

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046861.D
 Acq On : 13 Oct 2020 3:48
 Operator : CG/JU
 Sample : PB132258TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132258TB

Quant Time: Oct 13 04:39:34 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)

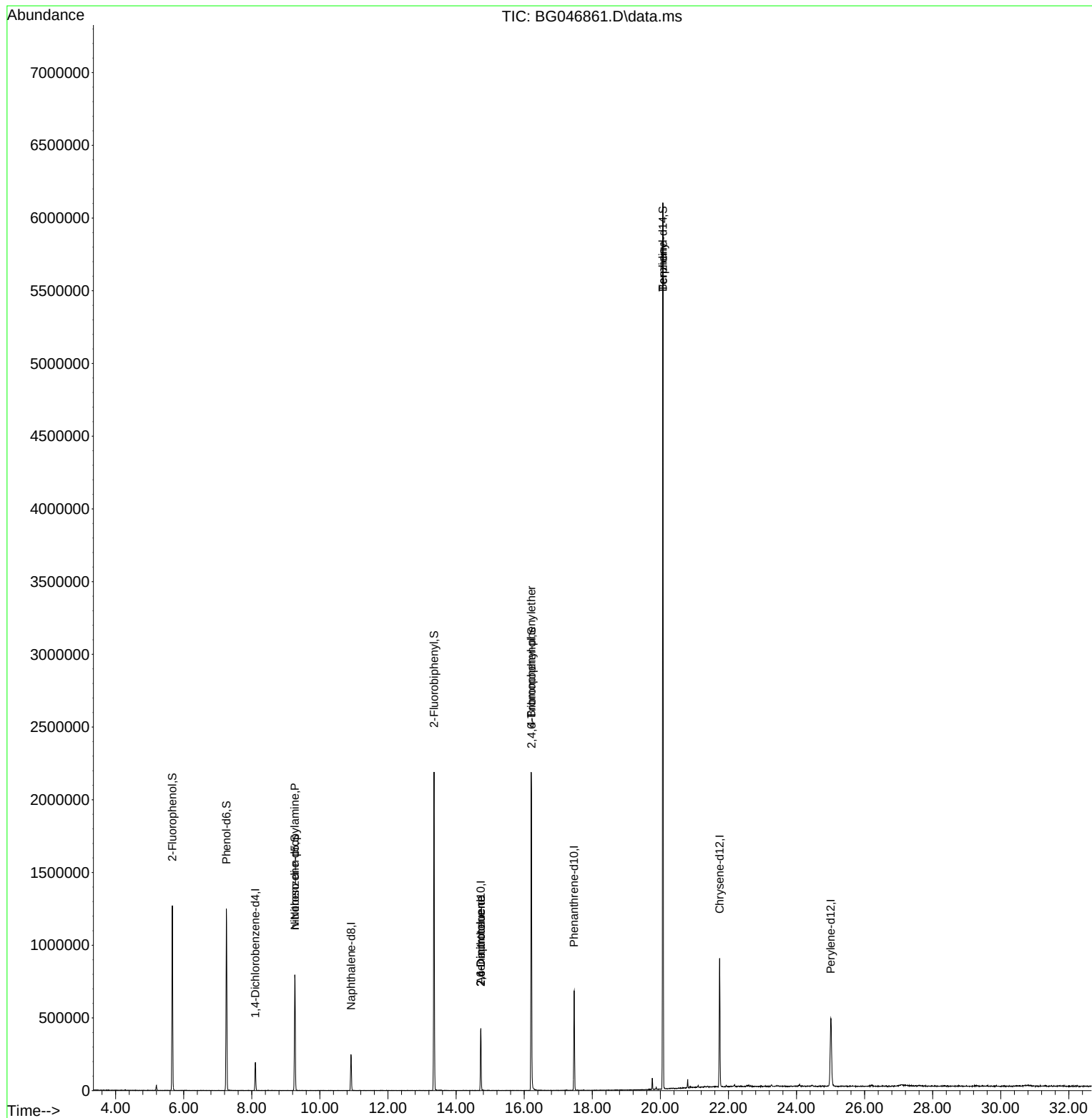
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	55124	20.00	ng	# 0.00
21) Naphthalene-d8	10.915	136	206001	20.00	ng	# 0.00
39) Acenaphthene-d10	14.728	164	155429	20.00	ng	0.00
64) Phenanthrene-d10	17.466	188	456602	20.00	ng	#-0.01
76) Chrysene-d12	21.743	240	551070	20.00	ng	#-0.01
86) Perylene-d12	25.010	264	536257	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	524960	152.56	ng	0.00
7) Phenol-d6	7.254	99	680409	140.19	ng	0.00
23) Nitrobenzene-d5	9.264	82	477217	123.24	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	427779	208.73	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	1121826	102.18	ng	0.00
79) Terphenyl-d14	20.074	244	2612189	95.00	ng	0.00
Target Compounds						
9) Benzaldehyde	7.254	77	1489	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.264	70	68237	20.50	ng	# 78
51) 2,6-Dinitrotoluene	14.722	165	20113	9.97	ng	# 36
57) 2,4-Dinitrotoluene	14.722	165	20113	7.53	ng	# 34
67) 4-Bromophenyl-phenylether	16.208	248	30414	5.27	ng	# 1
77) Benzidine	20.074	184	49144	2.89	ng	98

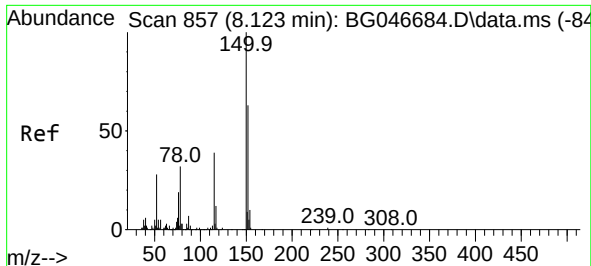
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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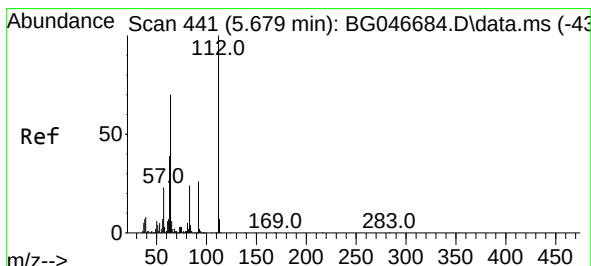
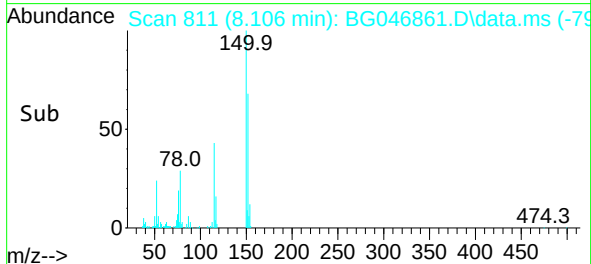
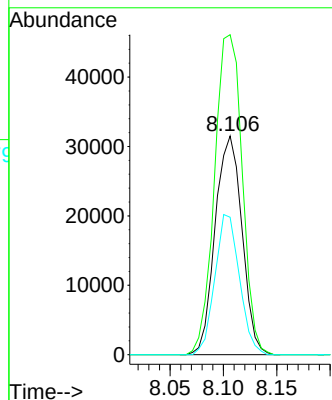
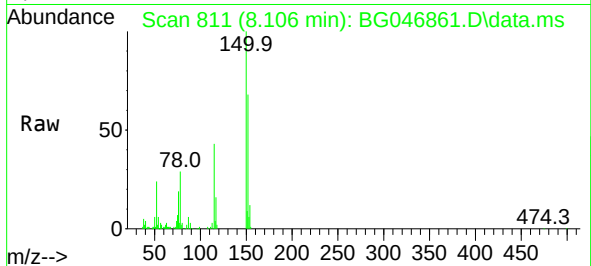




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

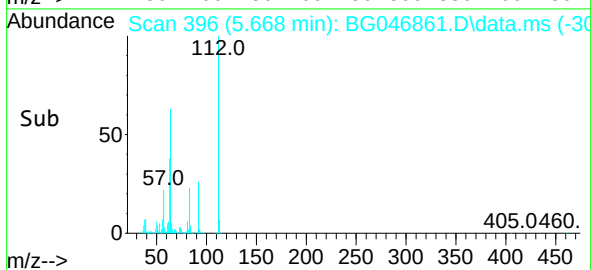
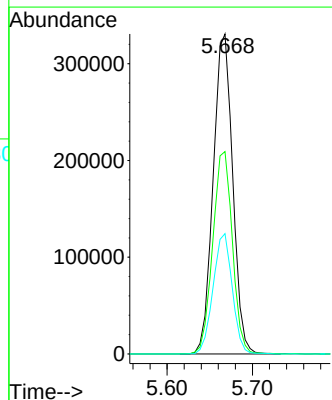
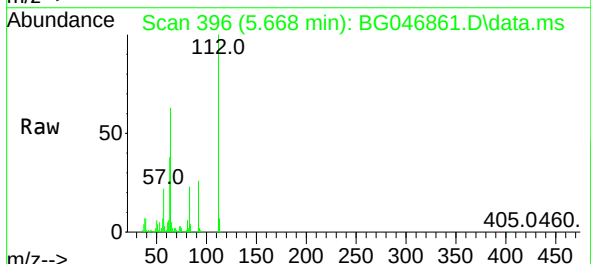
Instrument :
BNA_G
ClientSampleId :
PB132258TB

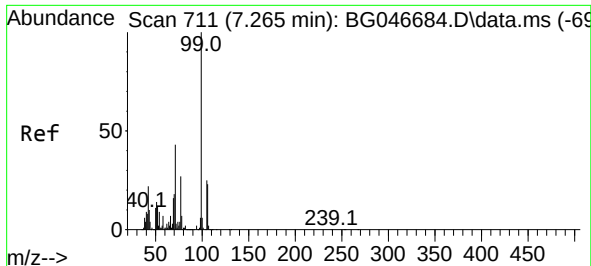
Tgt Ion:152 Resp: 55124
Ion Ratio Lower Upper
152 100
150 146.3 125.0 187.6
115 62.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 152.56 ng
RT: 5.668 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion:112 Resp: 524960
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 37.6 22.8 34.2#

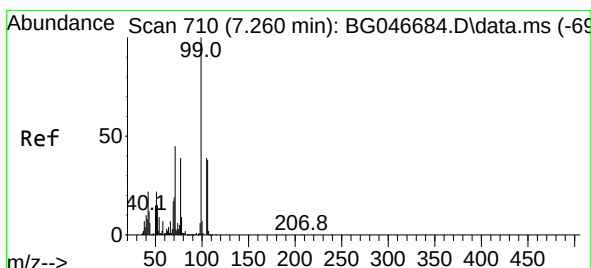
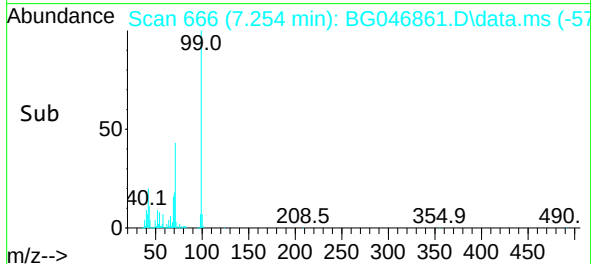
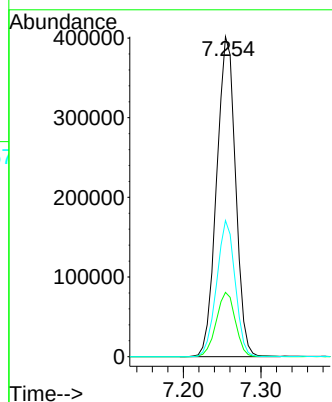
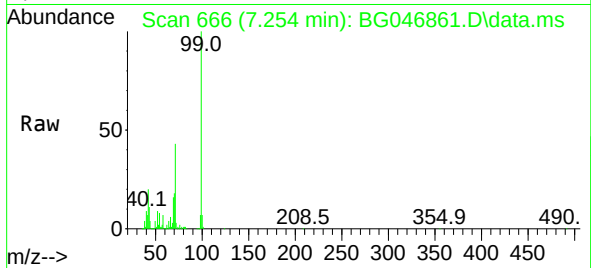




#7
Phenol-d6
Concen: 140.19 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

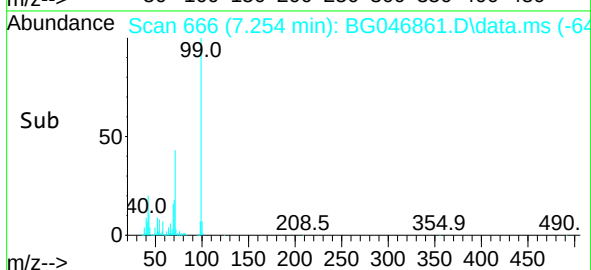
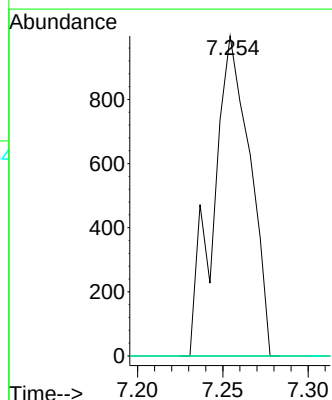
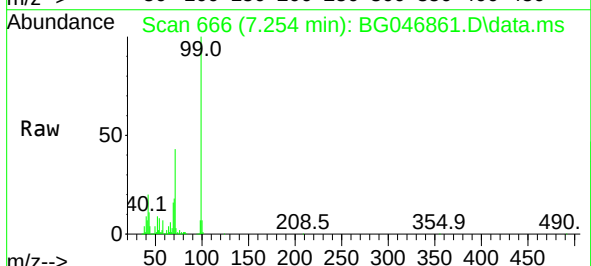
Instrument :
BNA_G
ClientSampleId :
PB132258TB

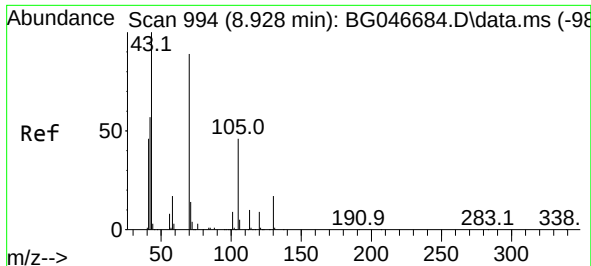
Tgt Ion: 99 Resp: 680409
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 42.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.254 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion: 77 Resp: 1489
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

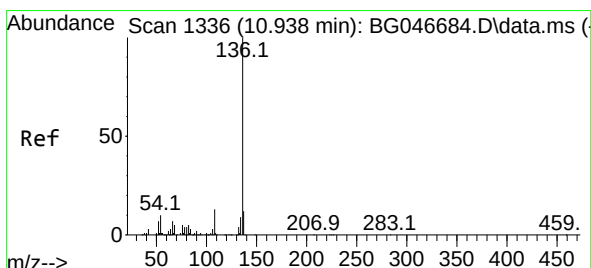
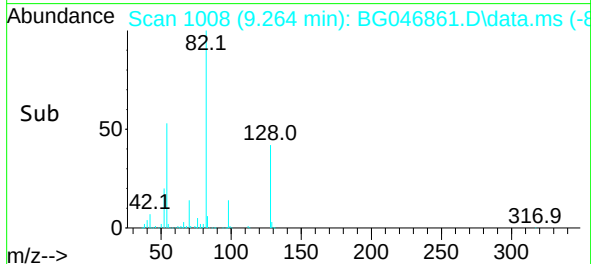
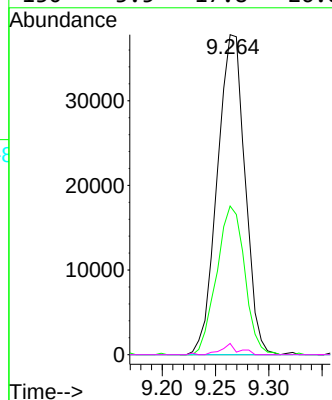
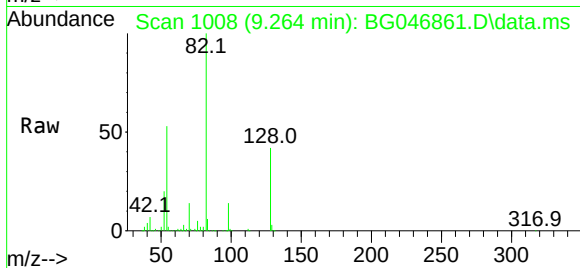




#19
n-Nitroso-di-n-propylamine
Concen: 20.50 ng
RT: 9.264 min Scan# 1008
Delta R.T. 0.351 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

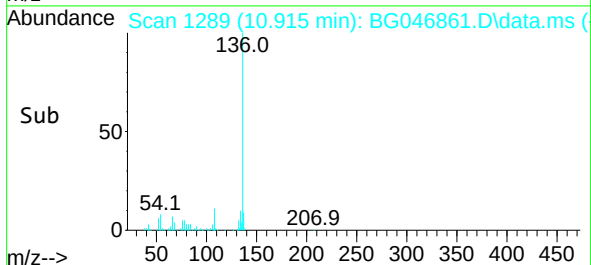
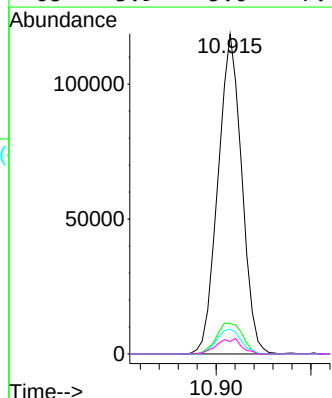
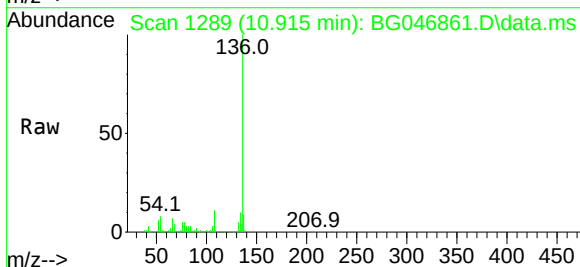
Instrument :
BNA_G
ClientSampleId :
PB132258TB

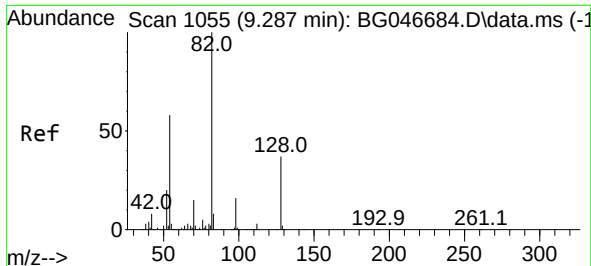
Tgt Ion:	70	Resp:	68237
Ion	Ratio	Lower	Upper
70	100		
42	46.5	45.6	68.4
101	0.0	8.4	12.6#
130	3.5	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.915 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion:	136	Resp:	206001
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.1	13.7
54	7.7	6.2	9.4
68	3.9	5.0	7.4#

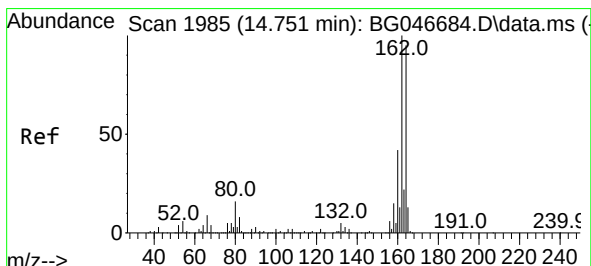
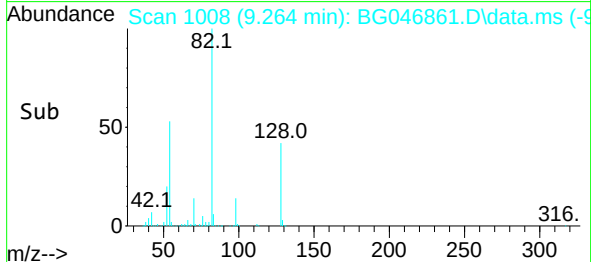
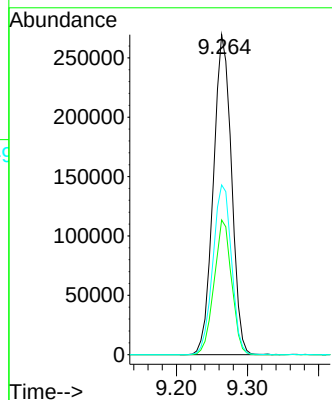
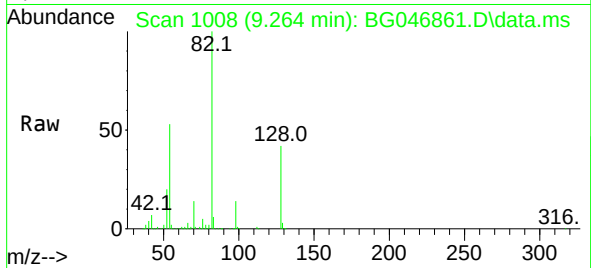




#23
Nitrobenzene-d5
Concen: 123.24 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

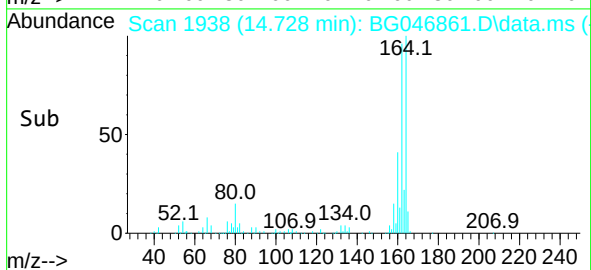
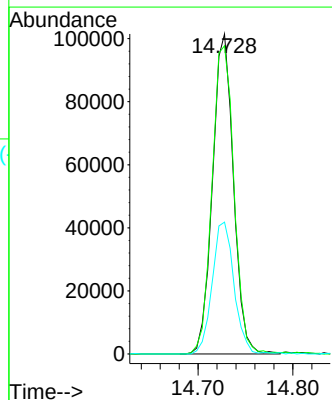
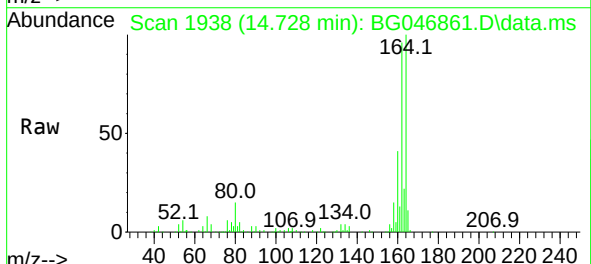
Instrument :
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ClientSampleId :
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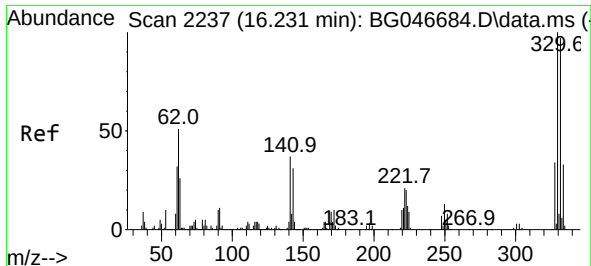
Tgt Ion: 82 Resp: 477217
Ion Ratio Lower Upper
82 100
128 42.1 37.0 55.6
54 53.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion: 164 Resp: 155429
Ion Ratio Lower Upper
164 100
162 96.3 82.3 123.5
160 41.2 35.3 52.9

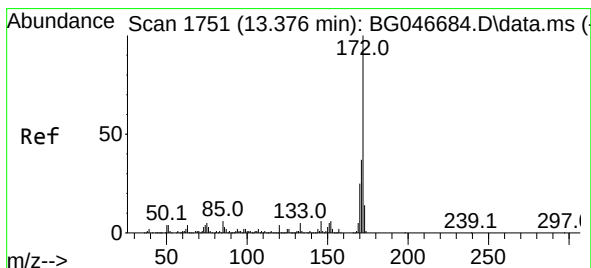
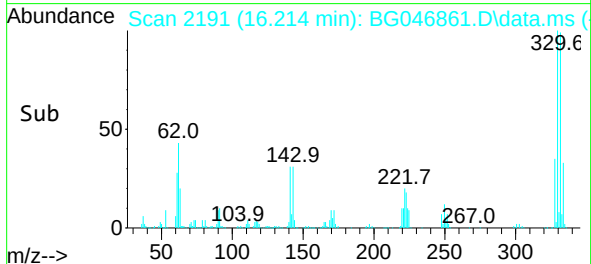
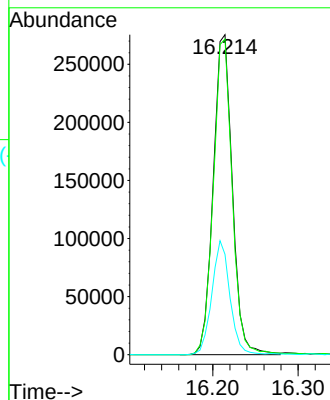
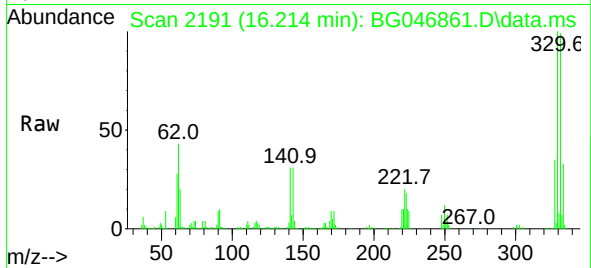




#42
2,4,6-Tribromophenol
Concen: 208.73 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

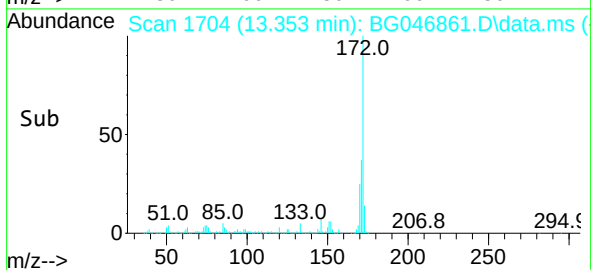
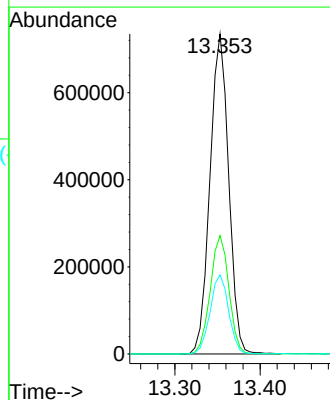
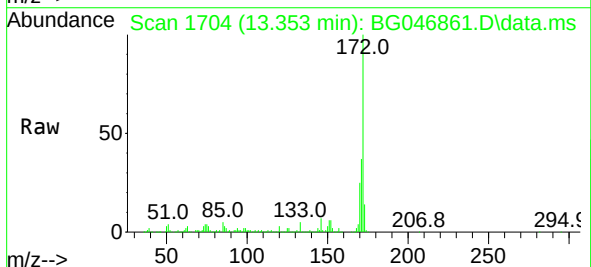
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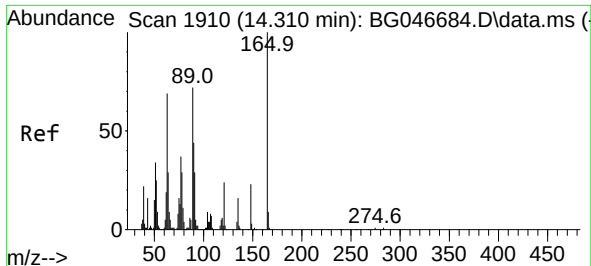
Tgt Ion:330 Resp: 427779
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 34.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 102.18 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion:172 Resp: 1121826
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 24.7 20.8 31.2

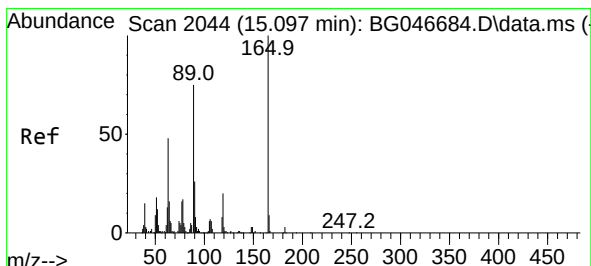
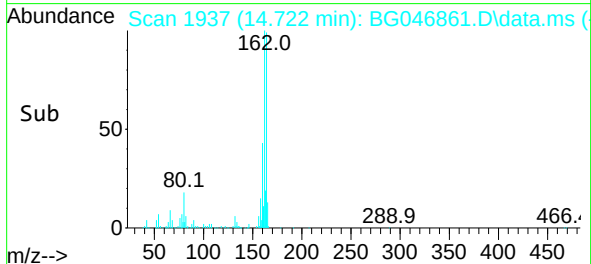
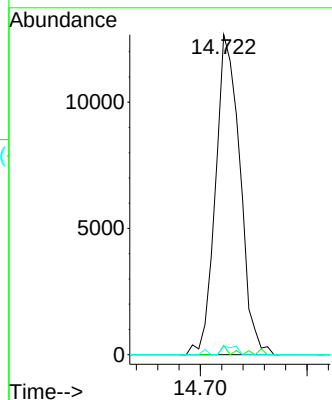
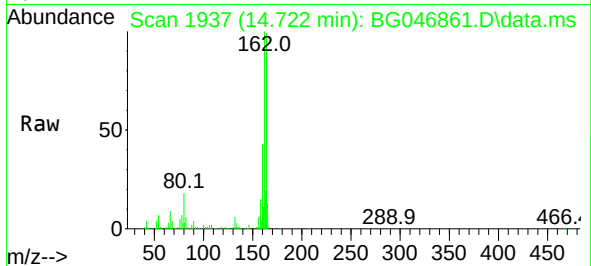




#51
2,6-Dinitrotoluene
Concen: 9.97 ng
RT: 14.722 min Scan# 1937
Delta R.T. 0.421 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

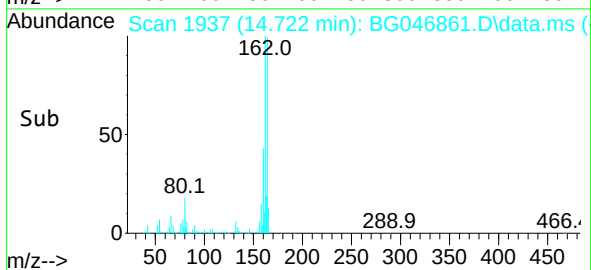
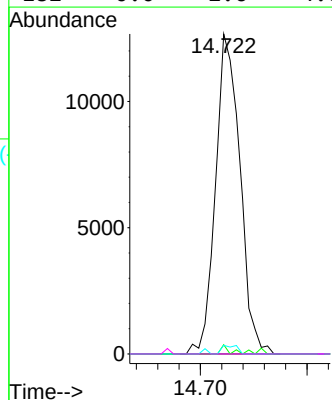
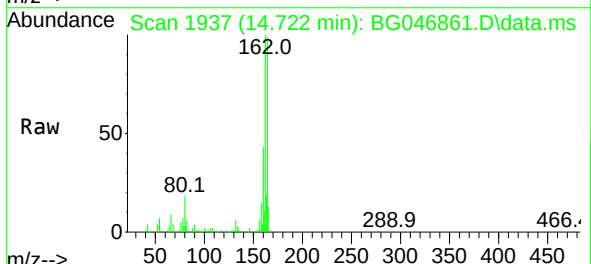
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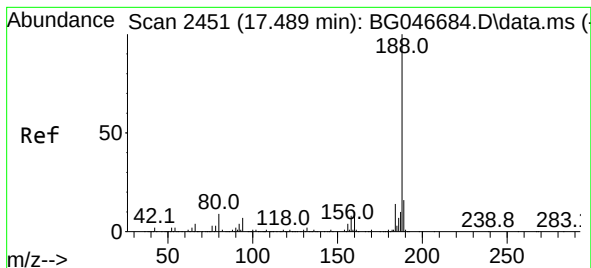
Tgt Ion:165 Resp: 20113
Ion Ratio Lower Upper
165 100
63 2.9 33.7 50.5#
89 2.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.53 ng
RT: 14.722 min Scan# 1937
Delta R.T. -0.360 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion:165 Resp: 20113
Ion Ratio Lower Upper
165 100
63 2.9 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#

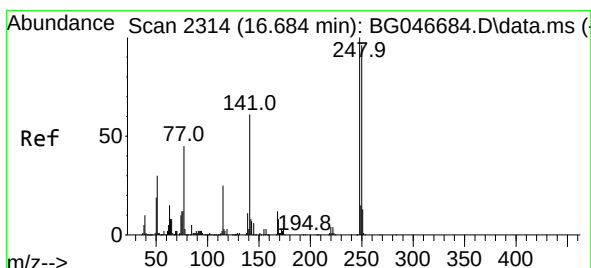
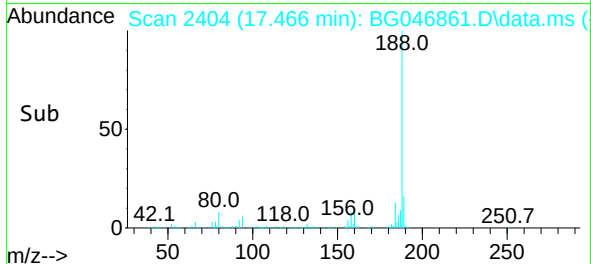
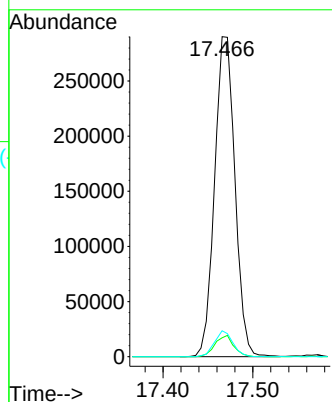
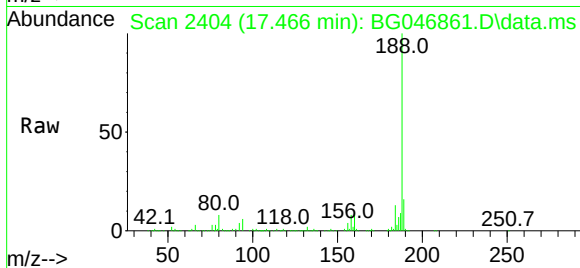




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.466 min Scan# 2404
Delta R.T. -0.013 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

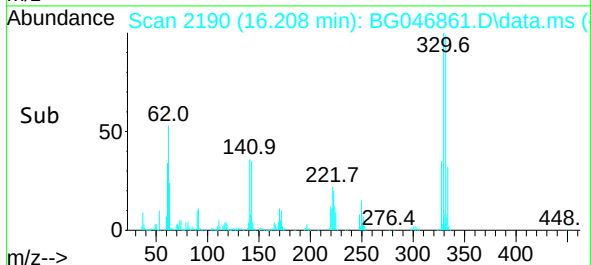
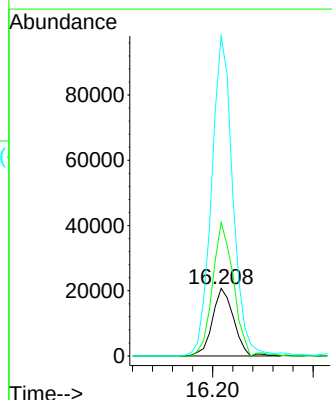
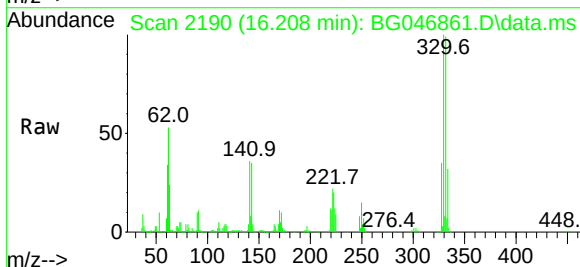
Instrument :
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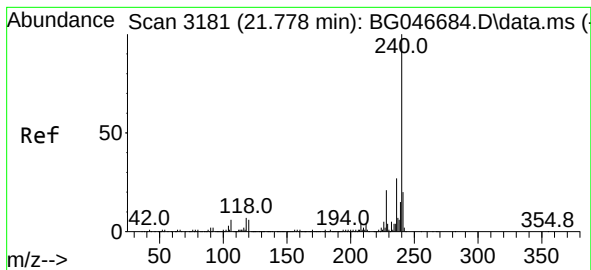
Tgt Ion:188 Resp: 456602
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 8.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.454 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion:248 Resp: 30414
Ion Ratio Lower Upper
248 100
250 191.6 78.9 118.3#
141 365.6 46.2 69.4#

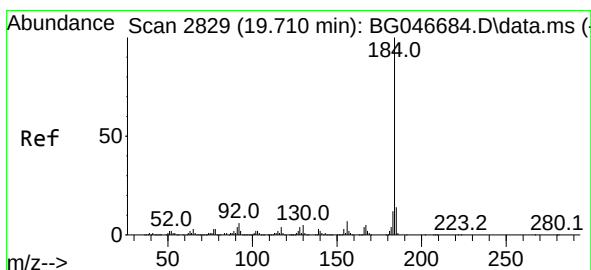
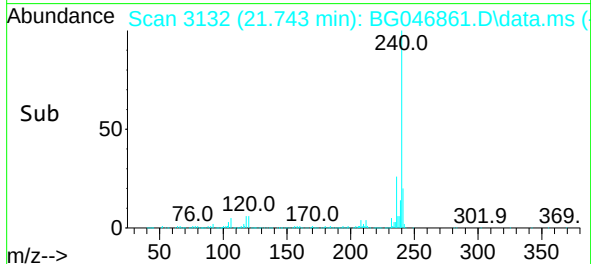
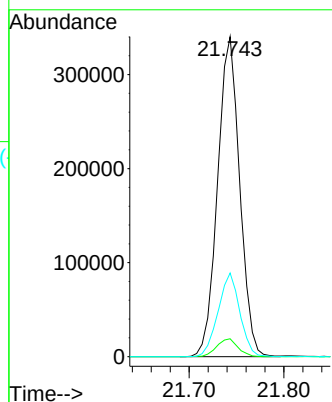
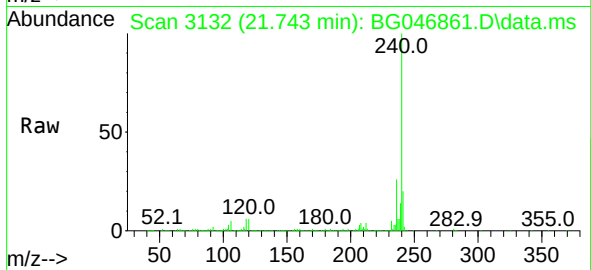




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.743 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

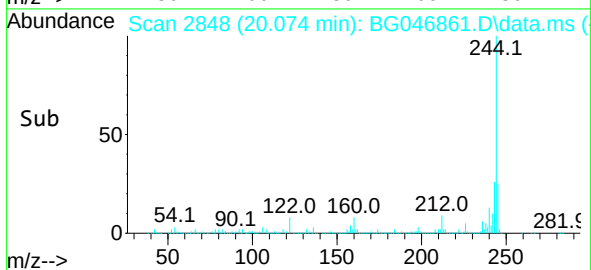
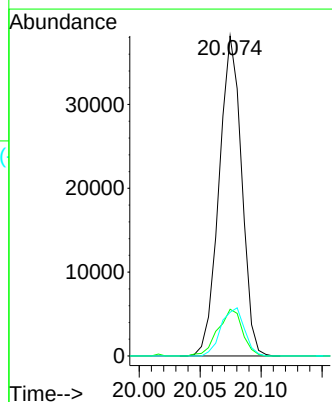
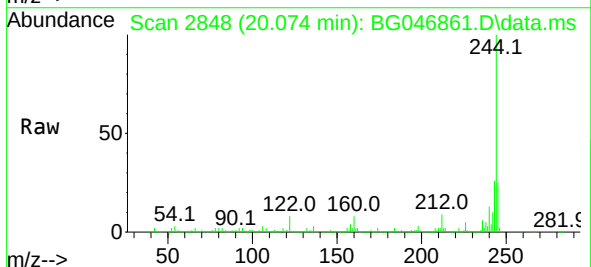
Instrument :
BNA_G
ClientSampleId :
PB132258TB

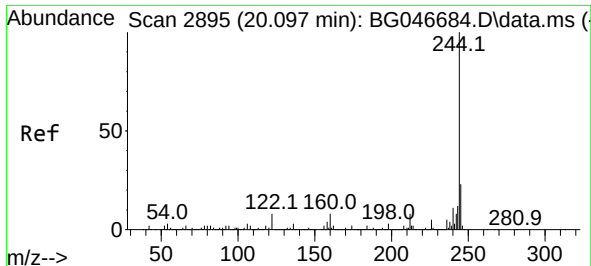
Tgt Ion:240 Resp: 551070
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 26.2 20.5 30.7



#77
Benzidine
Concen: 2.89 ng
RT: 20.074 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG046861.D
Acq: 13 Oct 2020 3:48

Tgt Ion:184 Resp: 49144
Ion Ratio Lower Upper
184 100
185 14.6 12.4 18.6
183 13.7 10.6 15.8

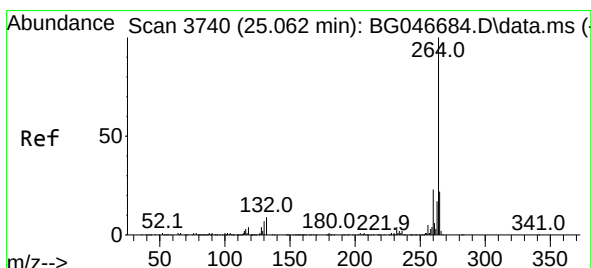
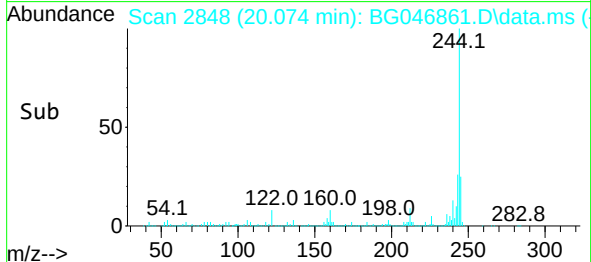
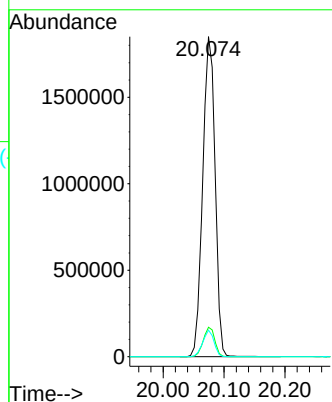
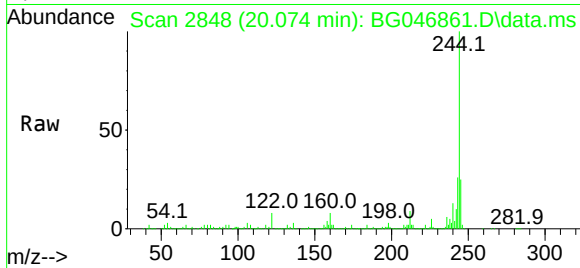




#79
 Terphenyl-d14
 Concen: 95.00 ng
 RT: 20.074 min Scan# 2848
 Delta R.T. -0.008 min
 Lab File: BG046861.D
 Acq: 13 Oct 2020 3:48

Instrument :
 BNA_G
 ClientSampleId :
 PB132258TB

Tgt Ion:244 Resp: 2612189
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.7 10.1
 122 8.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.010 min Scan# 3688
 Delta R.T. -0.019 min
 Lab File: BG046861.D
 Acq: 13 Oct 2020 3:48

Tgt Ion:264 Resp: 536257
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 22.3 17.8 26.8

