

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047291.D
 Acq On : 11 Nov 2020 19:25
 Operator : CG/JU
 Sample : L4622-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B12-0-10

Quant Time: Nov 12 02:09:25 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)

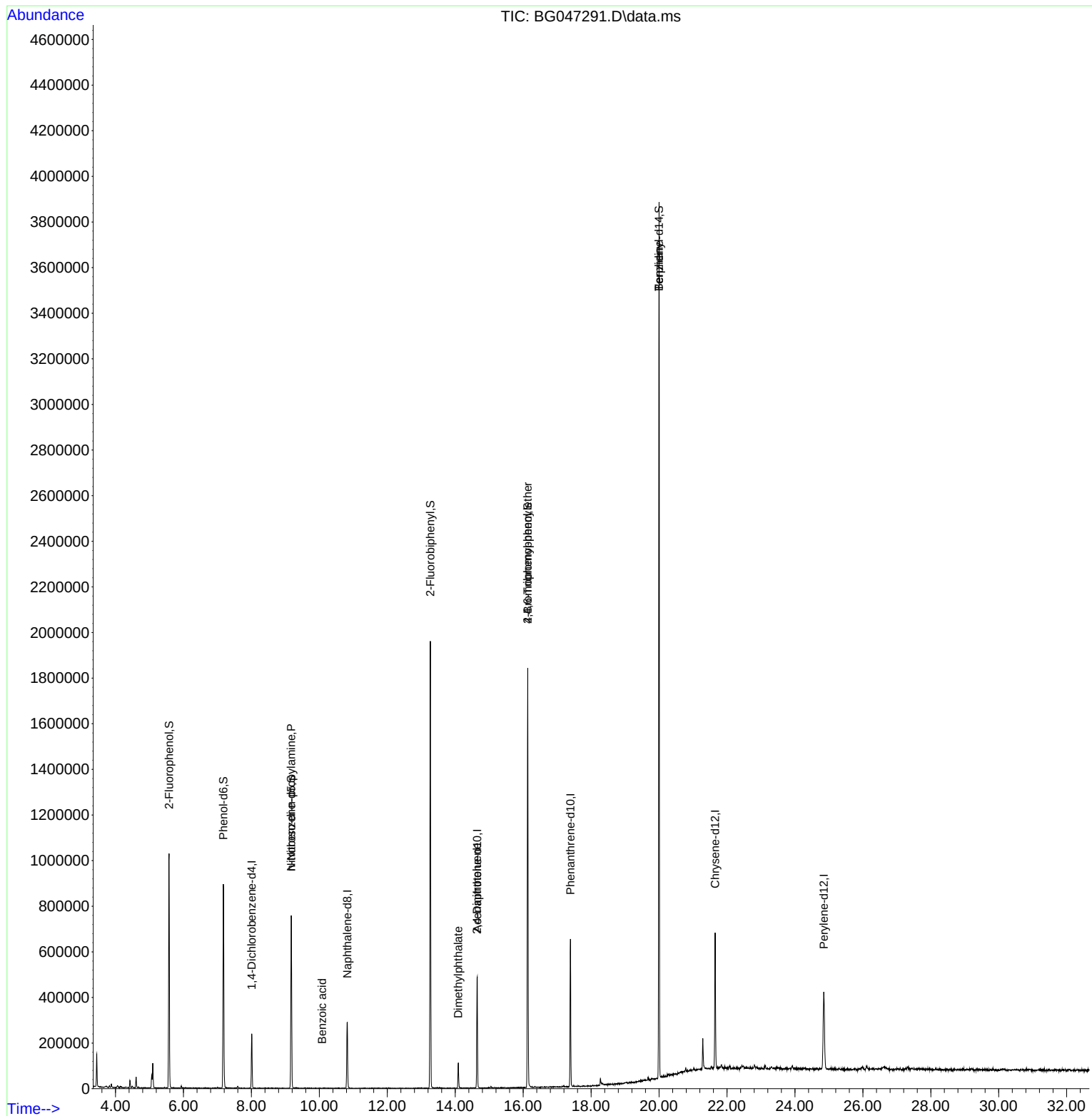
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	63478	20.00	ng	0.00
21) Naphthalene-d8	10.823	136	247512	20.00	ng	# 0.00
39) Acenaphthene-d10	14.648	164	172204	20.00	ng	0.00
64) Phenanthrene-d10	17.392	188	400789	20.00	ng	# 0.00
76) Chrysene-d12	21.652	240	373966	20.00	ng	# 0.00
86) Perylene-d12	24.854	264	374463	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	405179	103.46	ng	0.02
7) Phenol-d6	7.175	99	482662	85.14	ng	0.02
23) Nitrobenzene-d5	9.172	82	450740	78.15	ng	0.00
42) 2,4,6-Tribromophenol	16.135	330	355455	123.27	ng	0.00
45) 2-Fluorobiphenyl	13.267	172	999014	74.41	ng	0.00
79) Terphenyl-d14	20.001	244	1646666	77.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.172	70	65382	17.55	ng	# 78
32) Benzoic acid	10.083	122	167	4.80	ng	# 47
50) Dimethylphthalate	14.090	163	73182	4.81	ng	97
57) 2,4-Dinitrotoluene	14.642	165	23758	5.16	ng	# 32
67) 4-Bromophenyl-phenylether	16.135	248	23581	4.21	ng	# 1
77) Benzidine	20.001	184	29444	2.35	ng	96

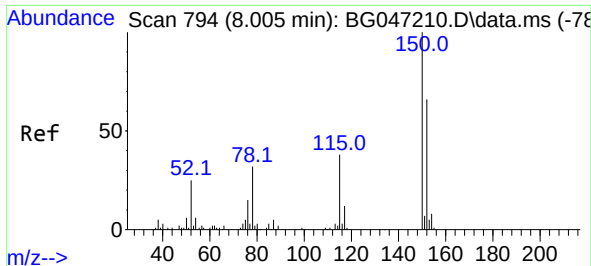
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
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QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

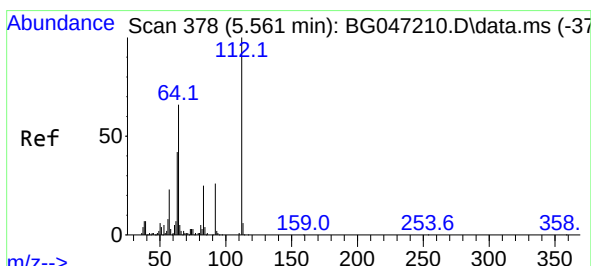
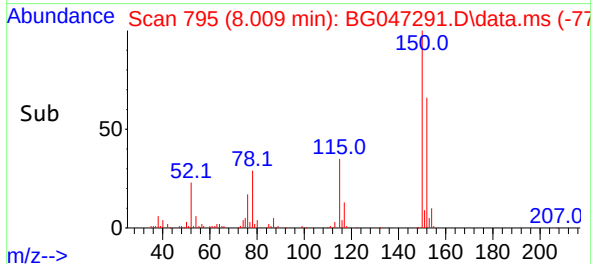
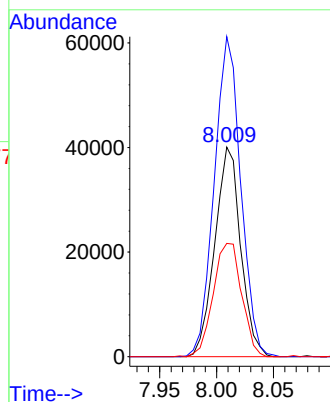
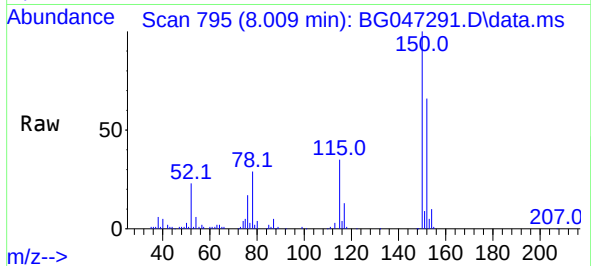




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.009 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

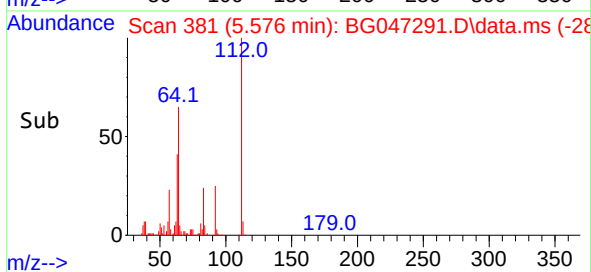
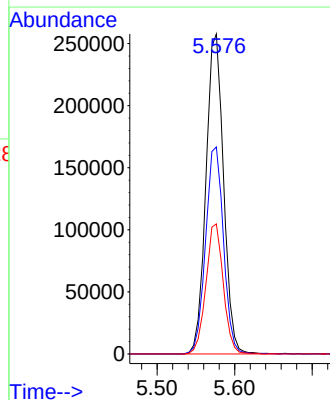
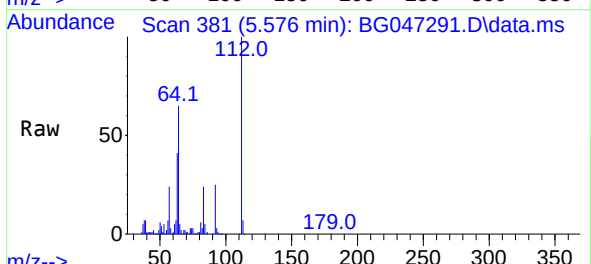
Instrument :
BNA_G
ClientSampleId :
PAV-B12-0-10

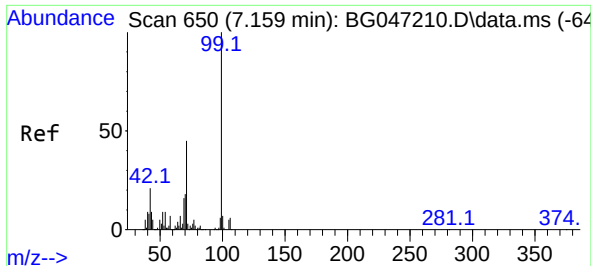
Tgt Ion:152 Resp: 63478
Ion Ratio Lower Upper
152 100
150 152.7 125.0 187.6
115 54.0 41.8 62.6



#5
2-Fluorophenol
Concen: 103.46 ng
RT: 5.576 min Scan# 381
Delta R.T. 0.016 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion:112 Resp: 405179
Ion Ratio Lower Upper
112 100
64 64.7 46.7 70.1
63 40.6 22.8 34.2#

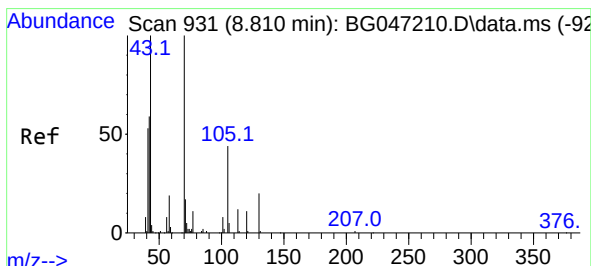
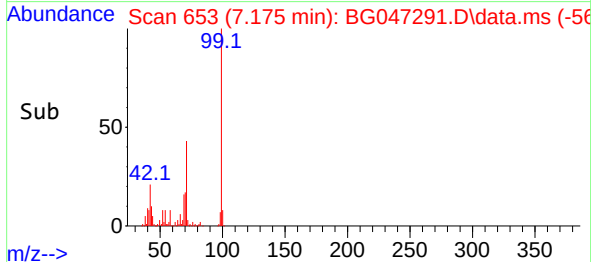
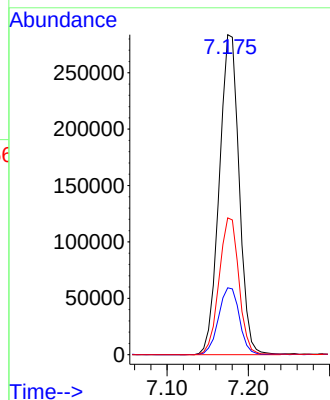
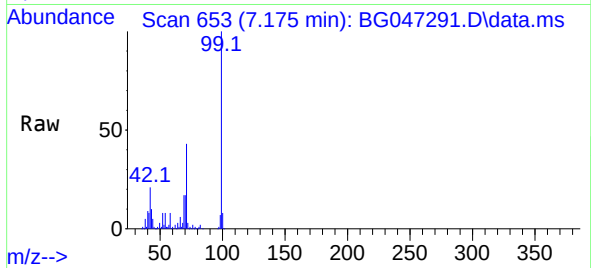




#7
Phenol-d6
Concen: 85.14 ng
RT: 7.175 min Scan# 653
Delta R.T. 0.016 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

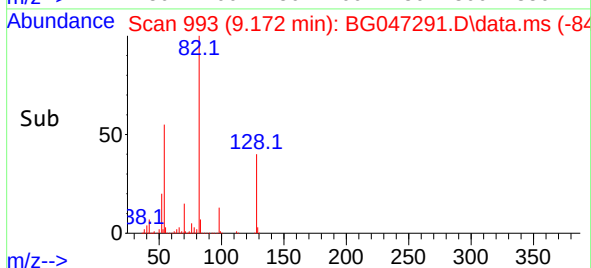
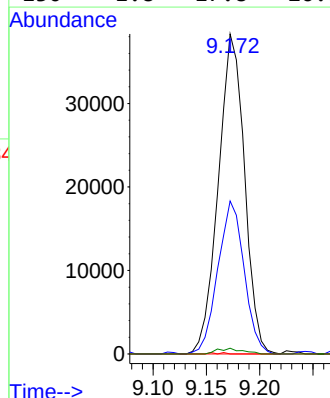
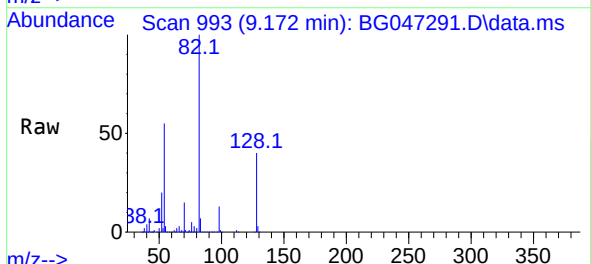
Instrument :
BNA_G
ClientSampleId :
PAV-B12-0-10

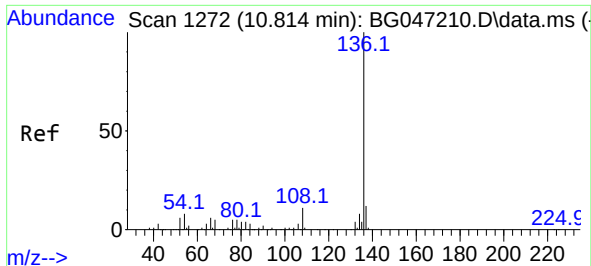
Tgt Ion: 99 Resp: 482662
Ion Ratio Lower Upper
99 100
42 20.9 12.8 19.2#
71 42.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.55 ng
RT: 9.172 min Scan# 993
Delta R.T. 0.362 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion: 70 Resp: 65382
Ion Ratio Lower Upper
70 100
42 47.8 45.6 68.4
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#

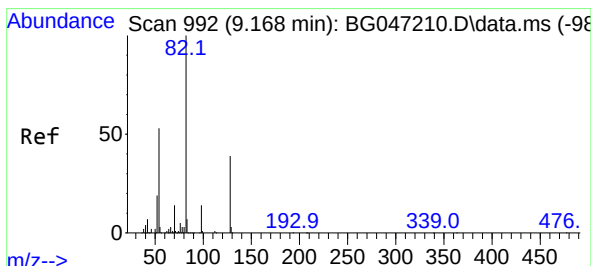
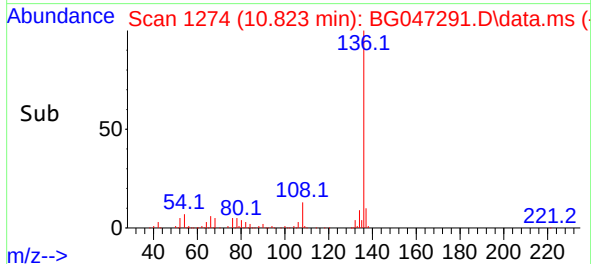
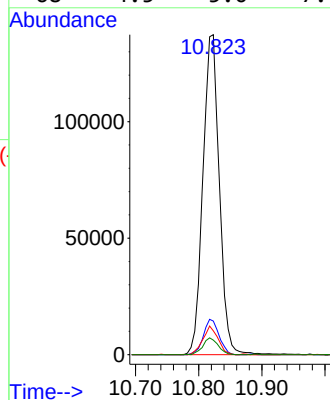
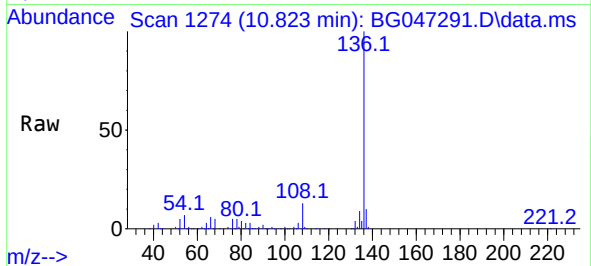




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.823 min Scan# 1274
Delta R.T. 0.009 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

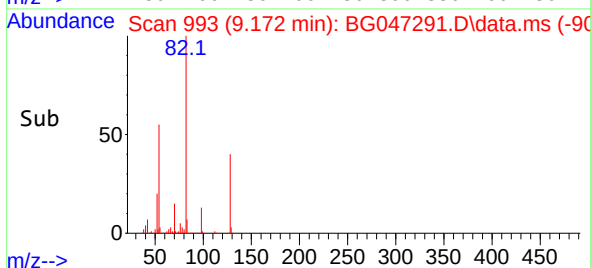
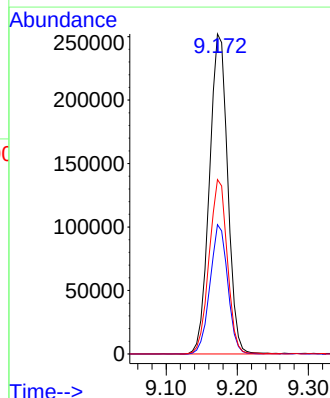
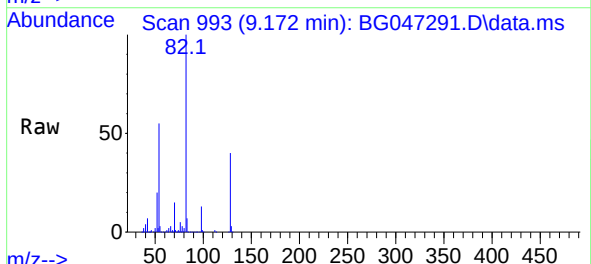
Instrument :
BNA_G
ClientSampleId :
PAV-B12-0-10

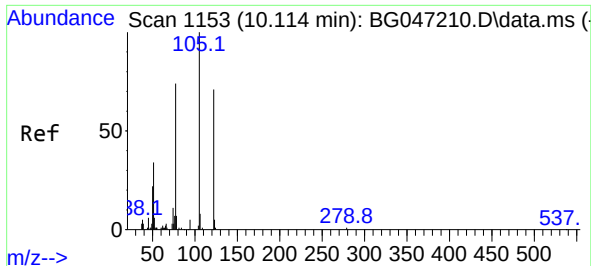
Tgt Ion:	136	Resp:	247512
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.4	6.2	9.4
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 78.15 ng
RT: 9.172 min Scan# 993
Delta R.T. 0.004 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion:	82	Resp:	450740
Ion	Ratio	Lower	Upper
82	100		
128	40.4	37.0	55.6
54	54.5	39.0	58.4

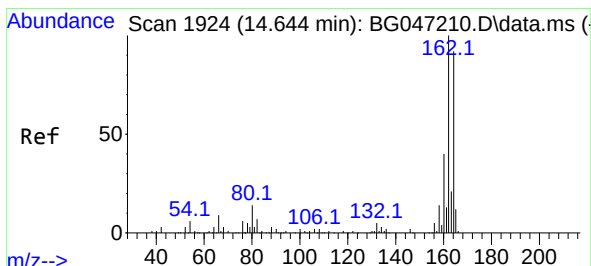
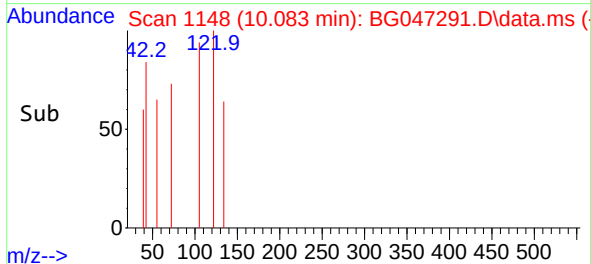
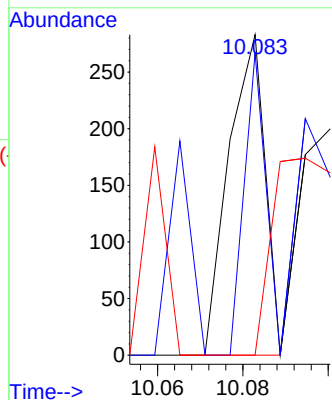
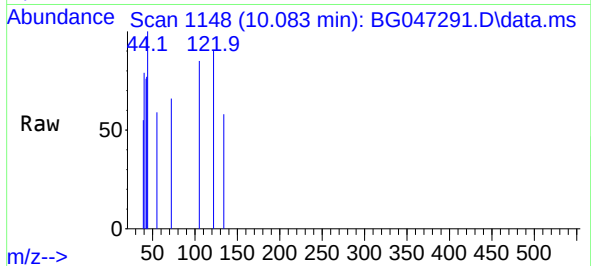




#32
Benzoic acid
Concen: 4.80 ng
RT: 10.083 min Scan# 1148
Delta R.T. -0.031 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

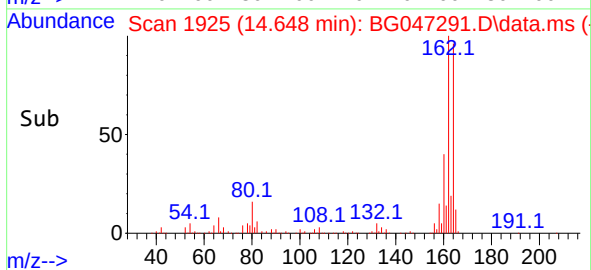
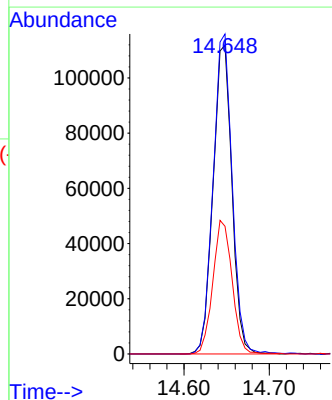
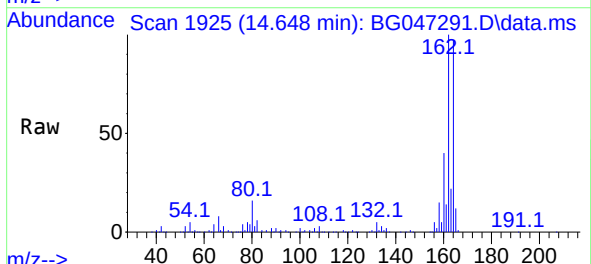
Instrument :
BNA_G
ClientSampleId :
PAV-B12-0-10

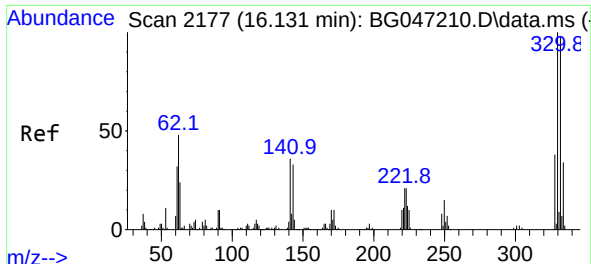
Tgt Ion:122 Resp: 167
Ion Ratio Lower Upper
122 100
105 94.3 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.648 min Scan# 1925
Delta R.T. 0.004 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion:164 Resp: 172204
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 41.3 35.3 52.9

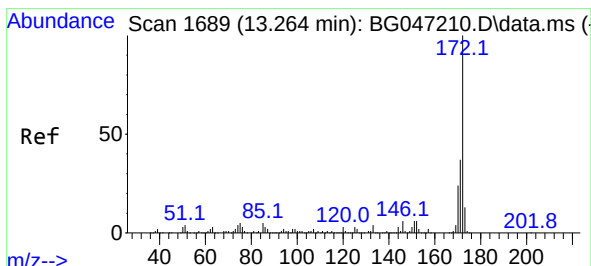
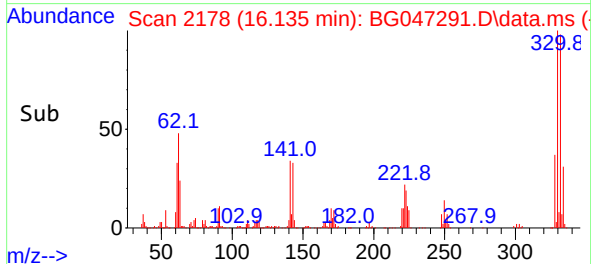
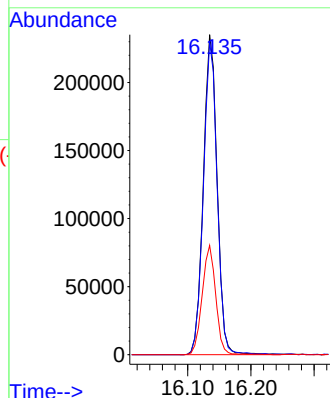
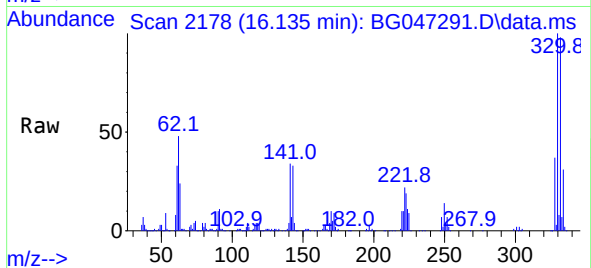




#42
2,4,6-Tribromophenol
Concen: 123.27 ng
RT: 16.135 min Scan# 2178
Delta R.T. 0.004 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

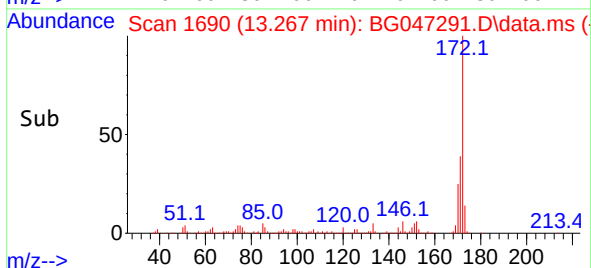
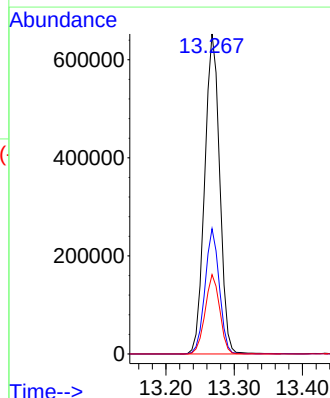
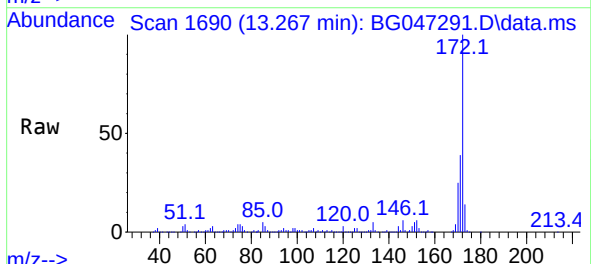
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ClientSampleId :
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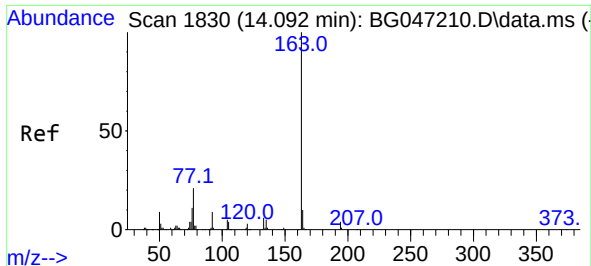
Tgt Ion:330 Resp: 355455
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 33.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 74.41 ng
RT: 13.267 min Scan# 1690
Delta R.T. 0.004 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion:172 Resp: 999014
Ion Ratio Lower Upper
172 100
171 39.1 31.3 46.9
170 24.8 20.8 31.2

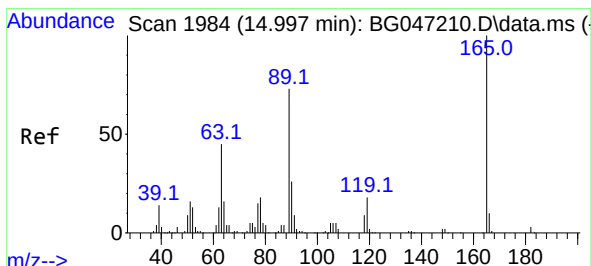
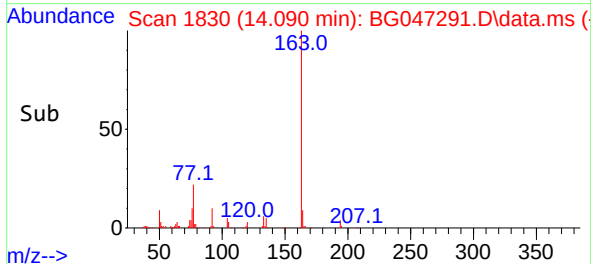
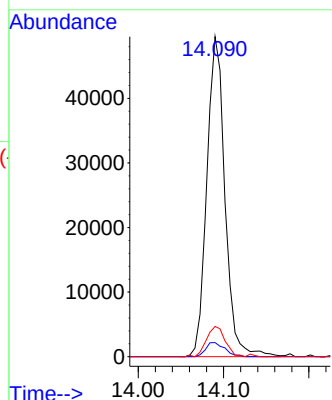
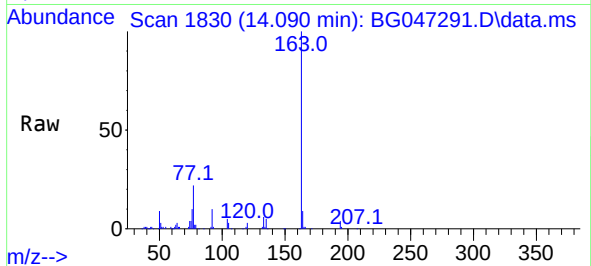




#50
Dimethylphthalate
Concen: 4.81 ng
RT: 14.090 min Scan# 1830
Delta R.T. -0.002 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

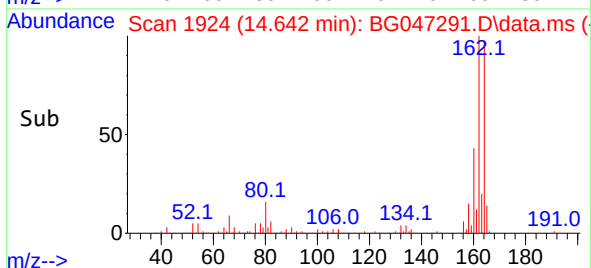
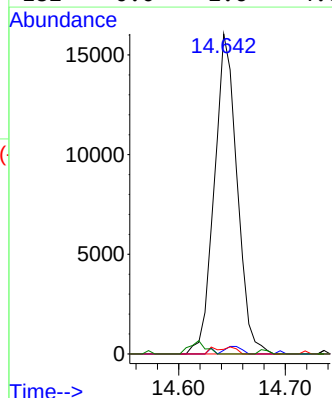
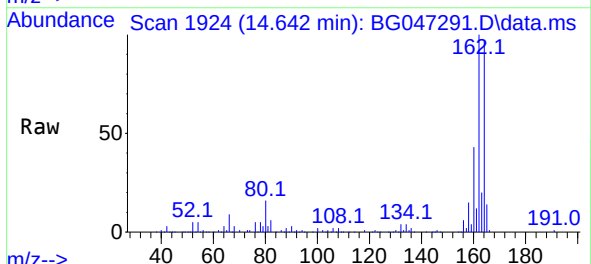
Instrument :
BNA_G
ClientSampleId :
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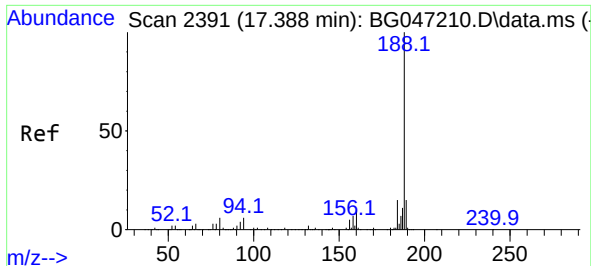
Tgt Ion:163	Resp:	73182
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.8 5.8
164	9.5	8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.355 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion:165	Resp:	23758
Ion Ratio	Lower	Upper
165	100	
63	1.2	26.4 39.6#
89	1.4	47.8 71.8#
182	0.0	2.6 4.0#

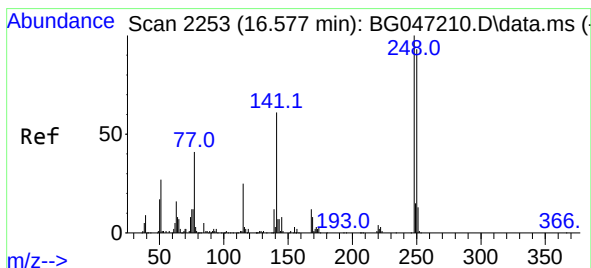
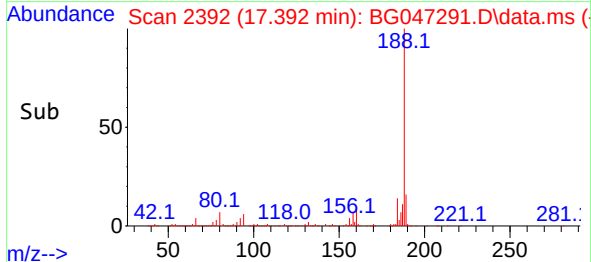
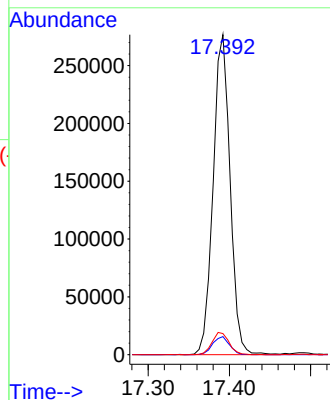
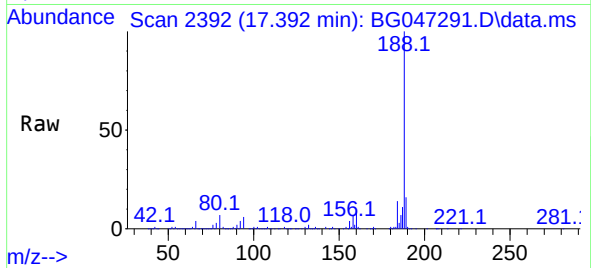




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.392 min Scan# 2392
Delta R.T. 0.004 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

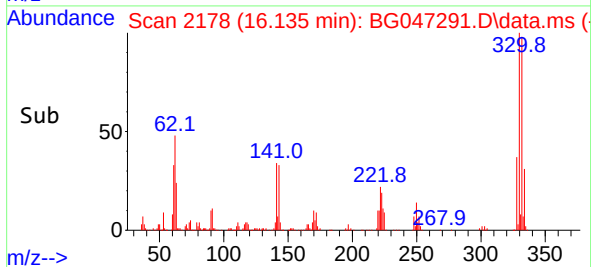
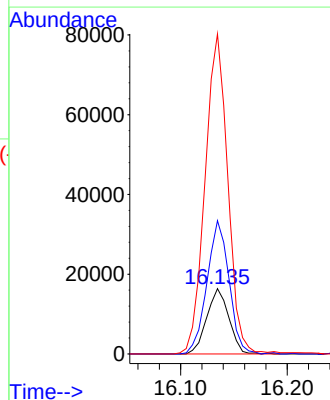
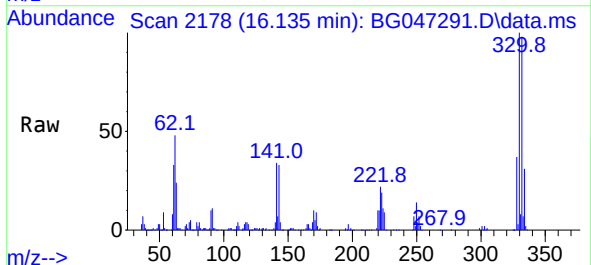
Instrument :
BNA_G
ClientSampleId :
PAV-B12-0-10

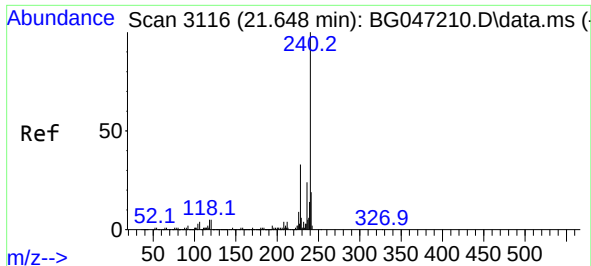
Tgt Ion:188 Resp: 400789
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 16.135 min Scan# 2178
Delta R.T. -0.443 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion:248 Resp: 23581
Ion Ratio Lower Upper
248 100
250 204.1 78.9 118.3#
141 490.3 46.2 69.4#

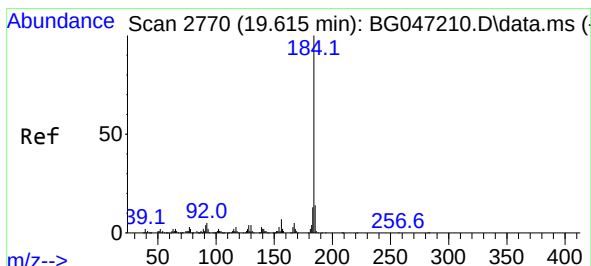
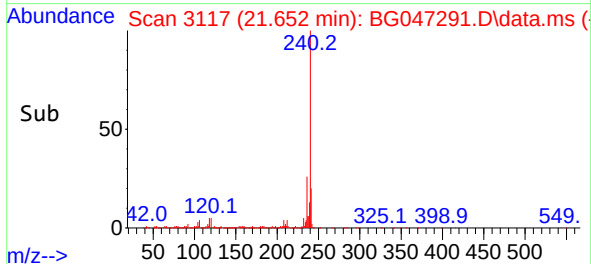
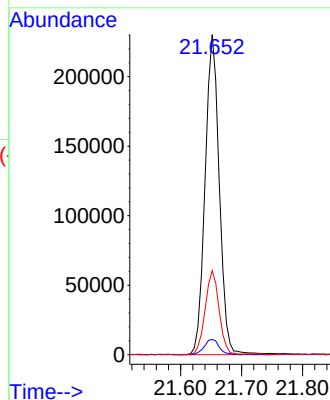
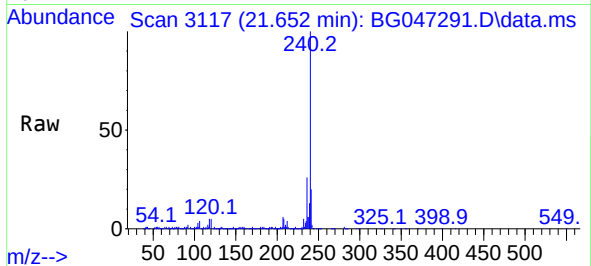




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.652 min Scan# 3117
Delta R.T. 0.004 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

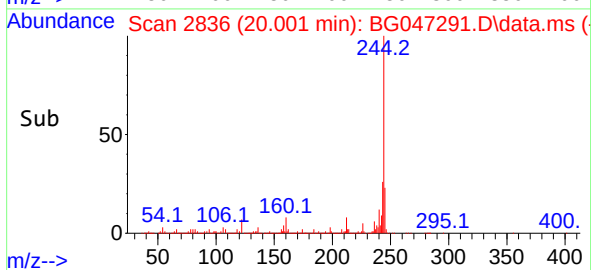
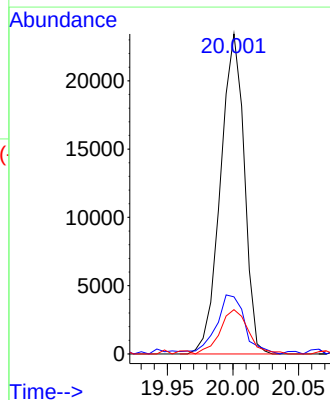
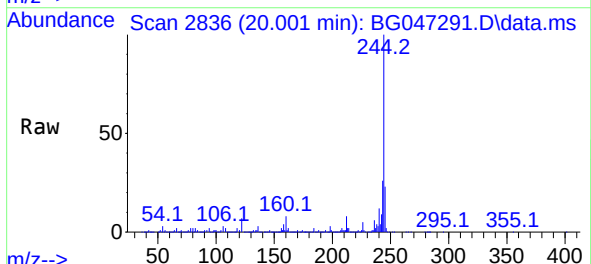
Instrument :
BNA_G
ClientSampleId :
PAV-B12-0-10

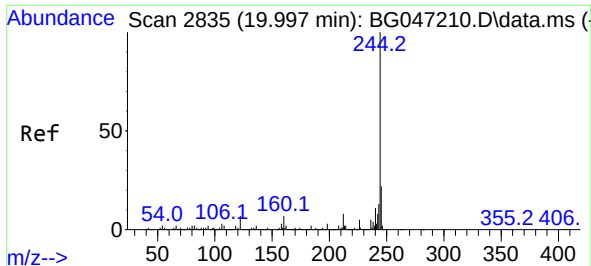
Tgt Ion:240 Resp: 373966
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.2 20.5 30.7



#77
Benzidine
Concen: 2.35 ng
RT: 20.001 min Scan# 2836
Delta R.T. 0.386 min
Lab File: BG047291.D
Acq: 11 Nov 2020 19:25

Tgt Ion:184 Resp: 29444
Ion Ratio Lower Upper
184 100
185 17.9 12.4 18.6
183 13.9 10.6 15.8

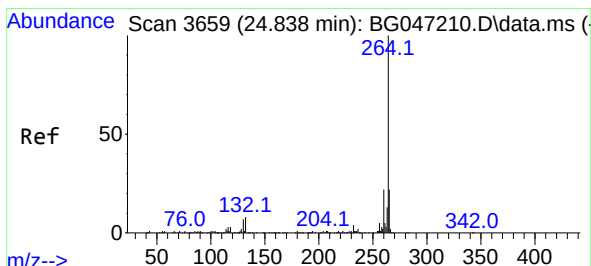
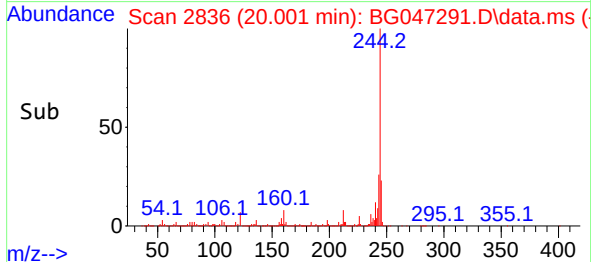
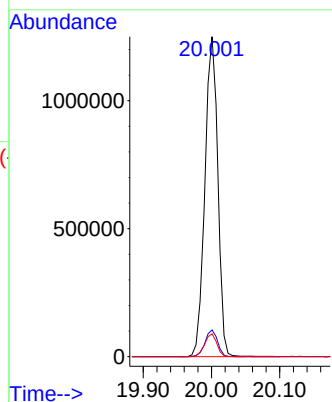
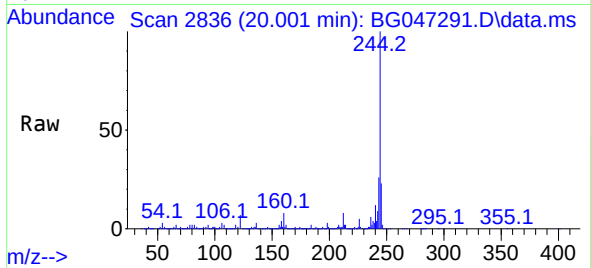




#79
 Terphenyl-d14
 Concen: 77.43 ng
 RT: 20.001 min Scan# 2836
 Delta R.T. 0.004 min
 Lab File: BG047291.D
 Acq: 11 Nov 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B12-0-10

Tgt Ion:244 Resp: 1646666
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 7.1 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.854 min Scan# 3662
 Delta R.T. 0.016 min
 Lab File: BG047291.D
 Acq: 11 Nov 2020 19:25

Tgt Ion:264 Resp: 374463
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.8 28.2
 265 21.0 17.8 26.8

