

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
 Data File : BG048878.D
 Acq On : 26 Apr 2021 14:52
 Operator : CG/JU
 Sample : M2163-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1

Quant Time: Apr 26 15:29:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 13:36:49 2021
 Response via : Initial Calibration

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

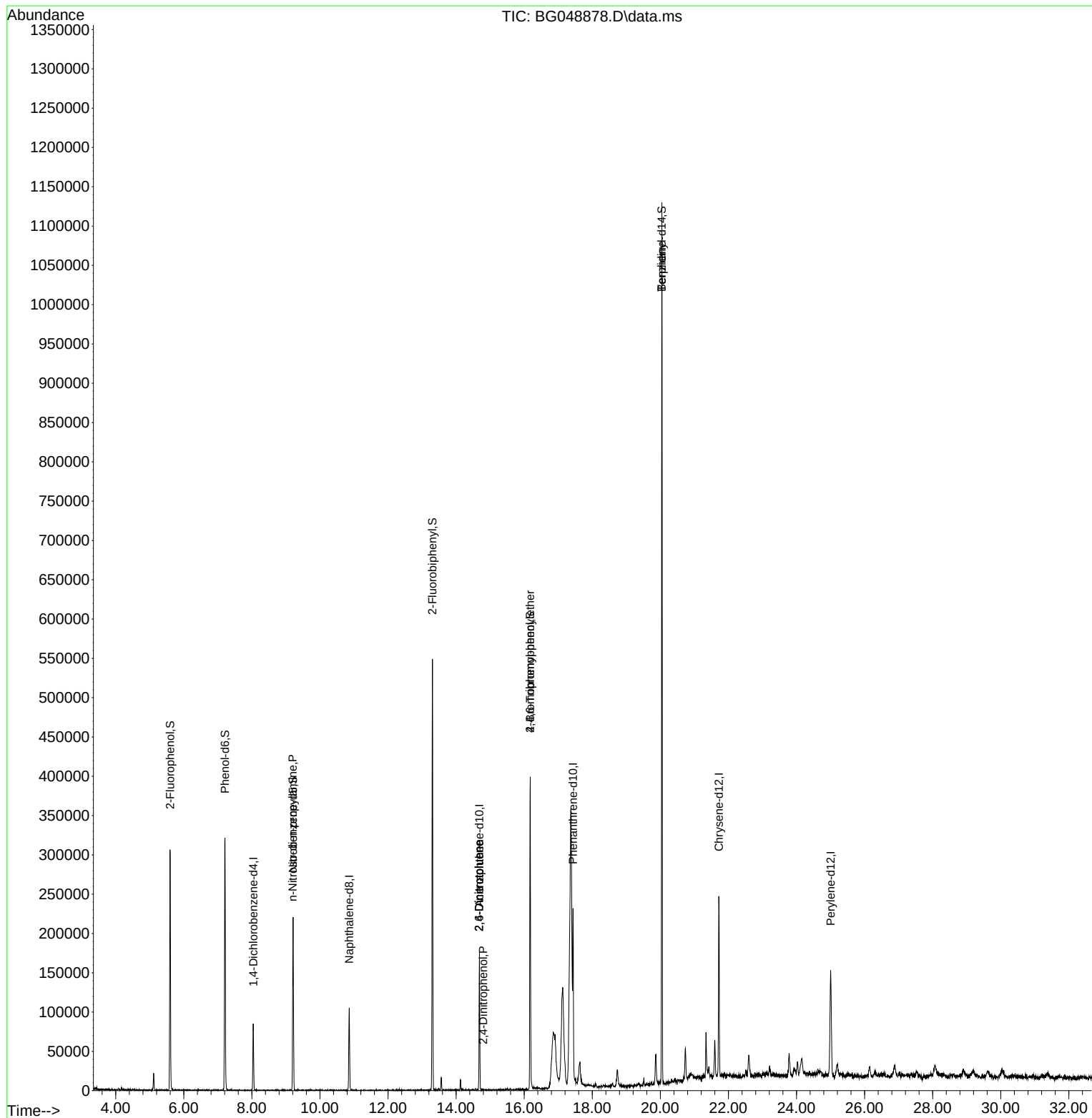
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	20043	20.00	ng	# 0.00
21) Naphthalene-d8	10.860	136	84355	20.00	ng	0.00
39) Acenaphthene-d10	14.685	164	55656	20.00	ng	0.00
64) Phenanthrene-d10	17.435	188	120931	20.00	ng	# 0.00
76) Chrysene-d12	21.718	240	134563	20.00	ng	0.00
86) Perylene-d12	25.003	264	133178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	120792	100.80	ng	0.00
7) Phenol-d6	7.212	99	159339	94.00	ng	0.00
23) Nitrobenzene-d5	9.209	82	120176	63.78	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	66367	88.94	ng	0.00
45) 2-Fluorobiphenyl	13.305	172	258593	67.10	ng	0.00
79) Terphenyl-d14	20.044	244	485102	62.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.204	70	19677	17.21	ng	# 69
51) 2,6-Dinitrotoluene	14.680	165	7579	7.87	ng	# 12
54) 2,4-Dinitrophenol	14.797	184	68	5.39	ng	# 8
57) 2,4-Dinitrotoluene	14.680	165	7579	5.42	ng	# 17
67) 4-Bromophenyl-phenylether	16.178	248	4689	3.37	ng	# 1
77) Benzidine	20.044	184	10087	2.76	ng	98

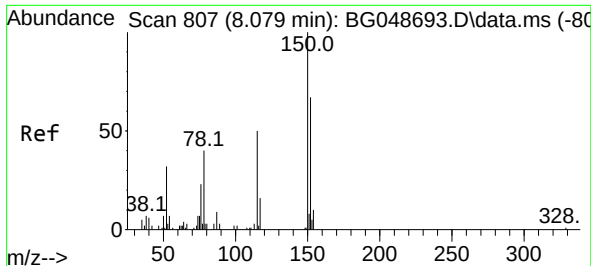
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
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Misc :
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Instrument :
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ClientSampleId :
TT-059-RW8-IDWSO-202104-1

Quant Time: Apr 26 15:29:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 13:36:49 2021
Response via : Initial Calibration

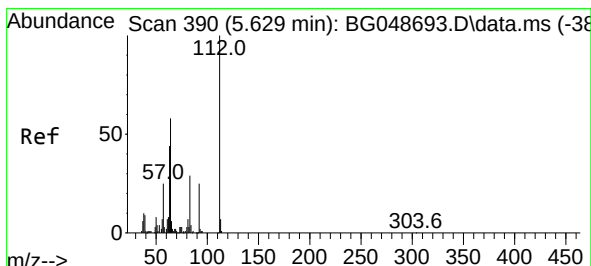
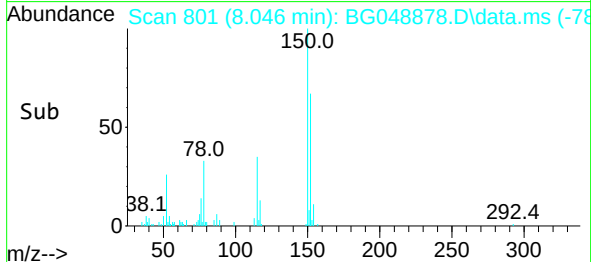
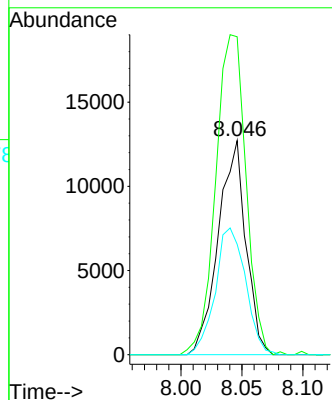
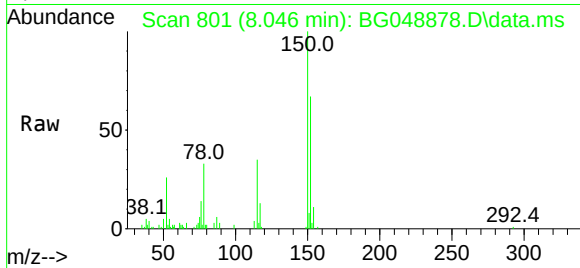




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.046 min Scan# 801
Delta R.T. 0.005 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

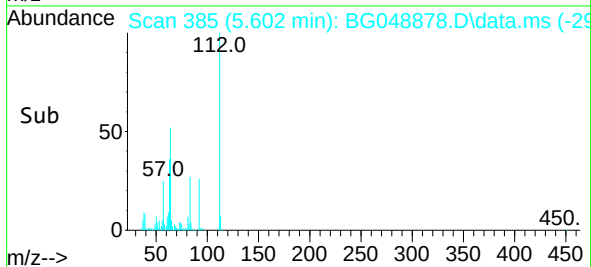
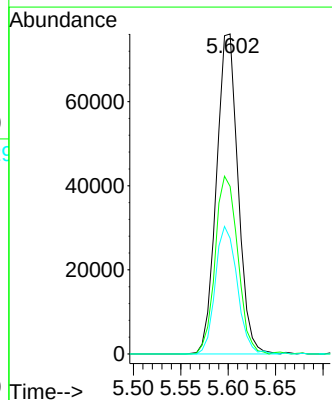
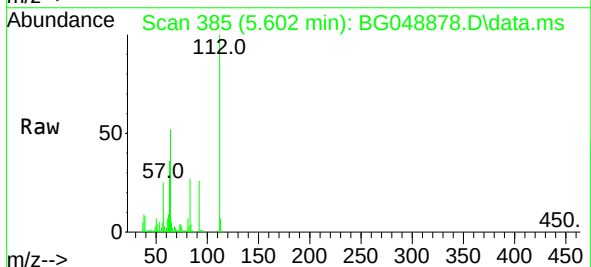
Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

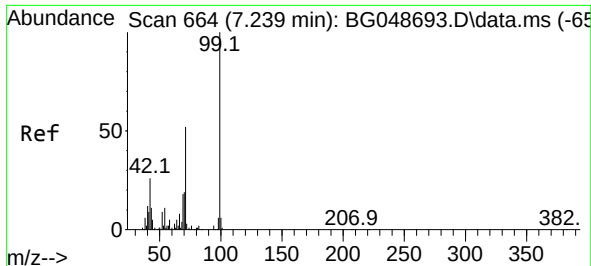
Tgt Ion:152 Resp: 20043
Ion Ratio Lower Upper
152 100
150 148.6 119.4 179.0
115 51.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 100.80 ng
RT: 5.602 min Scan# 385
Delta R.T. 0.005 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

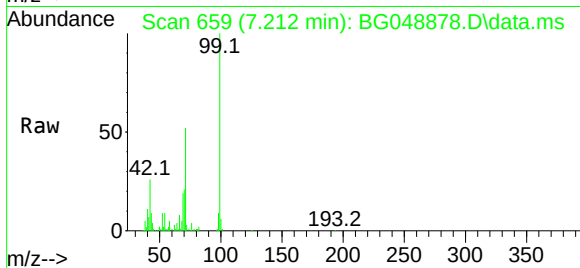
Tgt Ion:112 Resp: 120792
Ion Ratio Lower Upper
112 100
64 52.4 46.7 70.1
63 36.2 35.3 52.9



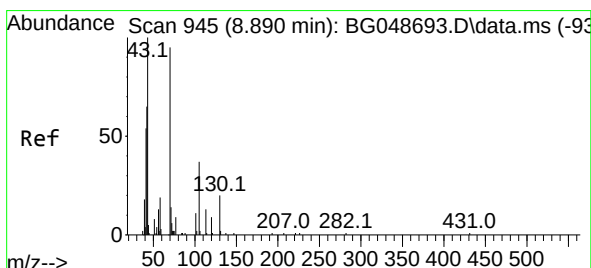
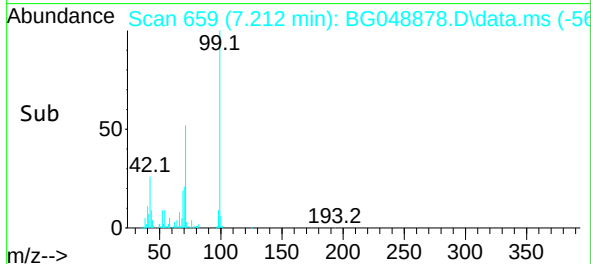
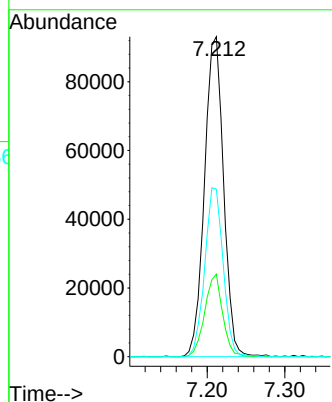


#7
Phenol-d6
Concen: 94.00 ng
RT: 7.212 min Scan# 659
Delta R.T. -0.001 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

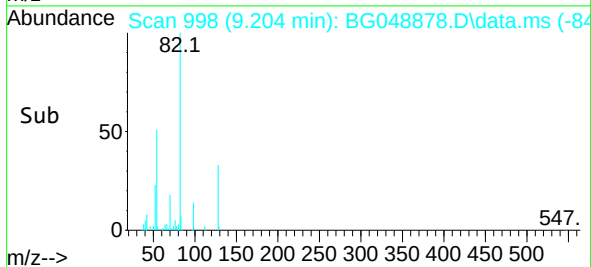
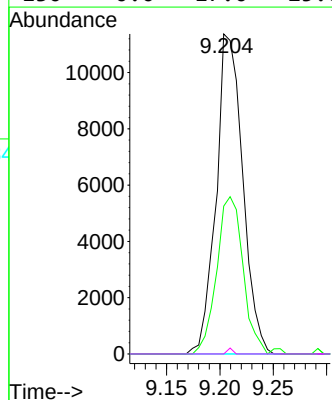
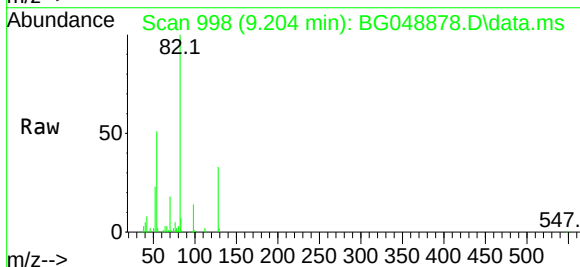


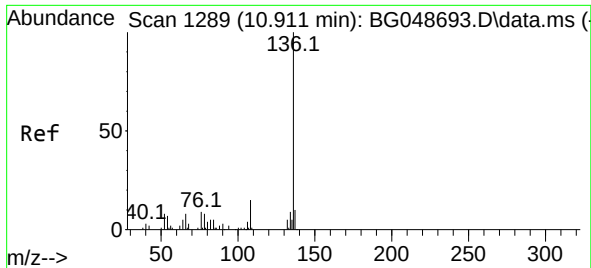
Tgt Ion: 99 Resp: 159339
Ion Ratio Lower Upper
99 100
42 25.8 20.5 30.7
71 52.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.21 ng
RT: 9.204 min Scan# 998
Delta R.T. 0.358 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Tgt Ion: 70 Resp: 19677
Ion Ratio Lower Upper
70 100
42 46.2 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

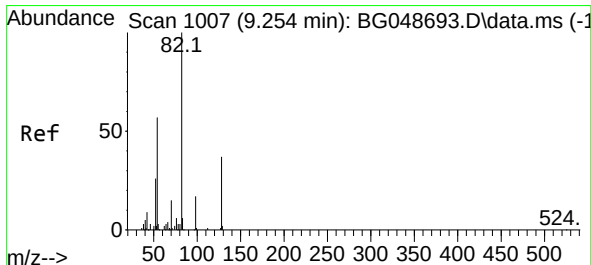
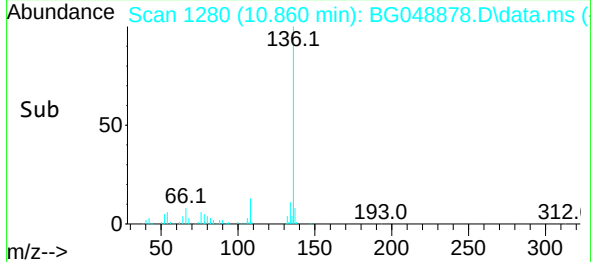
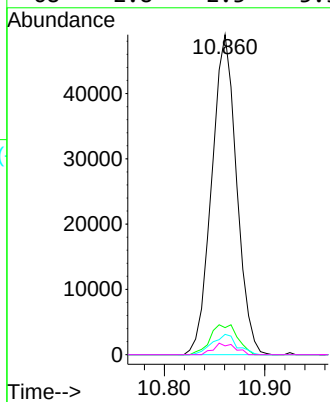
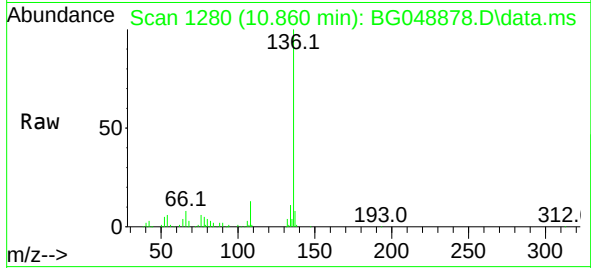




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.860 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

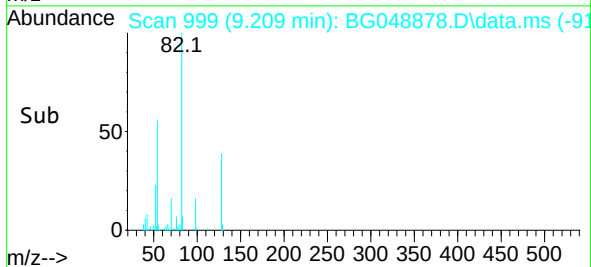
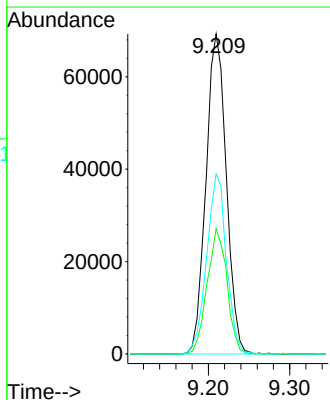
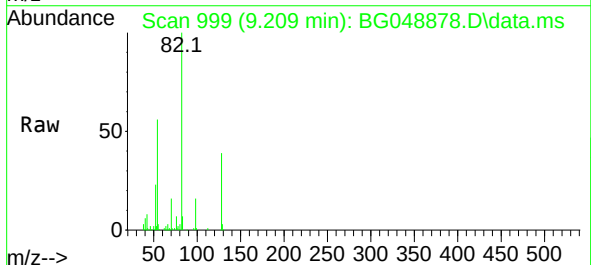
Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

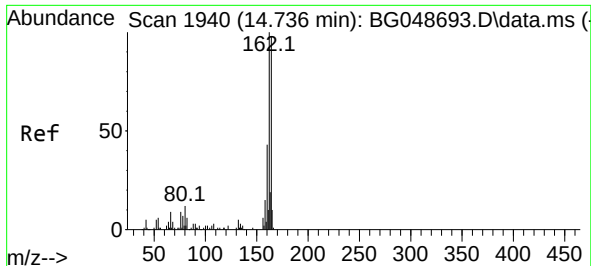
Tgt Ion:136	Resp:	84355
Ion Ratio	Lower	Upper
136	100	
137	8.5	8.2 12.2
54	6.4	5.5 8.3
68	2.8	2.3 3.5



#23
Nitrobenzene-d5
Concen: 63.78 ng
RT: 9.209 min Scan# 999
Delta R.T. -0.007 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Tgt Ion: 82	Resp:	120176
Ion Ratio	Lower	Upper
82	100	
128	39.2	29.8 44.6
54	56.3	45.8 68.8

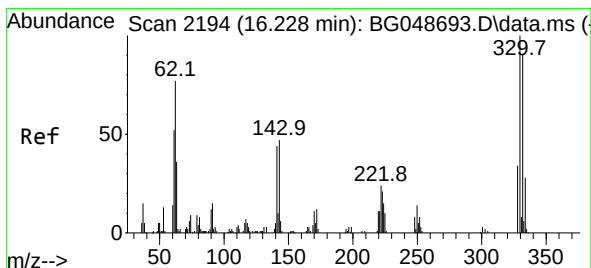
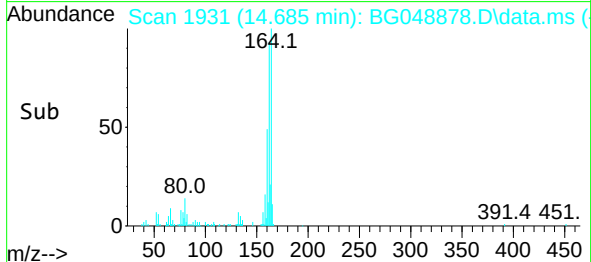
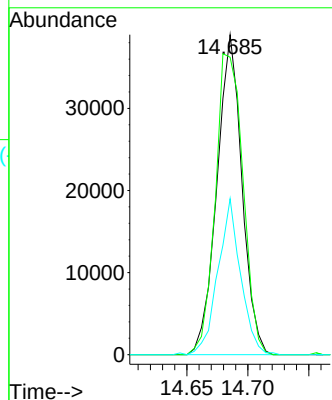
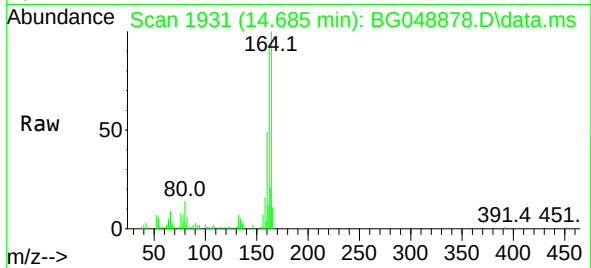




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.685 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

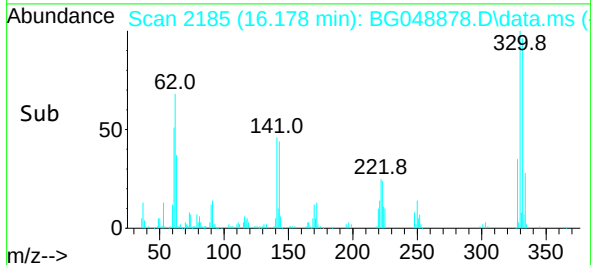
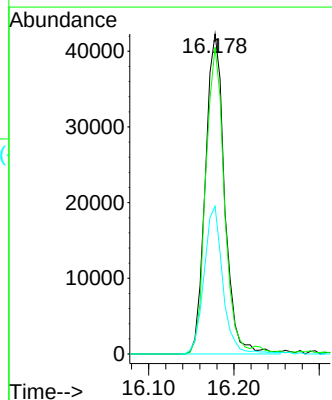
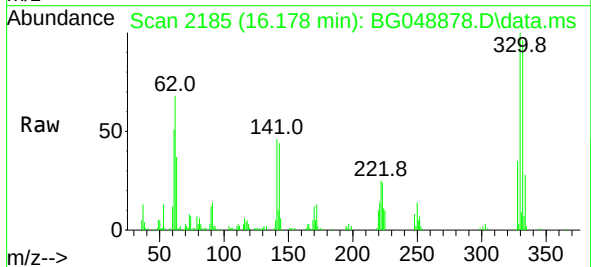
Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

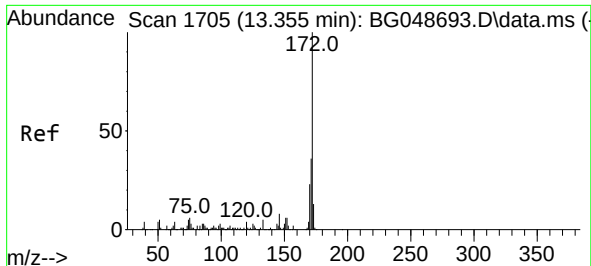
Tgt Ion:164 Resp: 55656
Ion Ratio Lower Upper
164 100
162 92.9 81.4 122.0
160 48.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 88.94 ng
RT: 16.178 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Tgt Ion:330 Resp: 66367
Ion Ratio Lower Upper
330 100
332 91.8 77.3 115.9
141 45.0 35.6 53.4

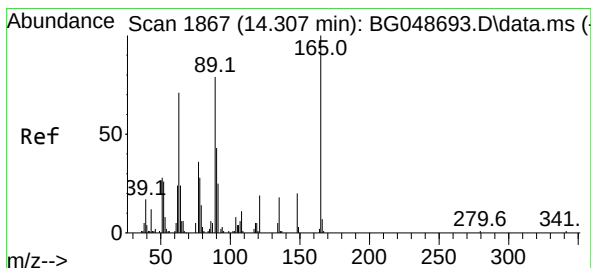
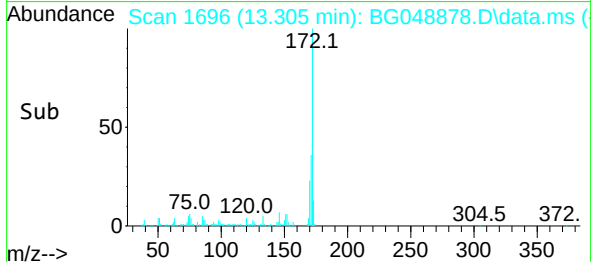
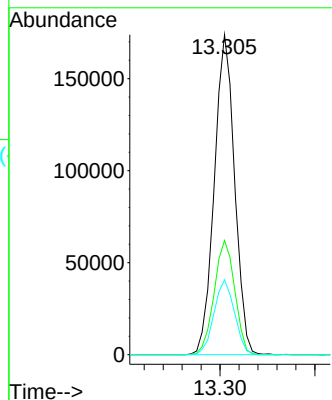
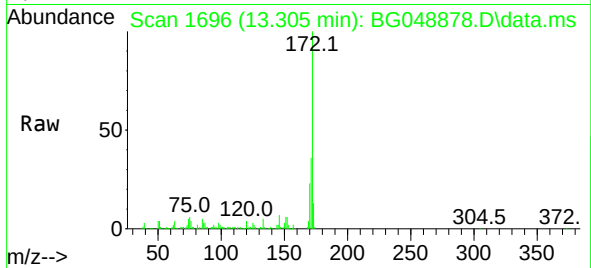




#45
2-Fluorobiphenyl
Concen: 67.10 ng
RT: 13.305 min Scan# 1696
Delta R.T. -0.001 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

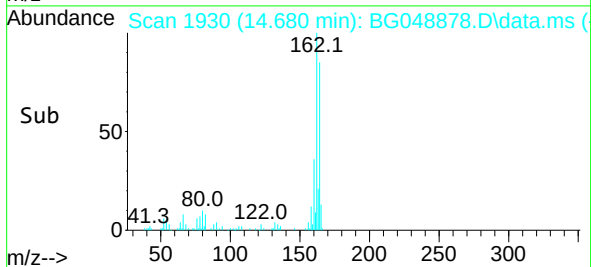
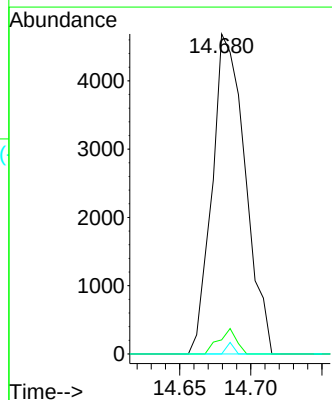
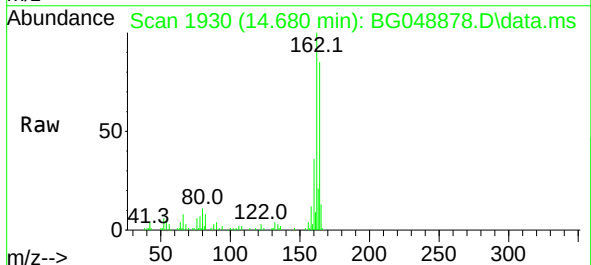
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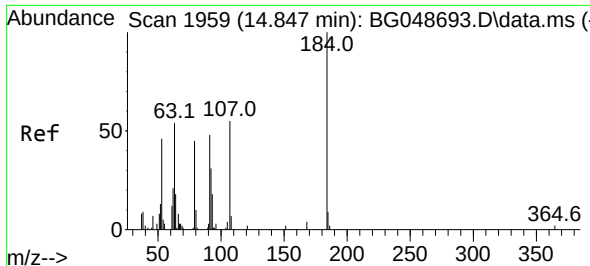
Tgt Ion:172 Resp: 258593
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.680 min Scan# 1930
Delta R.T. 0.422 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Tgt Ion:165 Resp: 7579
Ion Ratio Lower Upper
165 100
63 4.4 63.3 94.9#
89 0.0 63.4 95.0#

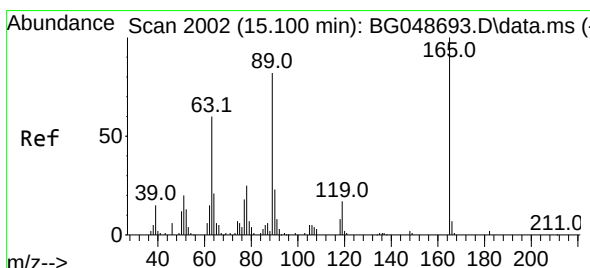
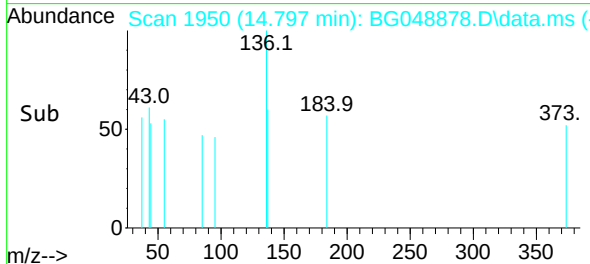
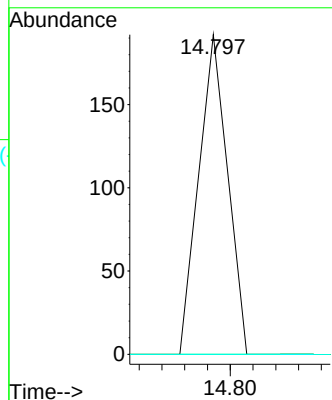
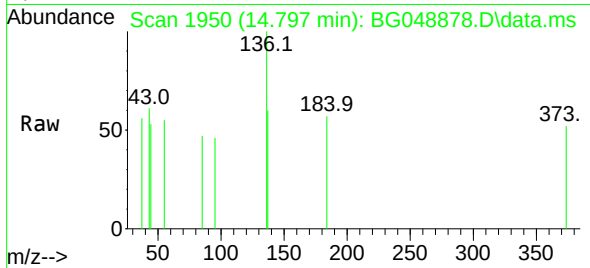




#54
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 14.797 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

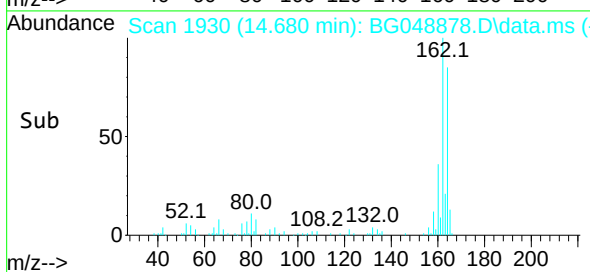
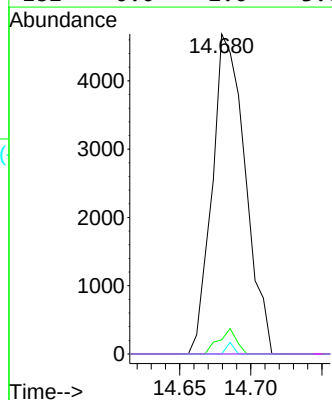
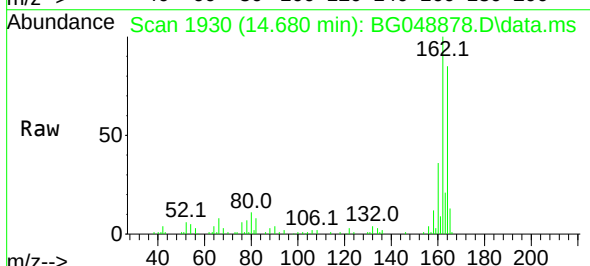
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TT-059-RW8-IDWSO-202104-1

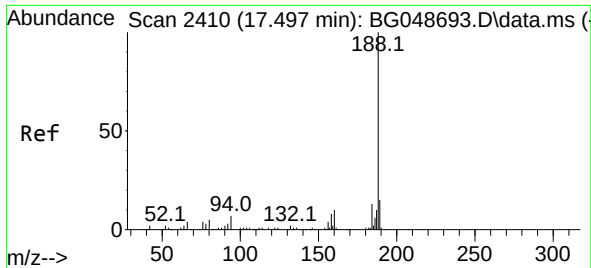
Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 14.680 min Scan# 1930
Delta R.T. -0.371 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Tgt Ion:165 Resp: 7579
Ion Ratio Lower Upper
165 100
63 4.4 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

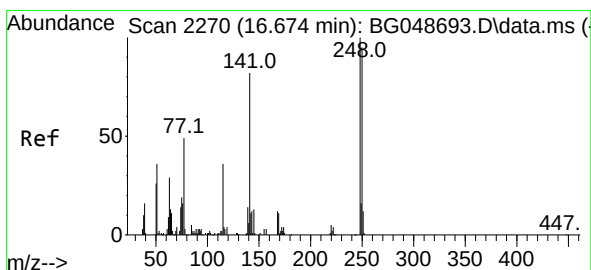
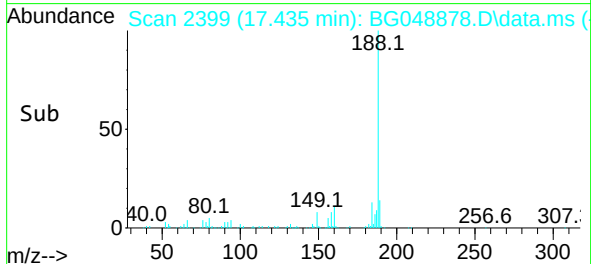
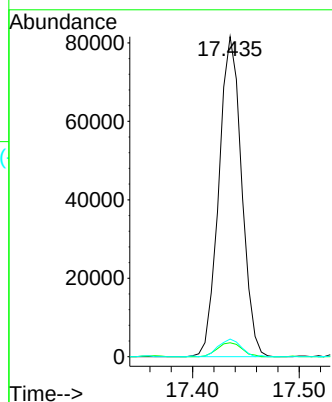
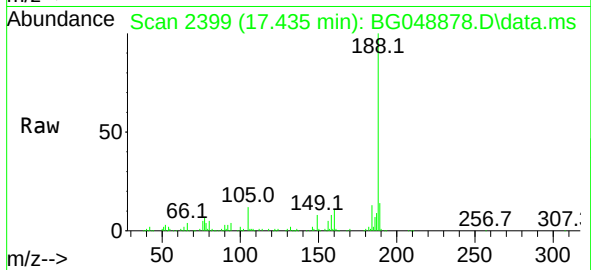




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.435 min Scan# 2399
Delta R.T. -0.001 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

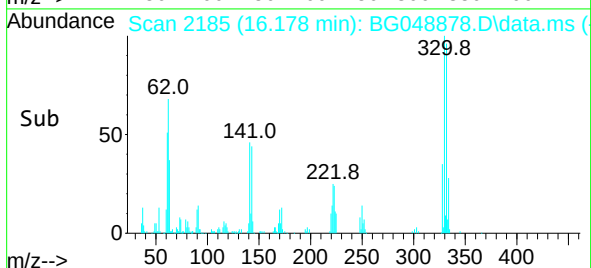
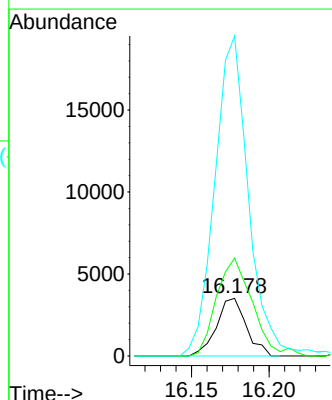
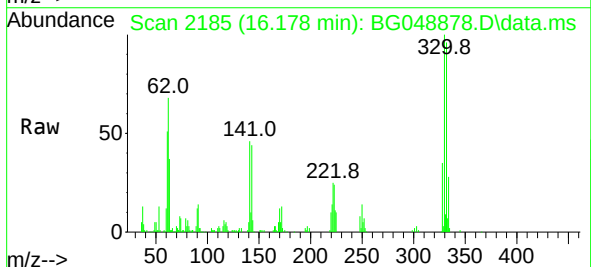
Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

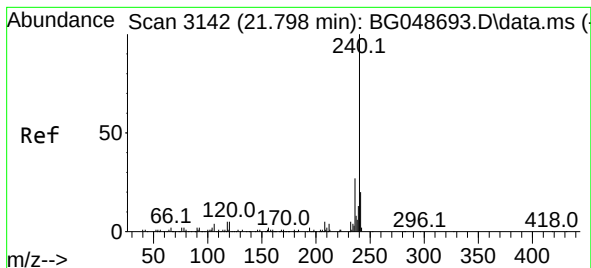
Tgt Ion:188 Resp: 120931
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 5.5 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 16.178 min Scan# 2185
Delta R.T. -0.441 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Tgt Ion:248 Resp: 4689
Ion Ratio Lower Upper
248 100
250 170.0 76.1 114.1#
141 555.5 65.4 98.2#

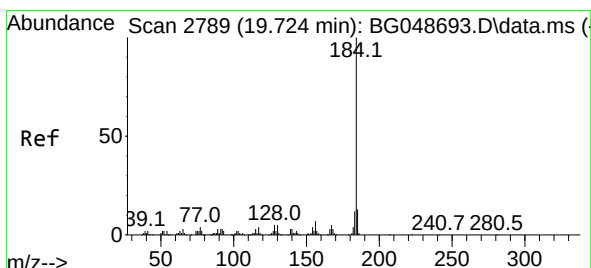
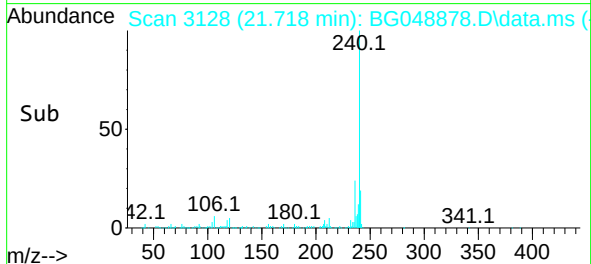
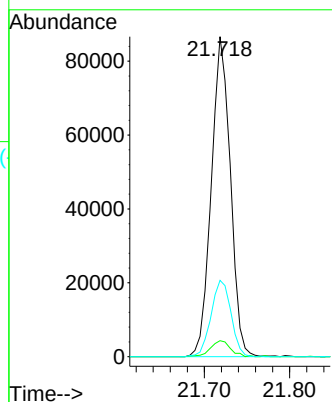
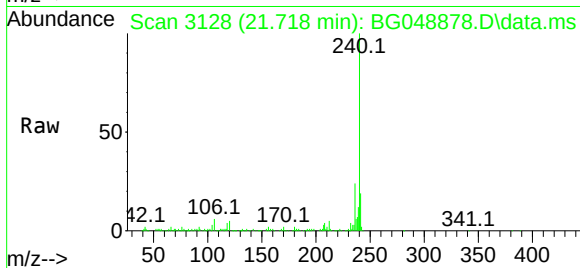




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.718 min Scan# 3128
Delta R.T. -0.007 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

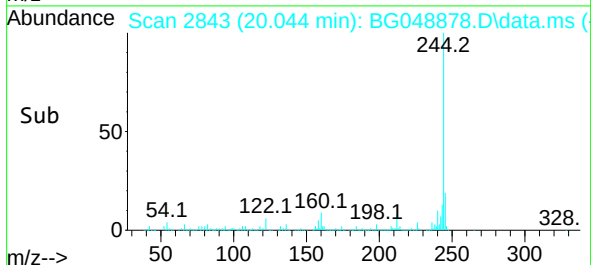
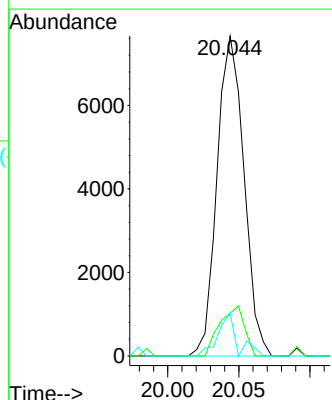
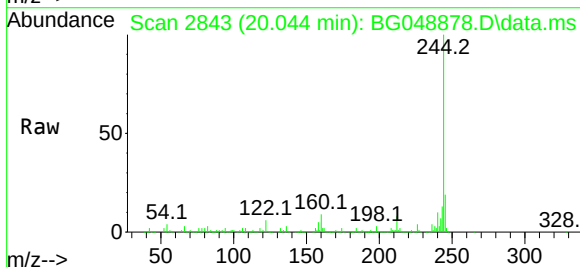
Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

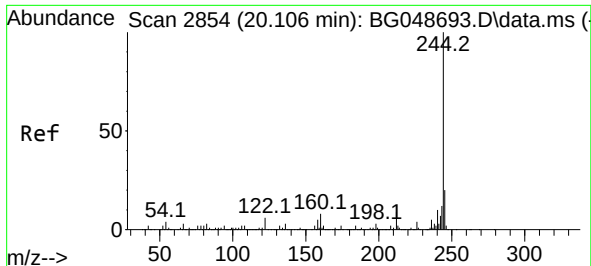
Tgt Ion:240 Resp: 134563
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 23.8 21.8 32.6



#77
Benzidine
Concen: 2.76 ng
RT: 20.044 min Scan# 2843
Delta R.T. 0.375 min
Lab File: BG048878.D
Acq: 26 Apr 2021 14:52

Tgt Ion:184 Resp: 10087
Ion Ratio Lower Upper
184 100
185 13.4 10.7 16.1
183 13.4 9.4 14.0

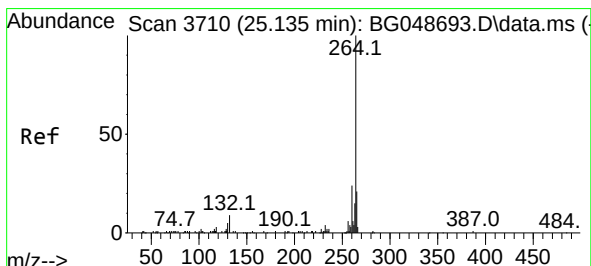
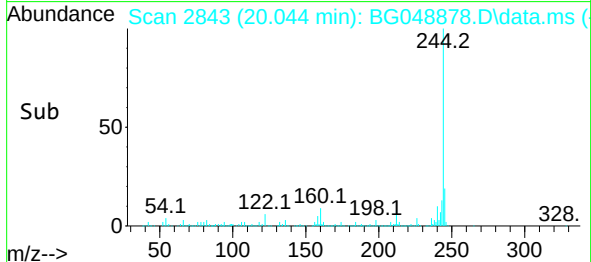
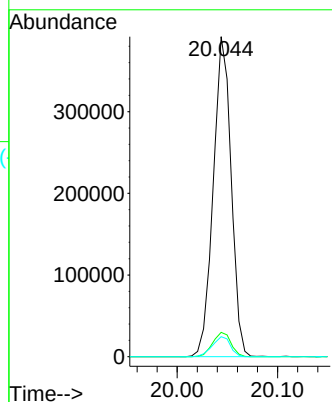
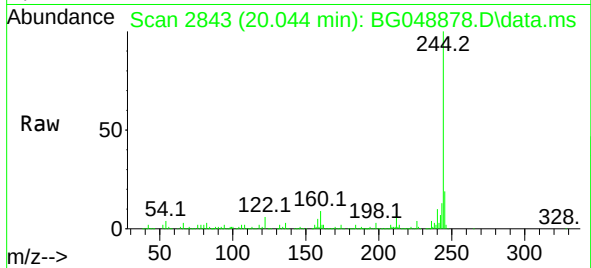




#79
 Terphenyl-d14
 Concen: 62.05 ng
 RT: 20.044 min Scan# 2843
 Delta R.T. -0.001 min
 Lab File: BG048878.D
 Acq: 26 Apr 2021 14:52

Instrument :
 BNA_G
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1

Tgt Ion:244 Resp: 485102
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 6.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.003 min Scan# 3687
 Delta R.T. -0.007 min
 Lab File: BG048878.D
 Acq: 26 Apr 2021 14:52

Tgt Ion:264 Resp: 133178
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.4 16.9 25.3

