

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053365.D
 Acq On : 28 Apr 2022 14:11
 Operator : CG/JU
 Sample : N2482-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Apr 29 03:21:32 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)

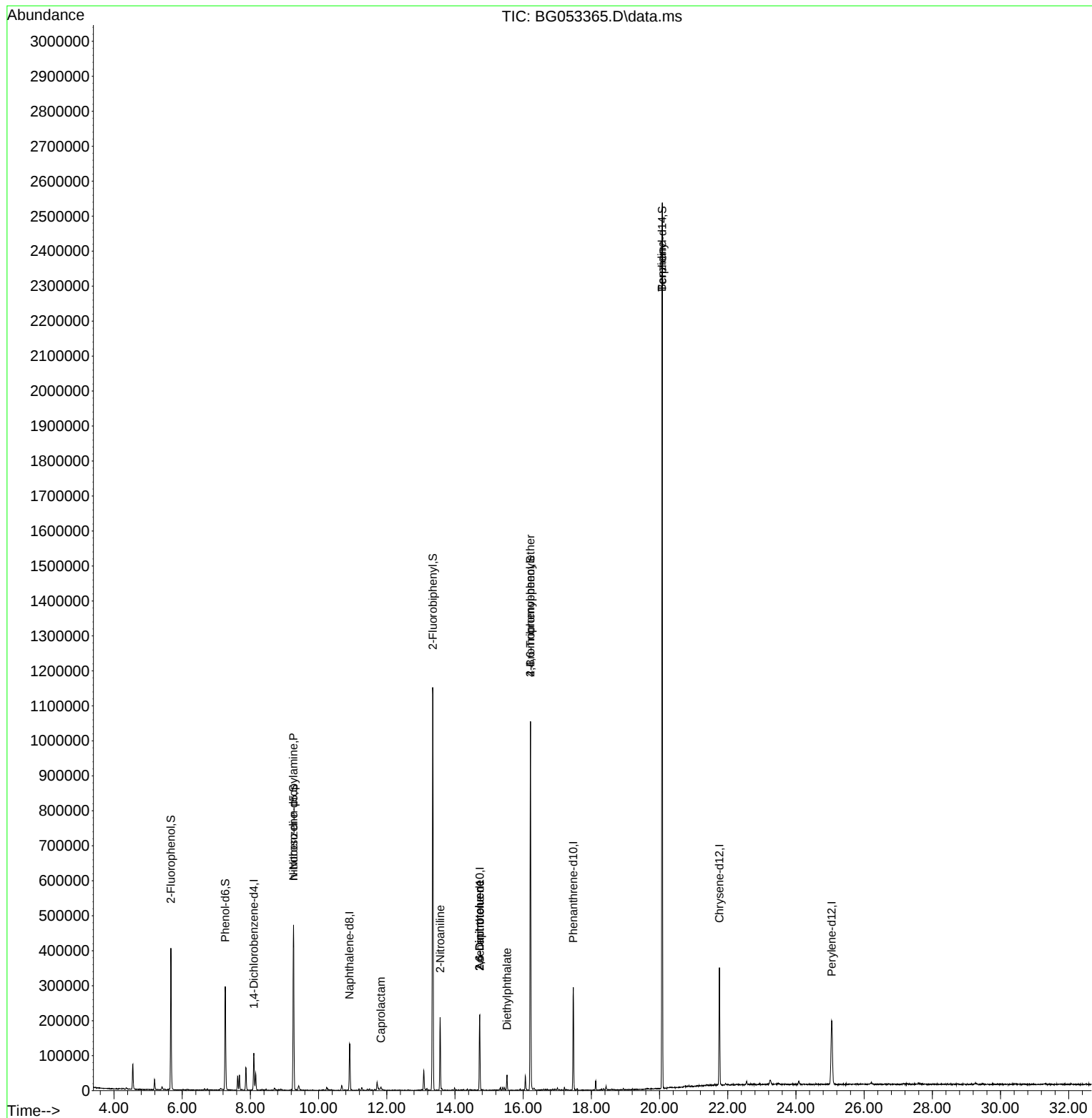
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	27895	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	108237	20.000	ng	-0.01
39) Acenaphthene-d10	14.728	164	78271	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	192884	20.000	ng	-0.01
76) Chrysene-d12	21.754	240	214899	20.000	ng	-0.01
86) Perylene-d12	25.050	264	213360	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	166473	102.300	ng	0.00
7) Phenol-d6	7.262	99	170033	67.756	ng	-0.01
23) Nitrobenzene-d5	9.265	82	301002	112.916	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	214475	172.233	ng	-0.01
45) 2-Fluorobiphenyl	13.354	172	623212	109.792	ng	0.00
79) Terphenyl-d14	20.080	244	1325968	104.209	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.265	70	42191	22.965	ng	# 77
35) Caprolactam	11.832	113	1474	2.142	ng	# 84
48) 2-Nitroaniline	13.565	65	6639	3.890	ng	# 18
51) 2,6-Dinitrotoluene	14.723	165	10511	8.048	ng	# 24
57) 2,4-Dinitrotoluene	14.723	165	10511	5.653	ng	# 22
60) Diethylphthalate	15.527	149	23582	3.595	ng	# 97
67) 4-Bromophenyl-phenylether	16.215	248	14647	5.926	ng	# 1
77) Benzidine	20.074	184	22674	3.698	ng	# 89

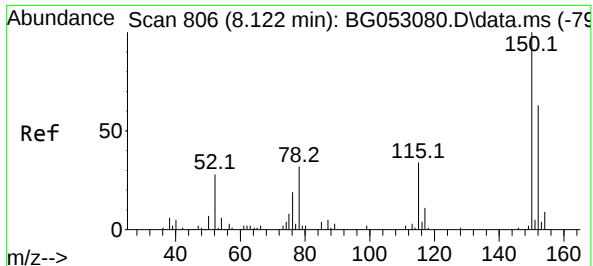
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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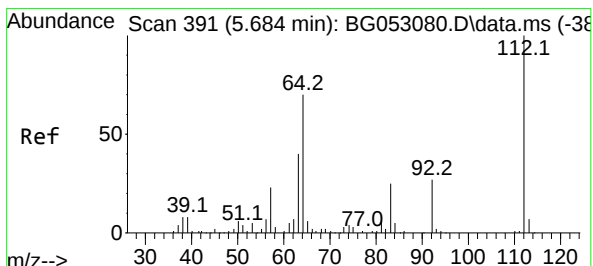
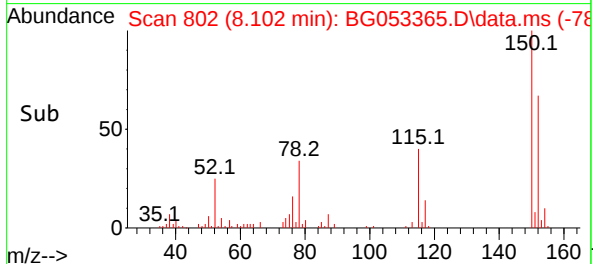
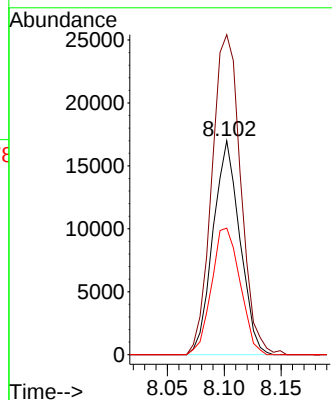
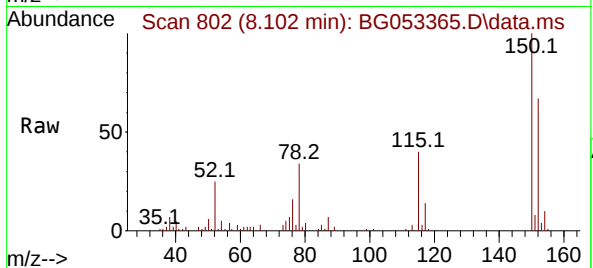




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

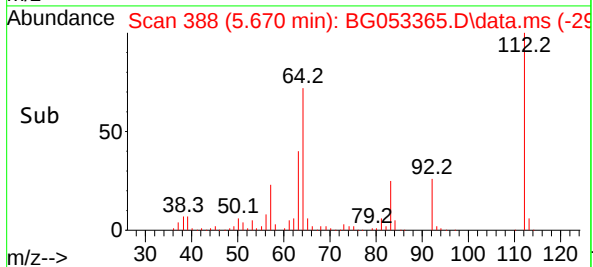
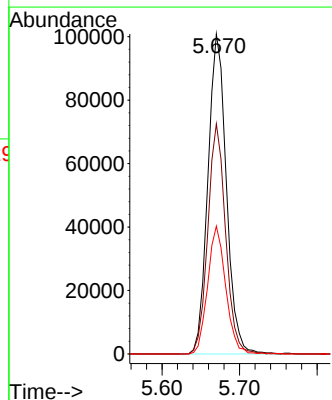
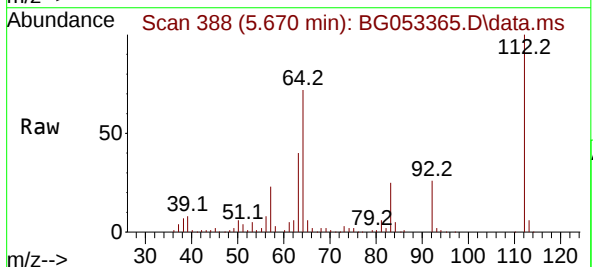
Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 27895
Ion Ratio Lower Upper
152 100
150 149.6 114.6 172.0
115 59.2 45.9 68.9



#5
2-Fluorophenol
Concen: 102.300 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion:112 Resp: 166473
Ion Ratio Lower Upper
112 100
64 71.9 48.0 72.0
63 39.9 26.5 39.7#

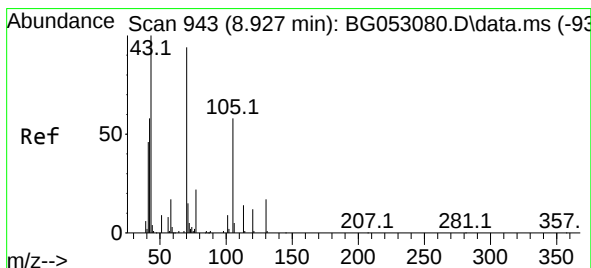
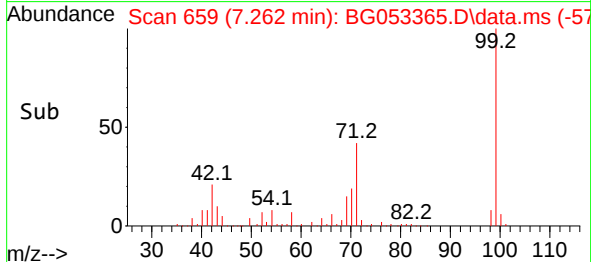
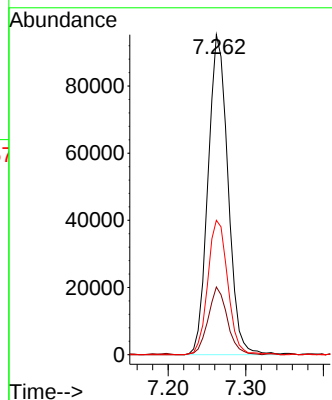
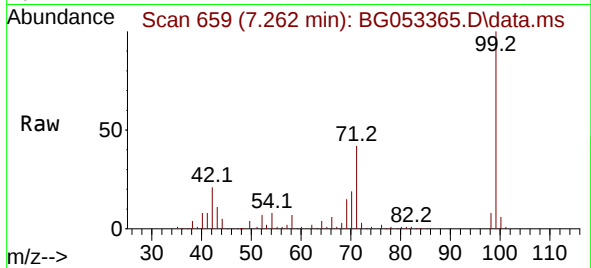




#7
Phenol-d6
Concen: 67.756 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

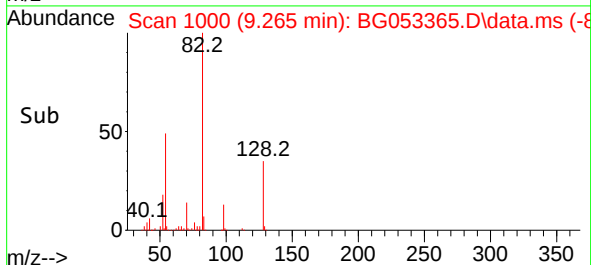
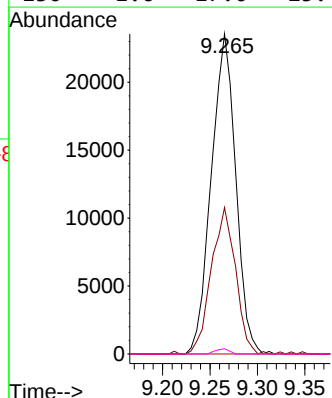
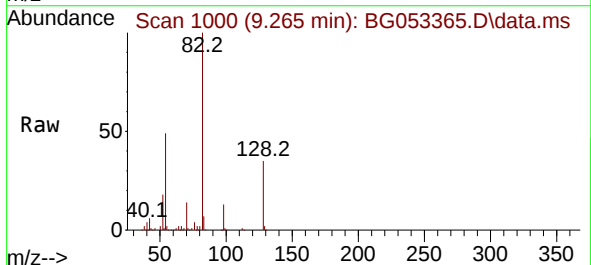
Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion: 99 Resp: 170033
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 42.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.965 ng
RT: 9.265 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion: 70 Resp: 42191
Ion Ratio Lower Upper
70 100
42 45.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

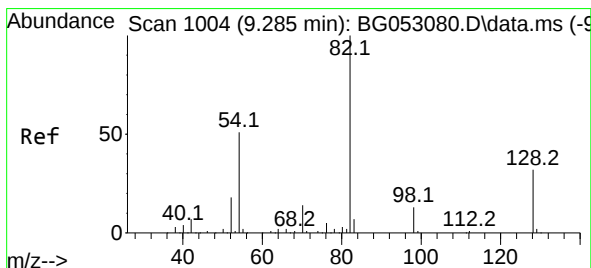
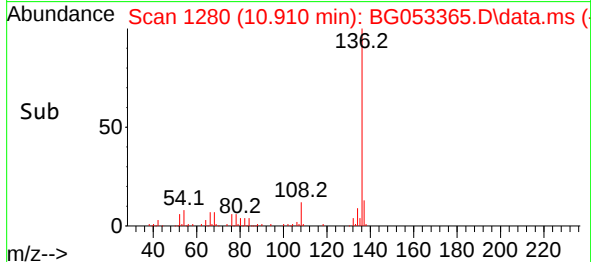
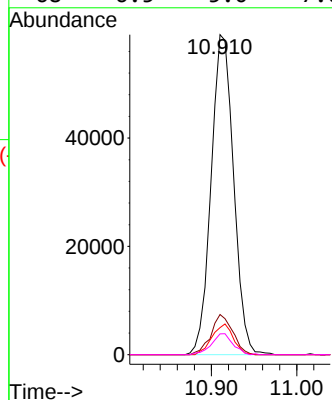
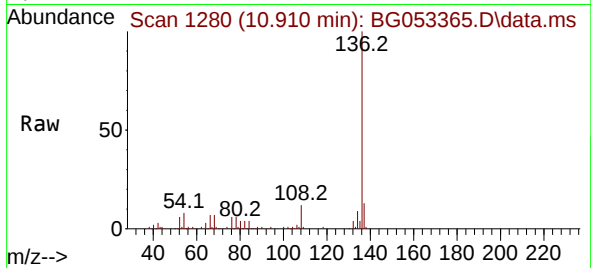




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

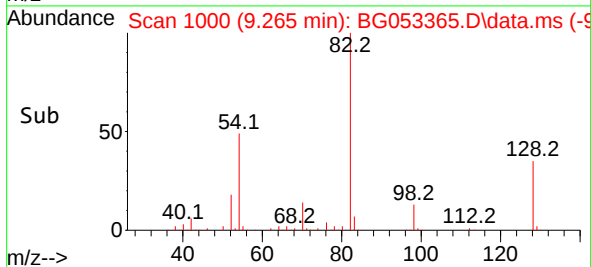
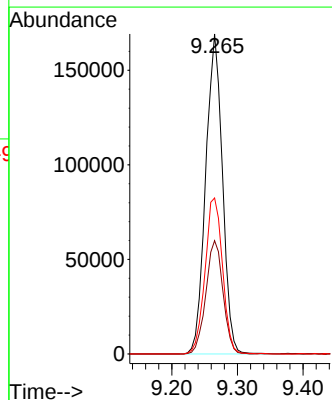
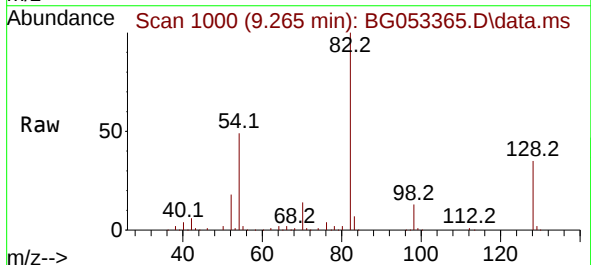
Instrument :
BNA_G
ClientSampleId :
MW-15

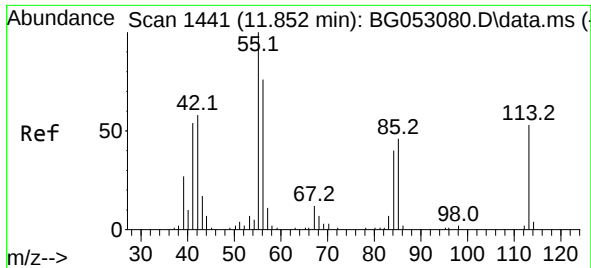
Tgt Ion:136	Resp: 108237
Ion Ratio	Lower Upper
136 100	
137 12.5	9.4 14.2
54 8.5	6.4 9.6
68 6.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 112.916 ng
RT: 9.265 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion: 82	Resp: 301002
Ion Ratio	Lower Upper
82 100	
128 35.4	31.3 46.9
54 48.7	37.8 56.8

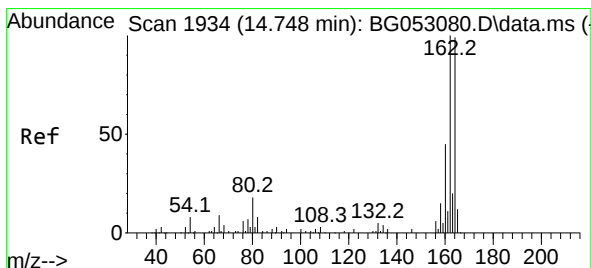
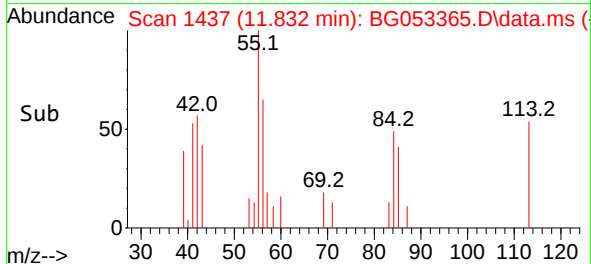
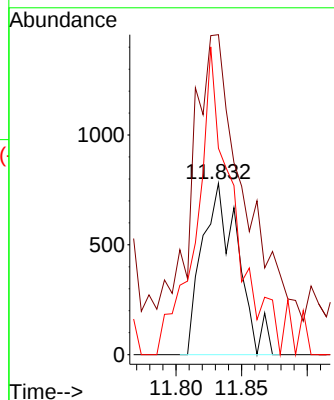
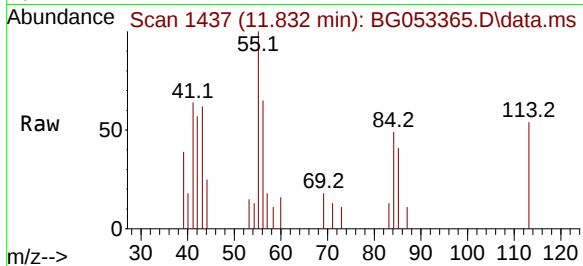




#35
 Caprolactam
 Concen: 2.142 ng
 RT: 11.832 min Scan# 1441
 Delta R.T. -0.017 min
 Lab File: BG053365.D
 Acq: 28 Apr 2022 14:11

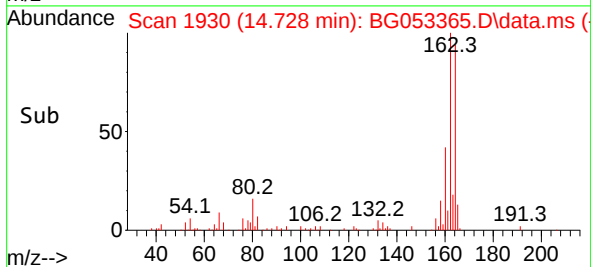
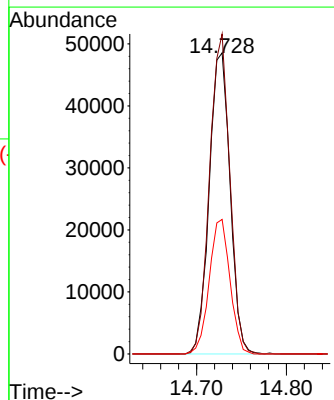
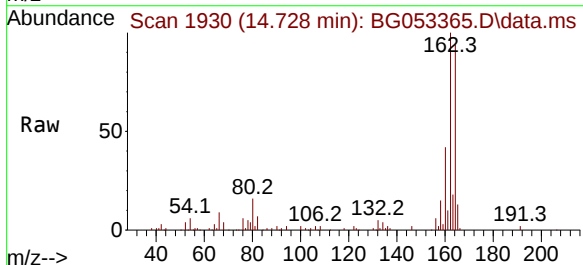
Instrument :
 BNA_G
 ClientSampleId :
 MW-15

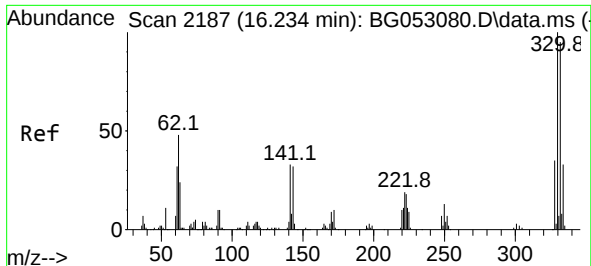
Tgt Ion:113 Resp: 1474
 Ion Ratio Lower Upper
 113 100
 55 186.8 151.3 191.3
 56 120.5 128.5 168.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.728 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BG053365.D
 Acq: 28 Apr 2022 14:11

Tgt Ion:164 Resp: 78271
 Ion Ratio Lower Upper
 164 100
 162 106.3 80.0 120.0
 160 44.7 38.8 58.2

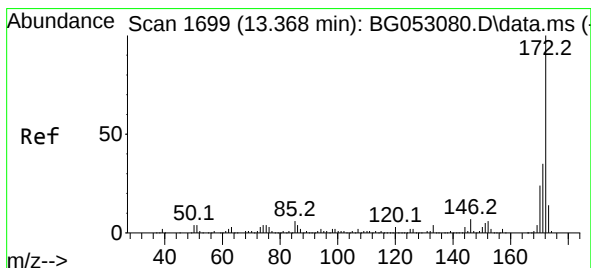
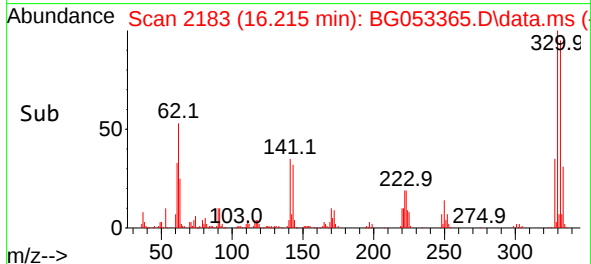
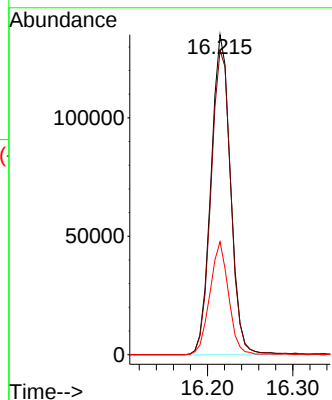
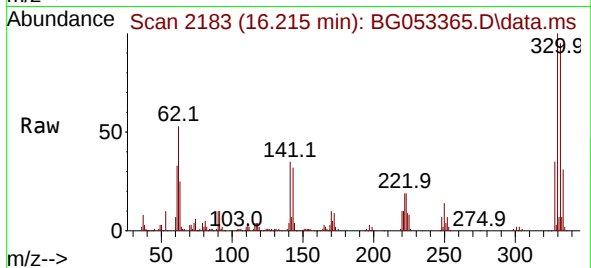




#42
2,4,6-Tribromophenol
Concen: 172.233 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

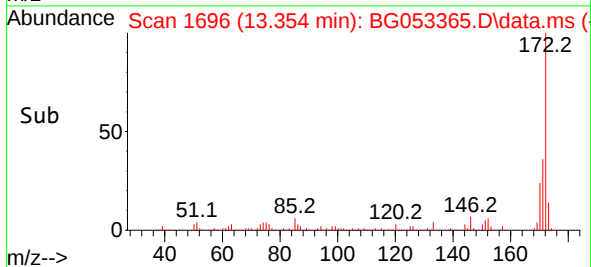
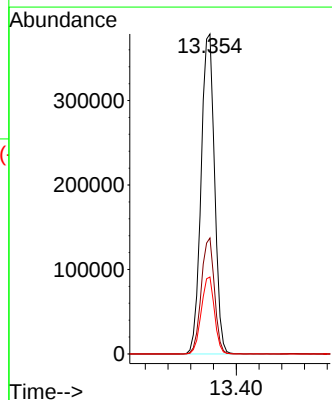
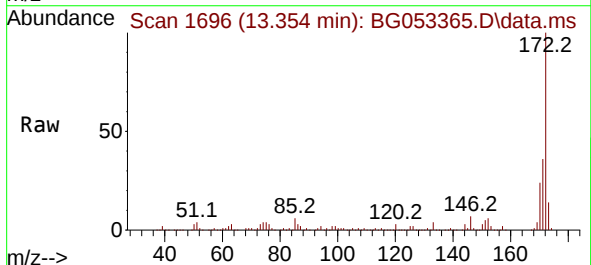
Instrument :
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ClientSampleId :
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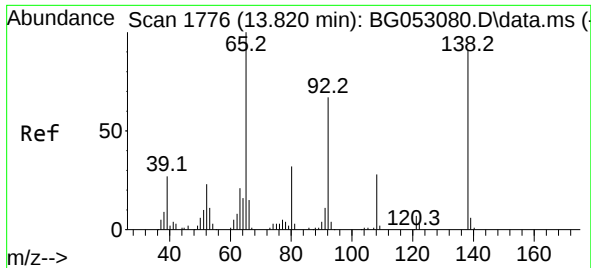
Tgt Ion:330 Resp: 214475
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 109.792 ng
RT: 13.354 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion:172 Resp: 623212
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 24.1 18.0 27.0

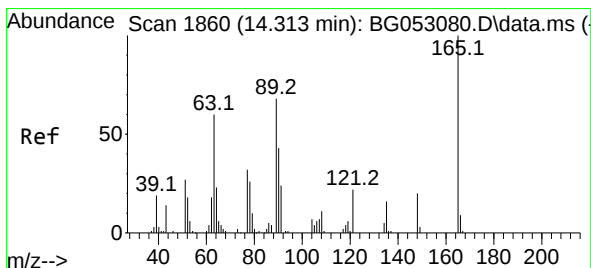
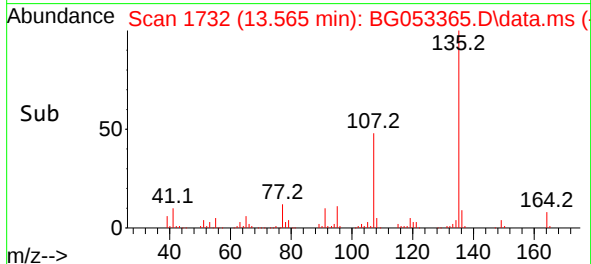
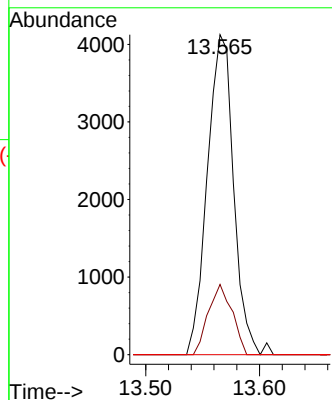
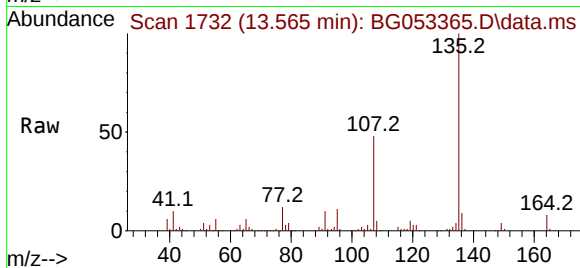




#48
2-Nitroaniline
Concen: 3.890 ng
RT: 13.565 min Scan# 1
Delta R.T. -0.246 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

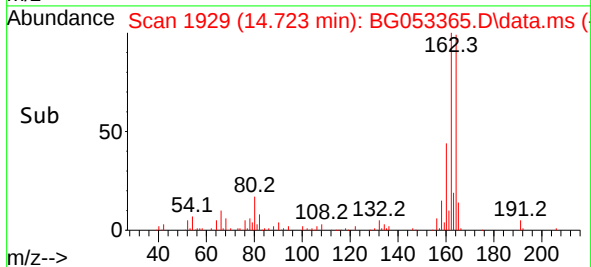
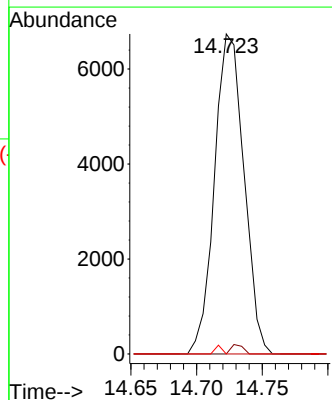
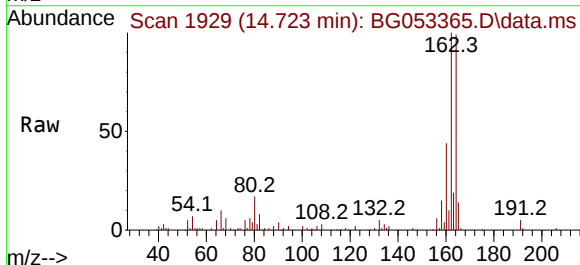
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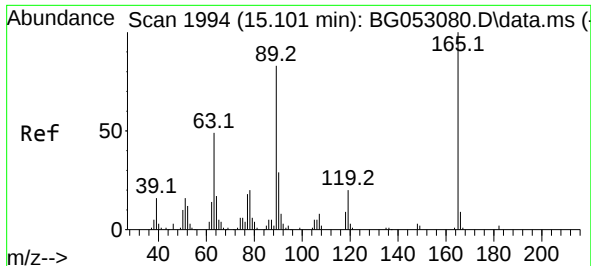
Tgt Ion: 65 Resp: 6639
Ion Ratio Lower Upper
65 100
92 21.9 52.1 78.1#
138 0.0 80.1 120.1#



#51
2,6-Dinitrotoluene
Concen: 8.048 ng
RT: 14.723 min Scan# 1929
Delta R.T. 0.417 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion:165 Resp: 10511
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

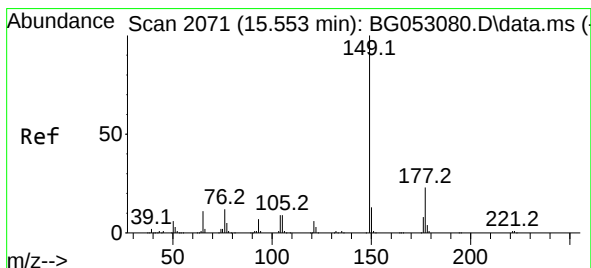
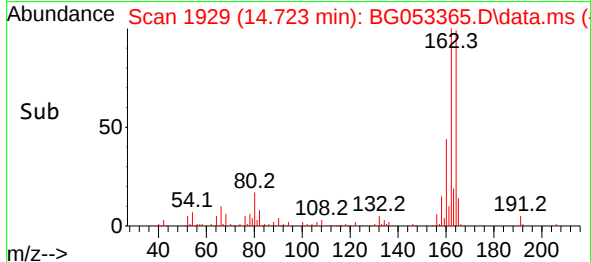
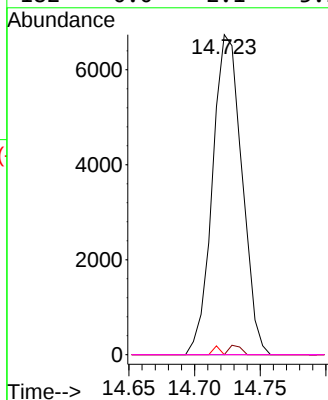
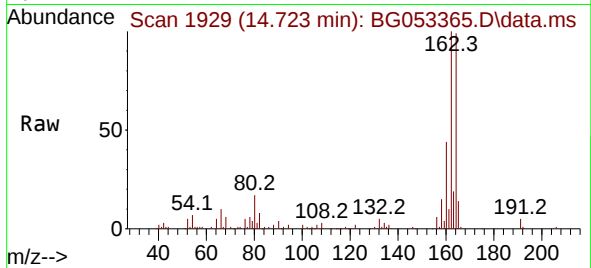




#57
2,4-Dinitrotoluene
Concen: 5.653 ng
RT: 14.723 min Scan# 1994
Delta R.T. -0.370 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

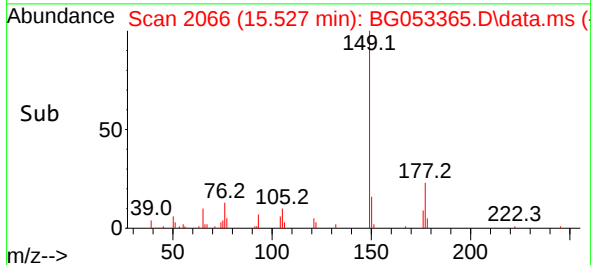
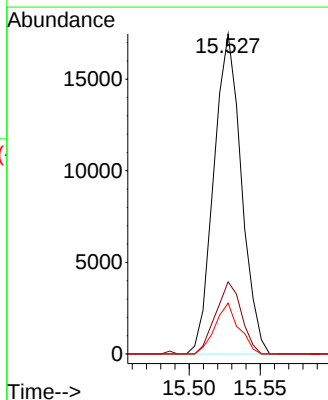
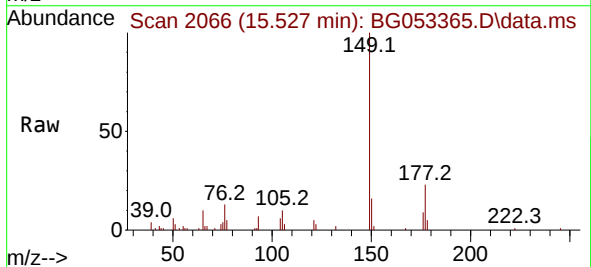
Instrument :
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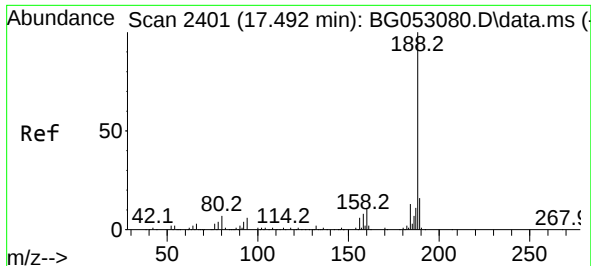
Tgt Ion:165 Resp: 10511
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 3.595 ng
RT: 15.527 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion:149 Resp: 23582
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.2
150 15.9 9.9 14.9#

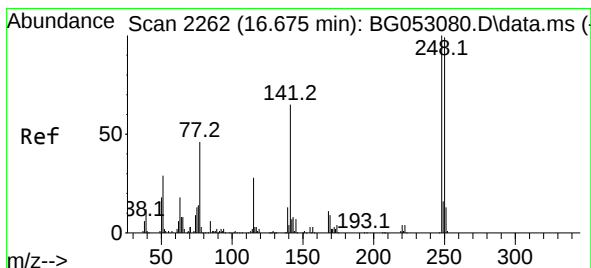
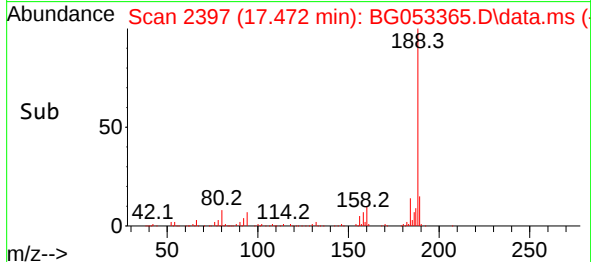
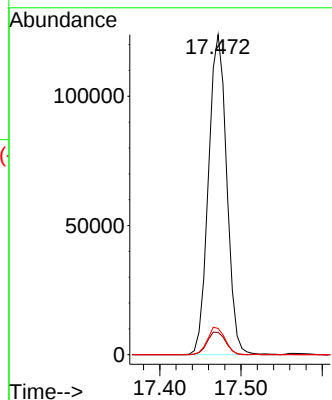
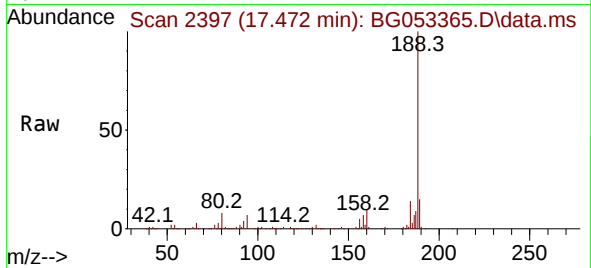




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.472 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

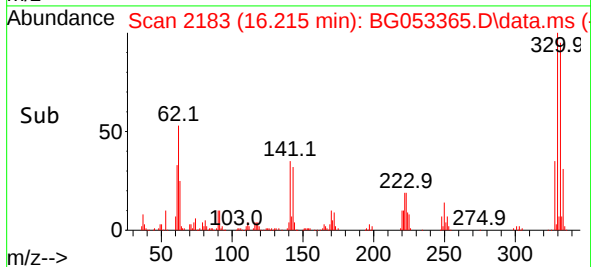
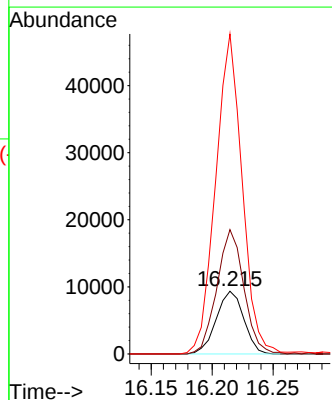
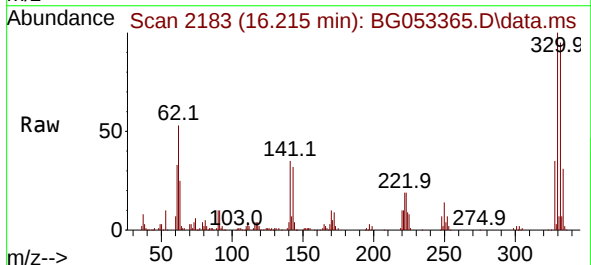
Instrument :
BNA_G
ClientSampleId :
MW-15

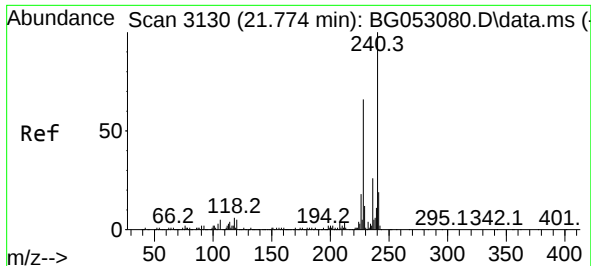
Tgt Ion:188 Resp: 192884
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.2 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.926 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.446 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion:248 Resp: 14647
Ion Ratio Lower Upper
248 100
250 198.4 77.9 116.9#
141 510.4 49.2 73.8#

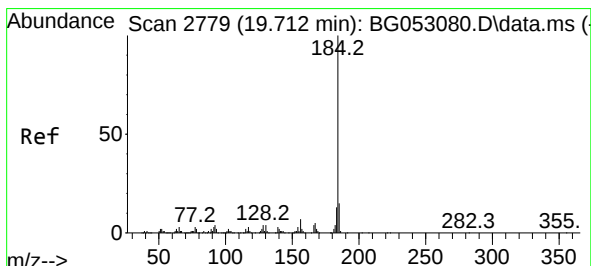
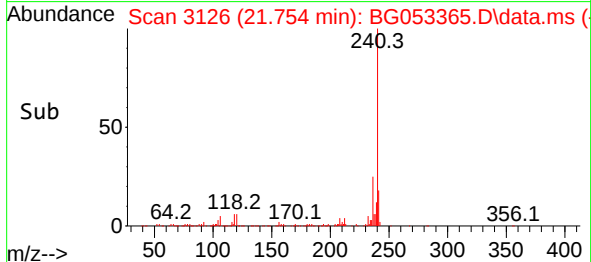
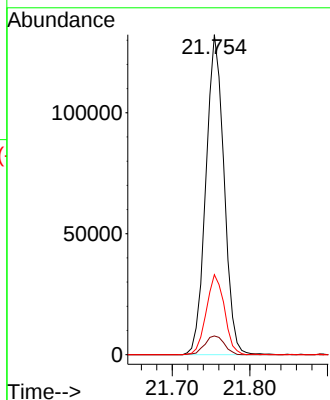
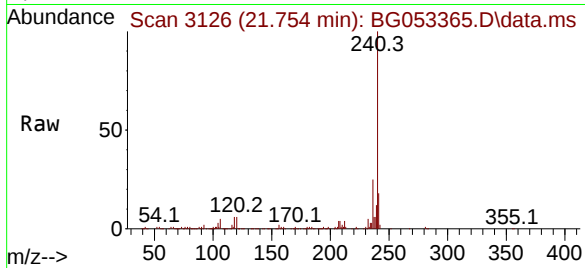




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

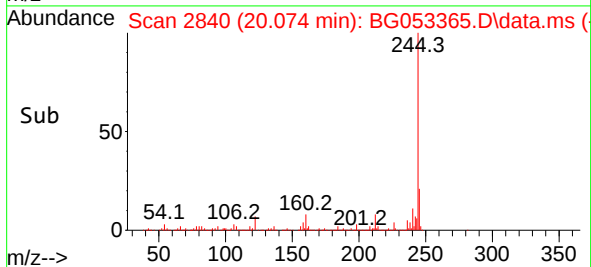
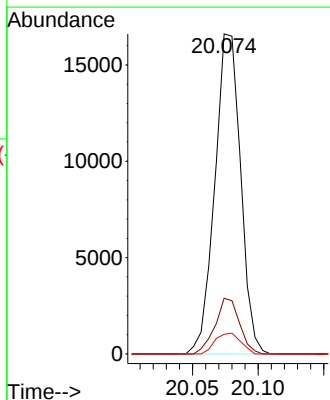
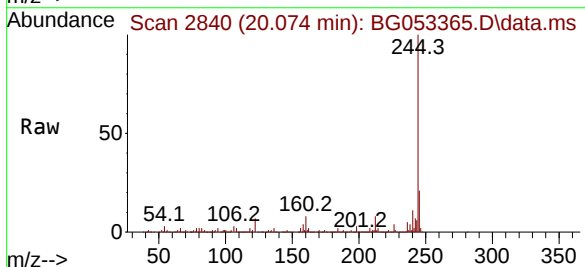
Instrument :
BNA_G
ClientSampleId :
MW-15

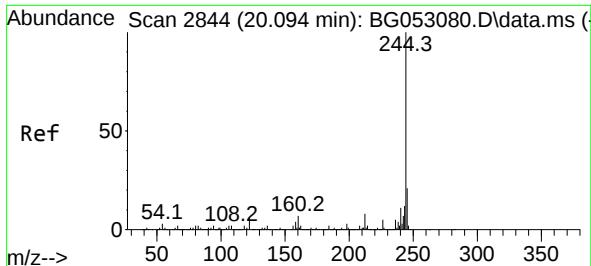
Tgt Ion:240 Resp: 214899
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 25.0 19.8 29.6



#77
Benzidine
Concen: 3.698 ng
RT: 20.074 min Scan# 2840
Delta R.T. 0.370 min
Lab File: BG053365.D
Acq: 28 Apr 2022 14:11

Tgt Ion:184 Resp: 22674
Ion Ratio Lower Upper
184 100
185 17.4 11.5 17.3#
183 6.2 9.4 14.2#

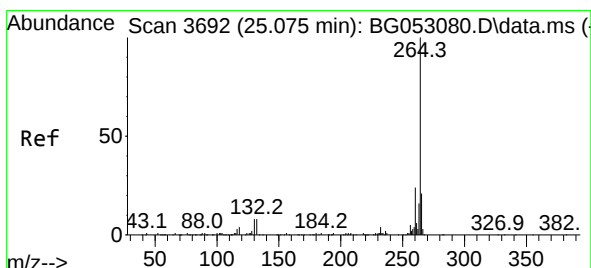
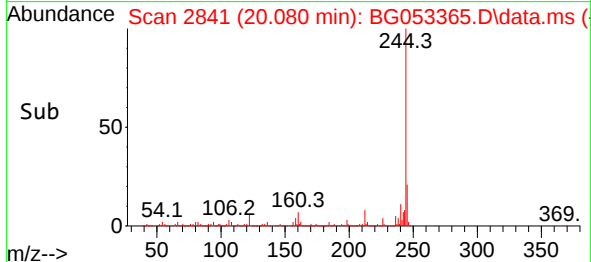
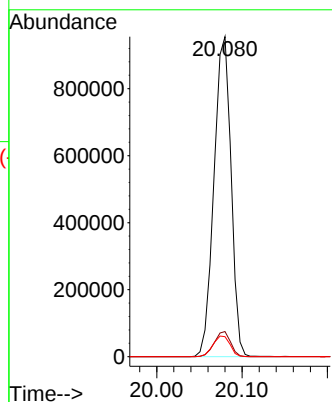
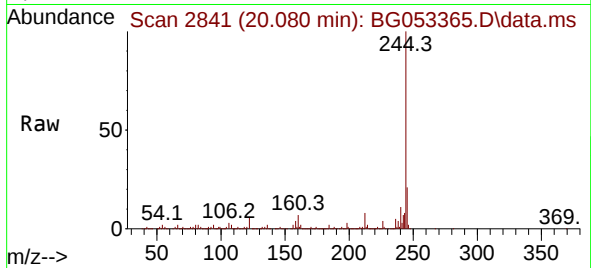




#79
 Terphenyl-d14
 Concen: 104.209 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053365.D
 Acq: 28 Apr 2022 14:11

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tgt Ion:244 Resp: 1325968
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.050 min Scan# 3687
 Delta R.T. -0.011 min
 Lab File: BG053365.D
 Acq: 28 Apr 2022 14:11

Tgt Ion:264 Resp: 213360
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.2 27.2
 265 21.5 15.1 22.7

