

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047296.D
 Acq On : 11 Nov 2020 22:48
 Operator : CG/JU
 Sample : L4680-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B7-110520-DP

Quant Time: Nov 12 02:10:09 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)

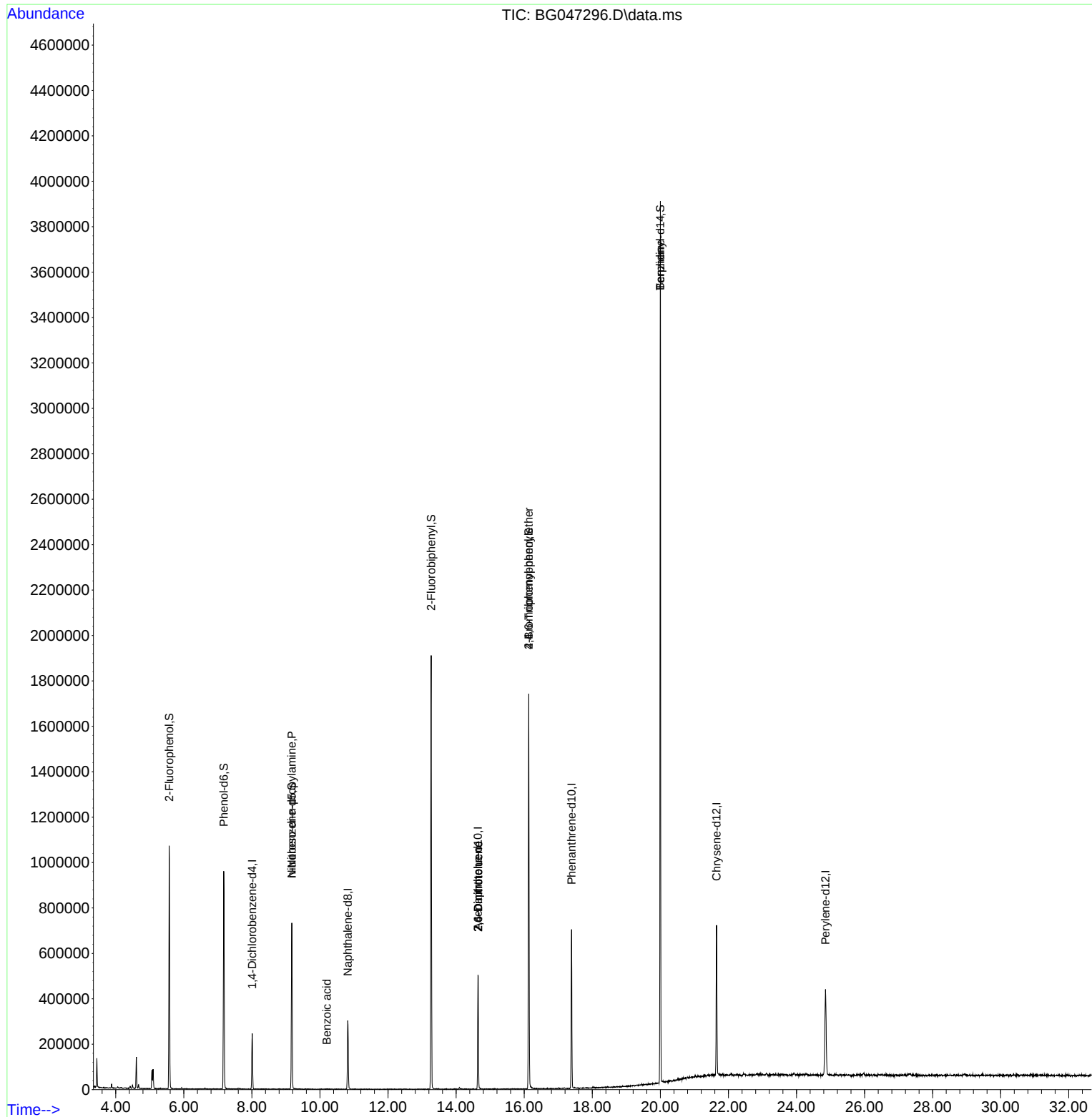
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	64346	20.00	ng	0.00
21) Naphthalene-d8	10.817	136	252934	20.00	ng	# 0.00
39) Acenaphthene-d10	14.642	164	180329	20.00	ng	0.00
64) Phenanthrene-d10	17.392	188	432563	20.00	ng	# 0.00
76) Chrysene-d12	21.652	240	415643	20.00	ng	# 0.00
86) Perylene-d12	24.854	264	414834	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	414110	104.32	ng	0.00
7) Phenol-d6	7.174	99	502732	87.49	ng	0.02
23) Nitrobenzene-d5	9.172	82	428612	72.72	ng	0.00
42) 2,4,6-Tribromophenol	16.134	330	344309	114.02	ng	0.00
45) 2-Fluorobiphenyl	13.267	172	988996	70.34	ng	0.00
79) Terphenyl-d14	20.001	244	1640104	69.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.172	70	62455	16.54	ng	# 81
32) Benzoic acid	10.200	122	75	4.77	ng	# 1
51) 2,6-Dinitrotoluene	14.648	165	23588	7.14	ng	# 34
57) 2,4-Dinitrotoluene	14.648	165	23588	4.89	ng	# 32
67) 4-Bromophenyl-phenylether	16.134	248	22716	3.76	ng	# 1
77) Benzidine	20.001	184	28608	2.05	ng	# 94

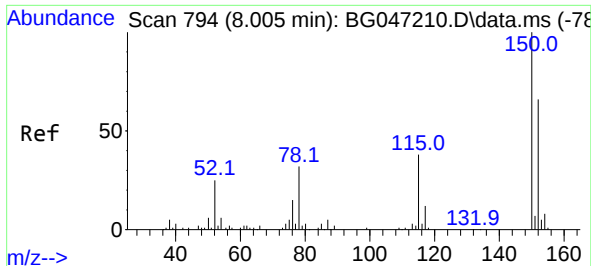
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047296.D
Acq On : 11 Nov 2020 22:48
Operator : CG/JU
Sample : L4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

Quant Time: Nov 12 02:10:09 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

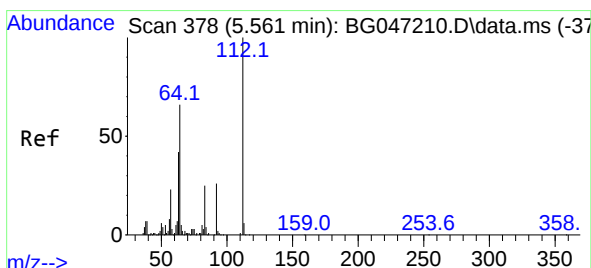
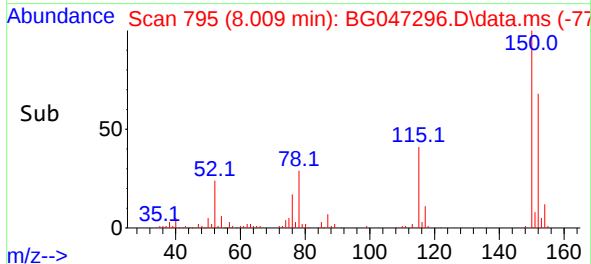
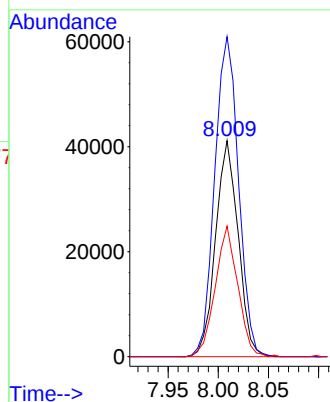
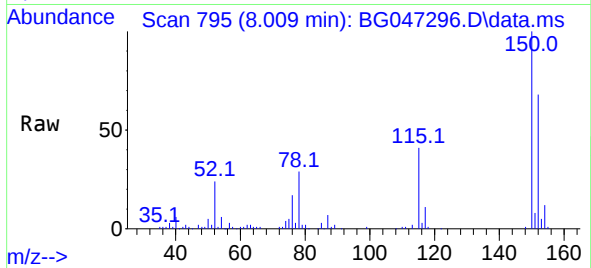




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.009 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

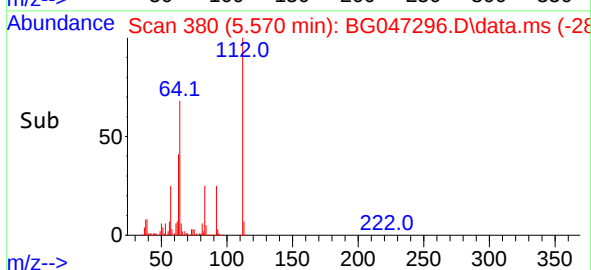
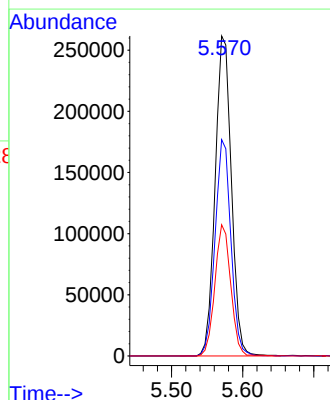
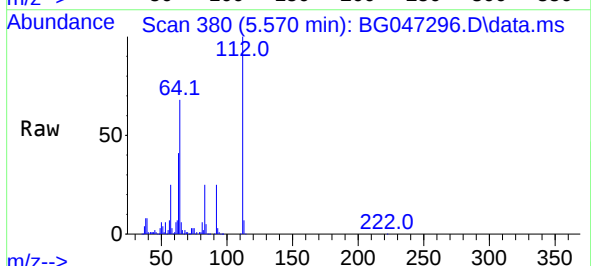
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

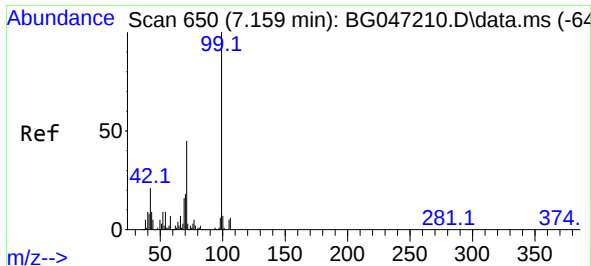
Tgt Ion:152 Resp: 64346
Ion Ratio Lower Upper
152 100
150 148.1 125.0 187.6
115 60.4 41.8 62.6



#5
2-Fluorophenol
Concen: 104.32 ng
RT: 5.570 min Scan# 380
Delta R.T. 0.010 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

Tgt Ion:112 Resp: 414110
Ion Ratio Lower Upper
112 100
64 67.6 46.7 70.1
63 41.0 22.8 34.2#

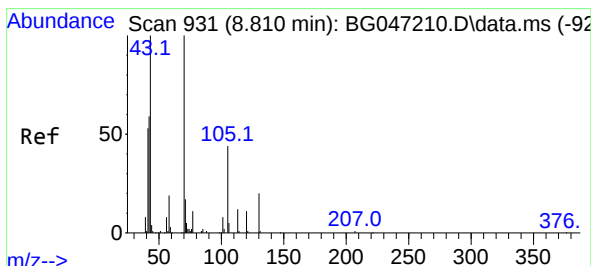
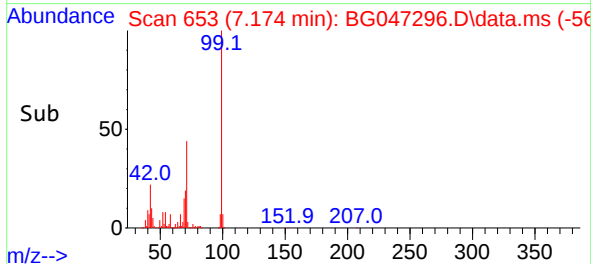
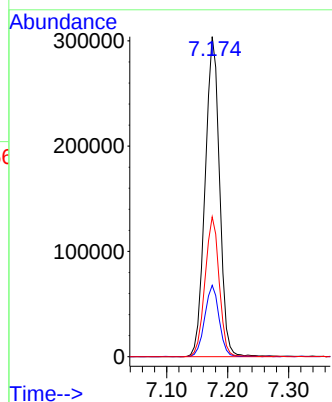
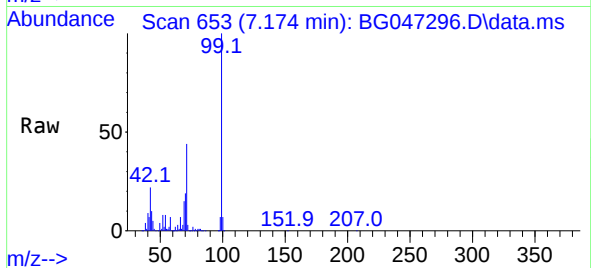




#7
Phenol-d6
Concen: 87.49 ng
RT: 7.174 min Scan# 653
Delta R.T. 0.015 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

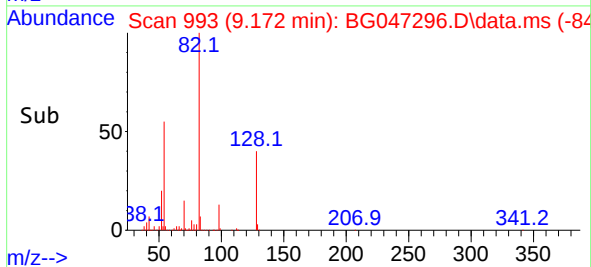
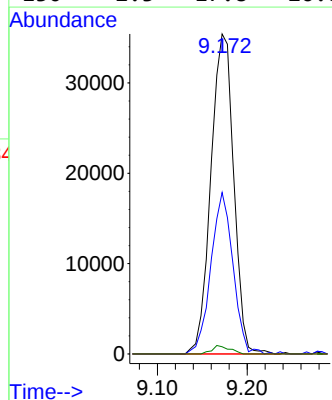
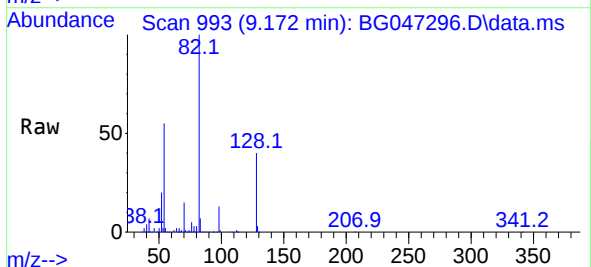
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

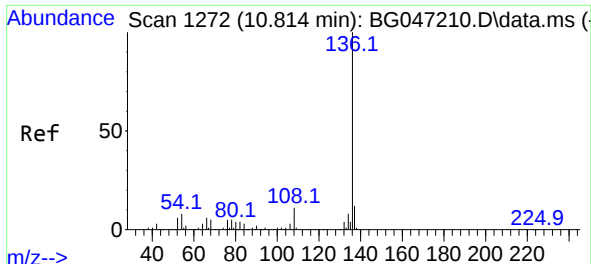
Tgt Ion: 99 Resp: 502732
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 43.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.54 ng
RT: 9.172 min Scan# 993
Delta R.T. 0.362 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

Tgt Ion: 70 Resp: 62455
Ion Ratio Lower Upper
70 100
42 50.5 45.6 68.4
101 0.0 8.4 12.6#
130 2.3 17.8 26.8#

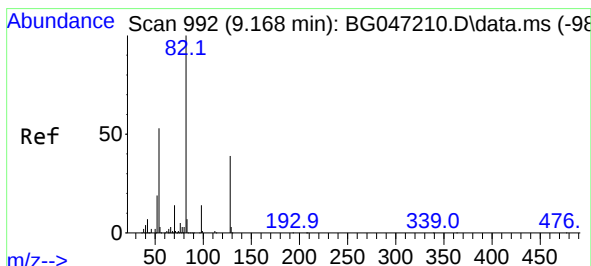
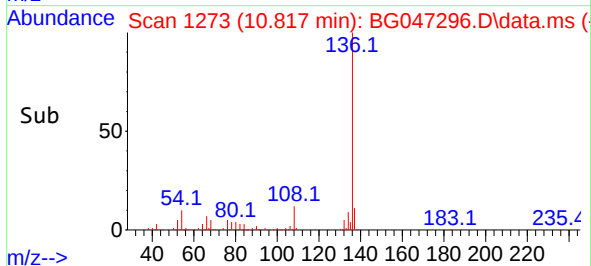
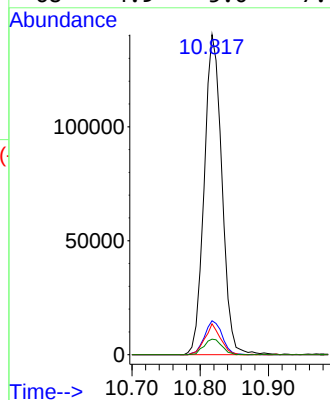
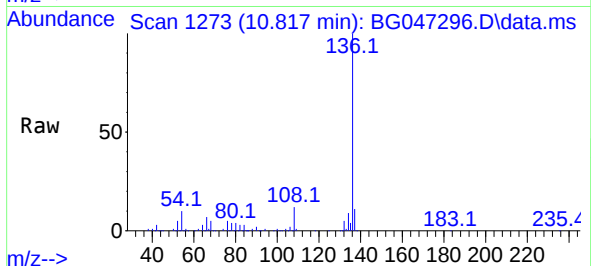




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.817 min Scan# 1273
Delta R.T. 0.003 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

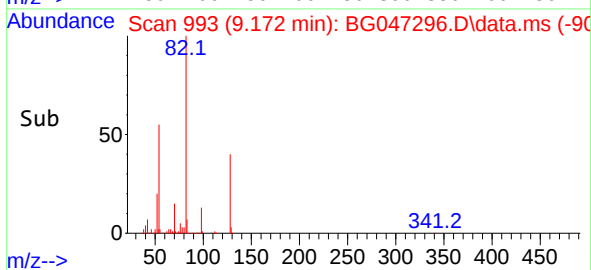
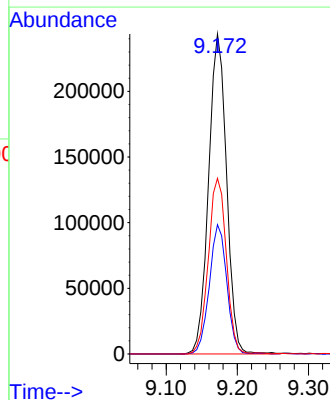
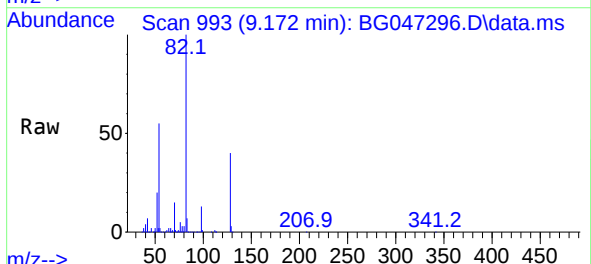
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

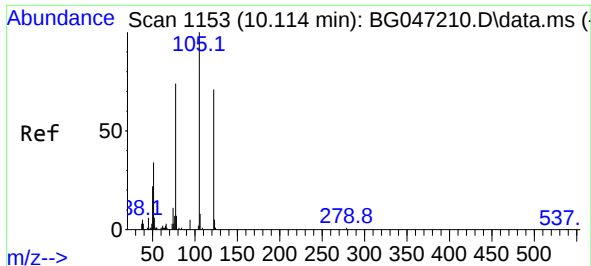
Tgt Ion:	136	Resp:	252934
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.6	6.2	9.4#
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 72.72 ng
RT: 9.172 min Scan# 993
Delta R.T. 0.004 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

Tgt Ion:	82	Resp:	428612
Ion	Ratio	Lower	Upper
82	100		
128	40.4	37.0	55.6
54	54.9	39.0	58.4

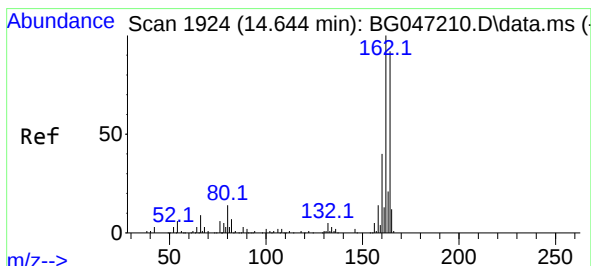
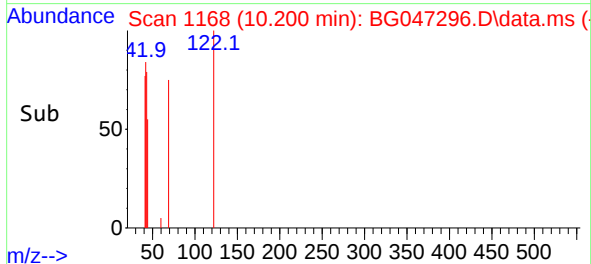
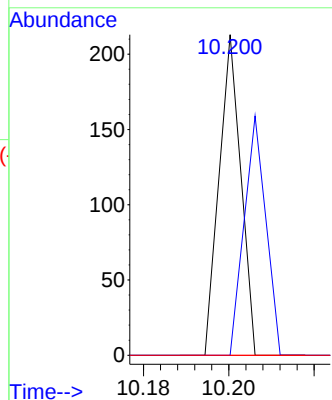
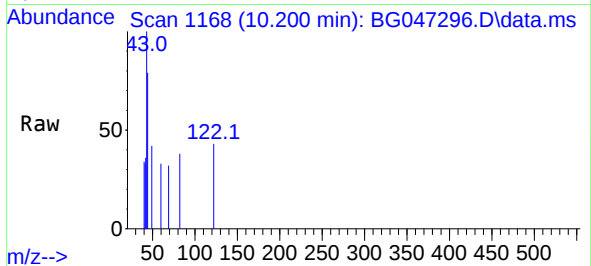




#32
Benzoic acid
Concen: 4.77 ng
RT: 10.200 min Scan# 1168
Delta R.T. 0.086 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

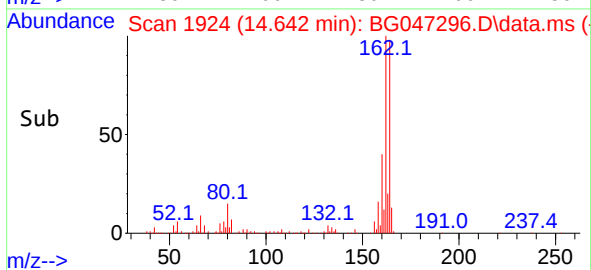
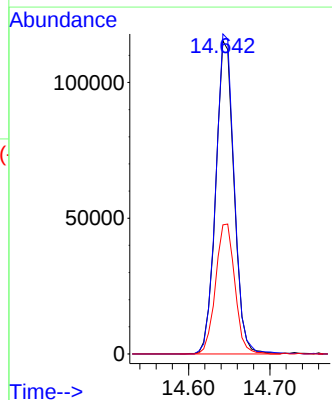
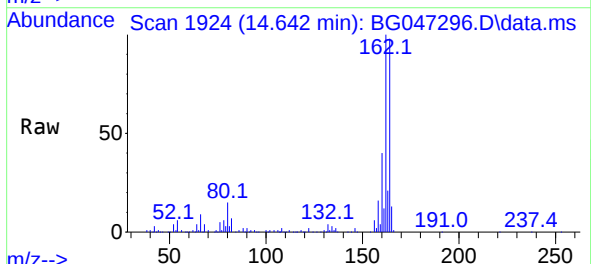
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

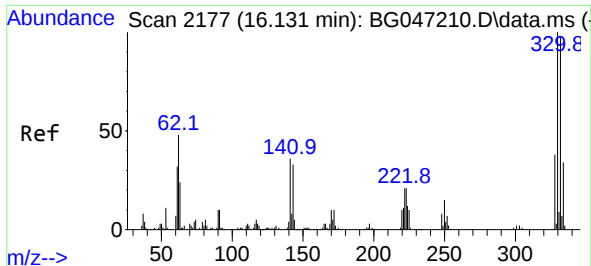
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

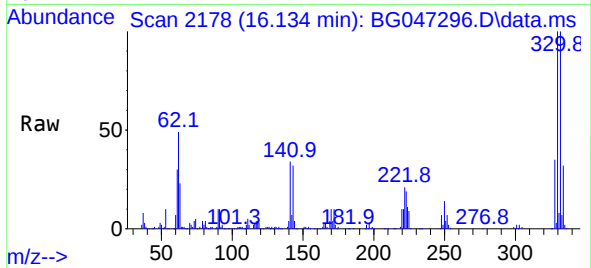
Tgt Ion:164 Resp: 180329
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 41.3 35.3 52.9



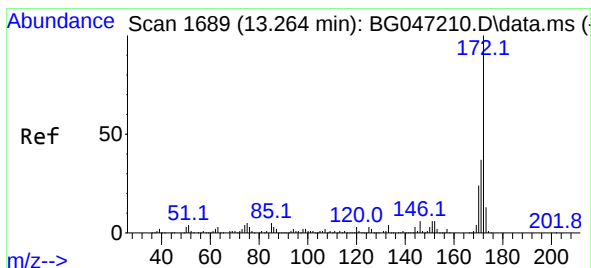
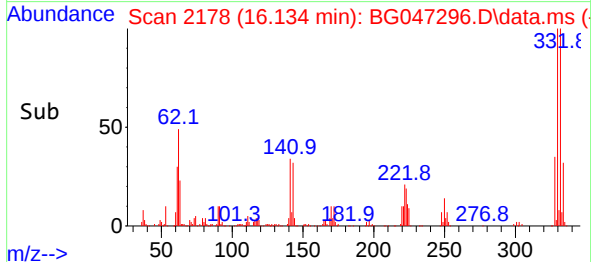
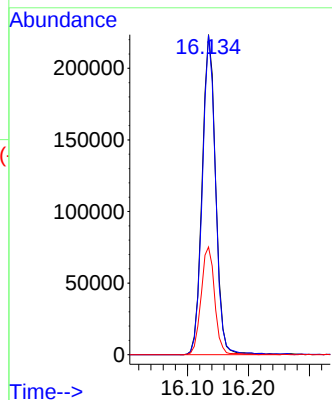


#42
2,4,6-Tribromophenol
Concen: 114.02 ng
RT: 16.134 min Scan# 2178
Delta R.T. 0.004 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

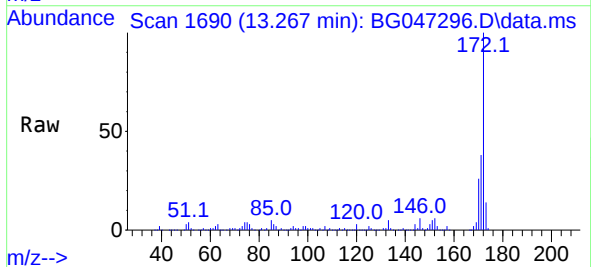
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP



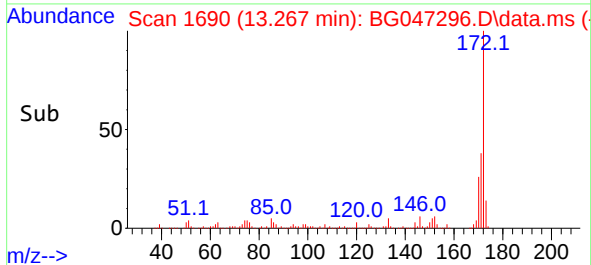
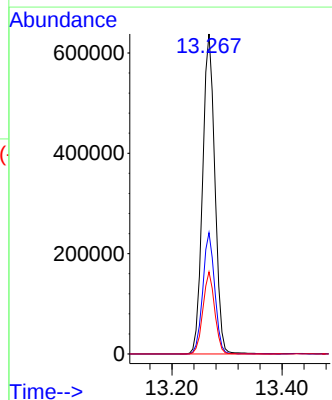
Tgt Ion:330 Resp: 344309
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 33.9 26.0 39.0

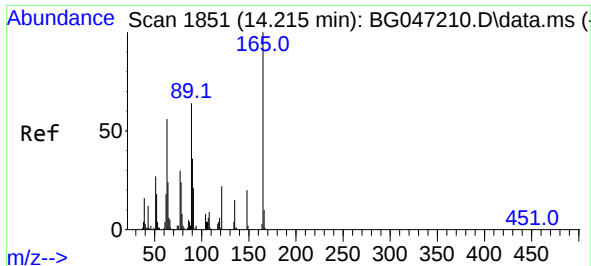


#45
2-Fluorobiphenyl
Concen: 70.34 ng
RT: 13.267 min Scan# 1690
Delta R.T. 0.004 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48



Tgt Ion:172 Resp: 988996
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 25.7 20.8 31.2

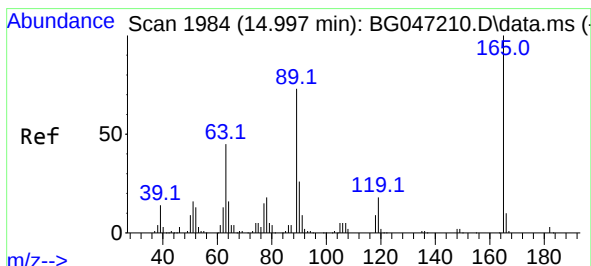
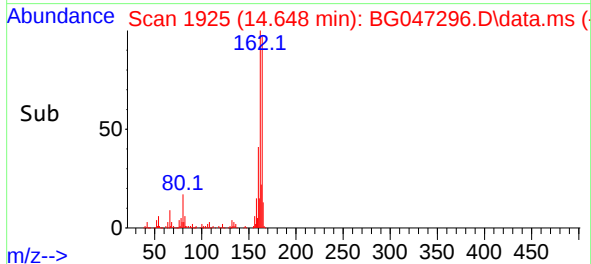
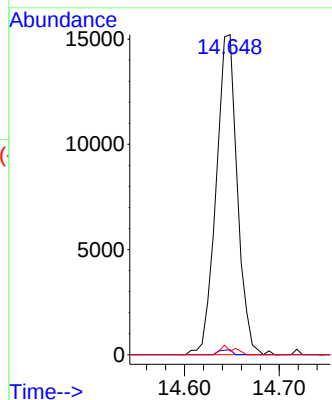
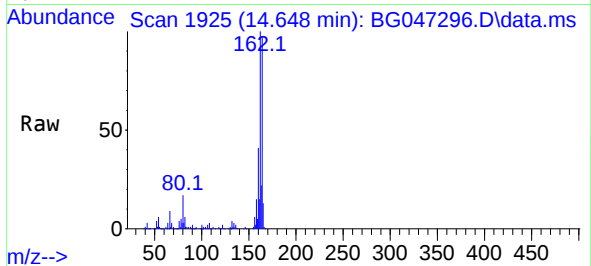




#51
2,6-Dinitrotoluene
Concen: 7.14 ng
RT: 14.648 min Scan# 1925
Delta R.T. 0.433 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

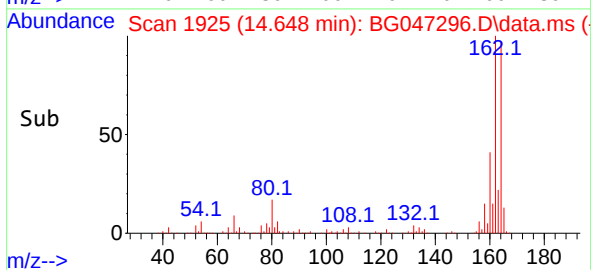
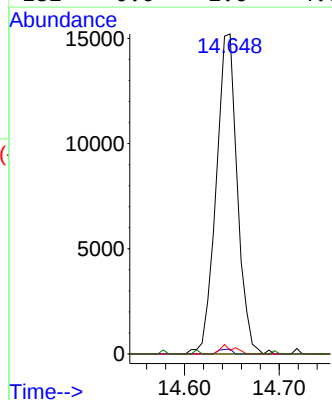
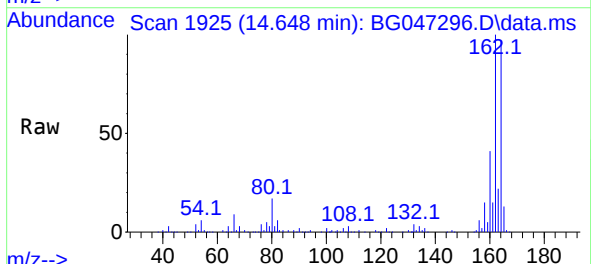
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

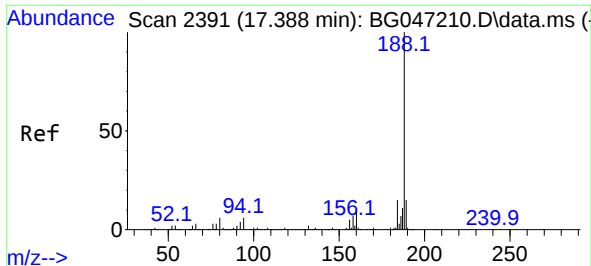
Tgt Ion:165 Resp: 23588
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 1.1 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.89 ng
RT: 14.648 min Scan# 1925
Delta R.T. -0.349 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

Tgt Ion:165 Resp: 23588
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 1.1 47.8 71.8#
182 0.0 2.6 4.0#

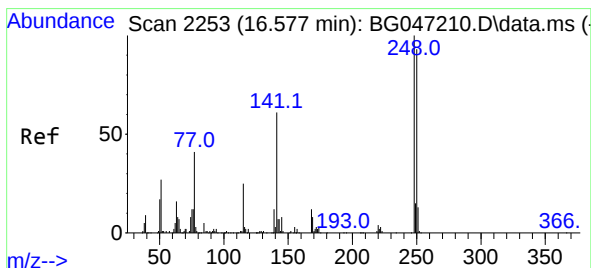
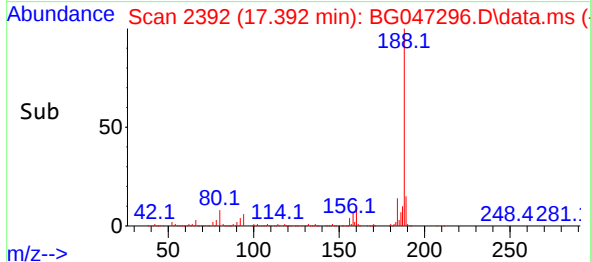
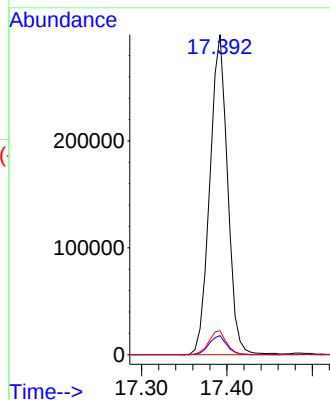
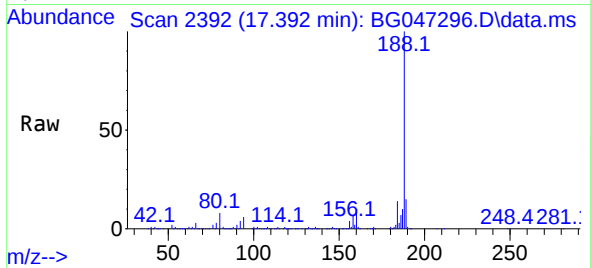




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.392 min Scan# 2392
Delta R.T. 0.004 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

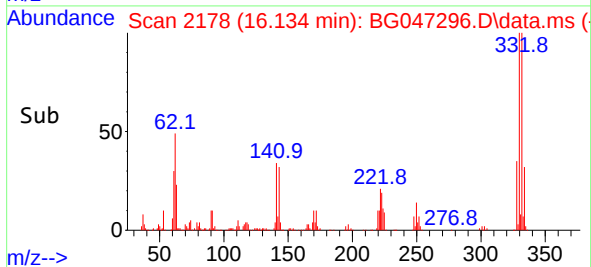
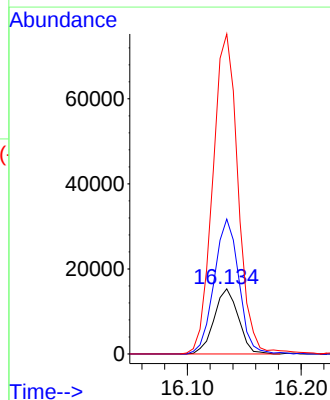
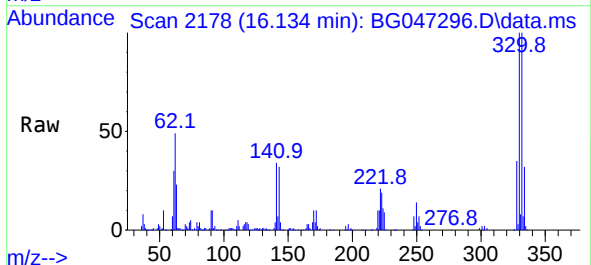
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

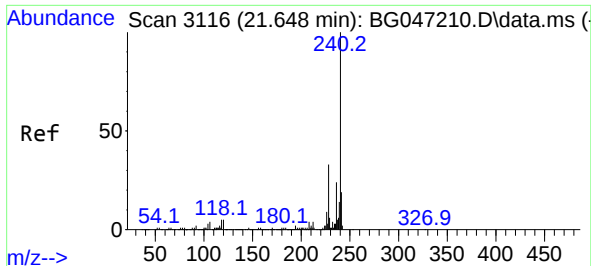
Tgt Ion:188 Resp: 432563
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.5 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 16.134 min Scan# 2178
Delta R.T. -0.443 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

Tgt Ion:248 Resp: 22716
Ion Ratio Lower Upper
248 100
250 207.1 78.9 118.3#
141 491.1 46.2 69.4#

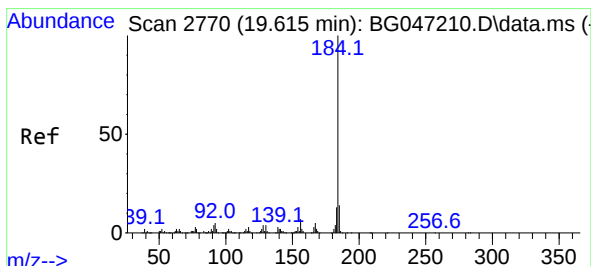
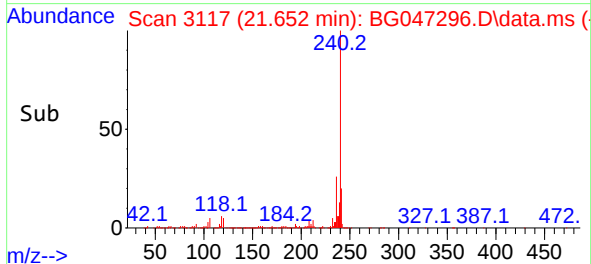
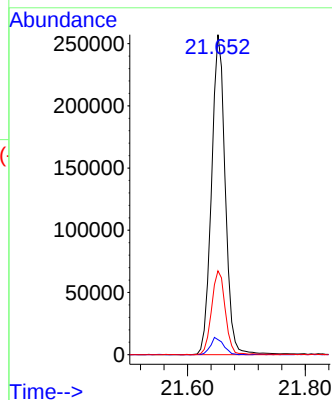
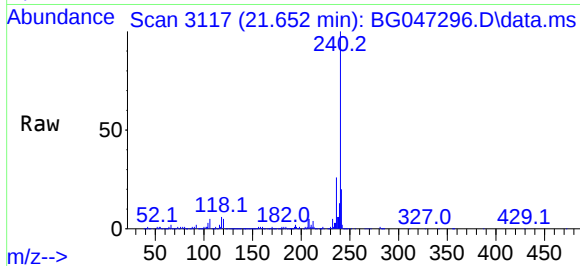




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.652 min Scan# 3117
Delta R.T. 0.004 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

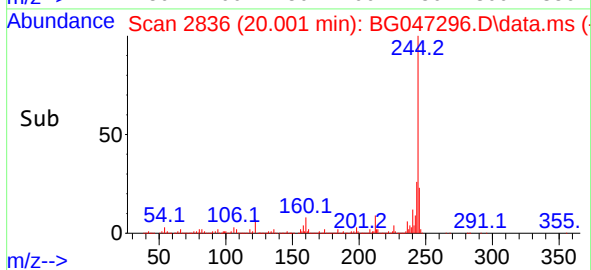
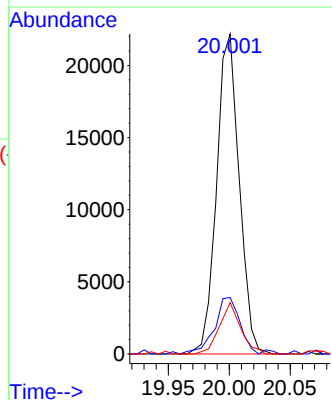
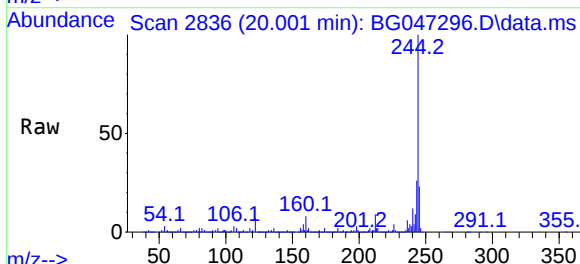
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110520-DP

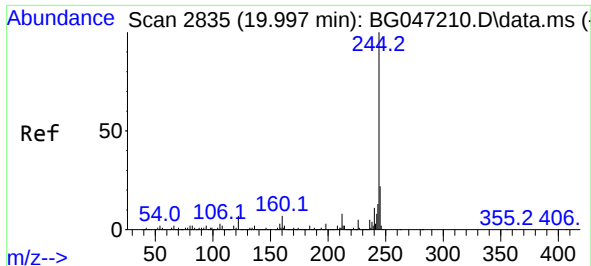
Tgt Ion:240 Resp: 415643
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.2 20.5 30.7



#77
Benzidine
Concen: 2.05 ng
RT: 20.001 min Scan# 2836
Delta R.T. 0.386 min
Lab File: BG047296.D
Acq: 11 Nov 2020 22:48

Tgt Ion:184 Resp: 28608
Ion Ratio Lower Upper
184 100
185 17.6 12.4 18.6
183 16.1 10.6 15.8#

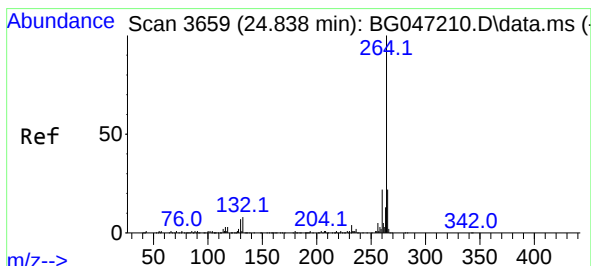
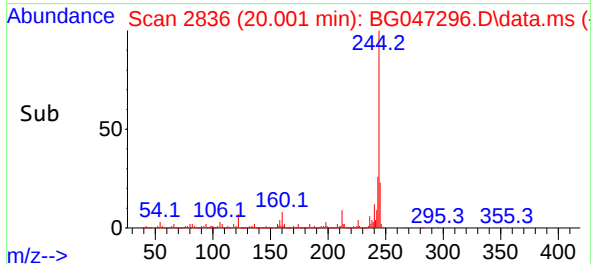
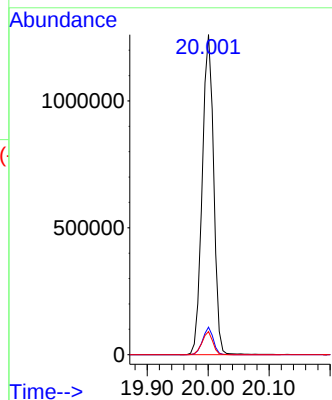
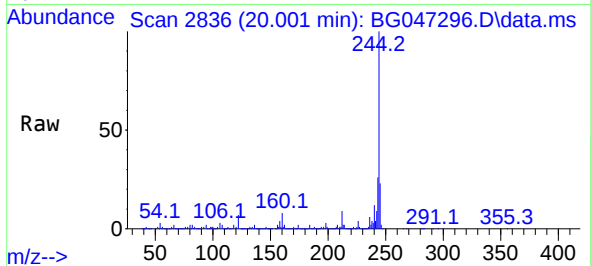




#79
 Terphenyl-d14
 Concen: 69.39 ng
 RT: 20.001 min Scan# 2836
 Delta R.T. 0.004 min
 Lab File: BG047296.D
 Acq: 11 Nov 2020 22:48

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B7-110520-DP

Tgt Ion:244 Resp: 1640104
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 7.2 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.854 min Scan# 3662
 Delta R.T. 0.015 min
 Lab File: BG047296.D
 Acq: 11 Nov 2020 22:48

Tgt Ion:264 Resp: 414834
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.5 17.8 26.8

