

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046854.D
 Acq On : 12 Oct 2020 19:44
 Operator : CG/JU
 Sample : L4311-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B10-100720-10-17

Quant Time: Oct 13 02:41:27 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)

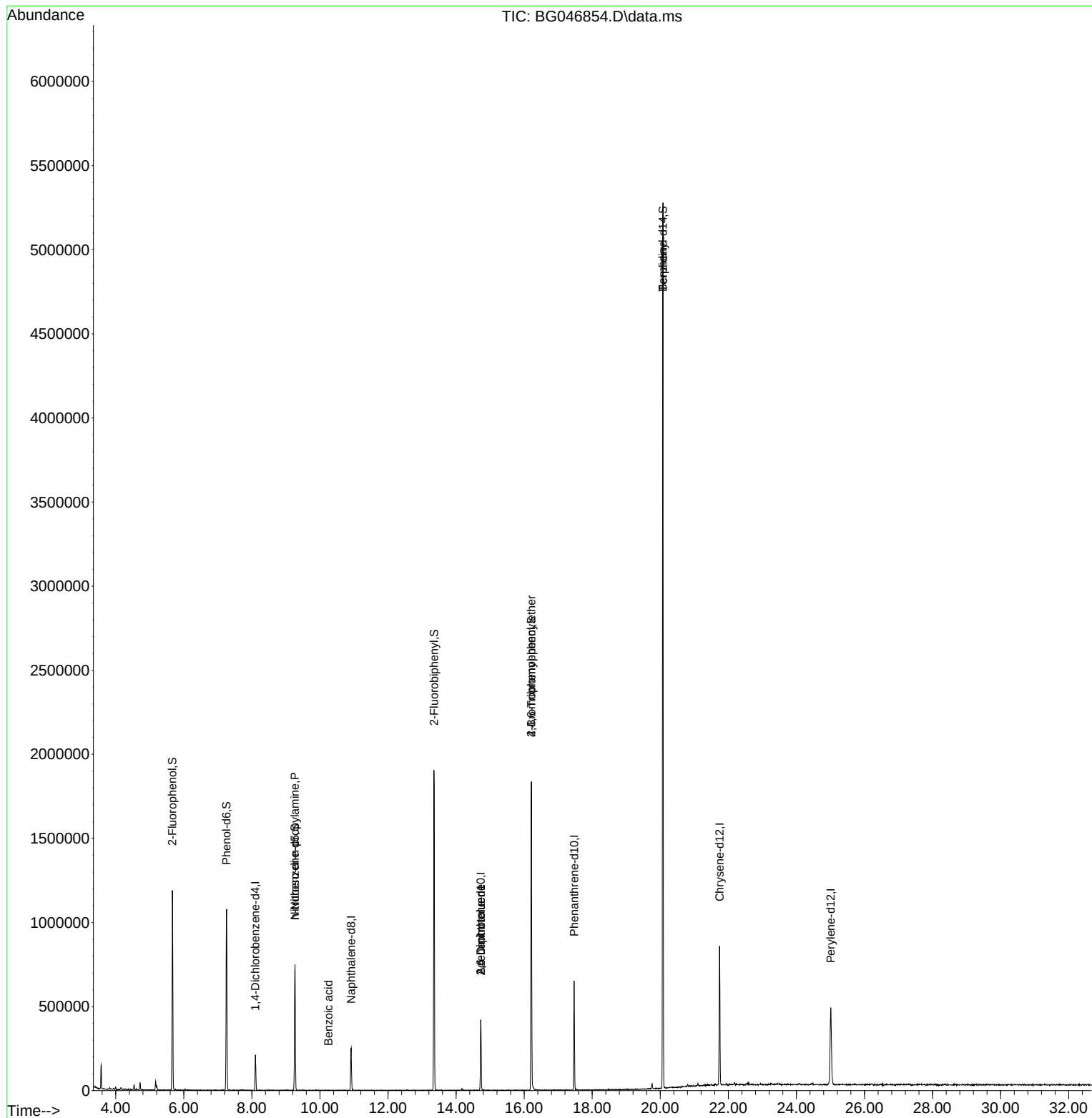
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	58590	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	211710	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	150728	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	422082	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	531753	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	515763	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	472395	129.17	ng	0.00
7) Phenol-d6	7.257	99	596947	115.72	ng	0.00
23) Nitrobenzene-d5	9.267	82	444780	111.77	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	376340	189.36	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	994401	93.40	ng	-0.01
79) Terphenyl-d14	20.078	244	2302863	86.80	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.257	77	1040	Below Cal	#	24
19) n-Nitroso-di-n-propyla...	9.267	70	63058	17.83	ng	# 79
32) Benzoic acid	10.248	122	59	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.725	165	20661	10.56	ng	# 35
57) 2,4-Dinitrotoluene	14.725	165	20661	7.97	ng	# 33
67) 4-Bromophenyl-phenylether	16.212	248	25151	4.72	ng	# 1
77) Benzidine	20.078	184	42151	2.57	ng	97

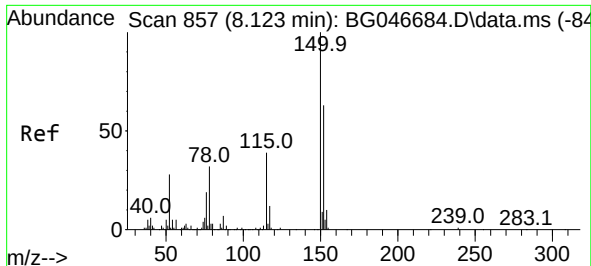
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

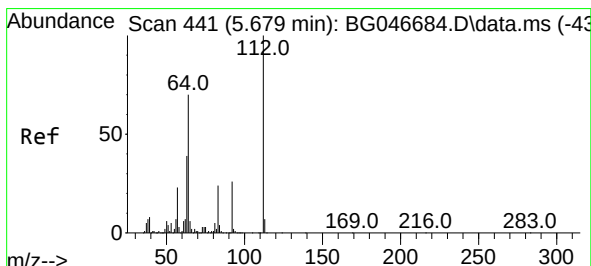
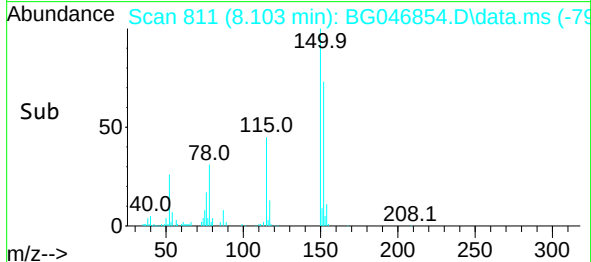
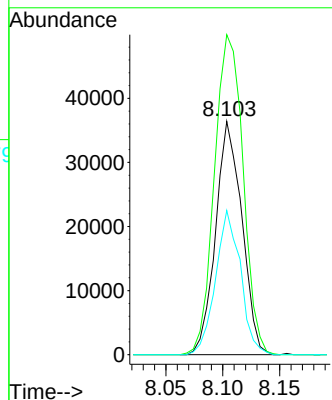
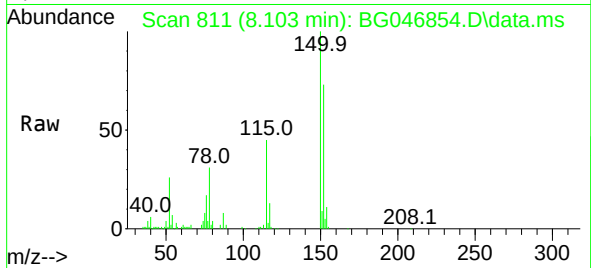




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

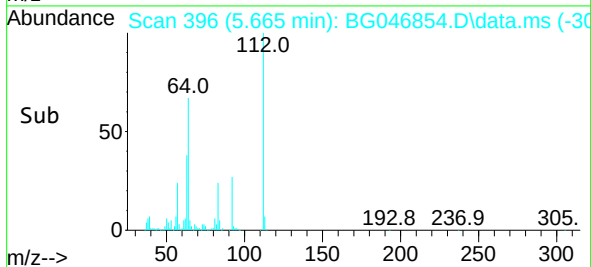
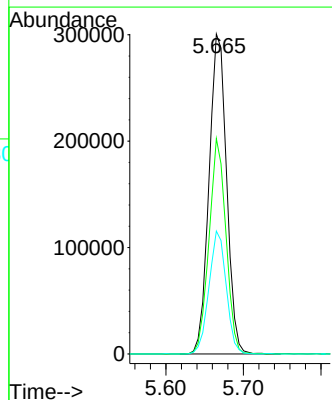
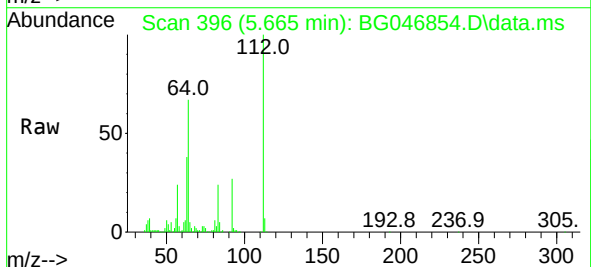
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

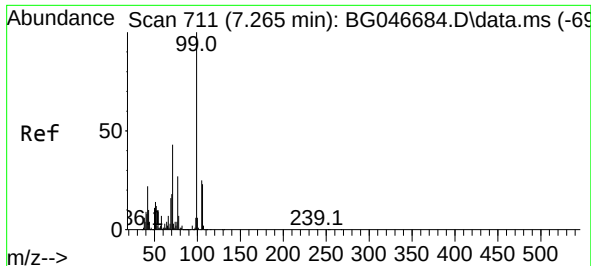
Tgt Ion:152 Resp: 58590
Ion Ratio Lower Upper
152 100
150 137.1 125.0 187.6
115 61.8 41.8 62.6



#5
2-Fluorophenol
Concen: 129.17 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:112 Resp: 472395
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 38.4 22.8 34.2#

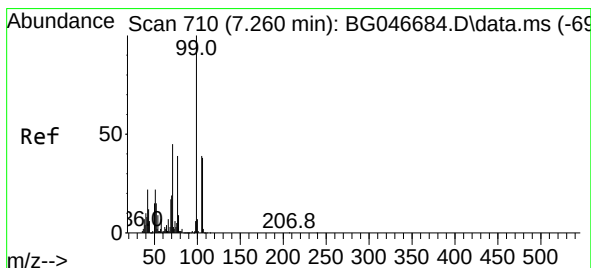
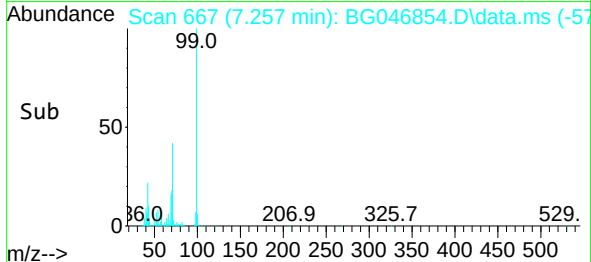
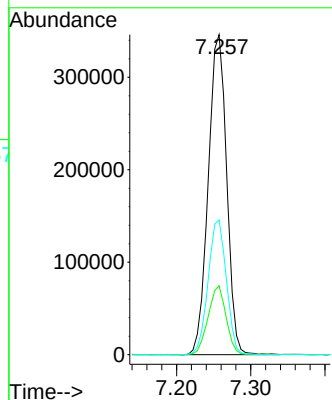
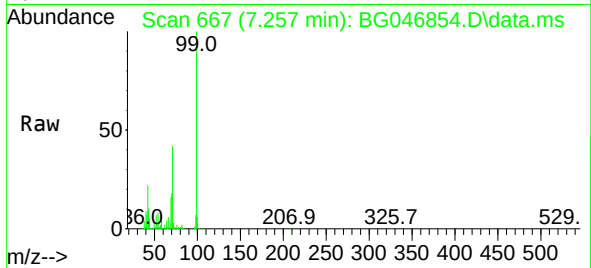




#7
Phenol-d6
Concen: 115.72 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

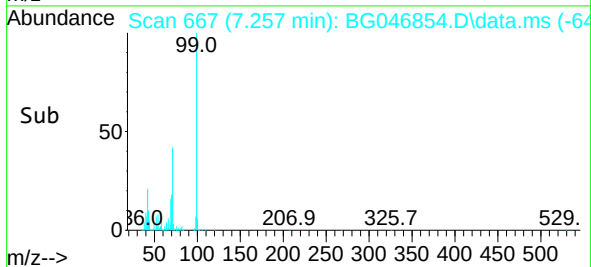
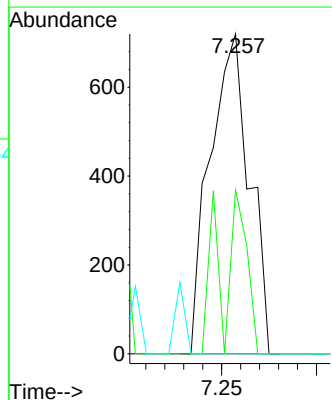
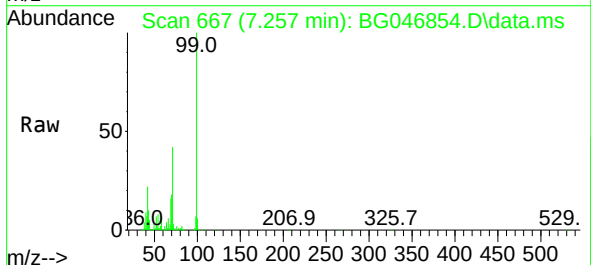
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

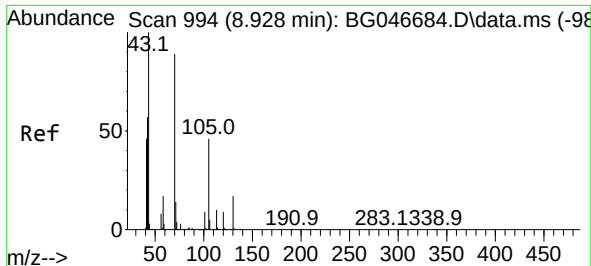
Tgt Ion: 99 Resp: 596947
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 42.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion: 77 Resp: 1040
Ion Ratio Lower Upper
77 100
105 51.2 85.9 125.9#
106 0.0 80.9 120.9#

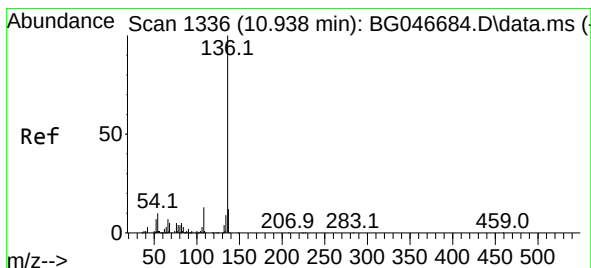
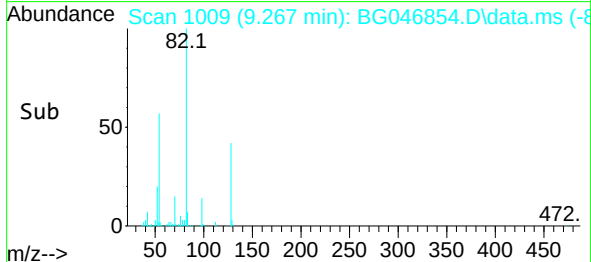
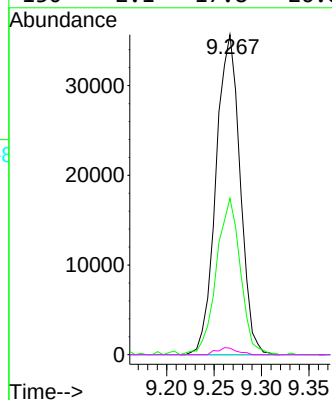
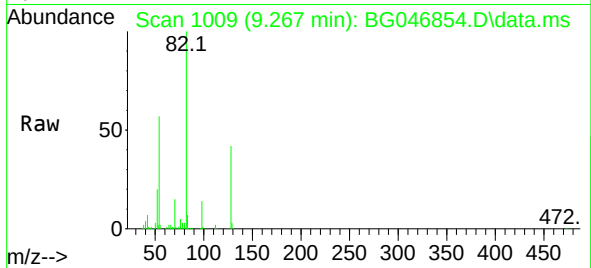




#19
n-Nitroso-di-n-propylamine
Concen: 17.83 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

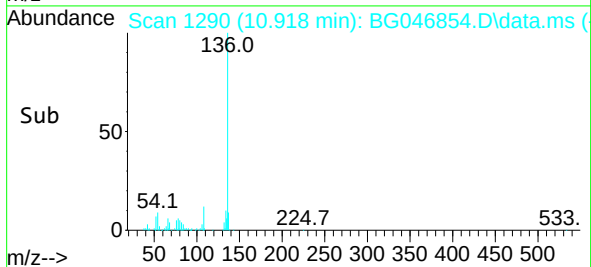
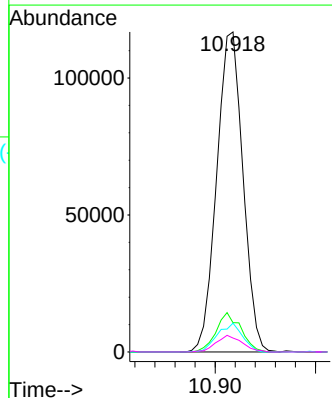
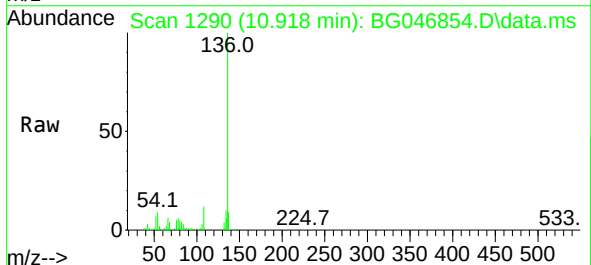
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

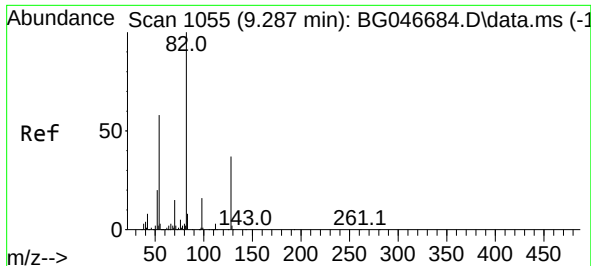
Tgt Ion: 70	Resp: 63058
Ion Ratio	Lower Upper
70 100	
42 48.9	45.6 68.4
101 0.0	8.4 12.6#
130 2.1	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion: 136	Resp: 211710
Ion Ratio	Lower Upper
136 100	
137 9.2	9.1 13.7
54 9.0	6.2 9.4
68 4.3	5.0 7.4#

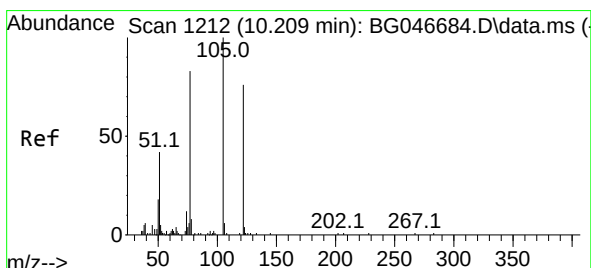
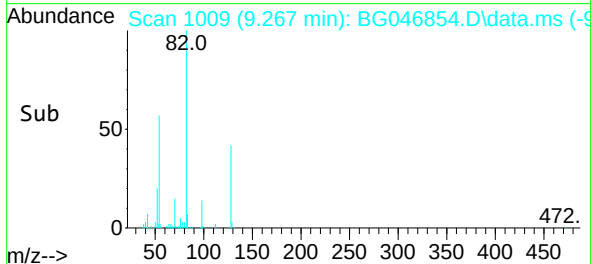
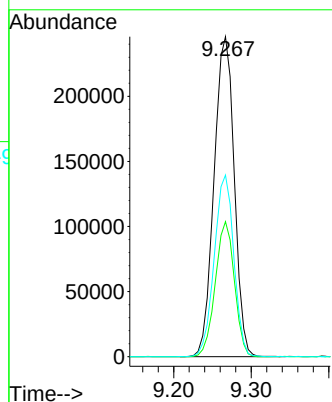
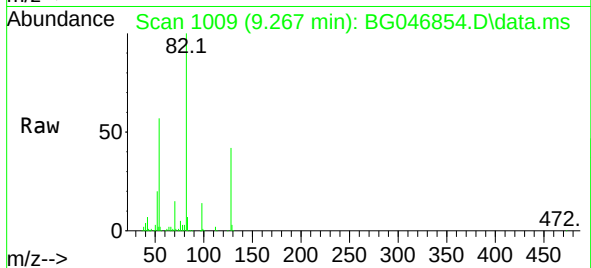




#23
Nitrobenzene-d5
Concen: 111.77 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

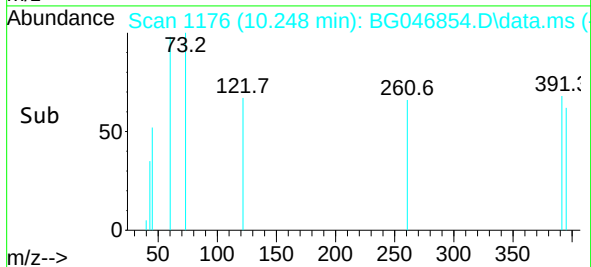
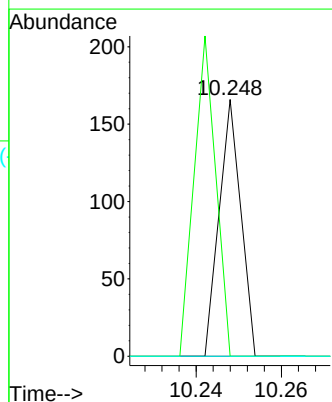
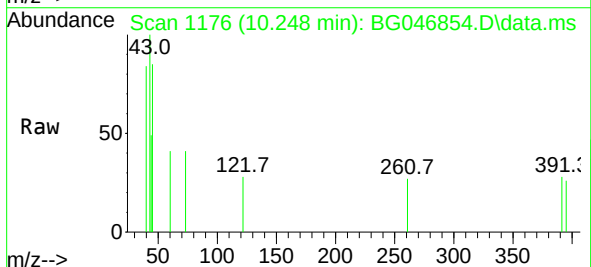
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

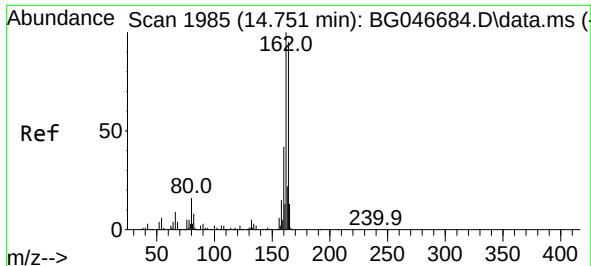
Tgt Ion: 82 Resp: 444780
Ion Ratio Lower Upper
82 100
128 42.2 37.0 55.6
54 56.7 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.248 min Scan# 1176
Delta R.T. 0.054 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

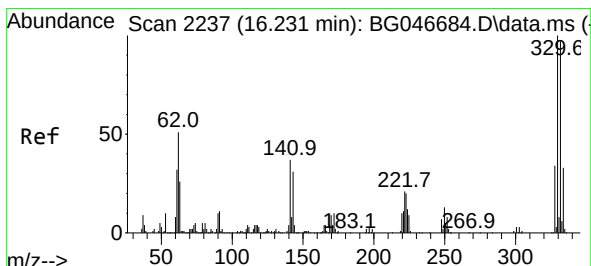
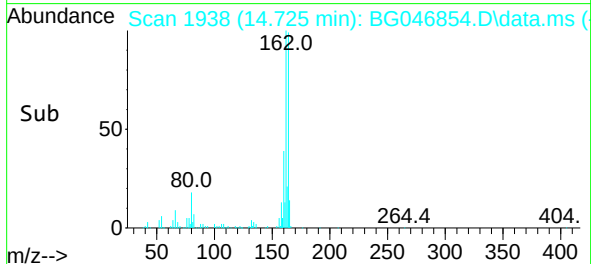
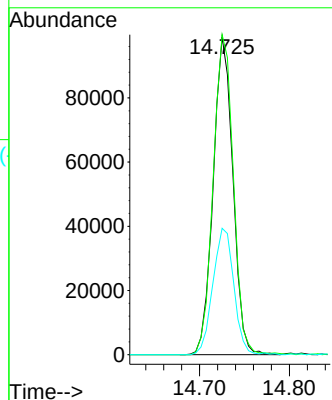
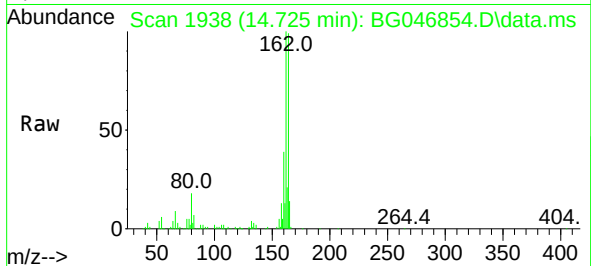




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

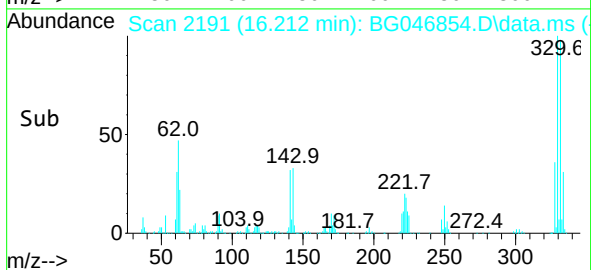
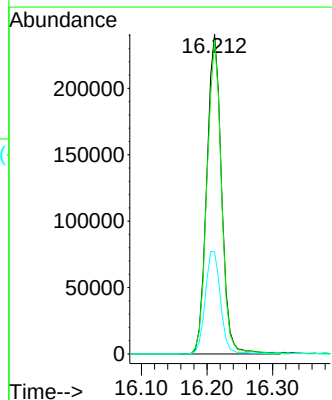
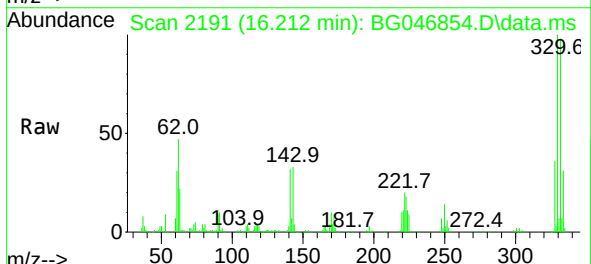
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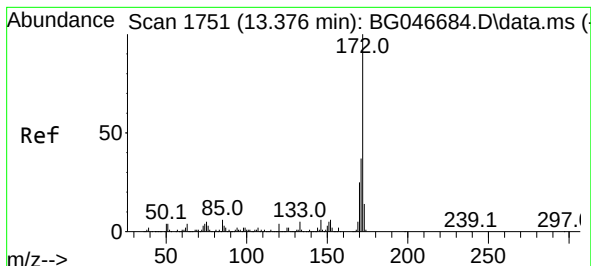
Tgt Ion:164 Resp: 150728
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 39.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 189.36 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

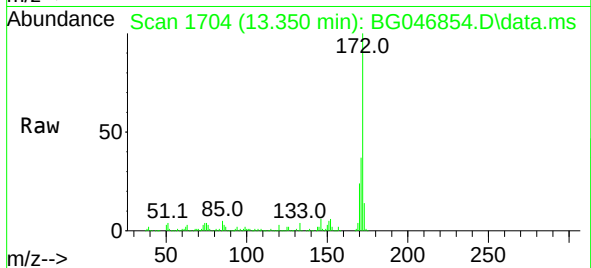
Tgt Ion:330 Resp: 376340
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 33.4 26.0 39.0



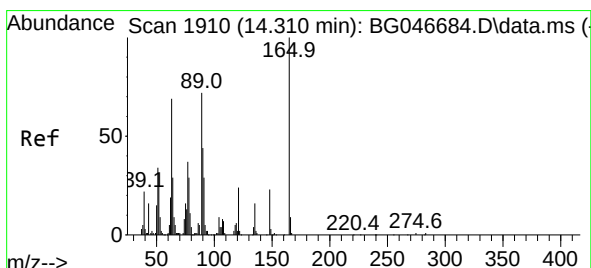
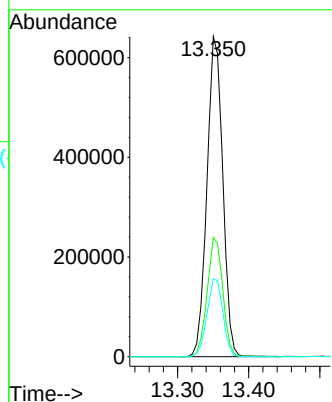
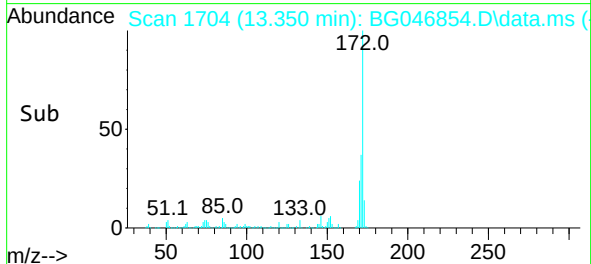


#45
2-Fluorobiphenyl
Concen: 93.40 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

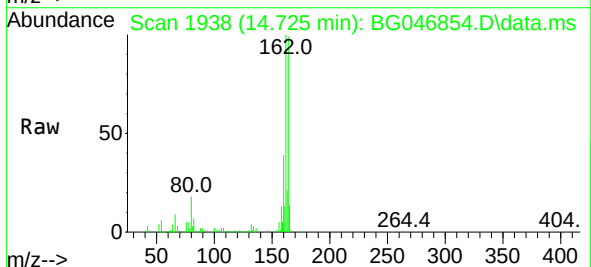
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17



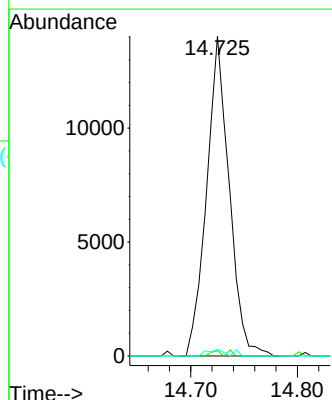
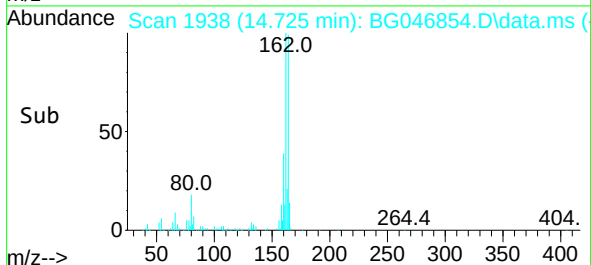
Tgt Ion:172 Resp: 994401
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 24.3 20.8 31.2

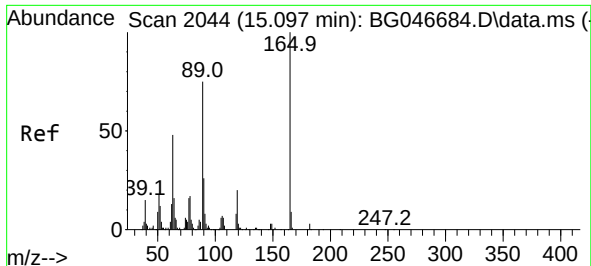


#51
2,6-Dinitrotoluene
Concen: 10.56 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44



Tgt Ion:165 Resp: 20661
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 2.1 36.6 54.8#

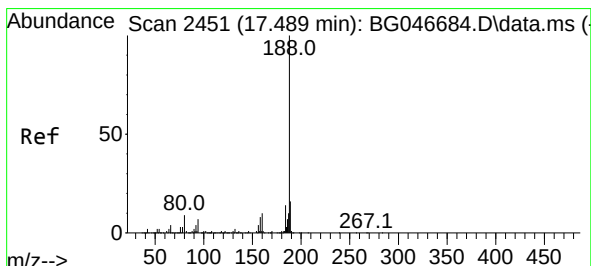
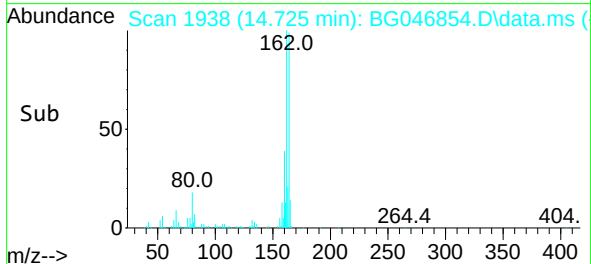
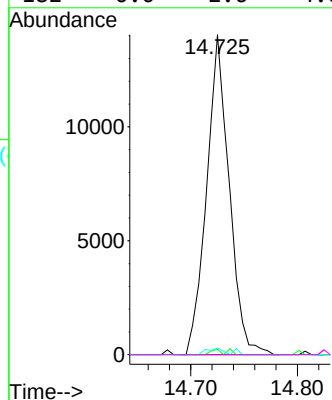
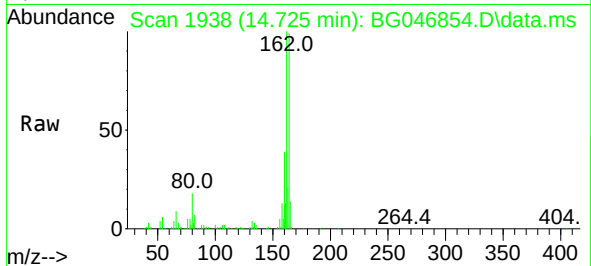




#57
2,4-Dinitrotoluene
Concen: 7.97 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

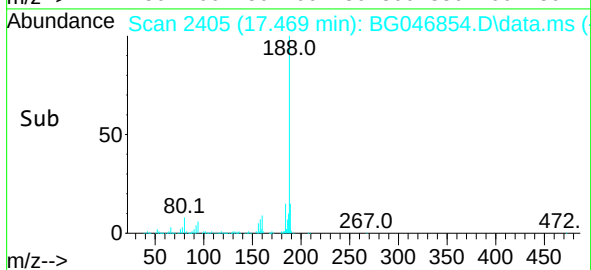
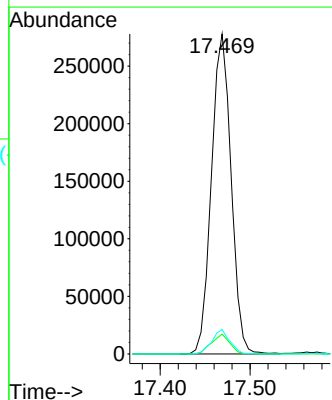
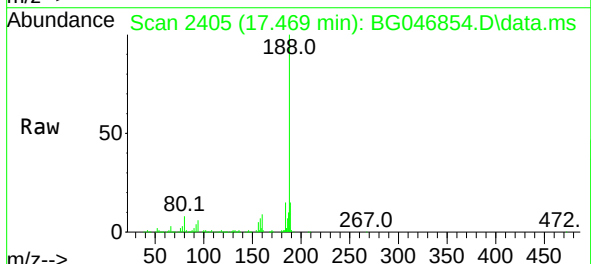
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

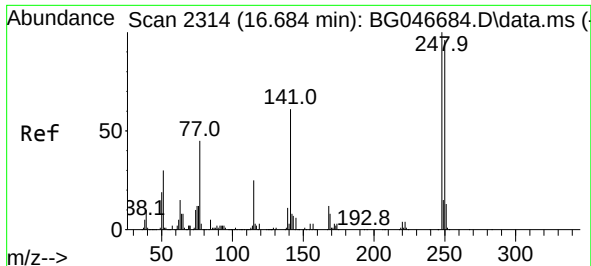
Tgt Ion:	165	Resp:	20661
Ion Ratio	Lower	Upper	
165	100		
63	1.7	26.4	39.6#
89	2.1	47.8	71.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:	188	Resp:	422082
Ion Ratio	Lower	Upper	
188	100		
94	6.2	6.3	9.5#
80	7.6	7.0	10.6

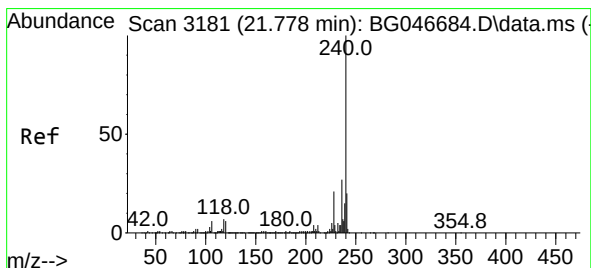
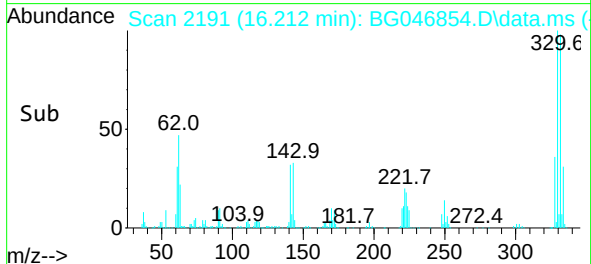
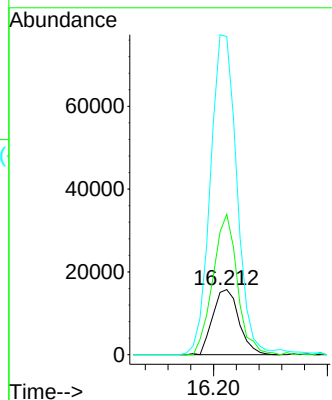
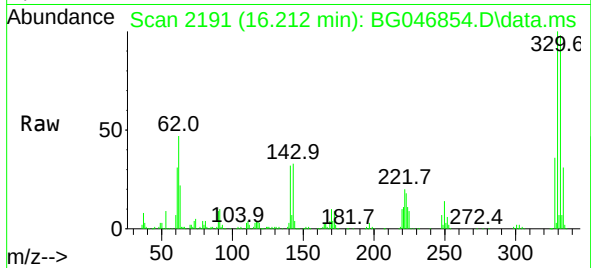




#67
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

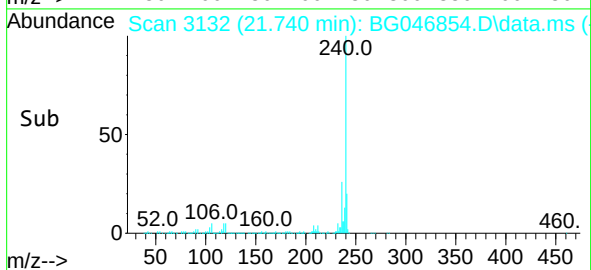
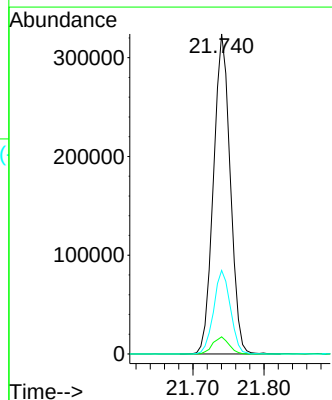
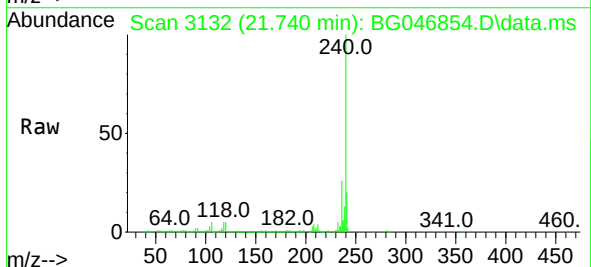
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

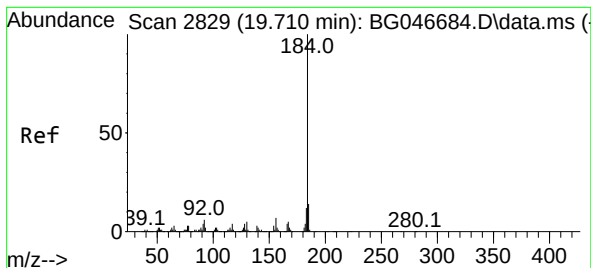
Tgt Ion:248 Resp: 25151
Ion Ratio Lower Upper
248 100
250 206.3 78.9 118.3#
141 374.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:240 Resp: 531753
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.1 20.5 30.7





#77

Benzidine

Concen: 2.57 ng

RT: 20.078 min Scan# 2849

Delta R.T. 0.377 min

Lab File: BG046854.D

Acq: 12 Oct 2020 19:44

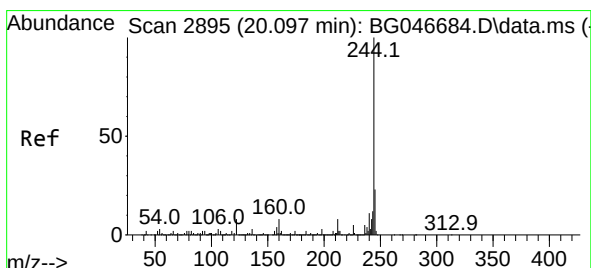
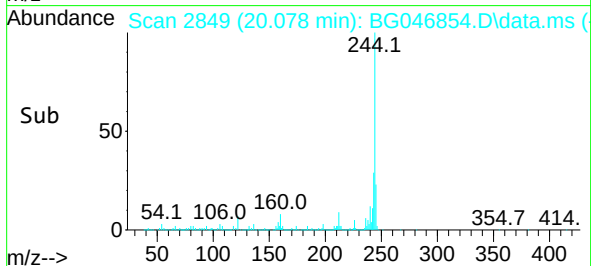
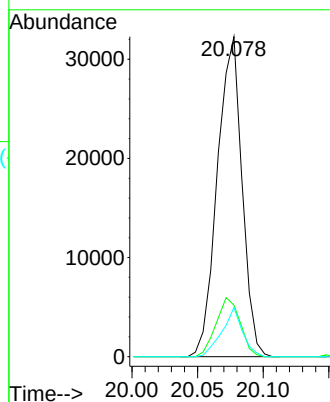
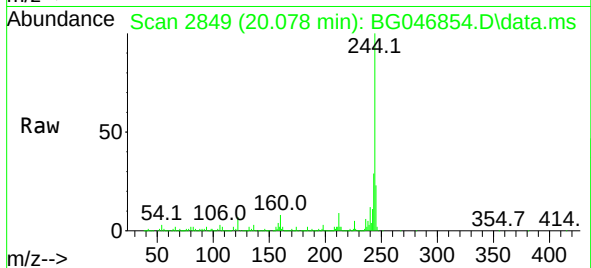
Tgt Ion:184	Resp:	42151
Ion Ratio	Lower	Upper
184	100	
185	16.1	12.4 18.6
183	15.4	10.6 15.8

Instrument :

BNA_G

ClientSampleId :

PAV-B10-100720-10-17



#79

Terphenyl-d14

Concen: 86.80 ng

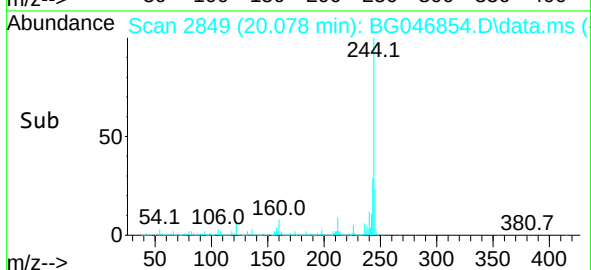
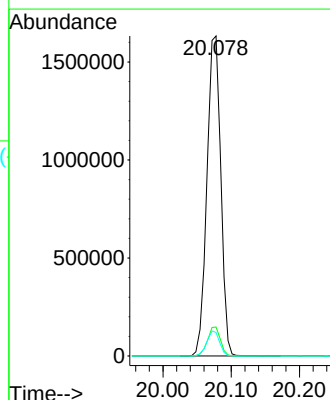
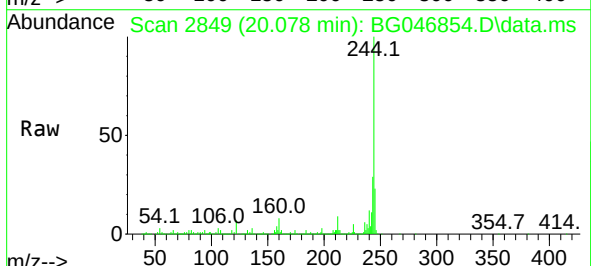
RT: 20.078 min Scan# 2849

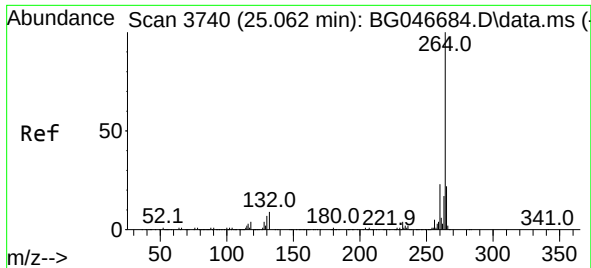
Delta R.T. -0.004 min

Lab File: BG046854.D

Acq: 12 Oct 2020 19:44

Tgt Ion:244	Resp:	2302863
Ion Ratio	Lower	Upper
244	100	
212	9.1	6.7 10.1
122	7.3	7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.007 min Scan# 3688
 Delta R.T. -0.022 min
 Lab File: BG046854.D
 Acq: 12 Oct 2020 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B10-100720-10-17

Tgt Ion:264 Resp: 515763
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 20.7 17.8 26.8

