

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046825.D
 Acq On : 8 Oct 2020 21:30
 Operator : CG/JU
 Sample : L4292-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Oct 09 01:12:37 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)

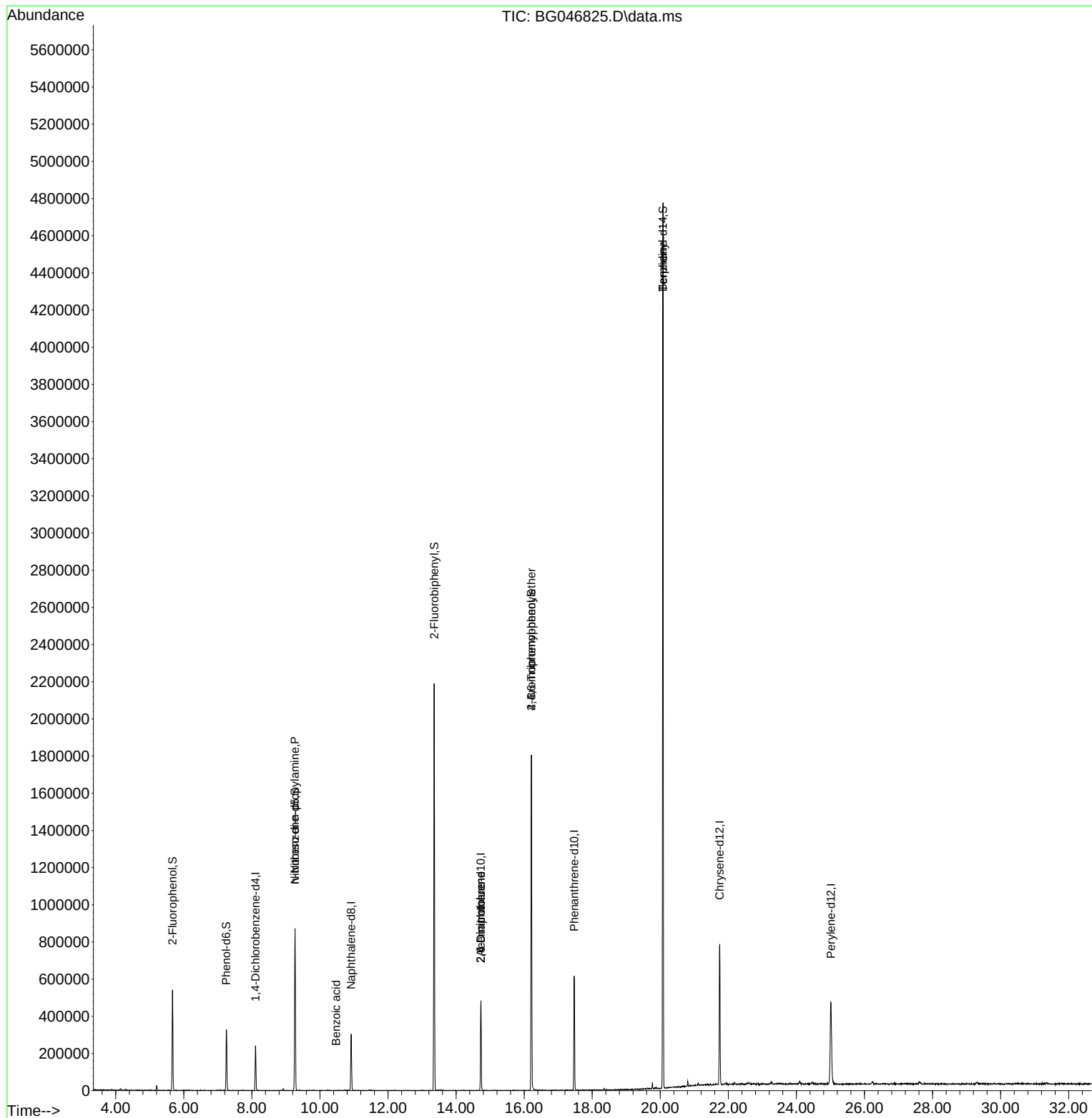
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	64934	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	244581	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	168826	20.00	ng	0.00
64) Phenanthrene-d10	17.469	188	403452	20.00	ng	#-0.01
76) Chrysene-d12	21.746	240	492048	20.00	ng	#-0.01
86) Perylene-d12	25.013	264	513988	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	228070	56.27	ng	0.00
7) Phenol-d6	7.251	99	173963	30.43	ng	0.00
23) Nitrobenzene-d5	9.267	82	515826	112.20	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	354504	159.25	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1131667	94.90	ng	0.00
79) Terphenyl-d14	20.078	244	2045121	83.30	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.251	77	699	Below Cal	#	27
19) n-Nitroso-di-n-propyla...	9.267	70	75335	19.22	ng	# 81
32) Benzoic acid	10.477	122	71	6.37	ng	# 34
51) 2,6-Dinitrotoluene	14.725	165	21392	9.76	ng	# 35
57) 2,4-Dinitrotoluene	14.725	165	21392	7.37	ng	# 33
67) 4-Bromophenyl-phenylether	16.212	248	25437	4.99	ng	# 1
77) Benzidine	20.078	184	35625	2.35	ng	100

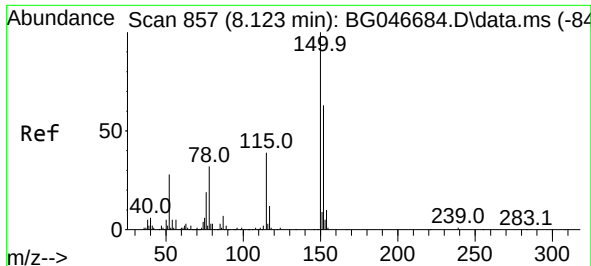
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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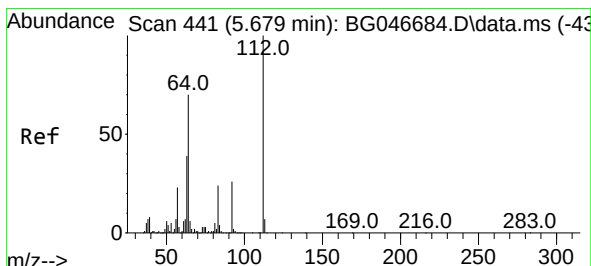
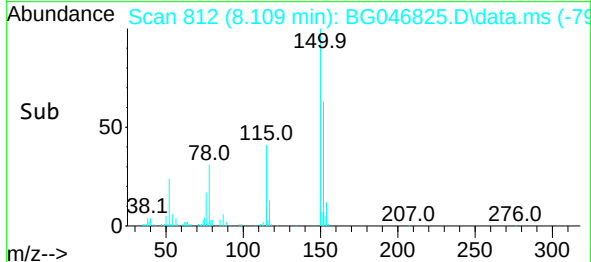
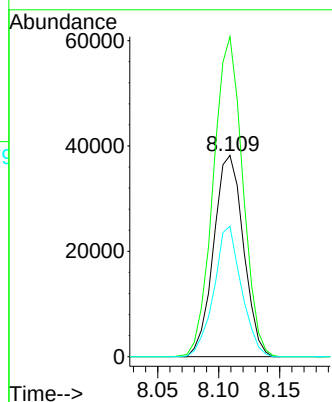
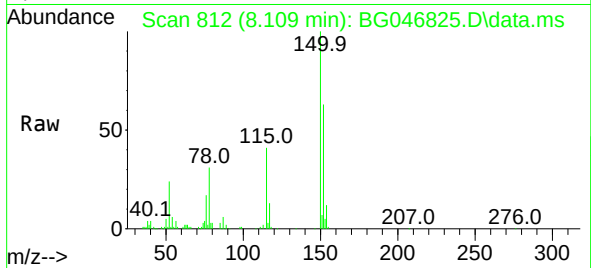




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

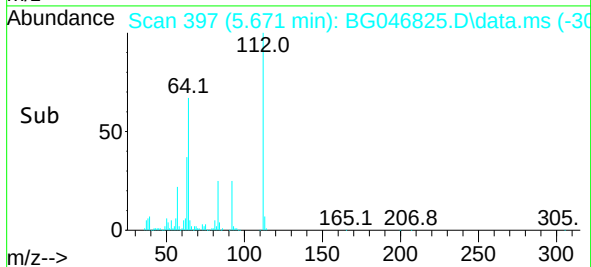
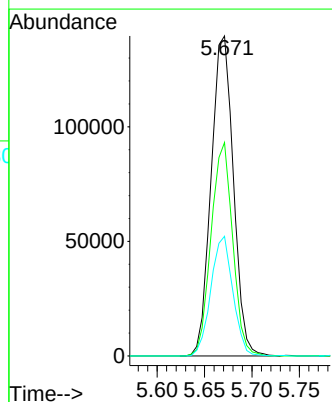
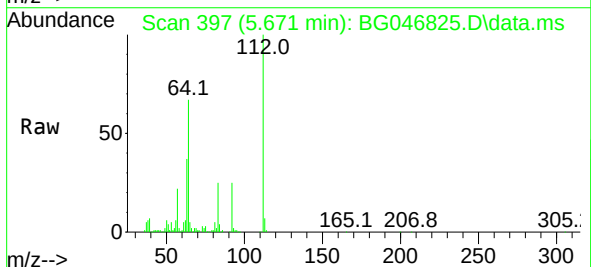
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BNA_G
ClientSampleId :
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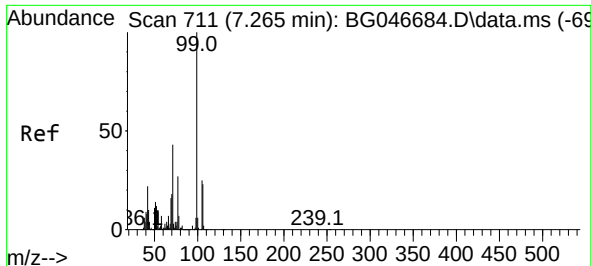
Tgt Ion:152 Resp: 64934
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.6
115 64.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 56.27 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Tgt Ion:112 Resp: 228070
Ion Ratio Lower Upper
112 100
64 66.7 46.7 70.1
63 37.4 22.8 34.2#

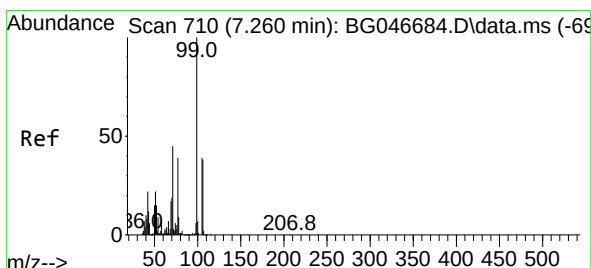
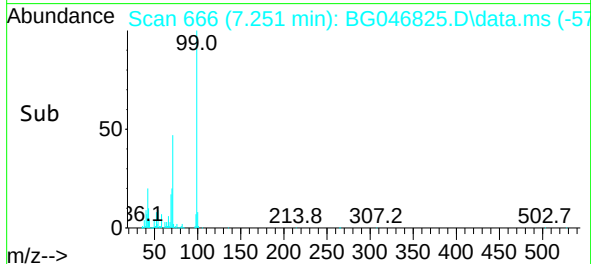
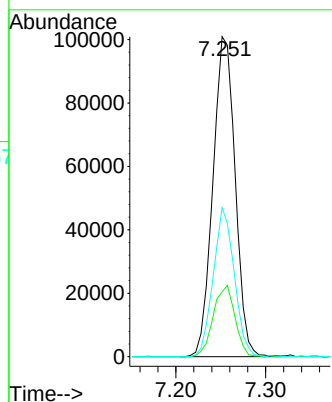
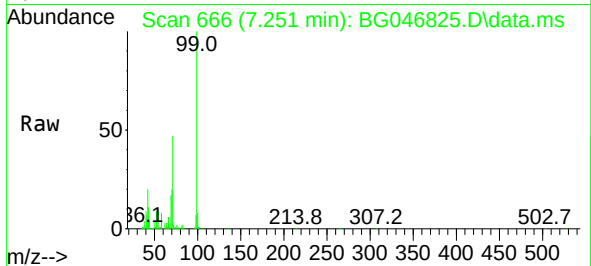




#7
Phenol-d6
Concen: 30.43 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.004 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

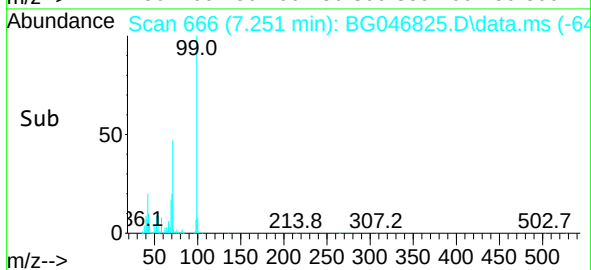
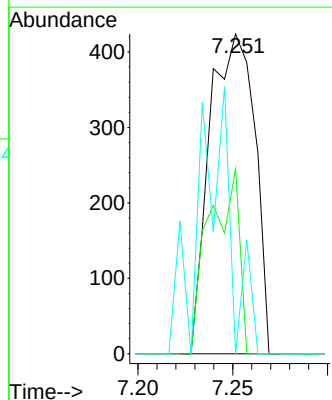
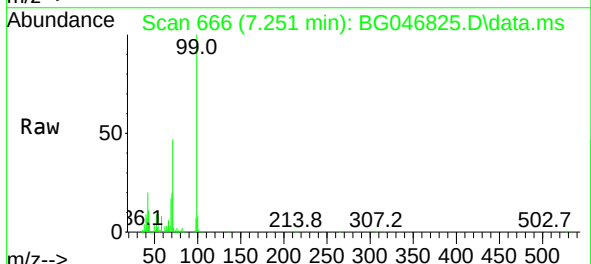
Instrument :
BNA_G
ClientSampleId :
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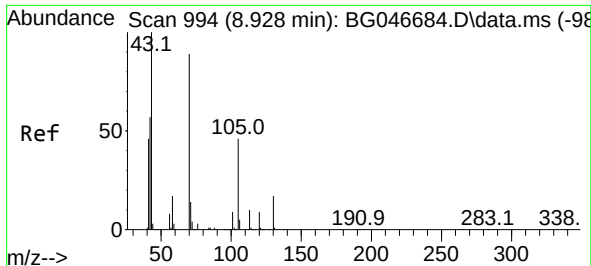
Tgt Ion: 99 Resp: 173963
Ion Ratio Lower Upper
99 100
42 20.3 12.8 19.2#
71 46.5 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

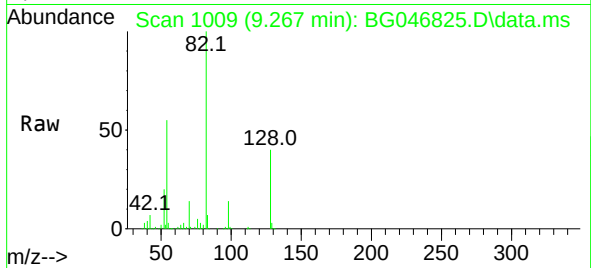
Tgt Ion: 77 Resp: 699
Ion Ratio Lower Upper
77 100
105 57.8 85.9 125.9#
106 0.0 80.9 120.9#



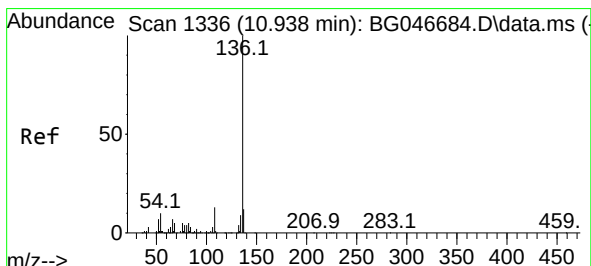
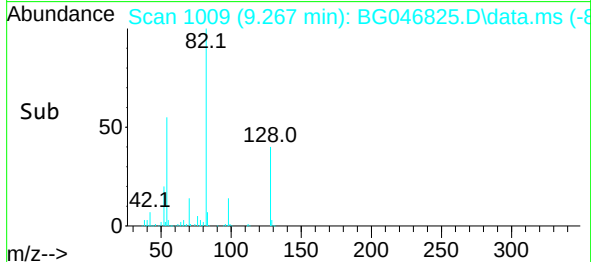
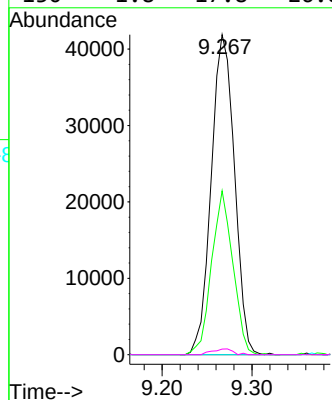


#19
n-Nitroso-di-n-propylamine
Concen: 19.22 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

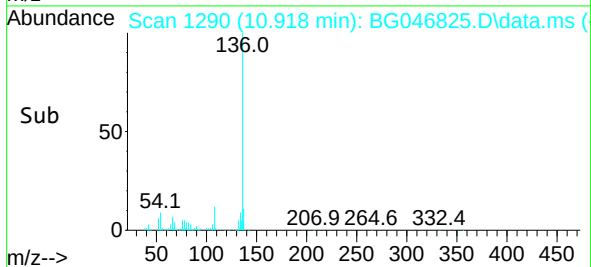
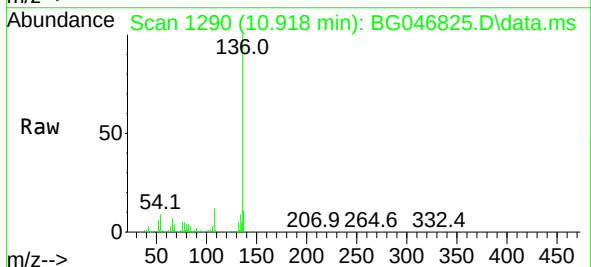
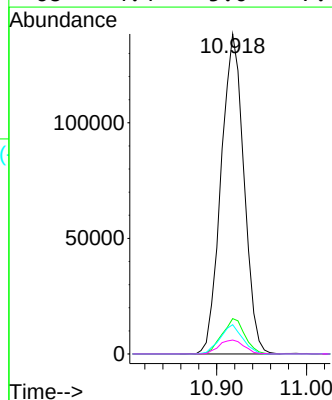


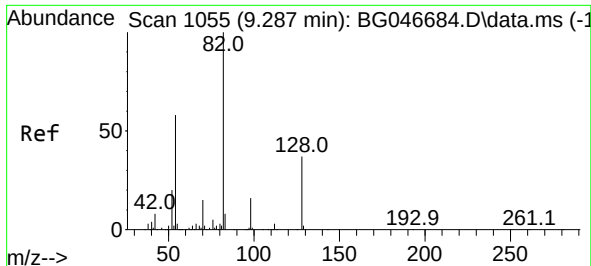
Tgt Ion: 70	Resp: 75335
Ion Ratio	Lower Upper
70 100	
42 51.2	45.6 68.4
101 0.0	8.4 12.6#
130 1.8	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Tgt Ion: 136	Resp: 244581
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 9.2	6.2 9.4
68 4.4	5.0 7.4#

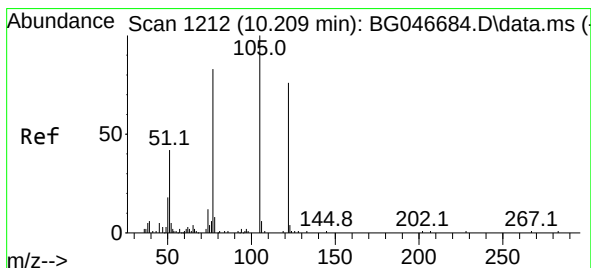
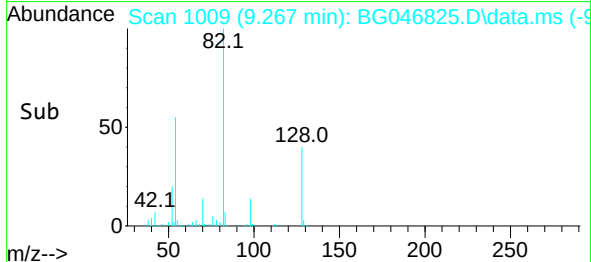
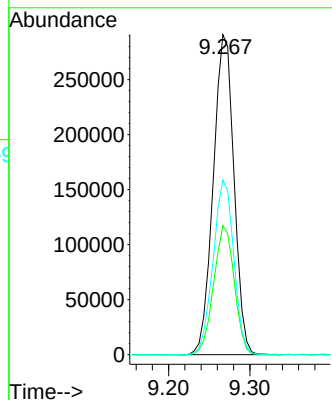
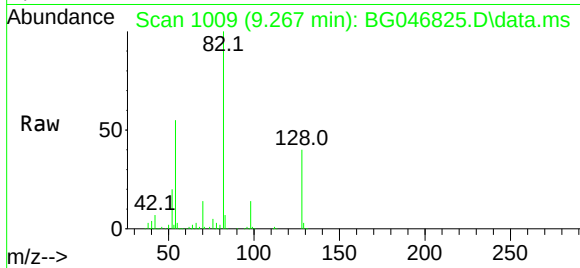




#23
Nitrobenzene-d5
Concen: 112.20 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

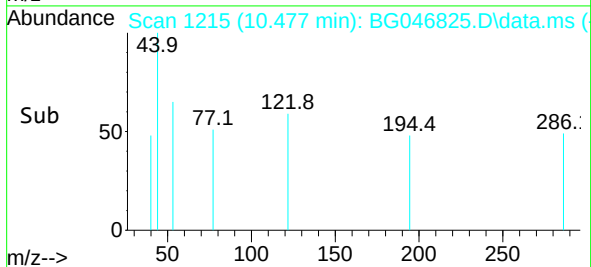
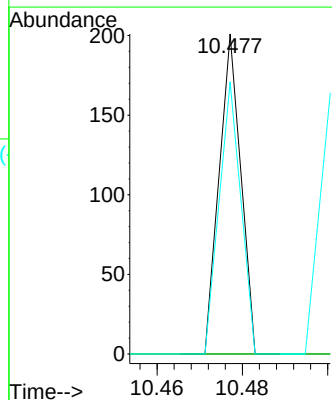
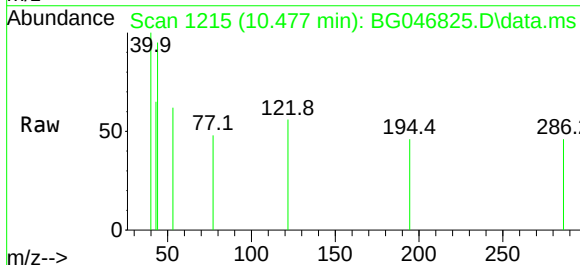
Instrument :
BNA_G
ClientSampleId :
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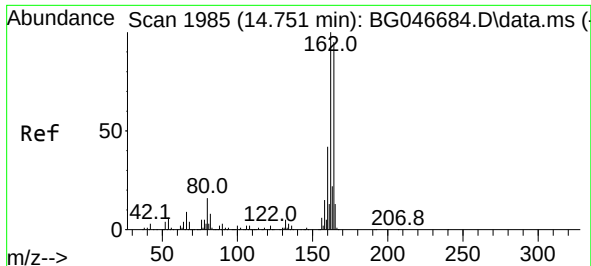
Tgt Ion: 82 Resp: 515826
Ion Ratio Lower Upper
82 100
128 40.3 37.0 55.6
54 54.5 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.477 min Scan# 1215
Delta R.T. 0.283 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Tgt Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 85.1 63.0 103.0

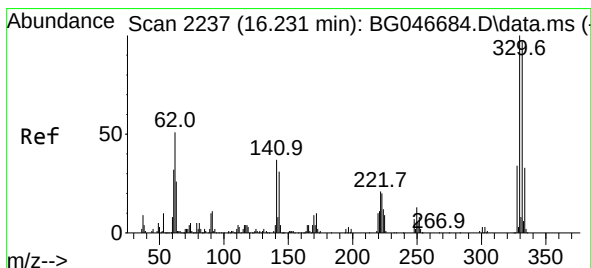
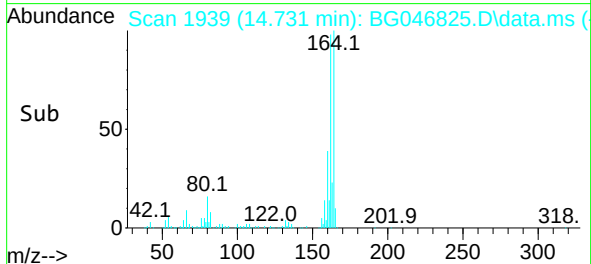
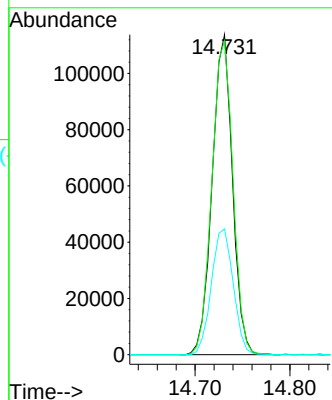
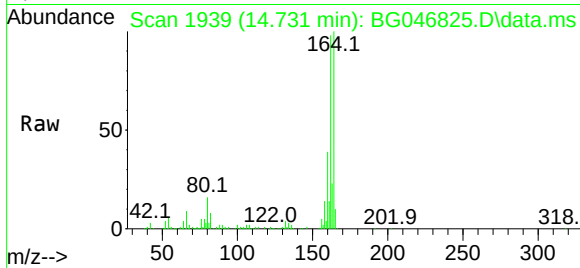




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

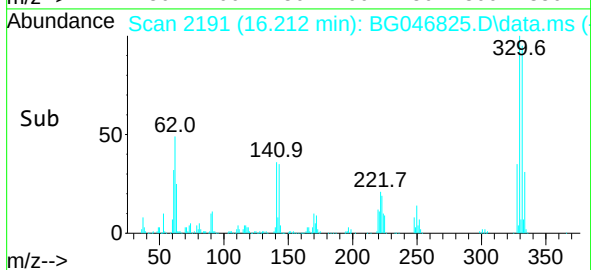
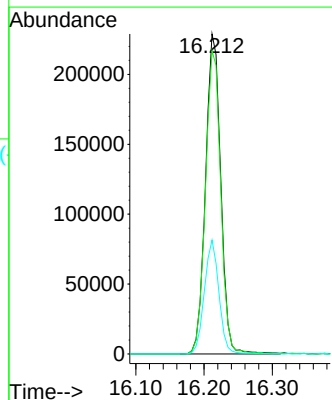
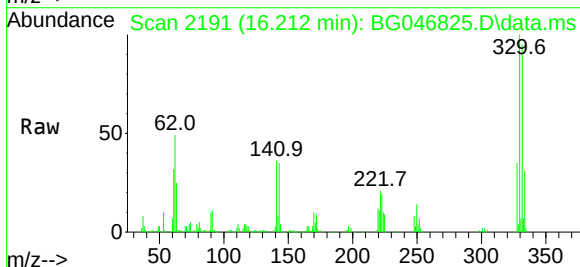
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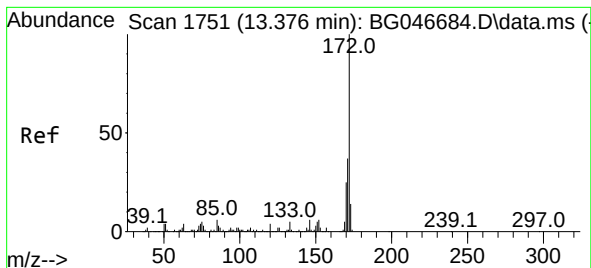
Tgt Ion:164 Resp: 168826
Ion Ratio Lower Upper
164 100
162 98.0 82.3 123.5
160 39.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 159.25 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Tgt Ion:330 Resp: 354504
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 34.2 26.0 39.0

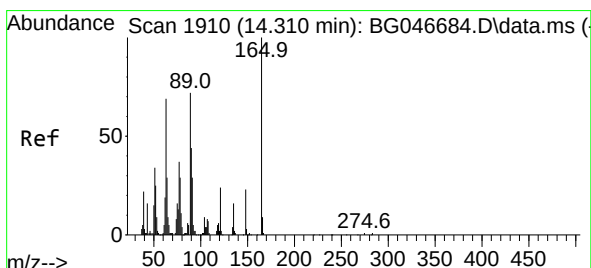
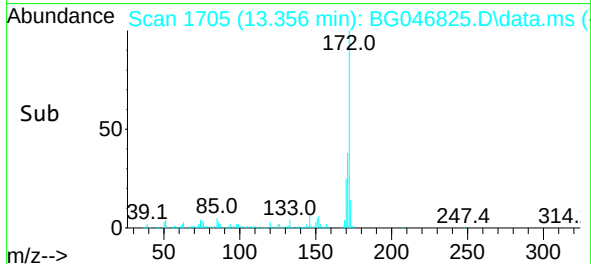
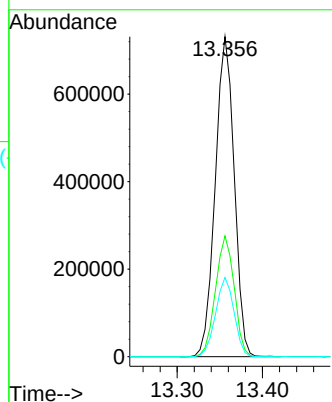
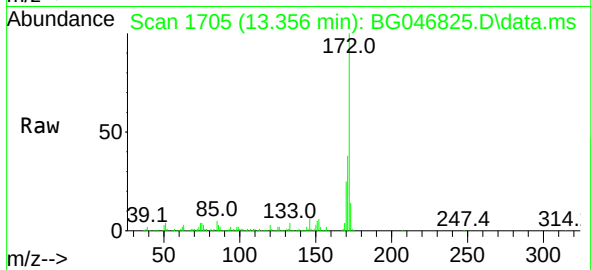




#45
2-Fluorobiphenyl
Concen: 94.90 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

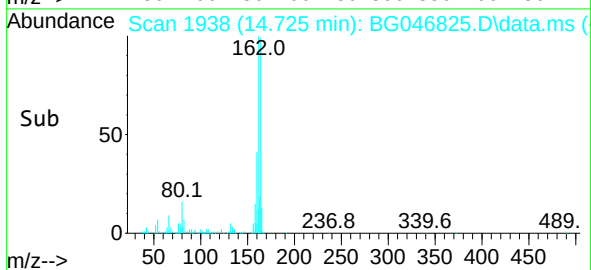
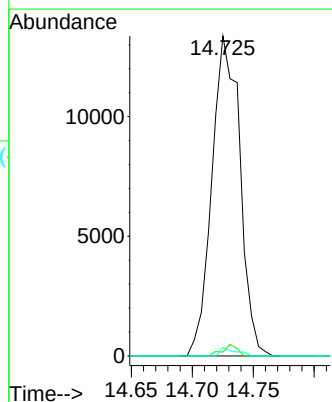
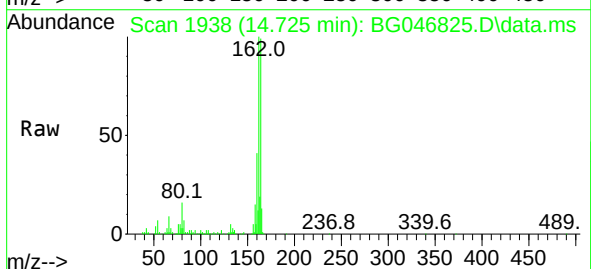
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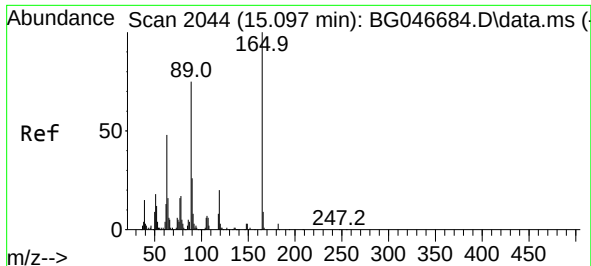
Tgt Ion:172 Resp: 1131667
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 24.7 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 9.76 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Tgt Ion:165 Resp: 21392
Ion Ratio Lower Upper
165 100
63 1.2 33.7 50.5#
89 2.7 36.6 54.8#

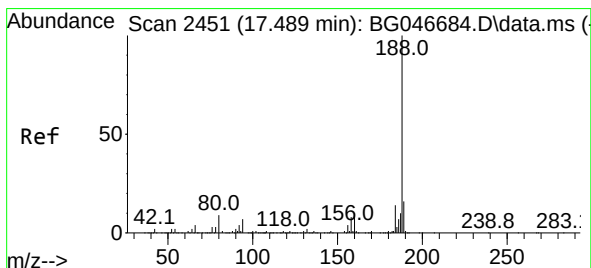
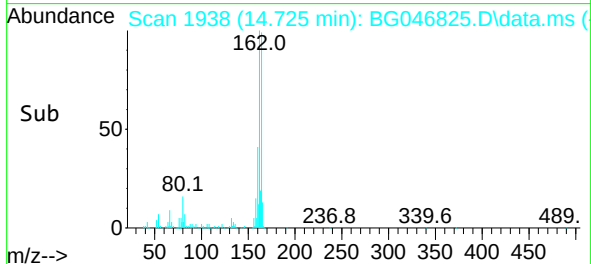
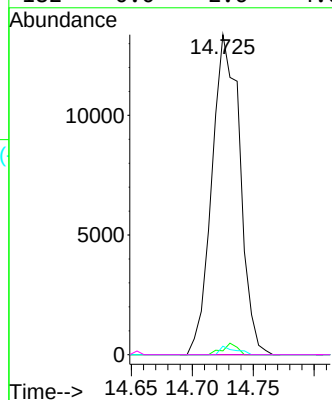
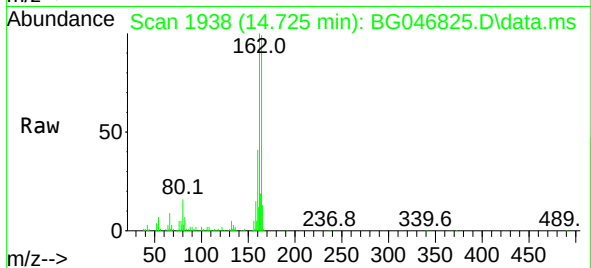




#57
2,4-Dinitrotoluene
Concen: 7.37 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

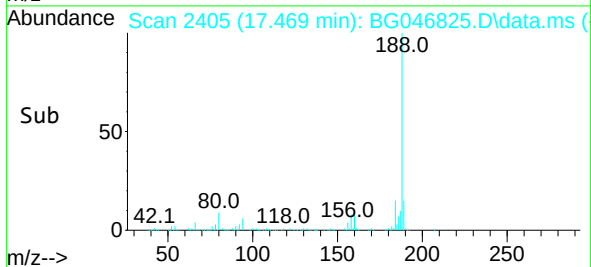
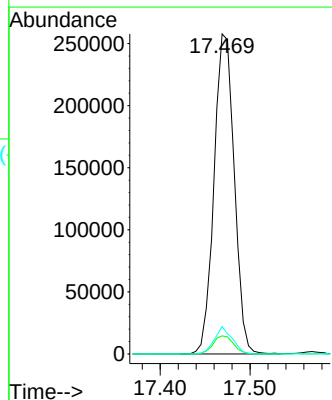
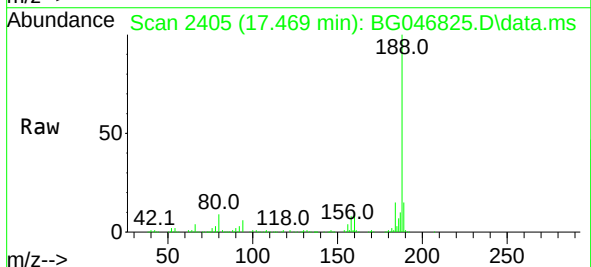
Instrument :
BNA_G
ClientSampleId :
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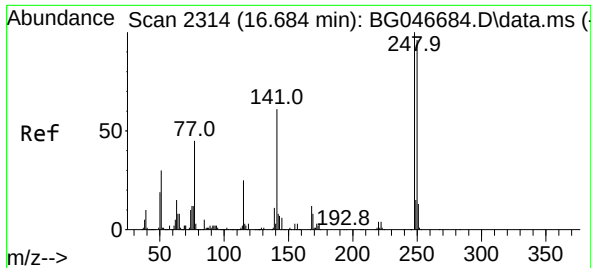
Tgt Ion:165 Resp: 21392
Ion Ratio Lower Upper
165 100
63 1.2 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Tgt Ion:188 Resp: 403452
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 8.5 7.0 10.6

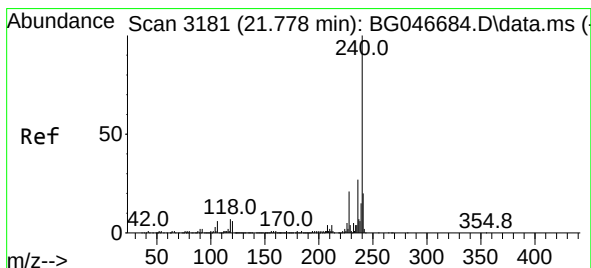
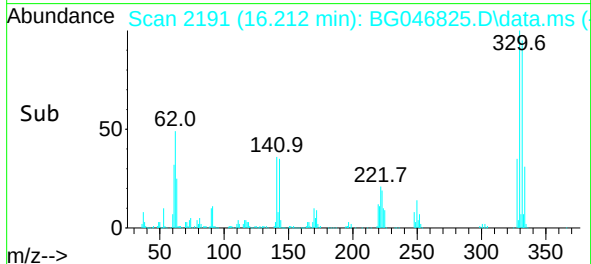
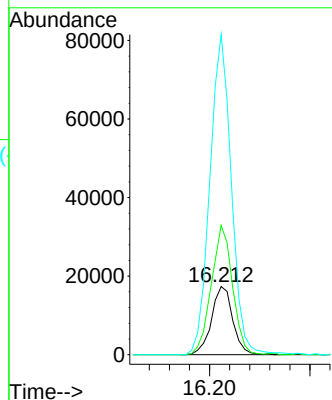
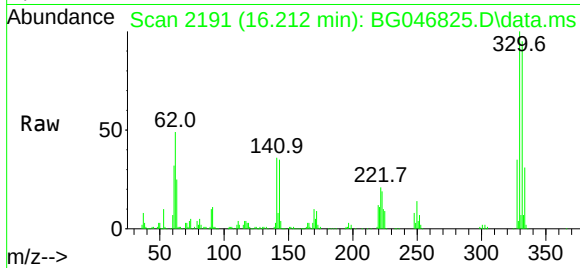




#67
4-Bromophenyl-phenylether
Concen: 4.99 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

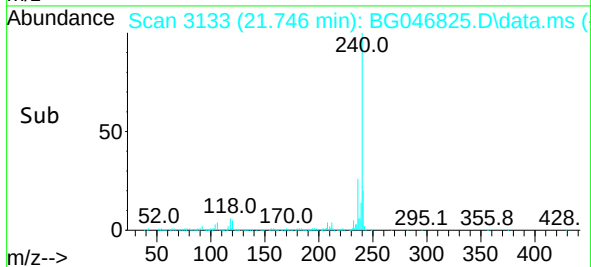
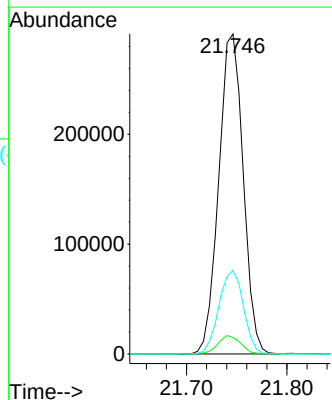
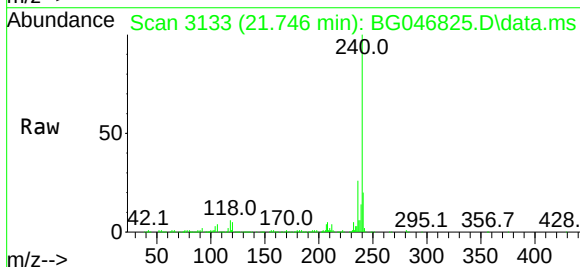
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ClientSampleId :
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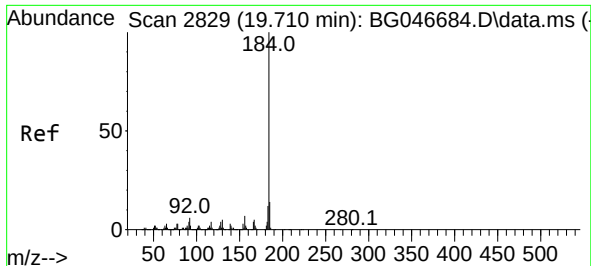
Tgt Ion:248 Resp: 25437
Ion Ratio Lower Upper
248 100
250 177.2 78.9 118.3#
141 349.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.746 min Scan# 3133
Delta R.T. -0.010 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

Tgt Ion:240 Resp: 492048
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 26.1 20.5 30.7

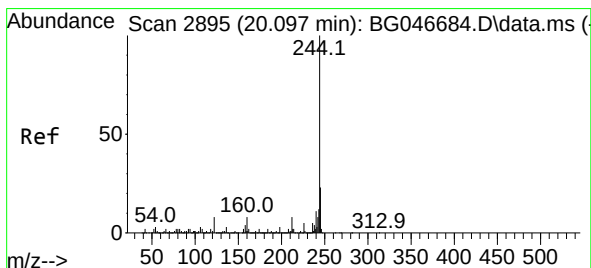
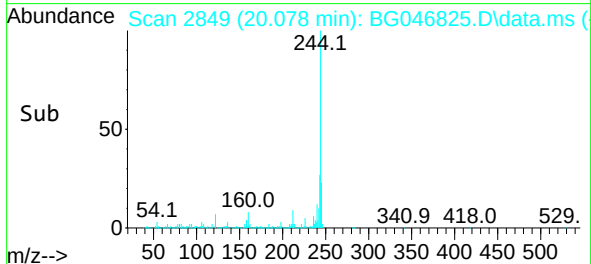
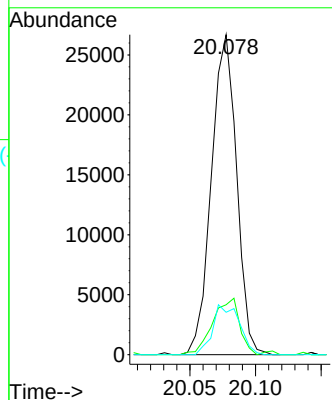
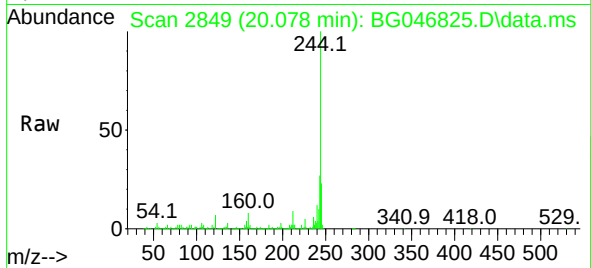




#77
Benzidine
Concen: 2.35 ng
RT: 20.078 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

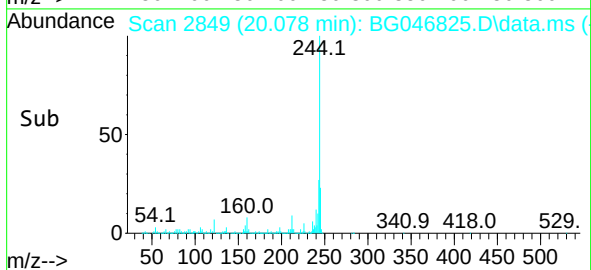
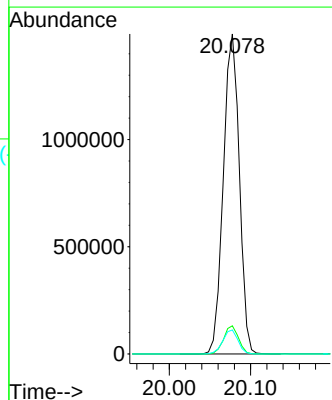
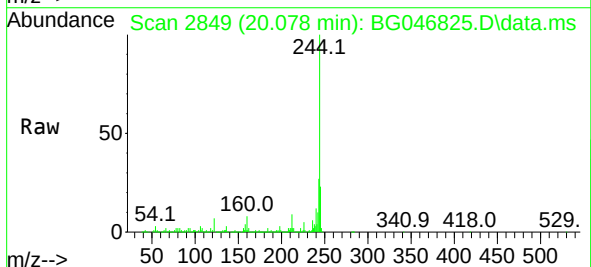
Instrument :
BNA_G
ClientSampleId :
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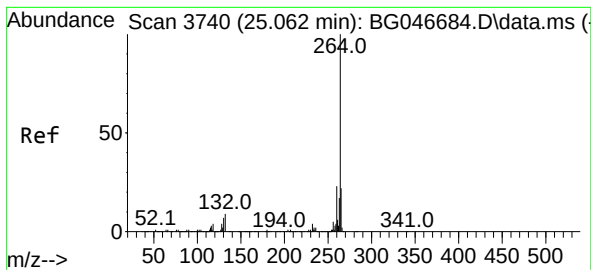
Tgt Ion:184 Resp: 35625
Ion Ratio Lower Upper
184 100
185 15.6 12.4 18.6
183 13.2 10.6 15.8



#79
Terphenyl-d14
Concen: 83.30 ng
RT: 20.078 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG046825.D
Acq: 8 Oct 2020 21:30

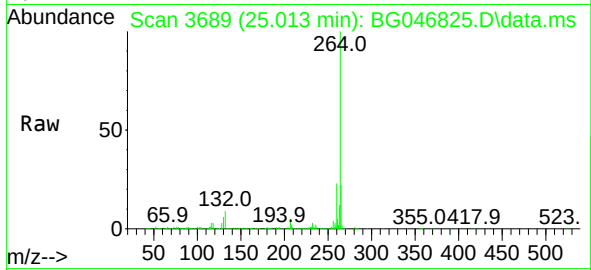
Tgt Ion:244 Resp: 2045121
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 7.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.013 min Scan# 3689
 Delta R.T. -0.016 min
 Lab File: BG046825.D
 Acq: 8 Oct 2020 21:30

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK



Tgt Ion:	264	Resp:	513988
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.8	28.2
265	21.7	17.8	26.8

