

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046866.D
 Acq On : 13 Oct 2020 7:10
 Operator : CG/JU
 Sample : L4317-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11991

Quant Time: Oct 13 08:16:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

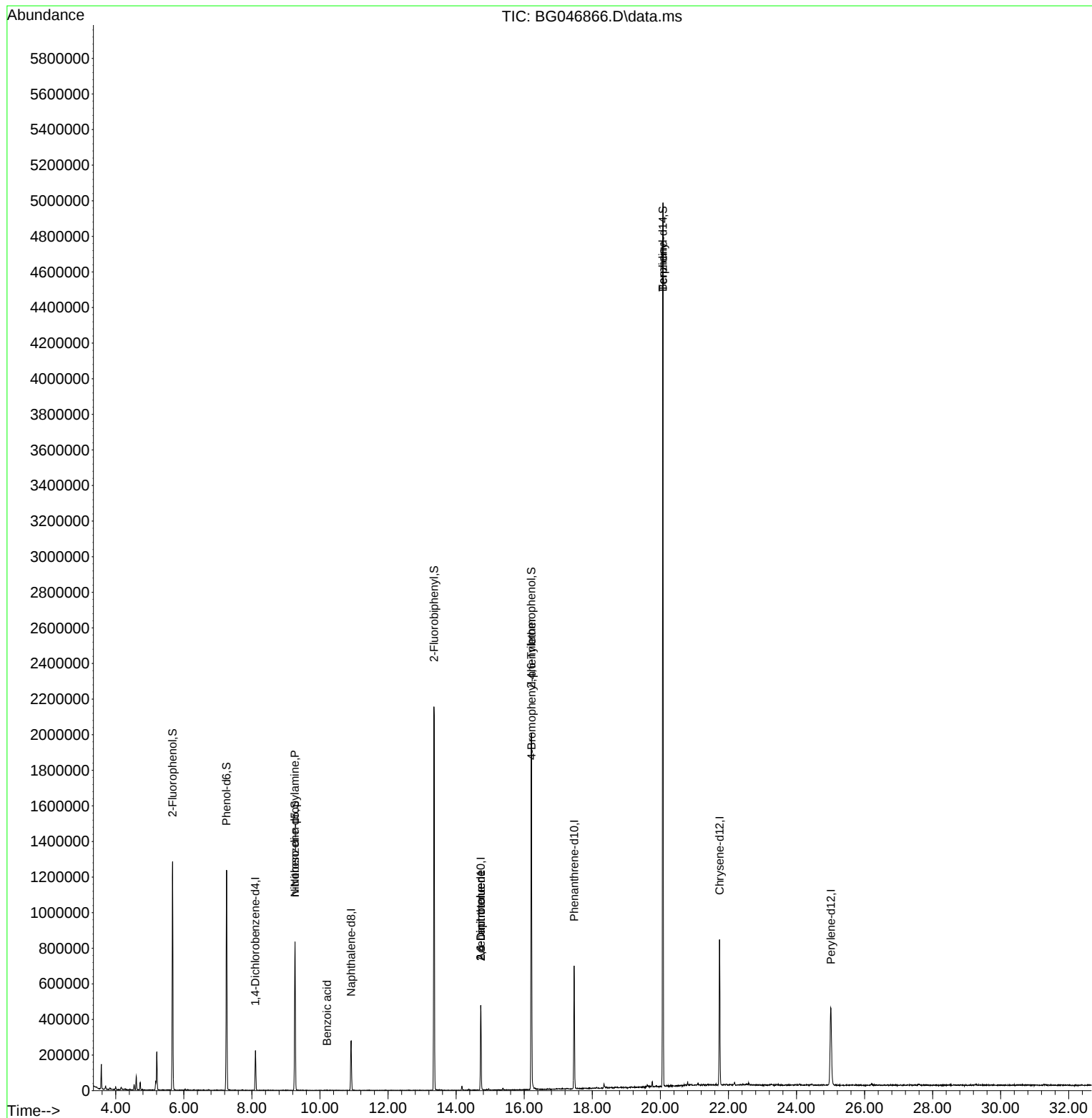
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	61623	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	236166	20.00	ng	0.00
39) Acenaphthene-d10	14.725	164	171812	20.00	ng	-0.01
64) Phenanthrene-d10	17.468	188	459897	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	513366	20.00	ng	#-0.02
86) Perylene-d12	25.012	264	503116	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	517260	134.47	ng	0.00
7) Phenol-d6	7.257	99	657943	121.26	ng	0.00
23) Nitrobenzene-d5	9.266	82	487691	109.86	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	403851	178.26	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	1128742	93.01	ng	-0.01
79) Terphenyl-d14	20.077	244	2180679	85.13	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1464	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.266	70	71014	19.09	ng	# 77
32) Benzoic acid	10.206	122	133	6.39	ng	# 71
51) 2,6-Dinitrotoluene	14.725	165	22437	10.06	ng	# 34
57) 2,4-Dinitrotoluene	14.725	165	22437	7.60	ng	# 32
67) 4-Bromophenyl-phenylether	16.217	248	30996	5.33	ng	# 1
77) Benzidine	20.077	184	39730	2.51	ng	# 93

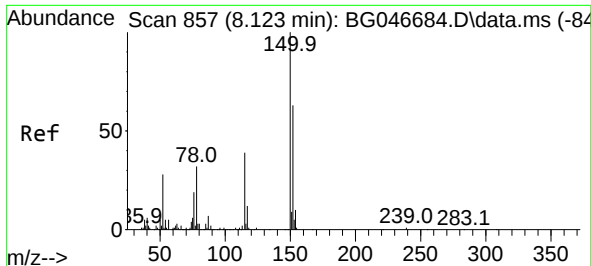
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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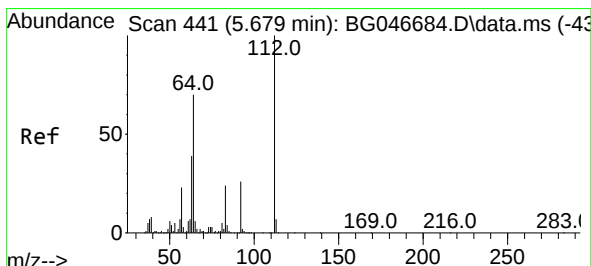
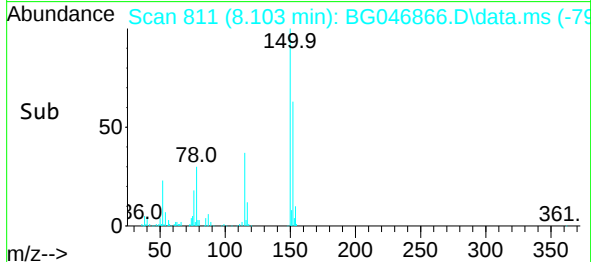
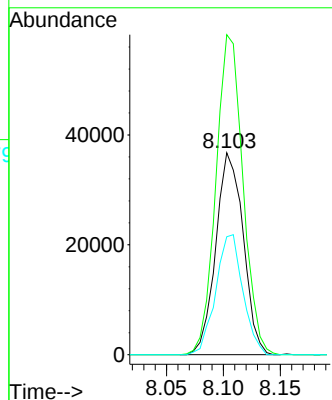
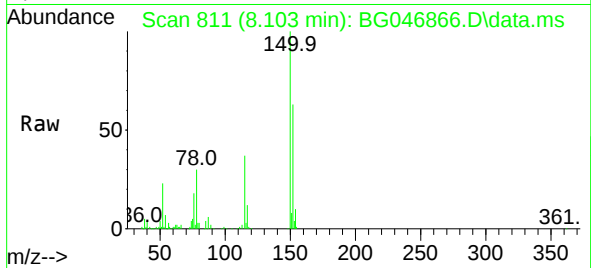




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

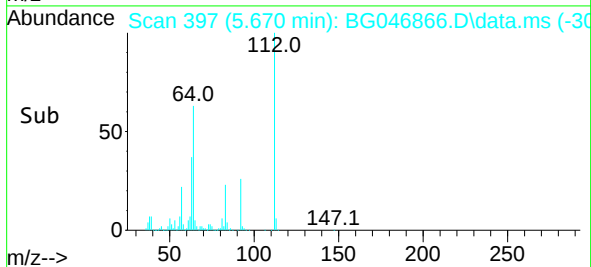
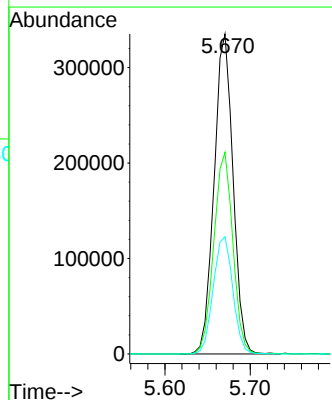
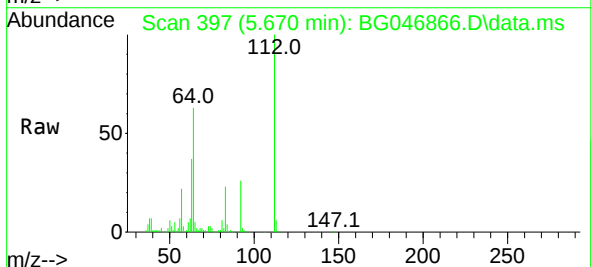
Instrument :
BNA_G
ClientSampleId :
11991

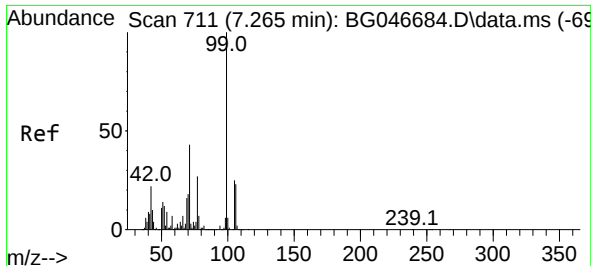
Tgt Ion:152 Resp: 61623
Ion Ratio Lower Upper
152 100
150 158.5 125.0 187.6
115 58.4 41.8 62.6



#5
2-Fluorophenol
Concen: 134.47 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Tgt Ion:112 Resp: 517260
Ion Ratio Lower Upper
112 100
64 63.0 46.7 70.1
63 36.7 22.8 34.2#

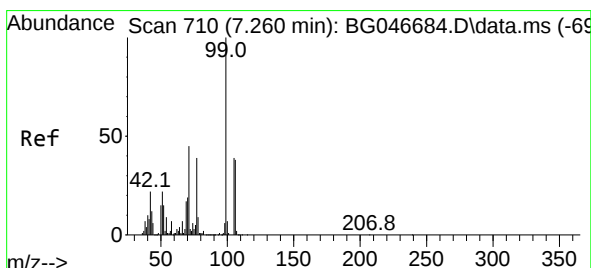
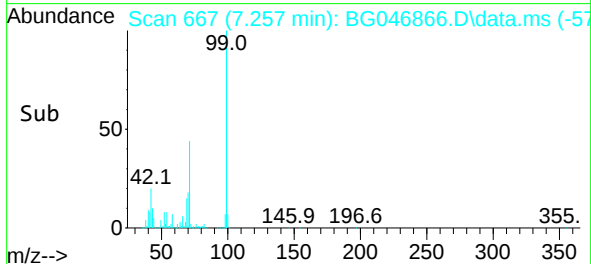
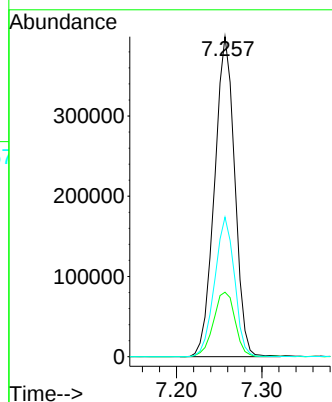
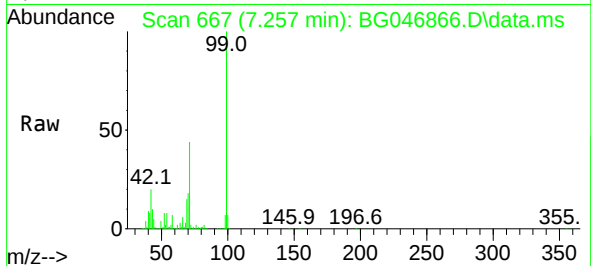




#7
Phenol-d6
Concen: 121.26 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

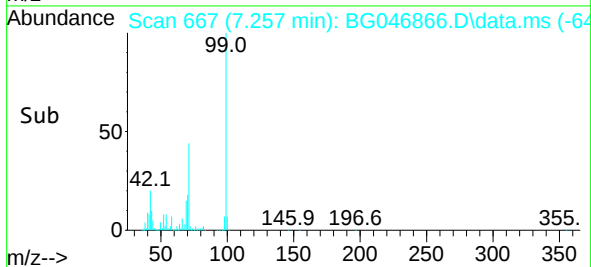
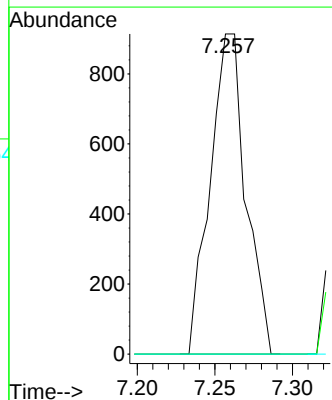
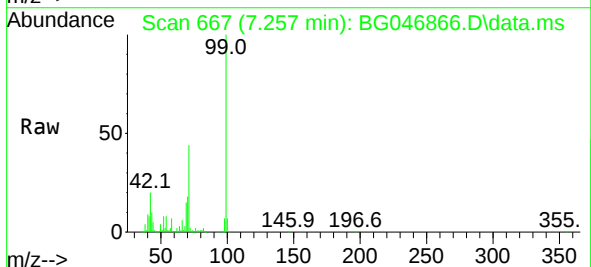
Instrument :
BNA_G
ClientSampleId :
11991

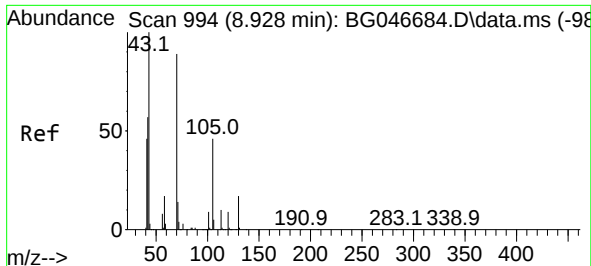
Tgt Ion: 99 Resp: 657943
Ion Ratio Lower Upper
99 100
42 20.2 12.8 19.2#
71 43.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Tgt Ion: 77 Resp: 1464
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

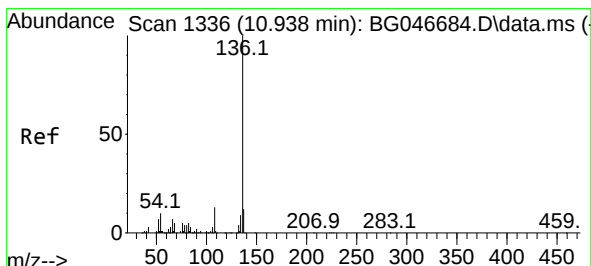
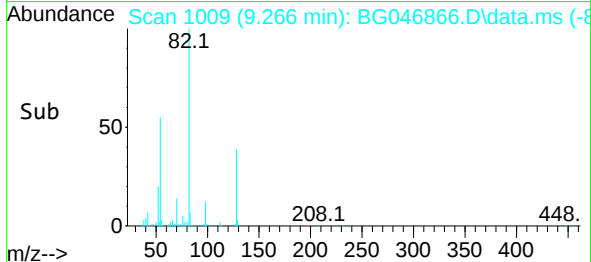
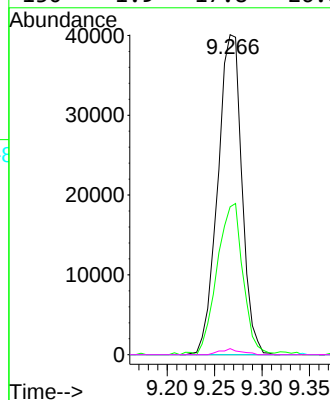
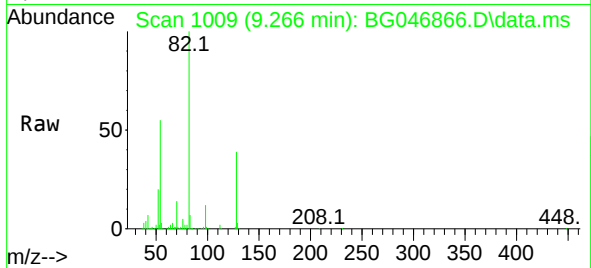




#19
n-Nitroso-di-n-propylamine
Concen: 19.09 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

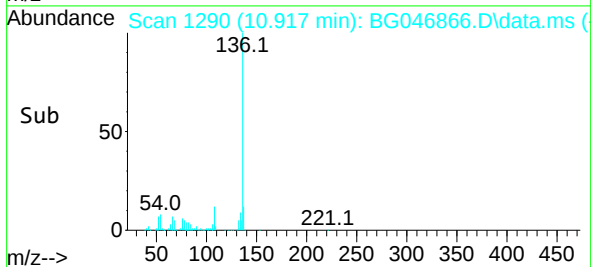
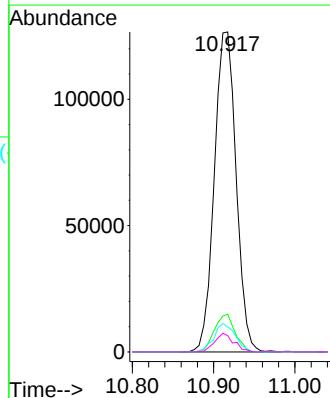
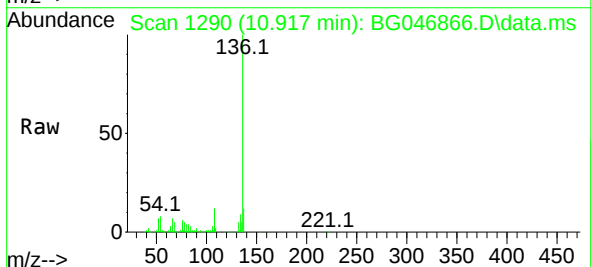
Instrument :
BNA_G
ClientSampled :
11991

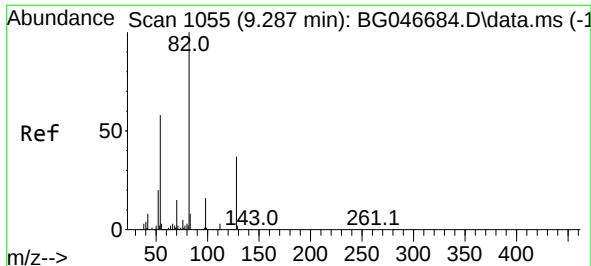
Tgt Ion: 70	Resp:	71014
Ion Ratio	Lower	Upper
70	100	
42	46.2	45.6 68.4
101	0.0	8.4 12.6#
130	1.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Tgt Ion: 136	Resp:	236166
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.1 13.7
54	7.9	6.2 9.4
68	5.1	5.0 7.4

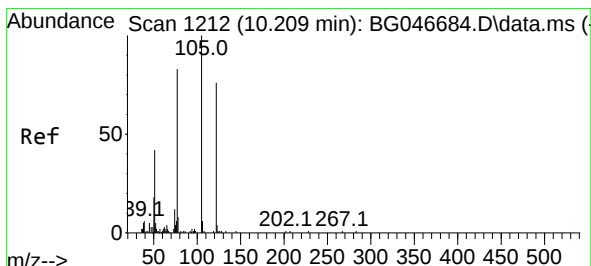
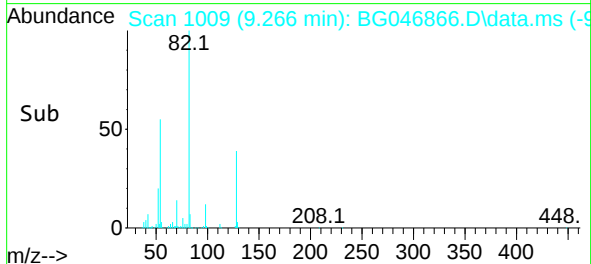
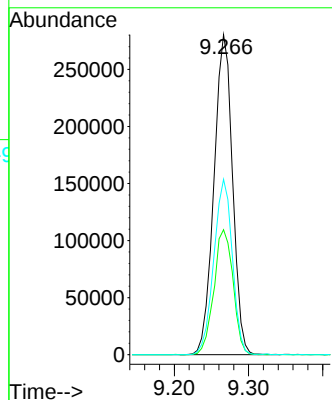
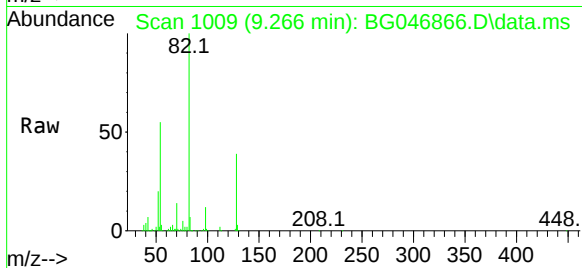




#23
Nitrobenzene-d5
Concen: 109.86 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

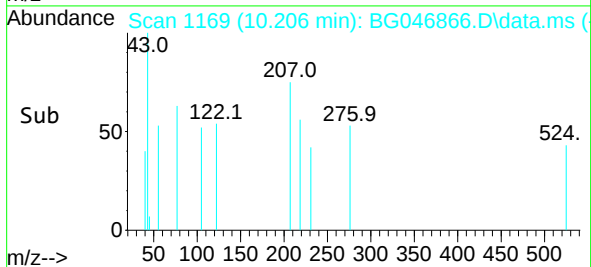
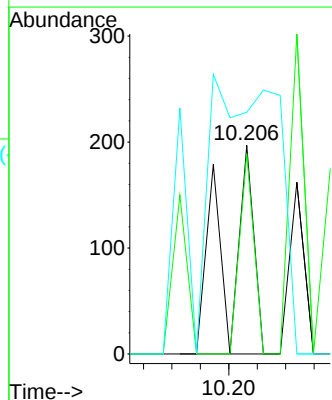
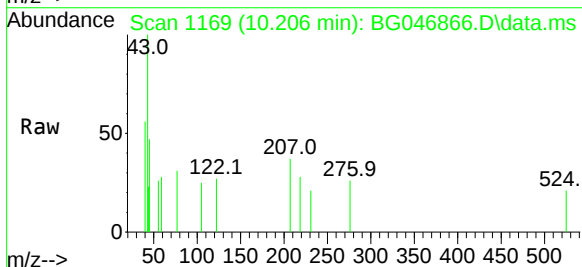
Instrument :
BNA_G
ClientSampled :
11991

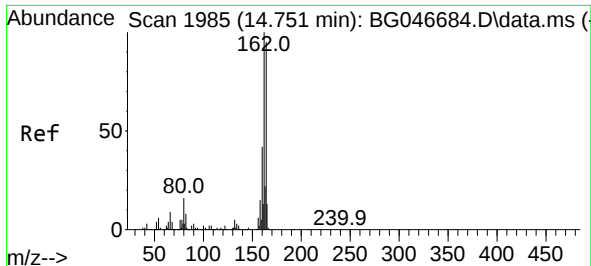
Tgt Ion: 82 Resp: 487691
Ion Ratio Lower Upper
82 100
128 39.1 37.0 55.6
54 54.8 39.0 58.4



#32
Benzoic acid
Concen: 6.39 ng
RT: 10.206 min Scan# 1169
Delta R.T. 0.013 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

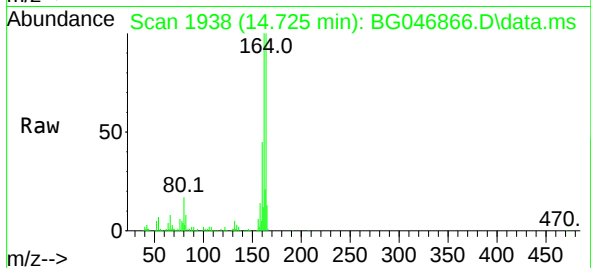
Tgt Ion:122 Resp: 133
Ion Ratio Lower Upper
122 100
105 95.9 103.7 143.7#
77 115.7 63.0 103.0#



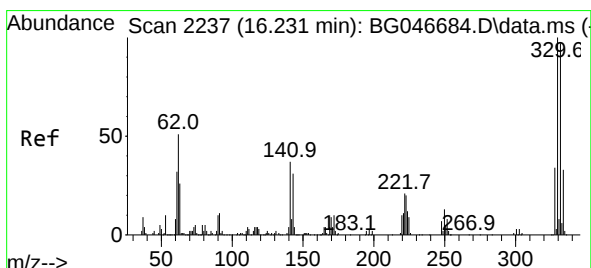
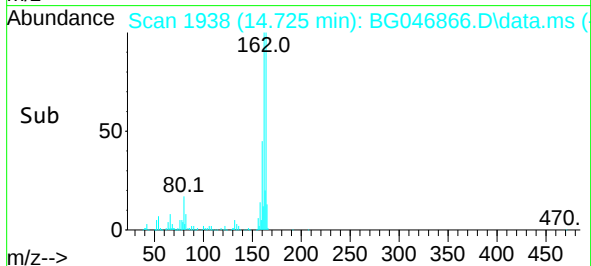
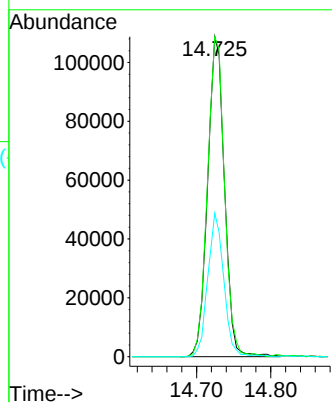


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Instrument :
BNA_G
ClientSampled :
11991

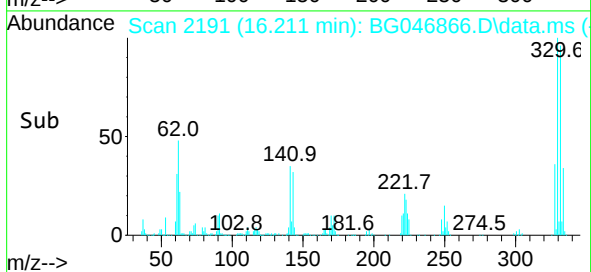
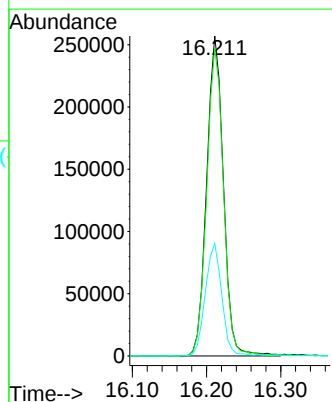
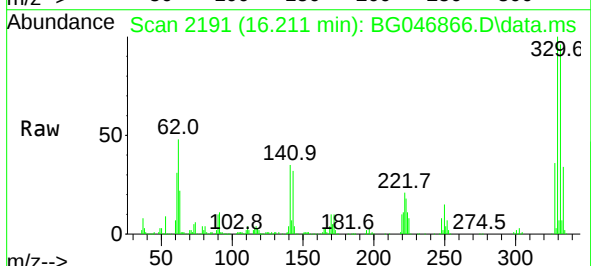


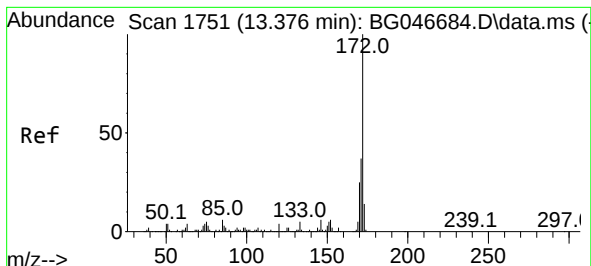
Tgt Ion:164 Resp: 171812
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 44.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 178.26 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Tgt Ion:330 Resp: 403851
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 34.8 26.0 39.0

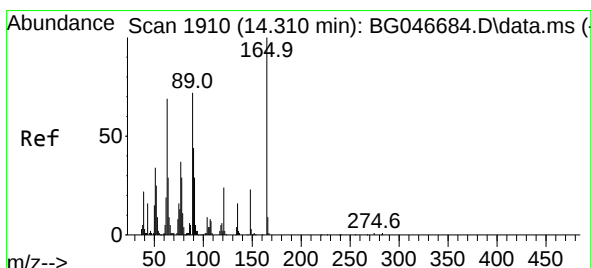
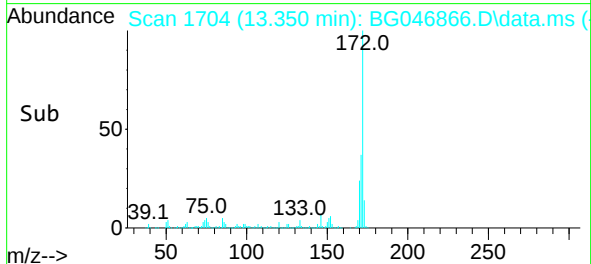
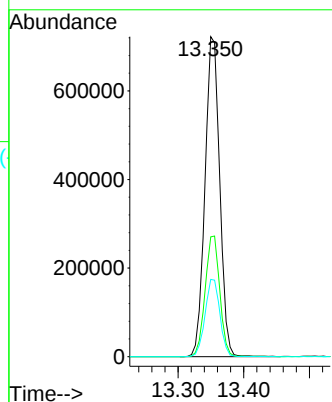
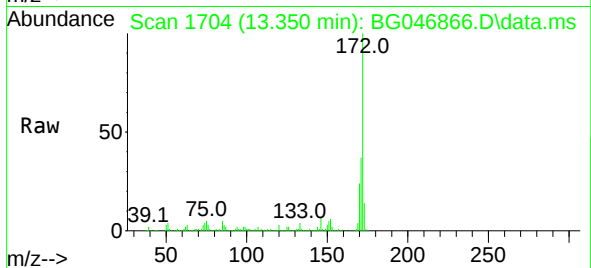




#45
2-Fluorobiphenyl
Concen: 93.01 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

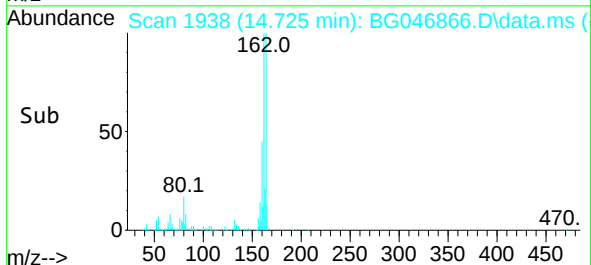
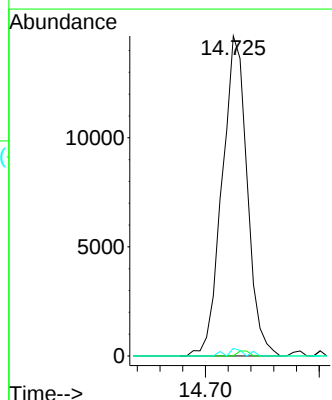
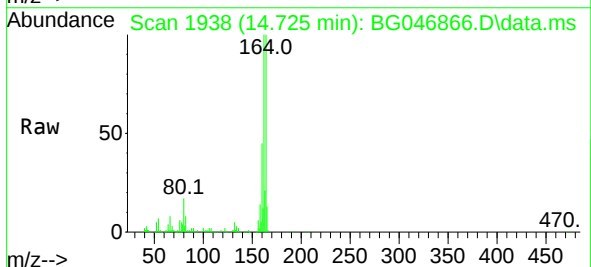
Instrument :
BNA_G
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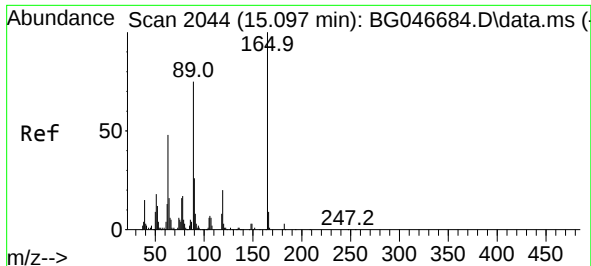
Tgt Ion:172 Resp: 1128742
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.2 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.06 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Tgt Ion:165 Resp: 22437
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.4 36.6 54.8#

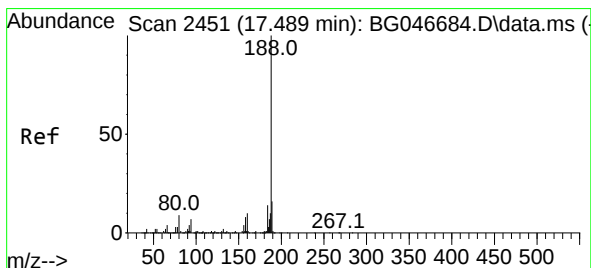
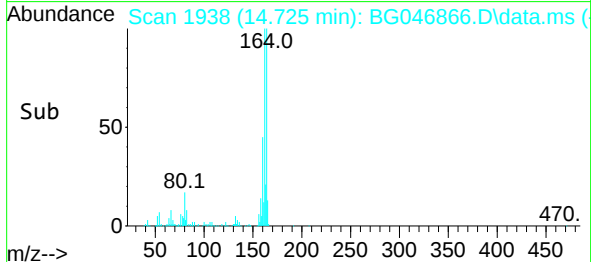
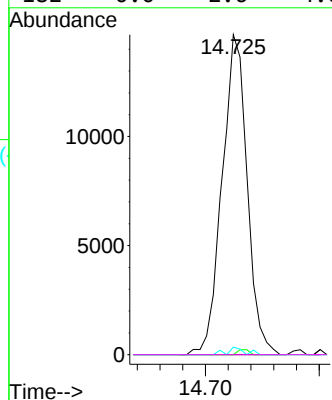
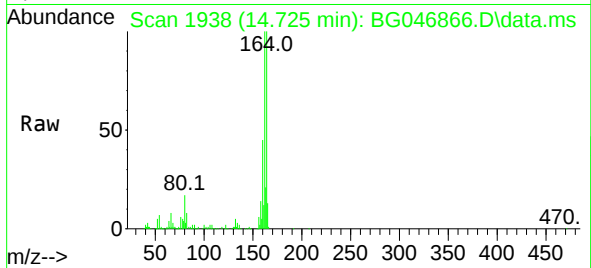




#57
2,4-Dinitrotoluene
Concen: 7.60 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

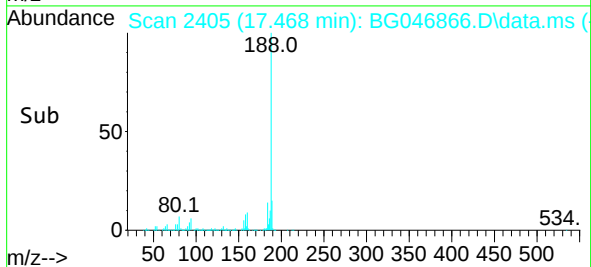
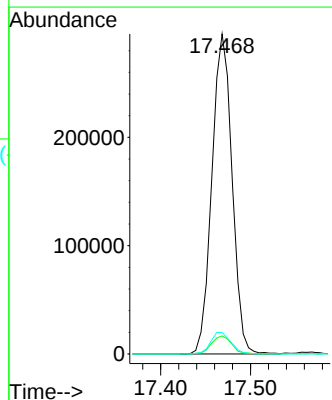
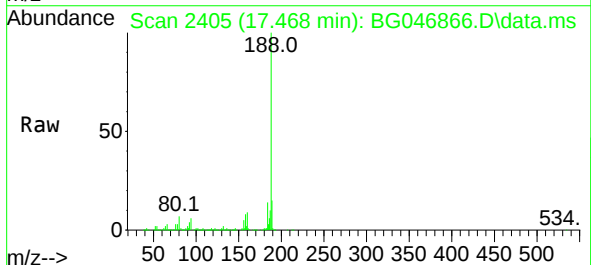
Instrument :
BNA_G
ClientSampled :
11991

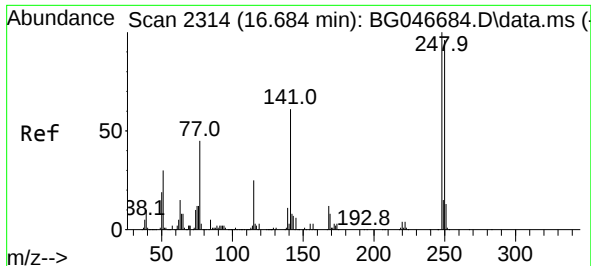
Tgt Ion:165 Resp: 22437
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Tgt Ion:188 Resp: 459897
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.7 7.0 10.6#

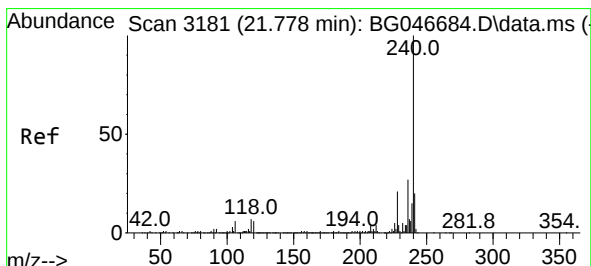
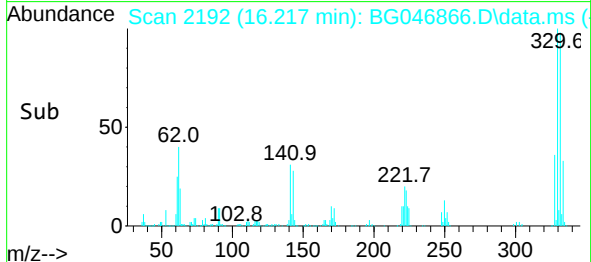
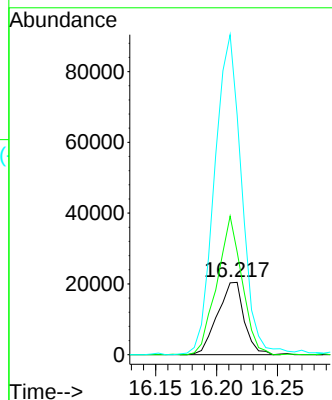
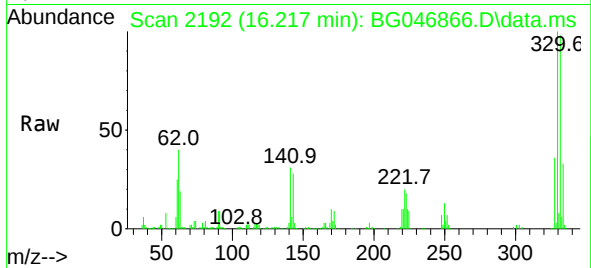




#67
4-Bromophenyl-phenylether
Concen: 5.33 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

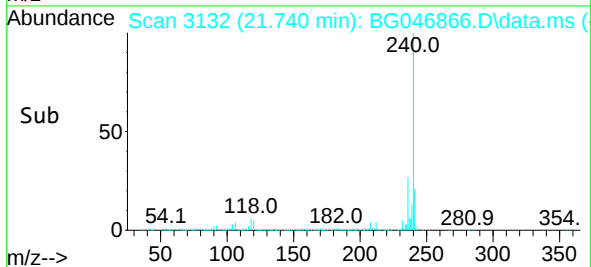
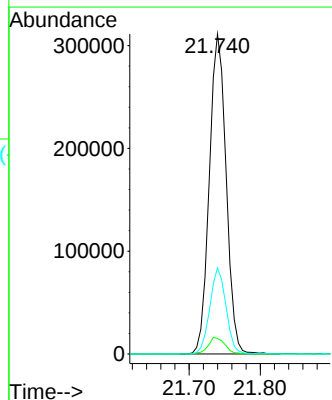
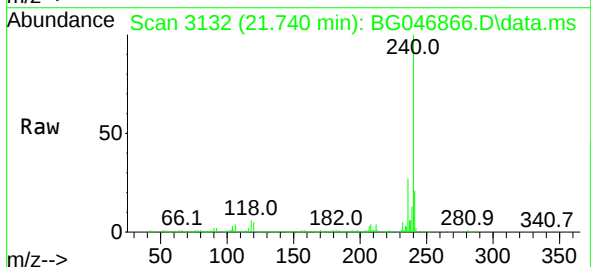
Instrument :
BNA_G
ClientSampleId :
11991

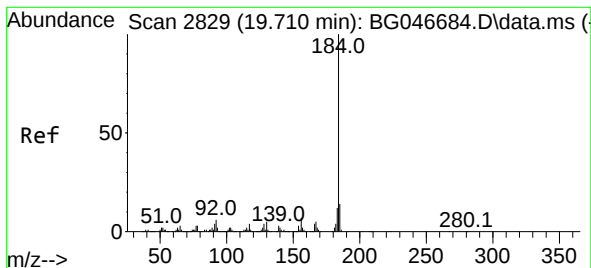
Tgt Ion:248 Resp: 30996
Ion Ratio Lower Upper
248 100
250 181.3 78.9 118.3#
141 331.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Tgt Ion:240 Resp: 513366
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.9 20.5 30.7





#77

Benzidine

Concen: 2.51 ng

RT: 20.077 min Scan# 2849

Delta R.T. 0.377 min

Lab File: BG046866.D

Acq: 13 Oct 2020 7:10

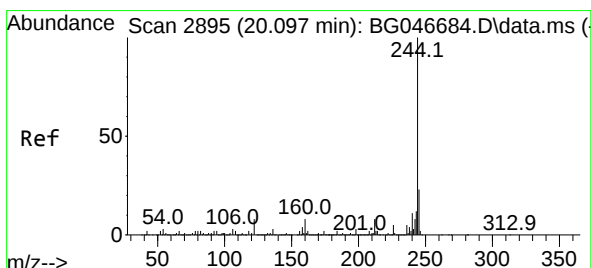
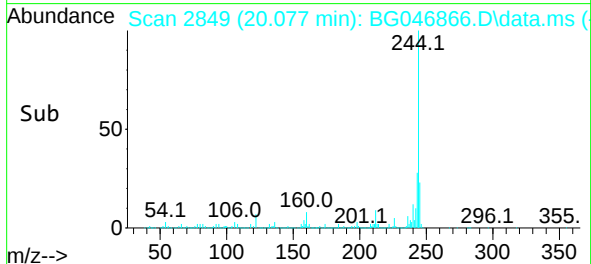
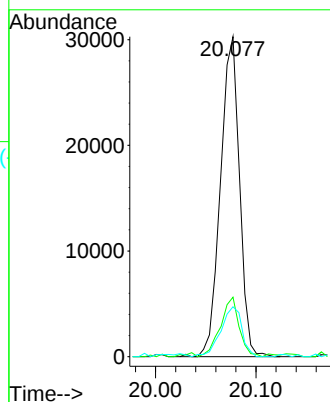
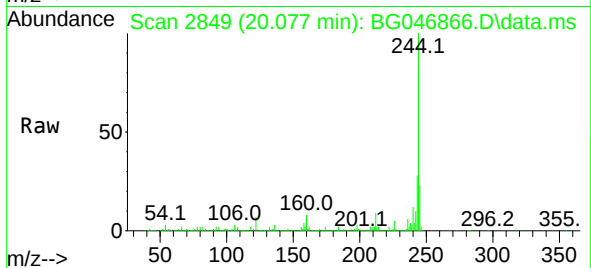
Instrument :

BNA_G

ClientSampleId :

11991

Tgt Ion:184	Resp:	39730
Ion Ratio	Lower	Upper
184	100	
185	18.6	12.4 18.6#
183	15.6	10.6 15.8



#79

Terphenyl-d14

Concen: 85.13 ng

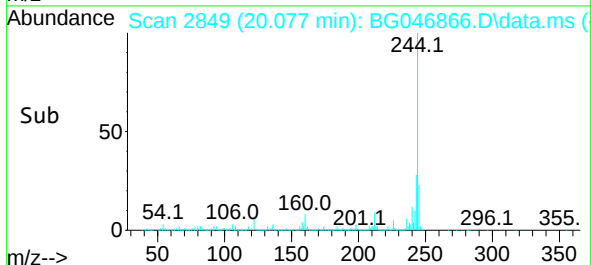
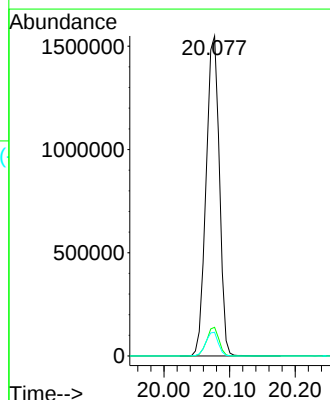
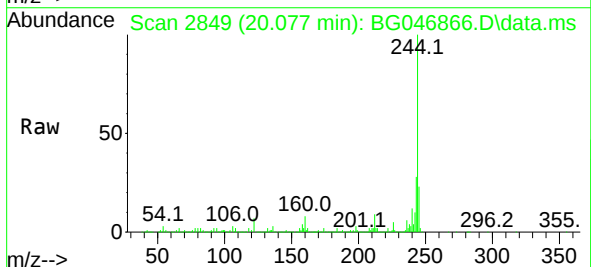
RT: 20.077 min Scan# 2849

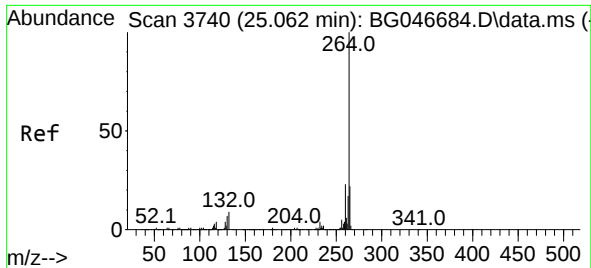
Delta R.T. -0.005 min

Lab File: BG046866.D

Acq: 13 Oct 2020 7:10

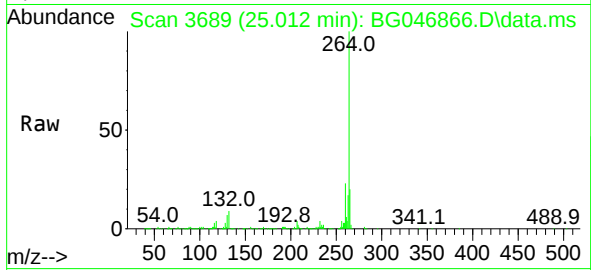
Tgt Ion:244	Resp:	2180679
Ion Ratio	Lower	Upper
244	100	
212	8.9	6.7 10.1
122	7.4	7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.012 min Scan# 3689
Delta R.T. -0.017 min
Lab File: BG046866.D
Acq: 13 Oct 2020 7:10

Instrument :
BNA_G
ClientSampleId :
11991



Tgt Ion:264 Resp: 503116

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	19.7	17.8	26.8

