

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048680.D
 Acq On : 13 Apr 2021 19:01
 Operator : CG/JU
 Sample : M2010-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SP

Quant Time: Apr 14 00:31:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

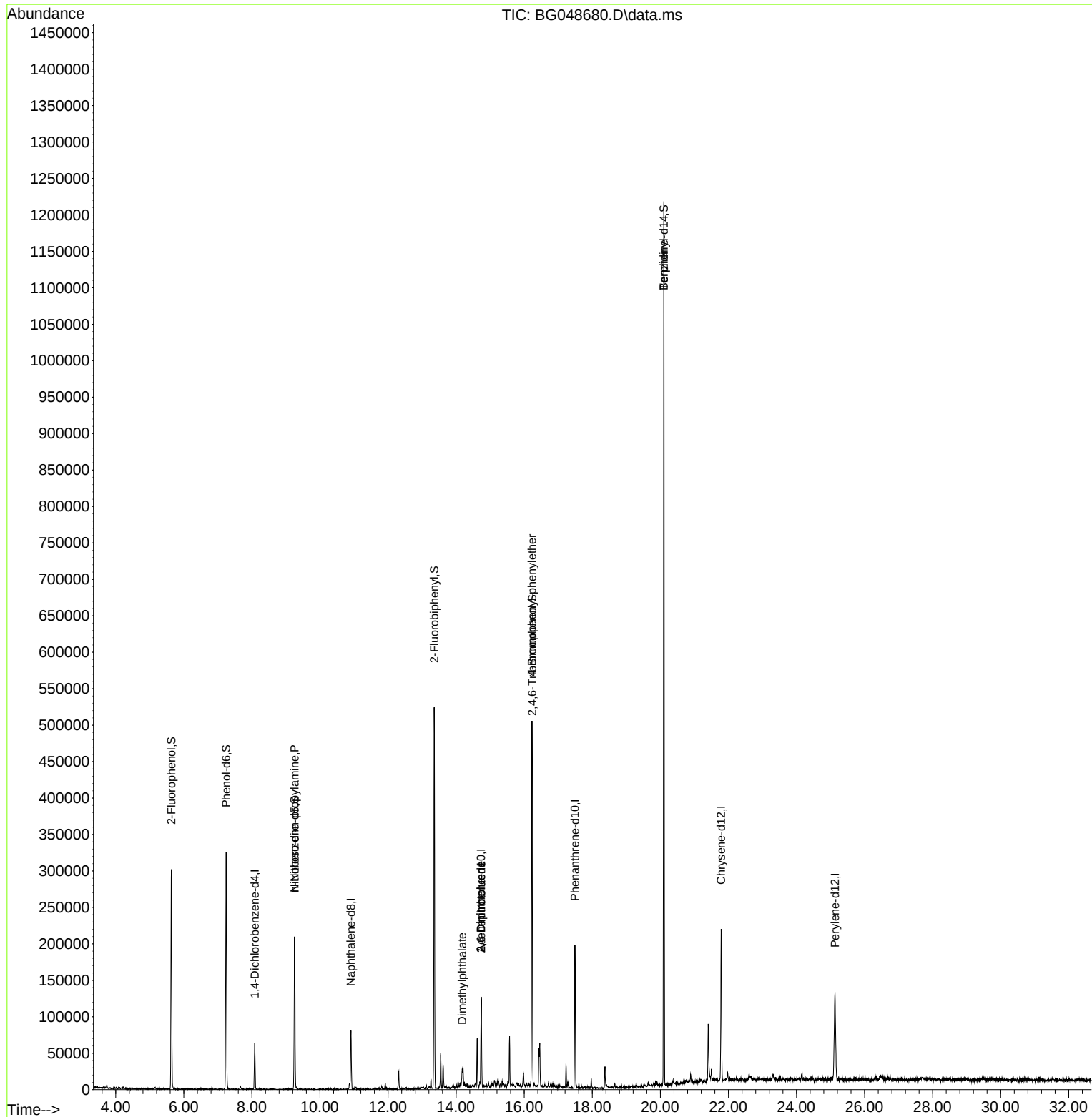
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	14537	20.00	ng	#-0.02
21) Naphthalene-d8	10.911	136	62169	20.00	ng	#-0.02
39) Acenaphthene-d10	14.736	164	41486	20.00	ng	-0.02
64) Phenanthrene-d10	17.491	188	113260	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	124879	20.00	ng	-0.02
86) Perylene-d12	25.129	264	129459	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	115109	139.80	ng	0.00
7) Phenol-d6	7.244	99	150326	125.88	ng	0.00
23) Nitrobenzene-d5	9.254	82	117112	91.20	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	80806	148.17	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	248968	89.20	ng	-0.02
79) Terphenyl-d14	20.106	244	557790	81.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	18910	22.97	ng	# 71
50) Dimethylphthalate	14.177	163	12290	3.99	ng	99
51) 2,6-Dinitrotoluene	14.736	165	6312	8.96	ng	# 17
57) 2,4-Dinitrotoluene	14.736	165	6312	6.33	ng	# 22
67) 4-Bromophenyl-phenylether	16.228	248	6281	5.00	ng	# 1
77) Benzidine	20.100	184	11831	2.80	ng	# 85

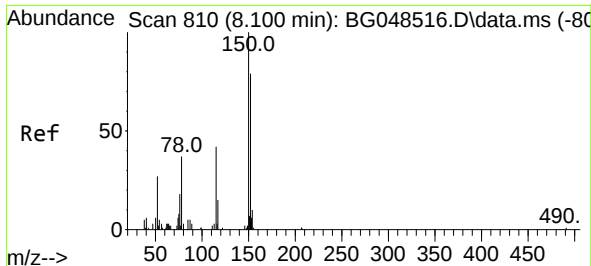
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

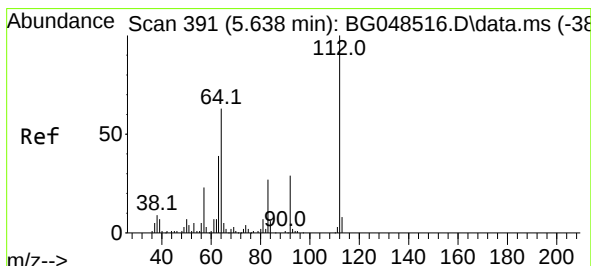
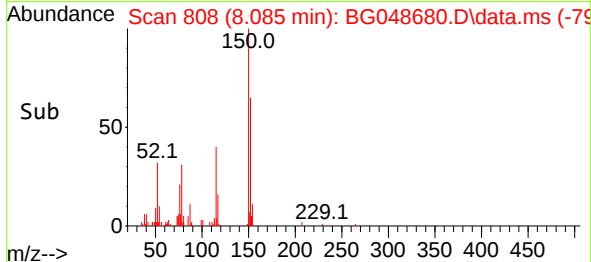
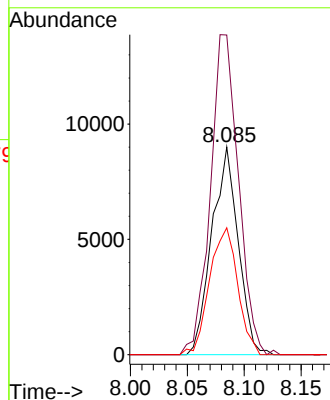
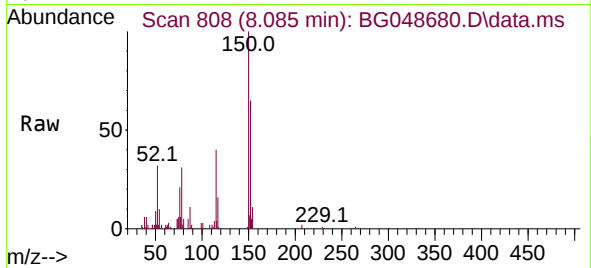




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.015 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

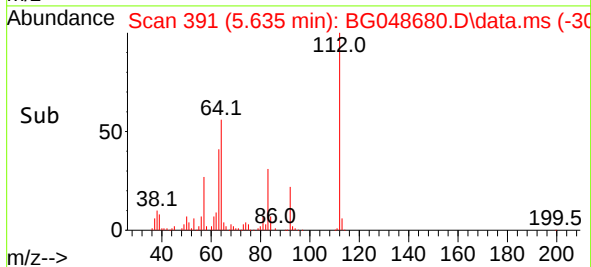
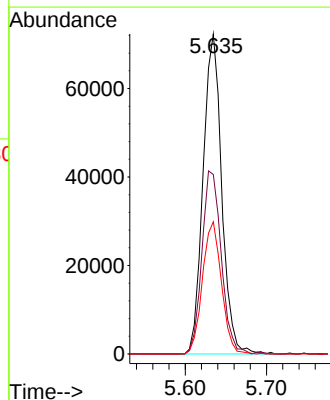
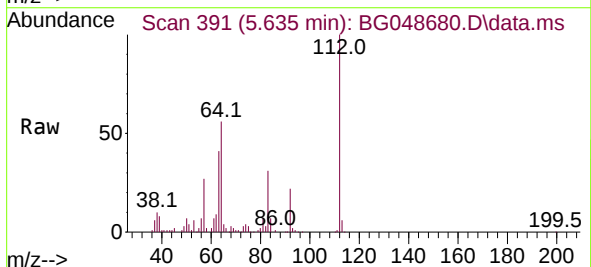
Instrument :
BNA_G
ClientSampled :
CG-SP

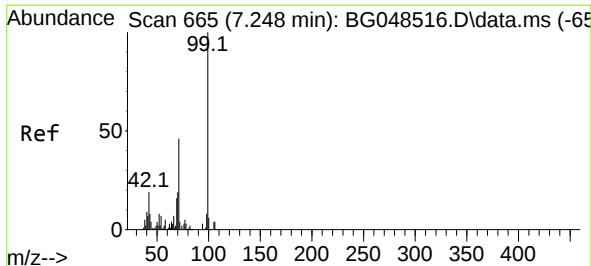
Tgt Ion:152 Resp: 14537
Ion Ratio Lower Upper
152 100
150 153.9 101.3 151.9#
115 61.1 42.3 63.5



#5
2-Fluorophenol
Concen: 139.80 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.004 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

Tgt Ion:112 Resp: 115109
Ion Ratio Lower Upper
112 100
64 56.1 50.4 75.6
63 41.3 31.4 47.2

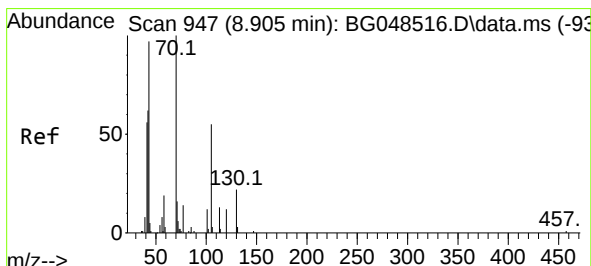
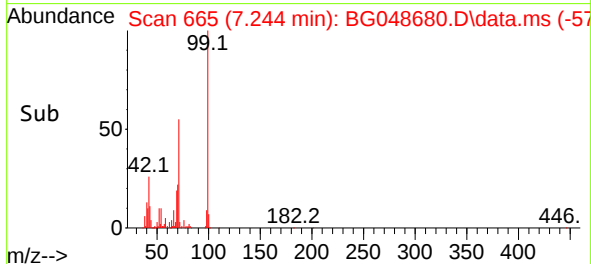
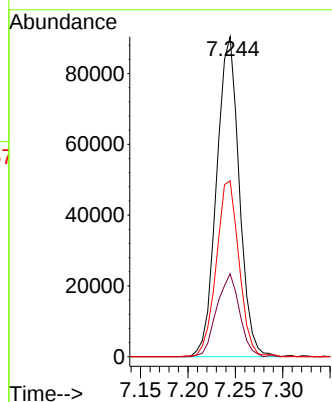
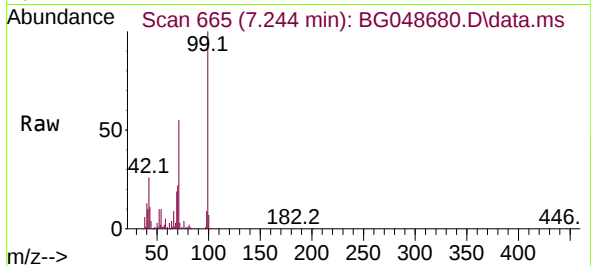




#7
Phenol-d6
Concen: 125.88 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

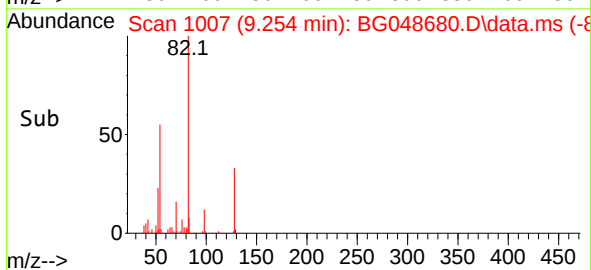
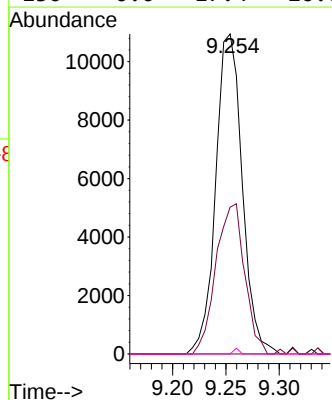
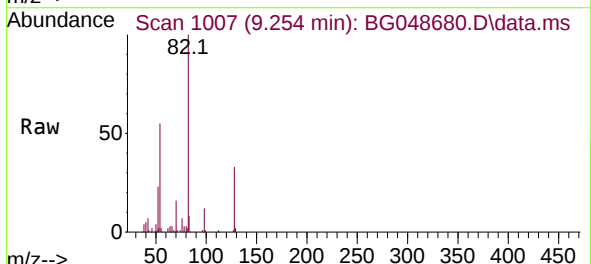
Instrument :
BNA_G
ClientSampleId :
CG-SP

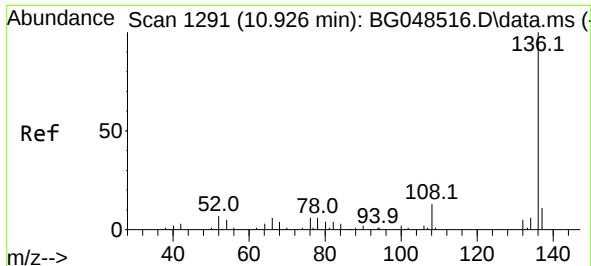
Tgt Ion: 99 Resp: 150326
Ion Ratio Lower Upper
99 100
42 25.9 15.5 23.3#
71 54.9 36.6 54.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.97 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.349 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

Tgt Ion: 70 Resp: 18910
Ion Ratio Lower Upper
70 100
42 45.9 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

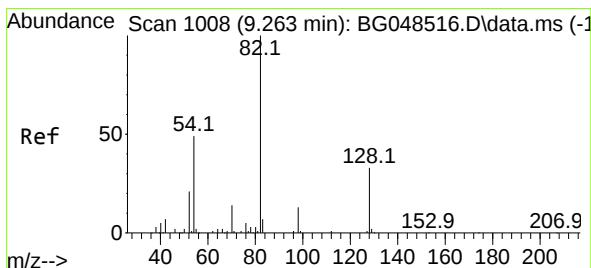
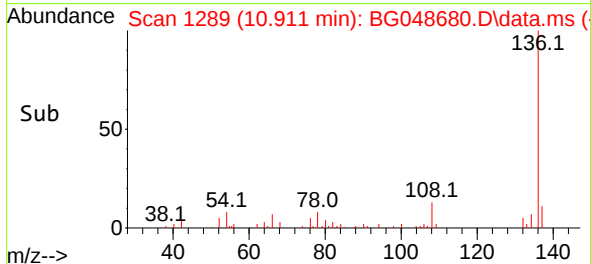
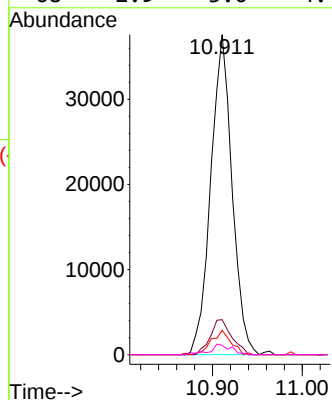
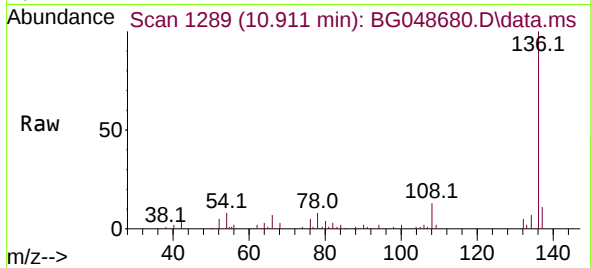




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. -0.016 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

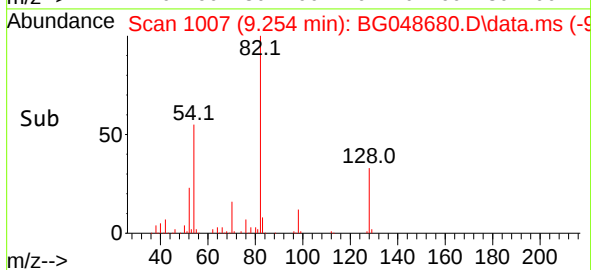
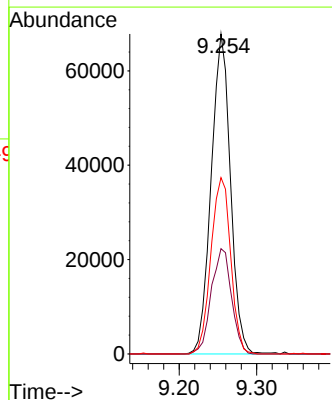
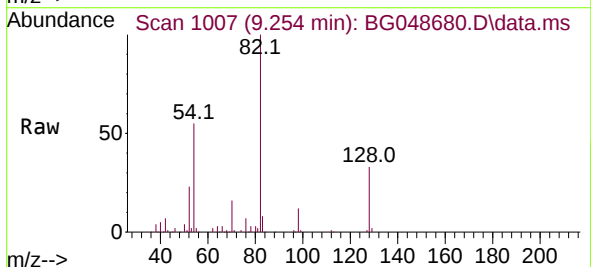
Instrument :
BNA_G
ClientSampleId :
CG-SP

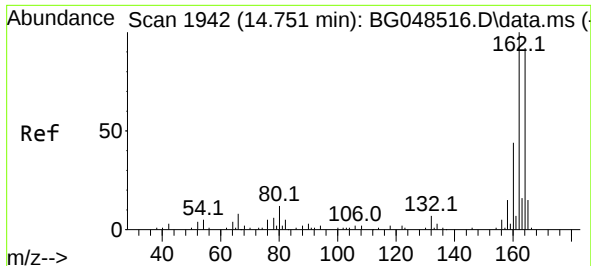
Tgt Ion:	136	Resp:	62169
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	7.6	4.2	6.4#
68	2.9	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 91.20 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

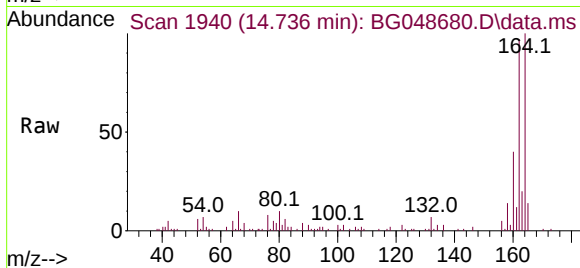
Tgt Ion:	82	Resp:	117112
Ion Ratio	Lower	Upper	
82	100		
128	32.9	26.2	39.4
54	55.1	38.9	58.3



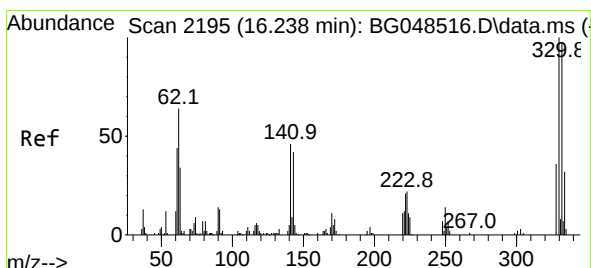
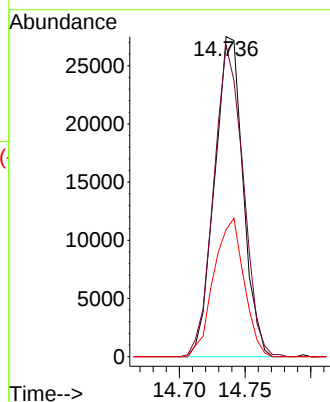
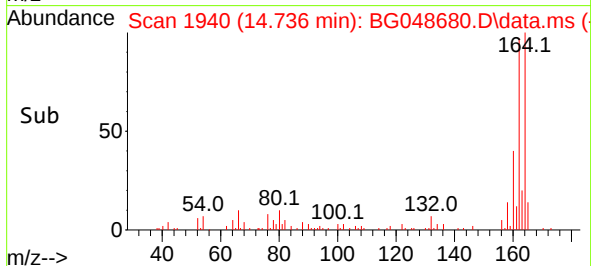


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.016 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

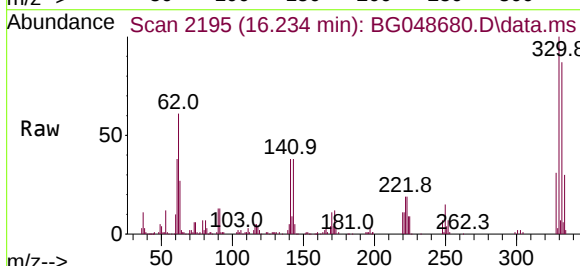
Instrument :
BNA_G
ClientSampled :
CG-SP



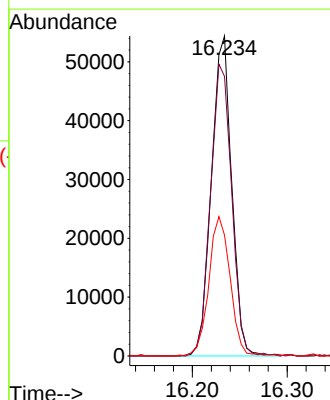
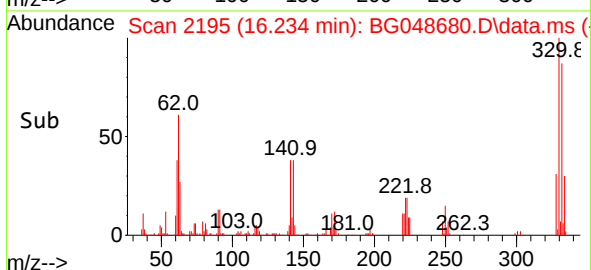
Tgt Ion:164 Resp: 41486
Ion Ratio Lower Upper
164 100
162 97.3 87.0 130.6
160 39.7 38.4 57.6

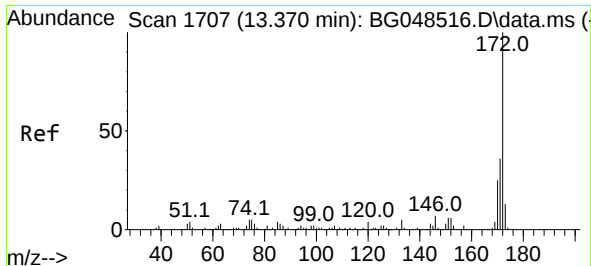


#42
2,4,6-Tribromophenol
Concen: 148.17 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01



Tgt Ion:330 Resp: 80806
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 45.8 34.6 52.0

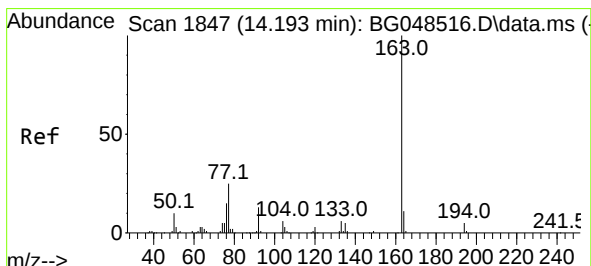
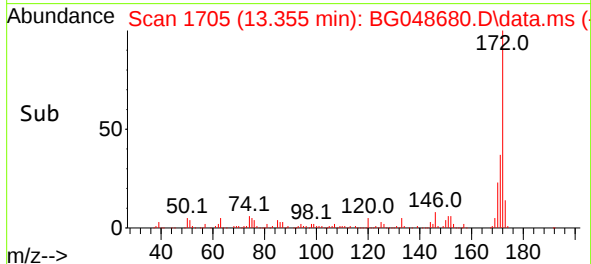
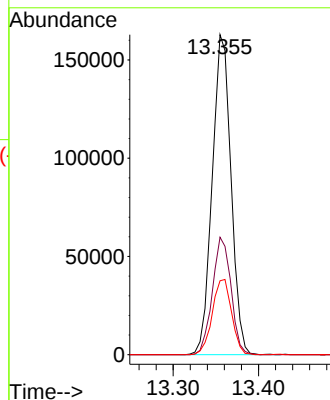
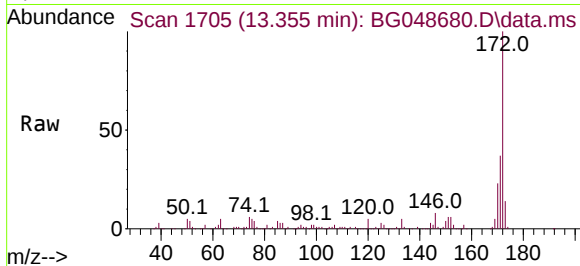




#45
2-Fluorobiphenyl
Concen: 89.20 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.016 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

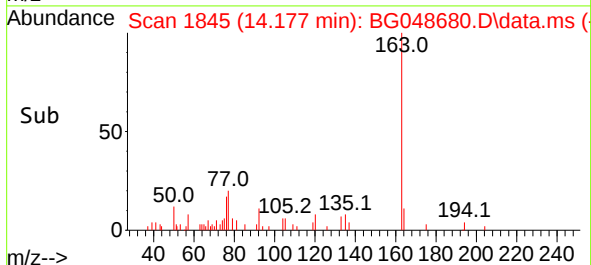
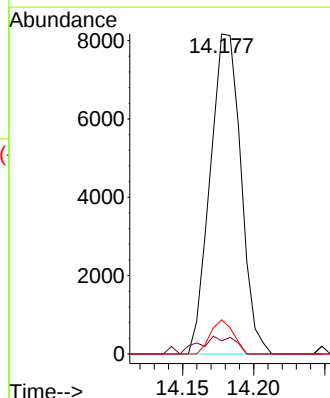
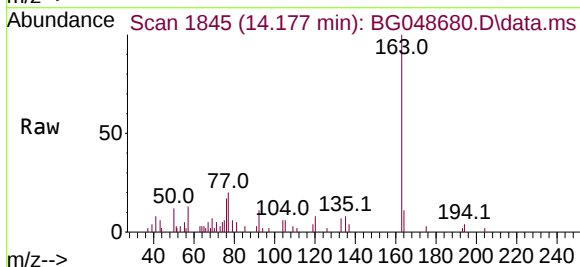
Instrument :
BNA_G
ClientSampled :
CG-SP

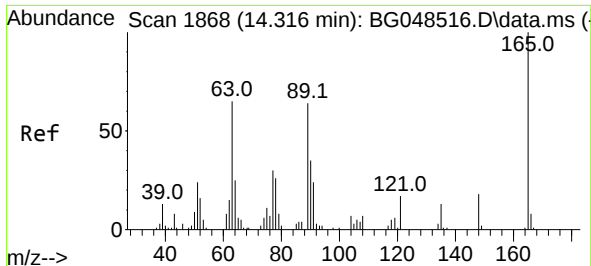
Tgt Ion:172	Resp:	248968
Ion Ratio	Lower	Upper
172	100	
171	36.7	28.5 42.7
170	23.1	19.8 29.6



#50
Dimethylphthalate
Concen: 3.99 ng
RT: 14.177 min Scan# 1845
Delta R.T. -0.016 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

Tgt Ion:163	Resp:	12290
Ion Ratio	Lower	Upper
163	100	
194	4.1	4.1 6.1
164	10.7	8.6 12.8

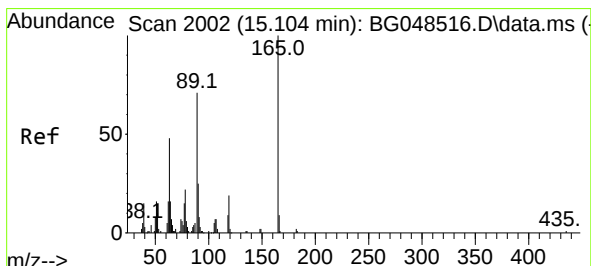
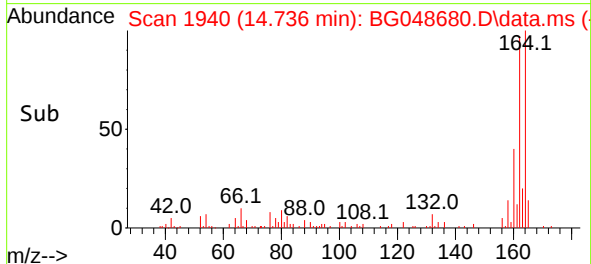
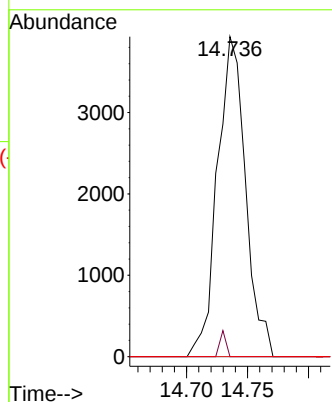
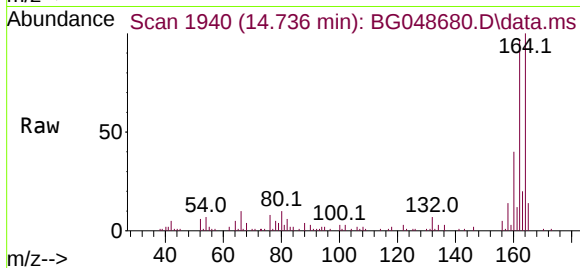




#51
2,6-Dinitrotoluene
Concen: 8.96 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.419 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

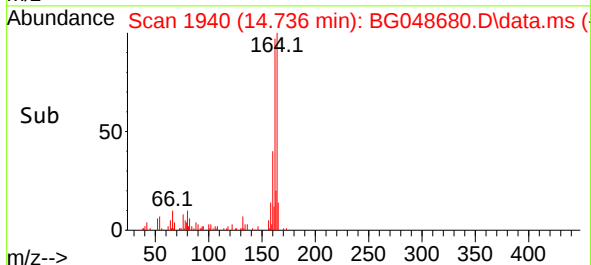
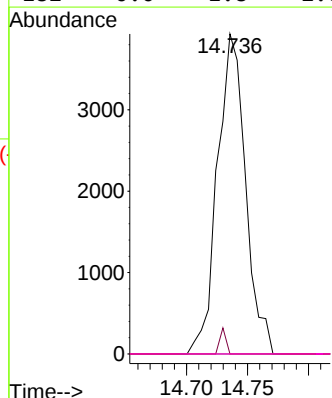
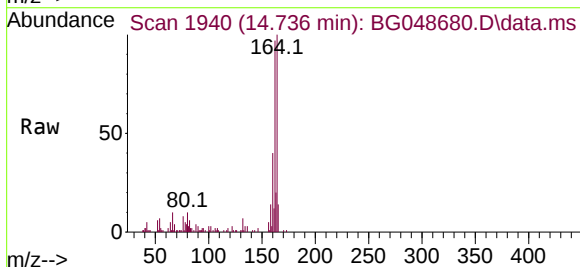
Instrument :
BNA_G
ClientSampled :
CG-SP

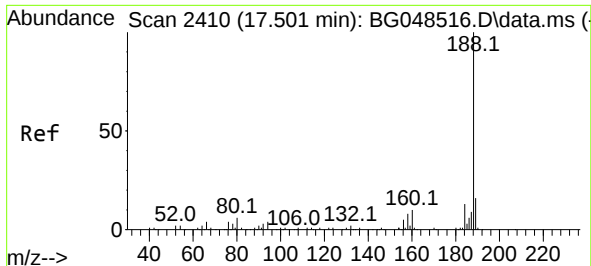
Tgt Ion:165 Resp: 6312
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.368 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

Tgt Ion:165 Resp: 6312
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#

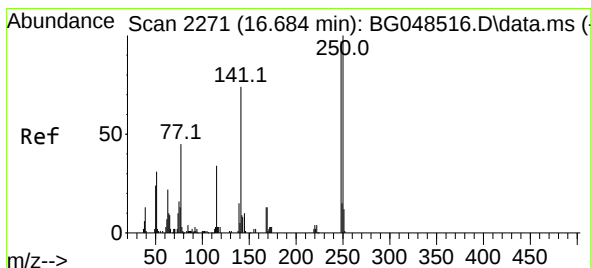
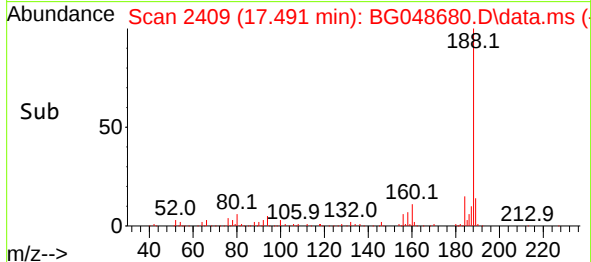
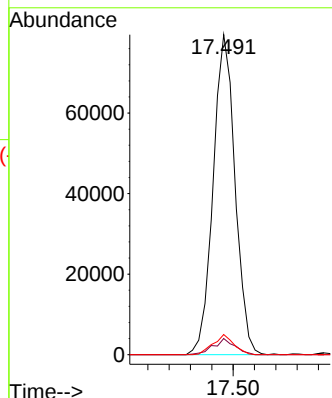
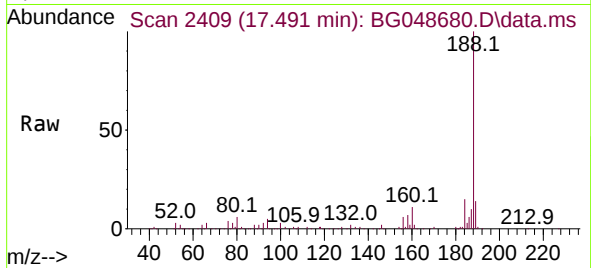




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.010 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

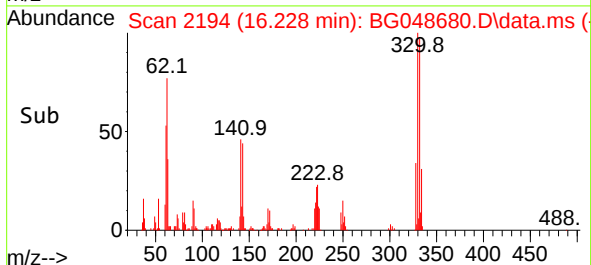
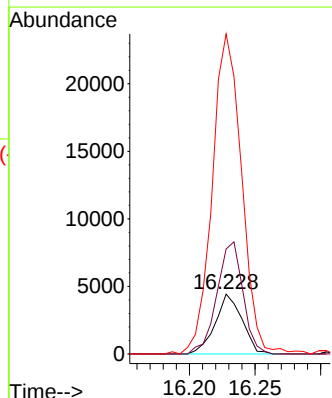
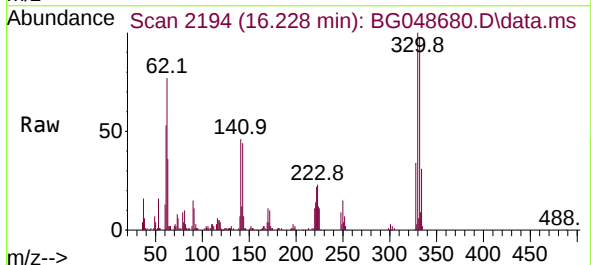
Instrument :
BNA_G
ClientSampleId :
CG-SP

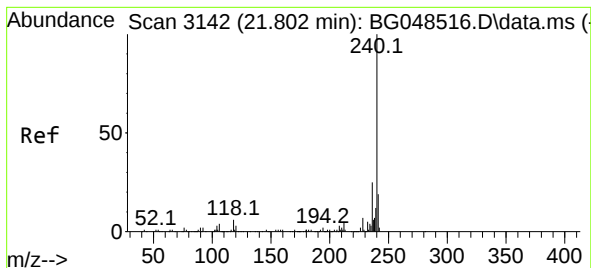
Tgt Ion:188 Resp: 113260
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.6#
80 6.3 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.456 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

Tgt Ion:248 Resp: 6281
Ion Ratio Lower Upper
248 100
250 226.7 82.6 124.0#
141 535.3 61.0 91.6#

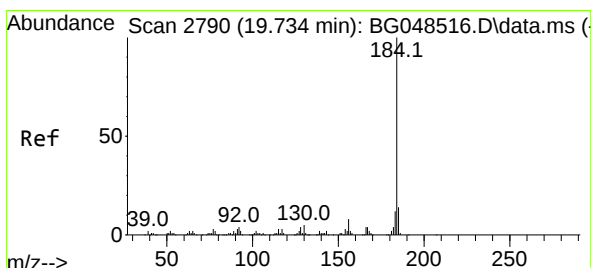
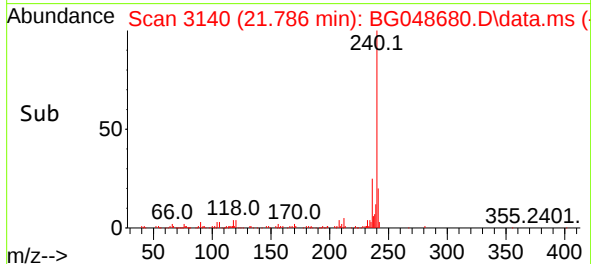
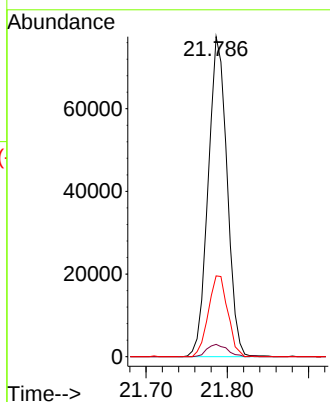
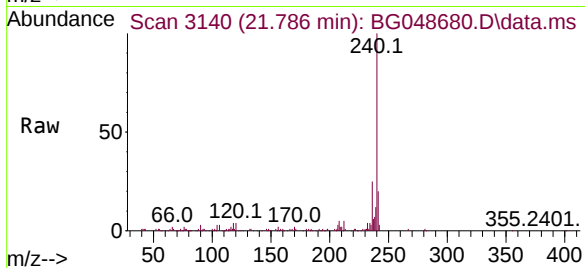




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.016 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

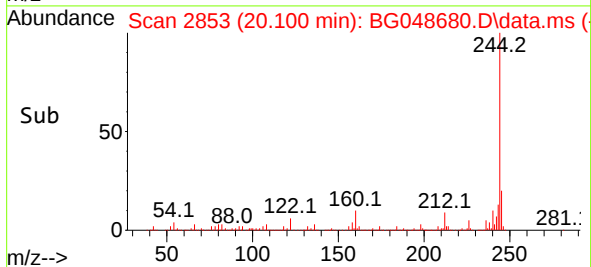
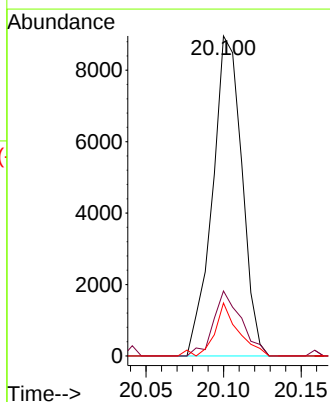
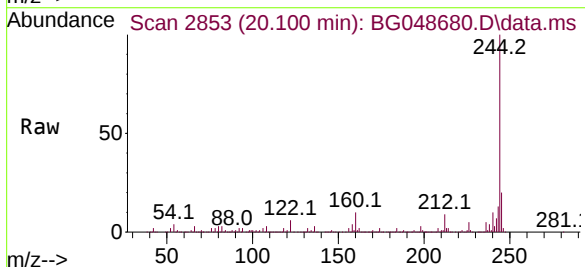
Instrument :
BNA_G
ClientSampleId :
CG-SP

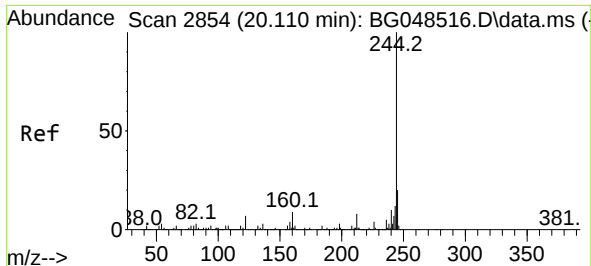
Tgt Ion:240 Resp: 124879
Ion Ratio Lower Upper
240 100
120 3.8 2.6 3.8
236 25.2 19.8 29.6



#77
Benzidine
Concen: 2.80 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.366 min
Lab File: BG048680.D
Acq: 13 Apr 2021 19:01

Tgt Ion:184 Resp: 11831
Ion Ratio Lower Upper
184 100
185 20.3 11.0 16.4#
183 16.5 9.2 13.8#

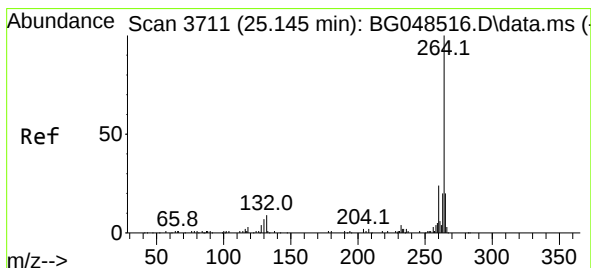
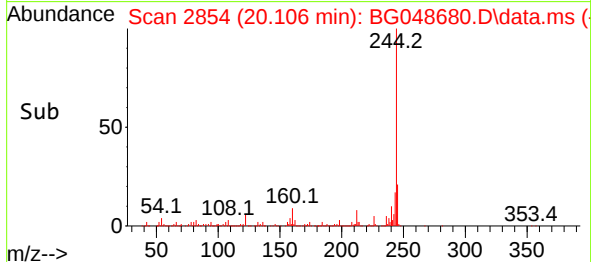
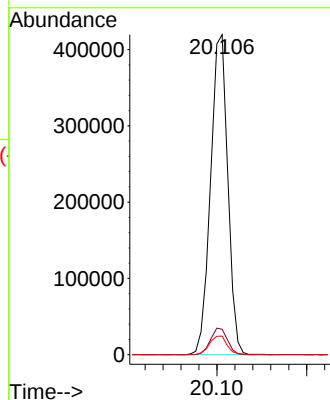
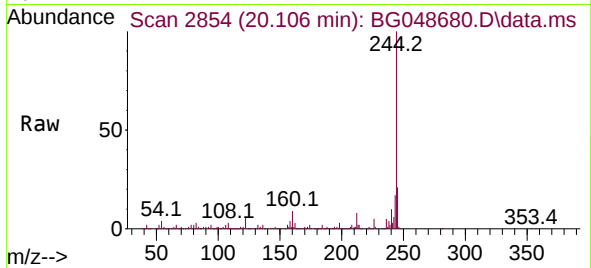




#79
 Terphenyl-d14
 Concen: 81.68 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.004 min
 Lab File: BG048680.D
 Acq: 13 Apr 2021 19:01

Instrument :
 BNA_G
 ClientSampled :
 CG-SP

Tgt Ion:244 Resp: 557790
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 5.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.016 min
 Lab File: BG048680.D
 Acq: 13 Apr 2021 19:01

Tgt Ion:264 Resp: 129459
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.9 16.1 24.1

