

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047295.D
 Acq On : 11 Nov 2020 22:07
 Operator : CG/JU
 Sample : L4680-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B7-110520-0-10

Quant Time: Nov 12 02:10:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

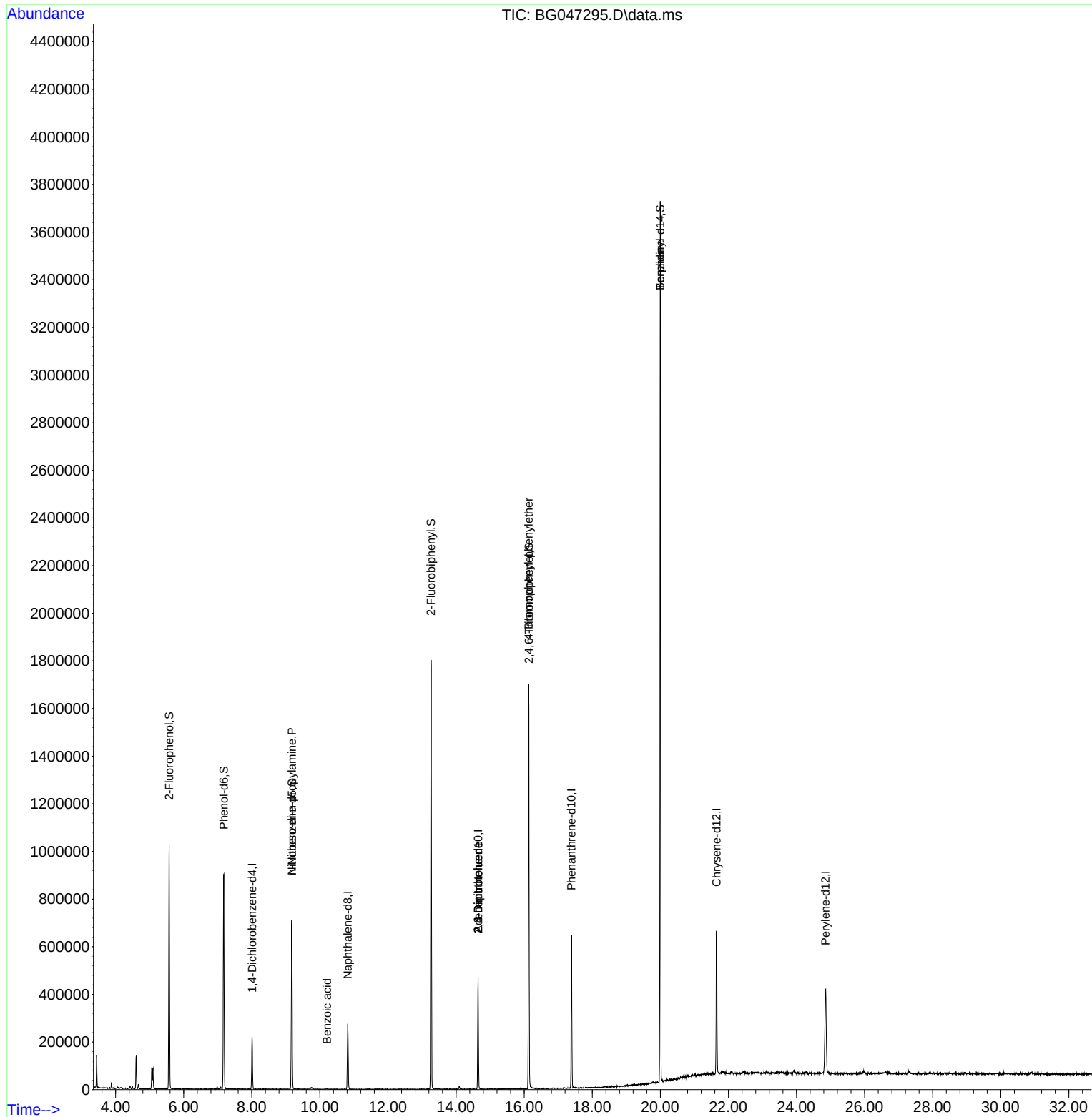
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	57638	20.00	ng	0.00
21) Naphthalene-d8	10.820	136	231707	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	163755	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	399332	20.00	ng	# 0.00
76) Chrysene-d12	21.655	240	395239	20.00	ng	# 0.00
86) Perylene-d12	24.851	264	395923	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	399626	112.39	ng	0.01
7) Phenol-d6	7.177	99	479620	93.18	ng	0.02
23) Nitrobenzene-d5	9.175	82	417884	77.40	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	335176	122.23	ng	0.00
45) 2-Fluorobiphenyl	13.264	172	942256	73.80	ng	0.00
79) Terphenyl-d14	19.998	244	1622963	72.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.175	70	59588	17.62	ng	# 80
32) Benzoic acid	10.209	122	73	4.77	ng	# 1
51) 2,6-Dinitrotoluene	14.645	165	21940	7.31	ng	# 34
57) 2,4-Dinitrotoluene	14.645	165	21940	5.01	ng	# 32
67) 4-Bromophenyl-phenylether	16.132	248	22419	4.02	ng	# 1
77) Benzidine	19.998	184	27727	2.09	ng	95

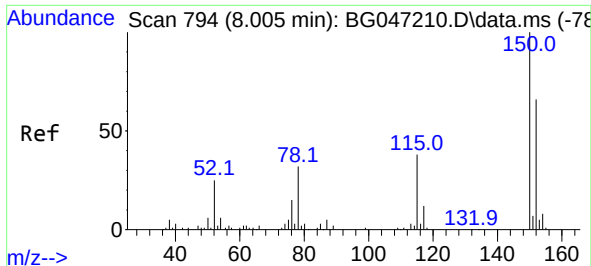
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

Quant Time: Nov 12 02:10:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

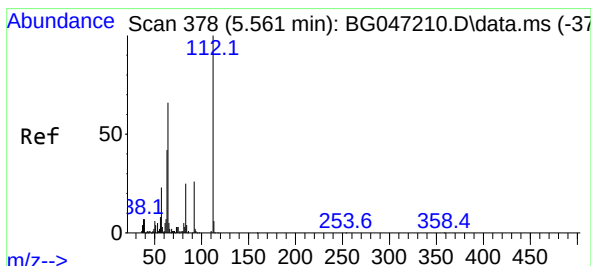
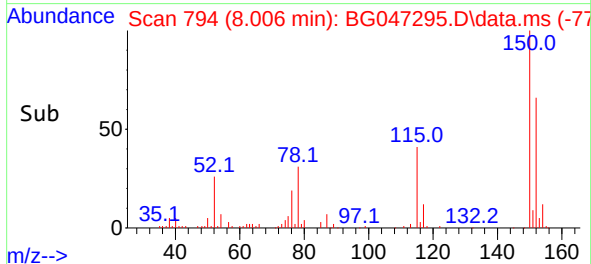
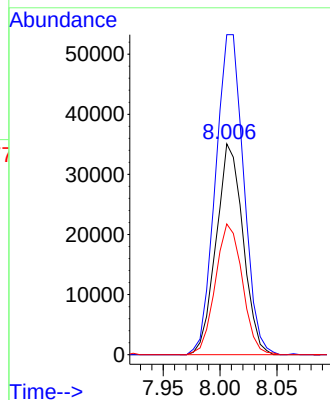
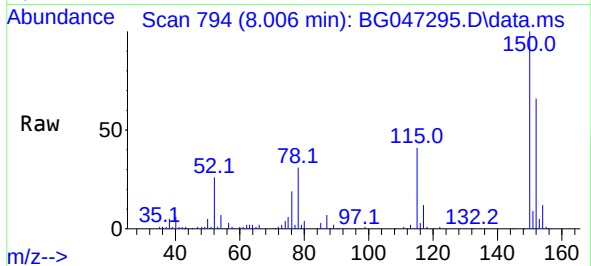




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.006 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

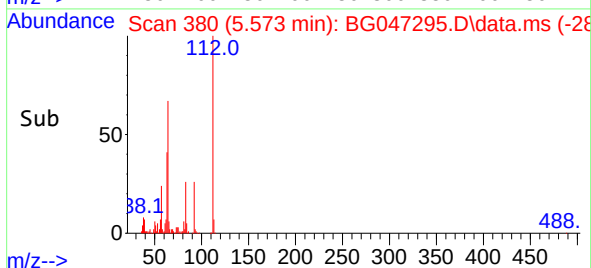
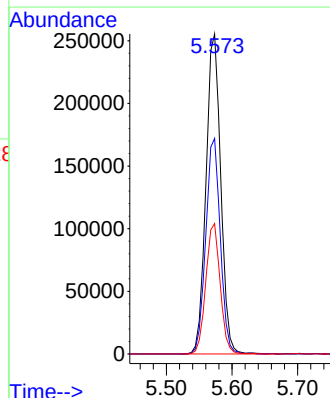
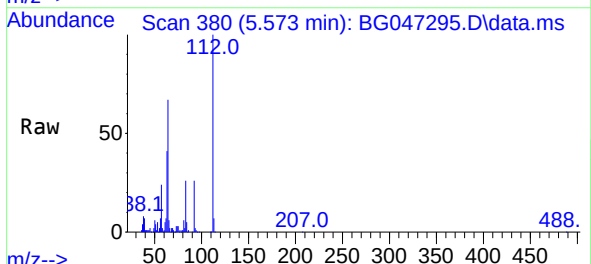
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

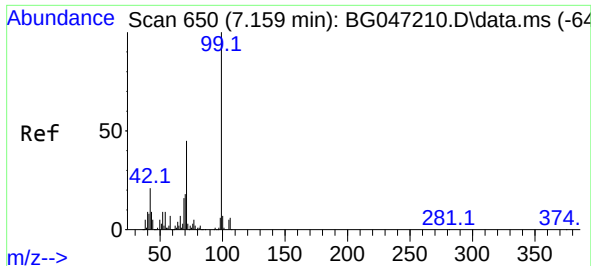
Tgt Ion:152 Resp: 57638
Ion Ratio Lower Upper
152 100
150 151.7 125.0 187.6
115 62.0 41.8 62.6



#5
2-Fluorophenol
Concen: 112.39 ng
RT: 5.573 min Scan# 380
Delta R.T. 0.013 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion:112 Resp: 399626
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 40.7 22.8 34.2#

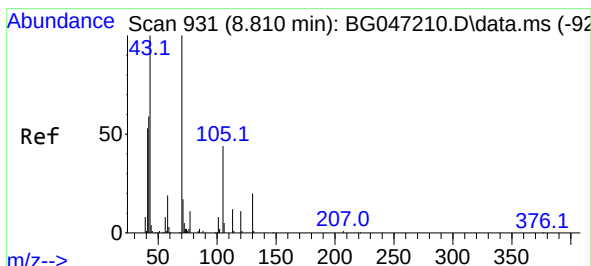
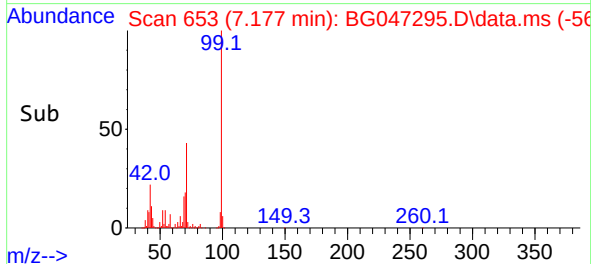
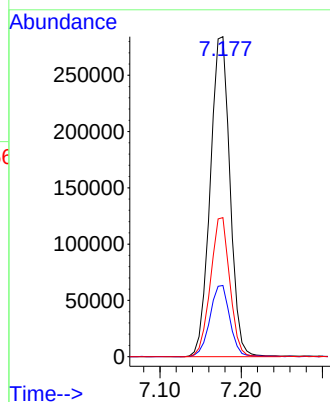
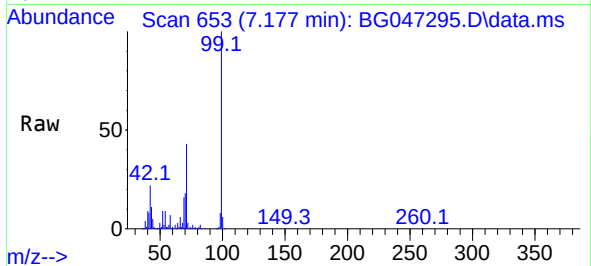




#7
Phenol-d6
Concen: 93.18 ng
RT: 7.177 min Scan# 653
Delta R.T. 0.018 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

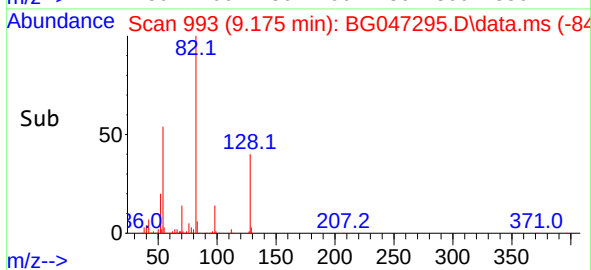
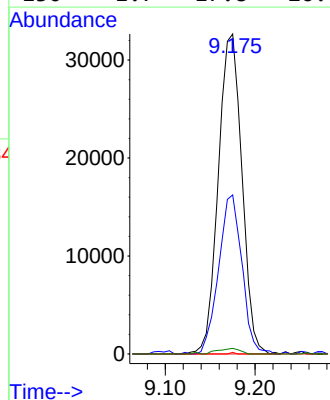
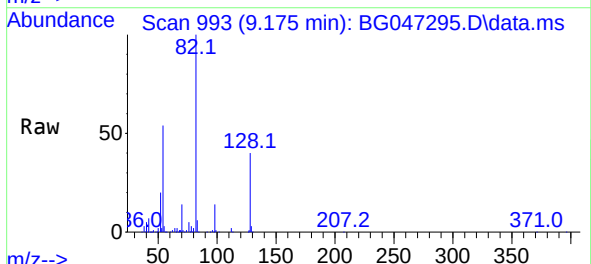
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

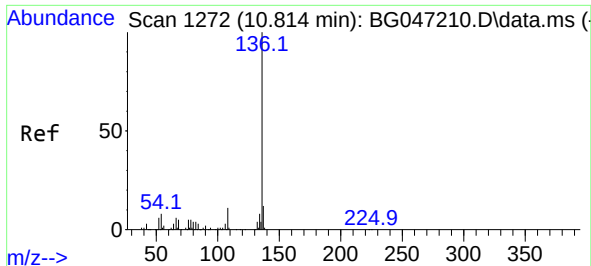
Tgt Ion: 99 Resp: 479620
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 43.4 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.62 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.365 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion: 70 Resp: 59588
Ion Ratio Lower Upper
70 100
42 49.7 45.6 68.4
101 0.5 8.4 12.6#
130 1.7 17.8 26.8#

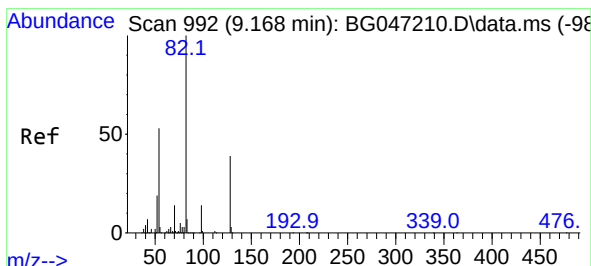
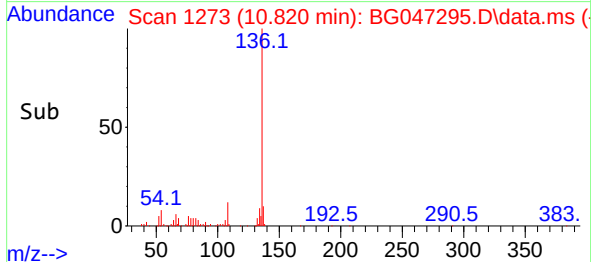
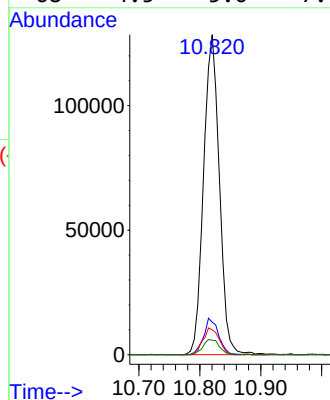
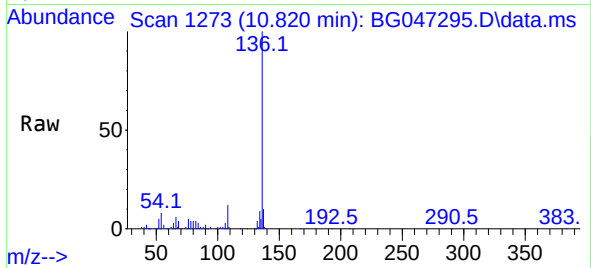




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

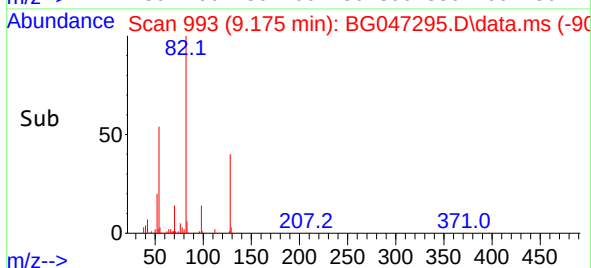
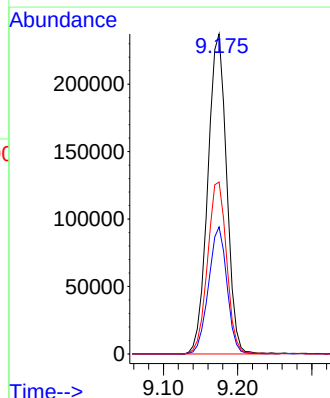
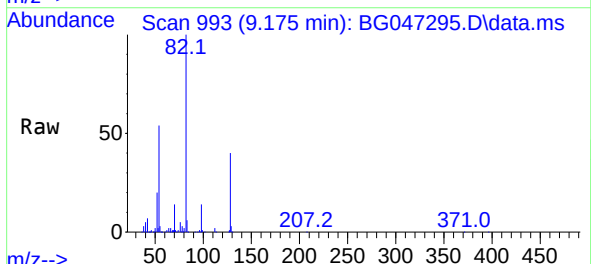
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

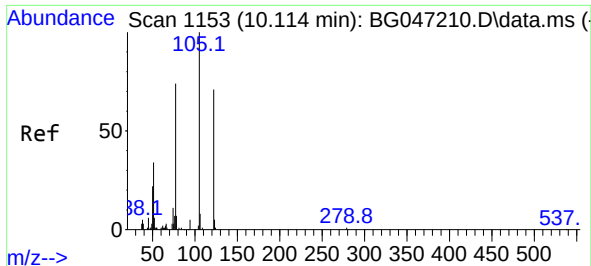
Tgt	Ion:136	Resp:	231707
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	7.8	6.2	9.4
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 77.40 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.007 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion: 82	Resp: 417884
Ion Ratio	Lower Upper
82 100	
128 39.7	37.0 55.6
54 53.8	39.0 58.4

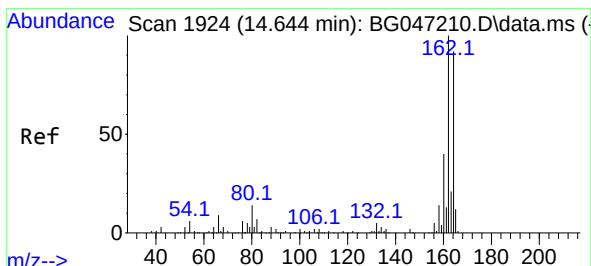
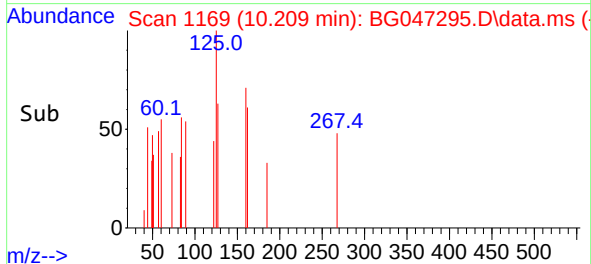
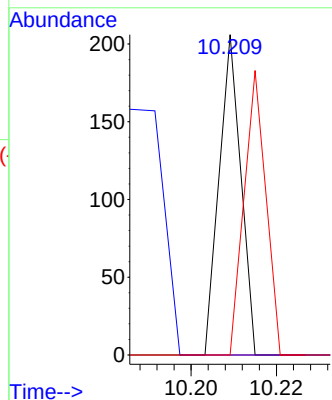
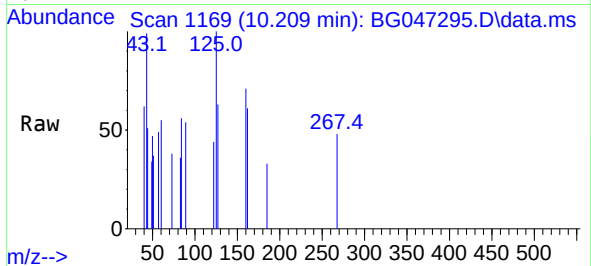




#32
Benzoic acid
Concen: 4.77 ng
RT: 10.209 min Scan# 1169
Delta R.T. 0.095 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

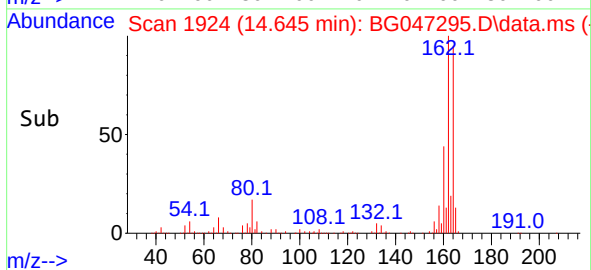
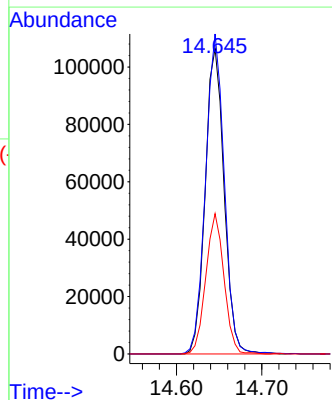
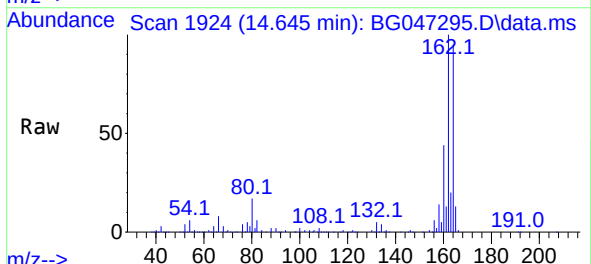
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

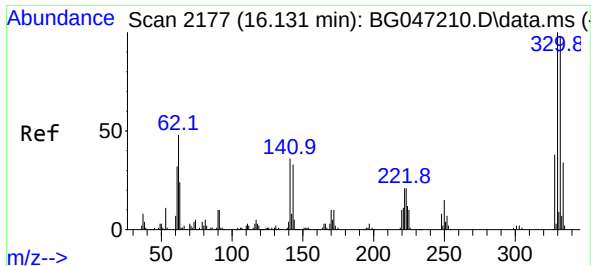
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

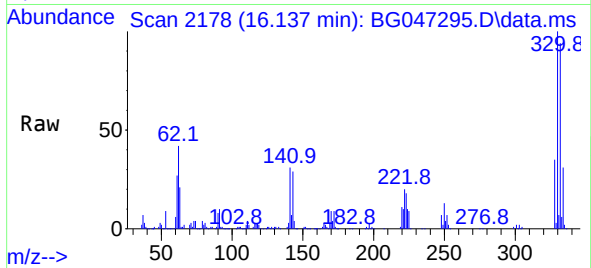
Tgt Ion:164 Resp: 163755
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 45.9 35.3 52.9



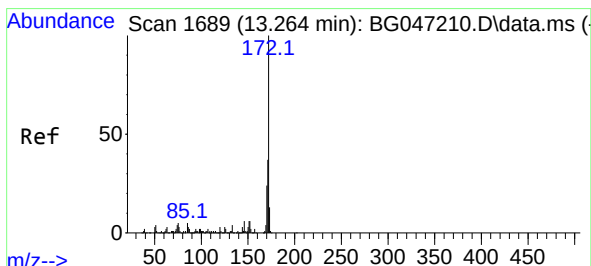
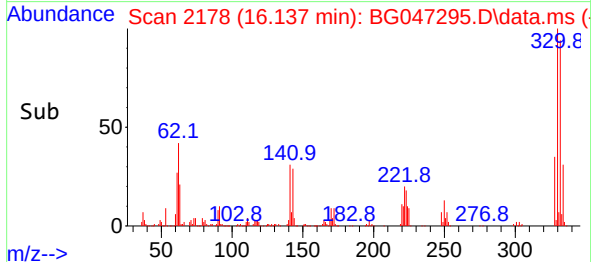
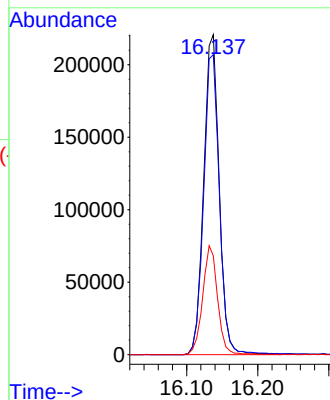


#42
2,4,6-Tribromophenol
Concen: 122.23 ng
RT: 16.137 min Scan# 2178
Delta R.T. 0.007 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

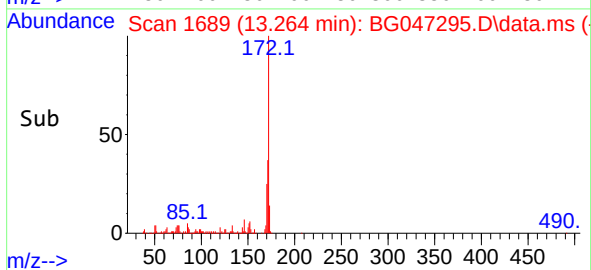
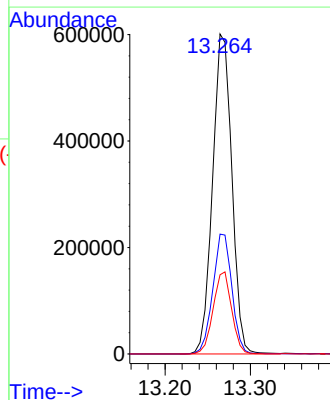
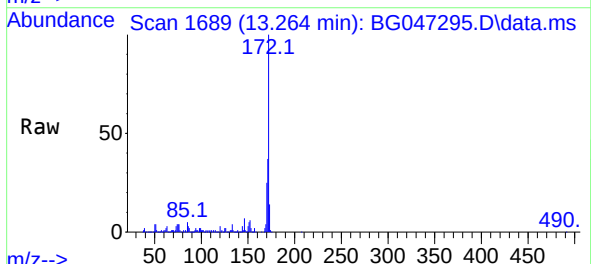


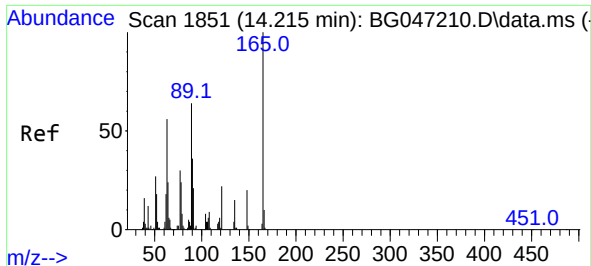
Tgt Ion:330 Resp: 335176
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 32.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 73.80 ng
RT: 13.264 min Scan# 1689
Delta R.T. 0.001 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion:172 Resp: 942256
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.8 20.8 31.2

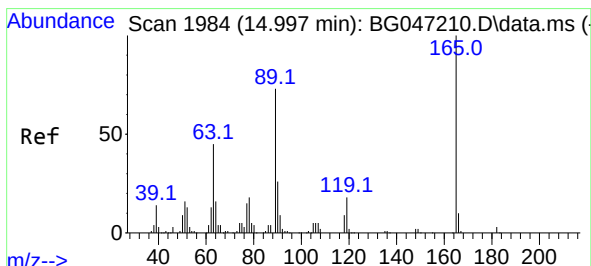
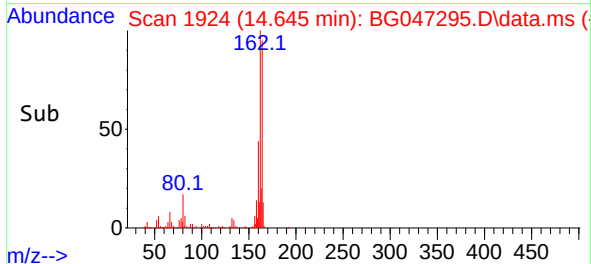
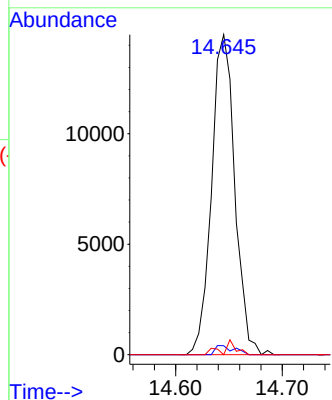
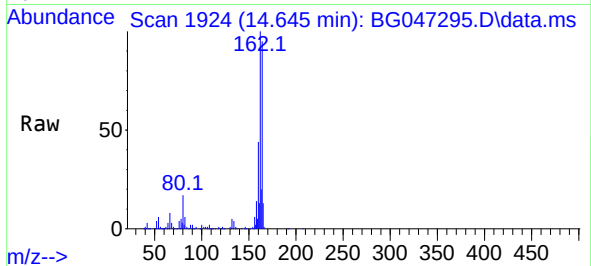




#51
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.430 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

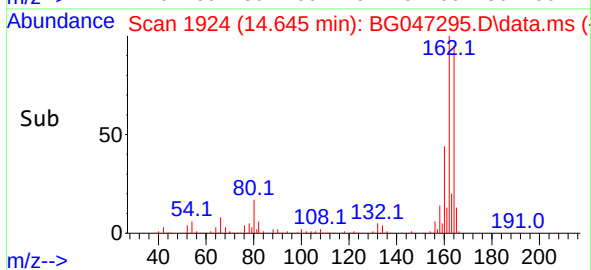
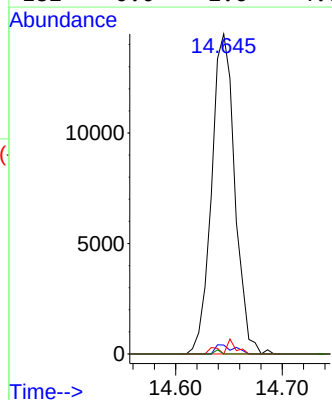
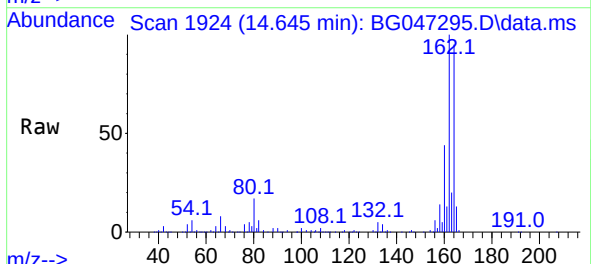
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

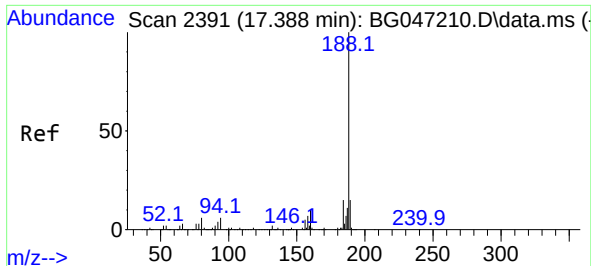
Tgt Ion:165 Resp: 21940
Ion Ratio Lower Upper
165 100
63 2.8 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.01 ng
RT: 14.645 min Scan# 1924
Delta R.T. -0.352 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion:165 Resp: 21940
Ion Ratio Lower Upper
165 100
63 2.8 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

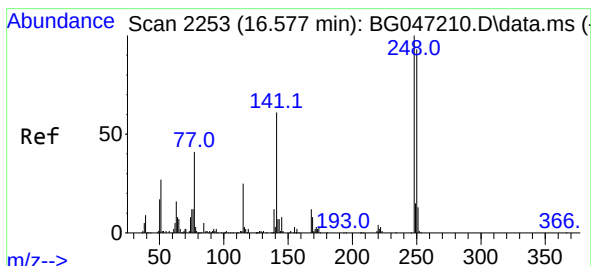
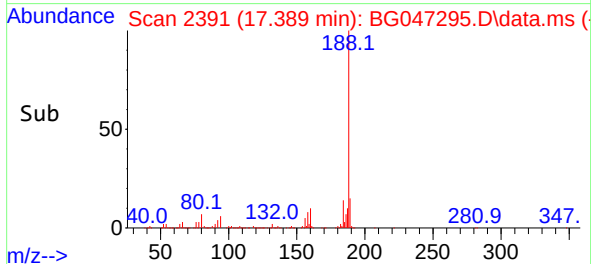
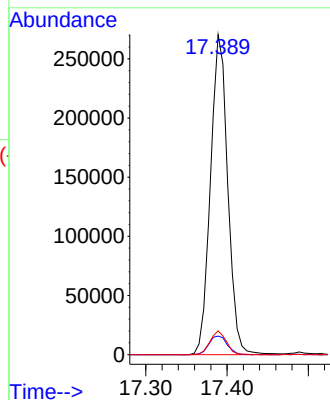
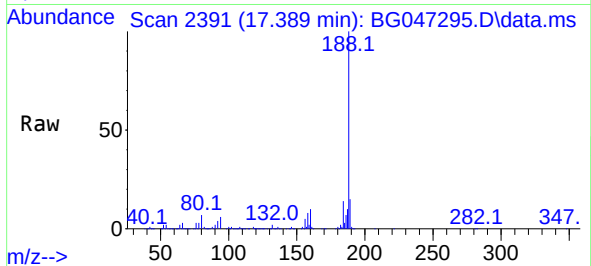




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

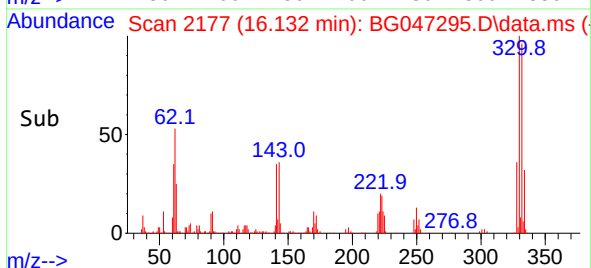
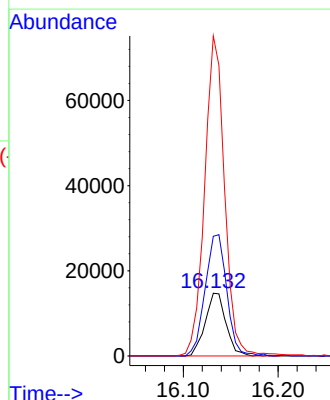
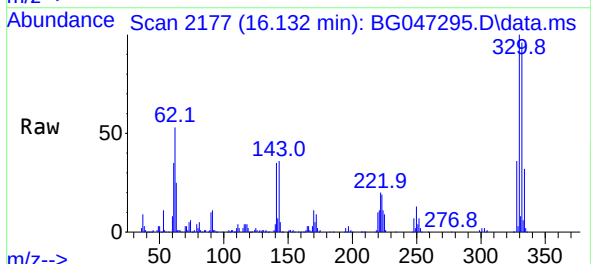
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

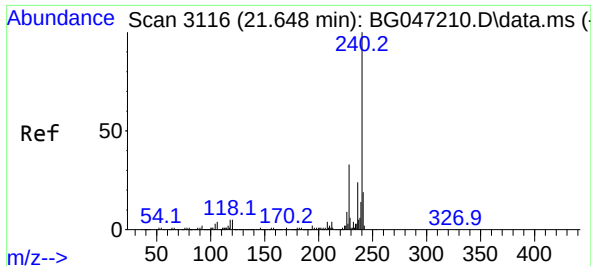
Tgt Ion:188 Resp: 399332
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.5 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 16.132 min Scan# 2177
Delta R.T. -0.446 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion:248 Resp: 22419
Ion Ratio Lower Upper
248 100
250 190.9 78.9 118.3#
141 510.6 46.2 69.4#

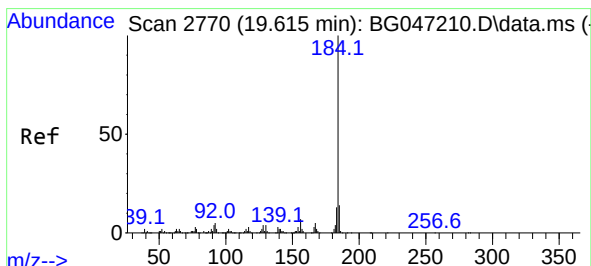
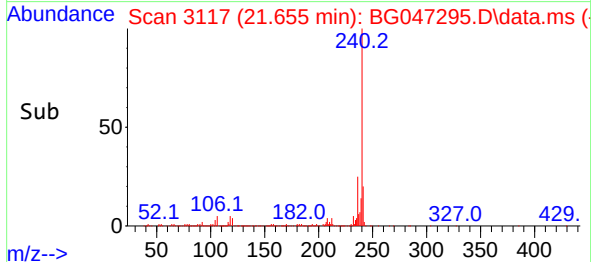
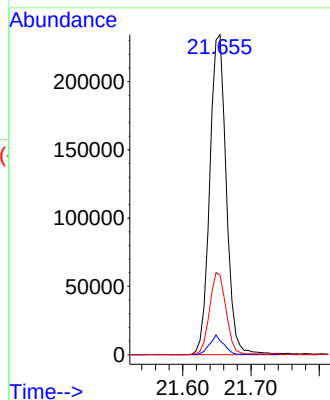
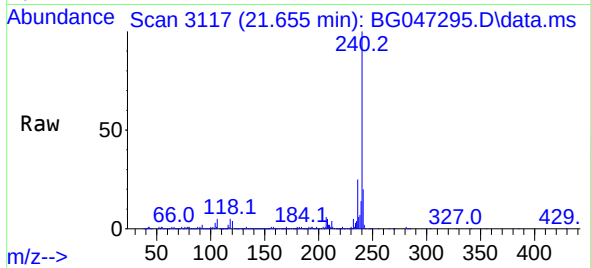




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.655 min Scan# 3117
Delta R.T. 0.007 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

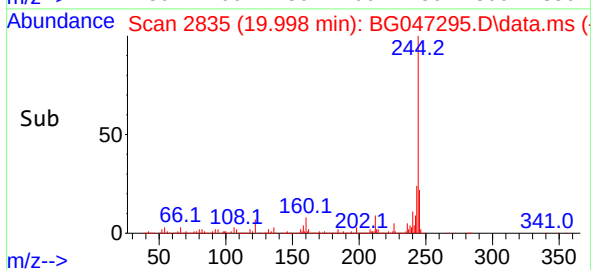
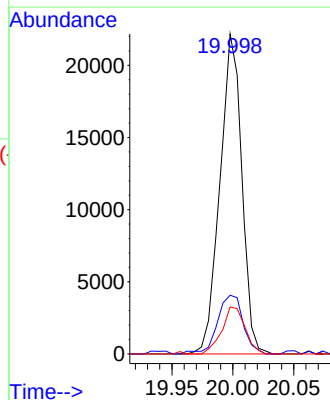
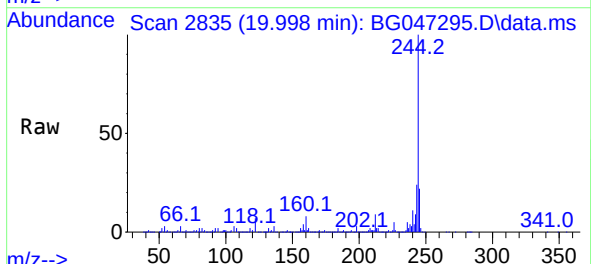
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

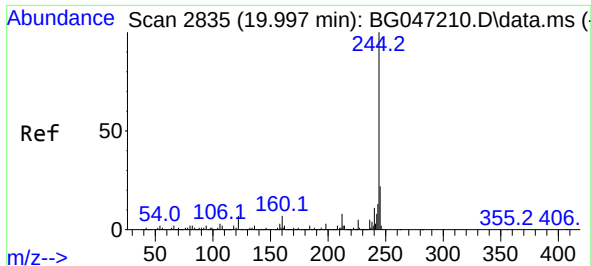
Tgt Ion:240 Resp: 395239
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 24.9 20.5 30.7



#77
Benzidine
Concen: 2.09 ng
RT: 19.998 min Scan# 2835
Delta R.T. 0.383 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion:184 Resp: 27727
Ion Ratio Lower Upper
184 100
185 18.3 12.4 18.6
183 14.7 10.6 15.8

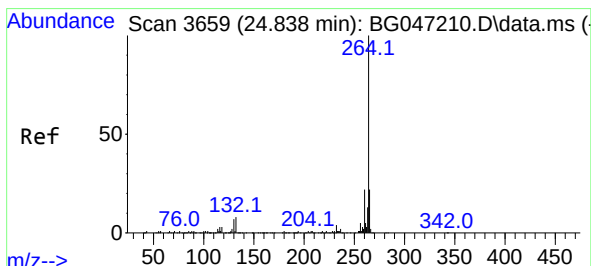
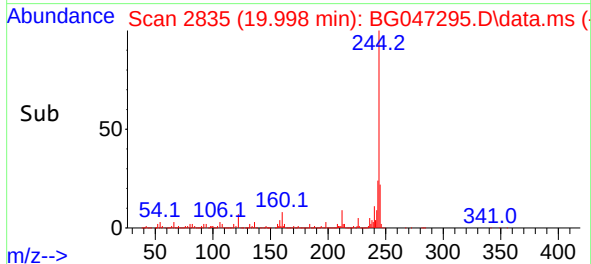
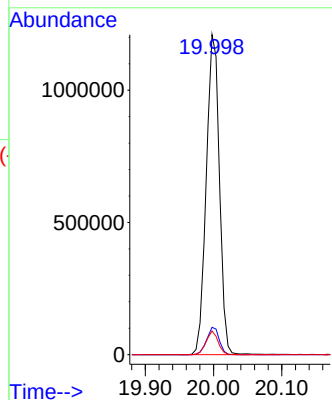
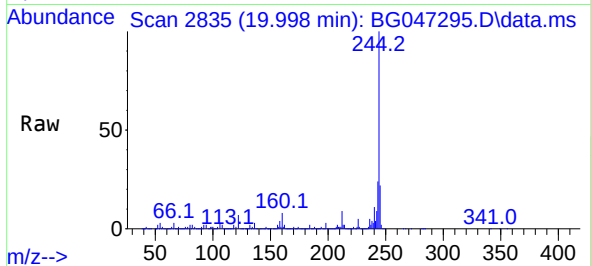




#79
Terphenyl-d14
Concen: 72.21 ng
RT: 19.998 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-0-10

Tgt Ion:244 Resp: 1622963
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 7.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.851 min Scan# 3661
Delta R.T. 0.013 min
Lab File: BG047295.D
Acq: 11 Nov 2020 22:07

Tgt Ion:264 Resp: 395923
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 20.9 17.8 26.8

