

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046865.D
 Acq On : 13 Oct 2020 6:30
 Operator : CG/JU
 Sample : L4311-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B10-100720-0-10

Quant Time: Oct 13 08:15:47 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)

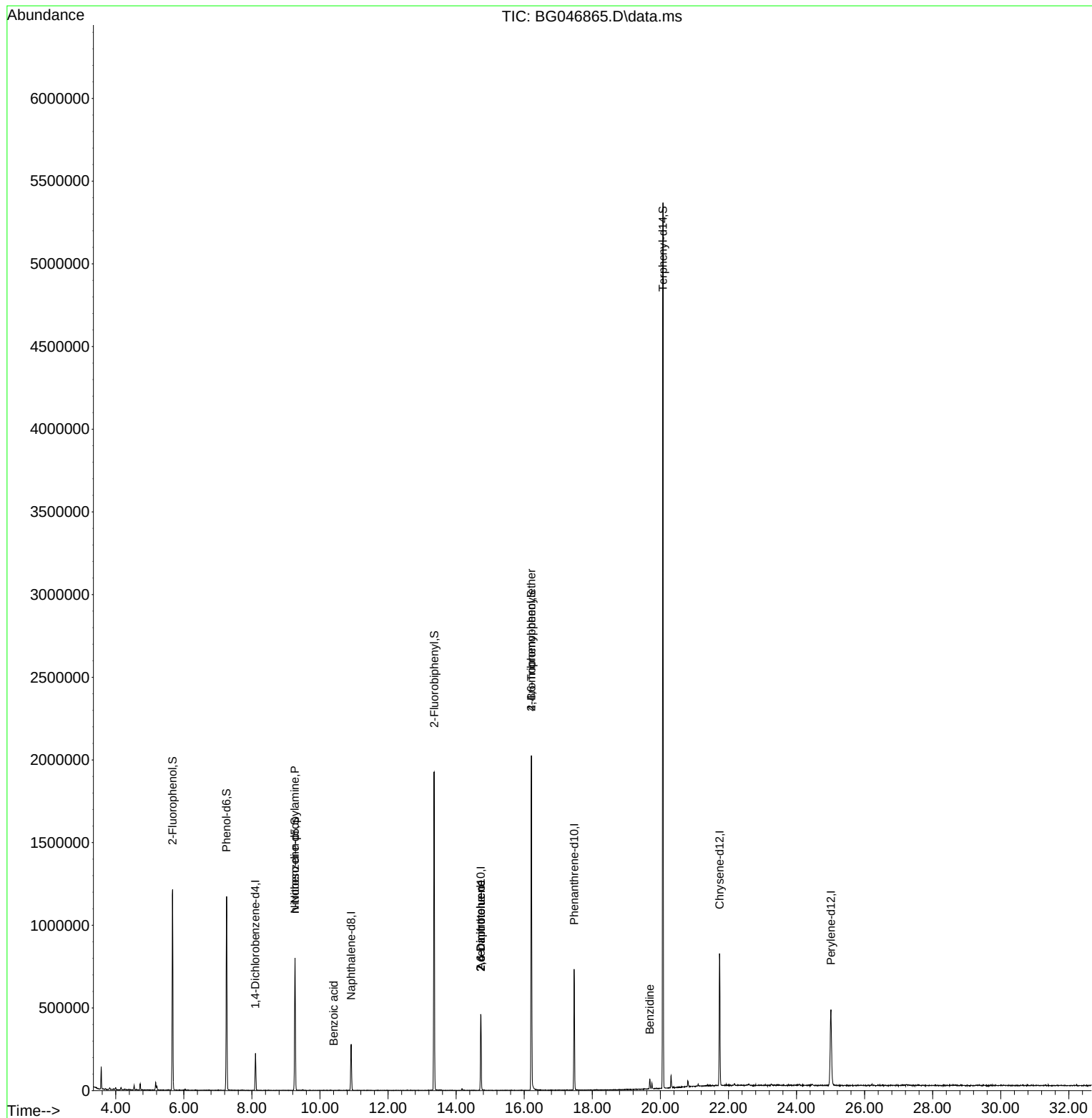
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	61076	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	232380	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	165597	20.00	ng	-0.01
64) Phenanthrene-d10	17.467	188	463163	20.00	ng	#-0.01
76) Chrysene-d12	21.739	240	514360	20.00	ng	#-0.02
86) Perylene-d12	25.012	264	503728	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	493131	129.35	ng	0.00
7) Phenol-d6	7.256	99	629279	117.02	ng	0.00
23) Nitrobenzene-d5	9.265	82	464586	106.36	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	409036	187.33	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	1044433	89.29	ng	0.00
79) Terphenyl-d14	20.076	244	2202152	85.81	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	1328	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.265	70	68481	18.57	ng	# 75
32) Benzoic acid	10.405	122	74	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.729	165	22213	10.33	ng	# 35
57) 2,4-Dinitrotoluene	14.729	165	22213	7.80	ng	# 33
67) 4-Bromophenyl-phenylether	16.210	248	28790	4.92	ng	# 1
77) Benzidine	19.688	184	41217	2.60	ng	98

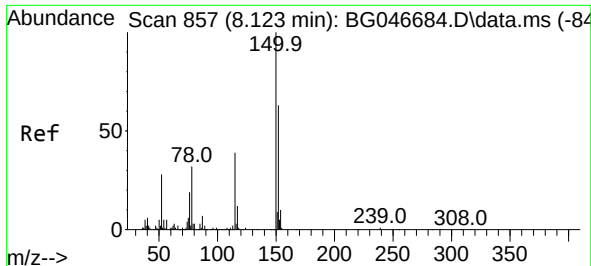
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
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PAV-B10-100720-0-10

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QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

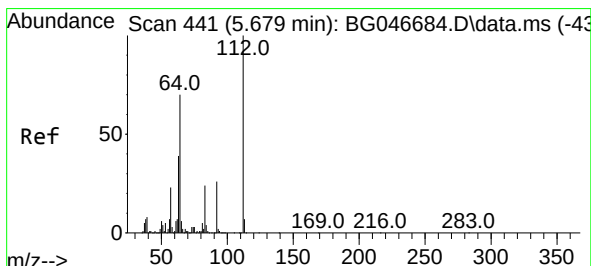
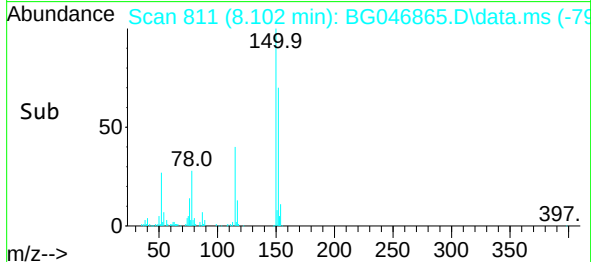
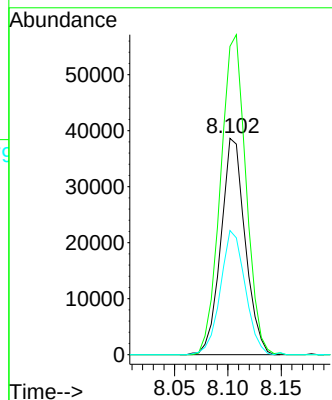
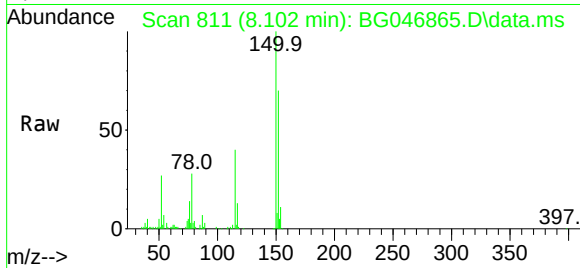




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

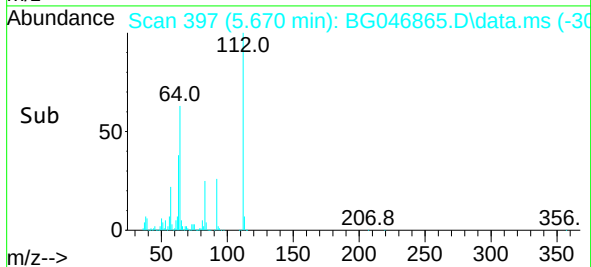
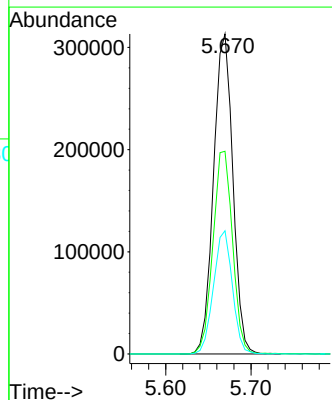
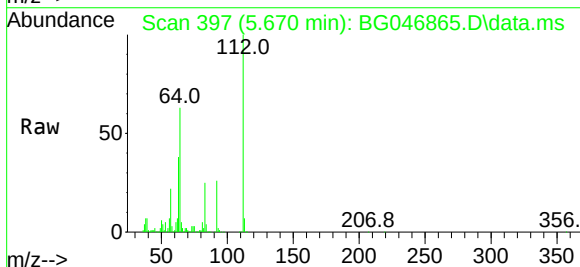
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

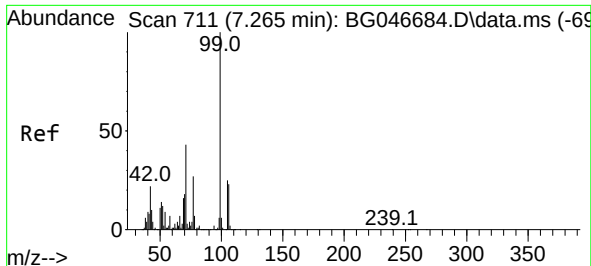
Tgt Ion:152 Resp: 61076
Ion Ratio Lower Upper
152 100
150 142.5 125.0 187.6
115 57.4 41.8 62.6



#5
2-Fluorophenol
Concen: 129.35 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:112 Resp: 493131
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 38.5 22.8 34.2#

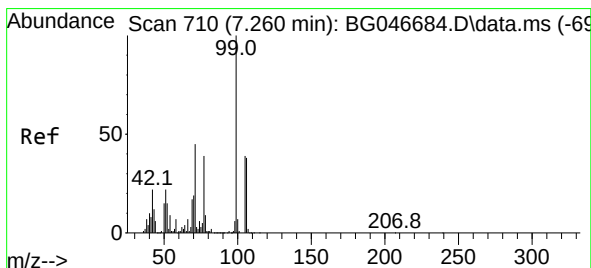
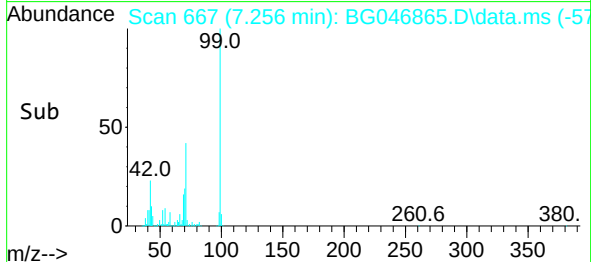
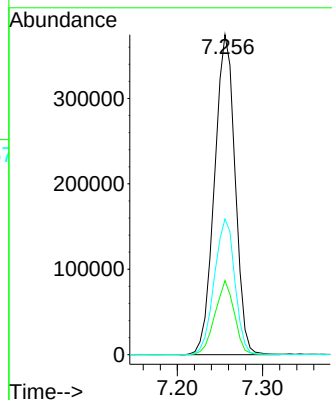
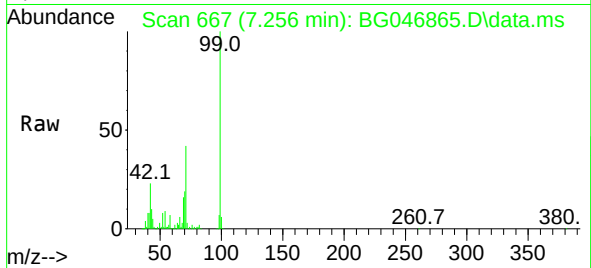




#7
Phenol-d6
Concen: 117.02 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

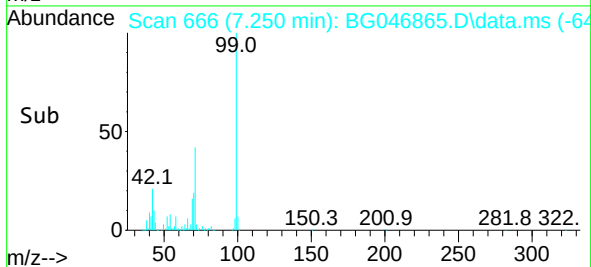
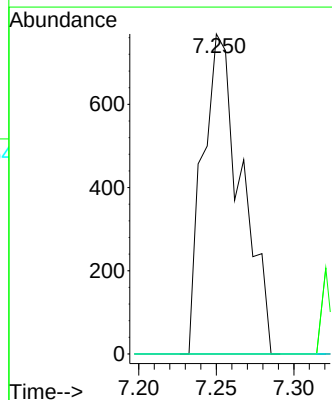
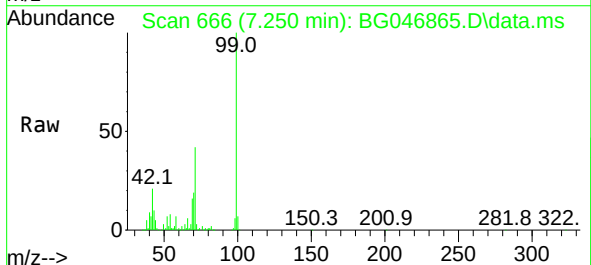
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

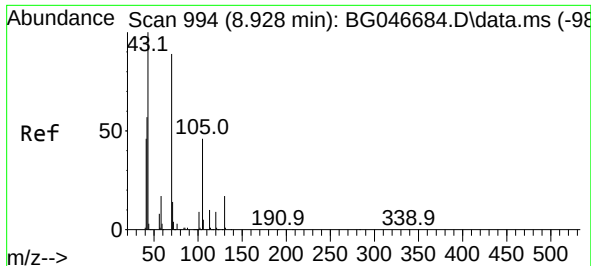
Tgt Ion: 99 Resp: 629279
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 42.4 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion: 77 Resp: 1328
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

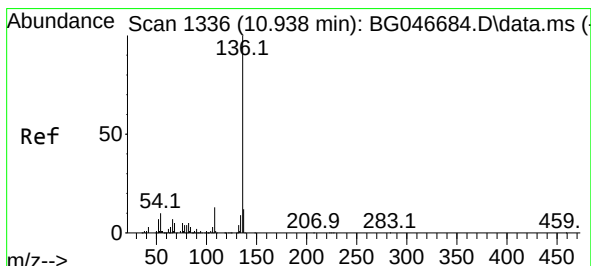
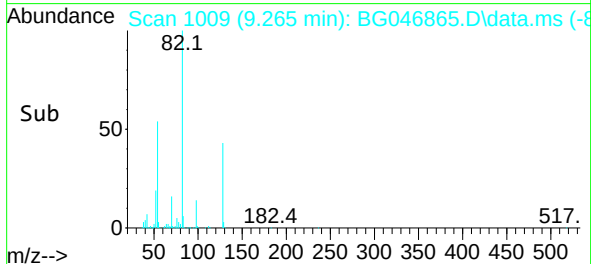
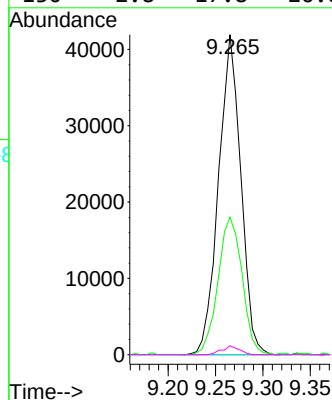
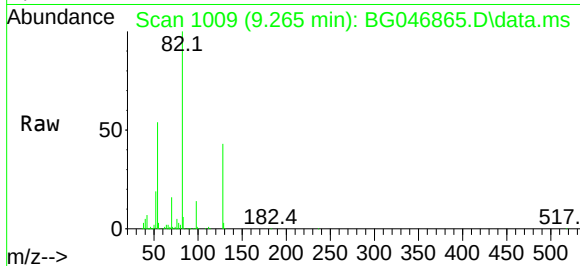




#19
n-Nitroso-di-n-propylamine
Concen: 18.57 ng
RT: 9.265 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

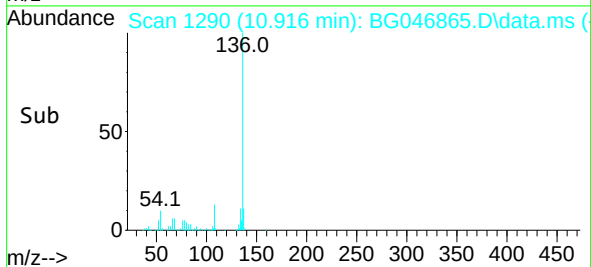
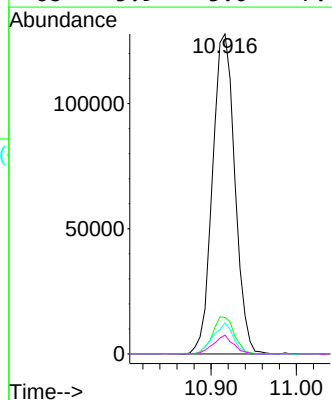
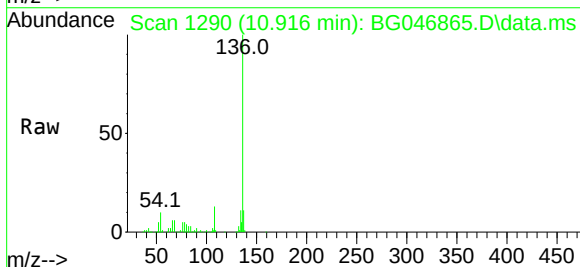
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

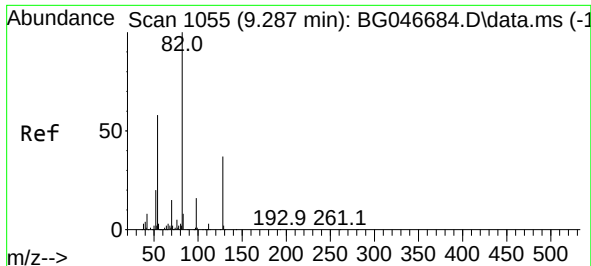
Tgt Ion: 70	Resp: 68481
Ion Ratio	Lower Upper
70 100	
42 43.0	45.6 68.4#
101 0.0	8.4 12.6#
130 2.8	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion: 136	Resp: 232380
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 9.7	6.2 9.4#
68 5.9	5.0 7.4

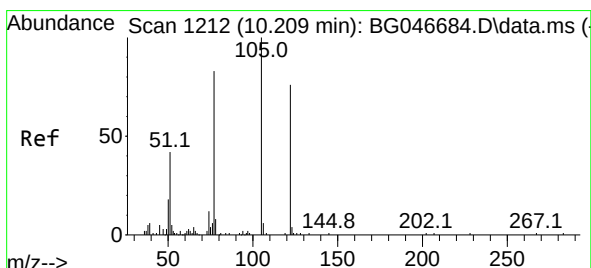
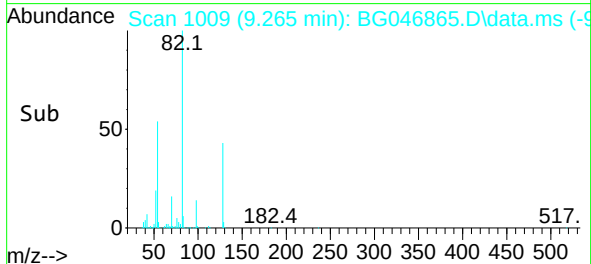
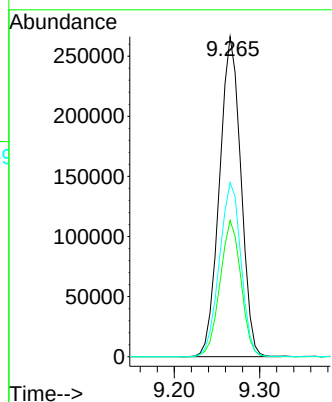
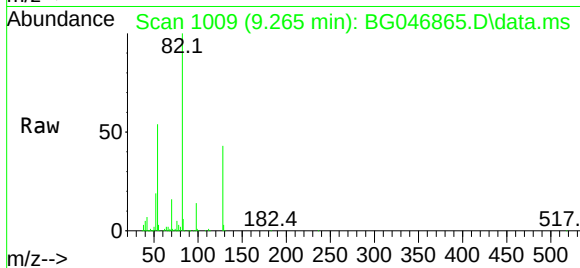




#23
Nitrobenzene-d5
Concen: 106.36 ng
RT: 9.265 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

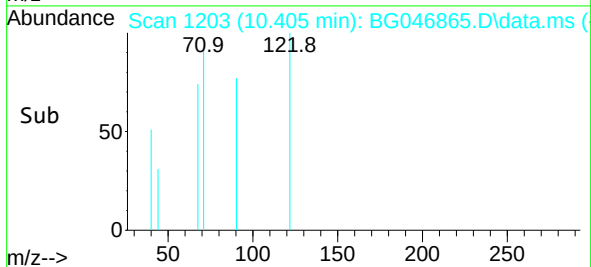
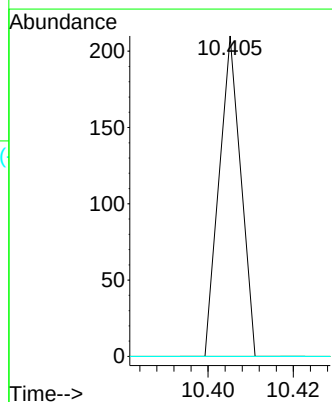
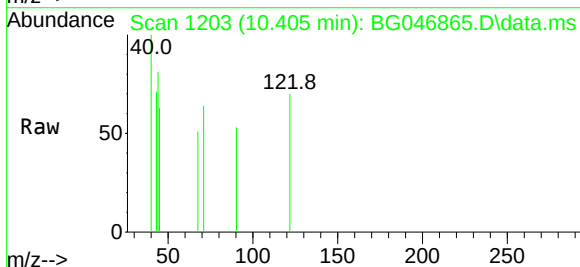
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

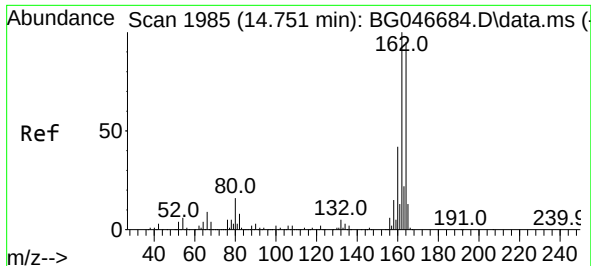
Tgt Ion: 82 Resp: 464586
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.6
54 54.4 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.405 min Scan# 1203
Delta R.T. 0.212 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

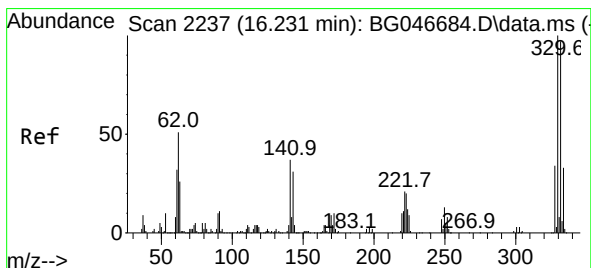
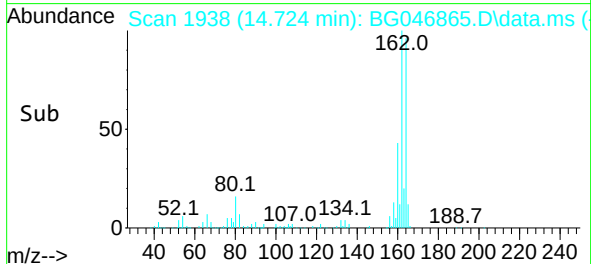
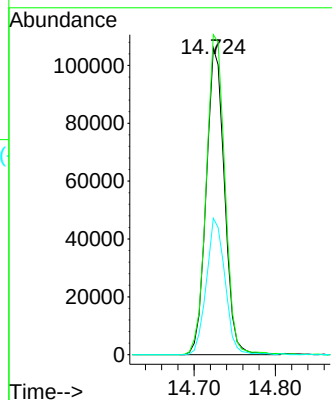
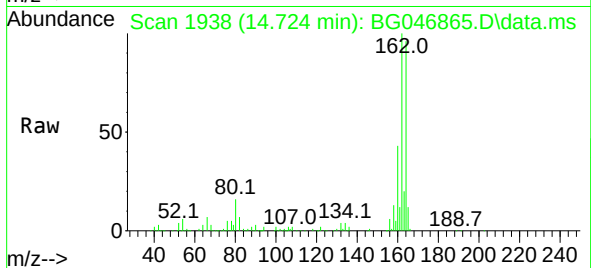




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

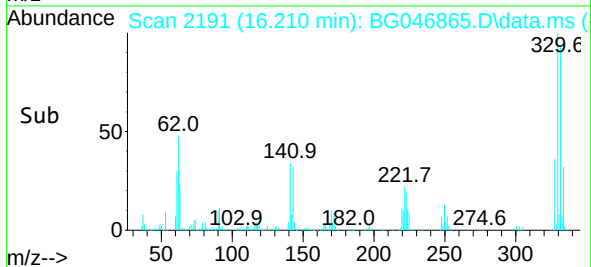
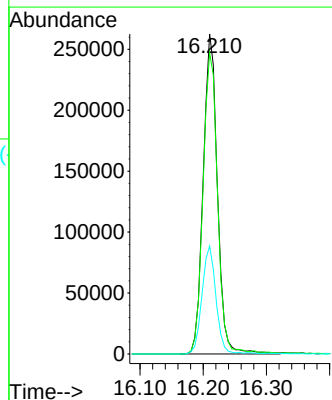
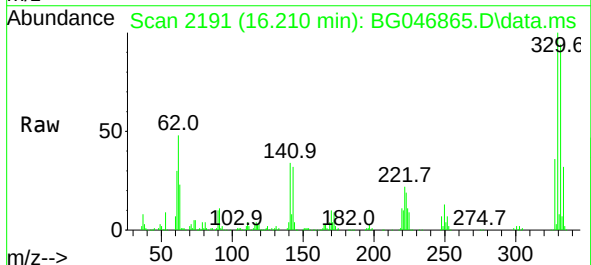
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ClientSampleId :
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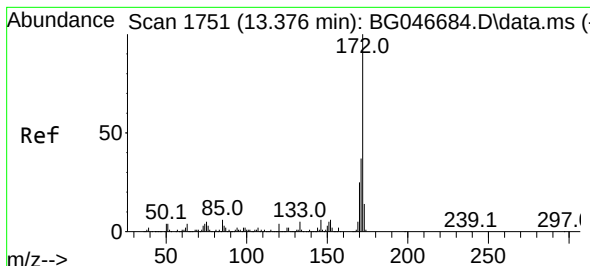
Tgt Ion:164 Resp: 165597
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 44.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 187.33 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:330 Resp: 409036
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 33.3 26.0 39.0

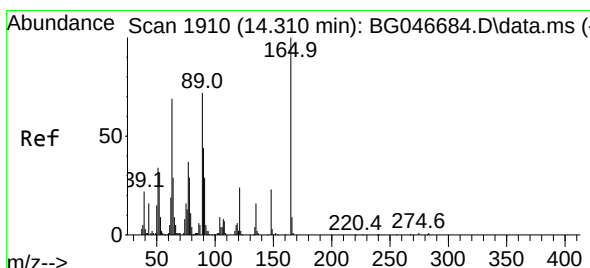
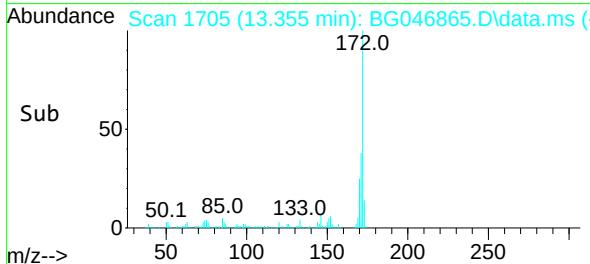
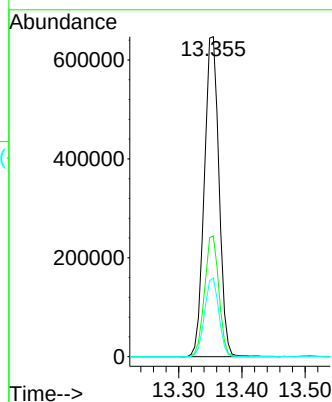
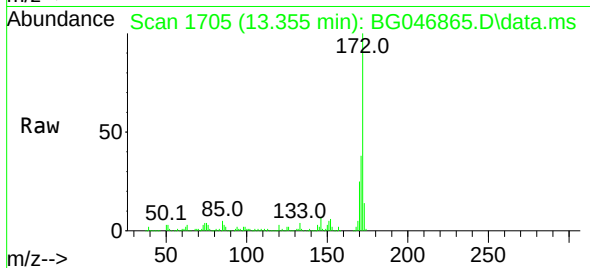




#45
2-Fluorobiphenyl
Concen: 89.29 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

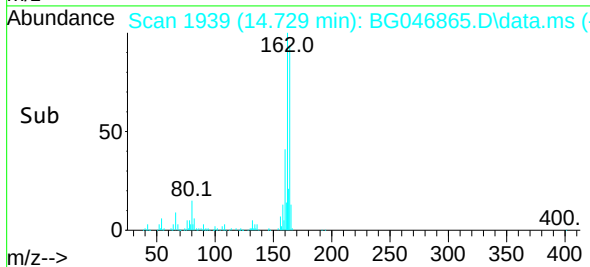
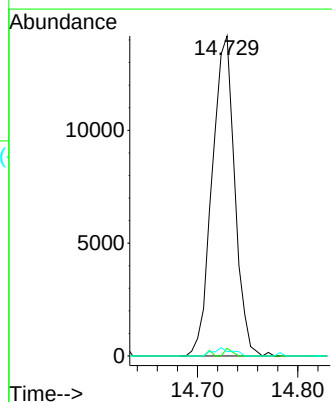
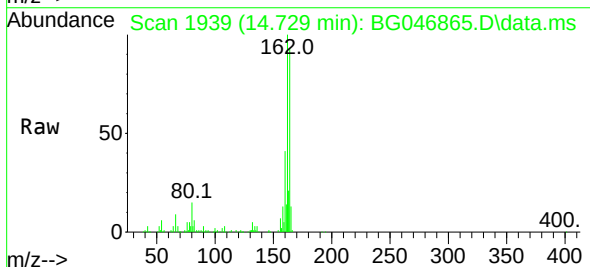
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PAV-B10-100720-0-10

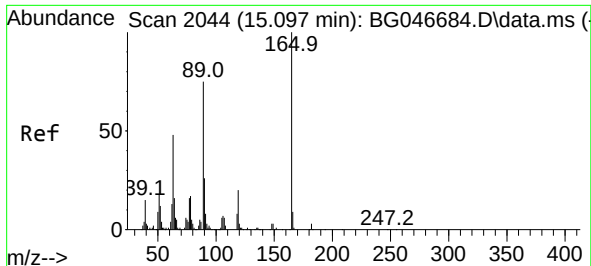
Tgt Ion:172 Resp: 1044433
Ion Ratio Lower Upper
172 100
171 37.7 31.3 46.9
170 24.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.33 ng
RT: 14.729 min Scan# 1939
Delta R.T. 0.429 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:165 Resp: 22213
Ion Ratio Lower Upper
165 100
63 2.4 33.7 50.5#
89 1.4 36.6 54.8#

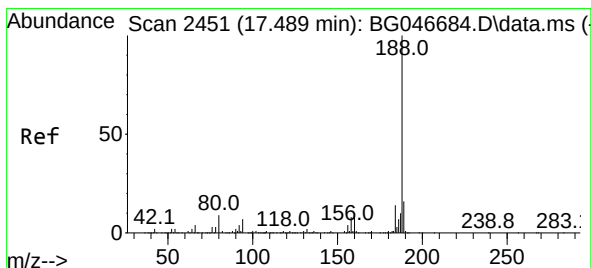
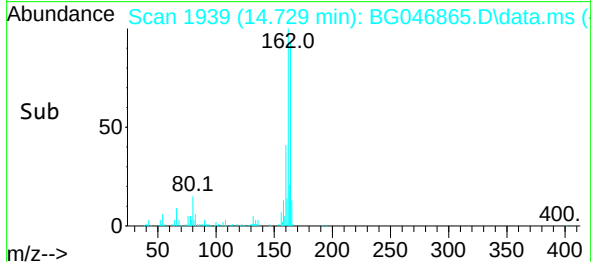
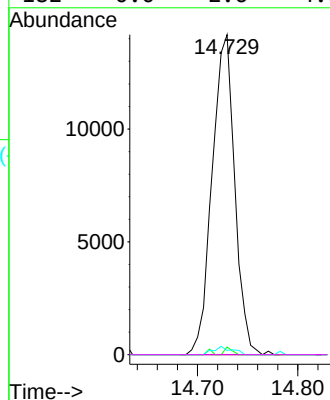
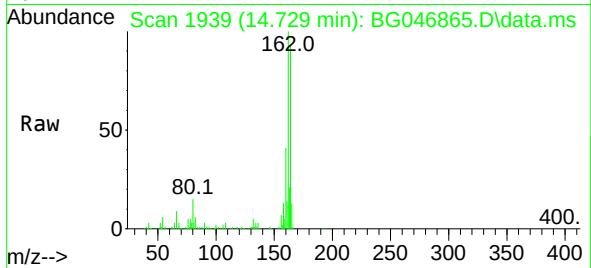




#57
2,4-Dinitrotoluene
Concen: 7.80 ng
RT: 14.729 min Scan# 1939
Delta R.T. -0.353 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

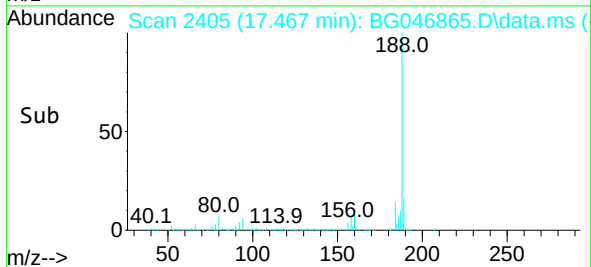
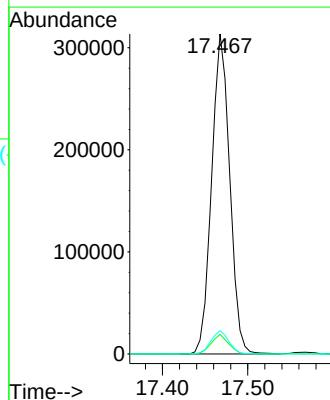
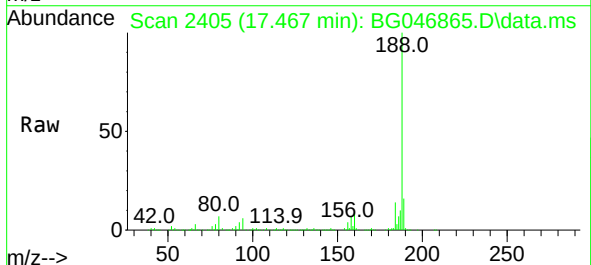
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

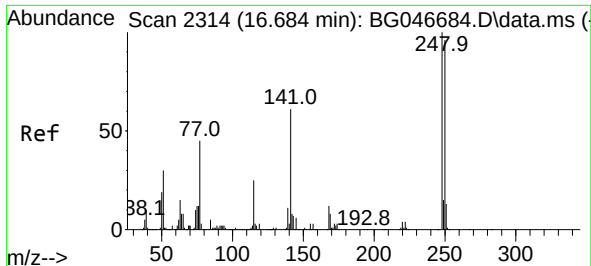
Tgt Ion:165 Resp: 22213
Ion Ratio Lower Upper
165 100
63 2.4 26.4 39.6#
89 1.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.467 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:188 Resp: 463163
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 7.3 7.0 10.6

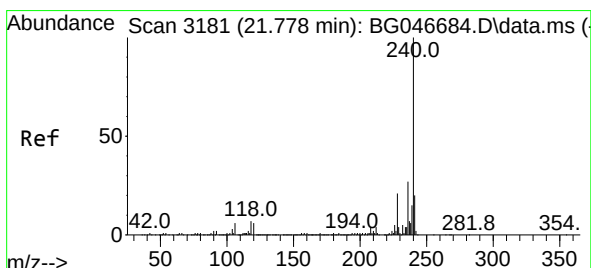
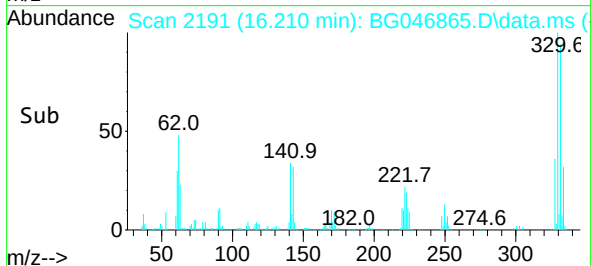
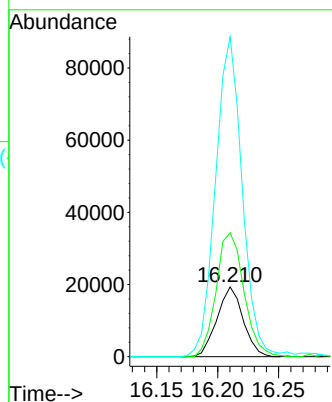
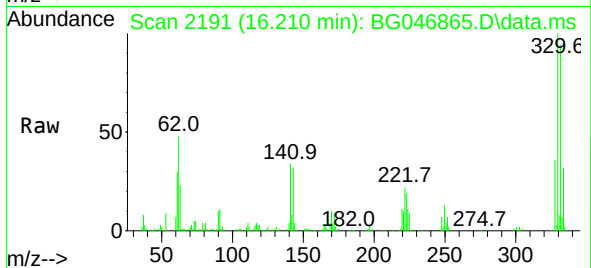




#67
4-Bromophenyl-phenylether
Concen: 4.92 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.452 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

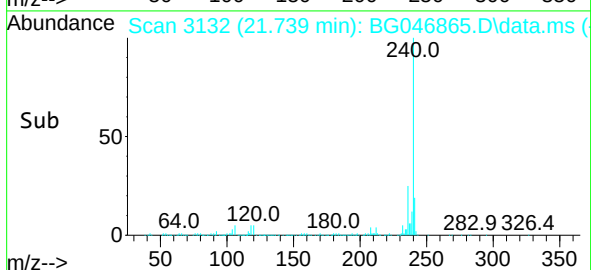
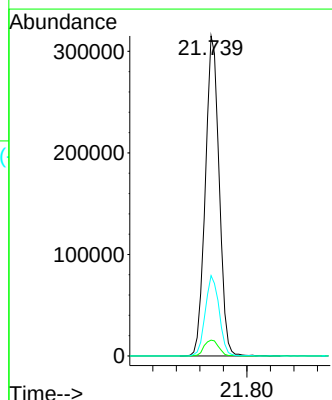
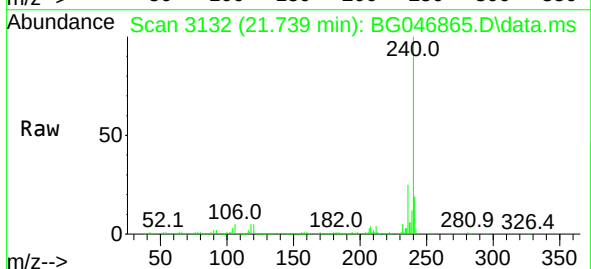
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-0-10

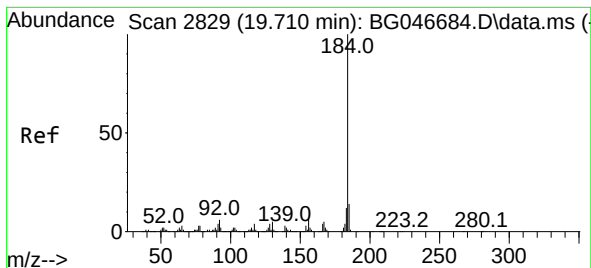
Tgt Ion:248 Resp: 28790
Ion Ratio Lower Upper
248 100
250 174.4 78.9 118.3#
141 346.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.739 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BG046865.D
Acq: 13 Oct 2020 6:30

Tgt Ion:240 Resp: 514360
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.1 20.5 30.7





#77

Benzidine

Concen: 2.60 ng

RT: 19.688 min Scan# 2783

Delta R.T. -0.012 min

Lab File: BG046865.D

Acq: 13 Oct 2020 6:30

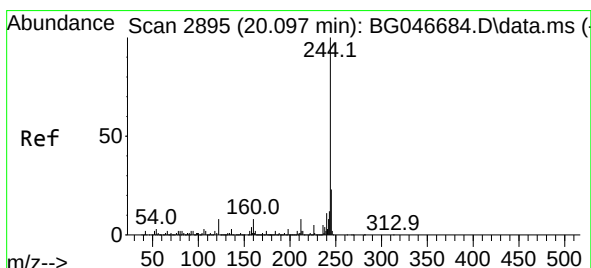
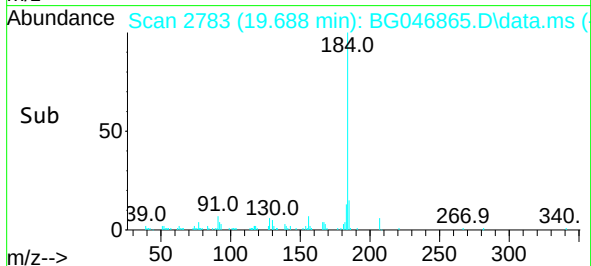
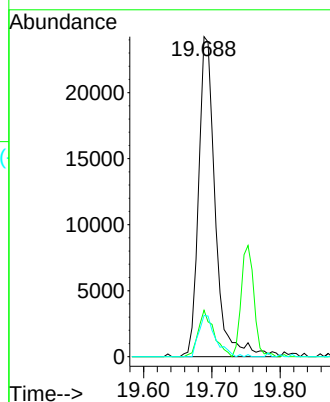
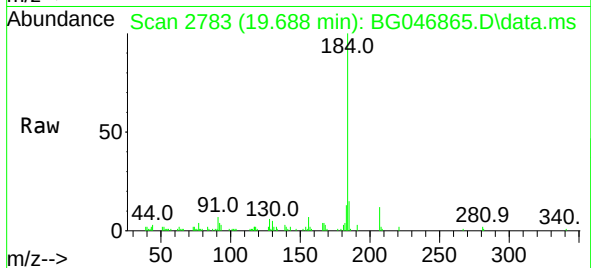
Tgt Ion:184	Resp: 41217
Ion Ratio	Lower Upper
184	100
185	14.5 12.4 18.6
183	12.9 10.6 15.8

Instrument :

BNA_G

ClientSampleId :

PAV-B10-100720-0-10



#79

Terphenyl-d14

Concen: 85.81 ng

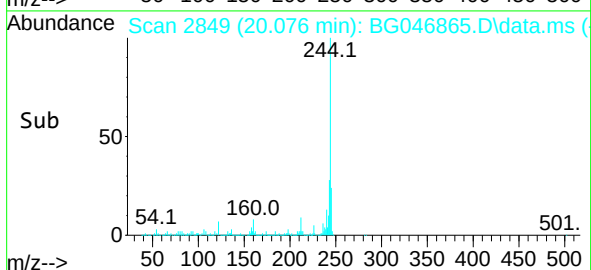
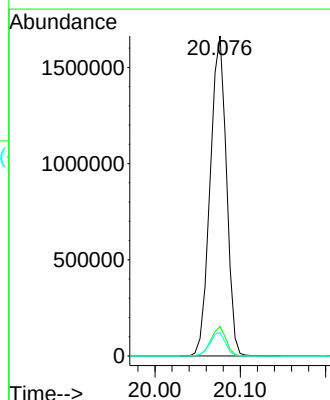
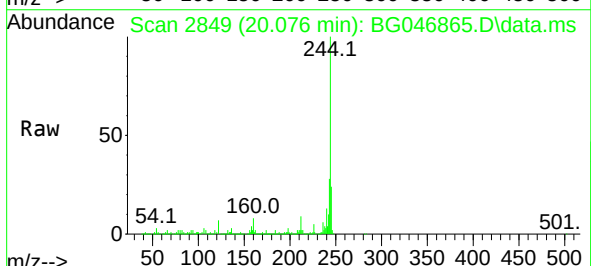
RT: 20.076 min Scan# 2849

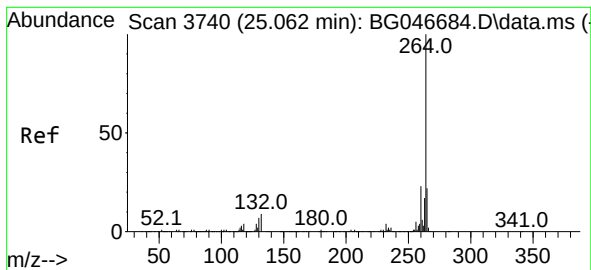
Delta R.T. -0.006 min

Lab File: BG046865.D

Acq: 13 Oct 2020 6:30

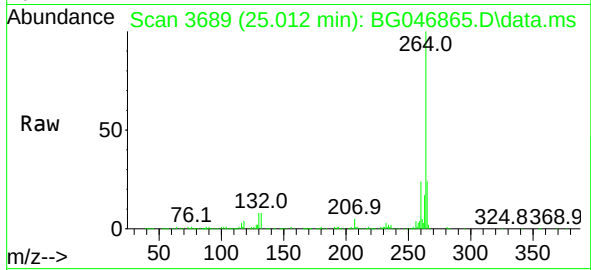
Tgt Ion:244	Resp: 2202152
Ion Ratio	Lower Upper
244	100
212	9.2 6.7 10.1
122	7.3 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.012 min Scan# 3689
 Delta R.T. -0.018 min
 Lab File: BG046865.D
 Acq: 13 Oct 2020 6:30

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B10-100720-0-10



Tgt Ion:	264	Resp:	503728
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.8	28.2
265	23.6	17.8	26.8

