686
Ion Ratio Lower Upper
164 100
162 102.1 80.0 120.0
160 45.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 141.255 ng
RT: 16.216 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion:330 Resp: 165595
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.6
141 34.1 24.6 36.8

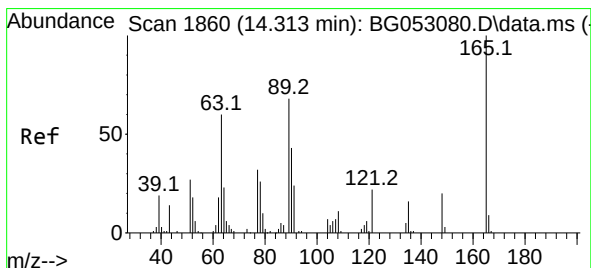
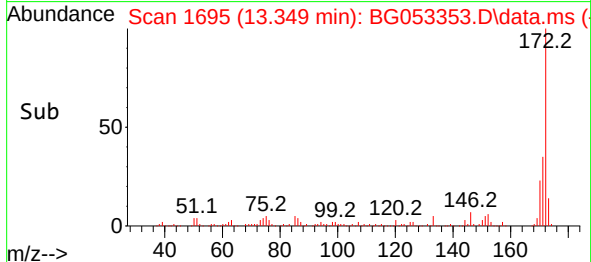
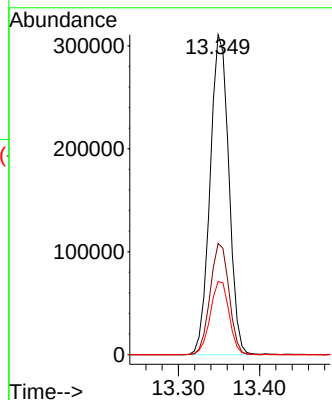
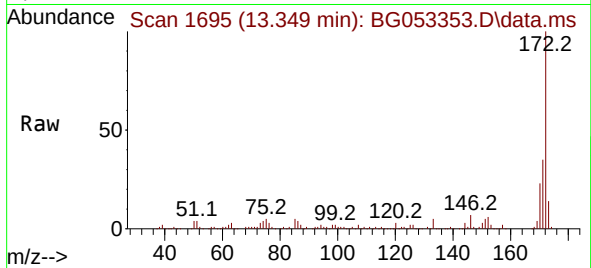




#45
2-Fluorobiphenyl
Concen: 93.240 ng
RT: 13.349 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

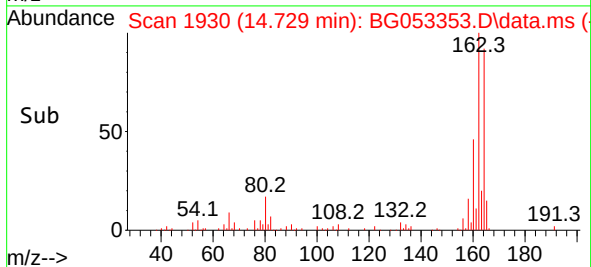
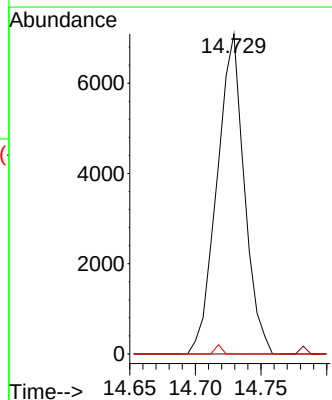
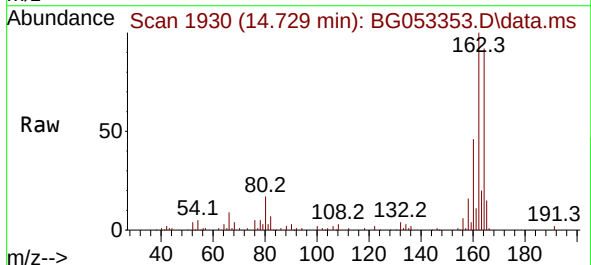
Instrument :
BNA_G
ClientSampleId :
MW-25R

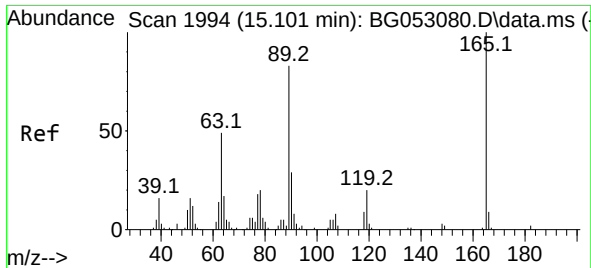
Tgt Ion:172 Resp: 498255
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.332 ng
RT: 14.729 min Scan# 1930
Delta R.T. 0.424 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion:165 Resp: 10245
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

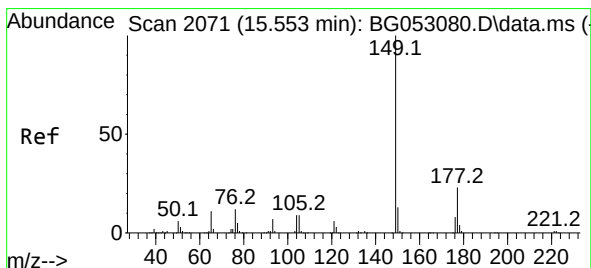
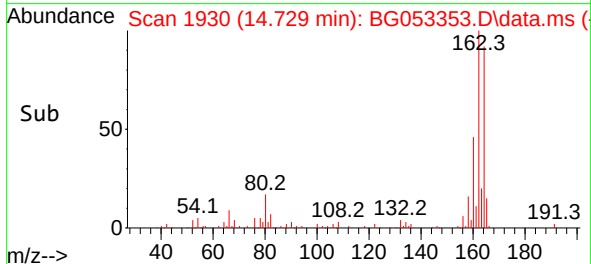
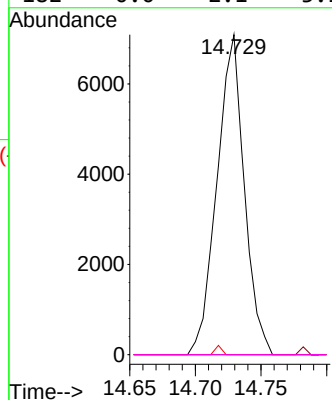
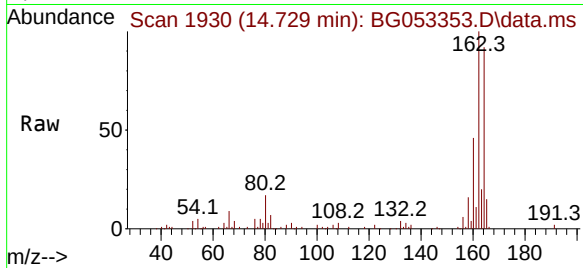




#57
2,4-Dinitrotoluene
Concen: 5.853 ng
RT: 14.729 min Scan# 1994
Delta R.T. -0.363 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

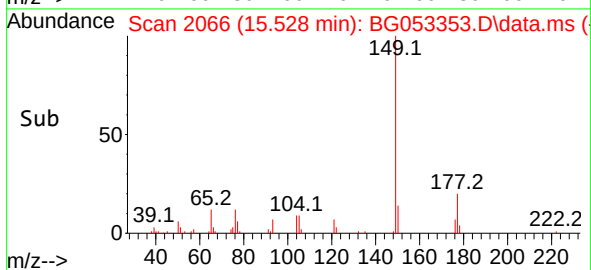
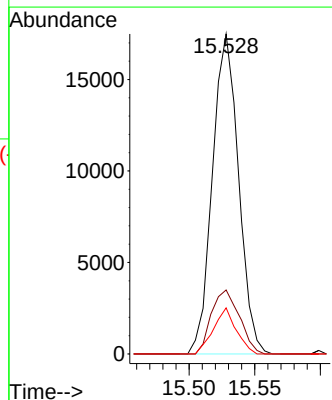
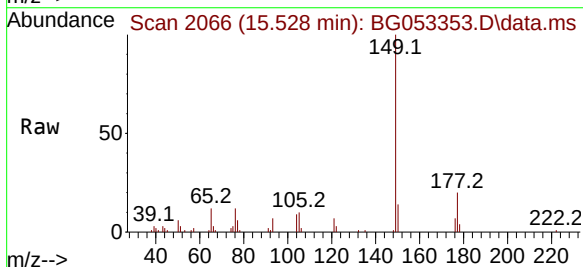
Instrument :
BNA_G
ClientSampleId :
MW-25R

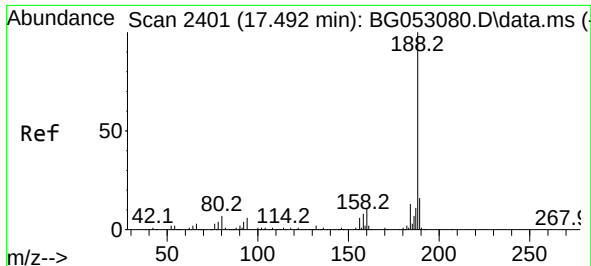
Tgt Ion:165 Resp: 10245
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 3.918 ng
RT: 15.528 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion:149 Resp: 24193
Ion Ratio Lower Upper
149 100
177 20.0 18.2 27.2
150 14.4 9.9 14.9

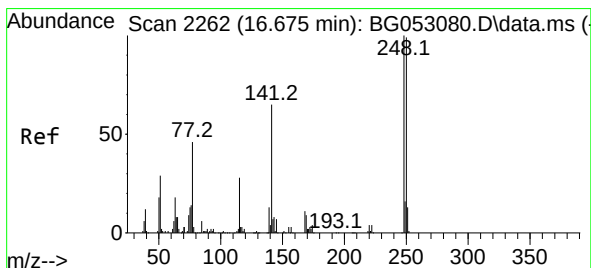
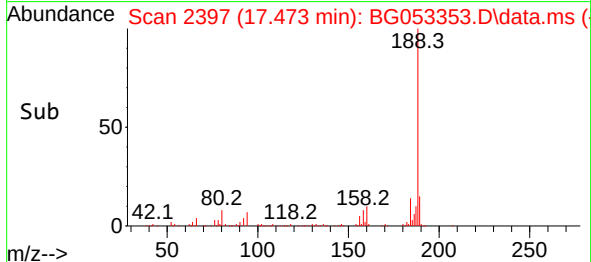
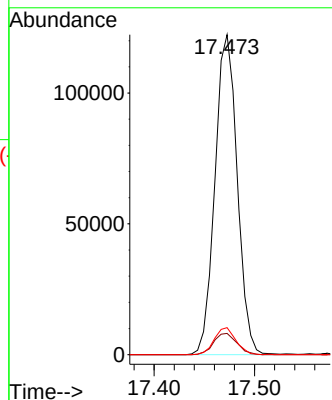
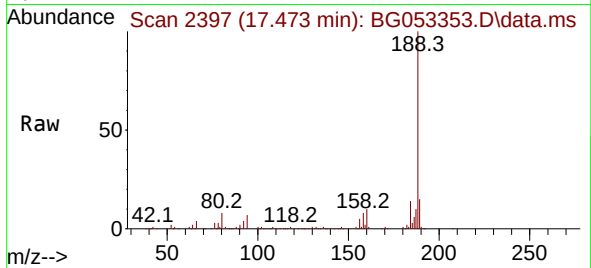




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.473 min Scan# 2187
Delta R.T. -0.011 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

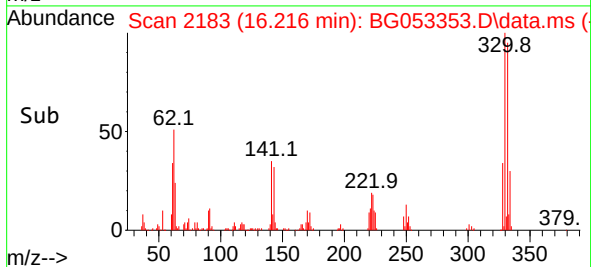
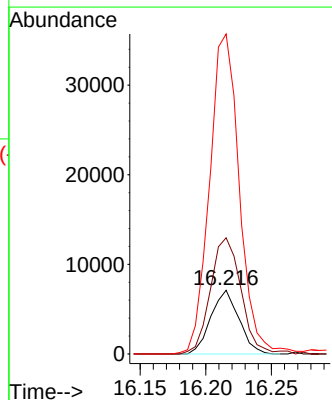
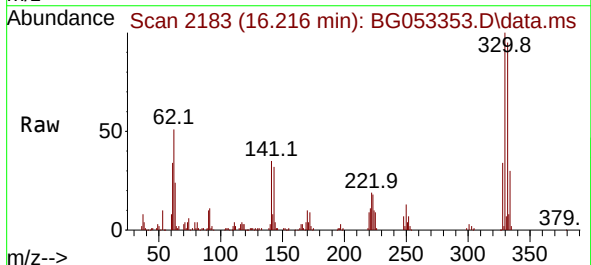
Instrument :
BNA_G
ClientSampleId :
MW-25R

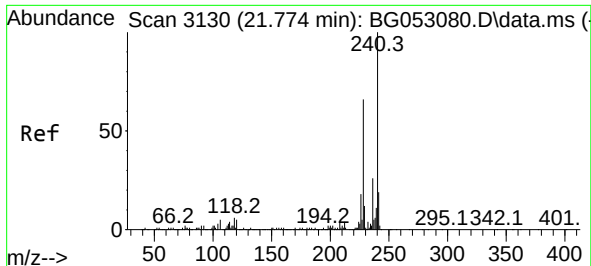
Tgt Ion:188 Resp: 188187
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 8.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.391 ng
RT: 16.216 min Scan# 2183
Delta R.T. -0.445 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion:248 Resp: 10587
Ion Ratio Lower Upper
248 100
250 182.5 77.9 116.9#
141 503.0 49.2 73.8#

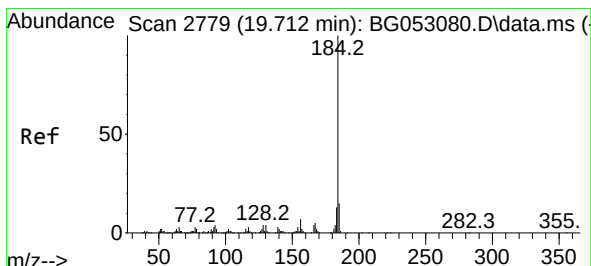
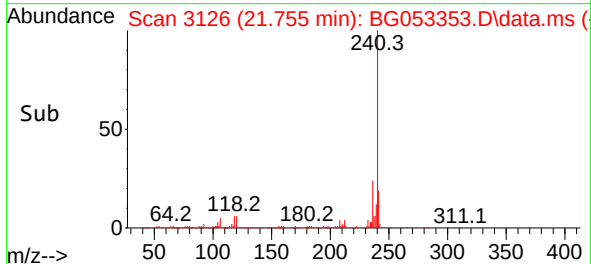
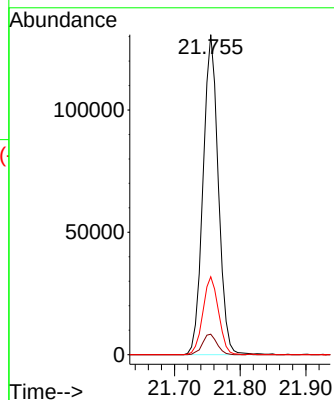
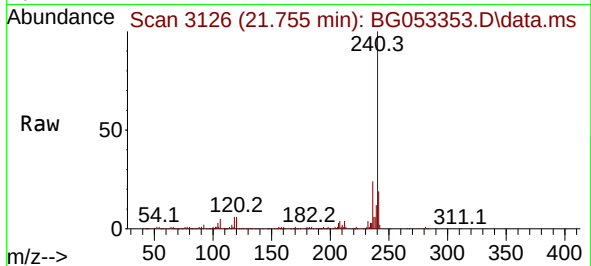




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

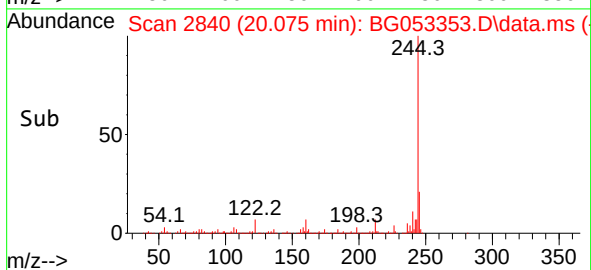
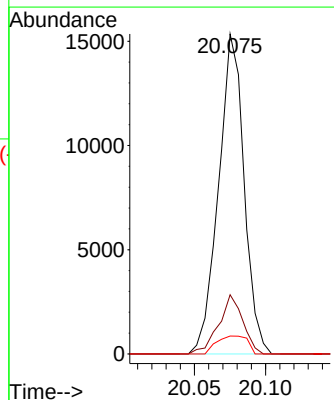
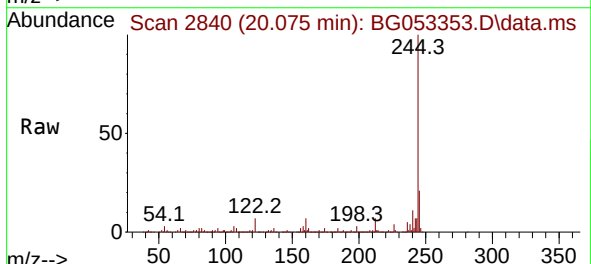
Instrument :
BNA_G
ClientSampleId :
MW-25R

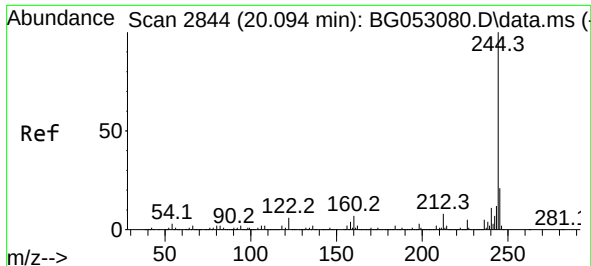
Tgt Ion:240 Resp: 211773
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.3 19.8 29.6



#77
Benzidine
Concen: 3.170 ng
RT: 20.075 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG053353.D
Acq: 27 Apr 2022 18:45

Tgt Ion:184 Resp: 19151
Ion Ratio Lower Upper
184 100
185 18.5 11.5 17.3#
183 5.6 9.4 14.2#

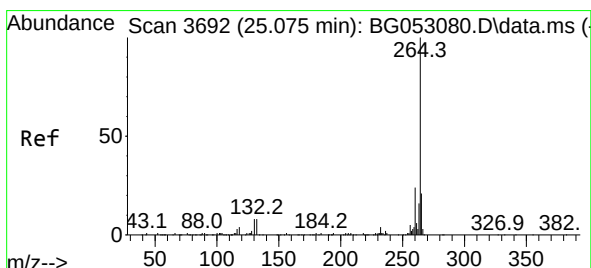
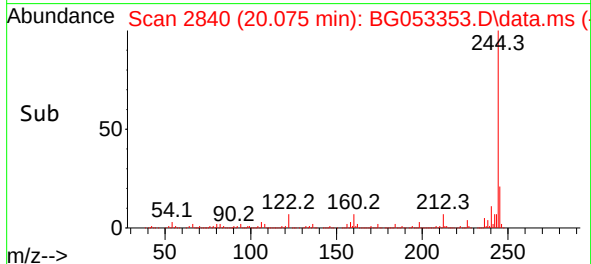
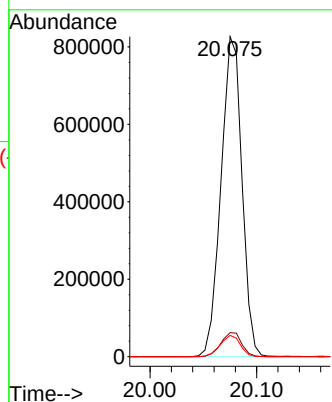
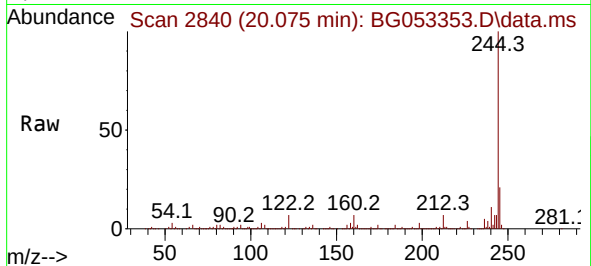




#79
 Terphenyl-d14
 Concen: 89.702 ng
 RT: 20.075 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053353.D
 Acq: 27 Apr 2022 18:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

Tgt Ion:244 Resp: 1124786
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.051 min Scan# 3687
 Delta R.T. -0.011 min
 Lab File: BG053353.D
 Acq: 27 Apr 2022 18:45

Tgt Ion:264 Resp: 210647
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 22.9 15.1 22.7#

