

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048853.D
 Acq On : 22 Apr 2021 19:04
 Operator : CG/JU
 Sample : M2036-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-80-W-ROCKAWAY-B-2

Quant Time: Apr 23 01:21:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

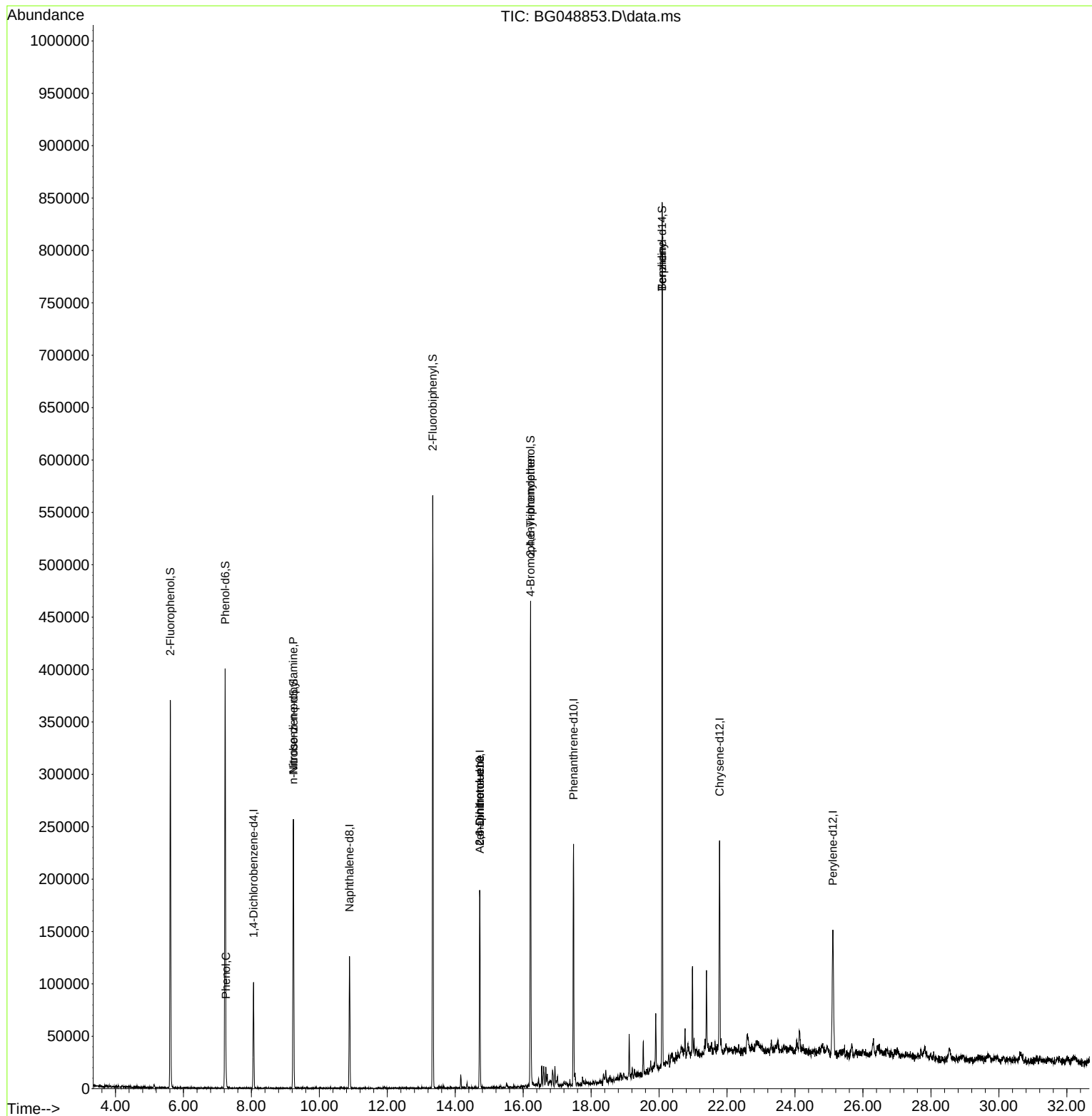
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	24163	20.00	ng	0.00
21) Naphthalene-d8	10.889	136	99981	20.00	ng	# 0.00
39) Acenaphthene-d10	14.726	164	64700	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	140962	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	120943	20.00	ng	0.00
86) Perylene-d12	25.114	264	119026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.613	112	143937	99.63	ng	0.00
7) Phenol-d6	7.229	99	193928	94.90	ng	0.00
23) Nitrobenzene-d5	9.238	82	146101	65.42	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	75123	86.60	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	284809	63.57	ng	0.00
79) Terphenyl-d14	20.090	244	369699	52.61	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.252	94	4451	2.22	ng	80
19) n-Nitroso-di-n-propyla...	9.232	70	24371	17.68	ng	# 70
51) 2,6-Dinitrotoluene	14.720	165	9348	8.35	ng	# 12
57) 2,4-Dinitrotoluene	14.720	165	9348	5.75	ng	# 17
67) 4-Bromophenyl-phenylether	16.212	248	6156	3.79	ng	# 1
77) Benzidine	20.090	184	7540	2.30	ng	# 94

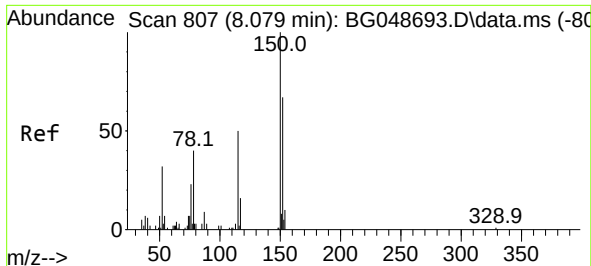
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

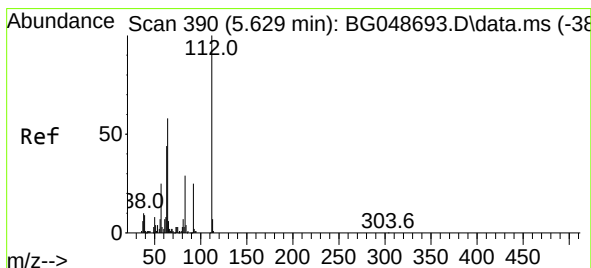
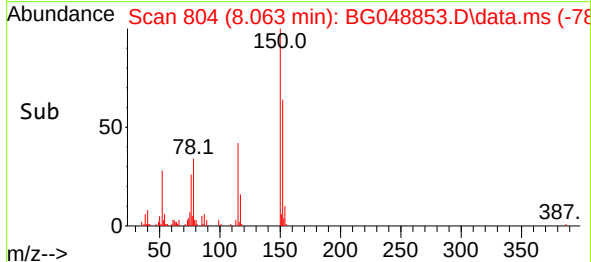
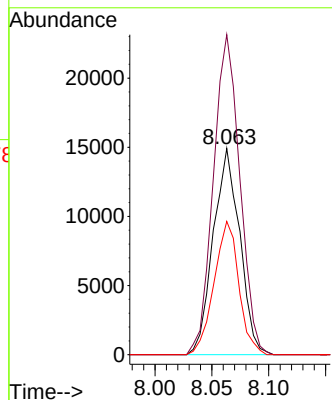
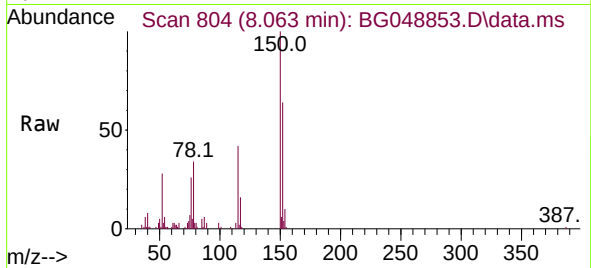




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.063 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

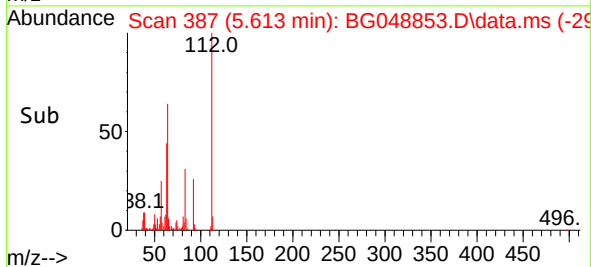
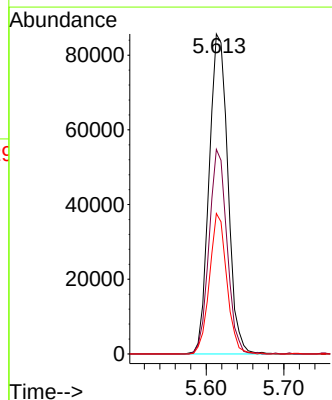
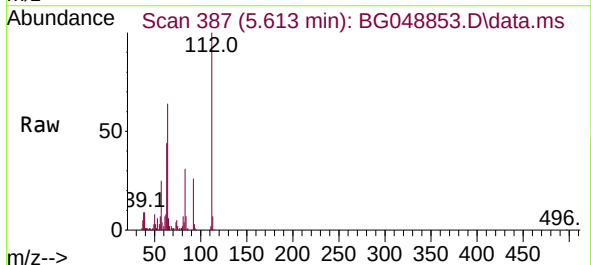
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2

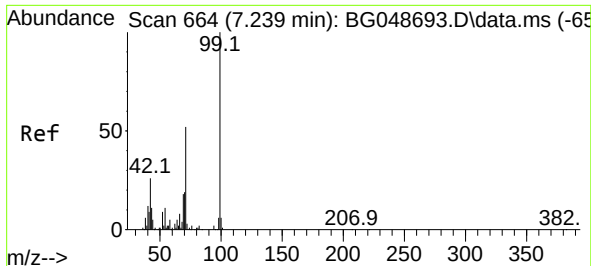
Tgt Ion:152 Resp: 24163
Ion Ratio Lower Upper
152 100
150 155.2 119.4 179.0
115 64.7 60.2 90.4



#5
2-Fluorophenol
Concen: 99.63 ng
RT: 5.613 min Scan# 387
Delta R.T. 0.008 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Tgt Ion:112 Resp: 143937
Ion Ratio Lower Upper
112 100
64 64.0 46.7 70.1
63 43.9 35.3 52.9

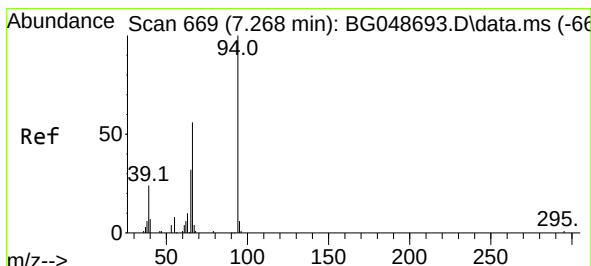
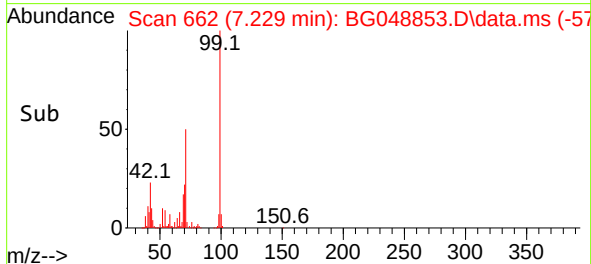
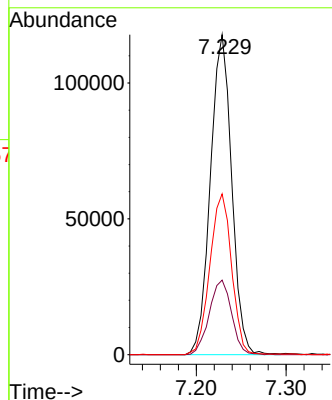
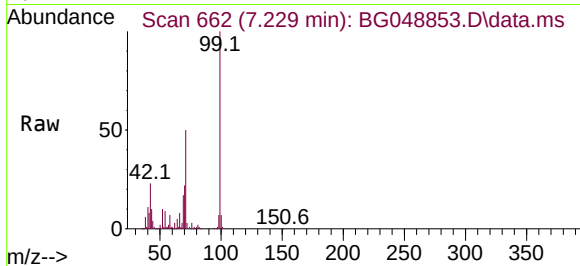




#7
Phenol-d6
Concen: 94.90 ng
RT: 7.229 min Scan# 662
Delta R.T. 0.008 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

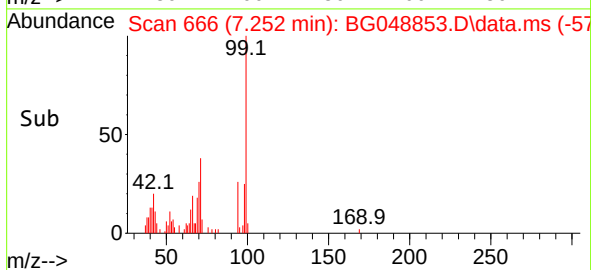
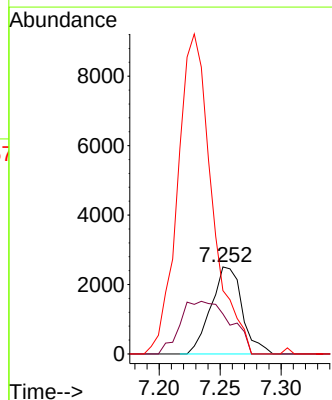
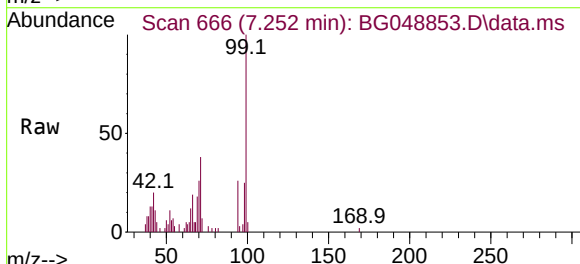
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2

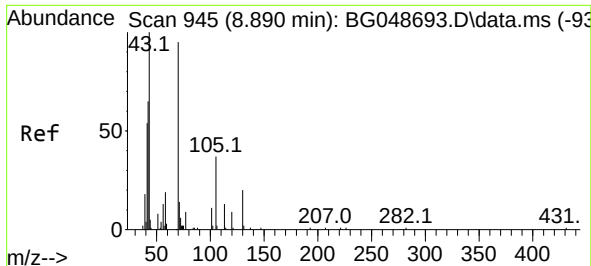
Tgt Ion: 99 Resp: 193928
Ion Ratio Lower Upper
99 100
42 23.3 20.5 30.7
71 50.3 41.5 62.3



#10
Phenol
Concen: 2.22 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Tgt Ion: 94 Resp: 4451
Ion Ratio Lower Upper
94 100
65 45.9 12.9 52.9
66 72.8 39.4 79.4



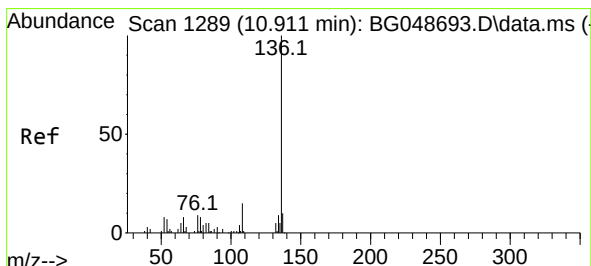
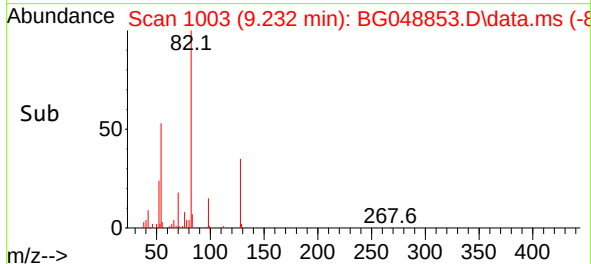
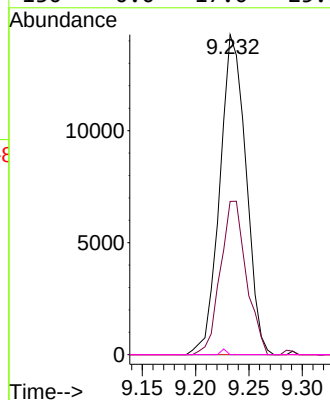
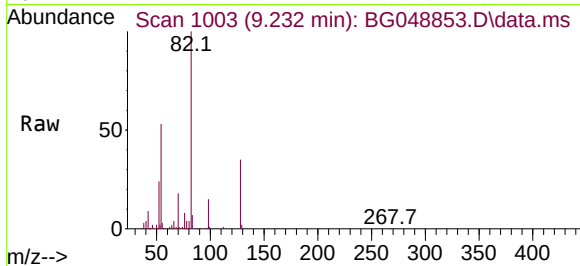


#19
n-Nitroso-di-n-propylamine
Concen: 17.68 ng
RT: 9.232 min Scan# 1003
Delta R.T. 0.360 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2

Tgt Ion: 70 Resp: 24371

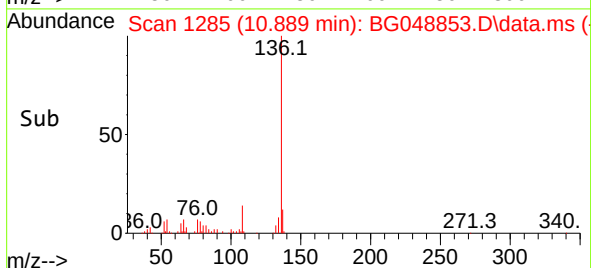
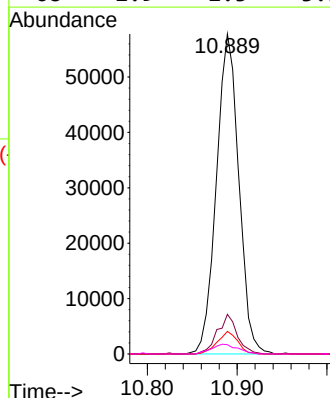
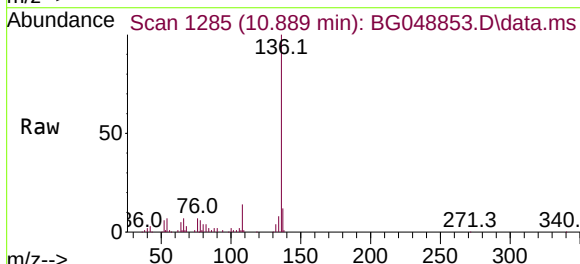
Ion	Ratio	Lower	Upper
70	100		
42	47.9	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

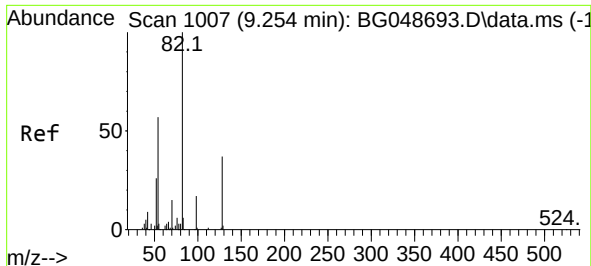


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.889 min Scan# 1285
Delta R.T. -0.004 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Tgt Ion: 136 Resp: 99981

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.2	12.2#
54	7.0	5.5	8.3
68	2.9	2.3	3.5

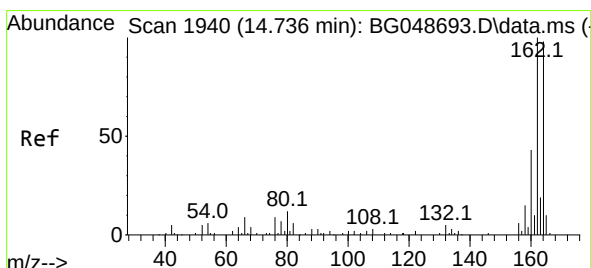
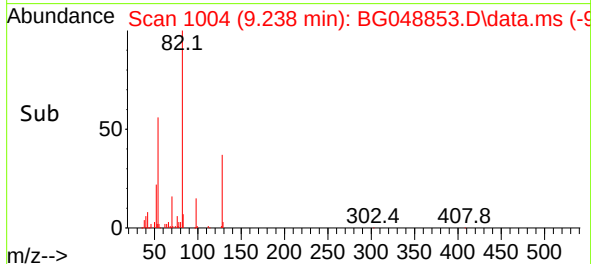
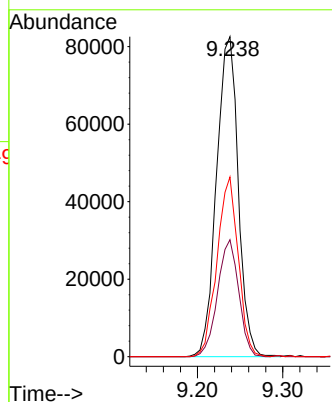
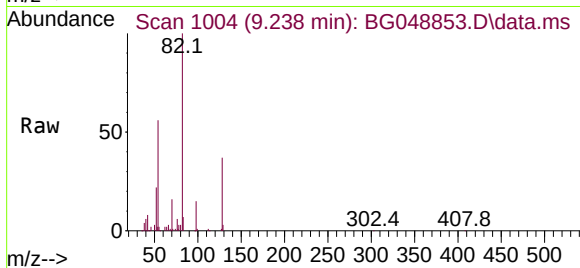




#23
Nitrobenzene-d5
Concen: 65.42 ng
RT: 9.238 min Scan# 1004
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

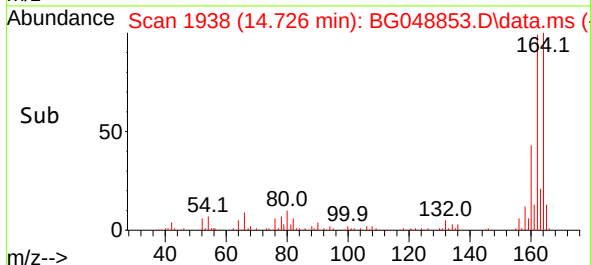
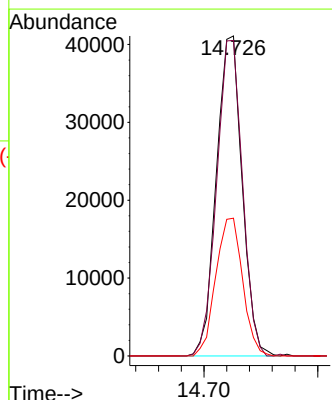
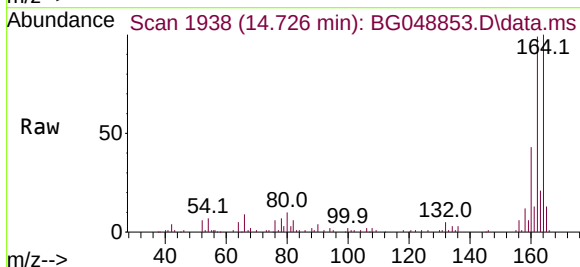
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2

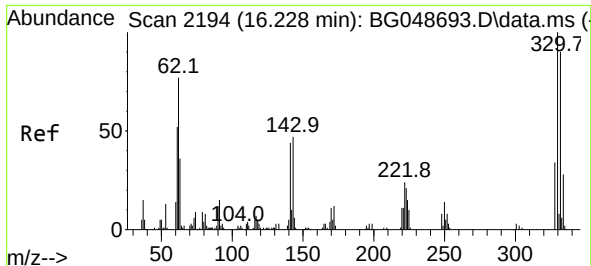
Tgt Ion: 82 Resp: 146101
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 56.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.726 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

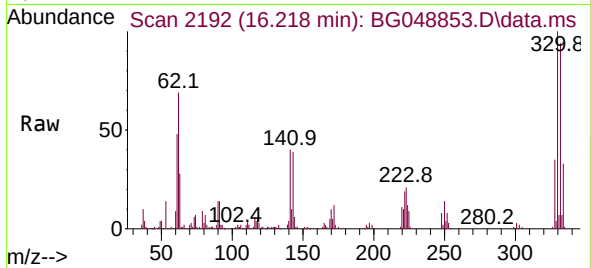
Tgt Ion: 164 Resp: 64700
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 43.1 34.9 52.3



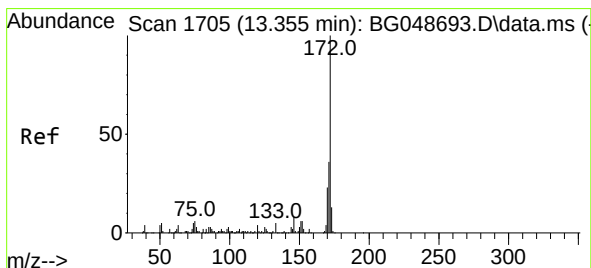
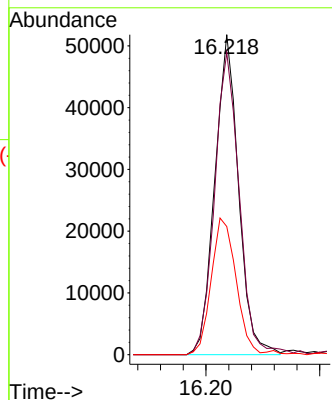
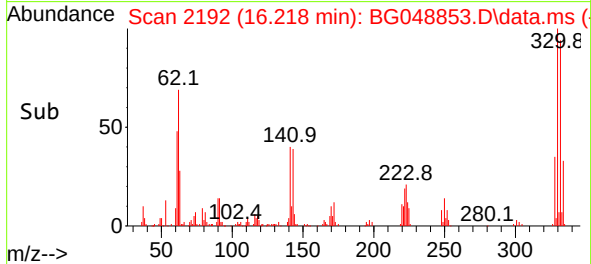


#42
2,4,6-Tribromophenol
Concen: 86.60 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

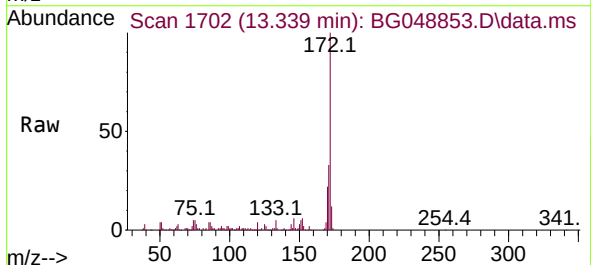
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2



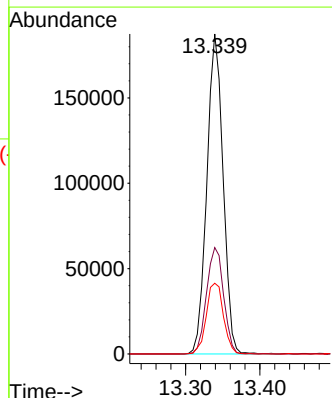
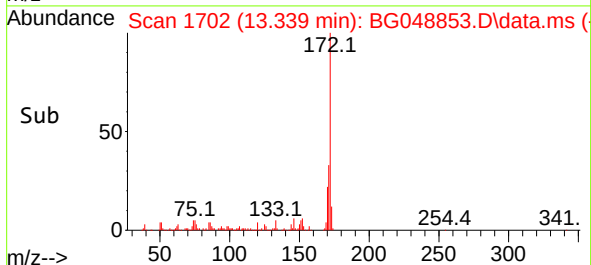
Tgt Ion:330 Resp: 75123
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 45.3 35.6 53.4

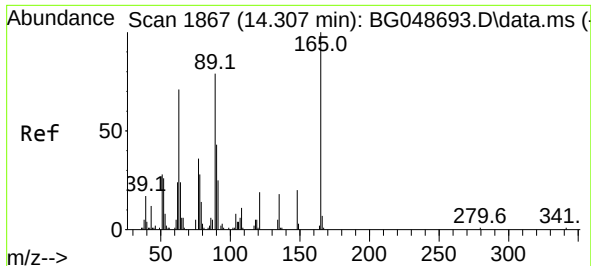


#45
2-Fluorobiphenyl
Concen: 63.57 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04



Tgt Ion:172 Resp: 284809
Ion Ratio Lower Upper
172 100
171 33.3 28.6 43.0
170 22.1 18.6 27.8

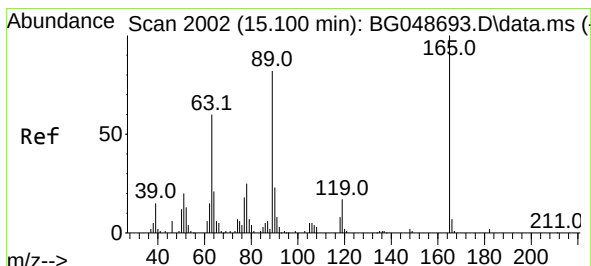
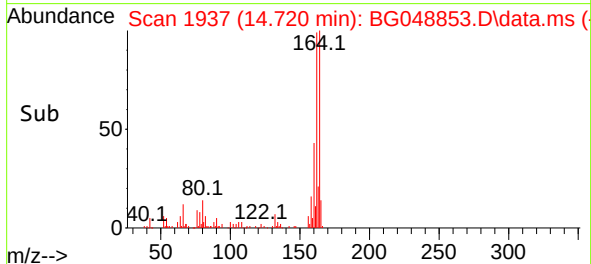
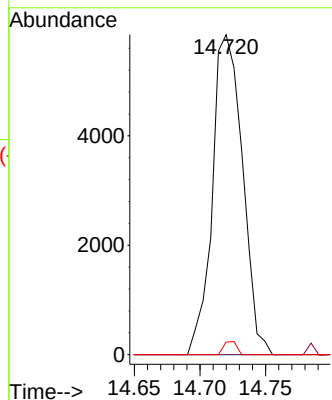
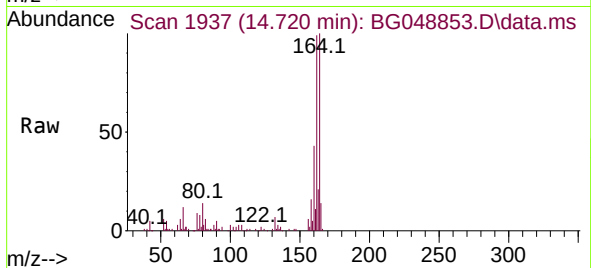




#51
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 14.720 min Scan# 1937
Delta R.T. 0.425 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

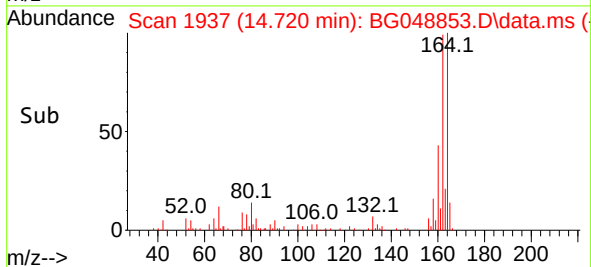
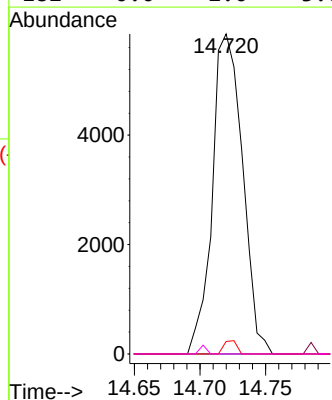
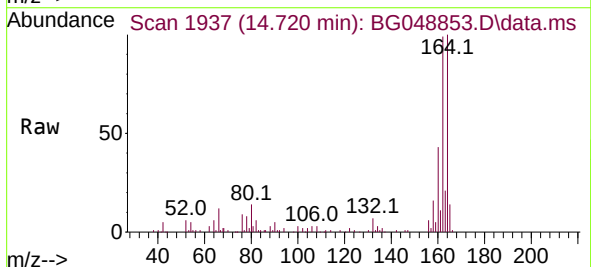
Instrument :
BNA_G
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RT-80-W-ROCKAWAY-B-2

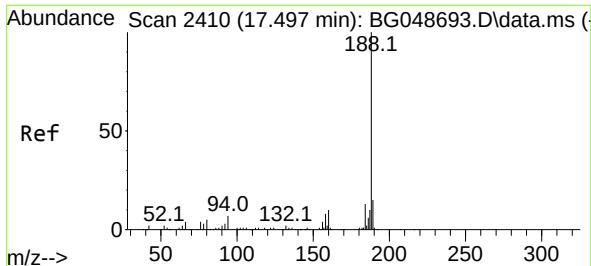
Tgt Ion:165 Resp: 9348
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 14.720 min Scan# 1937
Delta R.T. -0.362 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Tgt Ion:165 Resp: 9348
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#

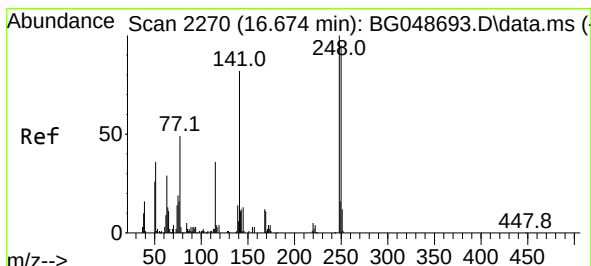
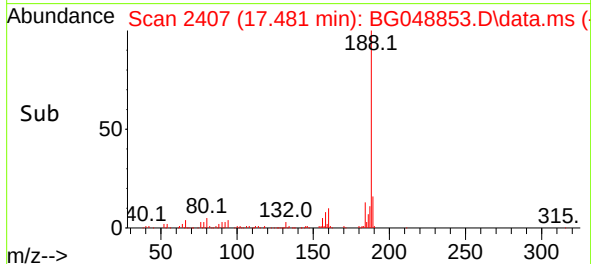
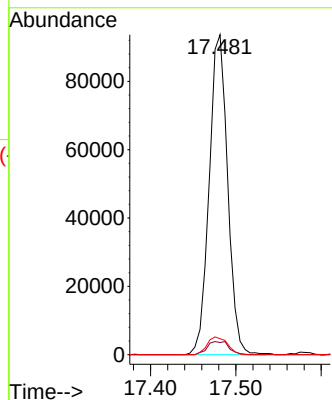
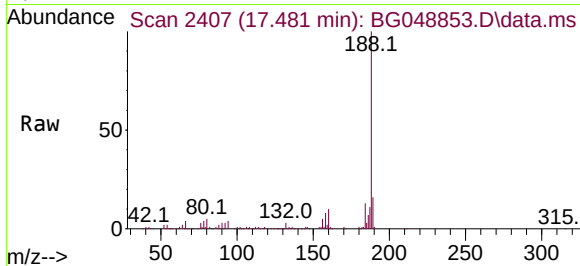




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2407
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

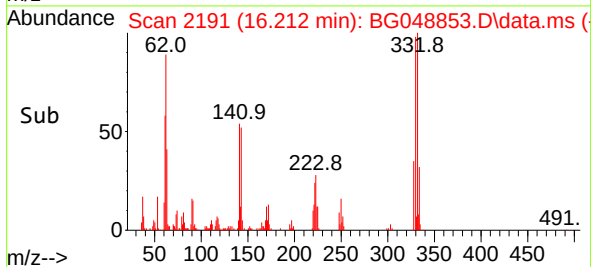
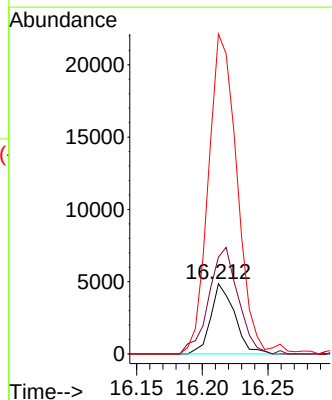
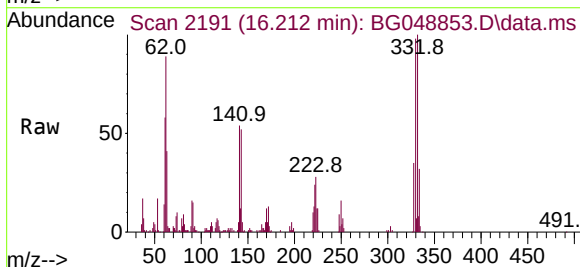
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2

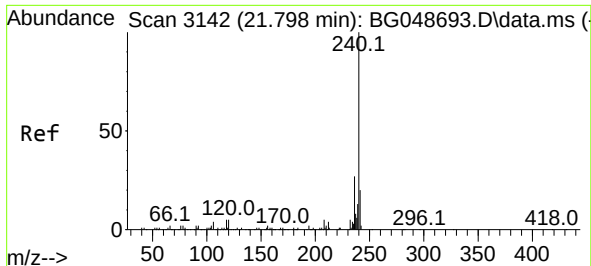
Tgt Ion:188 Resp: 140962
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 5.0 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Tgt Ion:248 Resp: 6156
Ion Ratio Lower Upper
248 100
250 137.7 76.1 114.1#
141 455.2 65.4 98.2#

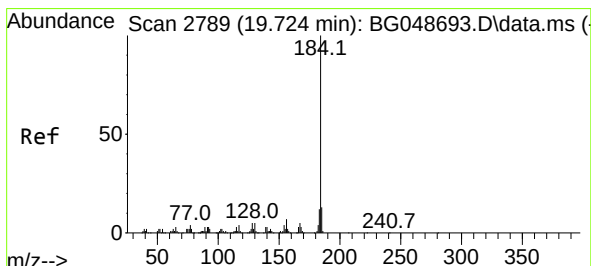
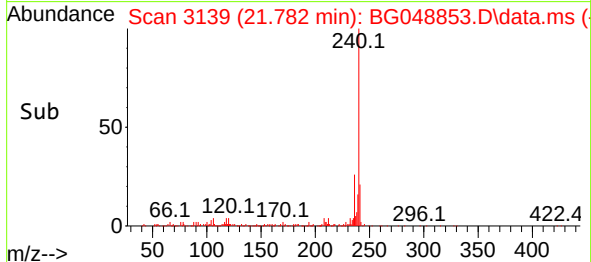
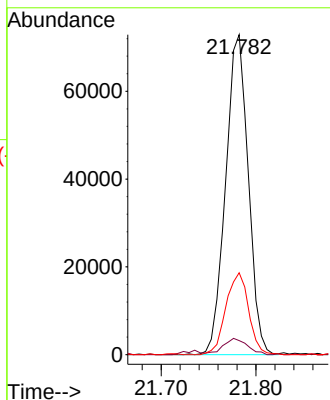
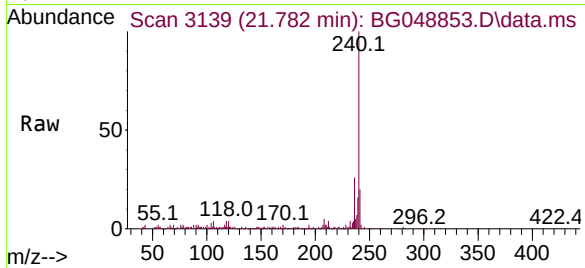




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

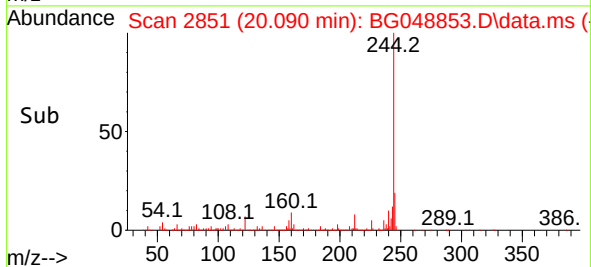
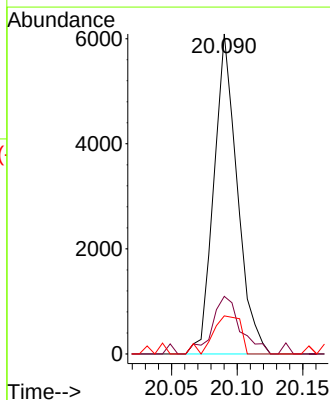
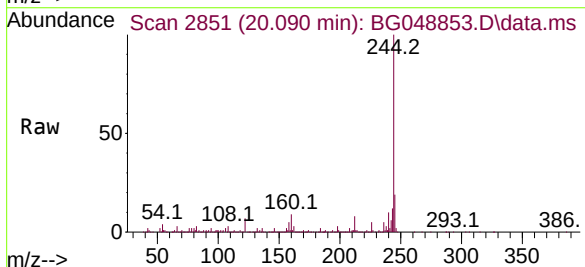
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2

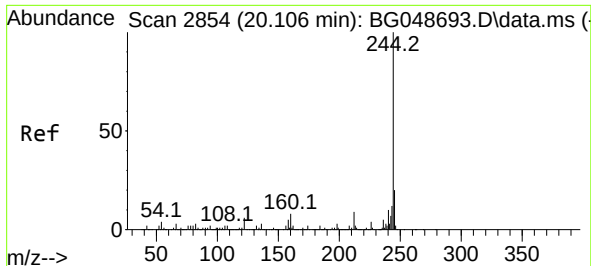
Tgt Ion:240 Resp: 120943
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 25.6 21.8 32.6



#77
Benzidine
Concen: 2.30 ng
RT: 20.090 min Scan# 2851
Delta R.T. 0.378 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Tgt Ion:184 Resp: 7540
Ion Ratio Lower Upper
184 100
185 18.0 10.7 16.1#
183 11.9 9.4 14.0

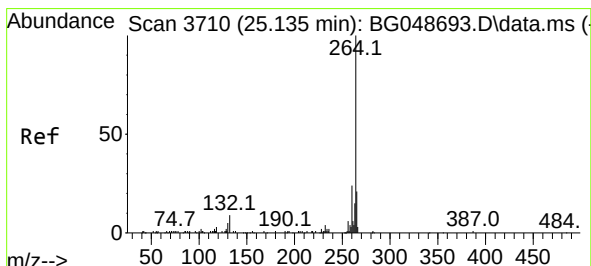
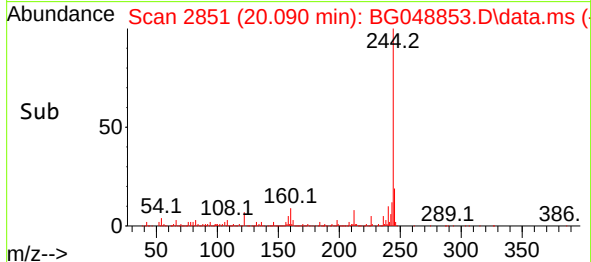
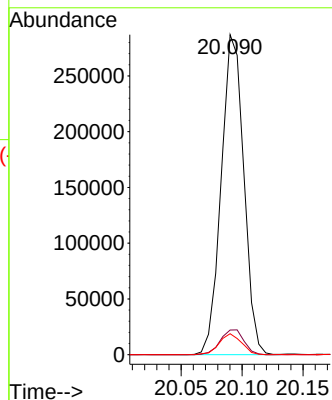
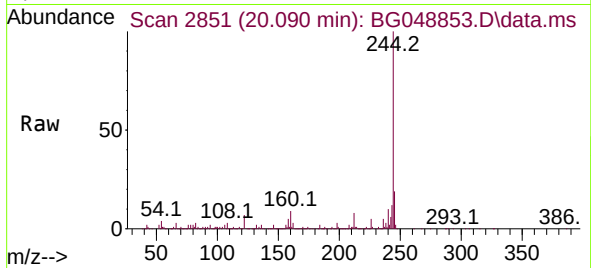




#79
Terphenyl-d14
Concen: 52.61 ng
RT: 20.090 min Scan# 2851
Delta R.T. -0.004 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-B-2

Tgt Ion:244 Resp: 369699
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.5 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.114 min Scan# 3706
Delta R.T. 0.002 min
Lab File: BG048853.D
Acq: 22 Apr 2021 19:04

Tgt Ion:264 Resp: 119026
Ion Ratio Lower Upper
264 100
260 26.3 19.4 29.2
265 19.6 16.9 25.3

