

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047297.D
 Acq On : 11 Nov 2020 23:29
 Operator : CG/JU
 Sample : L4680-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B7-110920-10-20

Quant Time: Nov 12 02:10:17 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)

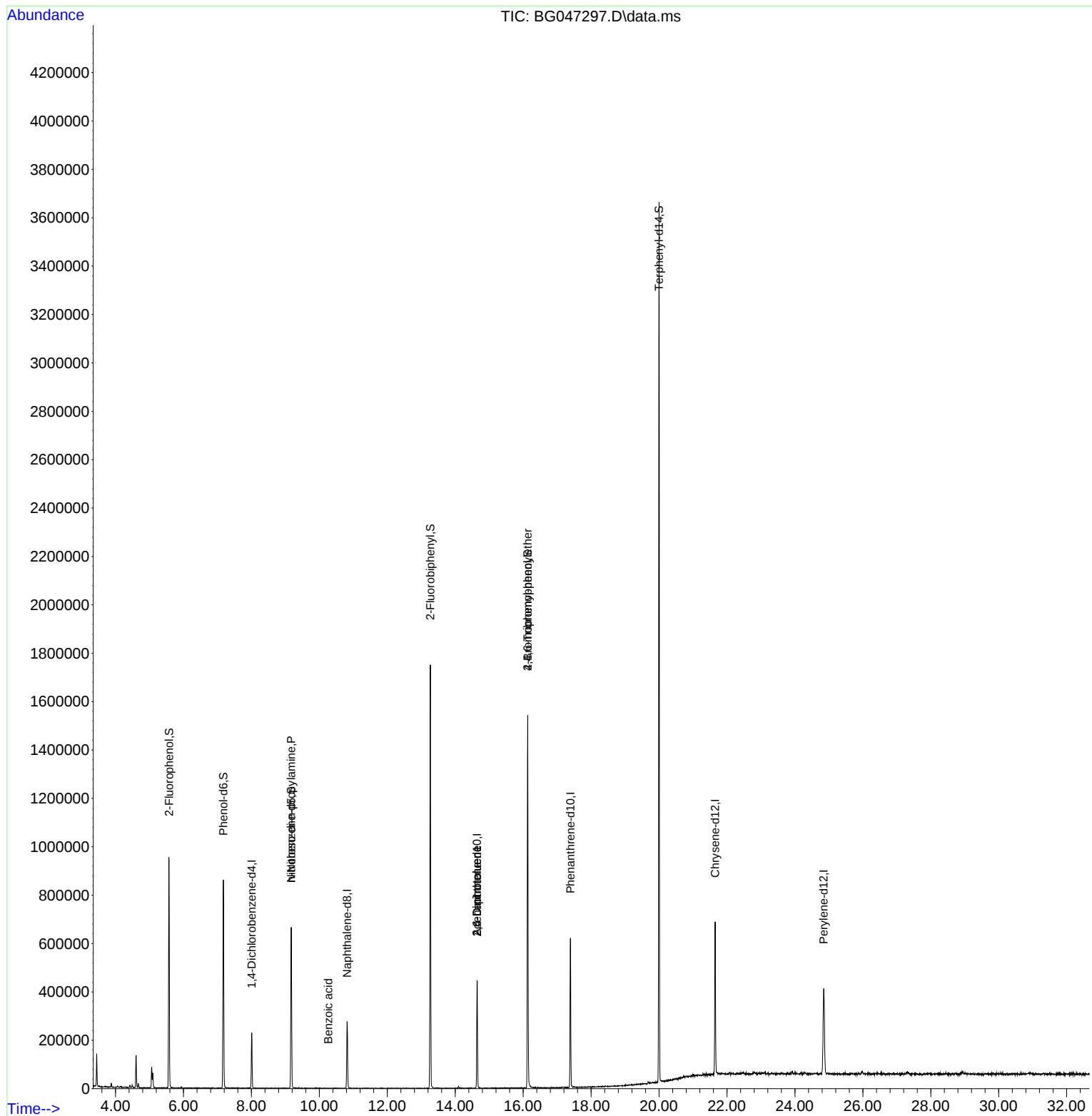
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	57671	20.00	ng	# 0.00
21) Naphthalene-d8	10.817	136	232247	20.00	ng	# 0.00
39) Acenaphthene-d10	14.642	164	160724	20.00	ng	0.00
64) Phenanthrene-d10	17.391	188	394232	20.00	ng	0.00
76) Chrysene-d12	21.651	240	405469	20.00	ng	# 0.00
86) Perylene-d12	24.847	264	394793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	376822	105.91	ng	0.01
7) Phenol-d6	7.174	99	451624	87.69	ng	0.01
23) Nitrobenzene-d5	9.172	82	388577	71.80	ng	0.00
42) 2,4,6-Tribromophenol	16.134	330	311339	115.68	ng	0.00
45) 2-Fluorobiphenyl	13.267	172	889124	70.95	ng	0.00
79) Terphenyl-d14	20.000	244	1552793	67.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.172	70	56529	16.70	ng	# 77
32) Benzoic acid	10.264	122	60	4.77	ng	# 1
51) 2,6-Dinitrotoluene	14.642	165	20597	7.00	ng	# 35
57) 2,4-Dinitrotoluene	14.642	165	20597	4.79	ng	# 33
67) 4-Bromophenyl-phenylether	16.134	248	20327	3.69	ng	# 1

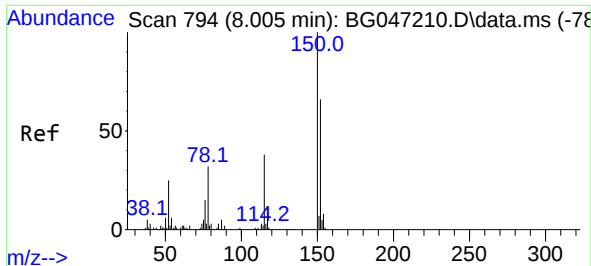
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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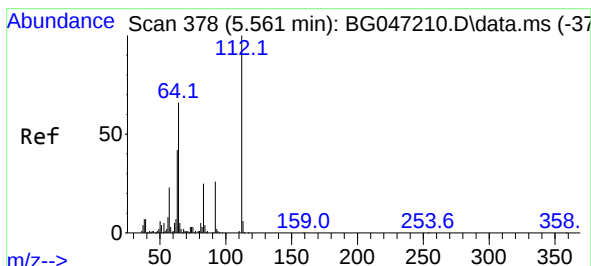
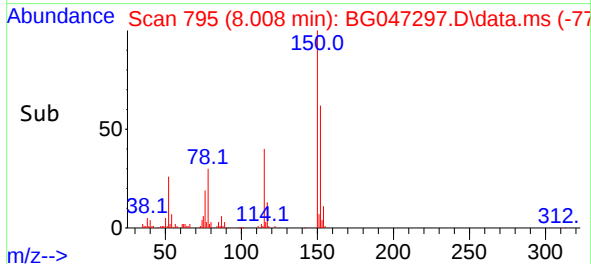
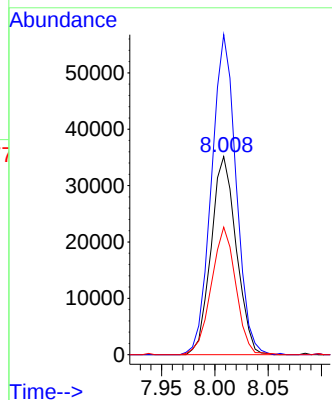
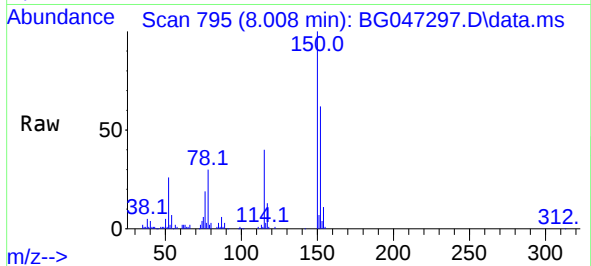




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.008 min Scan# 795
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

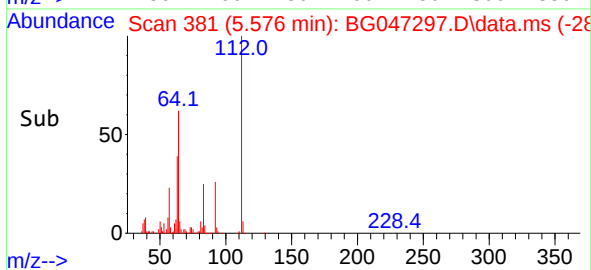
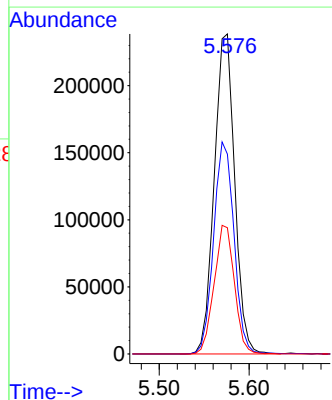
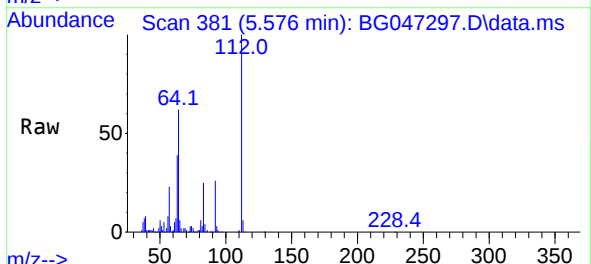
Instrument :
BNA_G
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PAV-B7-110920-10-20

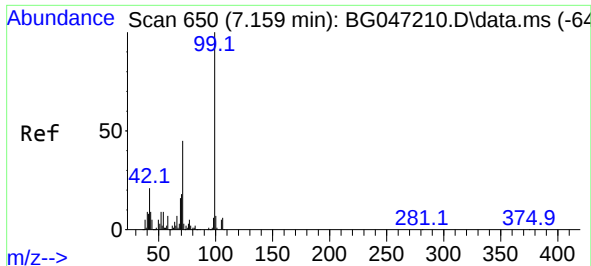
Tgt Ion:152 Resp: 57671
Ion Ratio Lower Upper
152 100
150 161.6 125.0 187.6
115 64.4 41.8 62.6#



#5
2-Fluorophenol
Concen: 105.91 ng
RT: 5.576 min Scan# 381
Delta R.T. 0.015 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Tgt Ion:112 Resp: 376822
Ion Ratio Lower Upper
112 100
64 62.5 46.7 70.1
63 39.5 22.8 34.2#

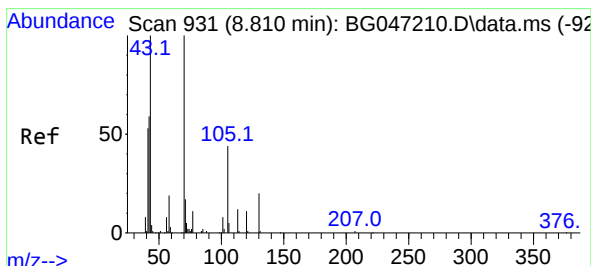
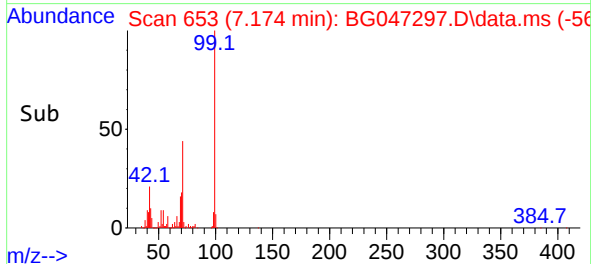
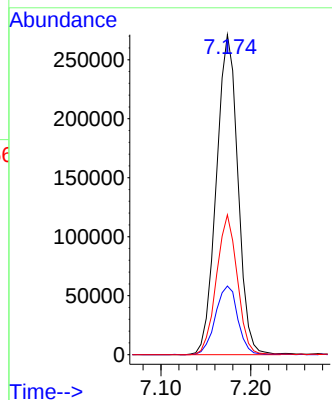
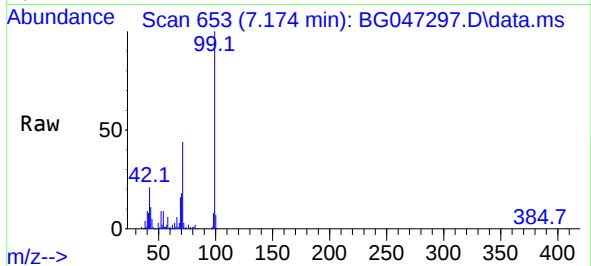




#7
Phenol-d6
Concen: 87.69 ng
RT: 7.174 min Scan# 653
Delta R.T. 0.015 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

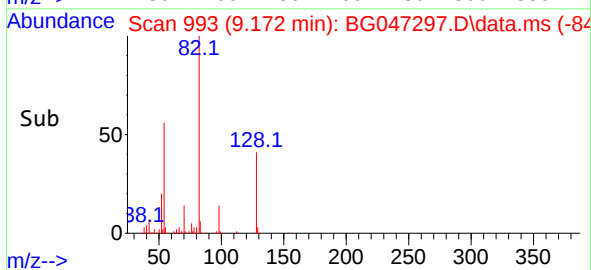
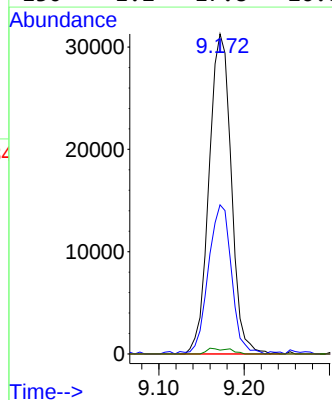
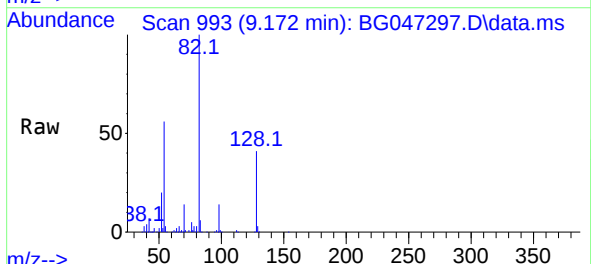
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20

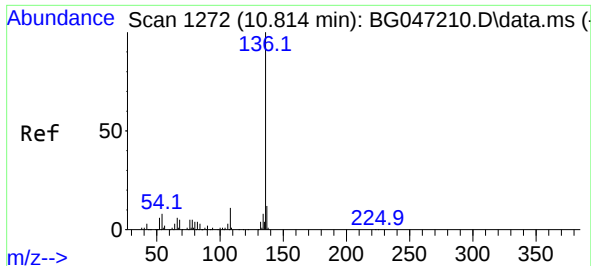
Tgt Ion: 99 Resp: 451624
Ion Ratio Lower Upper
99 100
42 21.4 12.8 19.2#
71 43.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 9.172 min Scan# 993
Delta R.T. 0.362 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Tgt Ion: 70 Resp: 56529
Ion Ratio Lower Upper
70 100
42 46.6 45.6 68.4
101 0.0 8.4 12.6#
130 1.2 17.8 26.8#

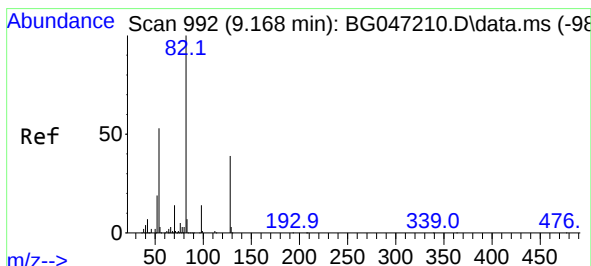
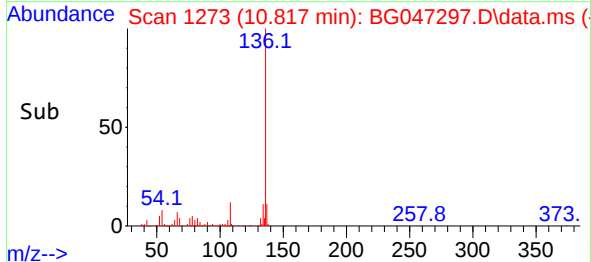
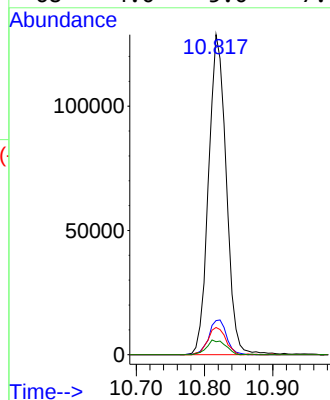
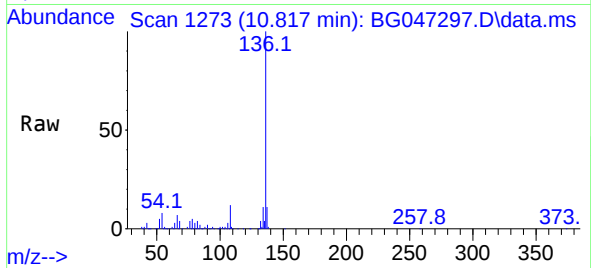




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.817 min Scan# 1273
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

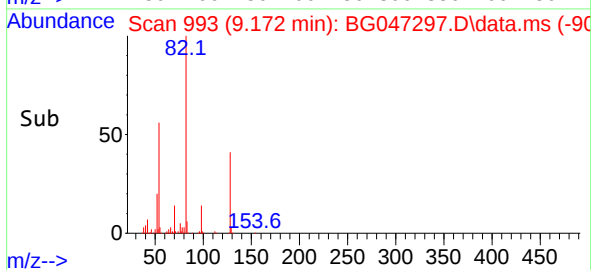
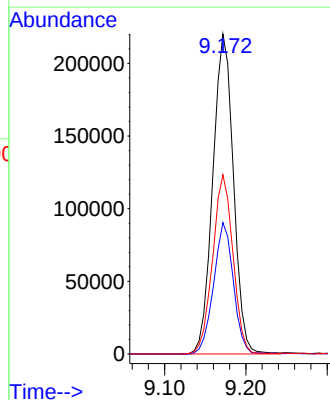
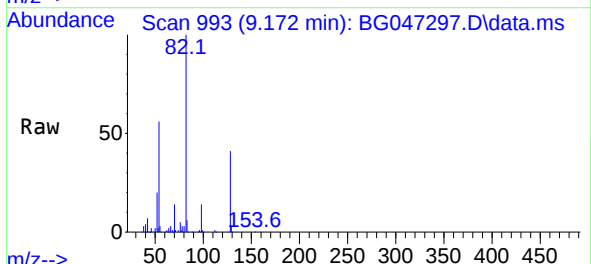
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20

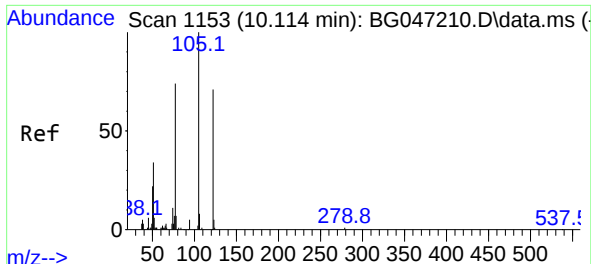
Tgt Ion:	136	Resp:	232247
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.5	6.2	9.4
68	4.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 71.80 ng
RT: 9.172 min Scan# 993
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Tgt Ion:	82	Resp:	388577
Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.0	55.6
54	56.0	39.0	58.4

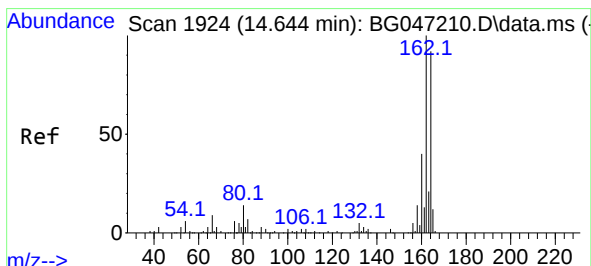
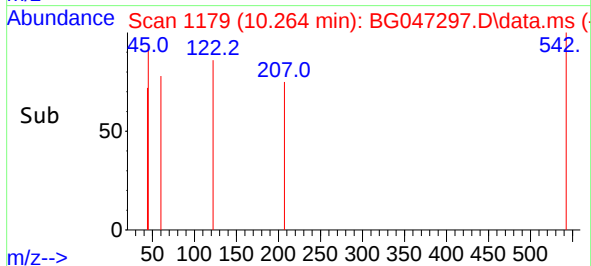
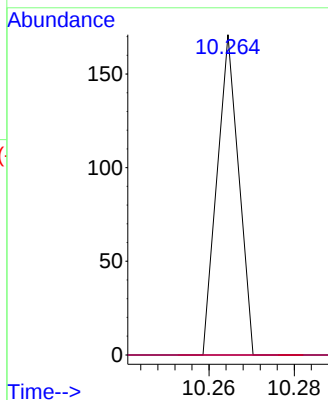
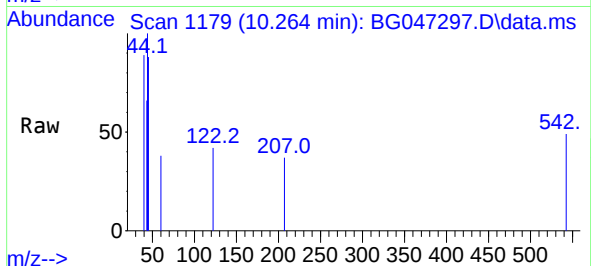




#32
Benzoic acid
Concen: 4.77 ng
RT: 10.264 min Scan# 1179
Delta R.T. 0.150 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

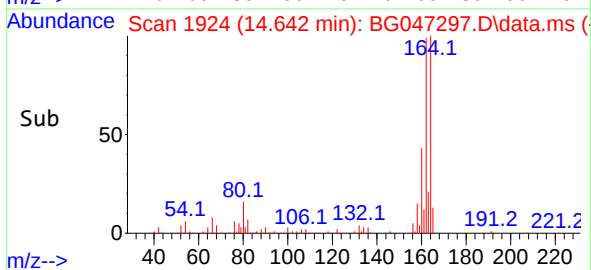
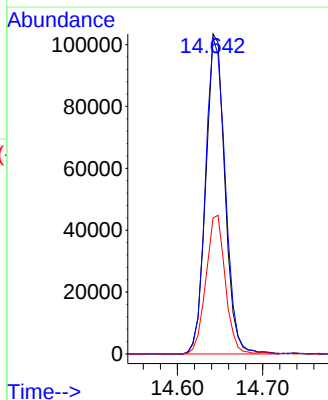
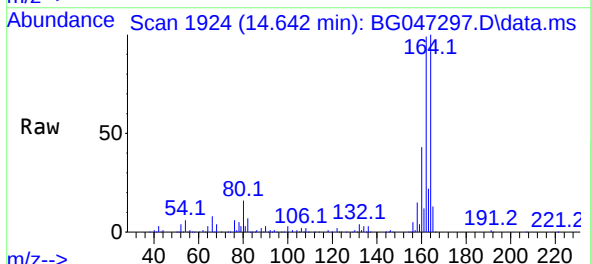
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20

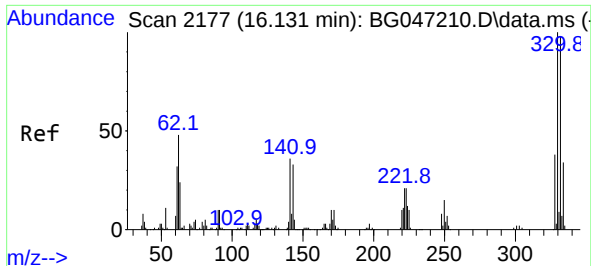
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Tgt Ion:164 Resp: 160724
Ion Ratio Lower Upper
164 100
162 98.8 82.3 123.5
160 42.5 35.3 52.9

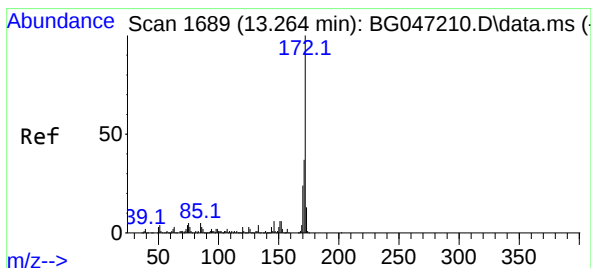
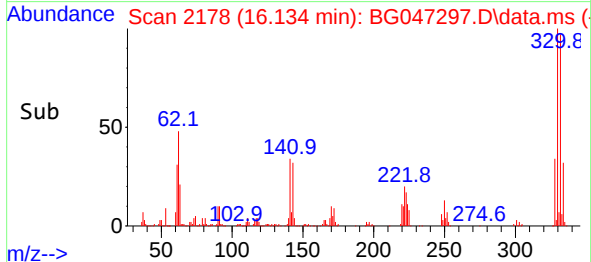
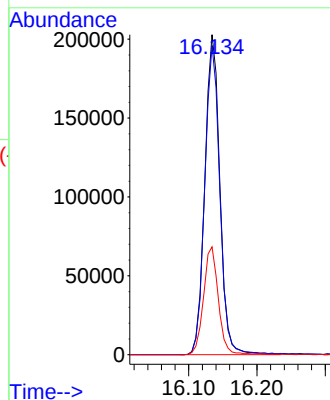
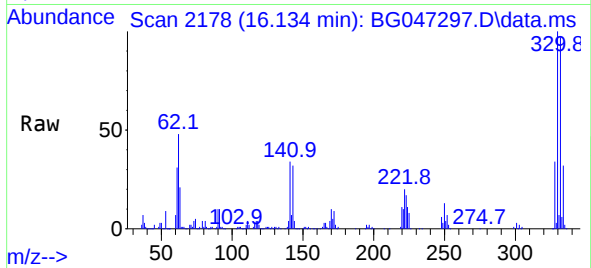




#42
2,4,6-Tribromophenol
Concen: 115.68 ng
RT: 16.134 min Scan# 2178
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

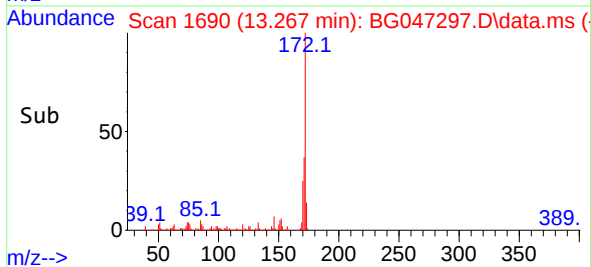
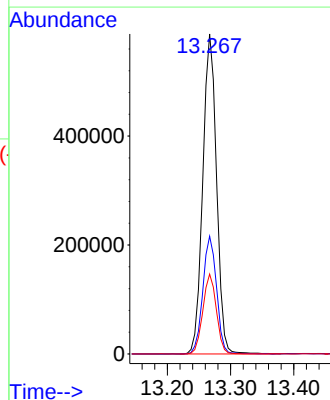
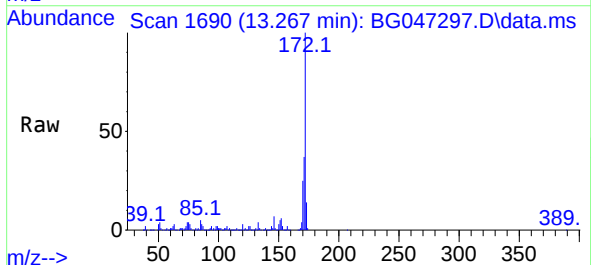
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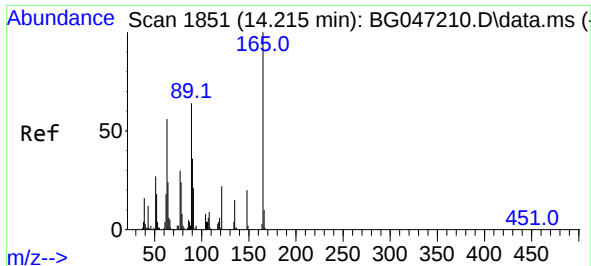
Tgt Ion:330 Resp: 311339
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 33.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 70.95 ng
RT: 13.267 min Scan# 1690
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Tgt Ion:172 Resp: 889124
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 25.0 20.8 31.2

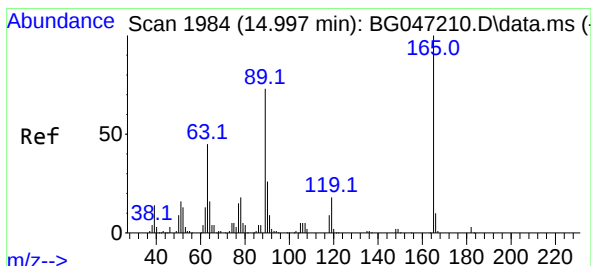
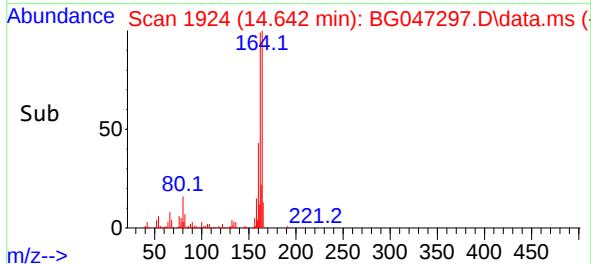
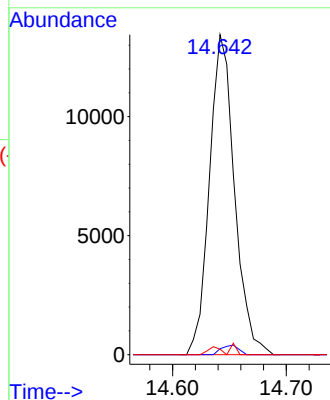
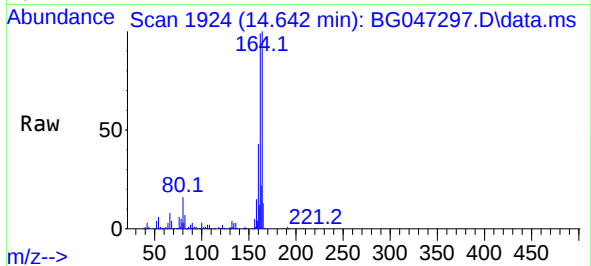




#51
2,6-Dinitrotoluene
Concen: 7.00 ng
RT: 14.642 min Scan# 1924
Delta R.T. 0.426 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

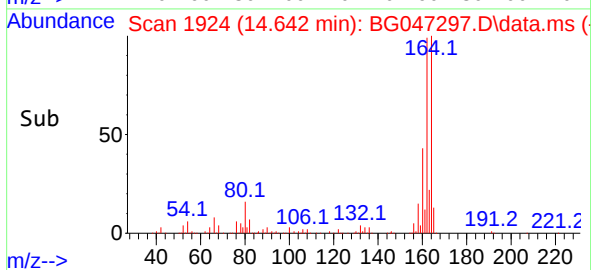
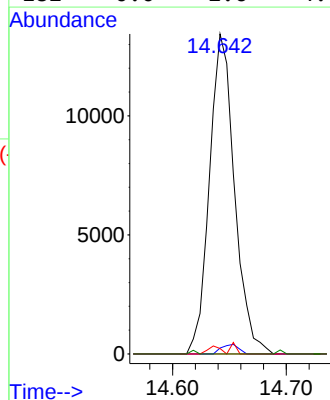
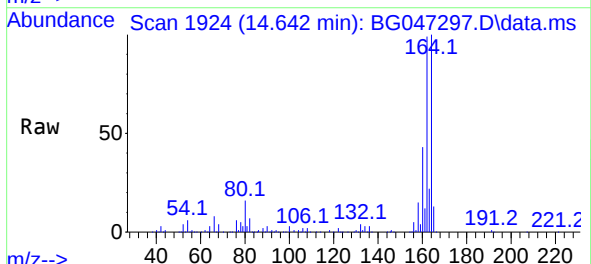
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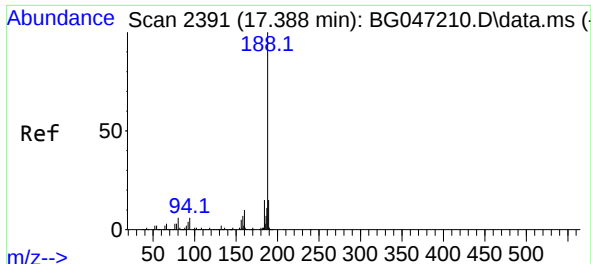
Tgt Ion:165	Resp:	20597
Ion Ratio	Lower	Upper
165	100	
63	1.9	33.7 50.5#
89	1.7	36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.79 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.355 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Tgt Ion:165	Resp:	20597
Ion Ratio	Lower	Upper
165	100	
63	1.9	26.4 39.6#
89	1.7	47.8 71.8#
182	0.0	2.6 4.0#

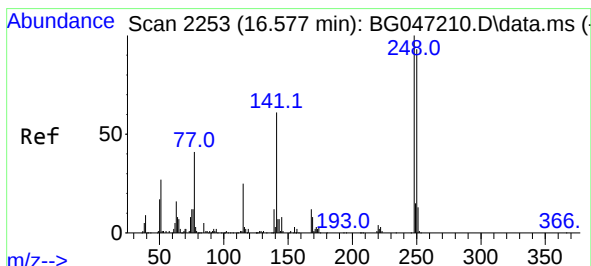
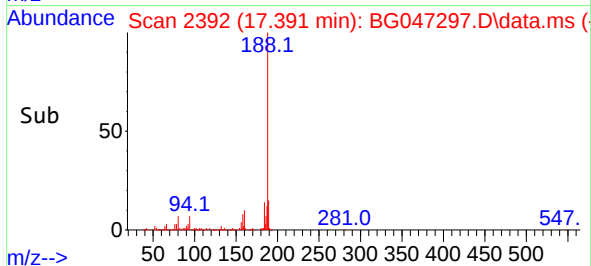
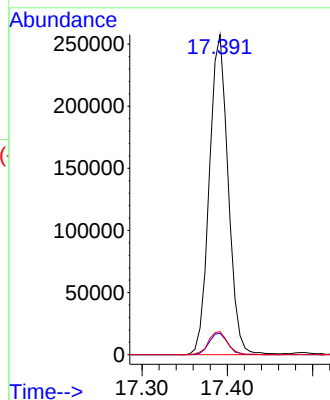
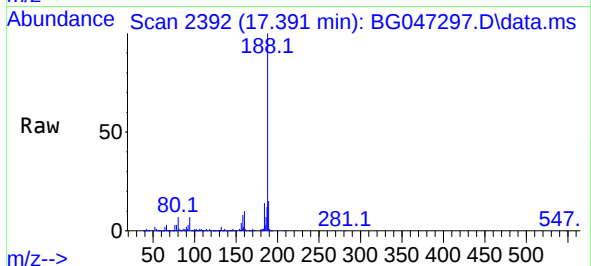




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.391 min Scan# 2392
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

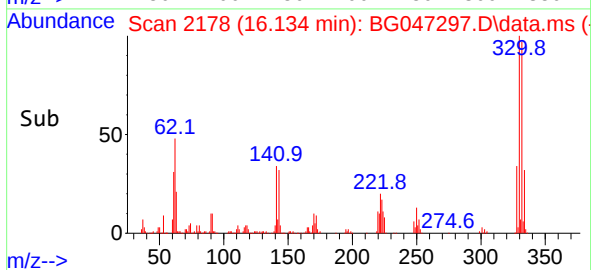
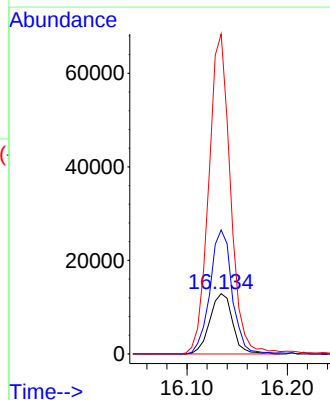
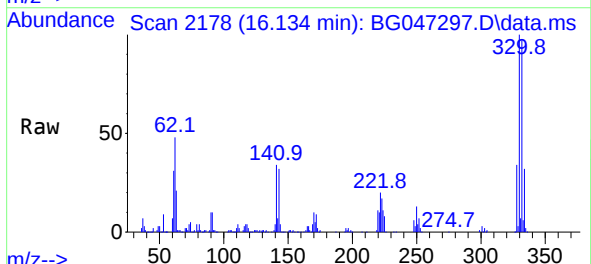
Instrument :
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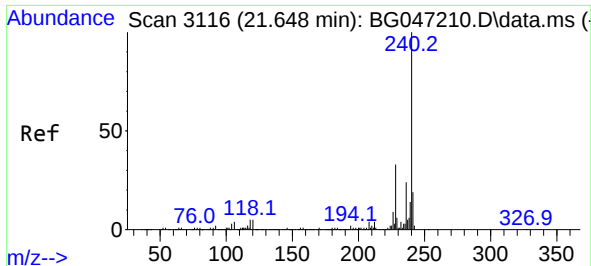
Tgt Ion:188 Resp: 394232
Ion Ratio Lower Upper
188 100
94 6.7 6.3 9.5
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 16.134 min Scan# 2178
Delta R.T. -0.443 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Tgt Ion:248 Resp: 20327
Ion Ratio Lower Upper
248 100
250 205.6 78.9 118.3#
141 530.6 46.2 69.4#

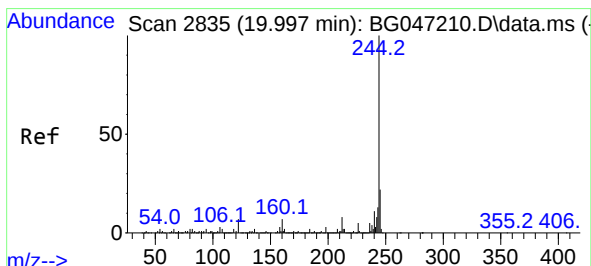
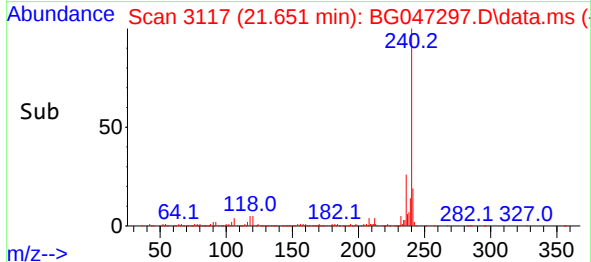
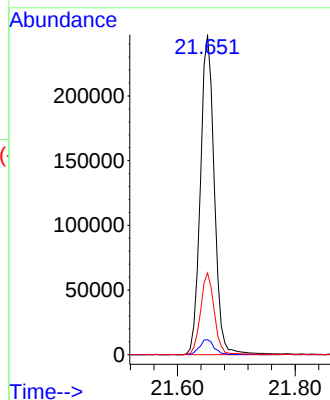
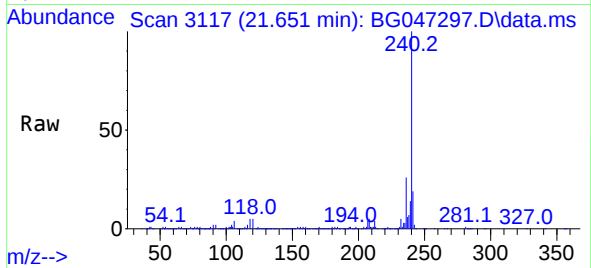




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3117
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

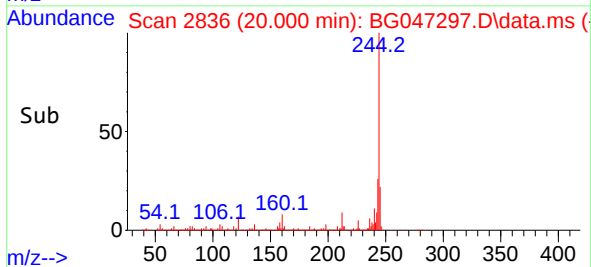
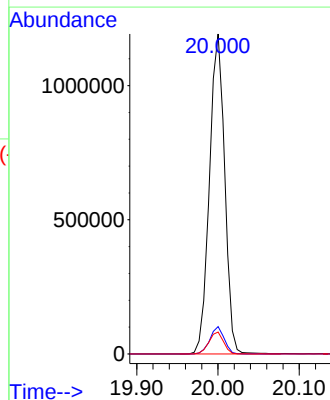
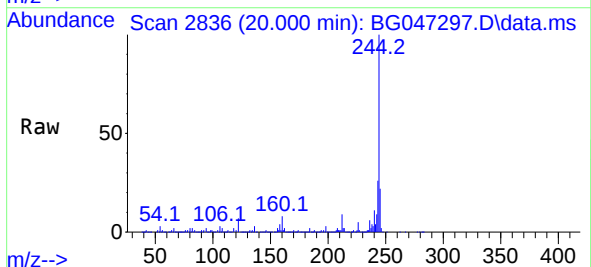
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20

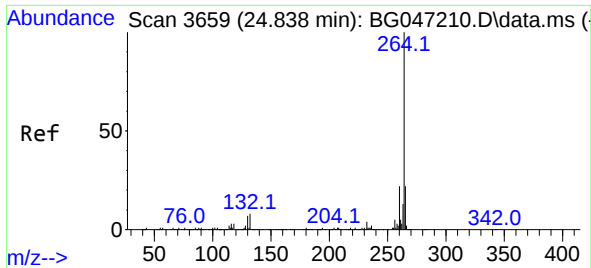
Tgt Ion:240 Resp: 405469
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 67.34 ng
RT: 20.000 min Scan# 2836
Delta R.T. 0.003 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

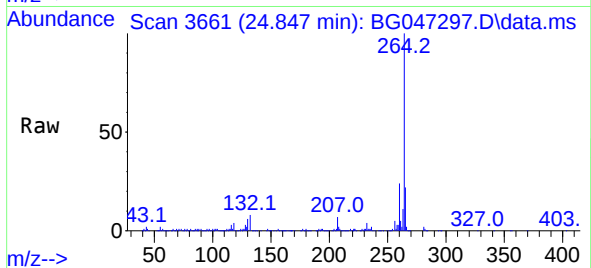
Tgt Ion:244 Resp: 1552793
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 6.8 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.847 min Scan# 3661
Delta R.T. 0.009 min
Lab File: BG047297.D
Acq: 11 Nov 2020 23:29

Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20



Tgt Ion:264 Resp: 394793
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.1 17.8 26.8

