

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
 Data File : BG046689.D
 Acq On : 22 Sep 2020 22:07
 Operator : CG/JU
 Sample : PB131810TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131810TB

Quant Time: Sep 23 01:21:49 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)

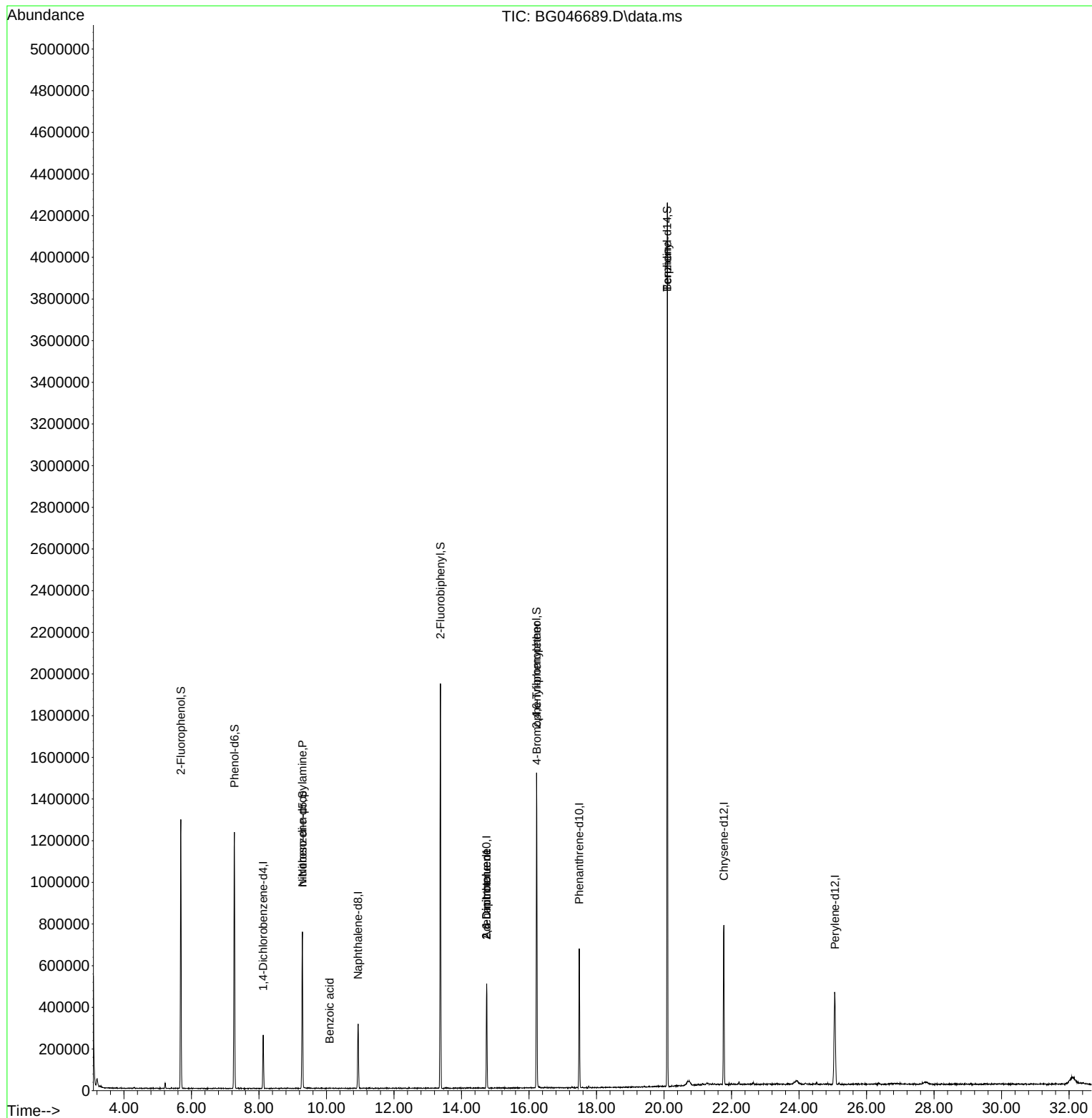
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	66473	20.00	ng	# 0.00
21) Naphthalene-d8	10.937	136	251599	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	171232	20.00	ng	0.00
64) Phenanthrene-d10	17.488	188	411295	20.00	ng	0.00
76) Chrysene-d12	21.771	240	482092	20.00	ng	# 0.00
86) Perylene-d12	25.062	264	481985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	507601	122.33	ng	0.00
7) Phenol-d6	7.271	99	650486	111.14	ng	0.00
23) Nitrobenzene-d5	9.286	82	428953	90.70	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	271733	120.35	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	989062	81.77	ng	0.00
79) Terphenyl-d14	20.097	244	1794022	74.58	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.277	77	1534	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.286	70	64876	16.16	ng	# 77
32) Benzoic acid	10.091	122	83	6.37	ng	# 27
51) 2,6-Dinitrotoluene	14.744	165	22623	10.18	ng	# 35
57) 2,4-Dinitrotoluene	14.744	165	22623	7.69	ng	# 33
67) 4-Bromophenyl-phenylether	16.231	248	20207	3.89	ng	# 1
77) Benzidine	20.097	184	30083	2.02	ng	# 93

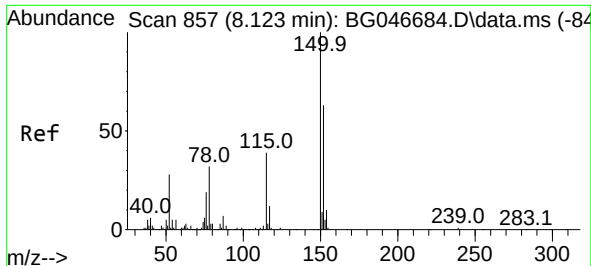
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046689.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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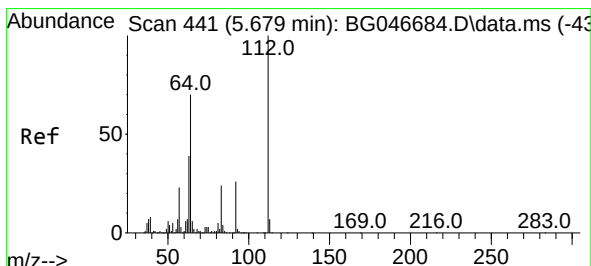
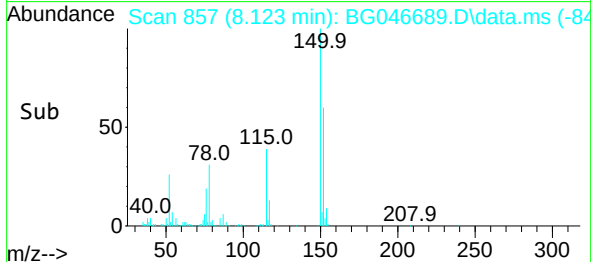
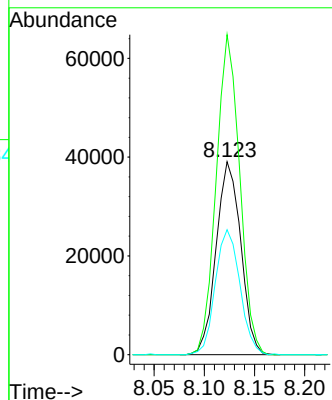
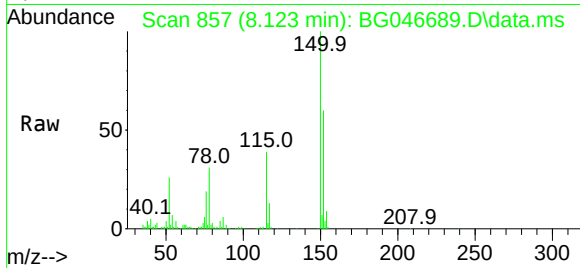




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 857
Delta R.T. -0.000 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

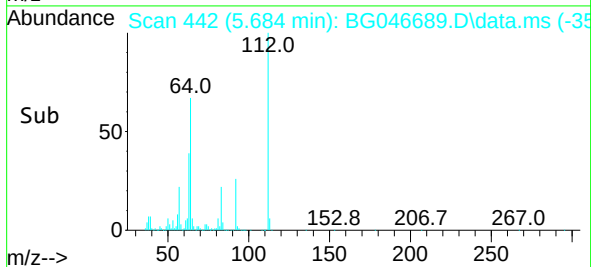
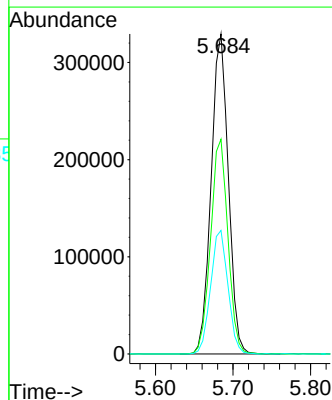
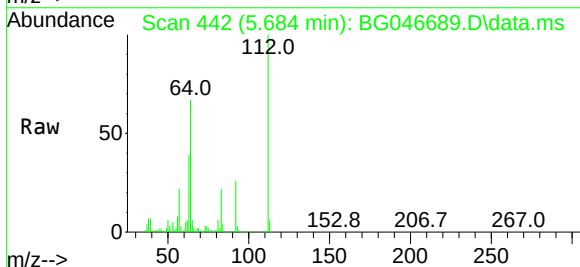
Instrument :
BNA_G
ClientSampleId :
PB131810TB

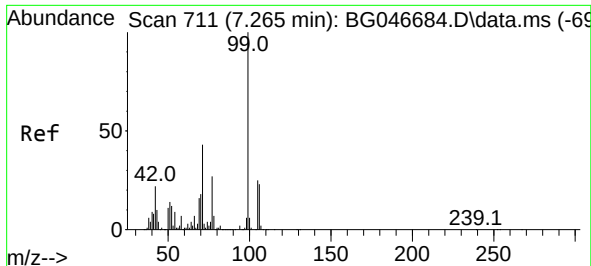
Tgt Ion:152 Resp: 66473
Ion Ratio Lower Upper
152 100
150 165.8 125.0 187.6
115 64.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 122.33 ng
RT: 5.684 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Tgt Ion:112 Resp: 507601
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 38.6 22.8 34.2#

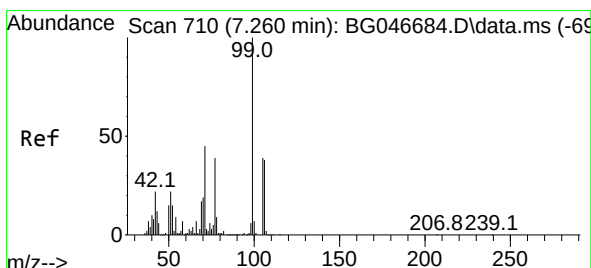
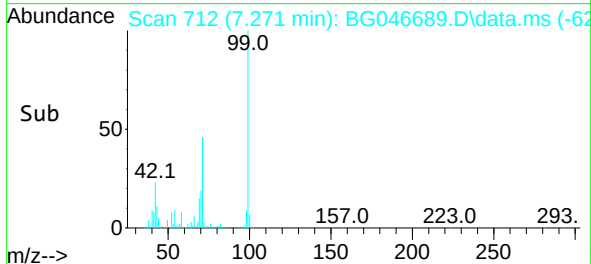
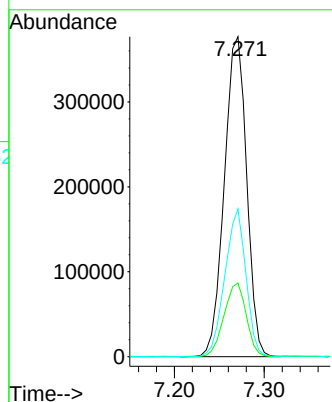
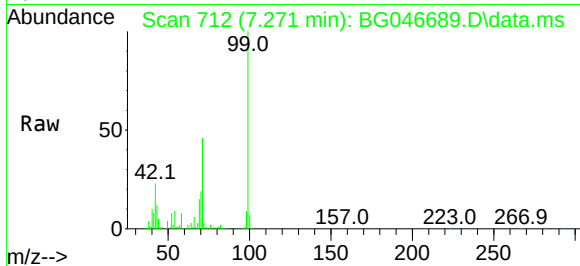




#7
Phenol-d6
Concen: 111.14 ng
RT: 7.271 min Scan# 712
Delta R.T. 0.006 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

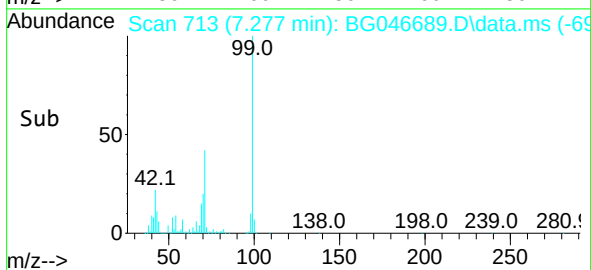
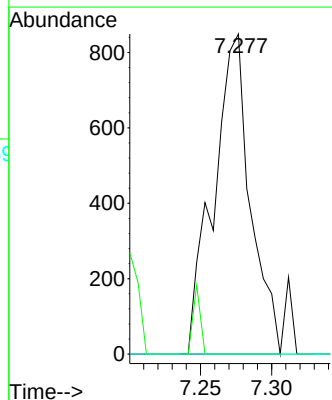
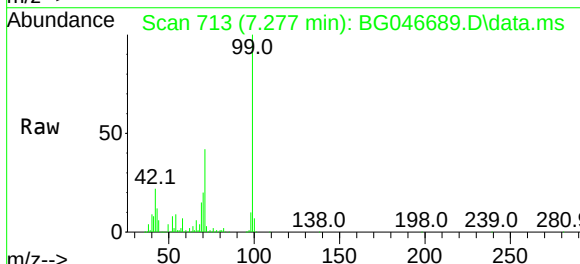
Instrument :
BNA_G
ClientSampleId :
PB131810TB

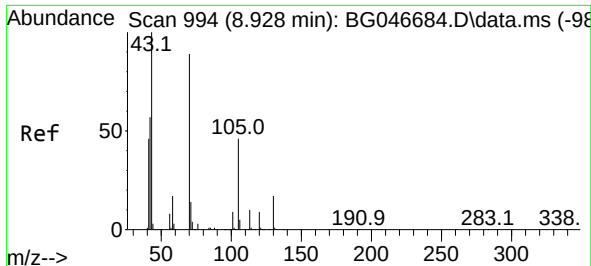
Tgt Ion: 99 Resp: 650486
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 46.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.277 min Scan# 713
Delta R.T. 0.017 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

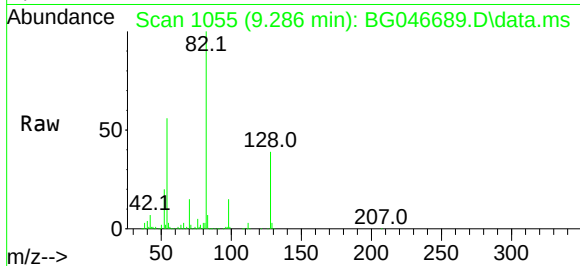
Tgt Ion: 77 Resp: 1534
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



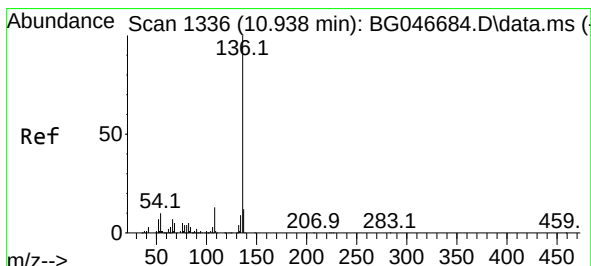
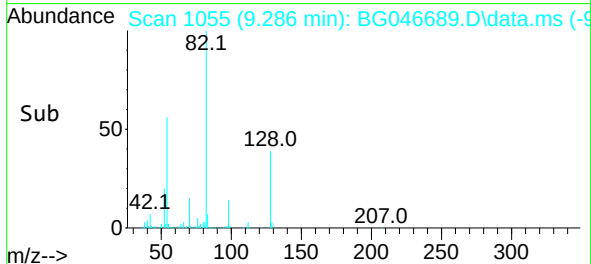
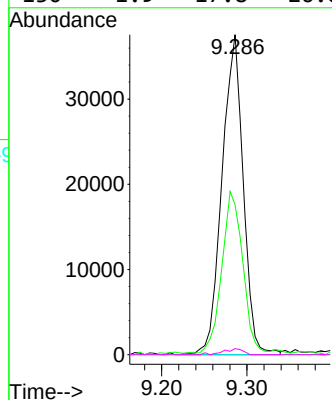


#19
n-Nitroso-di-n-propylamine
Concen: 16.16 ng
RT: 9.286 min Scan# 1055
Delta R.T. 0.358 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Instrument :
BNA_G
ClientSampleId :
PB131810TB

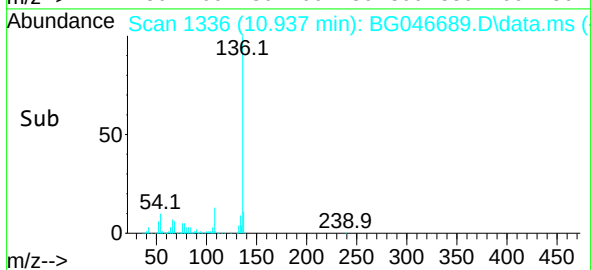
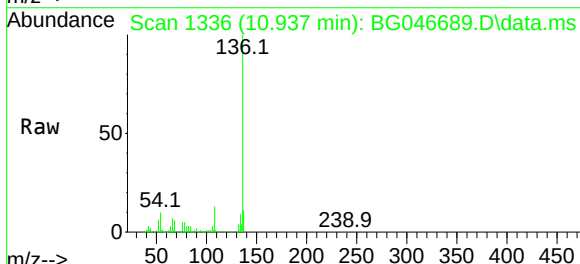
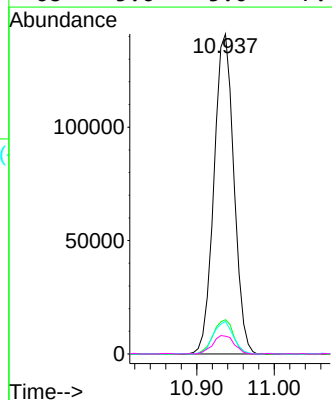


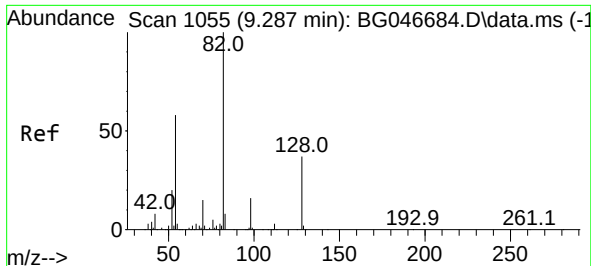
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.6	68.4
101	0.0	8.4	12.6#
130	1.9	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.937 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.2	6.2	9.4#
68	5.6	5.0	7.4

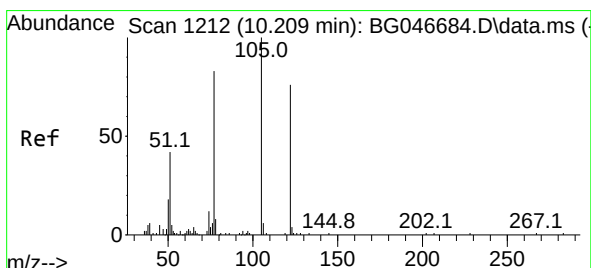
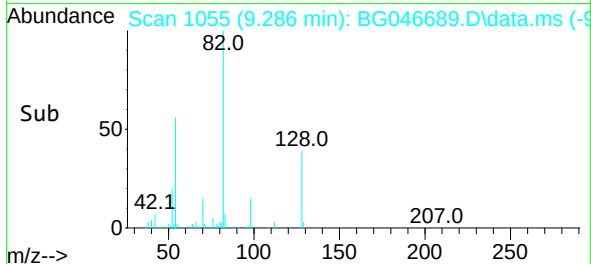
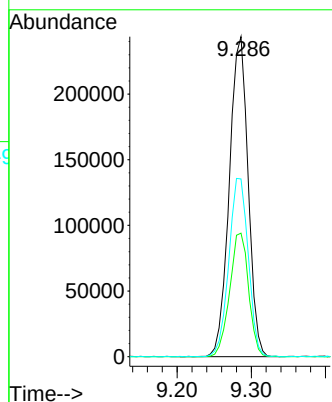
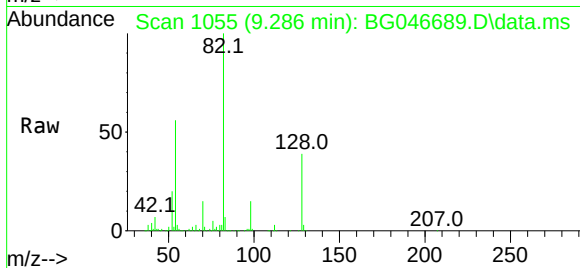




#23
Nitrobenzene-d5
Concen: 90.70 ng
RT: 9.286 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

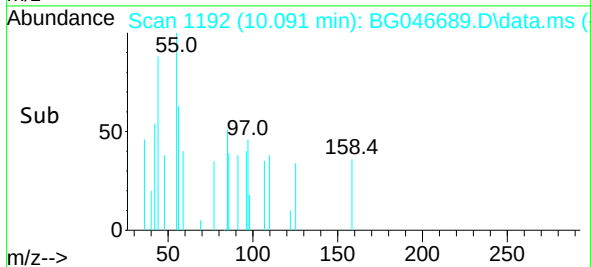
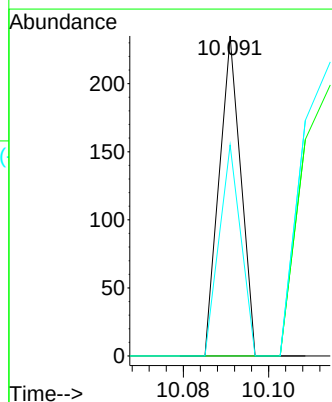
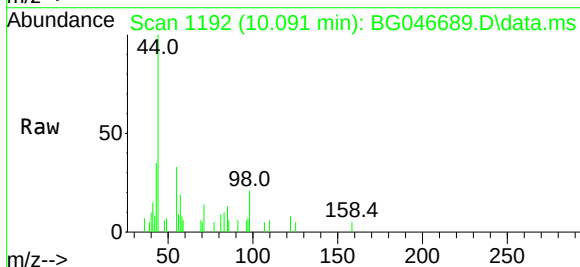
Instrument :
BNA_G
ClientSampleId :
PB131810TB

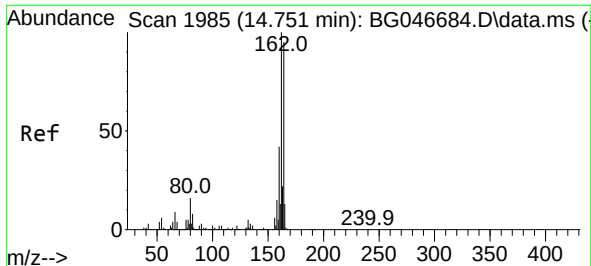
Tgt Ion: 82 Resp: 428953
Ion Ratio Lower Upper
82 100
128 38.6 37.0 55.6
54 55.5 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.091 min Scan# 1192
Delta R.T. -0.118 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 66.0 63.0 103.0

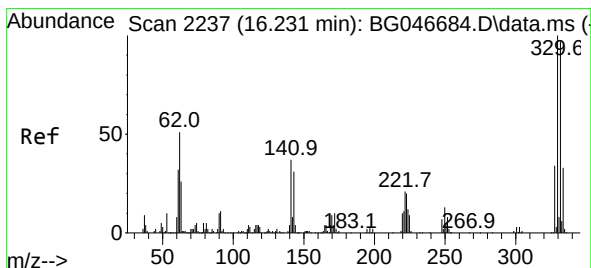
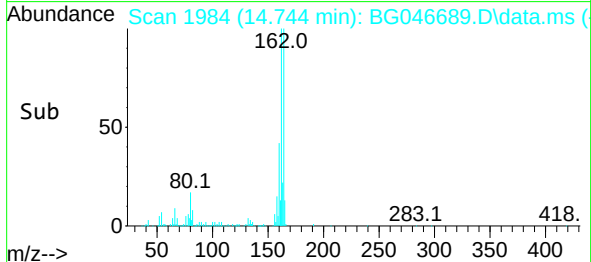
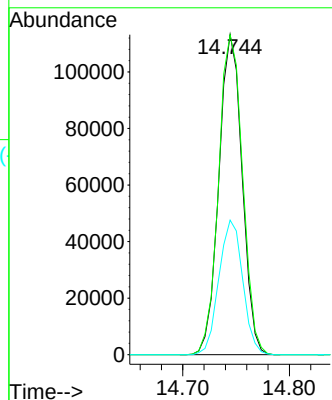
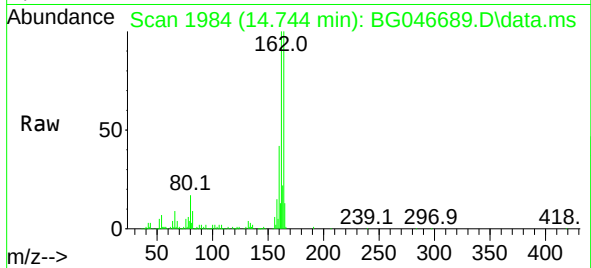




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

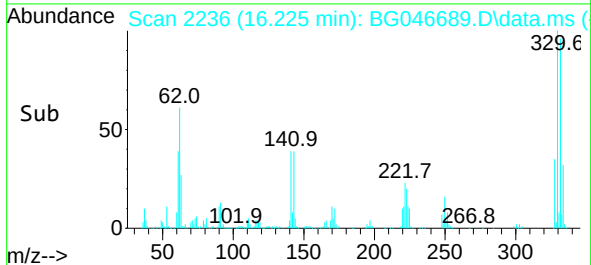
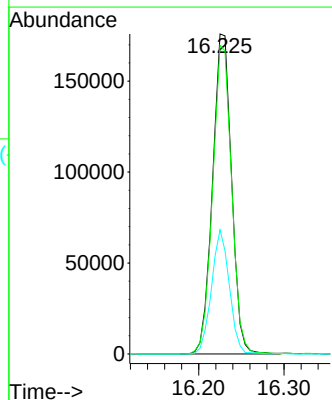
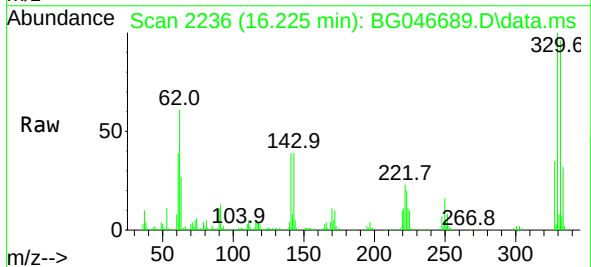
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ClientSampleId :
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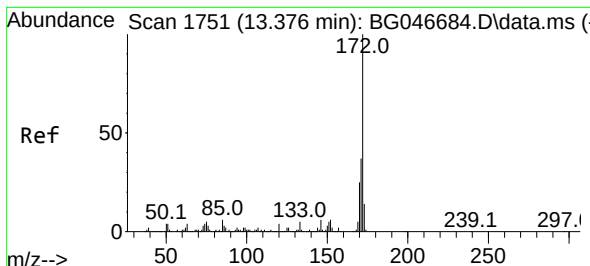
Tgt Ion:164 Resp: 171232
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 42.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 120.35 ng
RT: 16.225 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Tgt Ion:330 Resp: 271733
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.3 26.0 39.0

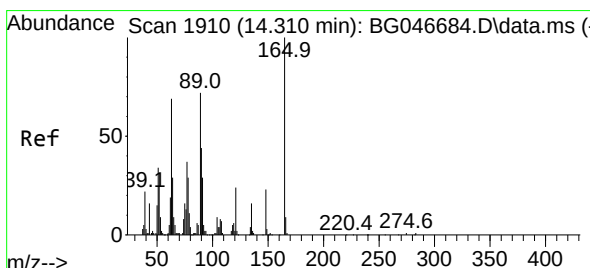
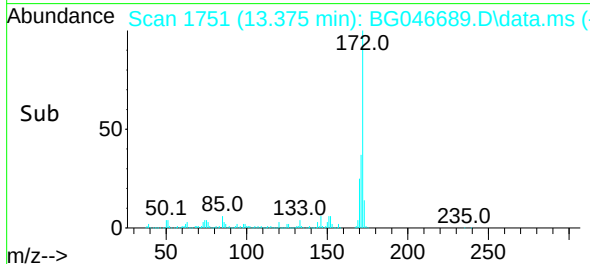
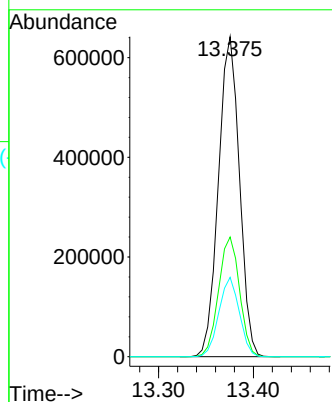
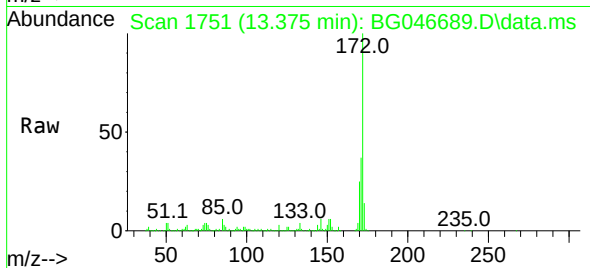




#45
2-Fluorobiphenyl
Concen: 81.77 ng
RT: 13.375 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

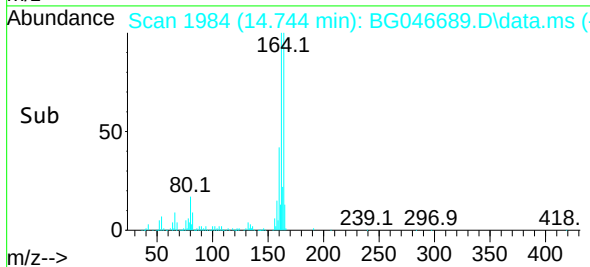
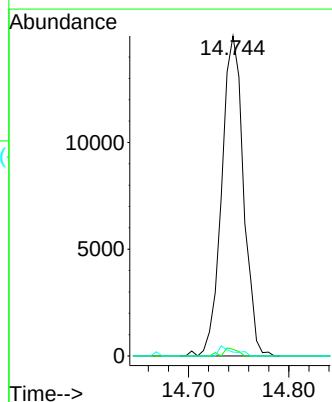
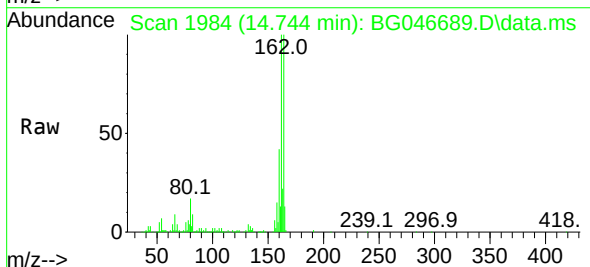
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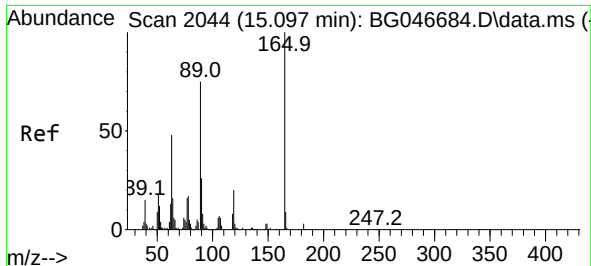
Tgt Ion:172 Resp: 989062
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.8 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.18 ng
RT: 14.744 min Scan# 1984
Delta R.T. 0.434 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

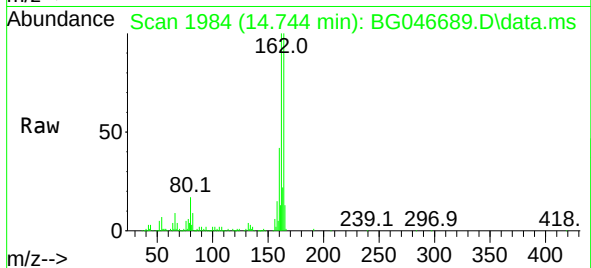
Tgt Ion:165 Resp: 22623
Ion Ratio Lower Upper
165 100
63 2.1 33.7 50.5#
89 1.2 36.6 54.8#



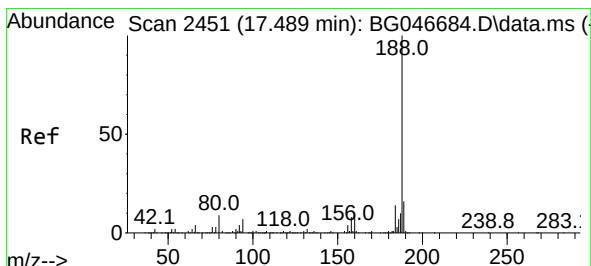
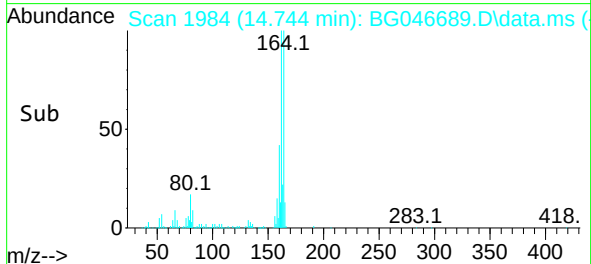
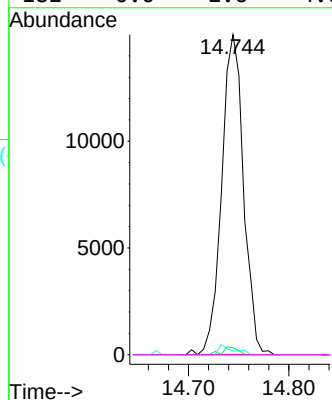


#57
2,4-Dinitrotoluene
Concen: 7.69 ng
RT: 14.744 min Scan# 1984
Delta R.T. -0.353 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Instrument :
BNA_G
ClientSampleId :
PB131810TB

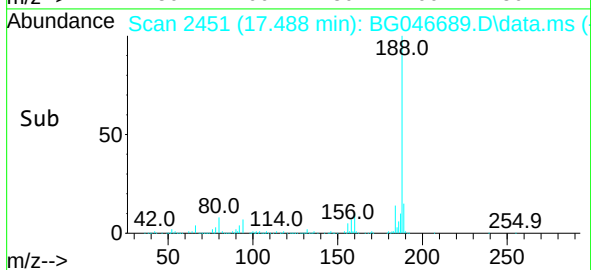
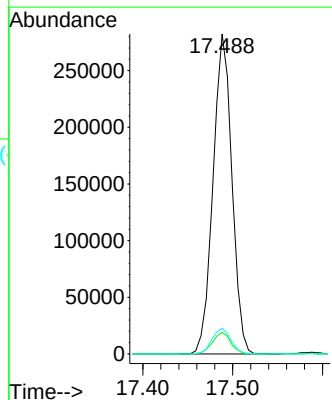
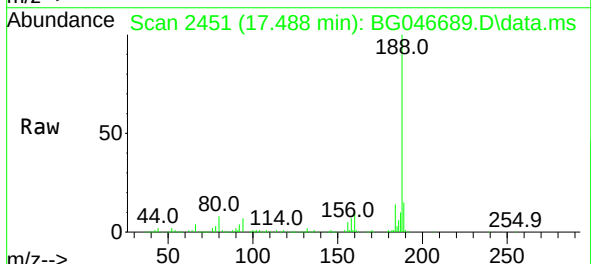


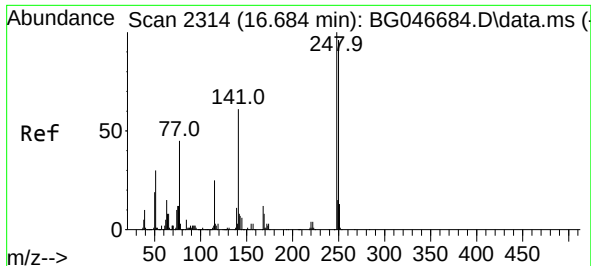
Tgt Ion:165 Resp: 22623
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 1.2 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2451
Delta R.T. -0.001 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Tgt Ion:188 Resp: 411295
Ion Ratio Lower Upper
188 100
94 6.8 6.3 9.5
80 8.1 7.0 10.6

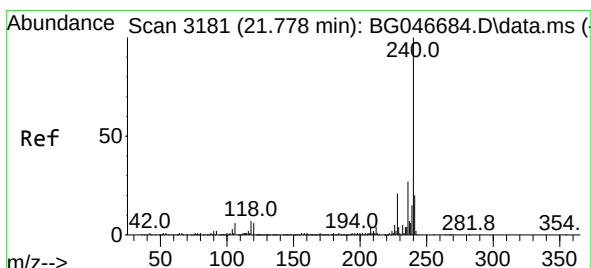
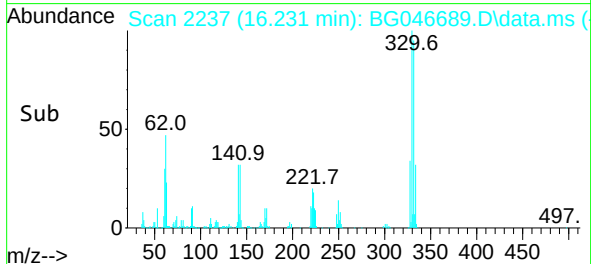
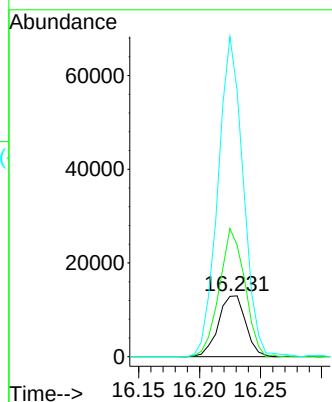
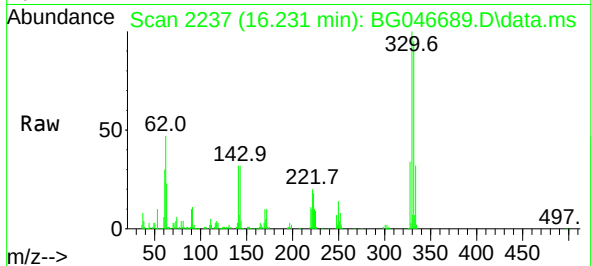




#67
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 16.231 min Scan# 2237
Delta R.T. -0.453 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

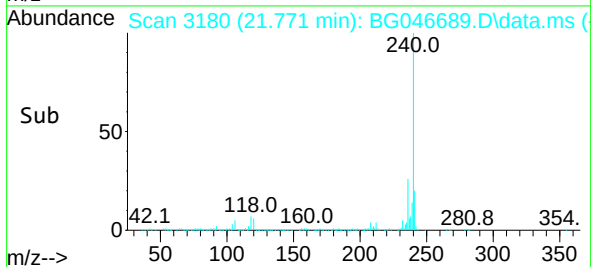
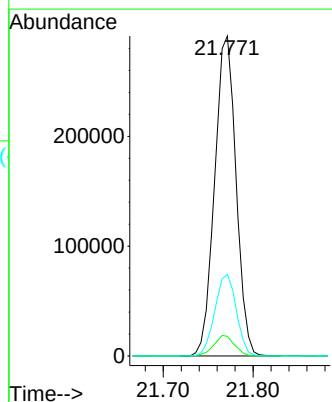
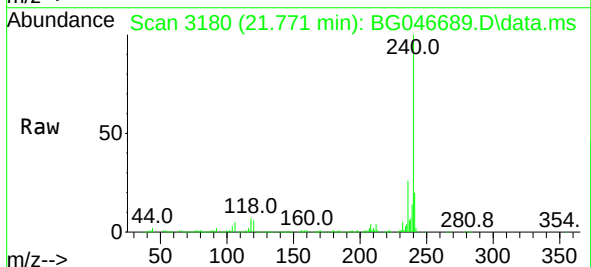
Instrument :
BNA_G
ClientSampleId :
PB131810TB

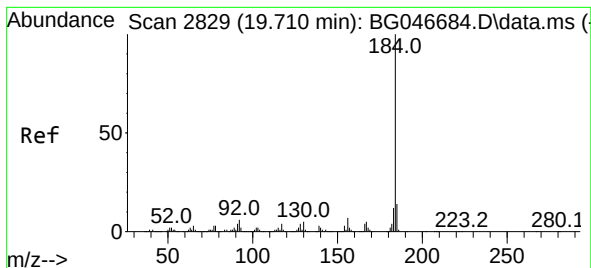
Tgt Ion:248 Resp: 20207
Ion Ratio Lower Upper
248 100
250 182.9 78.9 118.3#
141 338.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.771 min Scan# 3180
Delta R.T. -0.007 min
Lab File: BG046689.D
Acq: 22 Sep 2020 22:07

Tgt Ion:240 Resp: 482092
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 25.5 20.5 30.7





#77

Benzidine

Concen: 2.02 ng

RT: 20.097 min Scan# 2895

Delta R.T. 0.387 min

Lab File: BG046689.D

Acq: 22 Sep 2020 22:07

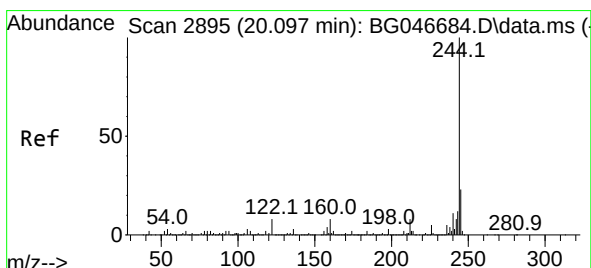
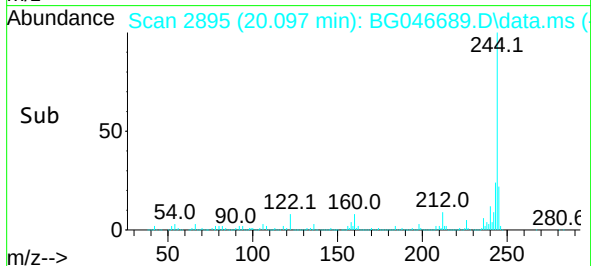
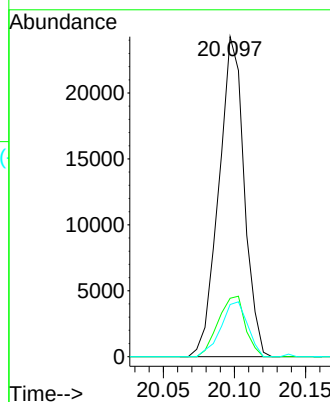
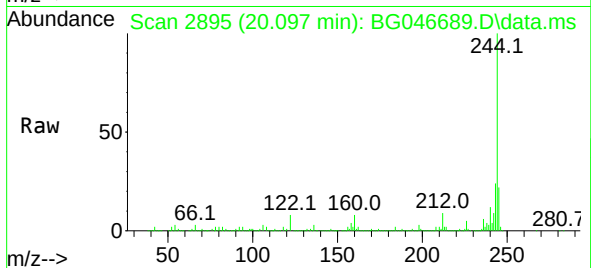
Tgt Ion:184 Resp: 30083

Ion Ratio Lower Upper

184 100

185 18.3 12.4 18.6

183 16.3 10.6 15.8#



#79

Terphenyl-d14

Concen: 74.58 ng

RT: 20.097 min Scan# 2895

Delta R.T. -0.000 min

Lab File: BG046689.D

Acq: 22 Sep 2020 22:07

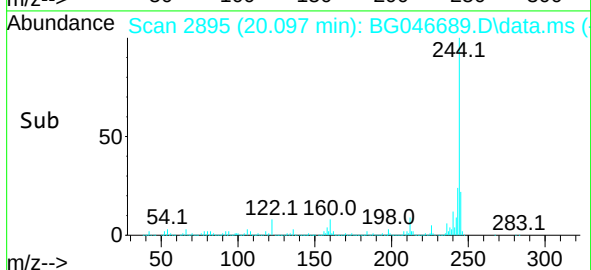
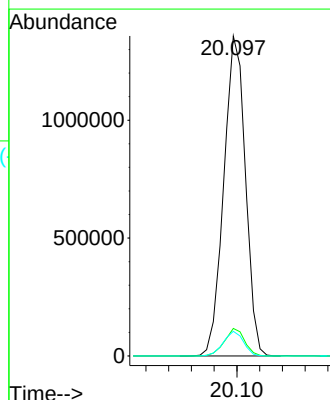
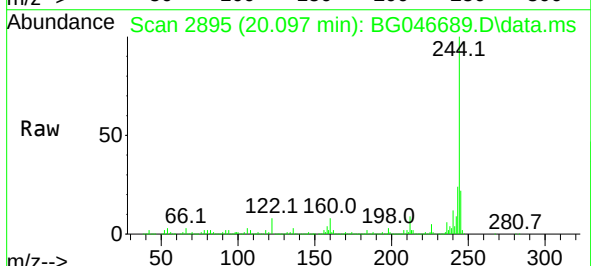
Tgt Ion:244 Resp: 1794022

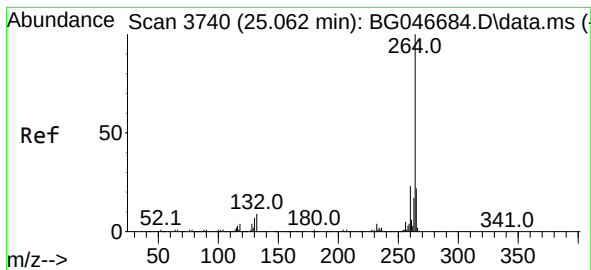
Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 7.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.062 min Scan# 3740
 Delta R.T. -0.000 min
 Lab File: BG046689.D
 Acq: 22 Sep 2020 22:07

Instrument :
 BNA_G
 ClientSampleId :
 PB131810TB

Tgt Ion:264 Resp: 481985
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.8 28.2
 265 20.5 17.8 26.8

