

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
 Data File : BG048393.D
 Acq On : 16 Mar 2021 17:19
 Operator : CG/JU
 Sample : PB135177BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135177BL

Quant Time: Mar 16 18:14:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

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

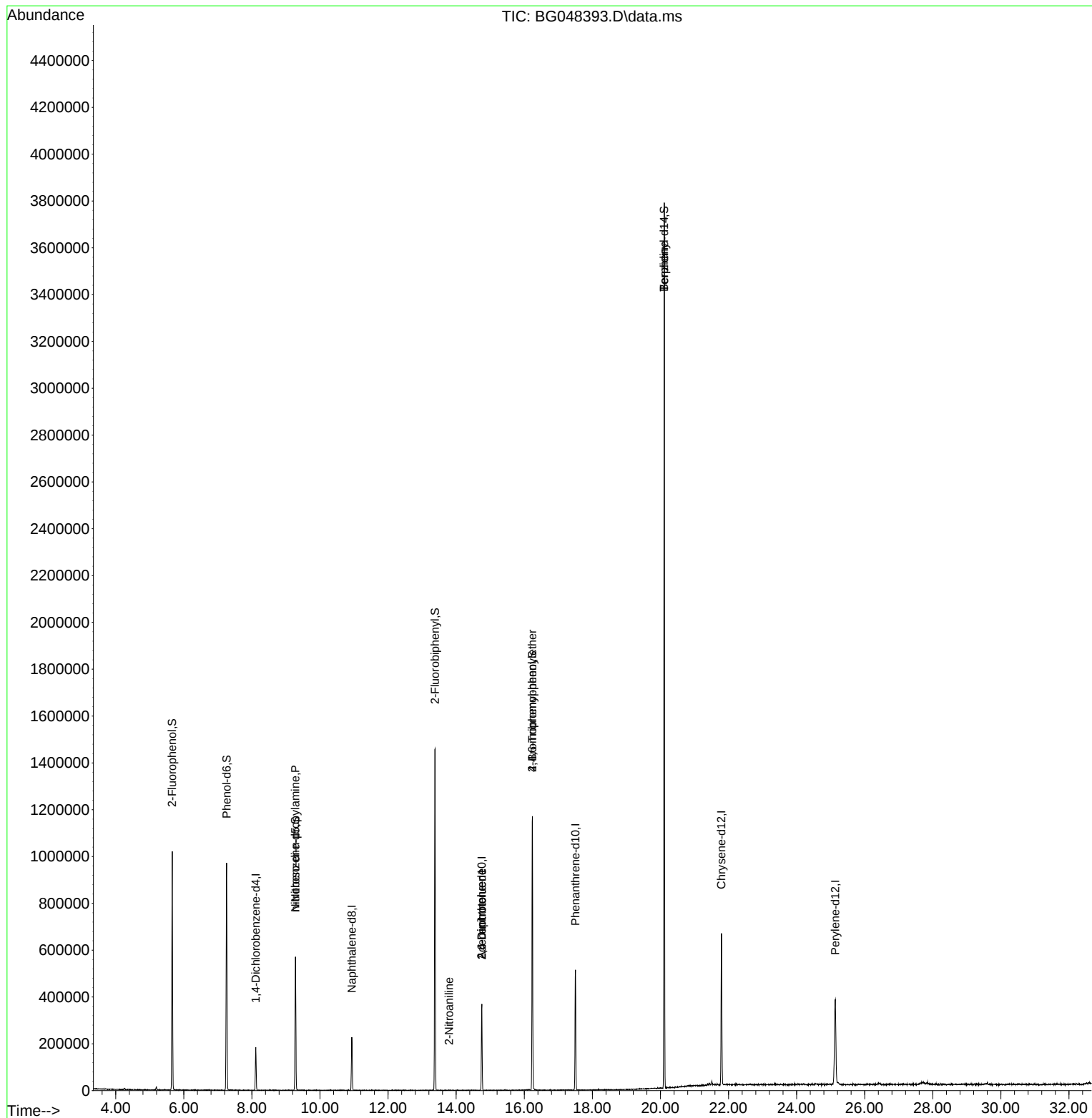
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	46642	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	174266	20.00	ng	0.00
39) Acenaphthene-d10	14.754	164	128505	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	326496	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	412953	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	404273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	364958	134.40	ng	0.00
7) Phenol-d6	7.257	99	470517	117.61	ng	0.00
23) Nitrobenzene-d5	9.278	82	347396	88.58	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	213154	129.65	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	733073	80.40	ng	0.00
79) Terphenyl-d14	20.112	244	1656312	77.52	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1489	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.278	70	50722	16.45	ng	# 82
48) 2-Nitroaniline	13.790	65	124	3.52	ng	# 1
51) 2,6-Dinitrotoluene	14.754	165	16811	8.94	ng	# 34
57) 2,4-Dinitrotoluene	14.754	165	16811	7.68	ng	# 33
67) 4-Bromophenyl-phenylether	16.241	248	14823	3.78	ng	# 1
77) Benzidine	20.112	184	30602	2.86	ng	96

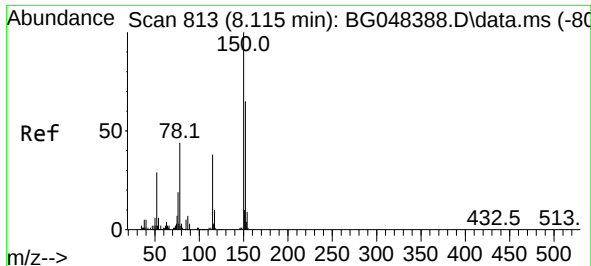
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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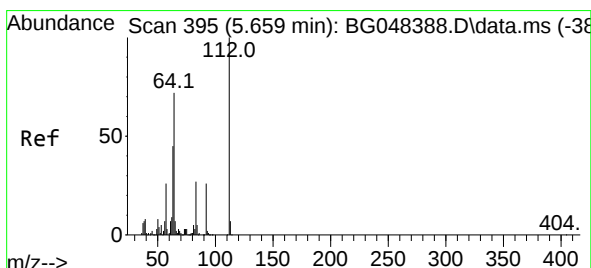
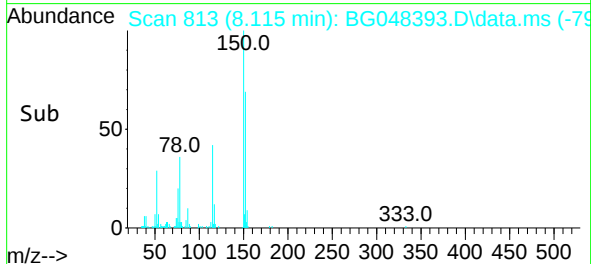
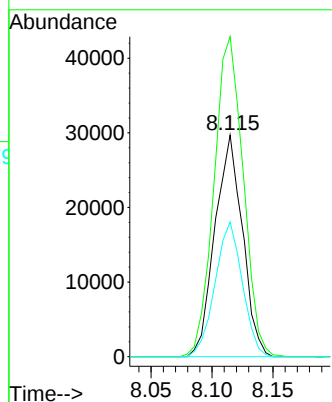
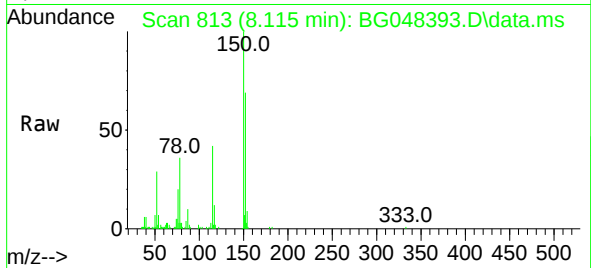




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

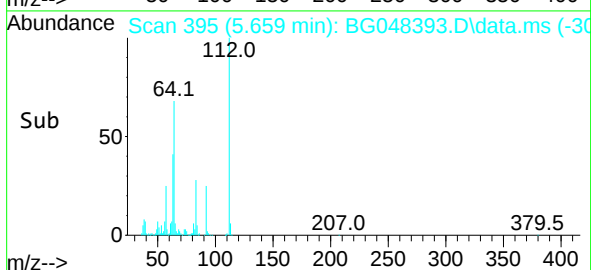
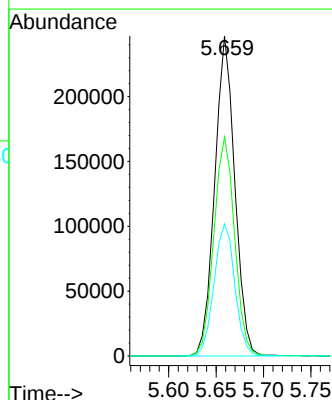
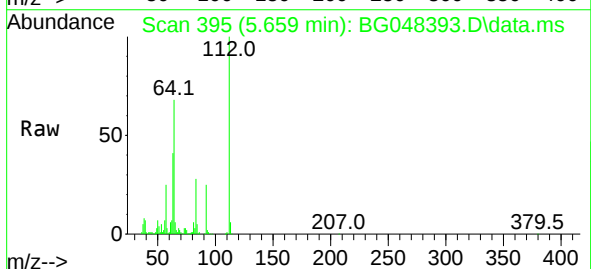
Instrument :
BNA_G
ClientSampleId :
PB135177BL

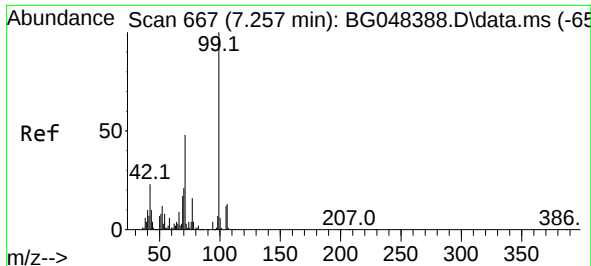
Tgt Ion:152 Resp: 46642
Ion Ratio Lower Upper
152 100
150 144.4 125.0 187.6
115 60.8 41.8 62.6



#5
2-Fluorophenol
Concen: 134.40 ng
RT: 5.659 min Scan# 395
Delta R.T. -0.000 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion:112 Resp: 364958
Ion Ratio Lower Upper
112 100
64 68.5 46.7 70.1
63 41.2 22.8 34.2#

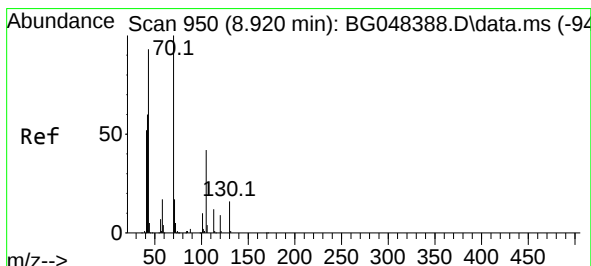
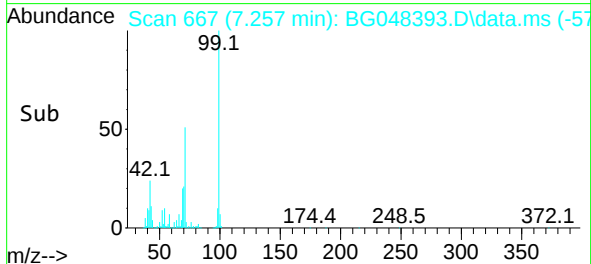
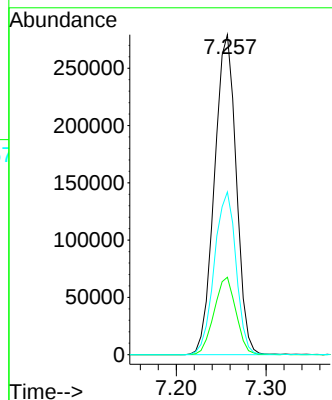
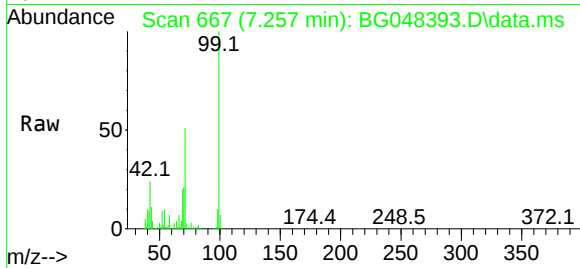




#7
Phenol-d6
Concen: 117.61 ng
RT: 7.257 min Scan# 667
Delta R.T. -0.000 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

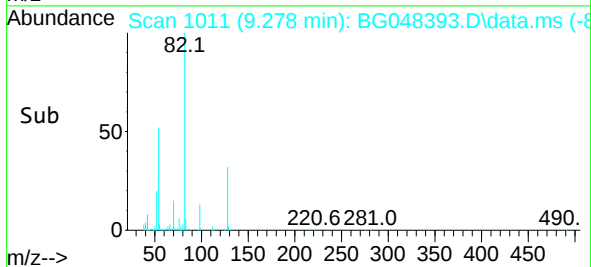
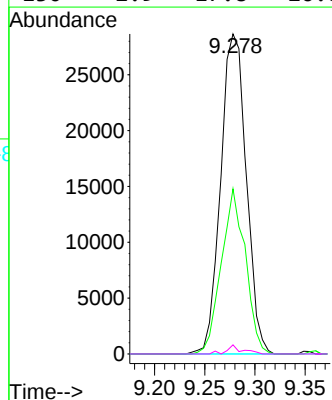
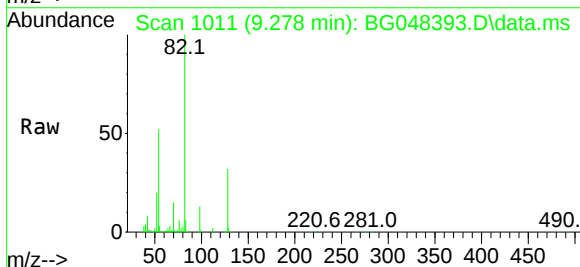
Instrument :
BNA_G
ClientSampleId :
PB135177BL

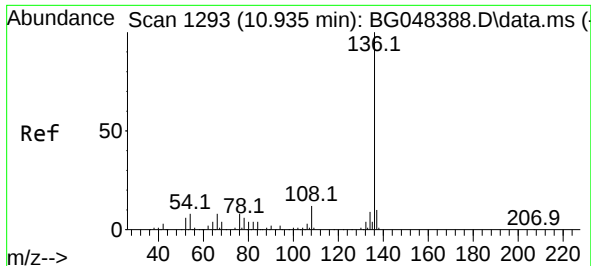
Tgt Ion: 99 Resp: 470517
Ion Ratio Lower Upper
99 100
42 24.2 12.8 19.2#
71 50.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.358 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion: 70 Resp: 50722
Ion Ratio Lower Upper
70 100
42 51.6 45.6 68.4
101 0.0 8.4 12.6#
130 2.9 17.8 26.8#

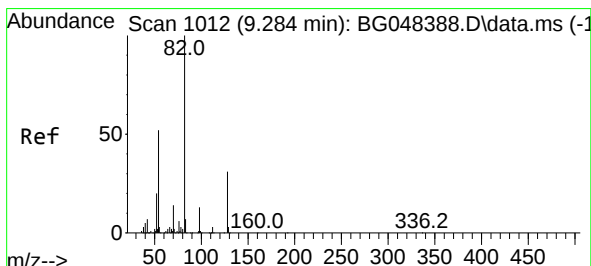
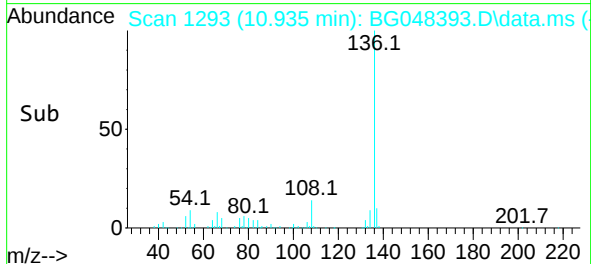
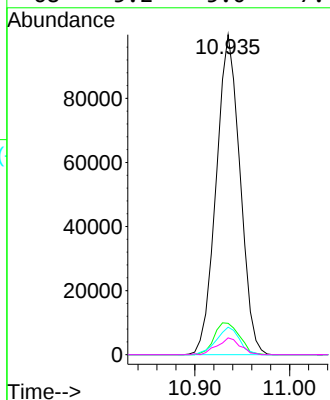
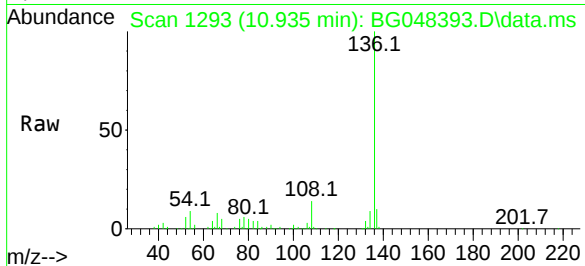




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

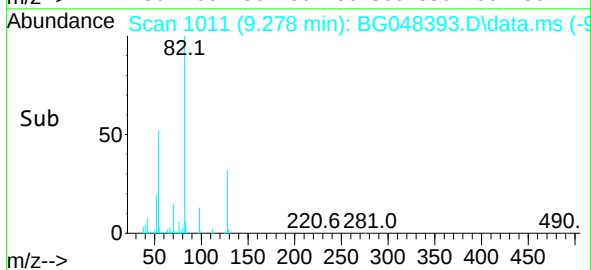
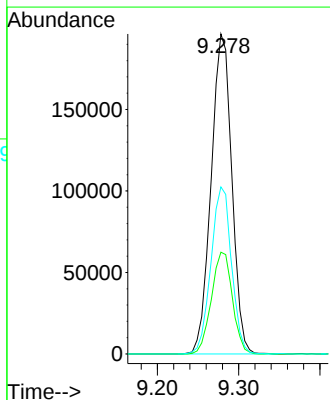
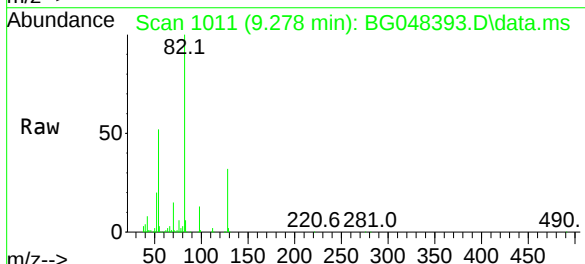
Instrument :
BNA_G
ClientSampleId :
PB135177BL

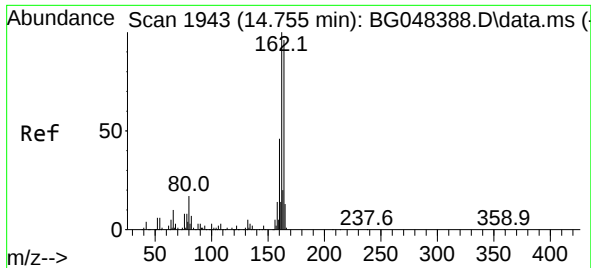
Tgt Ion:	136	Resp:	174266
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.1	13.7
54	8.6	6.2	9.4
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.58 ng
RT: 9.278 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion:	82	Resp:	347396
Ion	Ratio	Lower	Upper
82	100		
128	31.8	37.0	55.6#
54	52.2	39.0	58.4

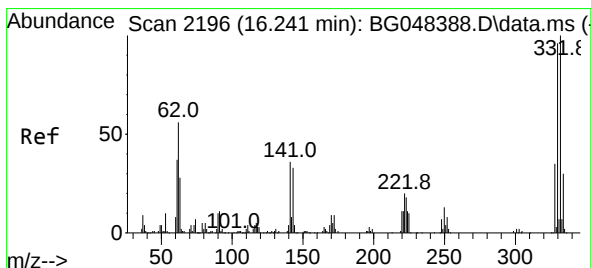
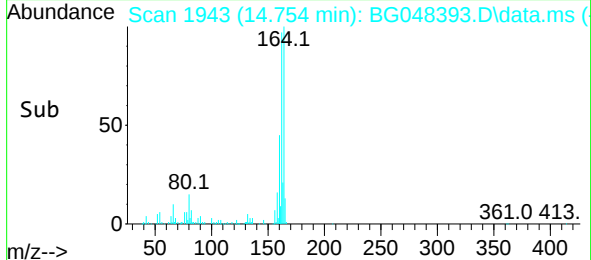
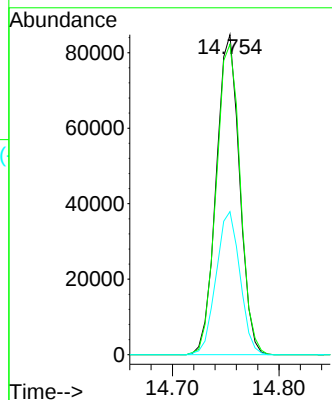
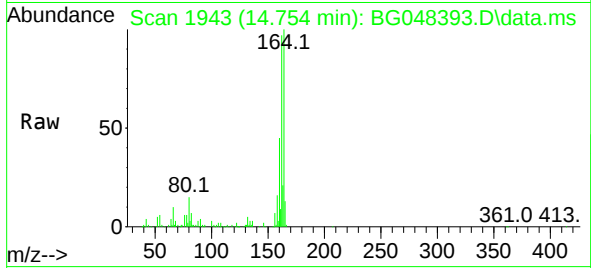




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

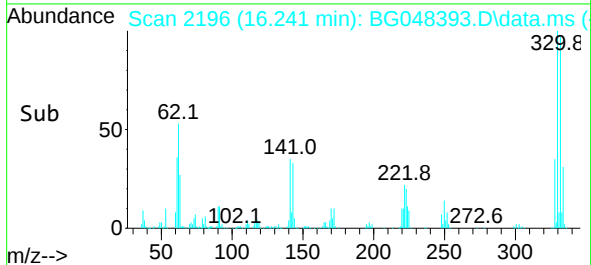
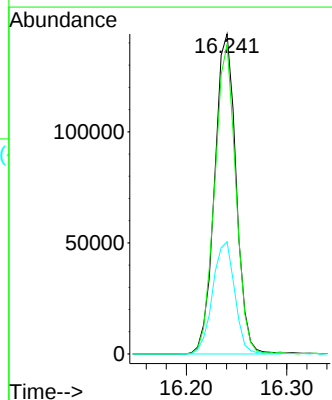
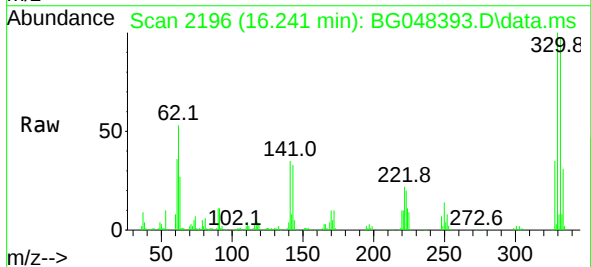
Instrument :
BNA_G
ClientSampleId :
PB135177BL

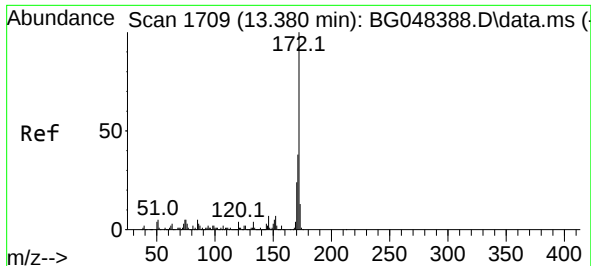
Tgt Ion:164 Resp: 128505
Ion Ratio Lower Upper
164 100
162 97.0 82.3 123.5
160 44.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 129.65 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion:330 Resp: 213154
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 36.3 26.0 39.0



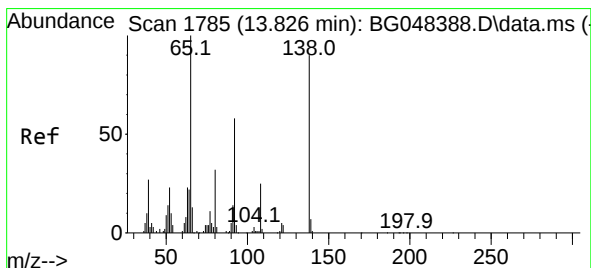
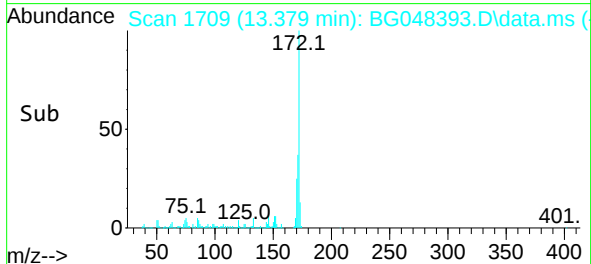
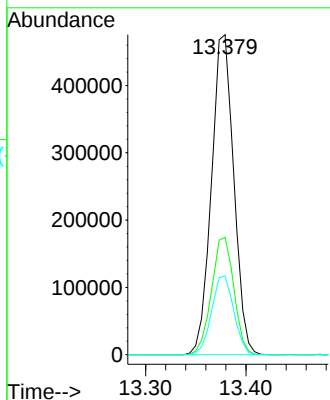
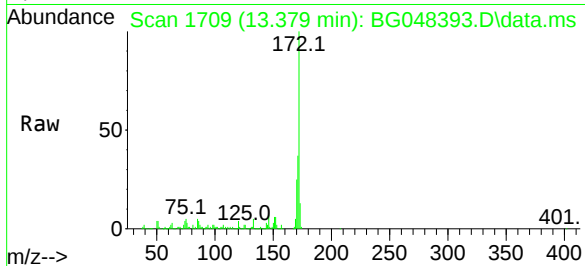


#45
2-Fluorobiphenyl
Concen: 80.40 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Instrument :
BNA_G
ClientSampleId :
PB135177BL

Tgt Ion:172 Resp: 733073

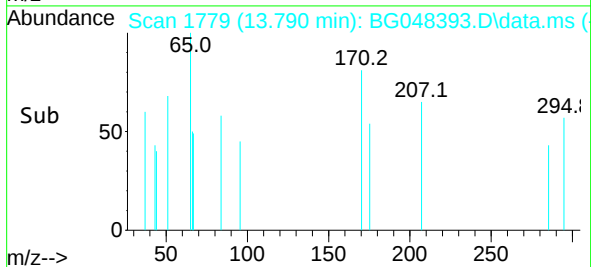
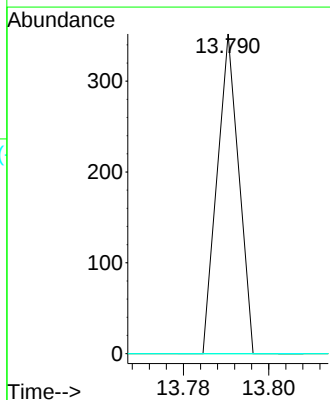
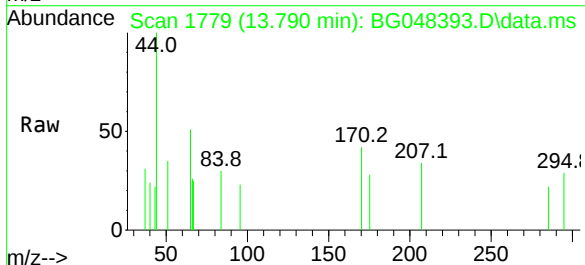
Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.3	46.9
170	24.7	20.8	31.2

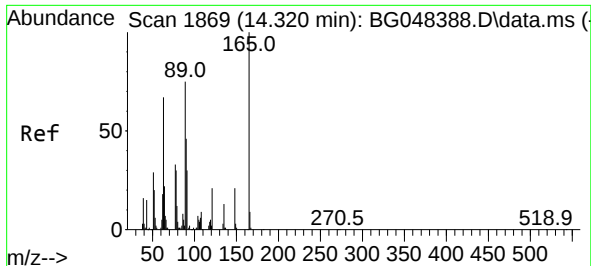


#48
2-Nitroaniline
Concen: 3.52 ng
RT: 13.790 min Scan# 1779
Delta R.T. -0.036 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion: 65 Resp: 124

Ion	Ratio	Lower	Upper
65	100		
92	0.0	58.6	88.0#
138	0.0	98.2	147.4#

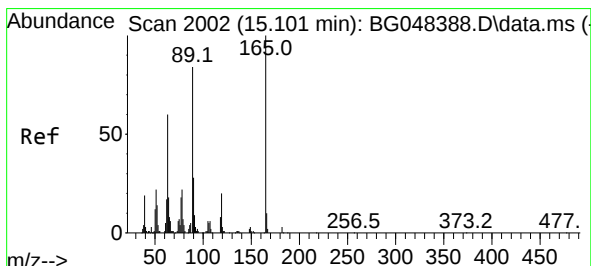
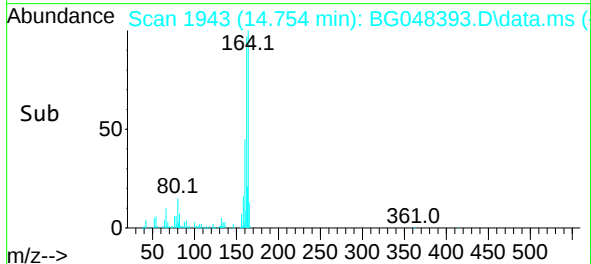
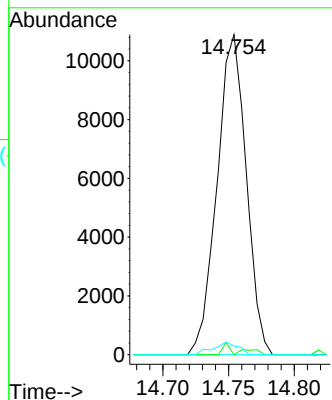
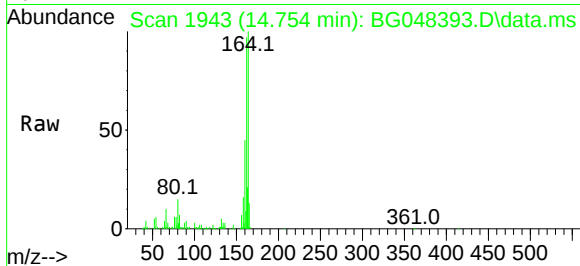




#51
2,6-Dinitrotoluene
Concen: 8.94 ng
RT: 14.754 min Scan# 1943
Delta R.T. 0.434 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

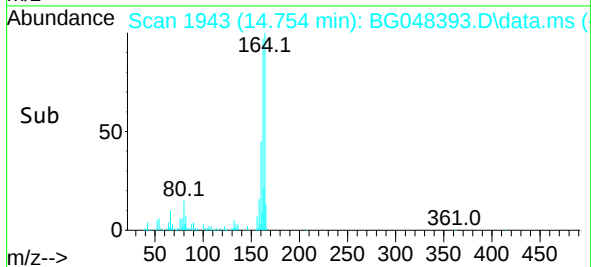
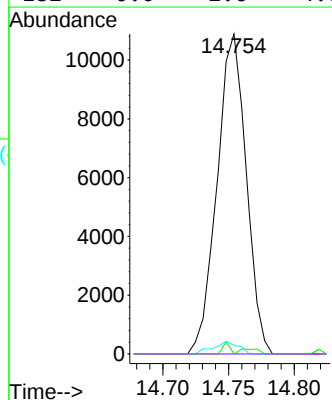
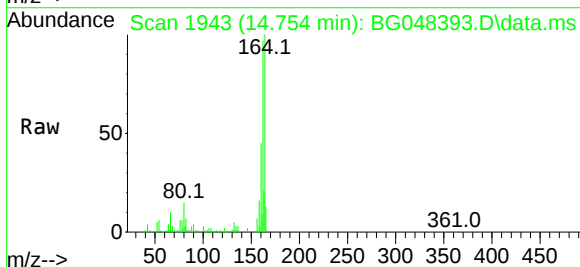
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ClientSampleId :
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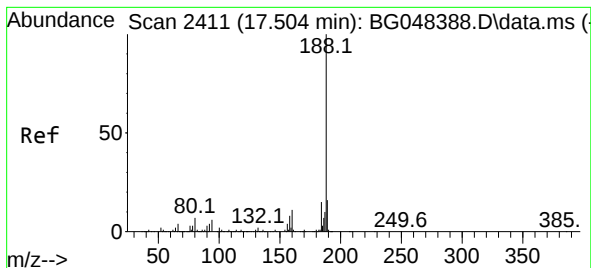
Tgt Ion:165 Resp: 16811
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.68 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.347 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion:165 Resp: 16811
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#

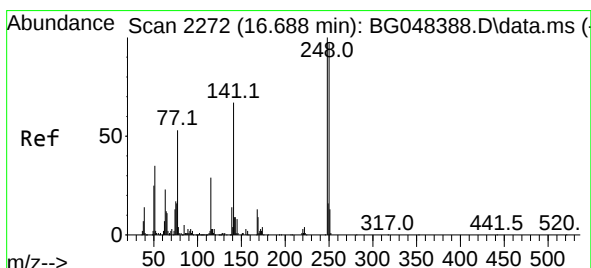
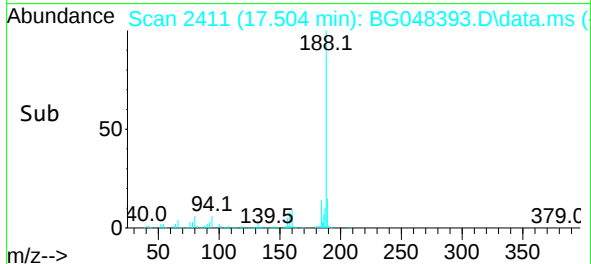
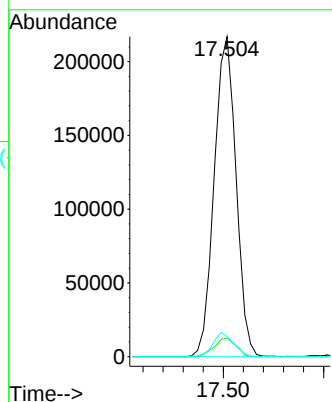
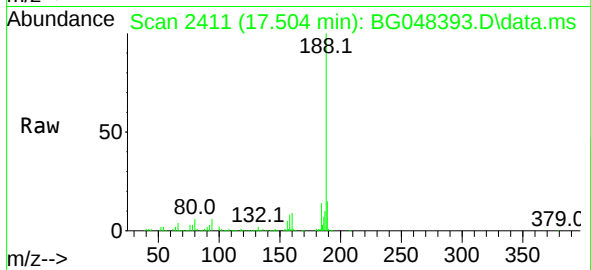




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

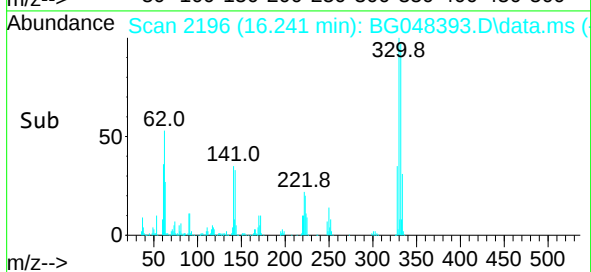
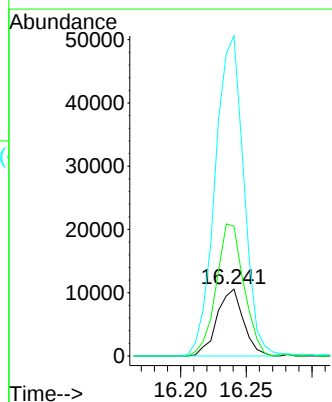
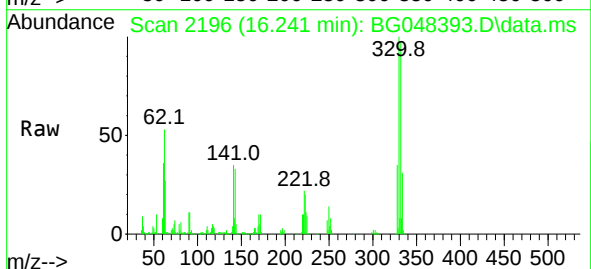
Instrument :
BNA_G
ClientSampleId :
PB135177BL

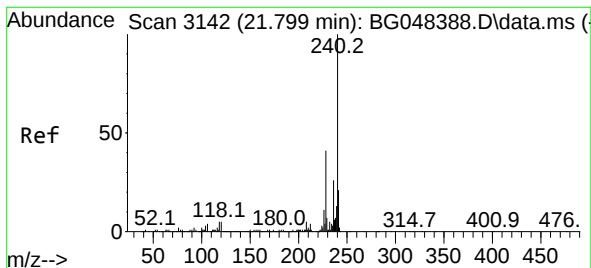
Tgt Ion:188 Resp: 326496
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.3 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.447 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion:248 Resp: 14823
Ion Ratio Lower Upper
248 100
250 194.4 78.9 118.3#
141 478.8 46.2 69.4#

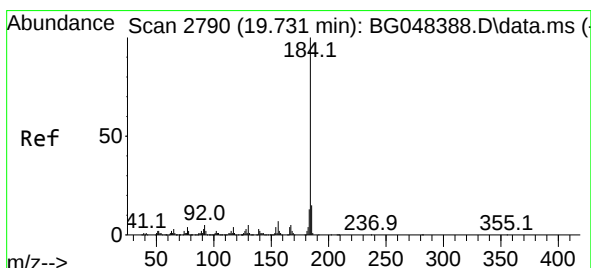
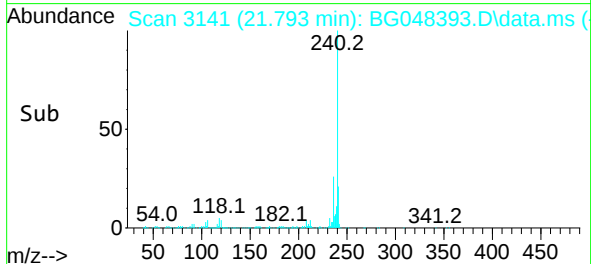
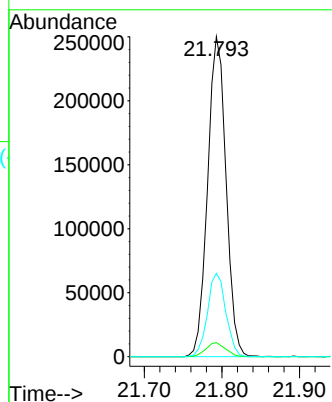
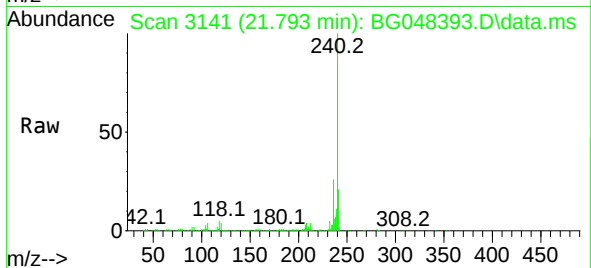




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

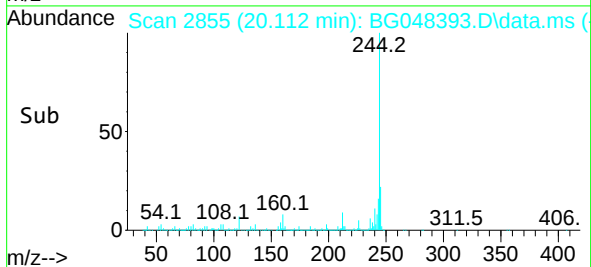
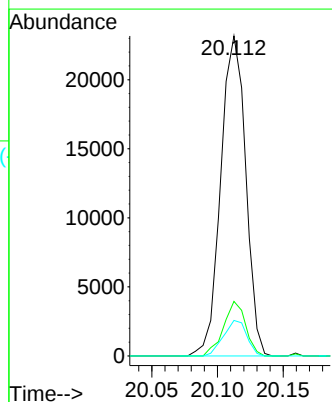
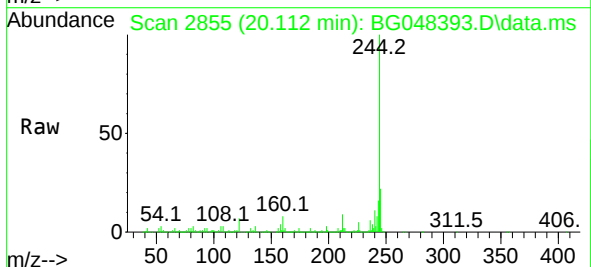
Instrument :
BNA_G
ClientSampleId :
PB135177BL

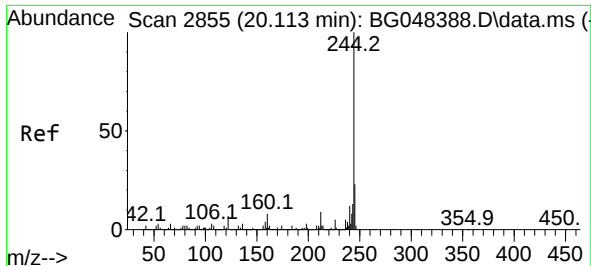
Tgt Ion:240 Resp: 412953
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 26.0 20.5 30.7



#77
Benzidine
Concen: 2.86 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.381 min
Lab File: BG048393.D
Acq: 16 Mar 2021 17:19

Tgt Ion:184 Resp: 30602
Ion Ratio Lower Upper
184 100
185 17.0 12.4 18.6
183 11.1 10.6 15.8

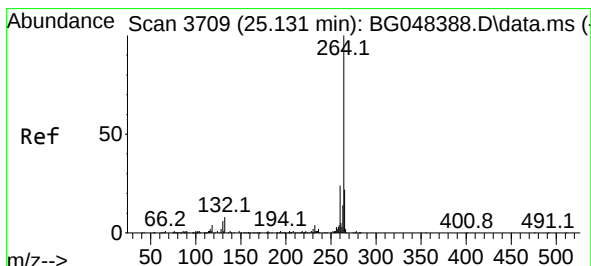
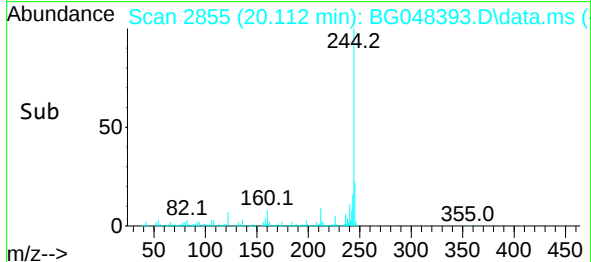
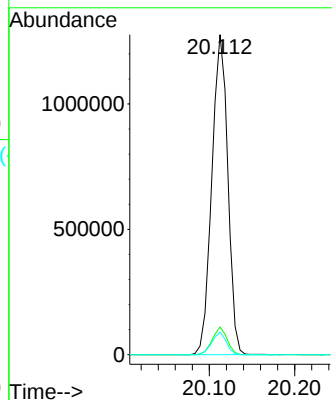
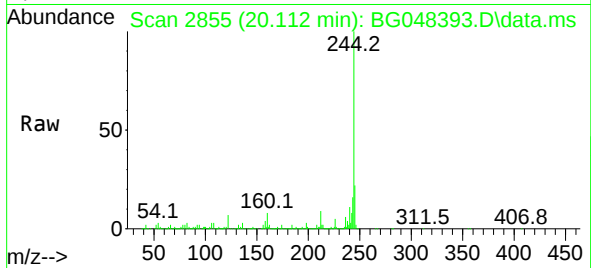




#79
 Terphenyl-d14
 Concen: 77.52 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. -0.000 min
 Lab File: BG048393.D
 Acq: 16 Mar 2021 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB135177BL

Tgt Ion:244 Resp: 1656312
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 7.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. 0.005 min
 Lab File: BG048393.D
 Acq: 16 Mar 2021 17:19

Tgt Ion:264 Resp: 404273
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.5 17.8 26.8

