

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092320\
 Data File : BG046692.D
 Acq On : 23 Sep 2020 15:17
 Operator : CG/JU
 Sample : PB131828BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131828BL

Quant Time: Sep 23 17:42:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

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

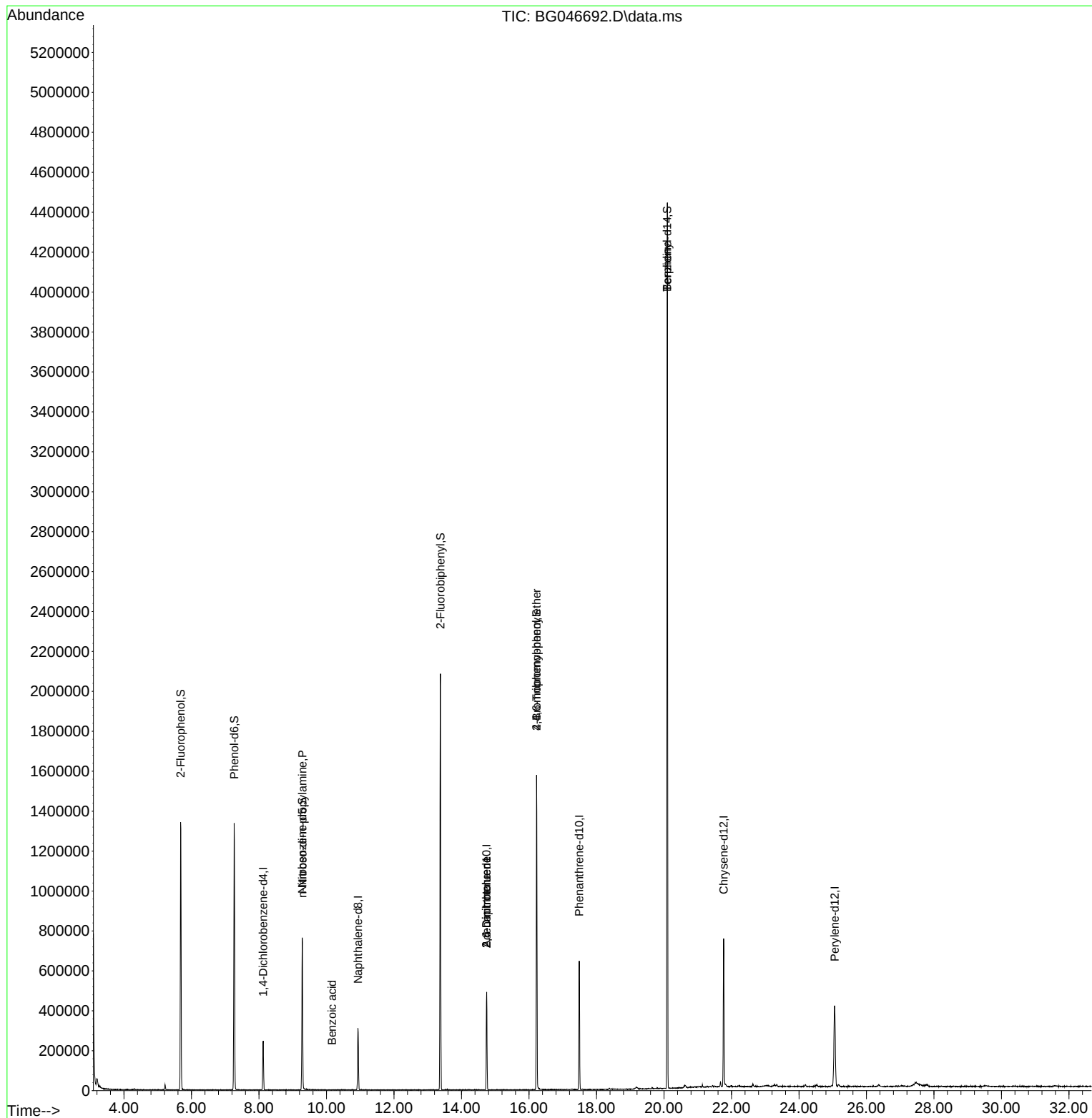
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	66331	20.00	ng	# 0.00
21) Naphthalene-d8	10.932	136	245001	20.00	ng	0.00
39) Acenaphthene-d10	14.746	164	165228	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	403124	20.00	ng	0.00
76) Chrysene-d12	21.767	240	461932	20.00	ng	#-0.01
86) Perylene-d12	25.057	264	446953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	545011	131.63	ng	0.00
7) Phenol-d6	7.266	99	699220	119.72	ng	0.00
23) Nitrobenzene-d5	9.281	82	427374	92.80	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	270358	124.09	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	1069327	91.62	ng	0.00
79) Terphenyl-d14	20.098	244	1912942	83.00	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.272	77	1579	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.287	70	63262	15.80	ng	# 77
32) Benzoic acid	10.169	122	62	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.746	165	22760	10.61	ng	# 34
57) 2,4-Dinitrotoluene	14.746	165	22760	8.01	ng	# 32
67) 4-Bromophenyl-phenylether	16.226	248	19536	3.84	ng	# 1
77) Benzidine	20.098	184	32847	2.31	ng	# 91

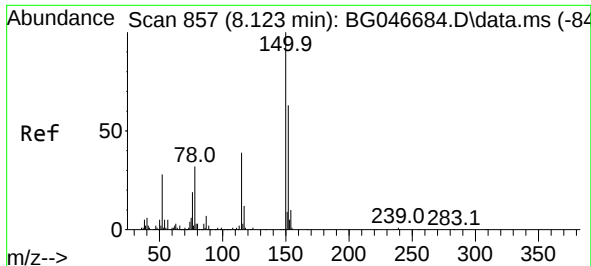
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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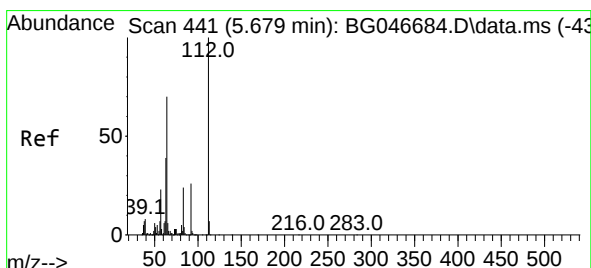
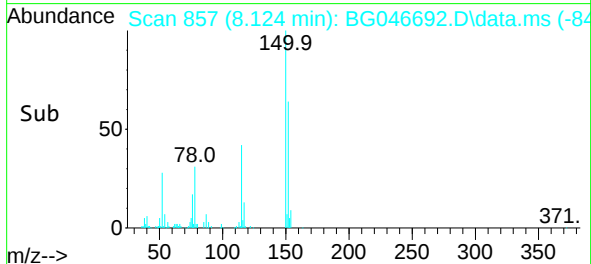
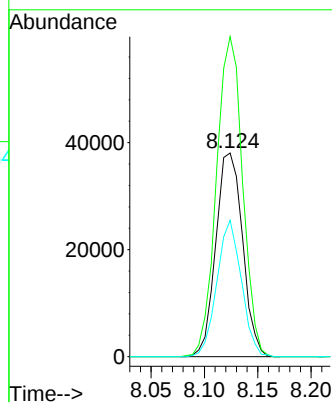
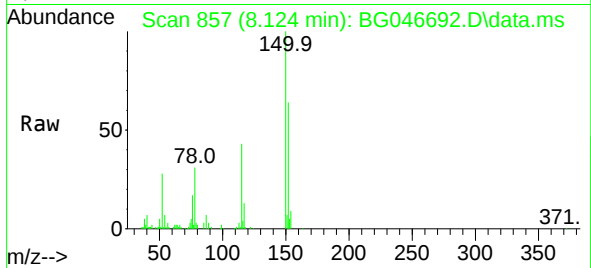




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.124 min Scan# 857
Delta R.T. 0.001 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

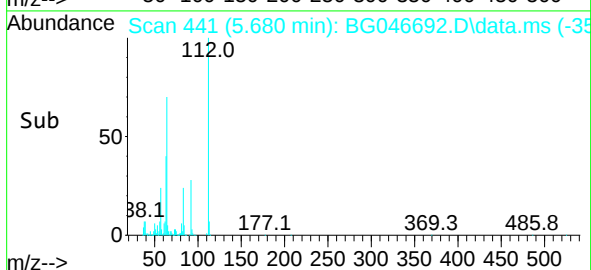
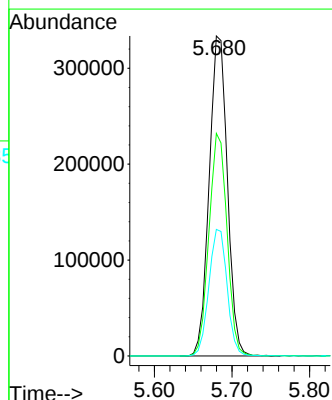
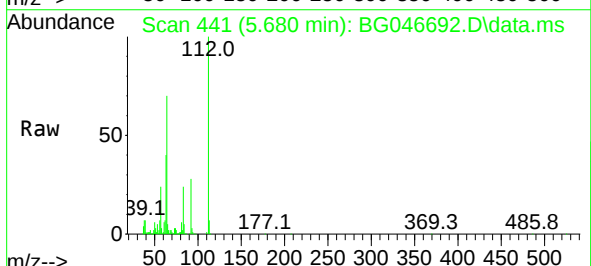
Instrument :
BNA_G
ClientSampleId :
PB131828BL

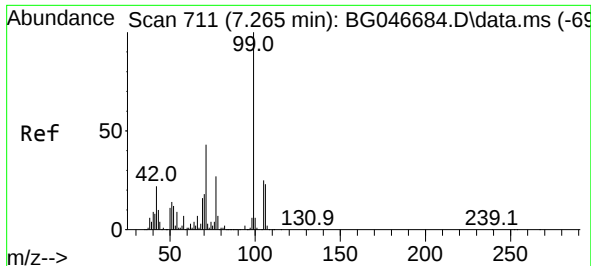
Tgt Ion:152 Resp: 66331
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.6
115 67.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 131.63 ng
RT: 5.680 min Scan# 441
Delta R.T. 0.001 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion:112 Resp: 545011
Ion Ratio Lower Upper
112 100
64 69.6 46.7 70.1
63 39.6 22.8 34.2#

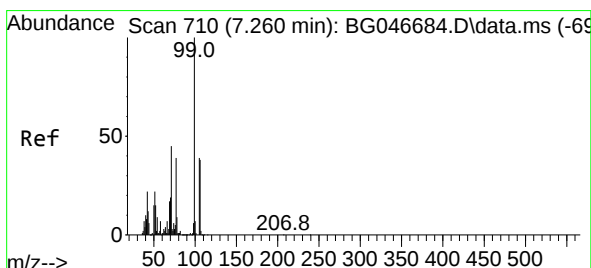
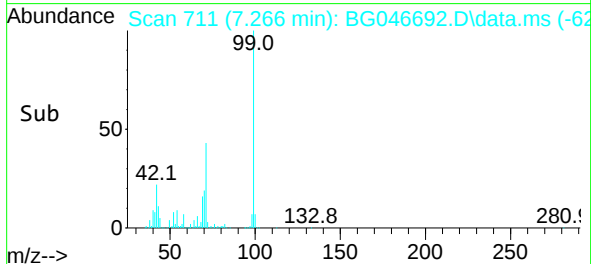
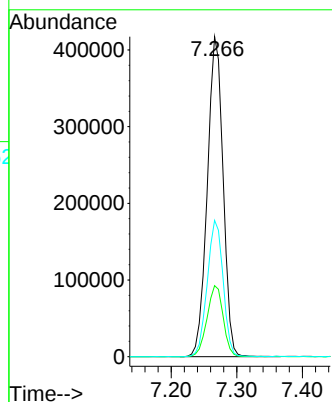
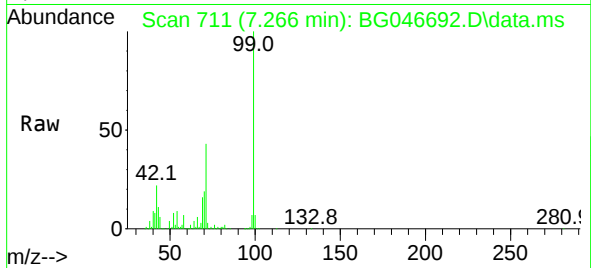




#7
Phenol-d6
Concen: 119.72 ng
RT: 7.266 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

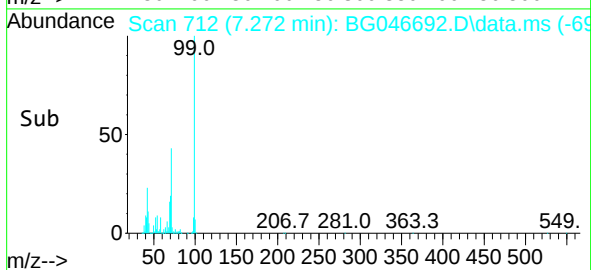
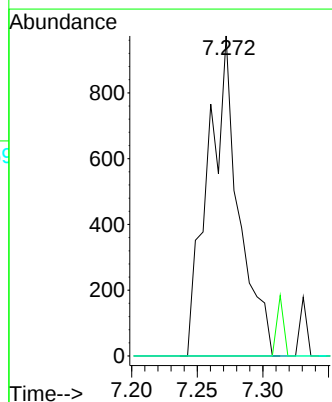
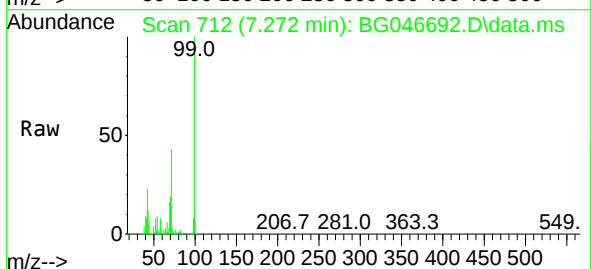
Instrument :
BNA_G
ClientSampleId :
PB131828BL

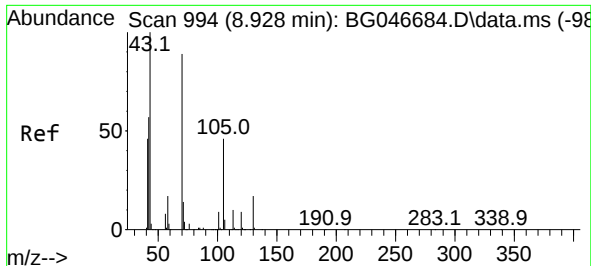
Tgt Ion: 99 Resp: 699220
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 42.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.272 min Scan# 712
Delta R.T. 0.012 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion: 77 Resp: 1579
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

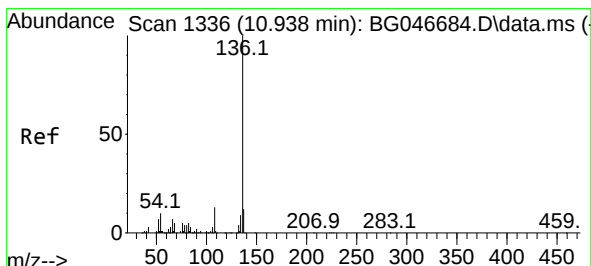
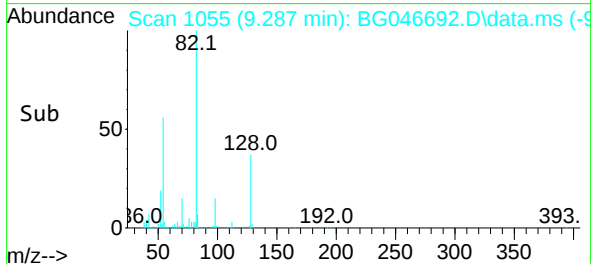
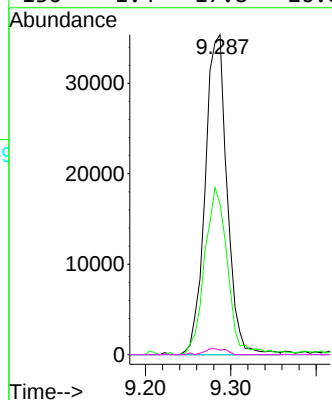
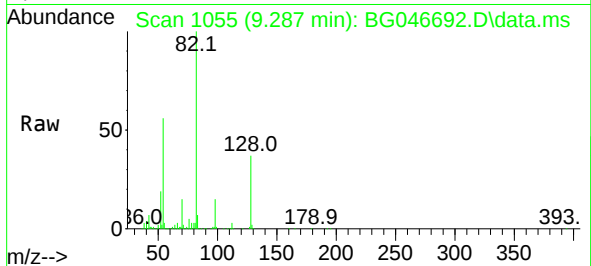




#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 9.287 min Scan# 1055
Delta R.T. 0.359 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

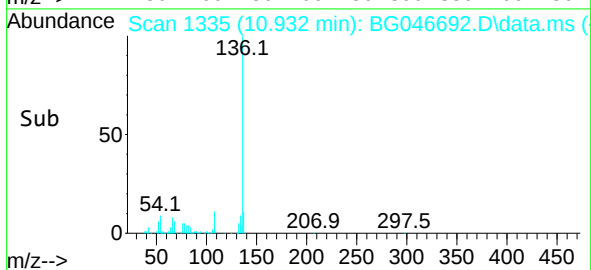
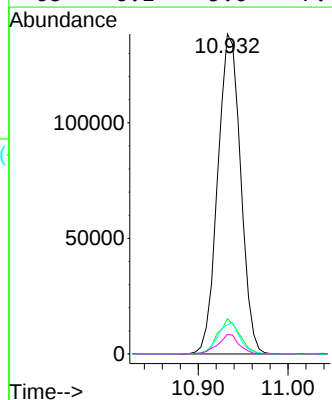
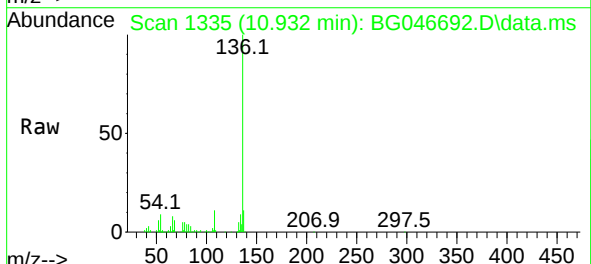
Instrument :
BNA_G
ClientSampleId :
PB131828BL

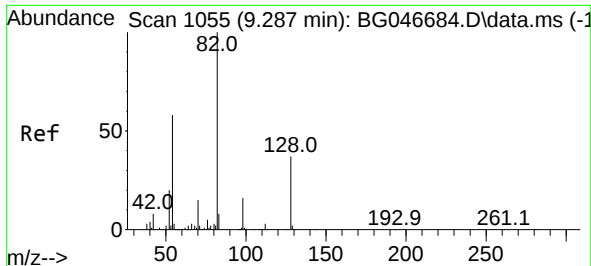
Tgt Ion: 70 Resp: 63262
Ion Ratio Lower Upper
70 100
42 47.0 45.6 68.4
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion:136 Resp: 245001
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.2 6.2 9.4
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.80 ng

RT: 9.281 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BG046692.D

Acq: 23 Sep 2020 15:17

Tgt Ion: 82 Resp: 427374

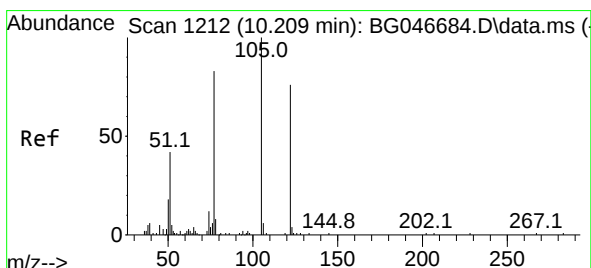
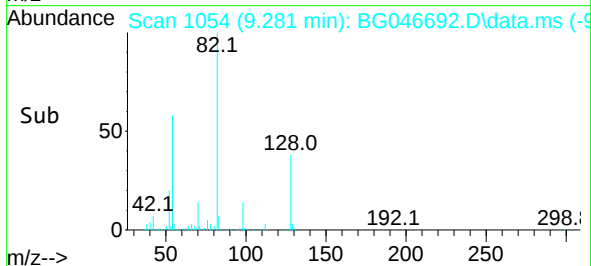
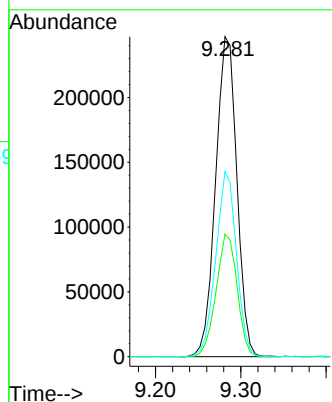
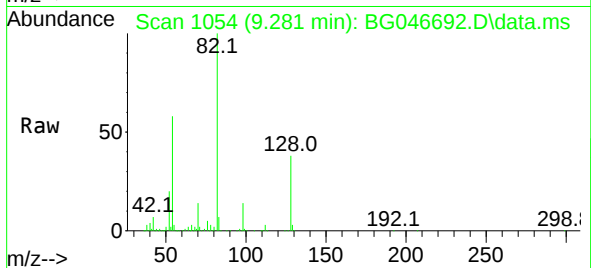
Ion	Ratio	Lower	Upper
82	100		
128	38.4	37.0	55.6
54	57.9	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

PB131828BL



#32

Benzoic acid

Concen: 6.37 ng

RT: 10.169 min Scan# 1205

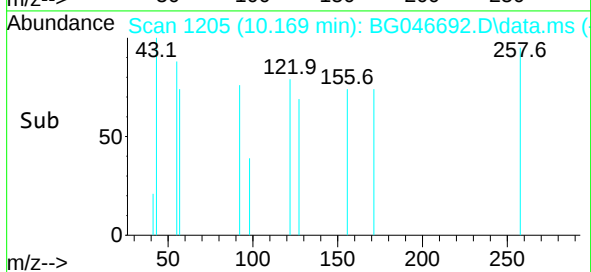
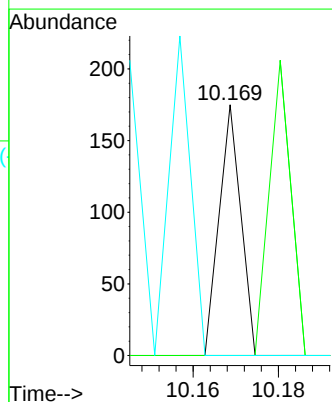
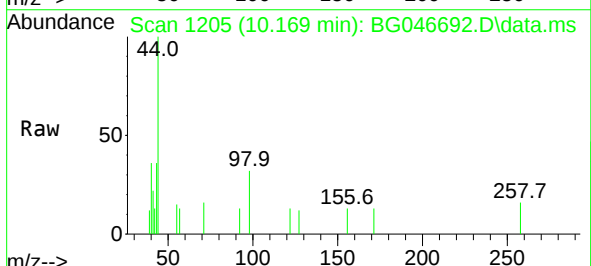
Delta R.T. -0.040 min

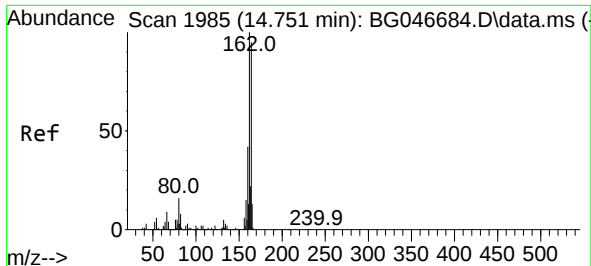
Lab File: BG046692.D

Acq: 23 Sep 2020 15:17

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.7	143.7#
77	0.0	63.0	103.0#

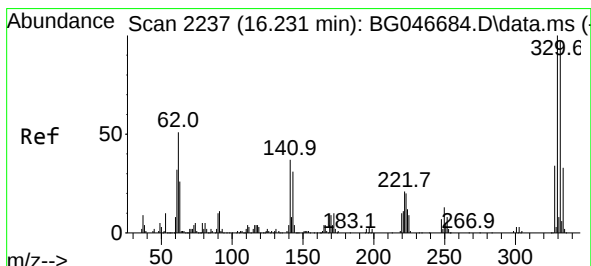
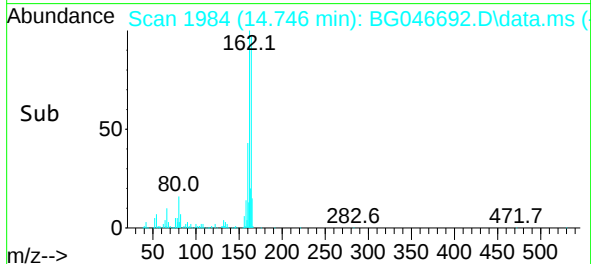
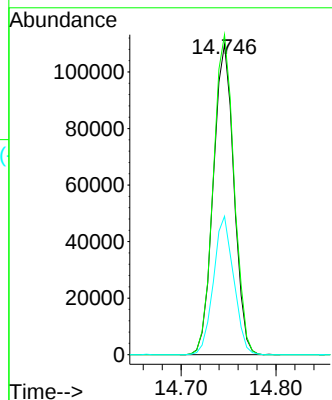
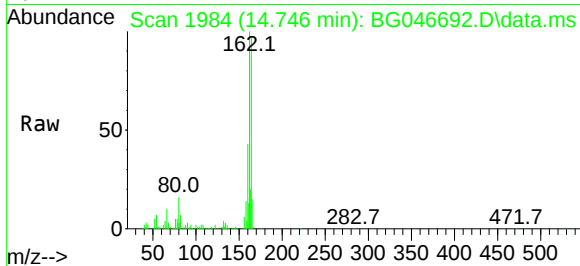




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

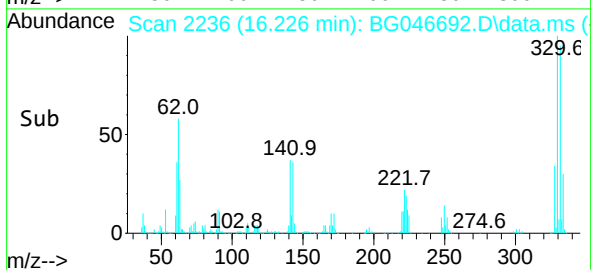
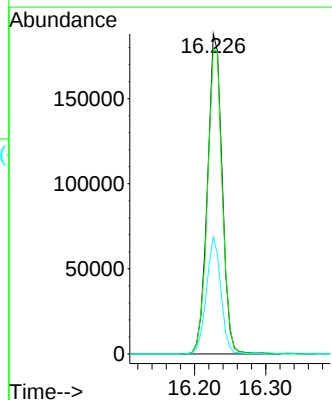
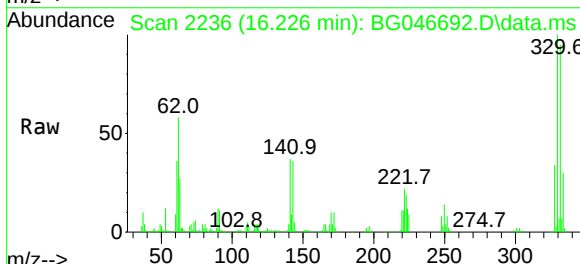
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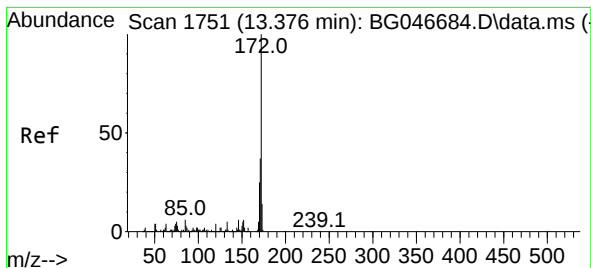
Tgt Ion:164 Resp: 165228
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 44.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 124.09 ng
RT: 16.226 min Scan# 2236
Delta R.T. -0.005 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion:330 Resp: 270358
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 36.0 26.0 39.0

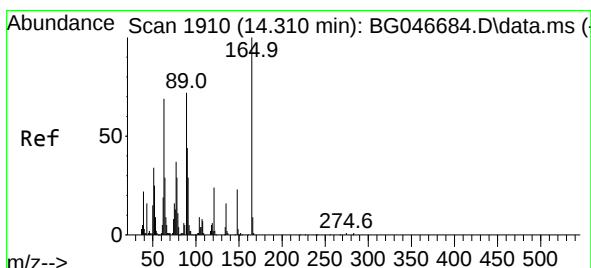
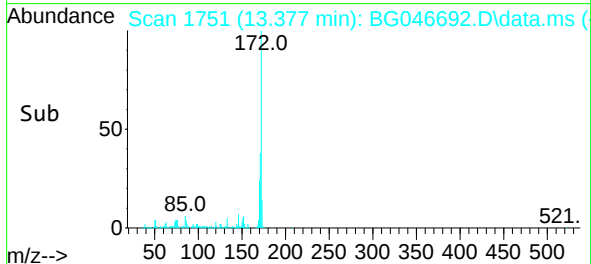
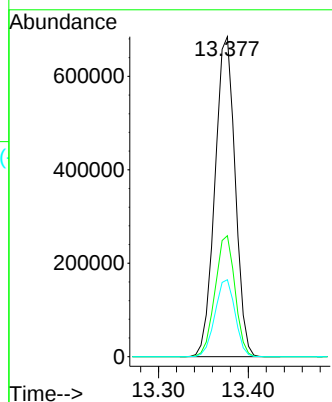
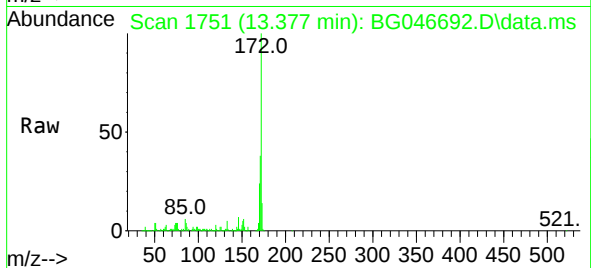




#45
2-Fluorobiphenyl
Concen: 91.62 ng
RT: 13.377 min Scan# 1751
Delta R.T. 0.001 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

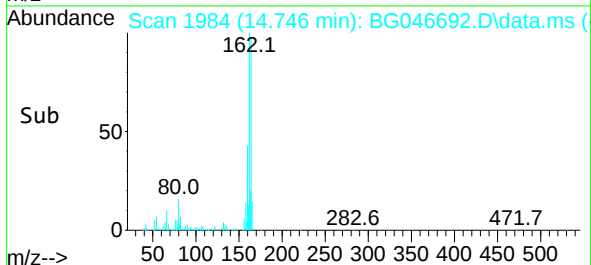
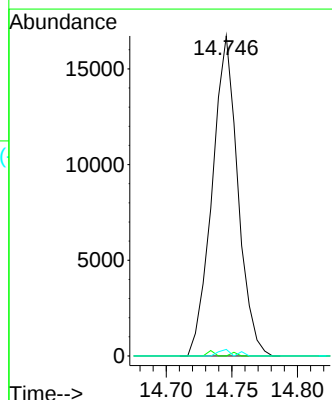
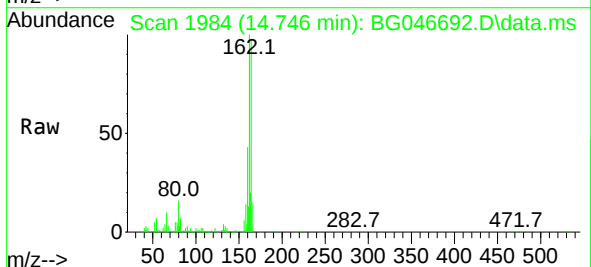
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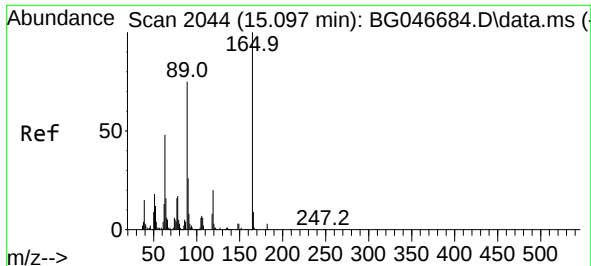
Tgt Ion:172 Resp: 1069327
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 24.1 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.61 ng
RT: 14.746 min Scan# 1984
Delta R.T. 0.436 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion:165 Resp: 22760
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.1 36.6 54.8#

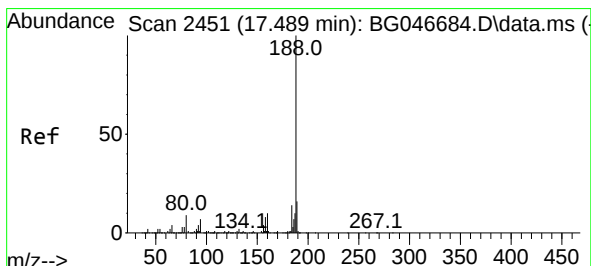
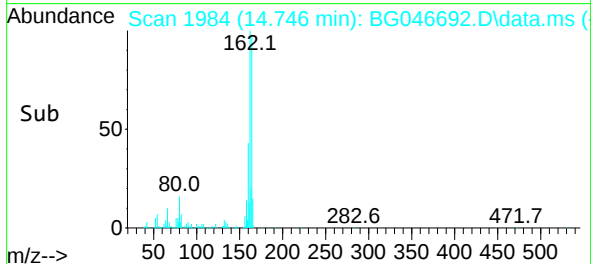
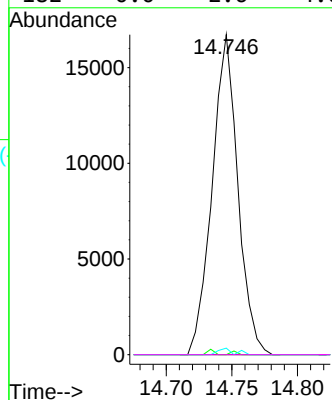
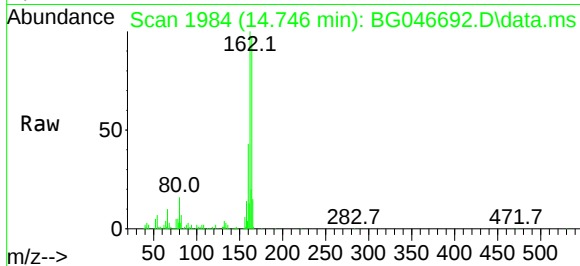




#57
2,4-Dinitrotoluene
Concen: 8.01 ng
RT: 14.746 min Scan# 1984
Delta R.T. -0.352 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

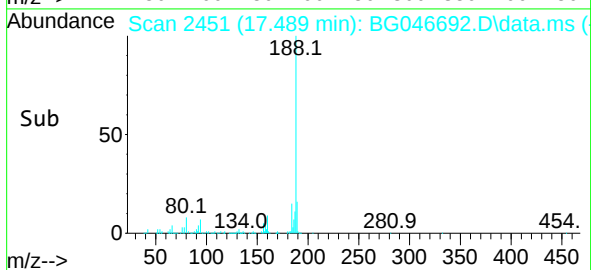
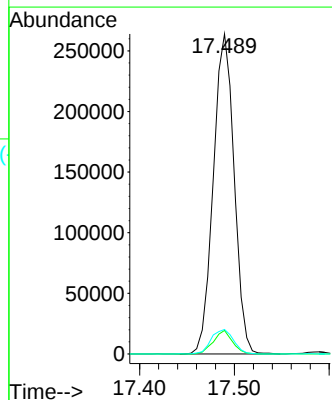
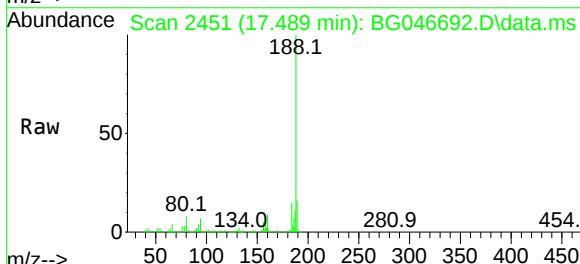
Instrument :
BNA_G
ClientSampleId :
PB131828BL

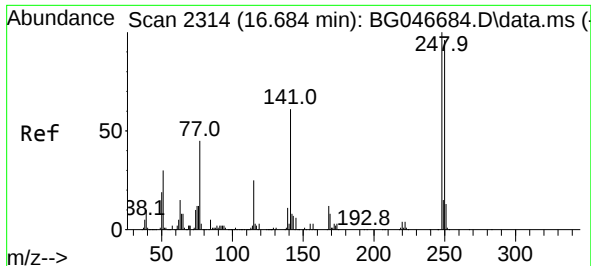
Tgt Ion:165	Resp:	22760
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.4
89	2.1	47.8
182	0.0	2.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion:188	Resp:	403124
Ion Ratio	Lower	Upper
188	100	
94	7.4	6.3
80	7.7	7.0

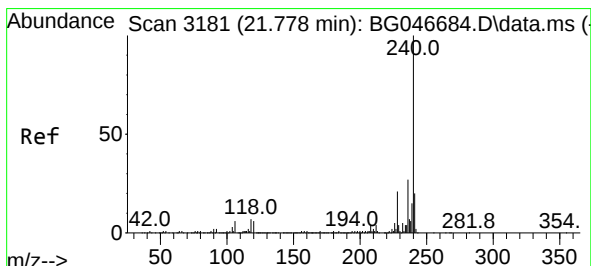
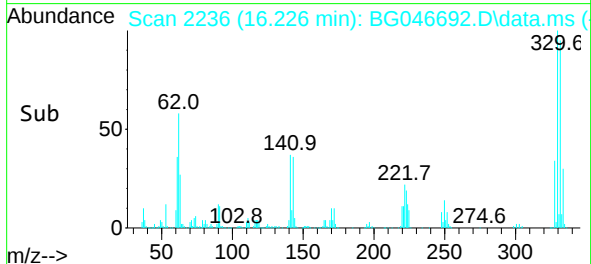
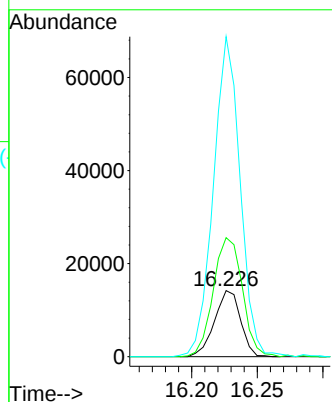
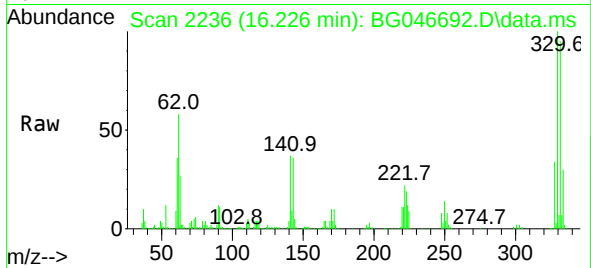




#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 16.226 min Scan# 2236
Delta R.T. -0.458 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

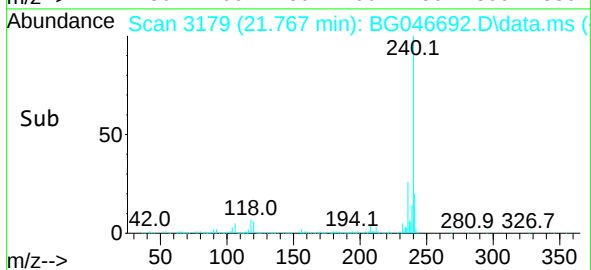
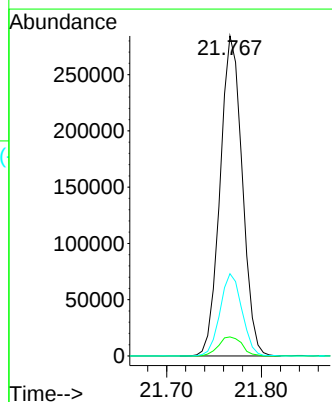
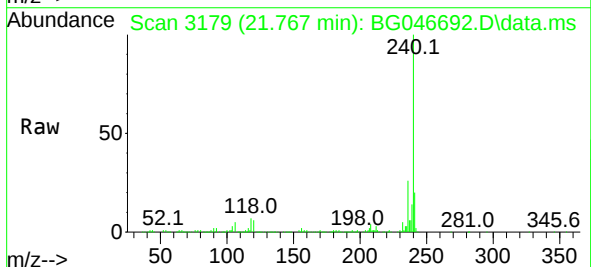
Instrument :
BNA_G
ClientSampleId :
PB131828BL

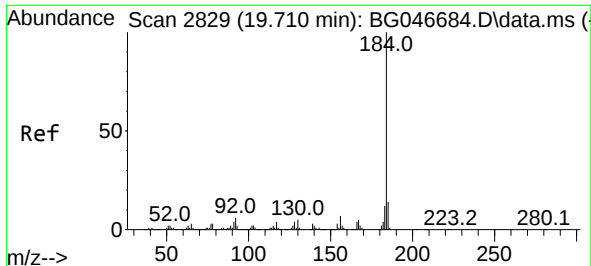
Tgt Ion:248 Resp: 19536
Ion Ratio Lower Upper
248 100
250 172.7 78.9 118.3#
141 356.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.767 min Scan# 3179
Delta R.T. -0.011 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion:240 Resp: 461932
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 25.7 20.5 30.7

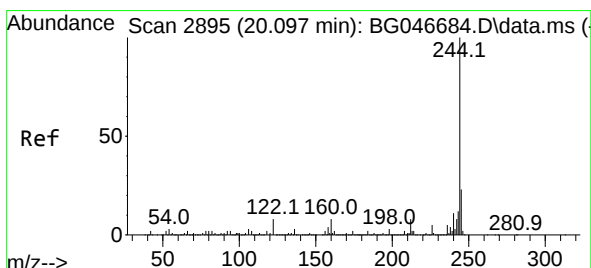
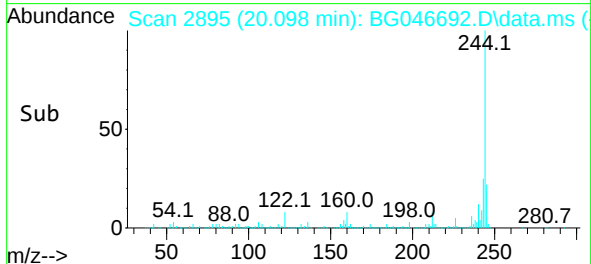
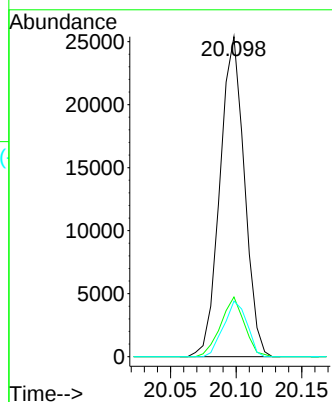
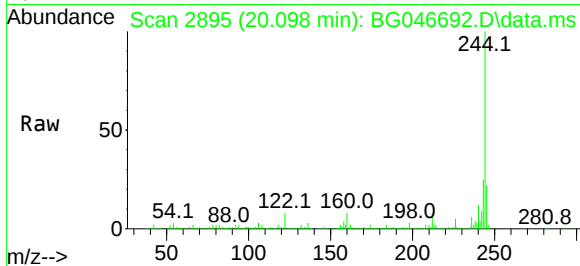




#77
Benzidine
Concen: 2.31 ng
RT: 20.098 min Scan# 2895
Delta R.T. 0.389 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

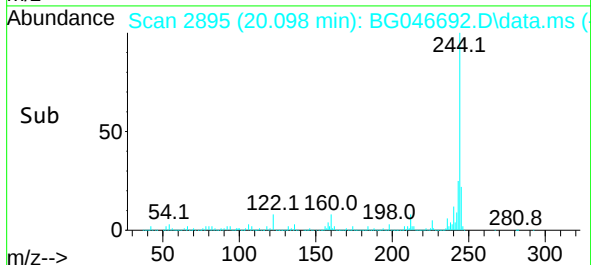
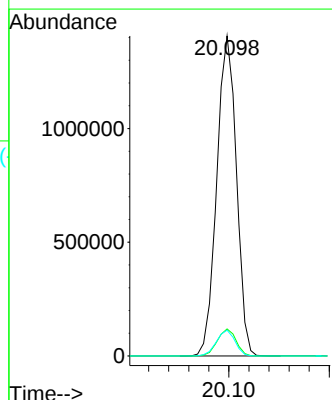
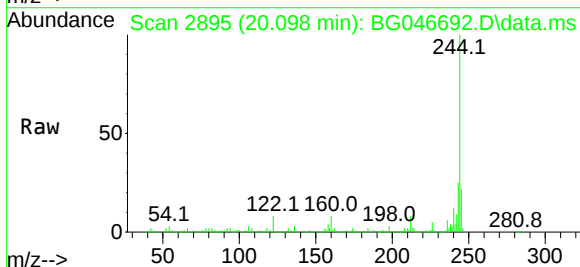
Instrument :
BNA_G
ClientSampleId :
PB131828BL

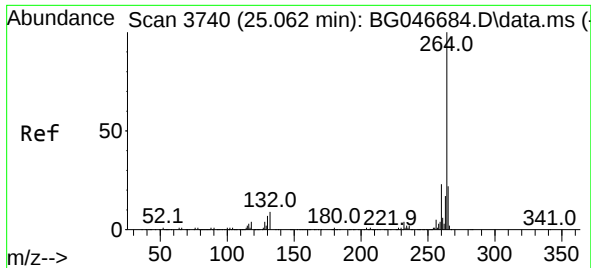
Tgt Ion:184 Resp: 32847
Ion Ratio Lower Upper
184 100
185 18.7 12.4 18.6#
183 17.3 10.6 15.8#



#79
Terphenyl-d14
Concen: 83.00 ng
RT: 20.098 min Scan# 2895
Delta R.T. 0.001 min
Lab File: BG046692.D
Acq: 23 Sep 2020 15:17

Tgt Ion:244 Resp: 1912942
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 8.1 7.8 11.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.057 min Scan# 3739
 Delta R.T. -0.005 min
 Lab File: BG046692.D
 Acq: 23 Sep 2020 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB131828BL

Tgt Ion:264 Resp: 446953
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 20.5 17.8 26.8

