

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053348.D
 Acq On : 27 Apr 2022 15:31
 Operator : CG/JU
 Sample : N2481-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Apr 28 06:40:57 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)

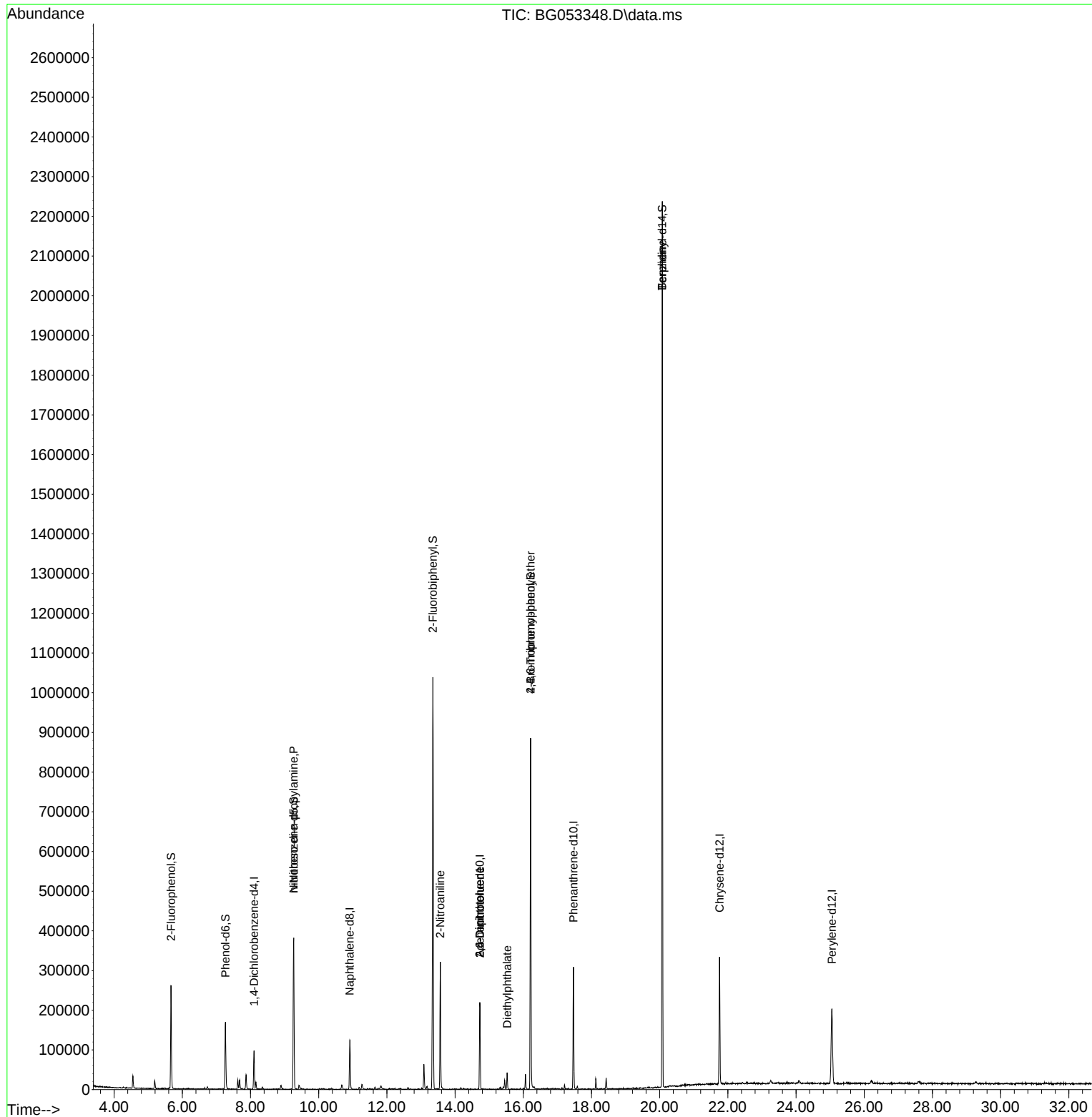
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	26767	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	104875	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	78388	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	199918	20.000	ng	0.00
76) Chrysene-d12	21.756	240	212713	20.000	ng	0.00
86) Perylene-d12	25.052	264	213360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	110628	70.847	ng	0.00
7) Phenol-d6	7.264	99	96647	40.136	ng	0.00
23) Nitrobenzene-d5	9.267	82	247286	95.739	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	184570	147.997	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	537025	94.467	ng	0.00
79) Terphenyl-d14	20.076	244	1134911	90.110	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.267	70	33927	19.245	ng	# 81
48) 2-Nitroaniline	13.562	65	10425	6.100	ng	# 17
51) 2,6-Dinitrotoluene	14.725	165	10039	7.675	ng	# 26
57) 2,4-Dinitrotoluene	14.725	165	10039	5.391	ng	# 25
60) Diethylphthalate	15.529	149	23031	3.506	ng	# 96
67) 4-Bromophenyl-phenylether	16.217	248	11740	4.583	ng	# 1
77) Benizidine	20.076	184	18821	3.101	ng	# 92

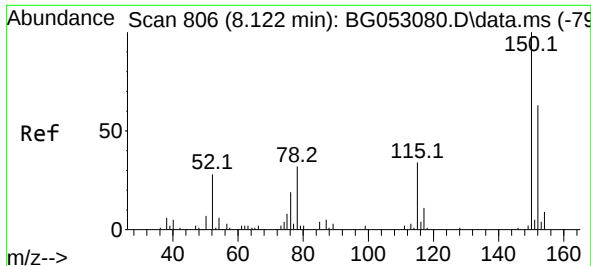
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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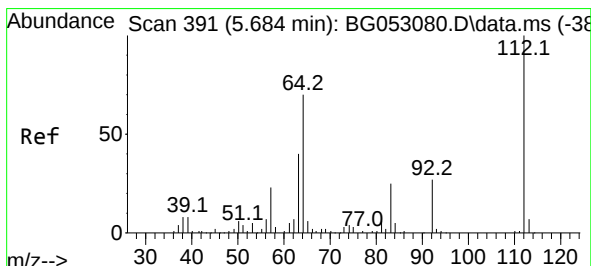
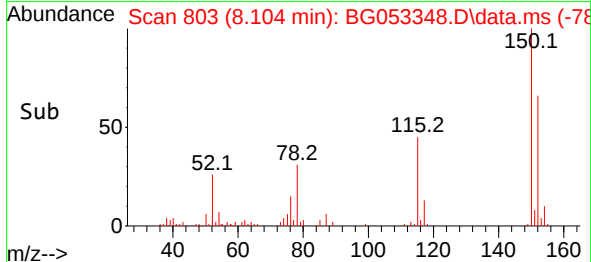
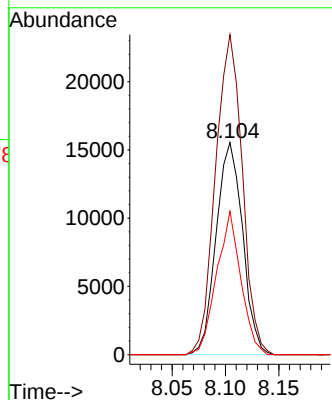
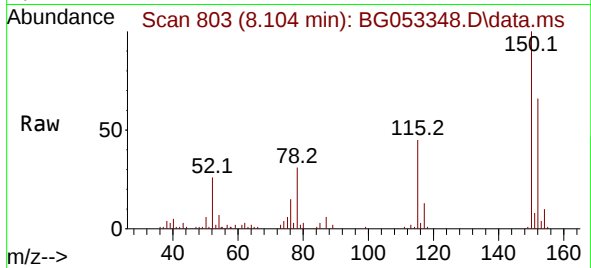




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

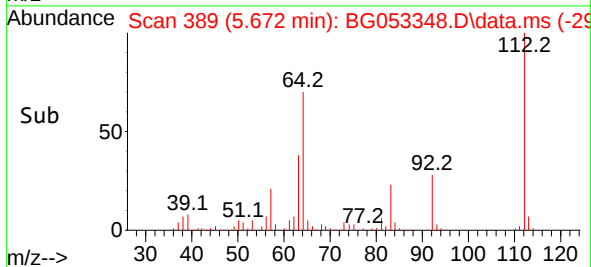
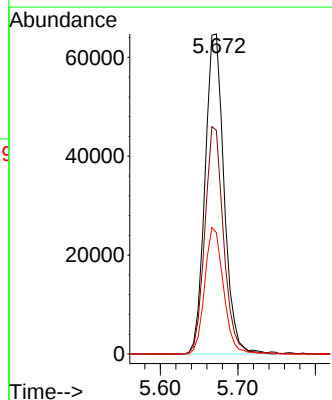
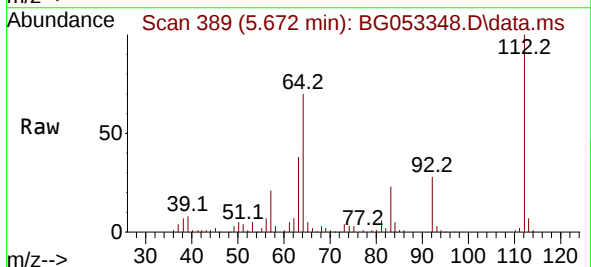
Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 26767
Ion Ratio Lower Upper
152 100
150 150.8 114.6 172.0
115 67.6 45.9 68.9



#5
2-Fluorophenol
Concen: 70.847 ng
RT: 5.672 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion:112 Resp: 110628
Ion Ratio Lower Upper
112 100
64 69.9 48.0 72.0
63 38.0 26.5 39.7

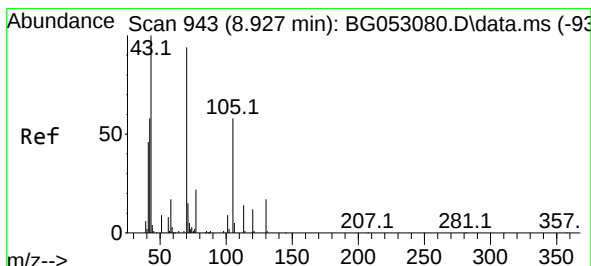
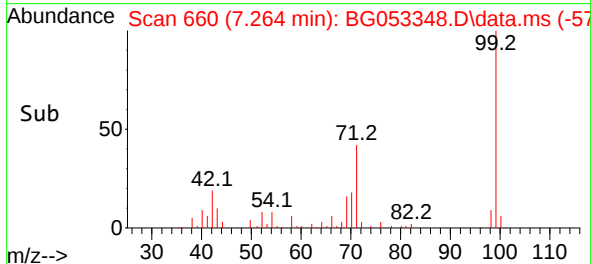
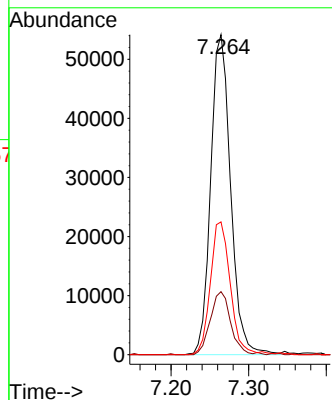
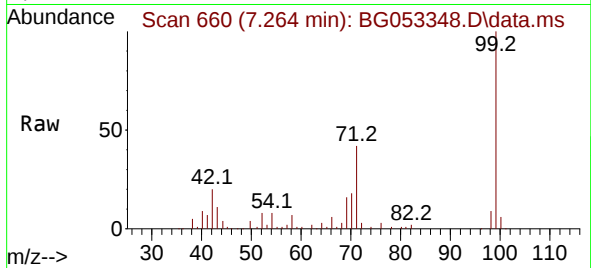




#7
Phenol-d6
Concen: 40.136 ng
RT: 7.264 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

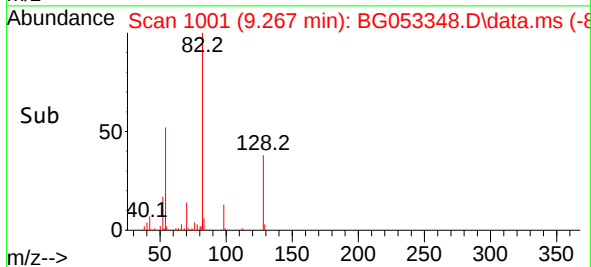
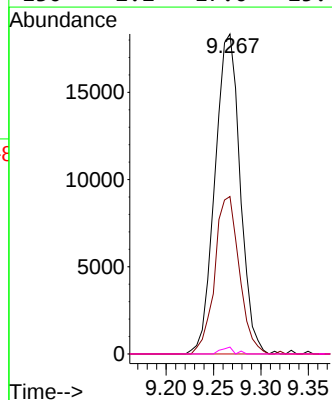
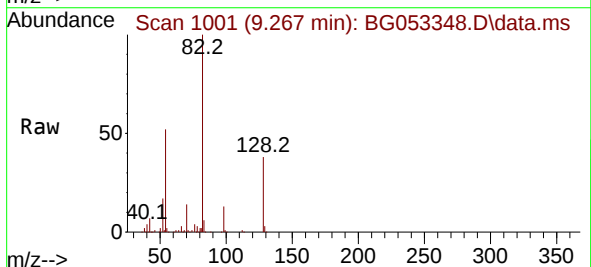
Instrument :
BNA_G
ClientSampleId :
MW-24

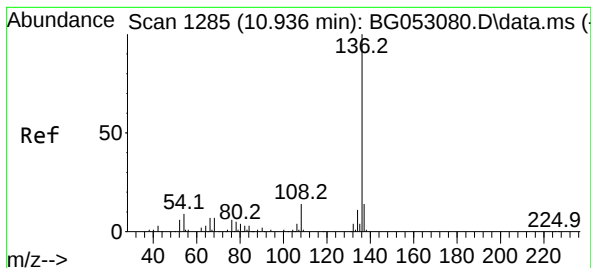
Tgt Ion: 99 Resp: 96647
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 41.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.245 ng
RT: 9.267 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion: 70 Resp: 33927
Ion Ratio Lower Upper
70 100
42 49.2 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#



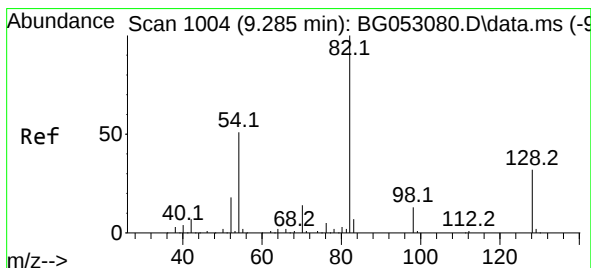
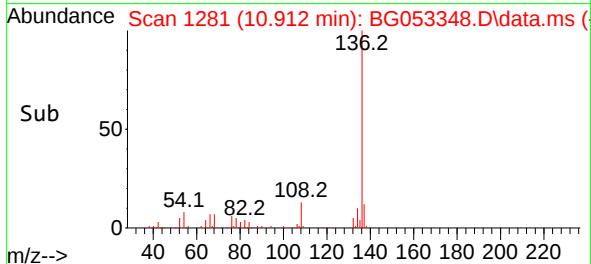
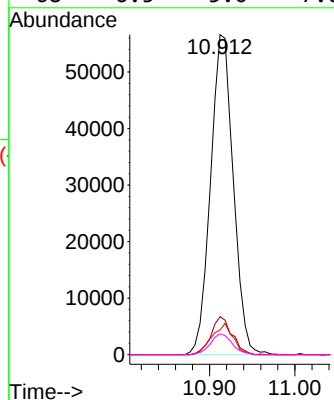
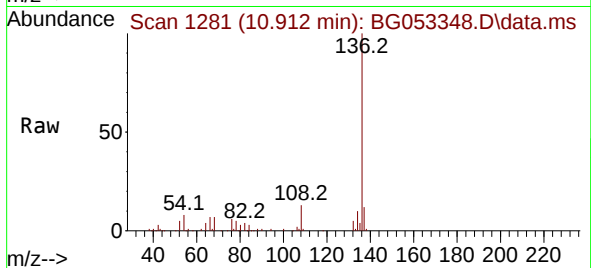


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:136 Resp: 104875

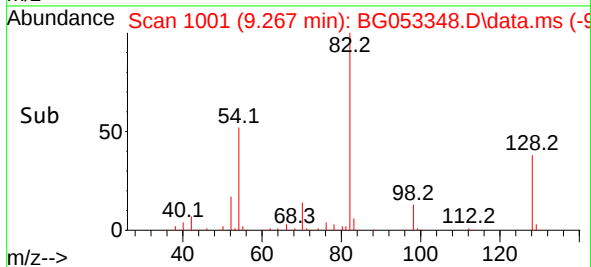
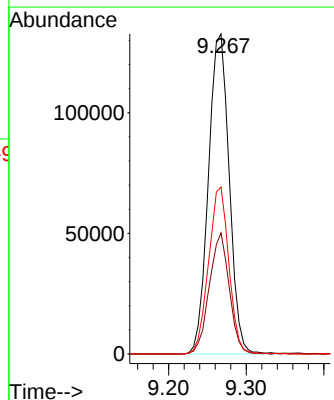
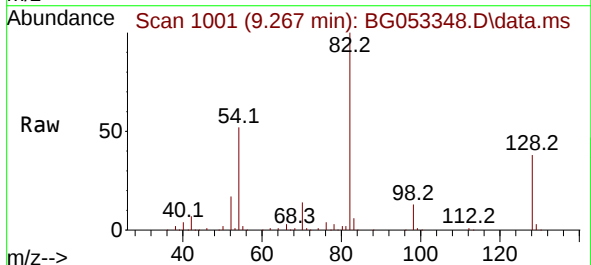
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	7.7	6.4	9.6
68	6.5	5.0	7.6

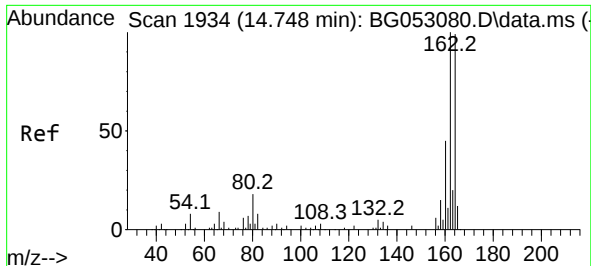


#23
Nitrobenzene-d5
Concen: 95.739 ng
RT: 9.267 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion: 82 Resp: 247286

Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.3	46.9
54	52.2	37.8	56.8

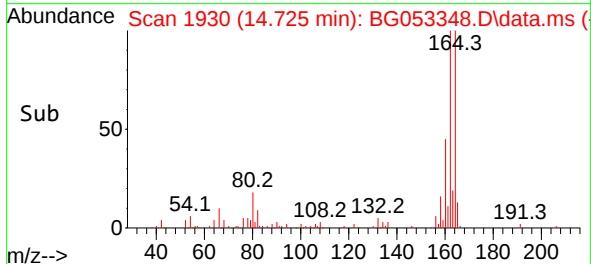
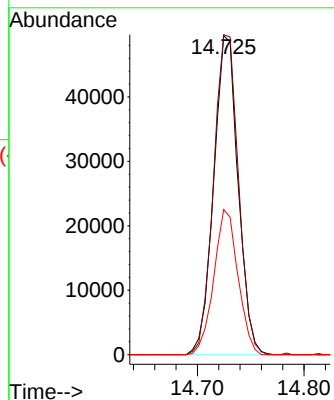
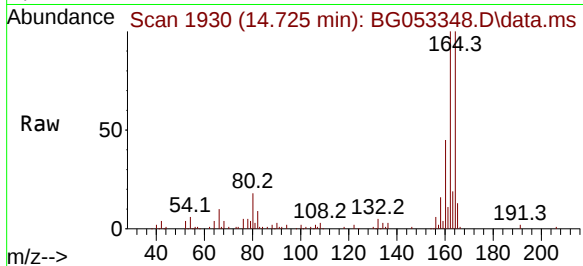




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

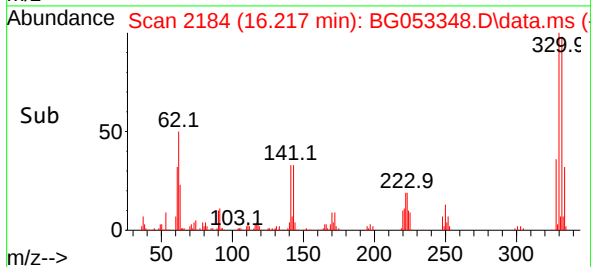
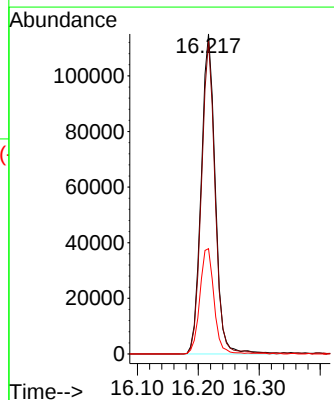
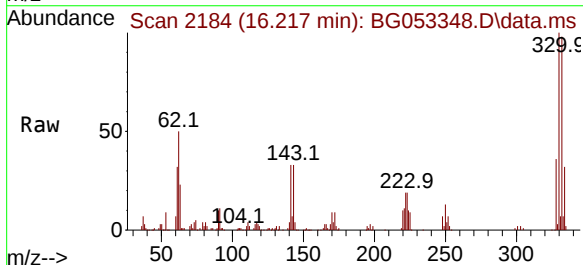
Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:164	Resp:	78388
Ion Ratio	Lower	Upper
164	100	
162	100.4	80.0 120.0
160	45.5	38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 147.997 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion:330	Resp:	184570
Ion Ratio	Lower	Upper
330	100	
332	94.5	75.8 113.6
141	33.4	24.6 36.8

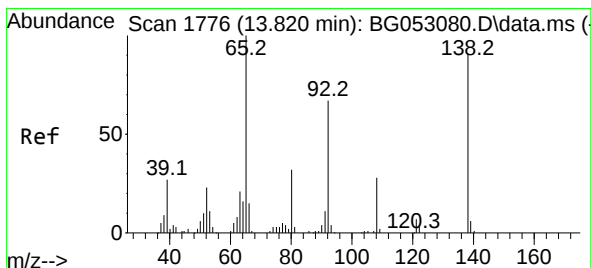
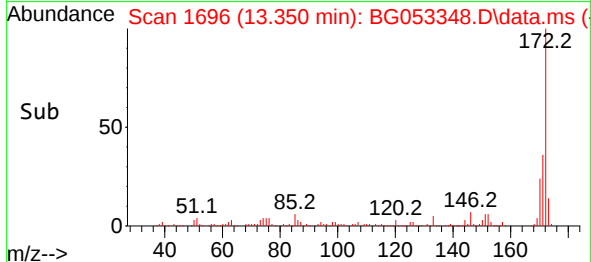
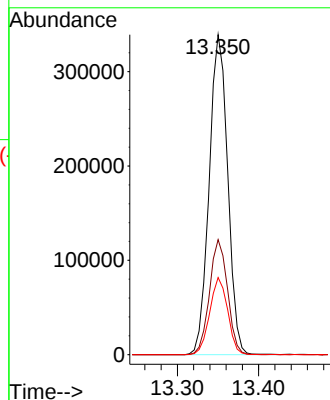
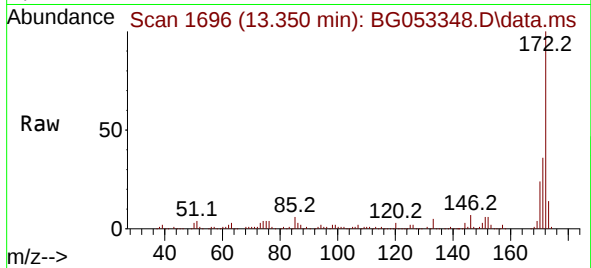




#45
2-Fluorobiphenyl
Concen: 94.467 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

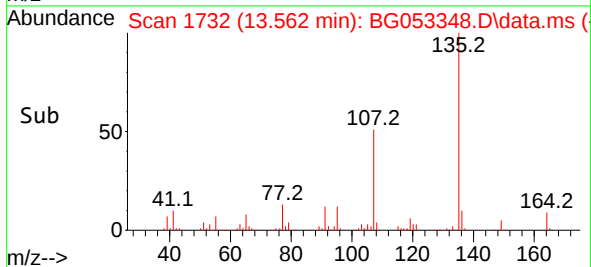
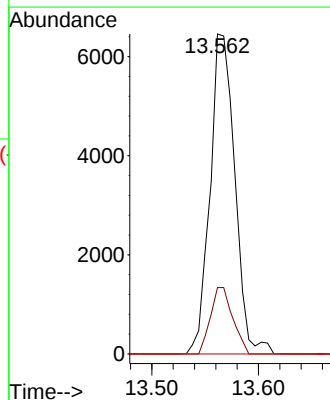
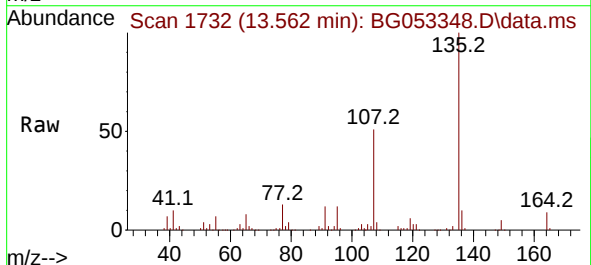
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ClientSampleId :
MW-24

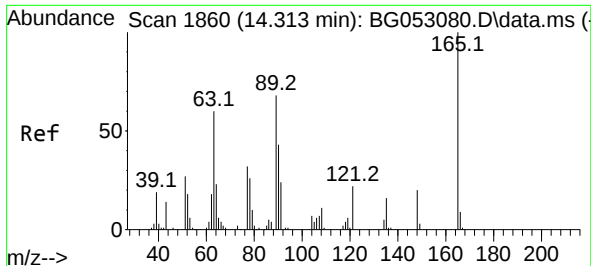
Tgt Ion:172 Resp: 537025
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 24.1 18.0 27.0



#48
2-Nitroaniline
Concen: 6.100 ng
RT: 13.562 min Scan# 1732
Delta R.T. -0.250 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion: 65 Resp: 10425
Ion Ratio Lower Upper
65 100
92 20.8 52.1 78.1#
138 0.0 80.1 120.1#

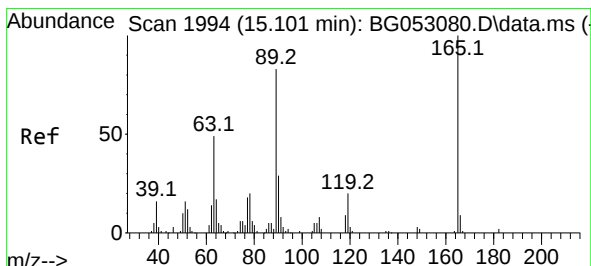
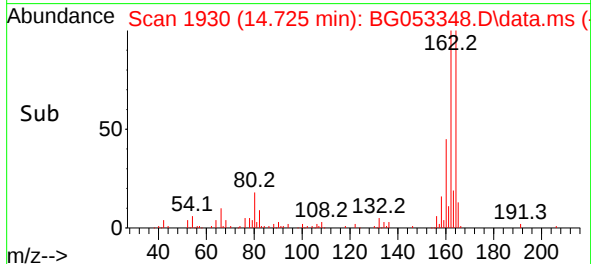
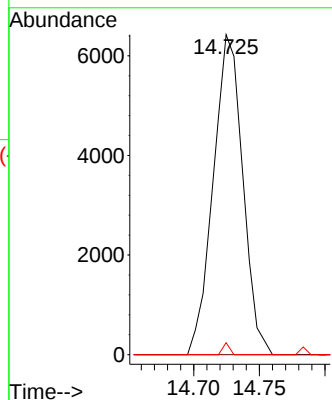
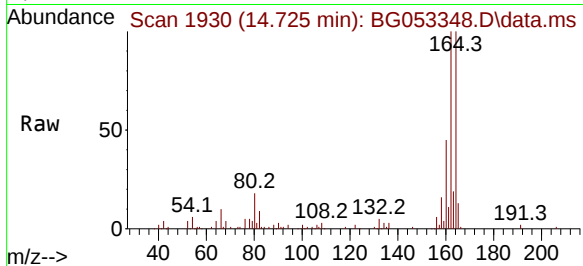




#51
2,6-Dinitrotoluene
Concen: 7.675 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

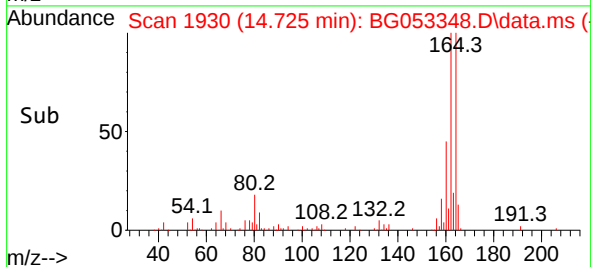
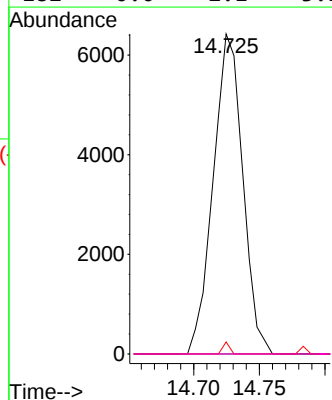
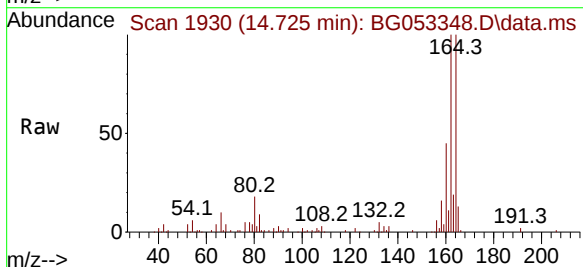
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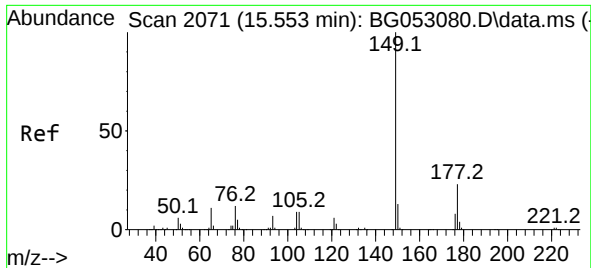
Tgt Ion:165 Resp: 10039
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.7 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.391 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.368 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion:165 Resp: 10039
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.7 57.4 86.0#
182 0.0 2.1 3.1#

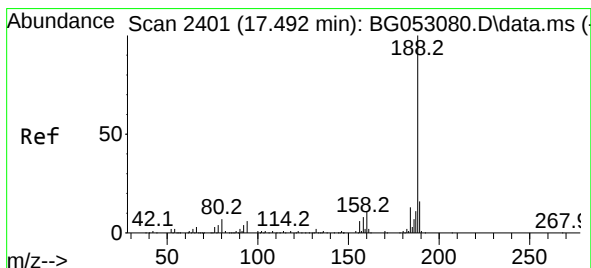
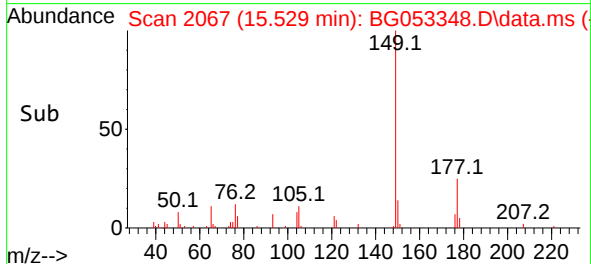
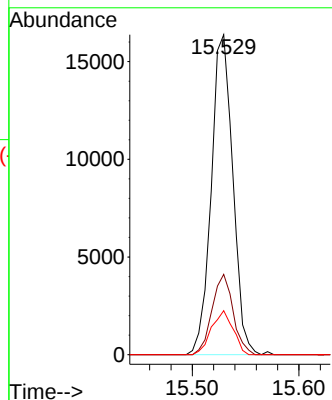
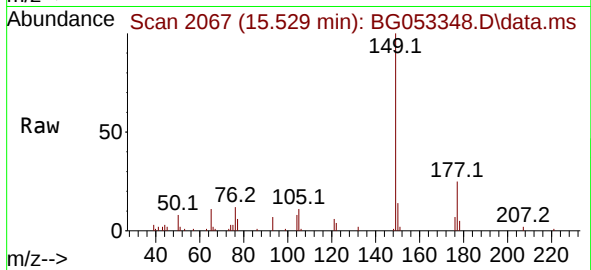




#60
Diethylphthalate
Concen: 3.506 ng
RT: 15.529 min Scan# 2071
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

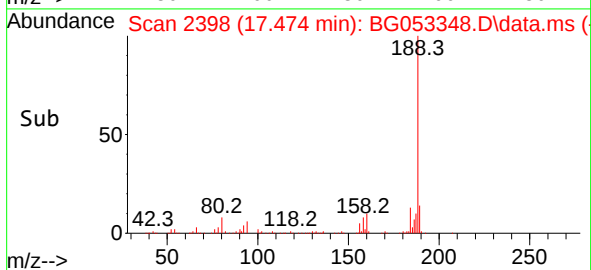
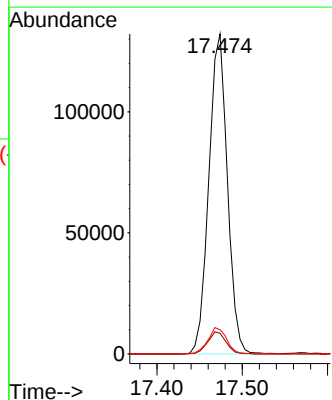
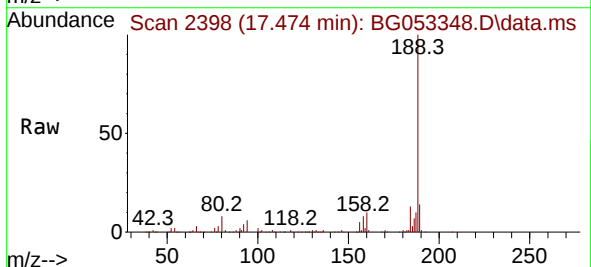
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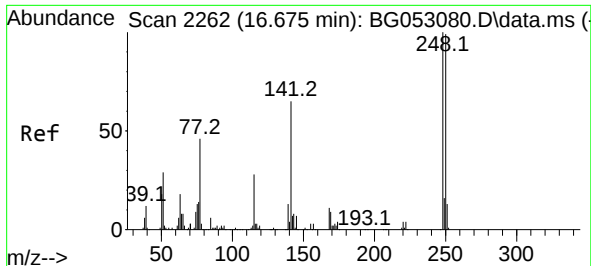
Tgt Ion:149 Resp: 23031
Ion Ratio Lower Upper
149 100
177 25.1 18.2 27.2
150 13.7 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion:188 Resp: 199918
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.6 7.2 10.8

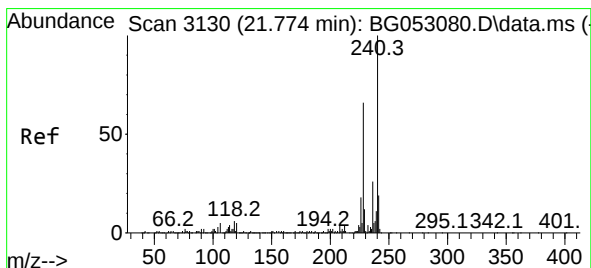
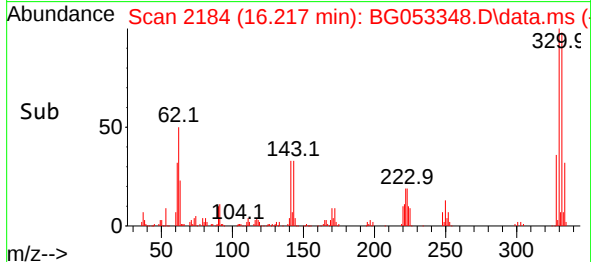
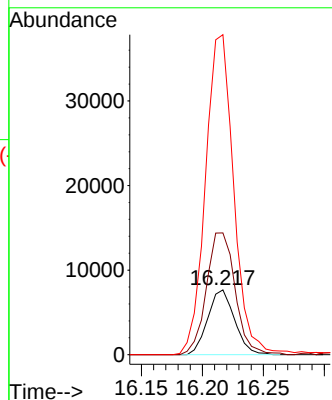
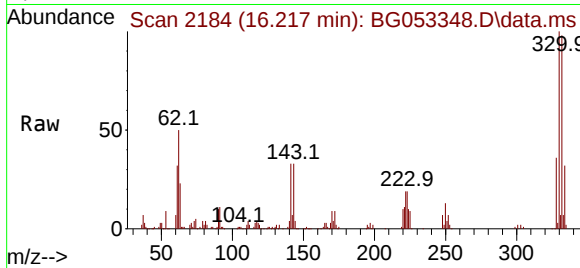




#67
4-Bromophenyl-phenylether
Concen: 4.583 ng
RT: 16.217 min Scan# 2118
Delta R.T. -0.444 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

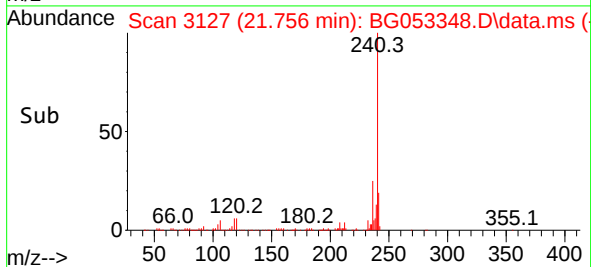
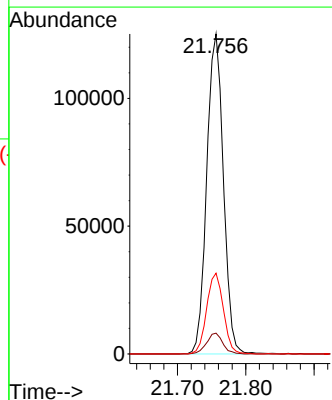
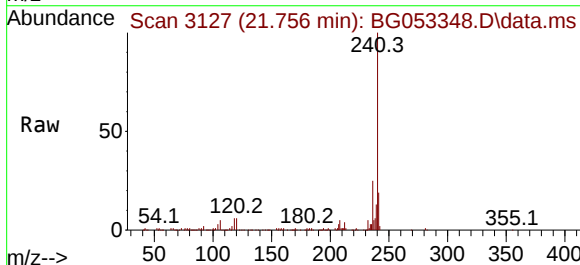
Instrument :
BNA_G
ClientSampleId :
MW-24

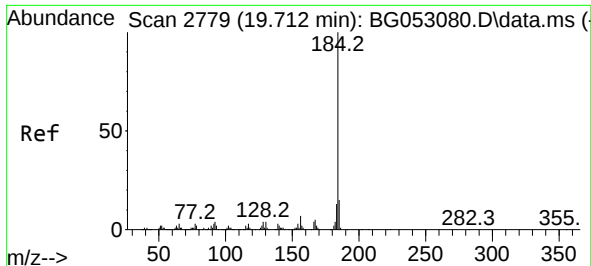
Tgt Ion:248 Resp: 11740
Ion Ratio Lower Upper
248 100
250 187.8 77.9 116.9#
141 493.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion:240 Resp: 212713
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.2 19.8 29.6

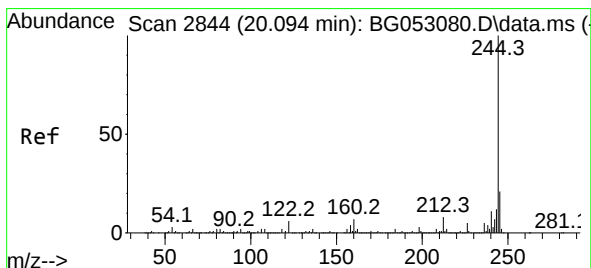
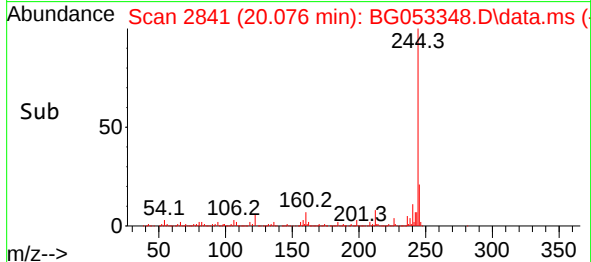
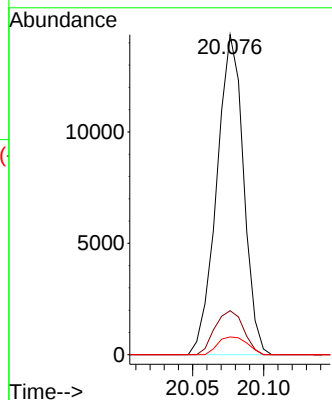
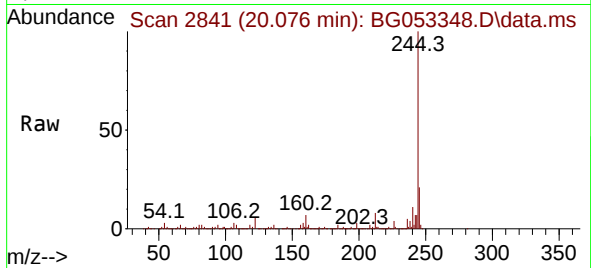




#77
Benzidine
Concen: 3.101 ng
RT: 20.076 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

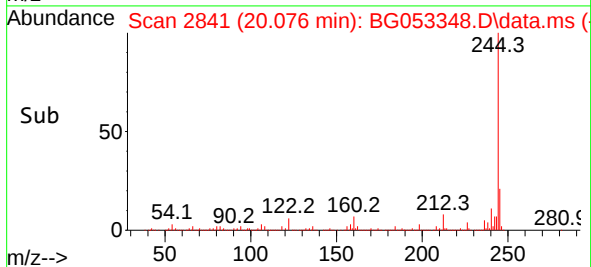
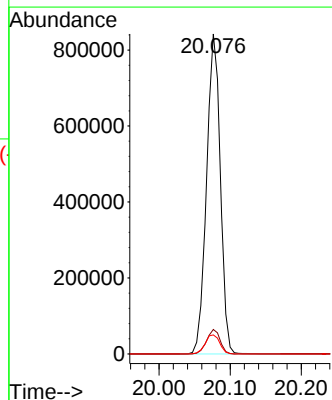
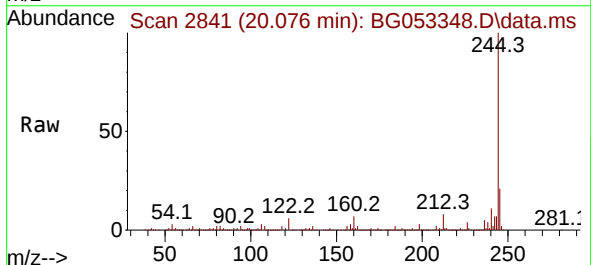
Instrument :
BNA_G
ClientSampleId :
MW-24

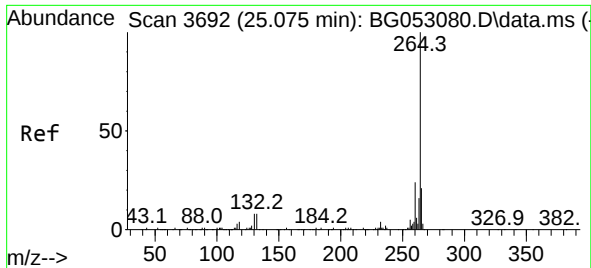
Tgt Ion:184 Resp: 18821
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 5.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 90.110 ng
RT: 20.076 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053348.D
Acq: 27 Apr 2022 15:31

Tgt Ion:244 Resp: 1134911
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.0 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG053348.D
 Acq: 27 Apr 2022 15:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Tgt Ion:264 Resp: 213360
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 21.1 15.1 22.7

