

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046853.D
 Acq On : 12 Oct 2020 19:04
 Operator : CG/JU
 Sample : L4292-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B13-100620-DP

Quant Time: Oct 13 02:41:13 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)

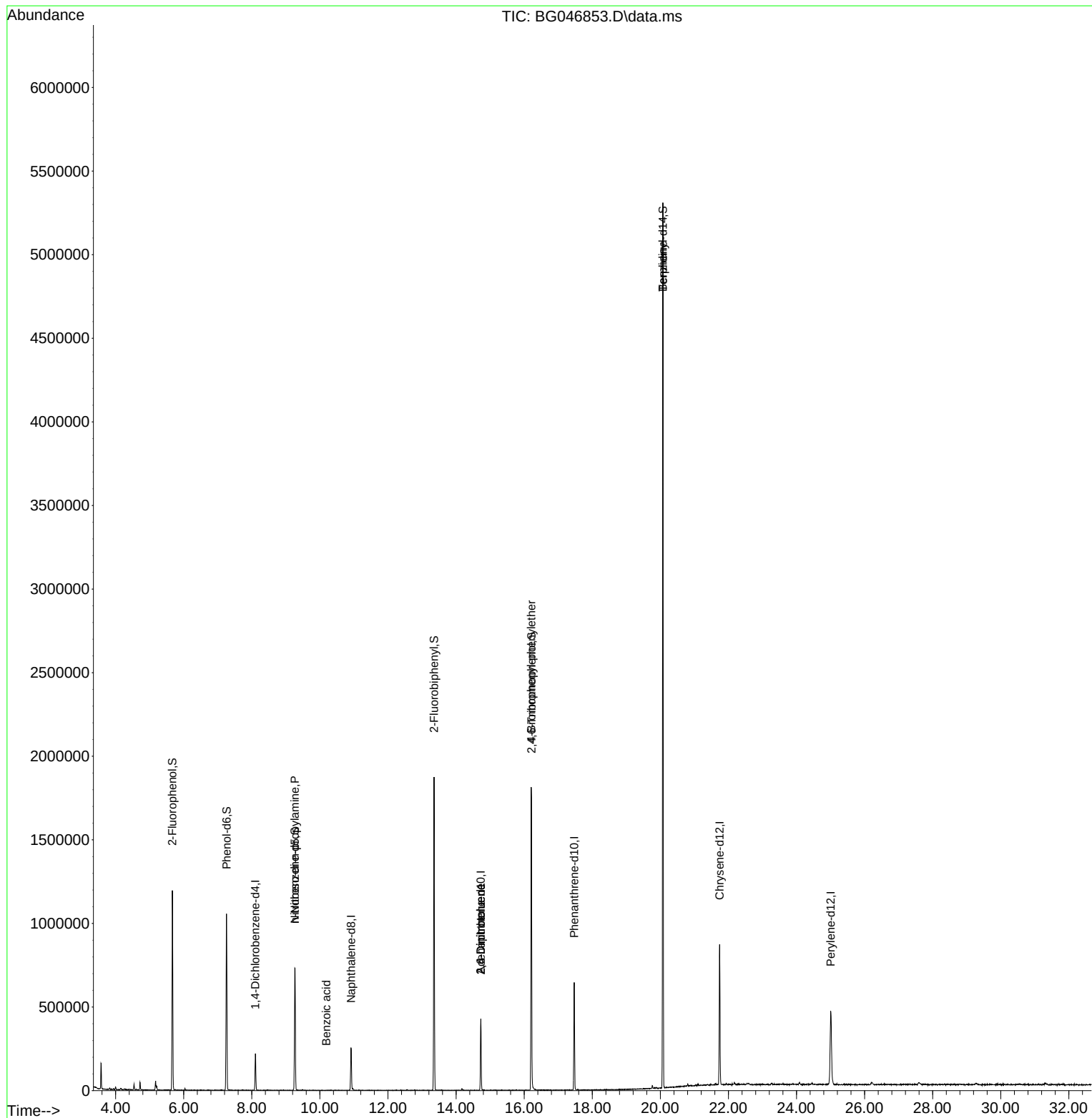
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	56125	20.00	ng	# 0.00
21) Naphthalene-d8	10.914	136	211341	20.00	ng	# 0.00
39) Acenaphthene-d10	14.727	164	148736	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	415318	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	525599	20.00	ng	#-0.01
86) Perylene-d12	25.003	264	498691	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	478269	136.52	ng	0.00
7) Phenol-d6	7.259	99	583504	118.08	ng	0.00
23) Nitrobenzene-d5	9.263	82	444732	111.95	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	364845	186.03	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	954083	90.81	ng	0.00
79) Terphenyl-d14	20.074	244	2215134	84.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.253	77	1167	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.263	70	64675	19.09	ng	# 74
32) Benzoic acid	10.191	122	87	6.38	ng	# 1
51) 2,6-Dinitrotoluene	14.727	165	19777	10.24	ng	# 35
57) 2,4-Dinitrotoluene	14.727	165	19777	7.74	ng	# 33
67) 4-Bromophenyl-phenylether	16.208	248	24914	4.75	ng	# 1
77) Benzidine	20.074	184	39643	2.45	ng	96

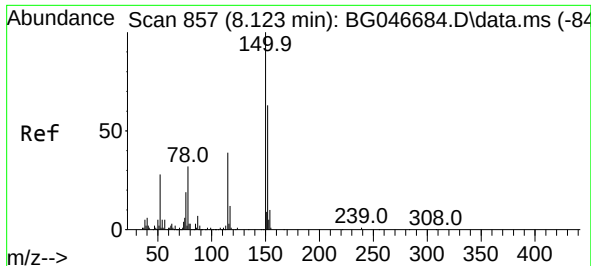
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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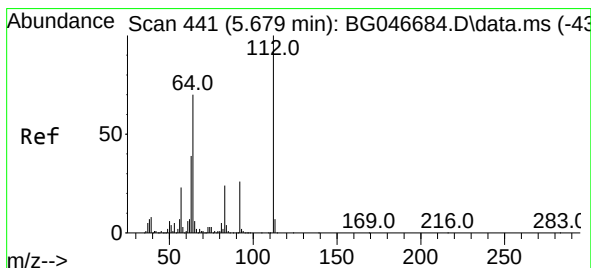
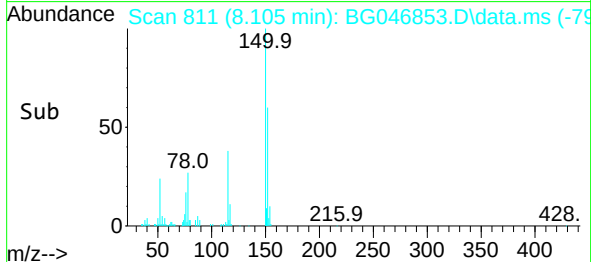
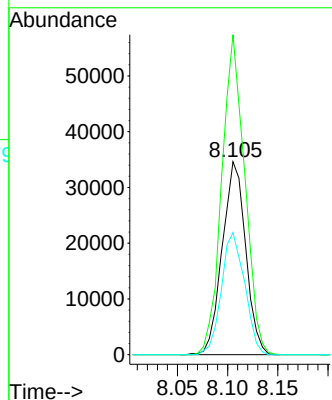
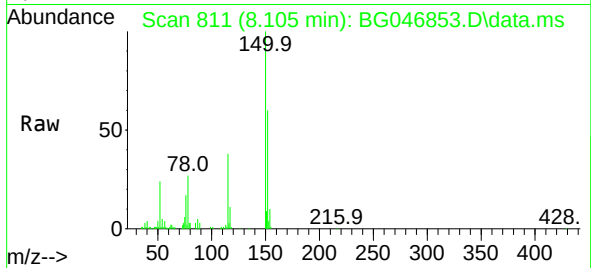




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

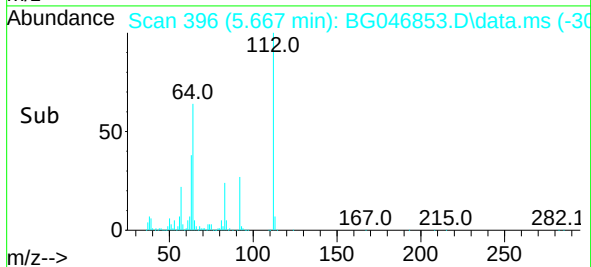
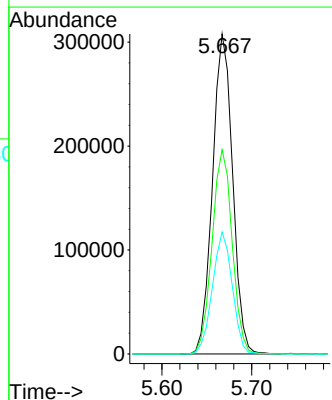
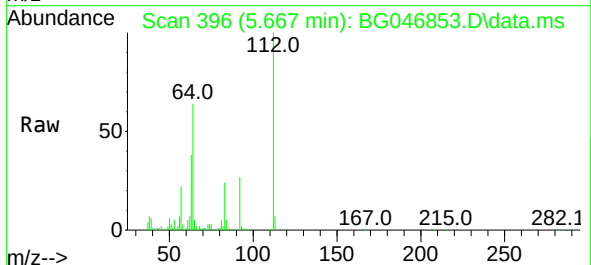
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-DP

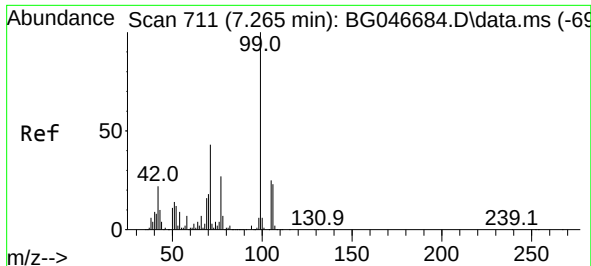
Tgt Ion:152 Resp: 56125
Ion Ratio Lower Upper
152 100
150 165.8 125.0 187.6
115 63.3 41.8 62.6#



#5
2-Fluorophenol
Concen: 136.52 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion:112 Resp: 478269
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 38.1 22.8 34.2#

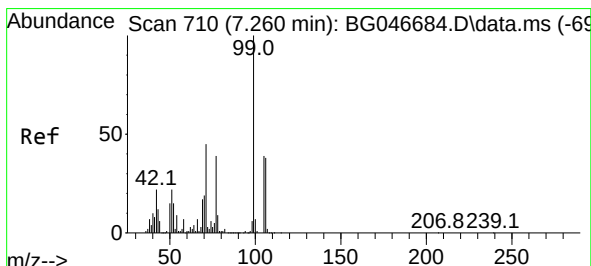
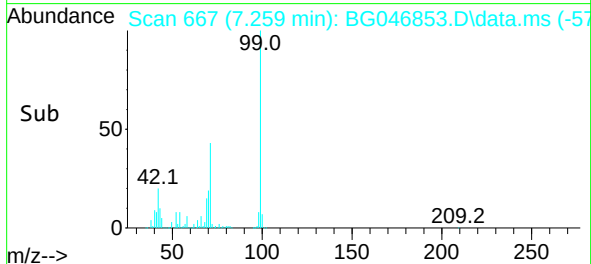
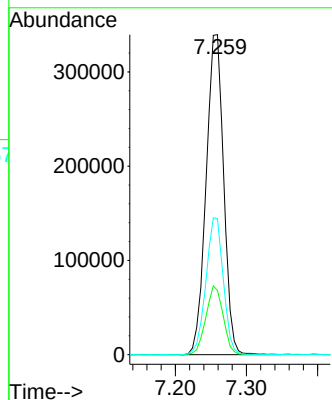
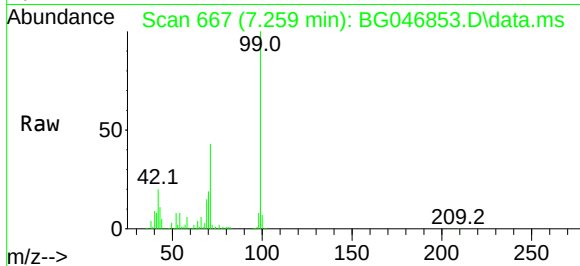




#7
Phenol-d6
Concen: 118.08 ng
RT: 7.259 min Scan# 667
Delta R.T. 0.003 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

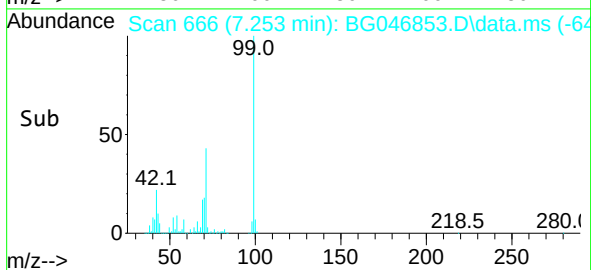
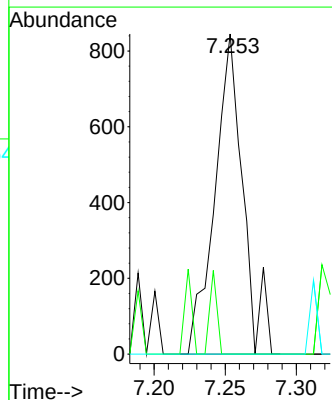
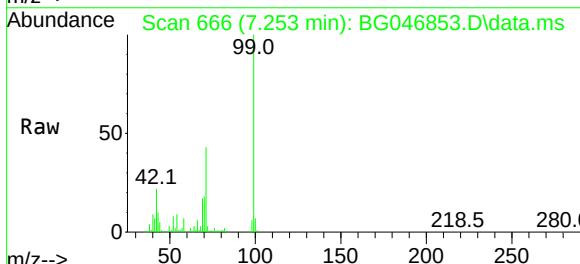
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-DP

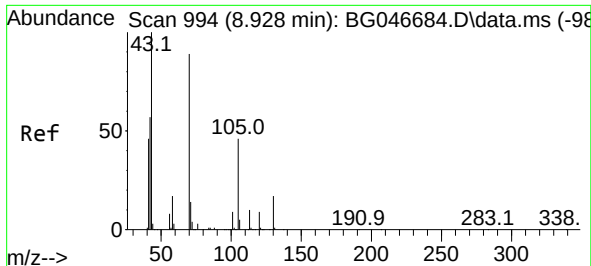
Tgt Ion: 99 Resp: 583504
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 42.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.253 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

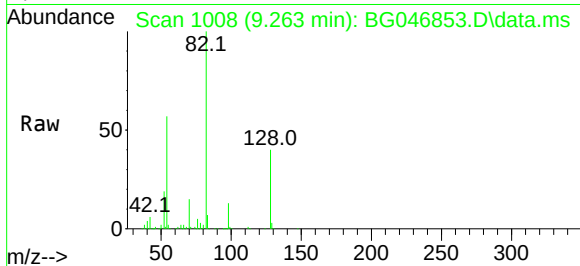
Tgt Ion: 77 Resp: 1167
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



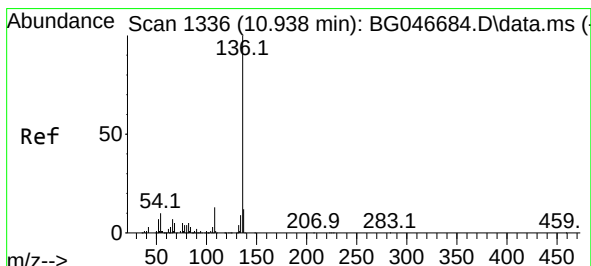
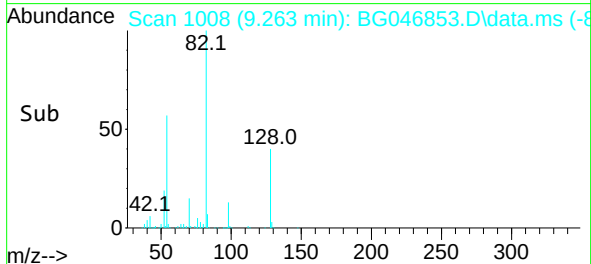
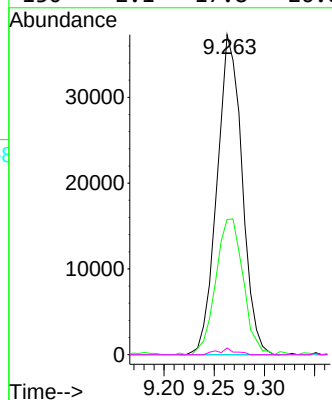


#19
n-Nitroso-di-n-propylamine
Concen: 19.09 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.350 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-DP

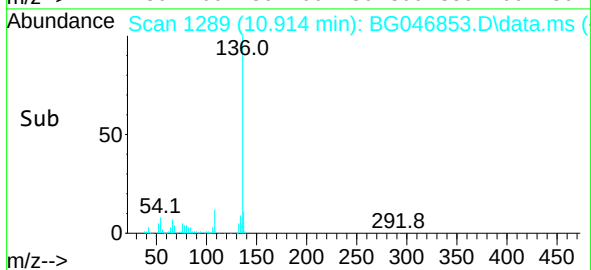
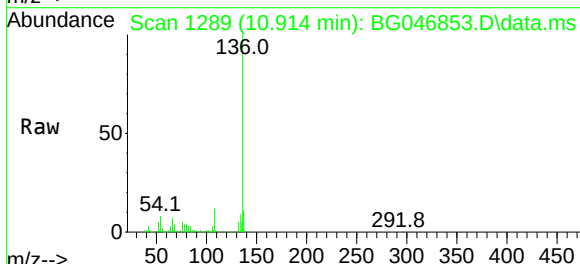
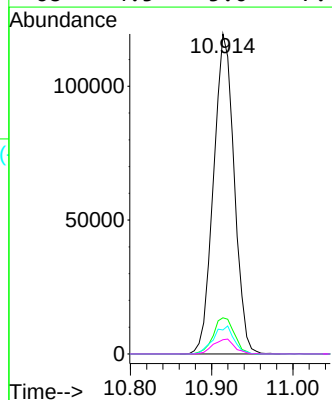


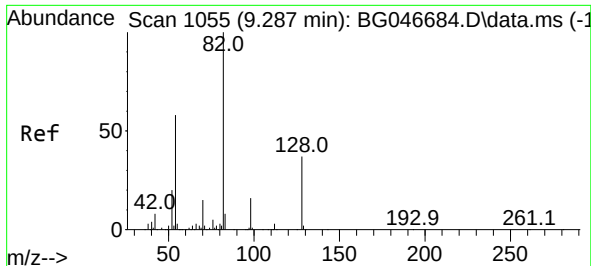
Tgt Ion: 70 Resp: 64675
Ion Ratio Lower Upper
70 100
42 42.3 45.6 68.4#
101 0.0 8.4 12.6#
130 2.1 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion: 136 Resp: 211341
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.5 6.2 9.4
68 4.5 5.0 7.4#

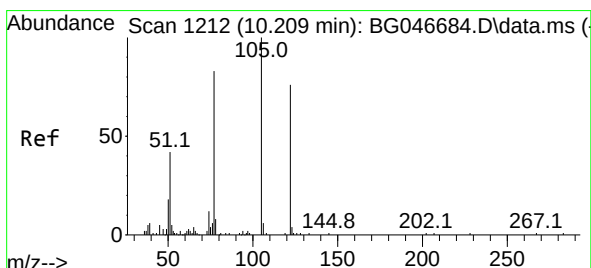
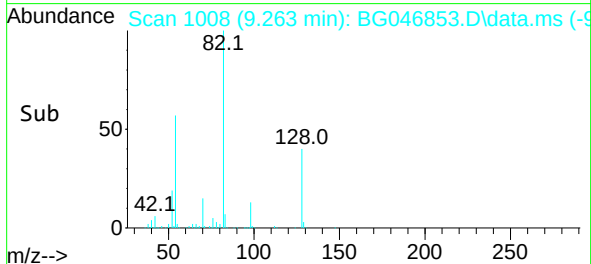
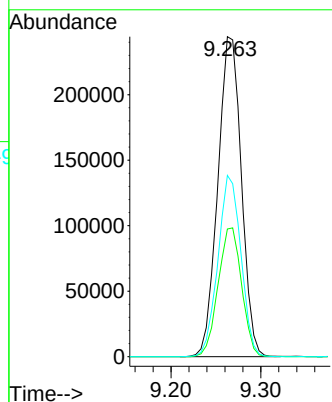
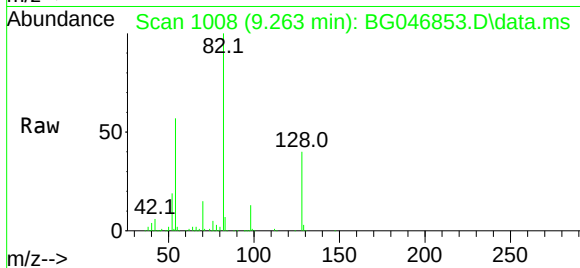




#23
Nitrobenzene-d5
Concen: 111.95 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

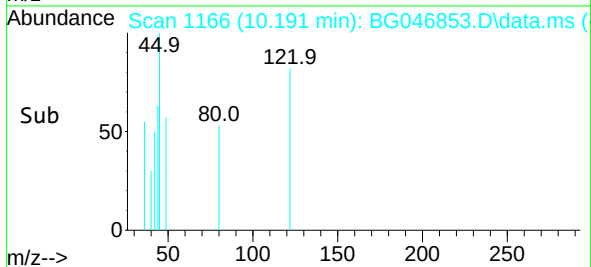
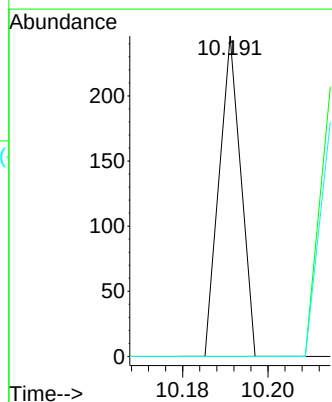
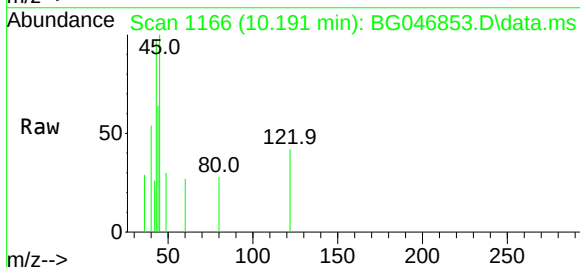
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-DP

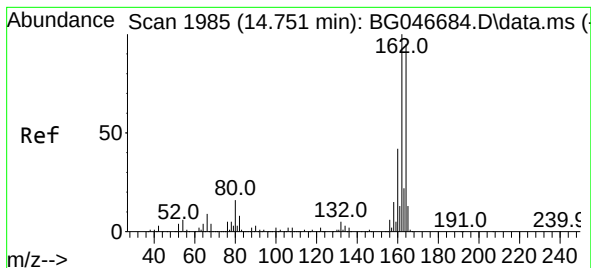
Tgt Ion: 82 Resp: 444732
Ion Ratio Lower Upper
82 100
128 39.9 37.0 55.6
54 56.7 39.0 58.4



#32
Benzoic acid
Concen: 6.38 ng
RT: 10.191 min Scan# 1166
Delta R.T. -0.003 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion:122 Resp: 87
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

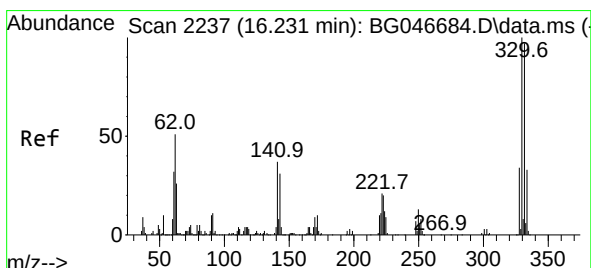
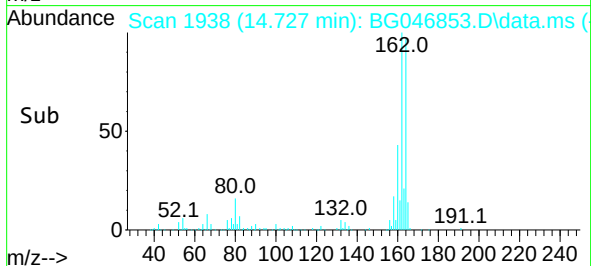
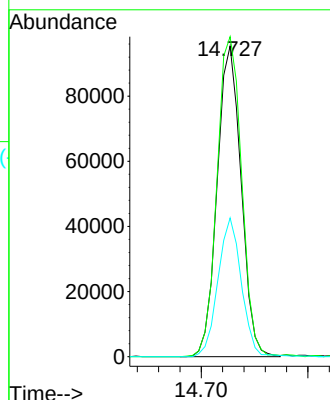
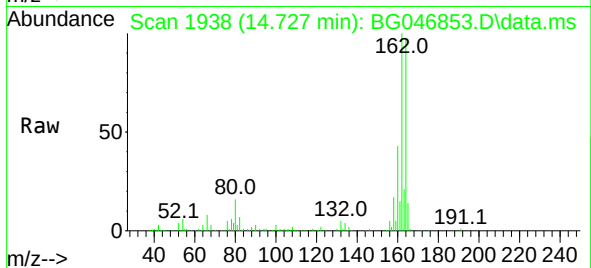




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

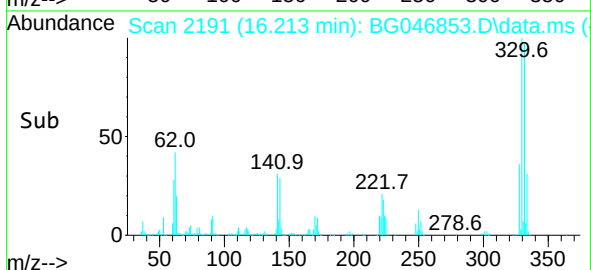
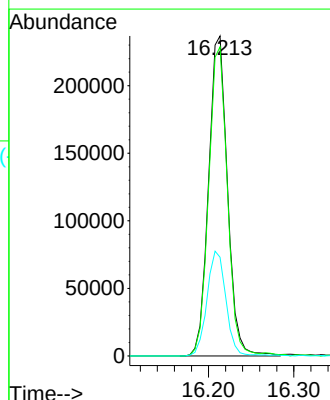
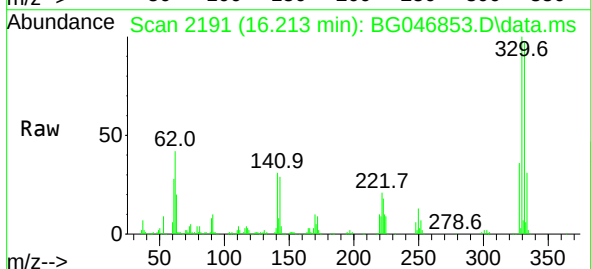
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ClientSampleId :
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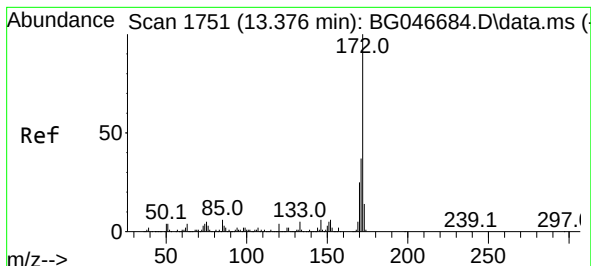
Tgt Ion:164 Resp: 148736
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 44.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 186.03 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion:330 Resp: 364845
Ion Ratio Lower Upper
330 100
332 95.1 76.5 114.7
141 32.9 26.0 39.0

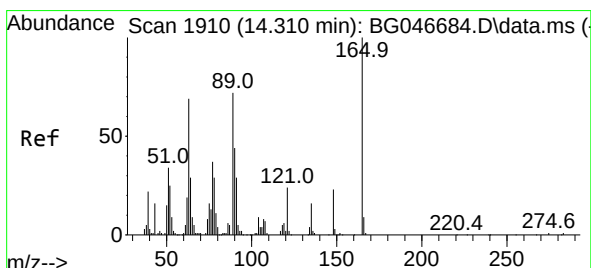
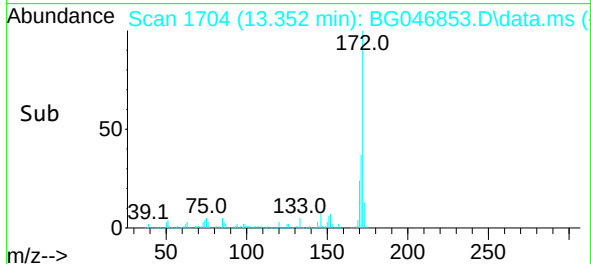
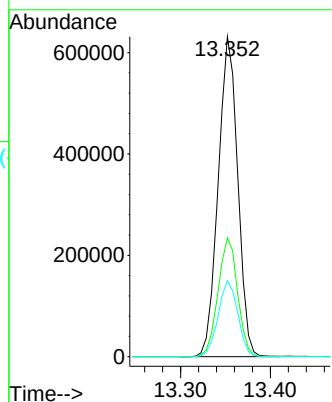
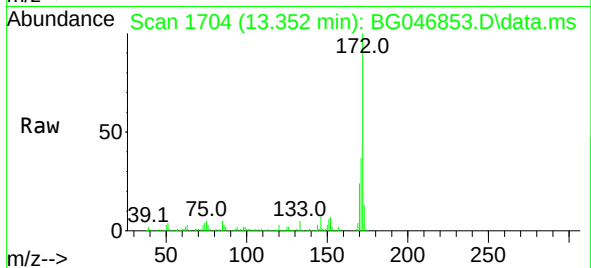




#45
2-Fluorobiphenyl
Concen: 90.81 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

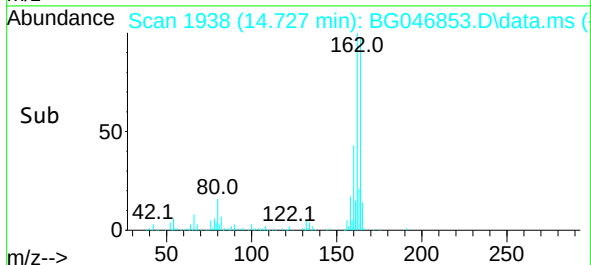
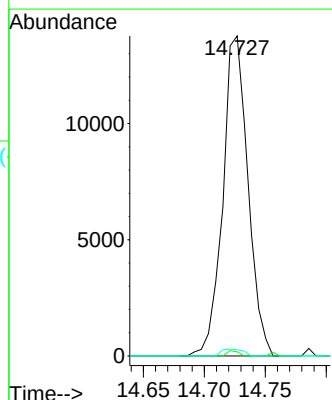
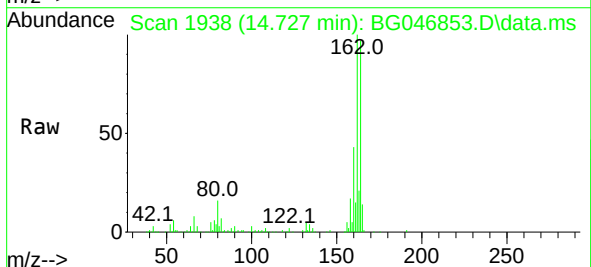
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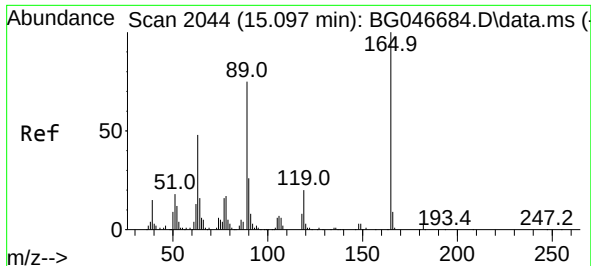
Tgt Ion:172 Resp: 954083
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 23.8 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.24 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.426 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion:165 Resp: 19777
Ion Ratio Lower Upper
165 100
63 1.3 33.7 50.5#
89 1.9 36.6 54.8#

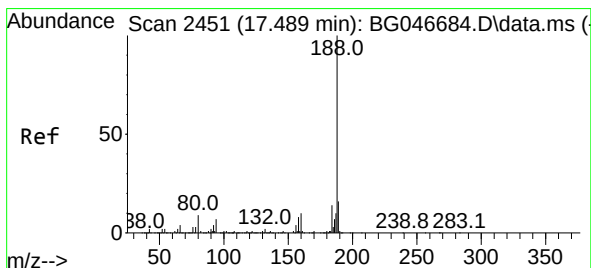
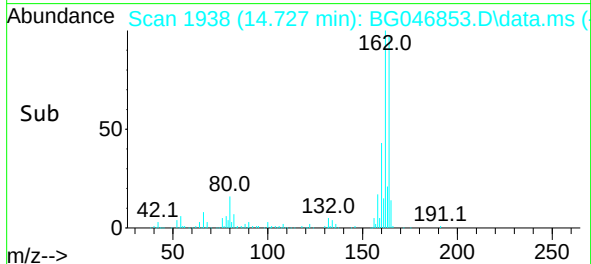
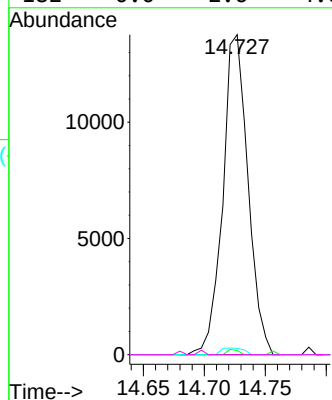
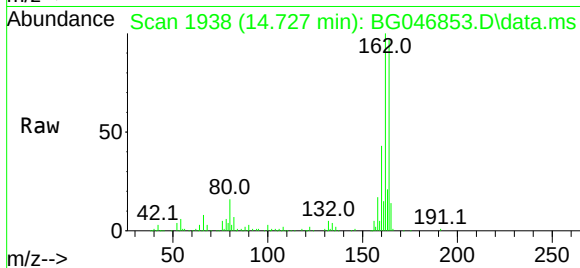




#57
2,4-Dinitrotoluene
Concen: 7.74 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

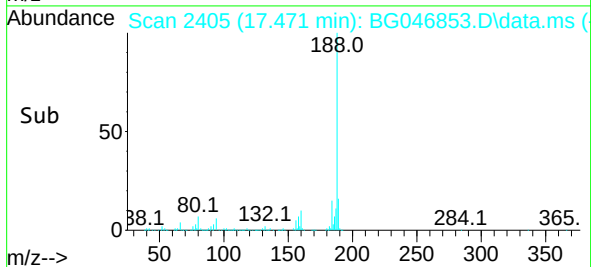
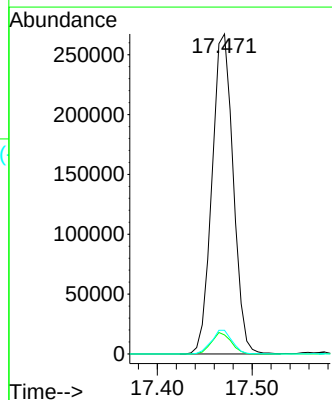
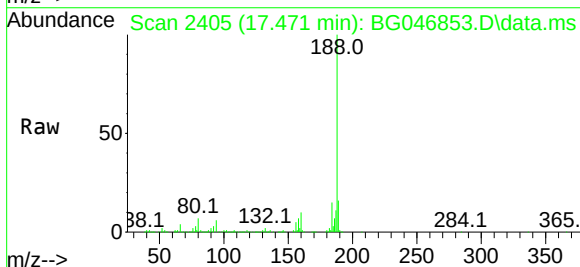
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-DP

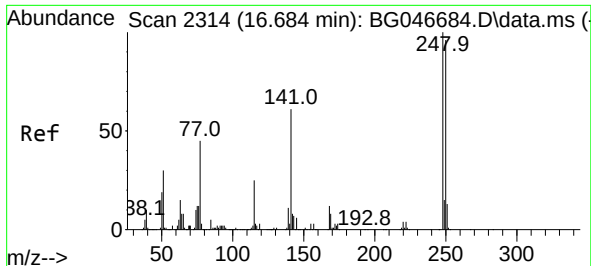
Tgt Ion:165 Resp: 19777
Ion Ratio Lower Upper
165 100
63 1.3 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion:188 Resp: 415318
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.4 7.0 10.6

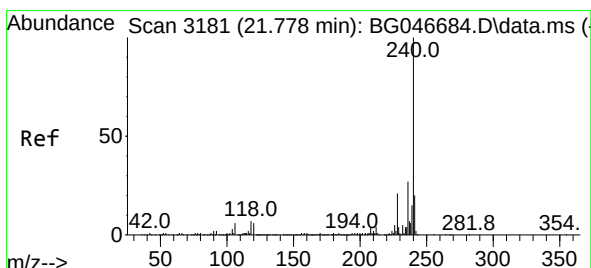
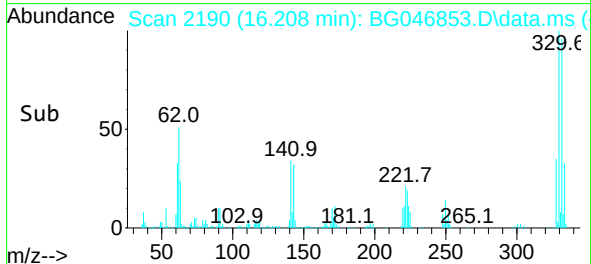
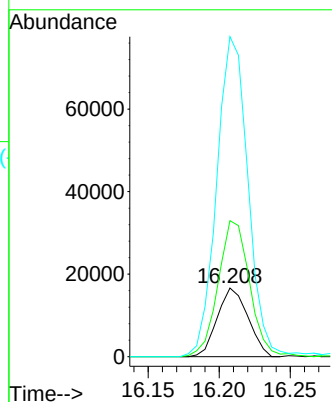
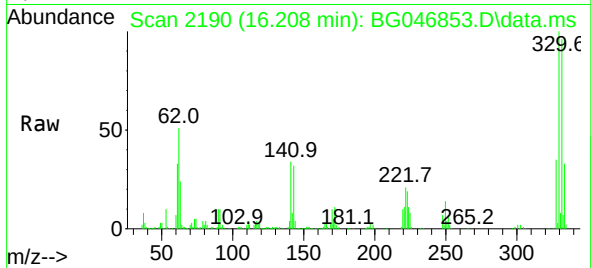




#67
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.455 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

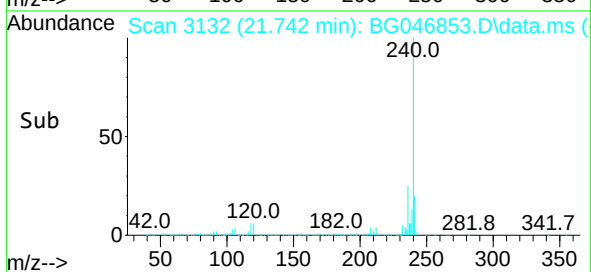
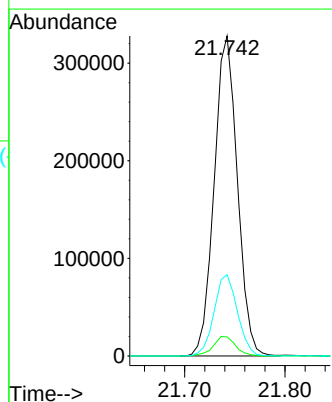
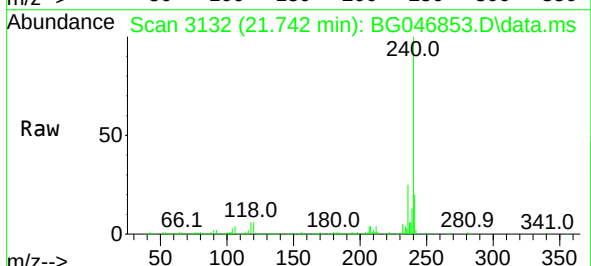
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BNA_G
ClientSampleId :
PAV-B13-100620-DP

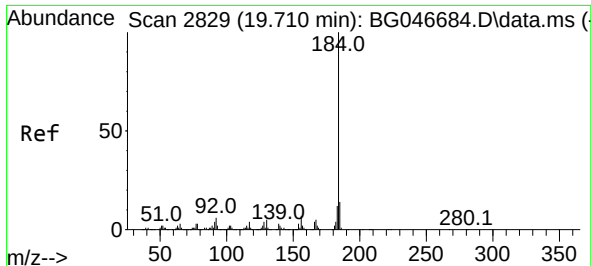
Tgt Ion:248 Resp: 24914
Ion Ratio Lower Upper
248 100
250 187.8 78.9 118.3#
141 352.4 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion:240 Resp: 525599
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 25.4 20.5 30.7

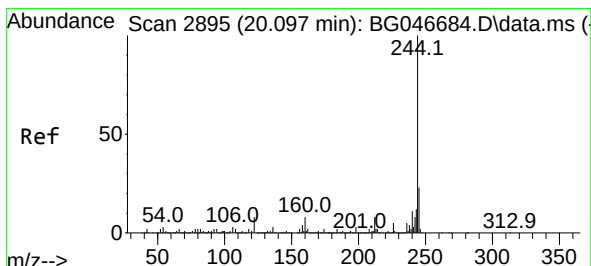
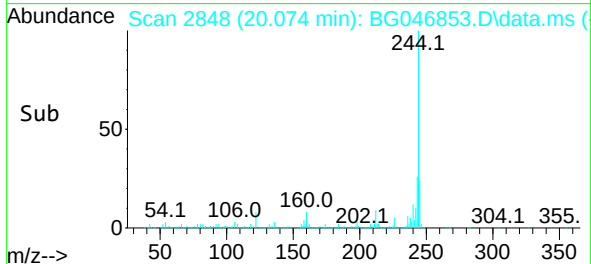
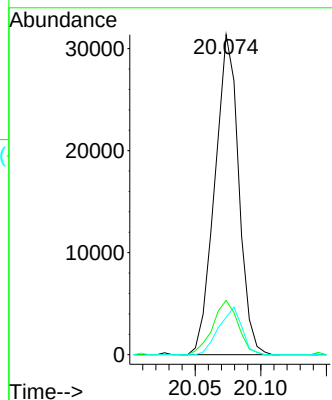
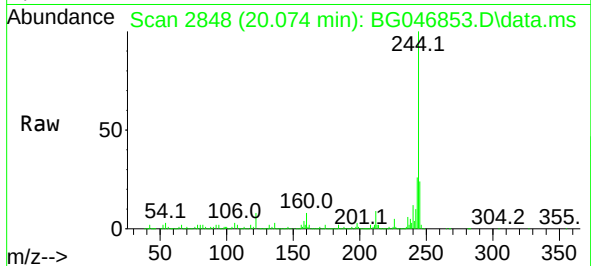




#77
Benzidine
Concen: 2.45 ng
RT: 20.074 min Scan# 2848
Delta R.T. 0.373 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

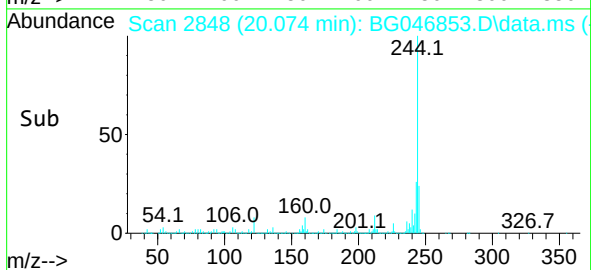
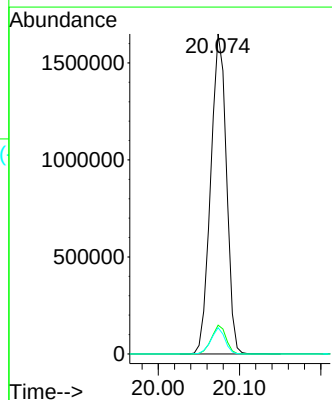
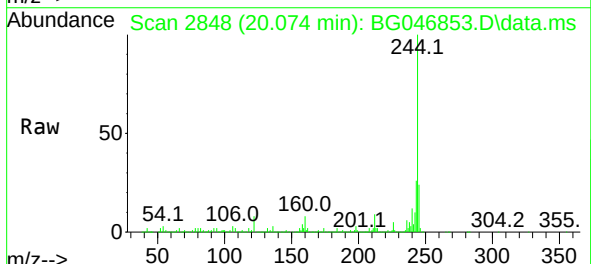
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-DP

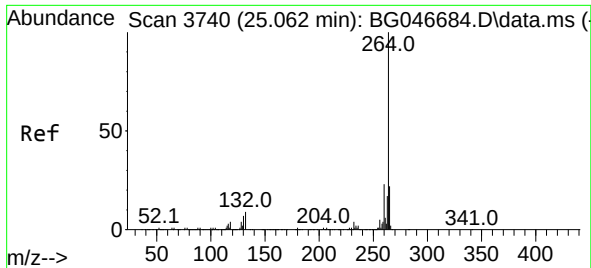
Tgt Ion:184 Resp: 39643
Ion Ratio Lower Upper
184 100
185 17.0 12.4 18.6
183 11.6 10.6 15.8



#79
Terphenyl-d14
Concen: 84.47 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Tgt Ion:244 Resp: 2215134
Ion Ratio Lower Upper
244 100
212 9.0 6.7 10.1
122 8.2 7.8 11.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.003 min Scan# 3687
Delta R.T. -0.026 min
Lab File: BG046853.D
Acq: 12 Oct 2020 19:04

Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-DP

Tgt Ion:264 Resp: 498691

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.3	17.8	26.8

