

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046852.D
 Acq On : 12 Oct 2020 18:23
 Operator : CG/JU
 Sample : L4292-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B13-100620-0-10

Quant Time: Oct 13 02:40:57 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)

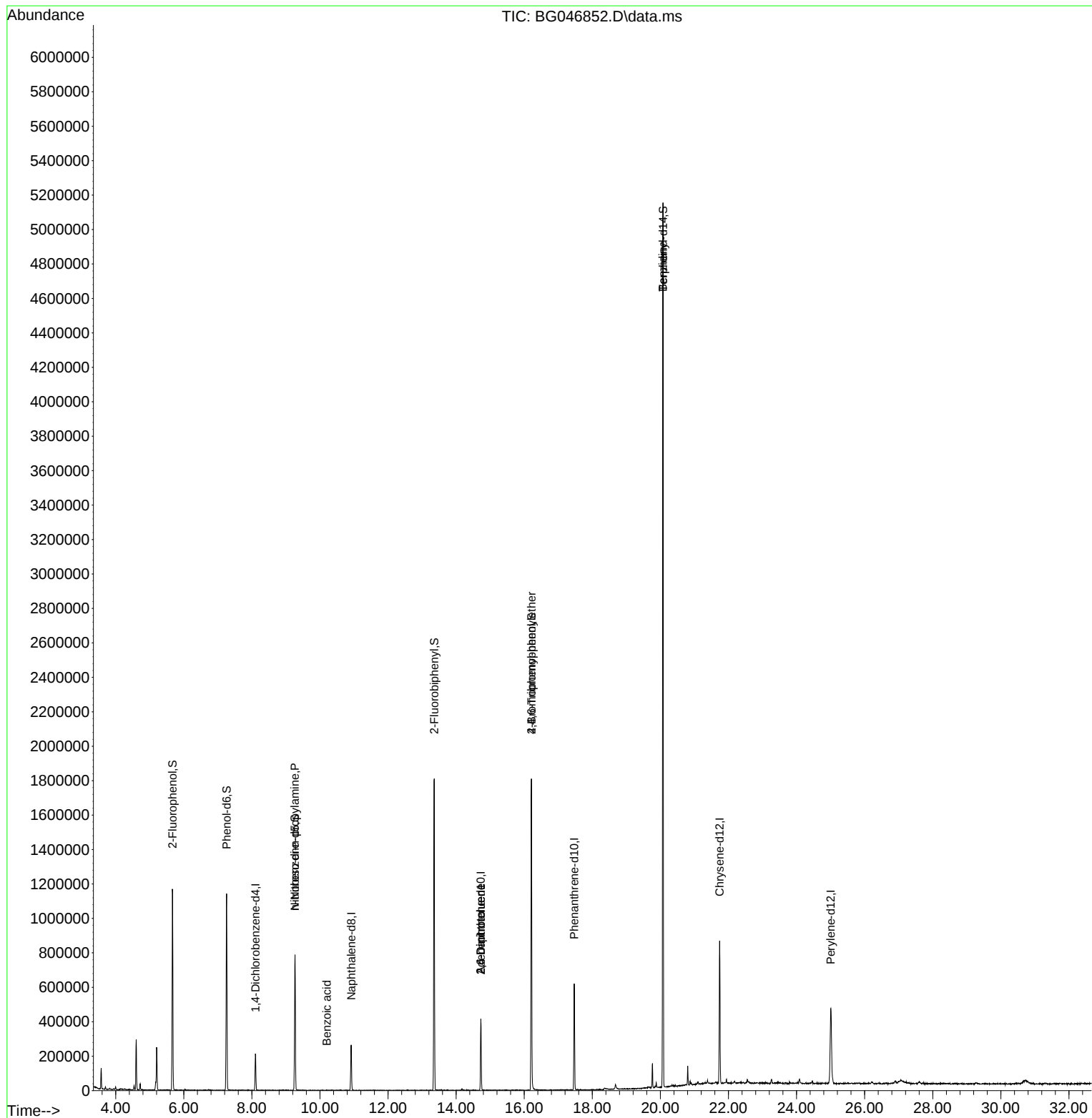
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	56098	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	213066	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	147601	20.00	ng	0.00
64) Phenanthrene-d10	17.469	188	407422	20.00	ng	# 0.00
76) Chrysene-d12	21.741	240	519921	20.00	ng	#-0.02
86) Perylene-d12	25.002	264	491133	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	482239	137.72	ng	0.00
7) Phenol-d6	7.258	99	614393	124.39	ng	0.00
23) Nitrobenzene-d5	9.267	82	457773	114.30	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	366113	188.11	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	970563	93.09	ng	0.00
79) Terphenyl-d14	20.078	244	2264722	87.30	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.252	77	1636	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	65534	19.35	ng	# 75
32) Benzoic acid	10.201	122	176	6.41	ng	# 48
51) 2,6-Dinitrotoluene	14.725	165	19887	10.38	ng	# 36
57) 2,4-Dinitrotoluene	14.725	165	19887	7.84	ng	# 34
67) 4-Bromophenyl-phenylether	16.212	248	25917	5.03	ng	# 1
77) Benzidine	20.072	184	42034	2.62	ng	96

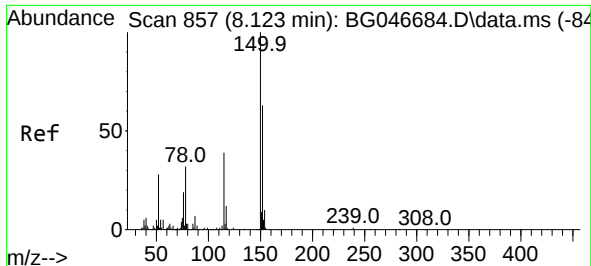
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046852.D
Acq On : 12 Oct 2020 18:23
Operator : CG/JU
Sample : L4292-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

Quant Time: Oct 13 02:40:57 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

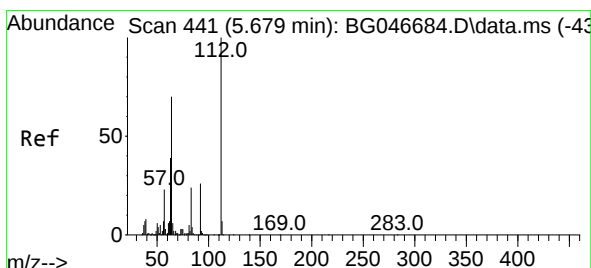
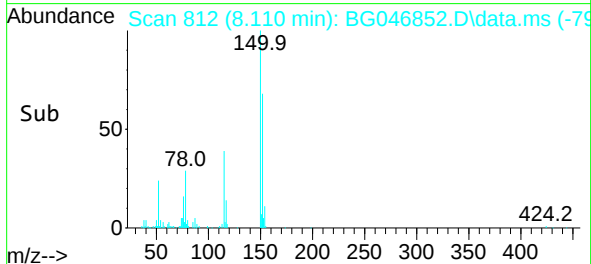
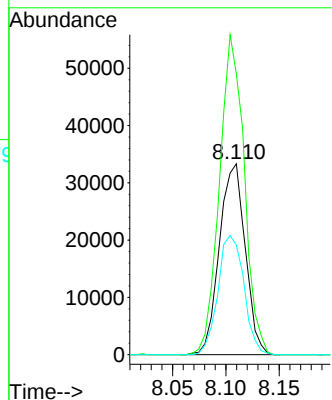
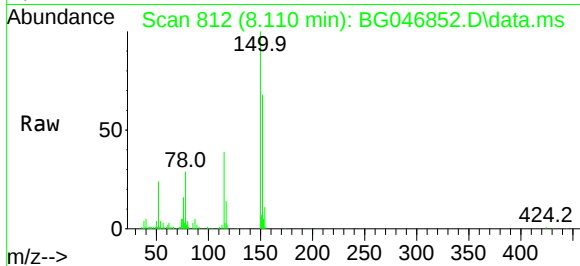




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 812
Delta R.T. 0.002 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

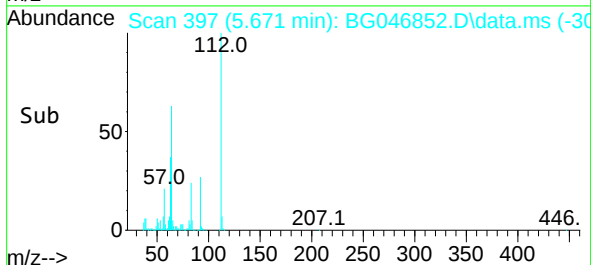
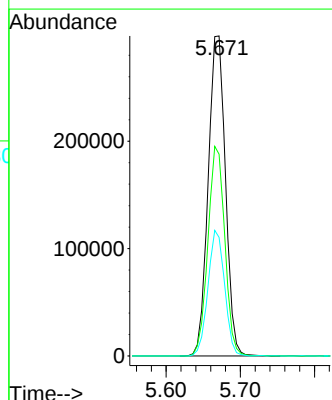
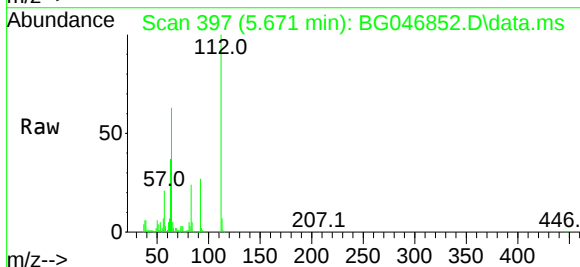
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

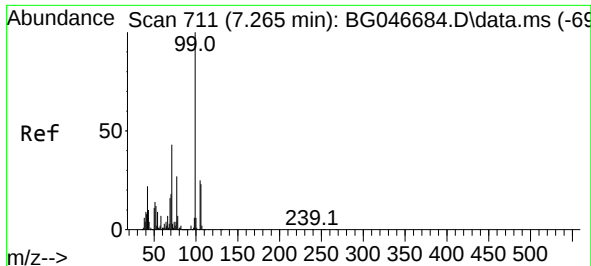
Tgt Ion:152 Resp: 56098
Ion Ratio Lower Upper
152 100
150 147.0 125.0 187.6
115 57.3 41.8 62.6



#5
2-Fluorophenol
Concen: 137.72 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.002 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

Tgt Ion:112 Resp: 482239
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 37.0 22.8 34.2#

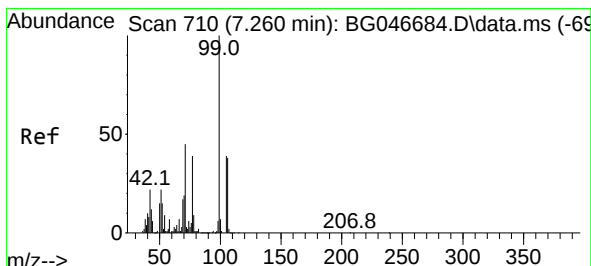
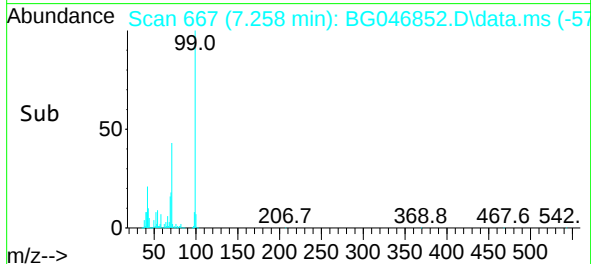
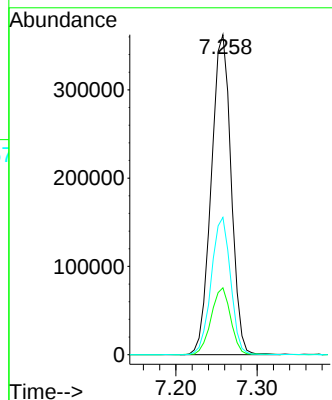
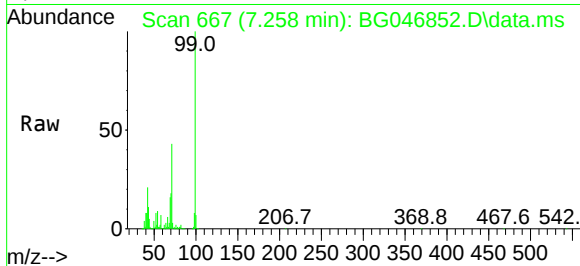




#7
Phenol-d6
Concen: 124.39 ng
RT: 7.258 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

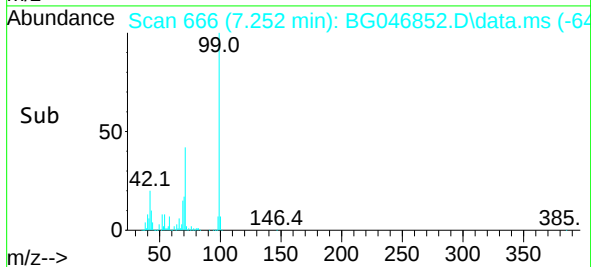
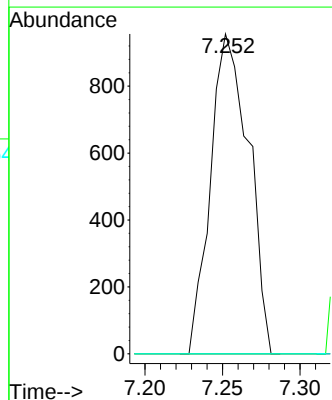
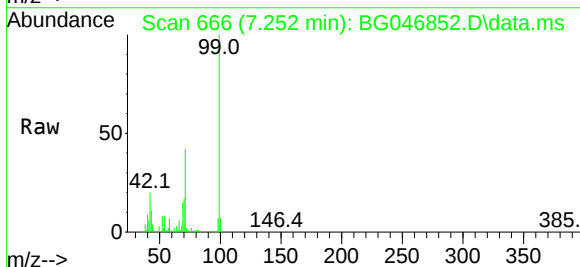
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

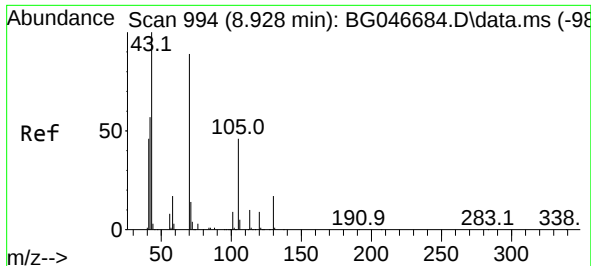
Tgt Ion: 99 Resp: 614393
Ion Ratio Lower Upper
99 100
42 20.9 12.8 19.2#
71 42.9 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

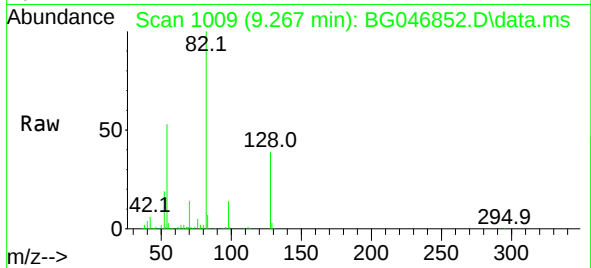
Tgt Ion: 77 Resp: 1636
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



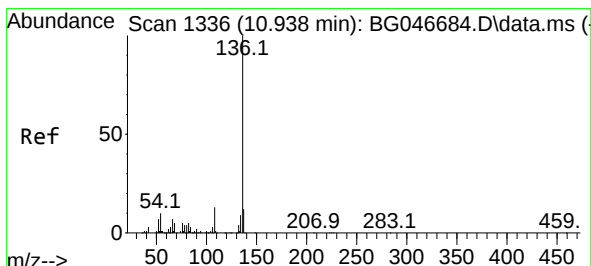
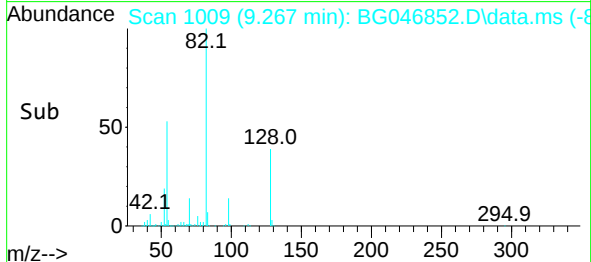
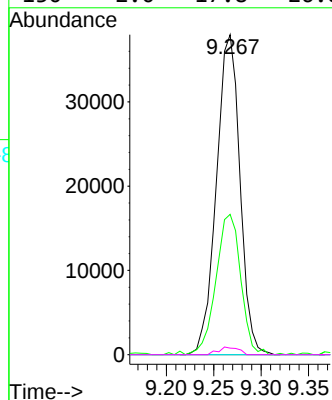


#19
n-Nitroso-di-n-propylamine
Concen: 19.35 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

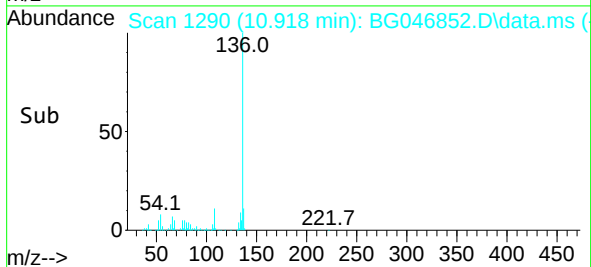
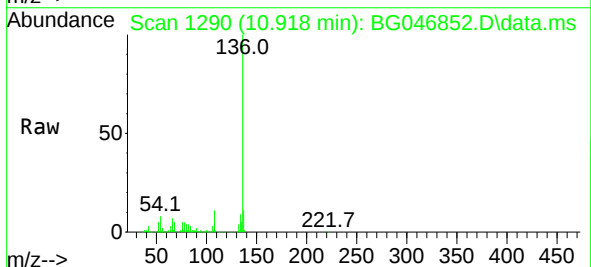
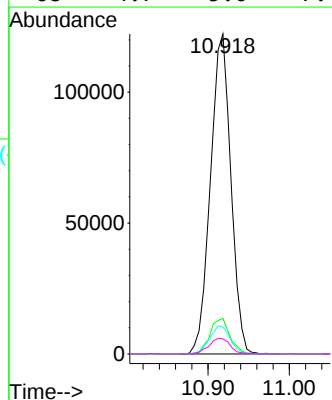


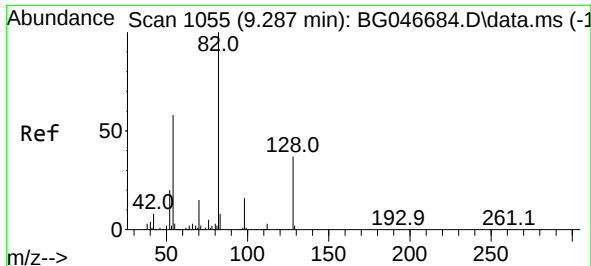
Tgt Ion: 70 Resp: 65534
Ion Ratio Lower Upper
70 100
42 43.9 45.6 68.4#
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

Tgt Ion: 136 Resp: 213066
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.4 6.2 9.4
68 4.7 5.0 7.4#

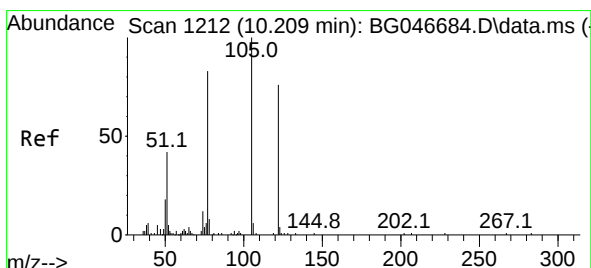
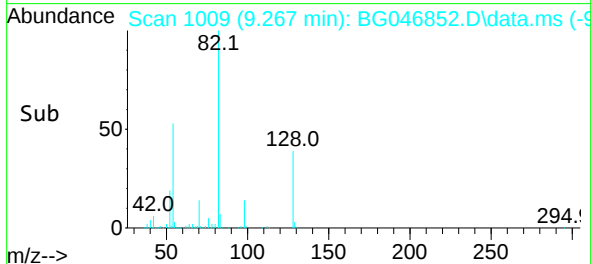
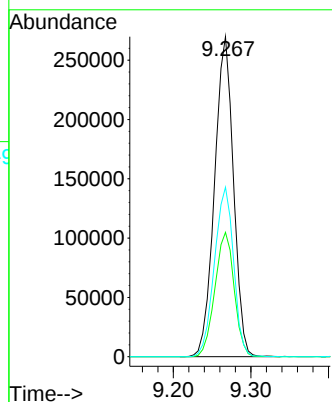
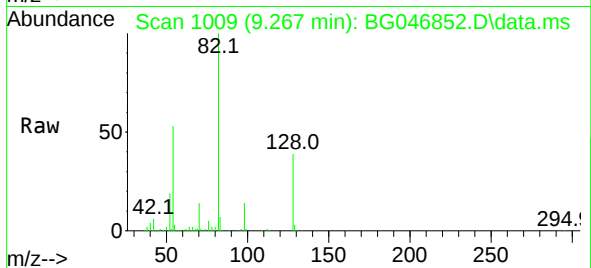




#23
Nitrobenzene-d5
Concen: 114.30 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

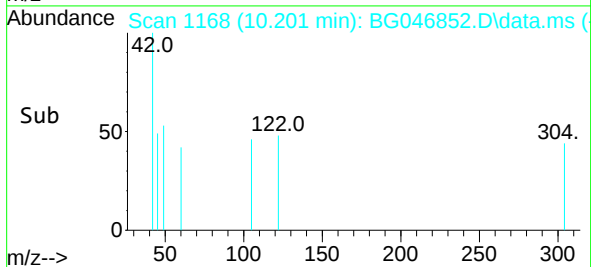
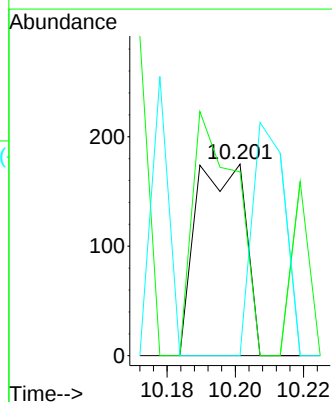
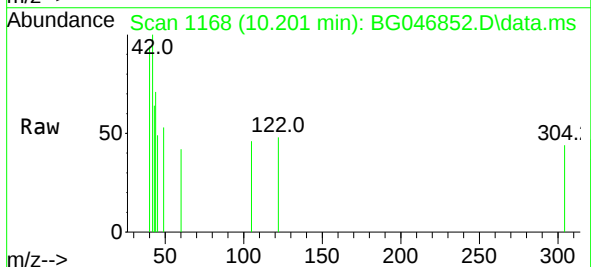
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

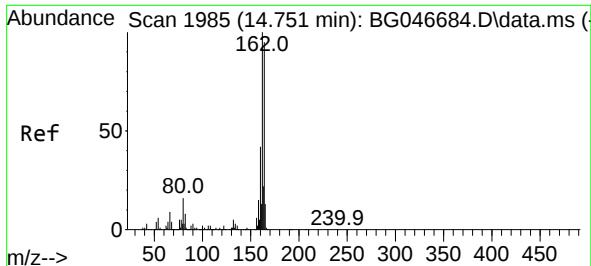
Tgt Ion: 82 Resp: 457773
Ion Ratio Lower Upper
82 100
128 38.9 37.0 55.6
54 53.0 39.0 58.4



#32
Benzoic acid
Concen: 6.41 ng
RT: 10.201 min Scan# 1168
Delta R.T. 0.008 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

Tgt Ion:122 Resp: 176
Ion Ratio Lower Upper
122 100
105 96.0 103.7 143.7#
77 0.0 63.0 103.0#

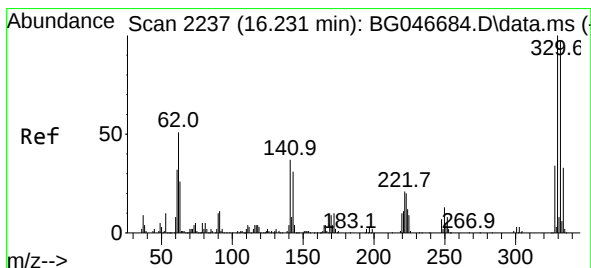
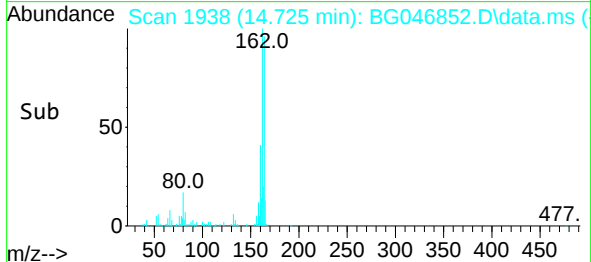
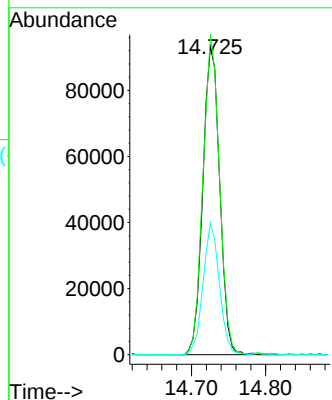
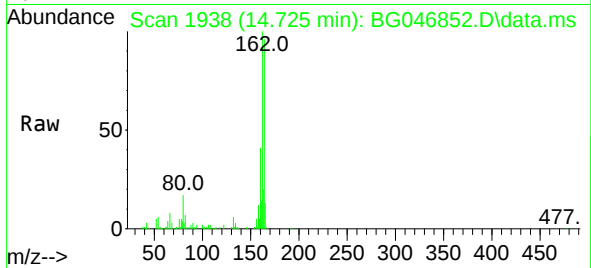




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

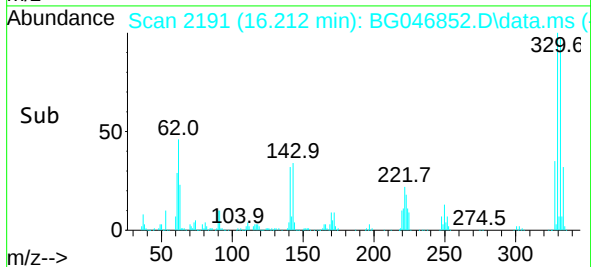
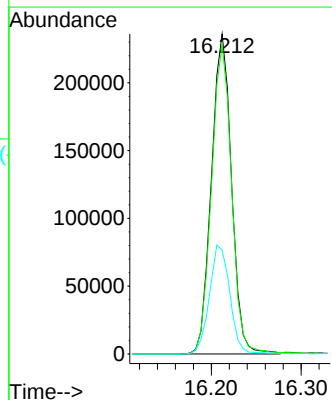
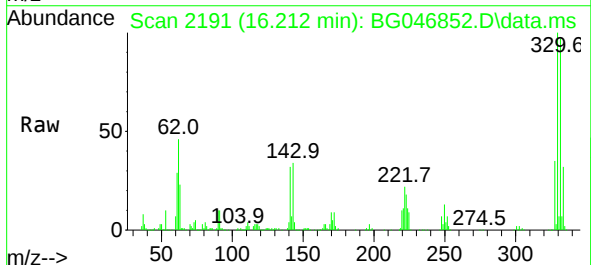
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

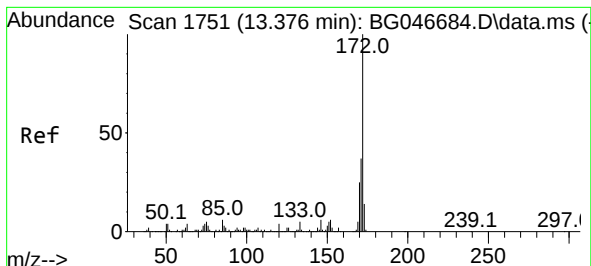
Tgt Ion:164 Resp: 147601
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 42.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 188.11 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

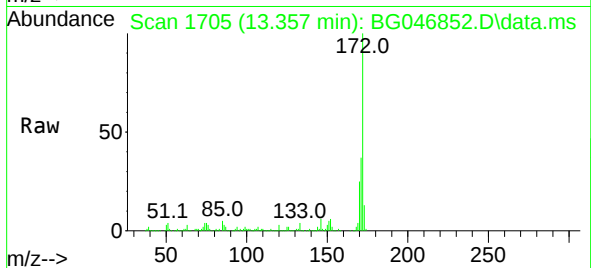
Tgt Ion:330 Resp: 366113
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 34.8 26.0 39.0



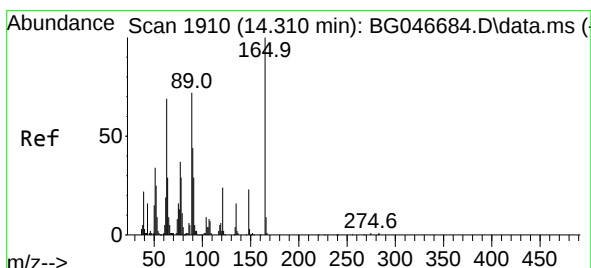
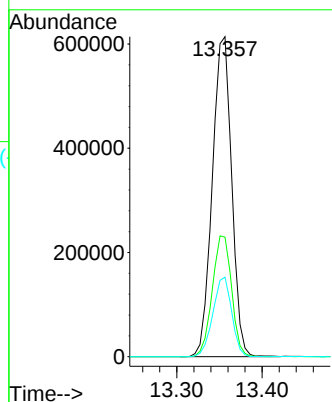
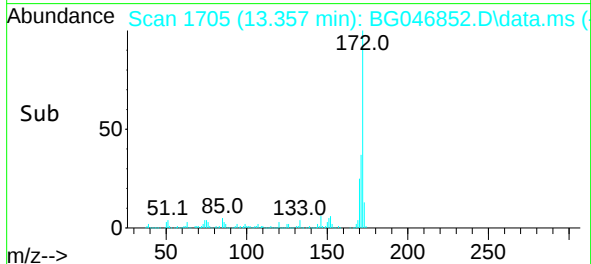


#45
2-Fluorobiphenyl
Concen: 93.09 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

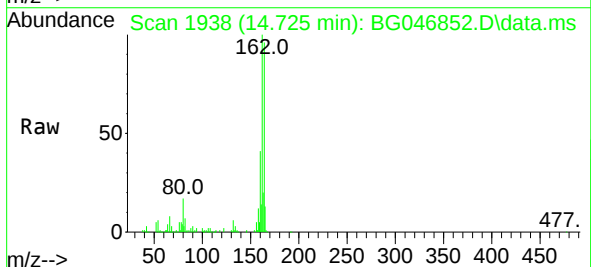
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10



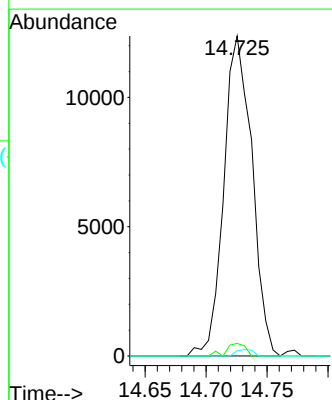
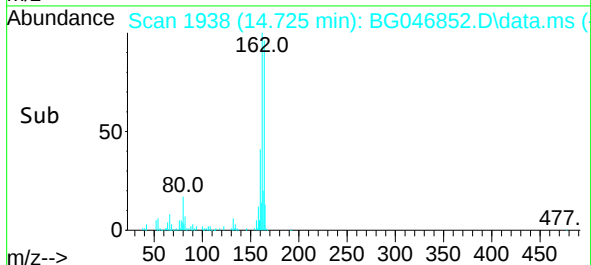
Tgt Ion:172 Resp: 970563
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.9 20.8 31.2

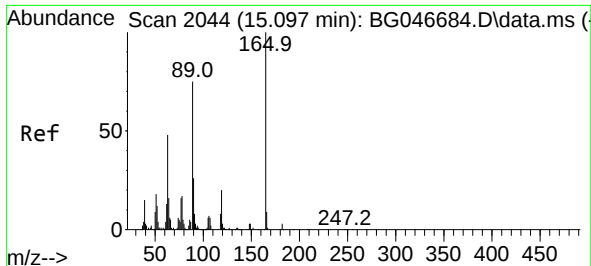


#51
2,6-Dinitrotoluene
Concen: 10.38 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.425 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23



Tgt Ion:165 Resp: 19887
Ion Ratio Lower Upper
165 100
63 3.9 33.7 50.5#
89 1.6 36.6 54.8#

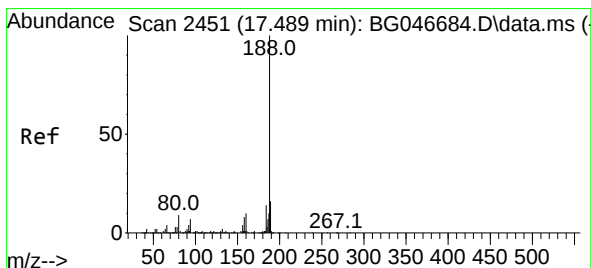
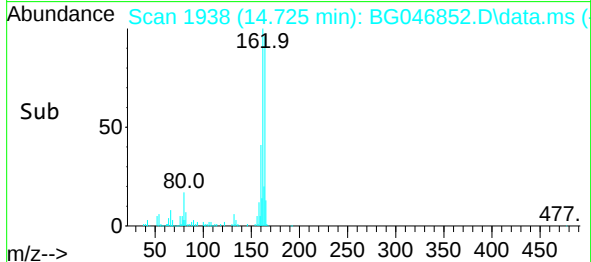
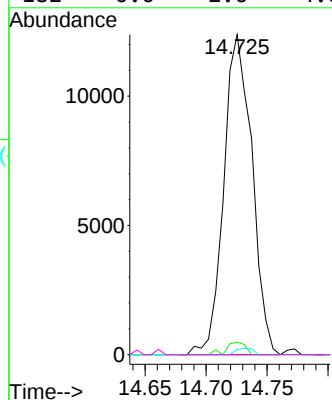
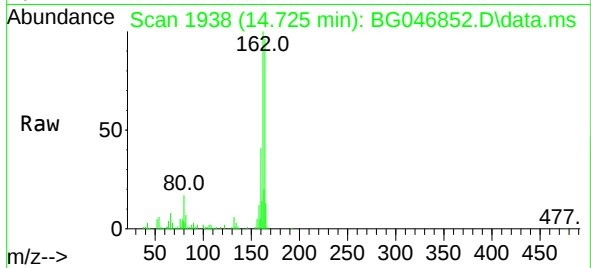




#57
2,4-Dinitrotoluene
Concen: 7.84 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

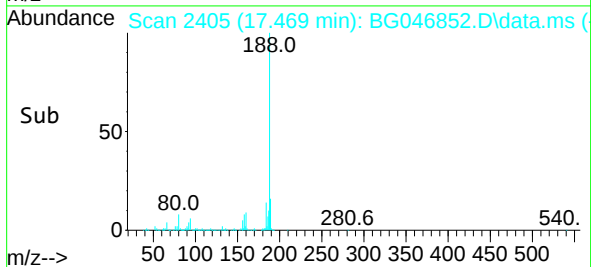
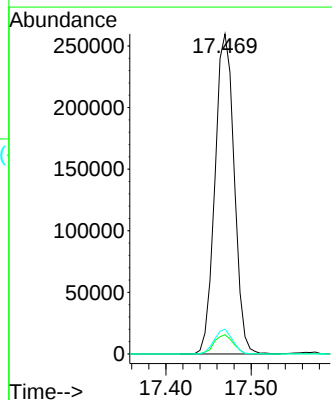
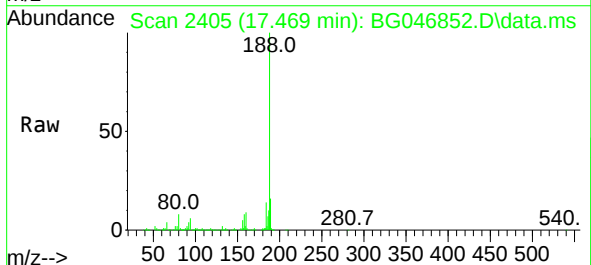
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

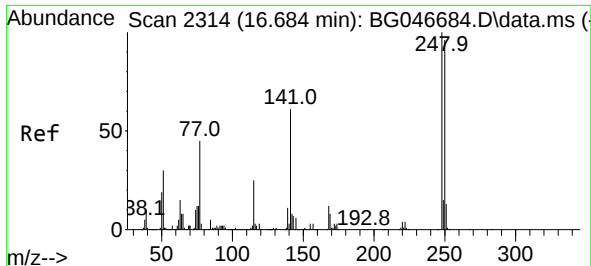
Tgt Ion:165 Resp: 19887
Ion Ratio Lower Upper
165 100
63 3.9 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

Tgt Ion:188 Resp: 407422
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.8 7.0 10.6

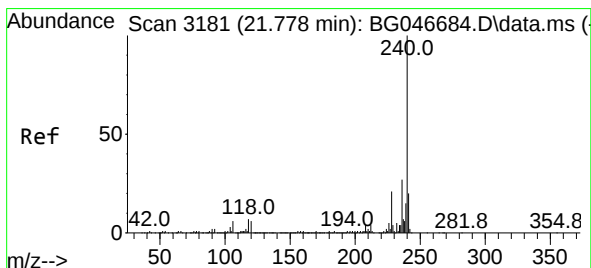
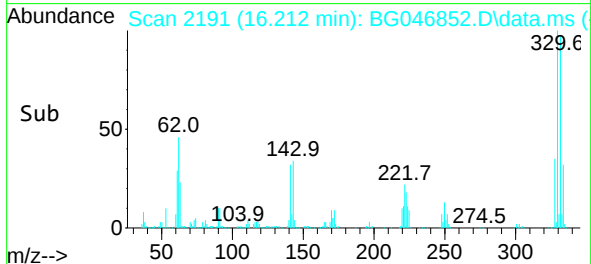
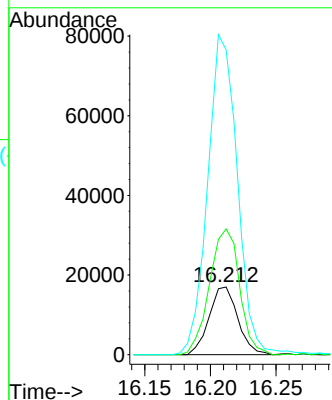
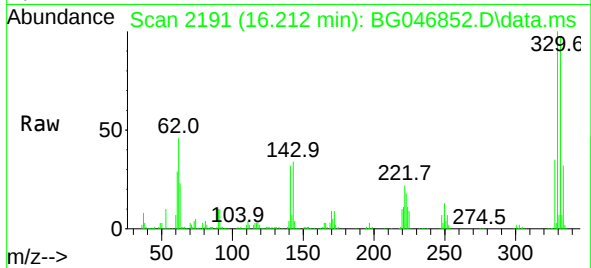




#67
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

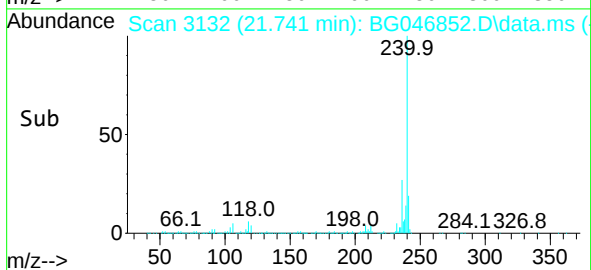
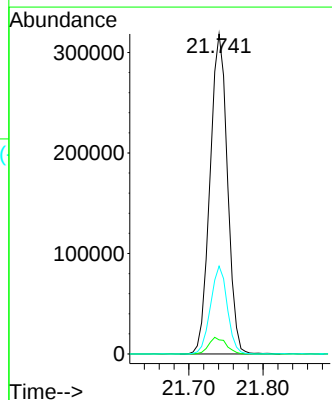
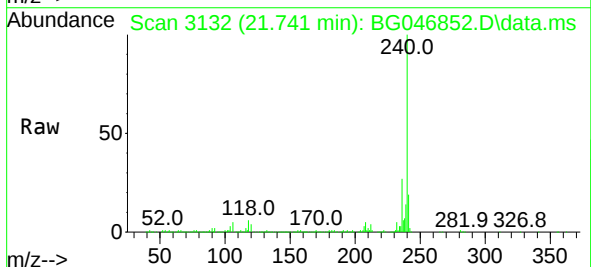
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

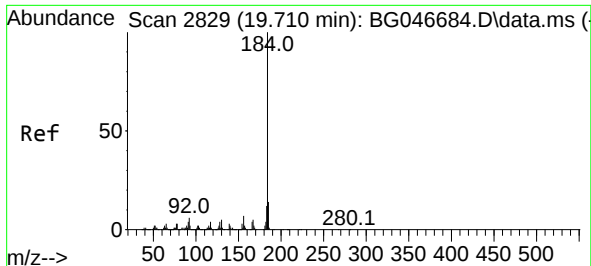
Tgt Ion:248 Resp: 25917
Ion Ratio Lower Upper
248 100
250 181.4 78.9 118.3#
141 332.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.741 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

Tgt Ion:240 Resp: 519921
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 27.4 20.5 30.7

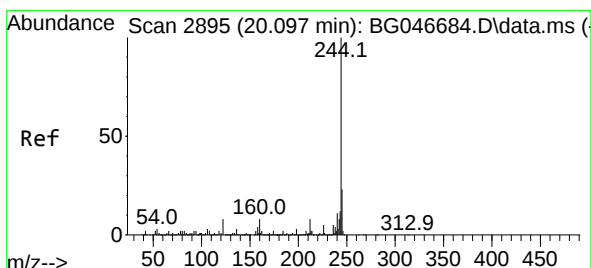
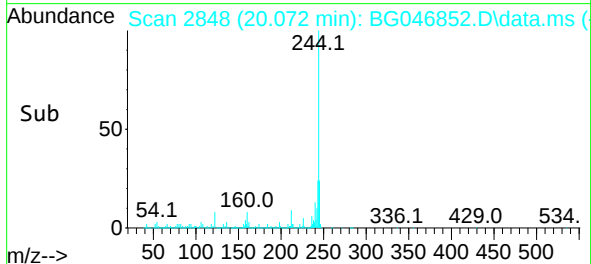
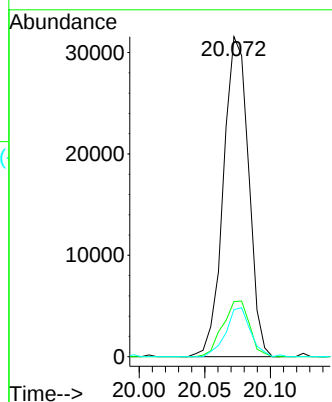
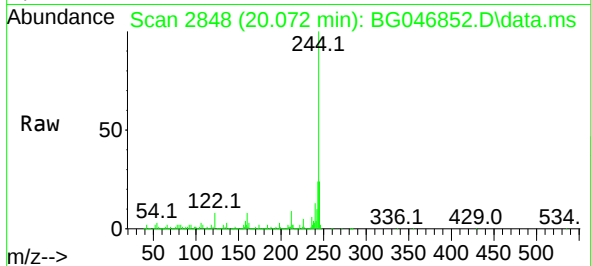




#77
Benzidine
Concen: 2.62 ng
RT: 20.072 min Scan# 2848
Delta R.T. 0.372 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

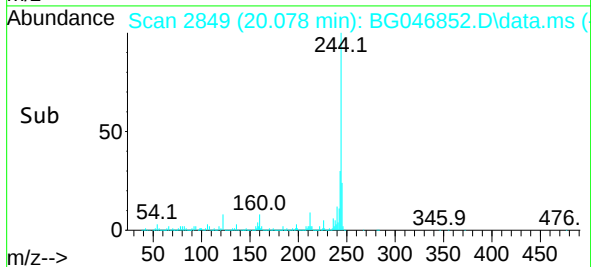
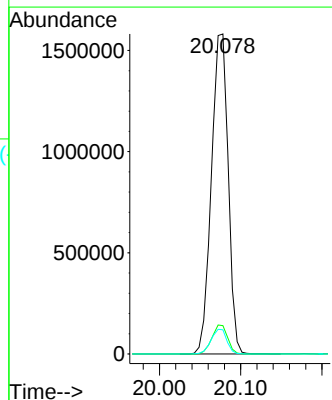
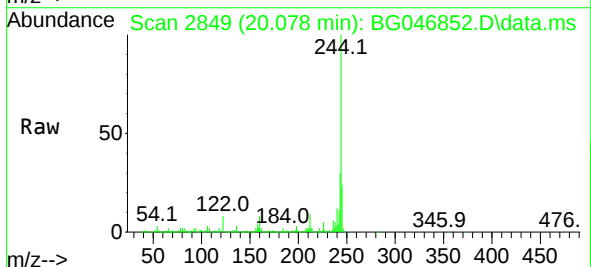
Instrument :
BNA_G
ClientSampleId :
PAV-B13-100620-0-10

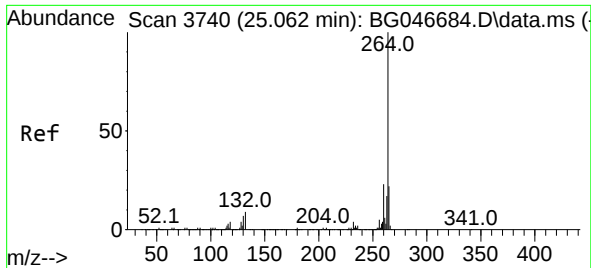
Tgt Ion:184 Resp: 42034
Ion Ratio Lower Upper
184 100
185 17.2 12.4 18.6
183 14.7 10.6 15.8



#79
Terphenyl-d14
Concen: 87.30 ng
RT: 20.078 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG046852.D
Acq: 12 Oct 2020 18:23

Tgt Ion:244 Resp: 2264722
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 7.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.002 min Scan# 3687
 Delta R.T. -0.027 min
 Lab File: BG046852.D
 Acq: 12 Oct 2020 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B13-100620-0-10

Tgt Ion:264 Resp: 491133
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 20.0 17.8 26.8

