

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
 Data File : BG047836.D
 Acq On : 29 Dec 2020 14:55
 Operator : CG/JU
 Sample : PB133839BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133839BL

Quant Time: Dec 29 16:05:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

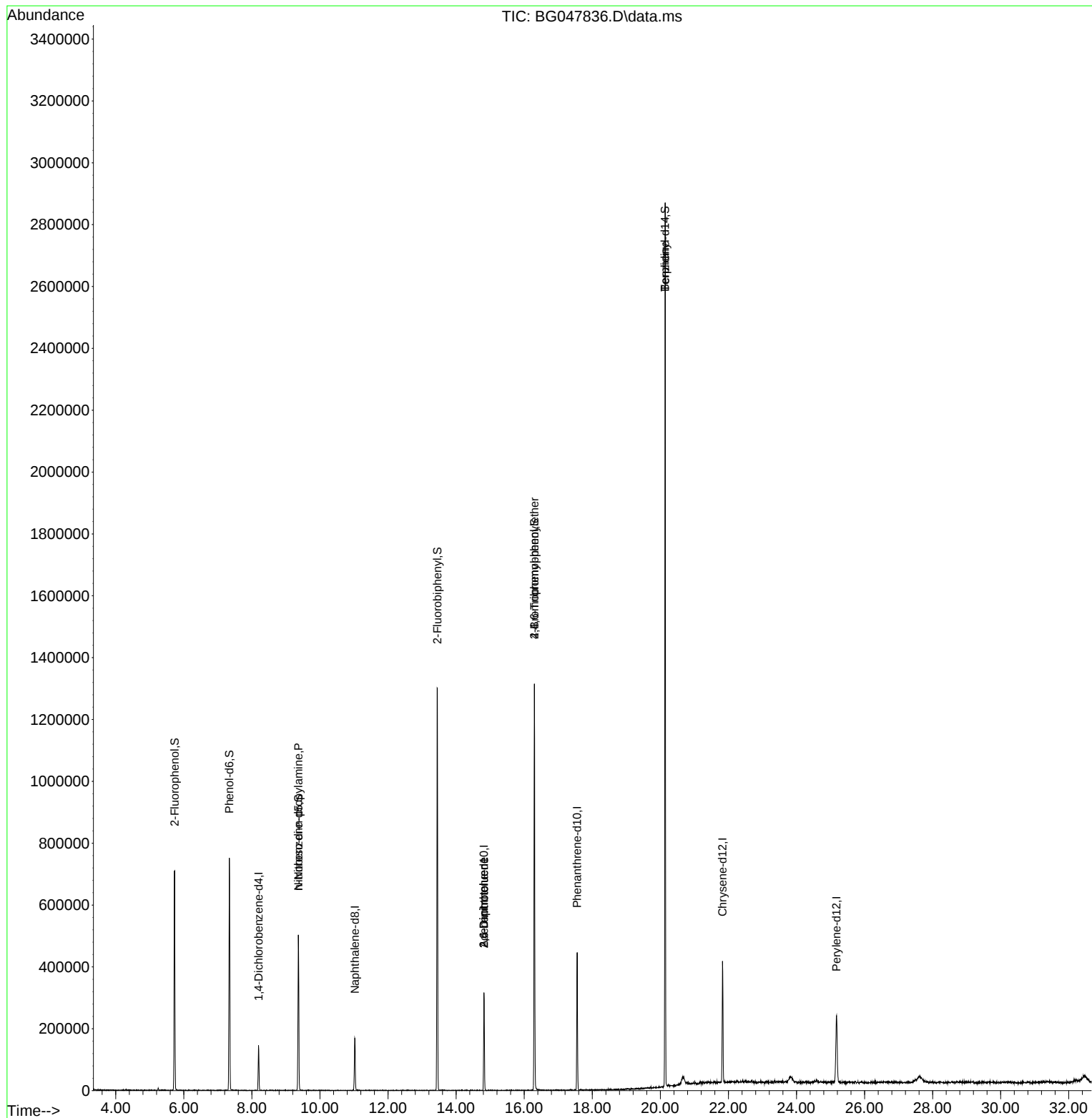
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	34997	20.00	ng	# 0.00
21) Naphthalene-d8	11.023	136	138216	20.00	ng	# 0.00
39) Acenaphthene-d10	14.819	164	108724	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	279563	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	253848	20.00	ng	# 0.00
86) Perylene-d12	25.177	264	251026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	266183	131.58	ng	0.00
7) Phenol-d6	7.339	99	355353	120.16	ng	0.00
23) Nitrobenzene-d5	9.366	82	294663	78.42	ng	0.00
42) 2,4,6-Tribromophenol	16.299	330	232211	125.11	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	655852	78.06	ng	0.00
79) Terphenyl-d14	20.142	244	1177920	76.46	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.366	70	47226	22.95	ng	# 78
51) 2,6-Dinitrotoluene	14.819	165	14890	7.82	ng	# 36
57) 2,4-Dinitrotoluene	14.819	165	14890	5.26	ng	# 34
67) 4-Bromophenyl-phenylether	16.299	248	16277	4.33	ng	# 1
70) Pentachlorophenol	17.563	266	67	Below Cal		# 19
77) Benzidine	20.142	184	26939	3.95	ng	# 89

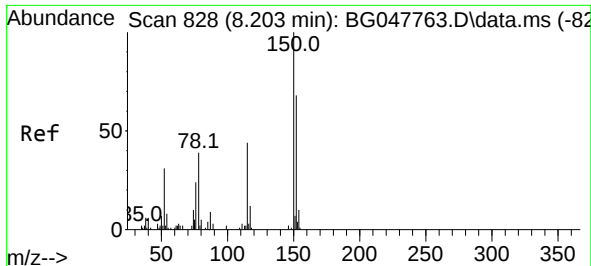
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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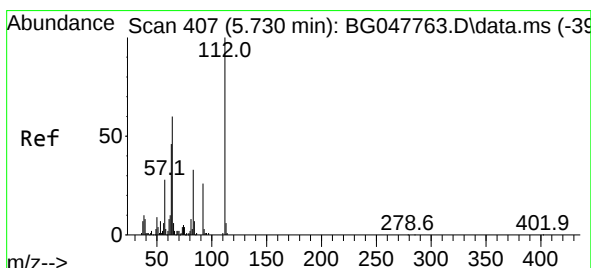
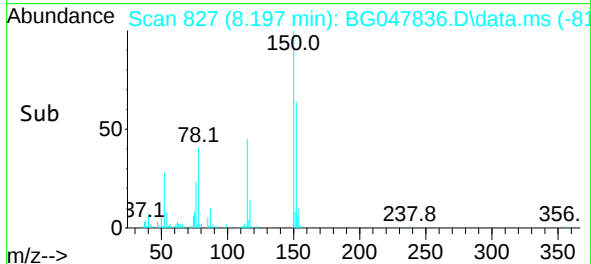
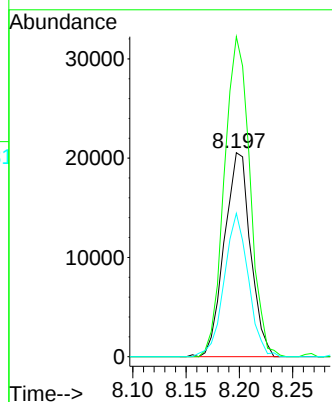
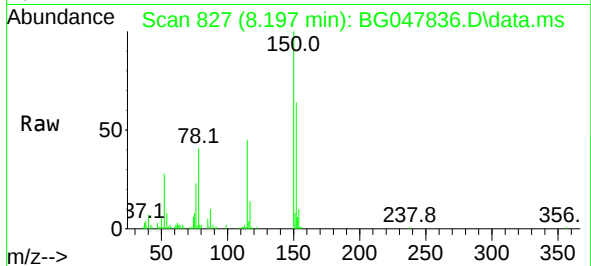




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

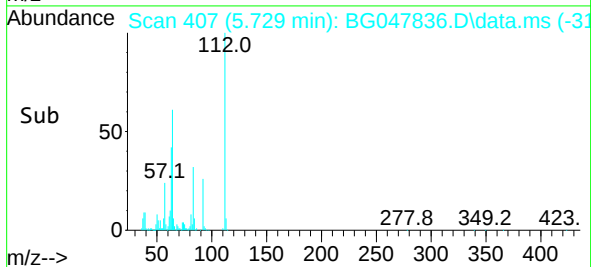
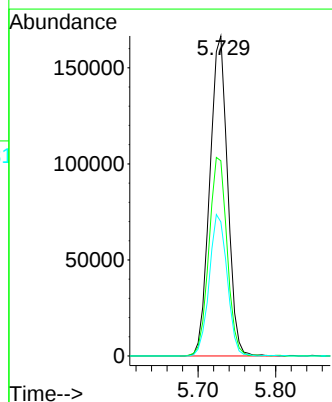
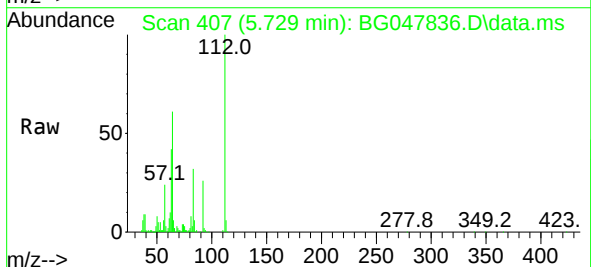
Instrument :
BNA_G
ClientSampleId :
PB133839BL

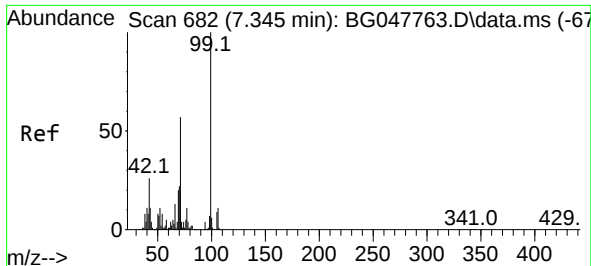
Tgt Ion:152 Resp: 34997
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 70.2 41.8 62.6#



#5
2-Fluorophenol
Concen: 131.58 ng
RT: 5.729 min Scan# 407
Delta R.T. -0.000 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

Tgt Ion:112 Resp: 266183
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 41.9 22.8 34.2#

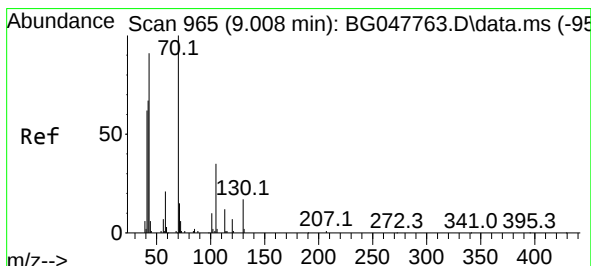
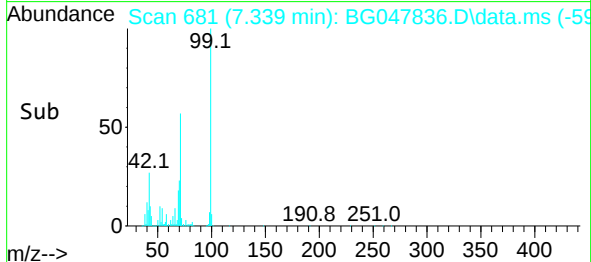
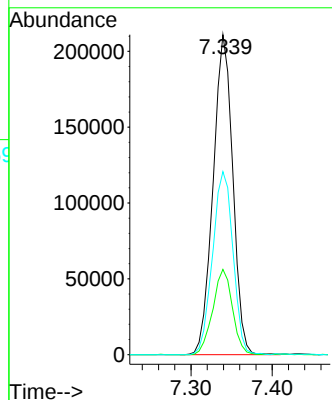
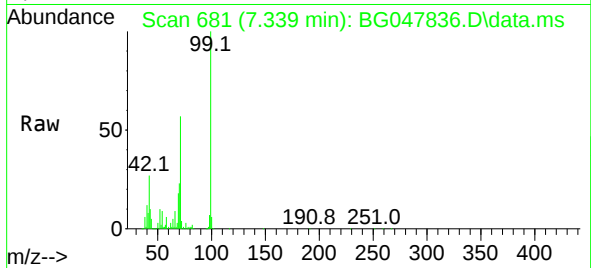




#7
Phenol-d6
Concen: 120.16 ng
RT: 7.339 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

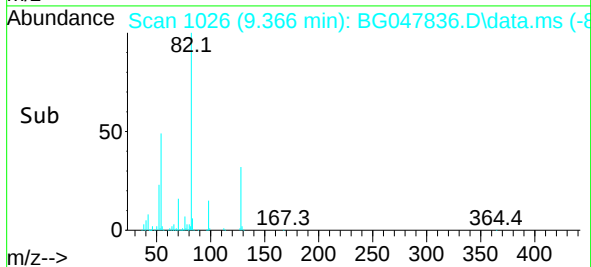
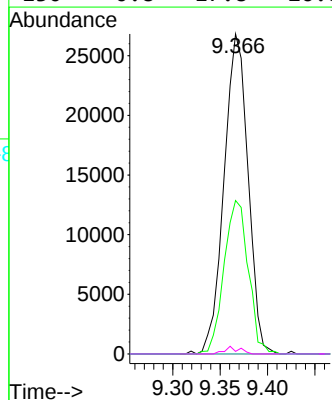
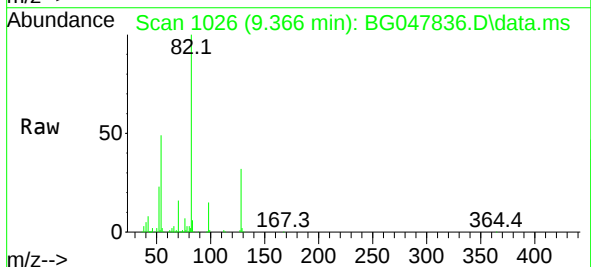
Instrument :
BNA_G
ClientSampleId :
PB133839BL

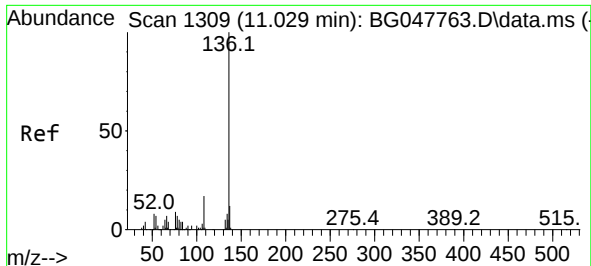
Tgt Ion: 99 Resp: 355353
Ion Ratio Lower Upper
99 100
42 26.7 12.8 19.2#
71 57.2 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.95 ng
RT: 9.366 min Scan# 1026
Delta R.T. 0.358 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

Tgt Ion: 70 Resp: 47226
Ion Ratio Lower Upper
70 100
42 47.9 45.6 68.4
101 0.0 8.4 12.6#
130 0.8 17.8 26.8#

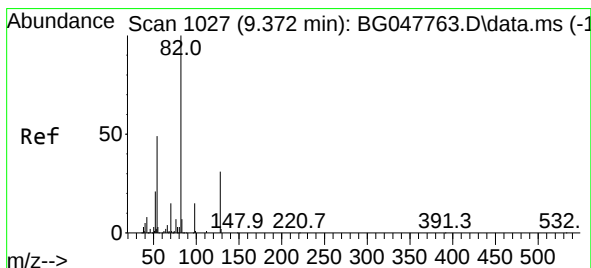
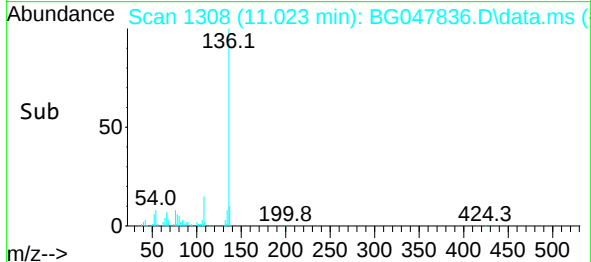
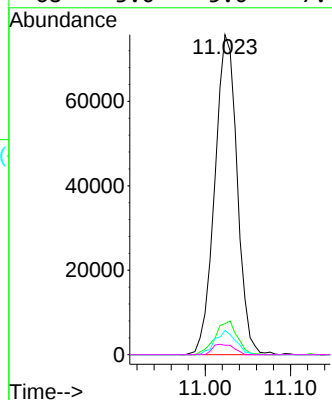
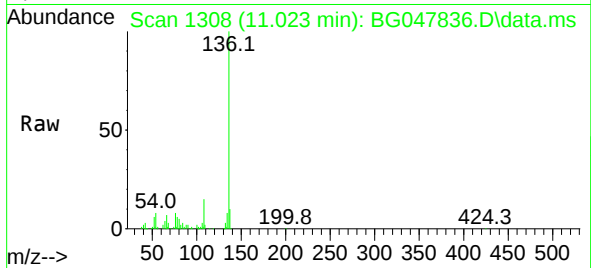




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

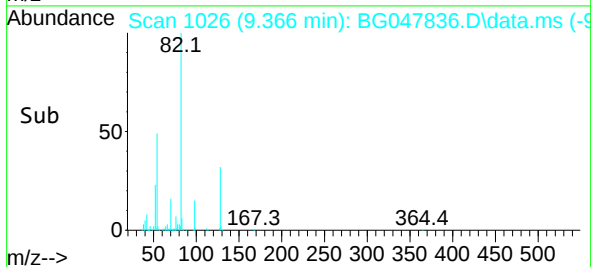
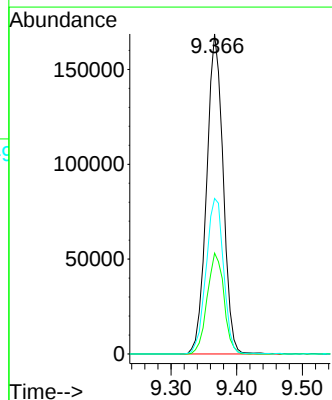
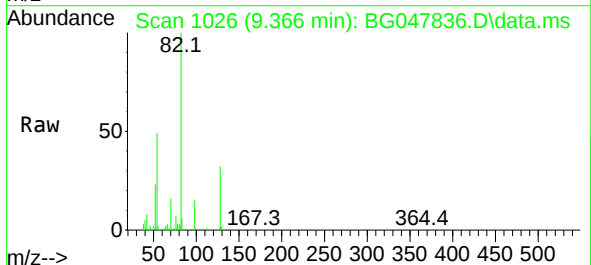
Instrument :
BNA_G
ClientSampleId :
PB133839BL

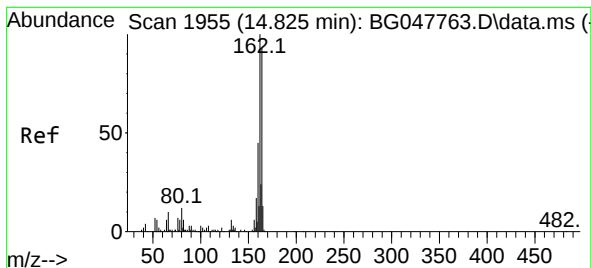
Tgt Ion:136	Resp:	138216
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.1 13.7
54	7.6	6.2 9.4
68	3.0	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 78.42 ng
RT: 9.366 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

Tgt Ion: 82	Resp:	294663
Ion Ratio	Lower	Upper
82	100	
128	31.5	37.0 55.6#
54	48.6	39.0 58.4

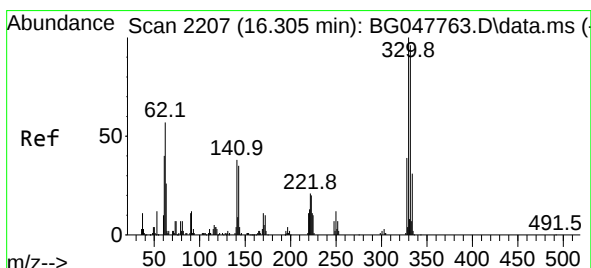
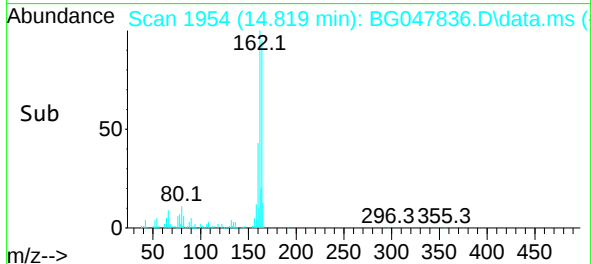
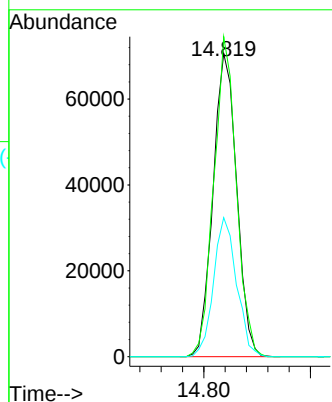
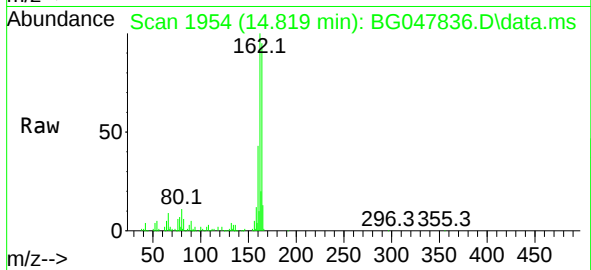




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

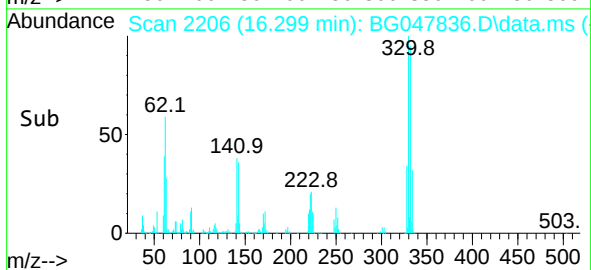
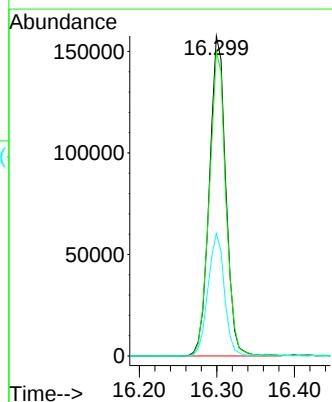
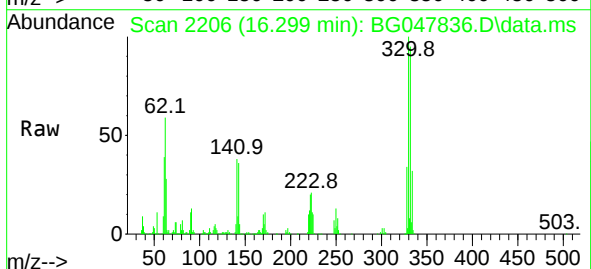
Instrument :
BNA_G
ClientSampleId :
PB133839BL

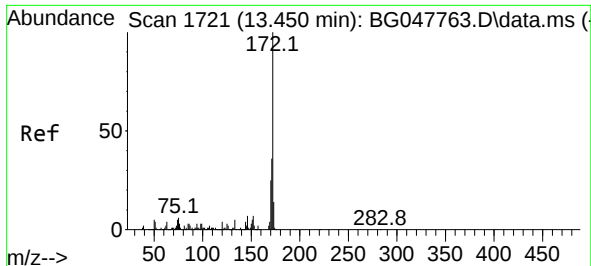
Tgt Ion:164 Resp: 108724
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 45.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 125.11 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

Tgt Ion:330 Resp: 232211
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 38.0 26.0 39.0

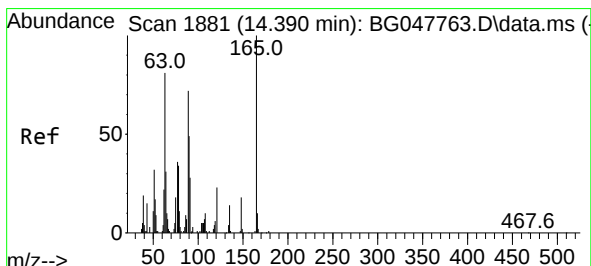
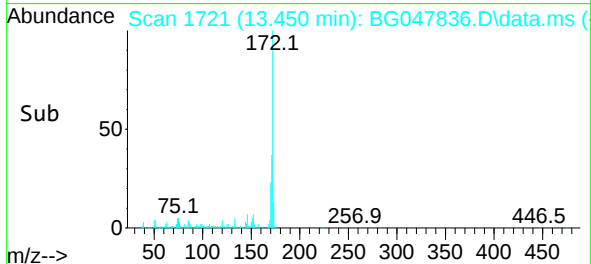
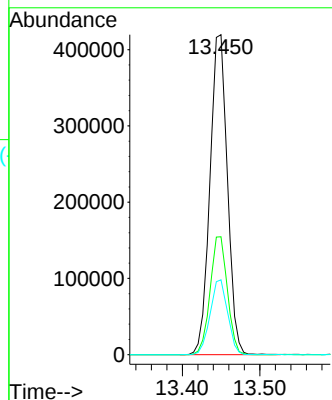
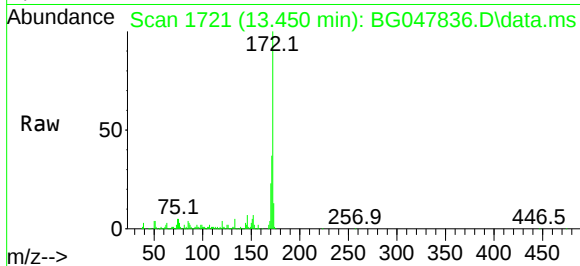




#45
2-Fluorobiphenyl
Concen: 78.06 ng
RT: 13.450 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

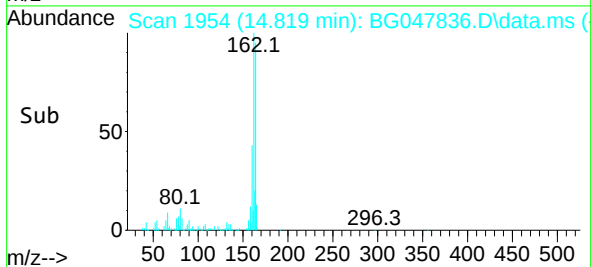
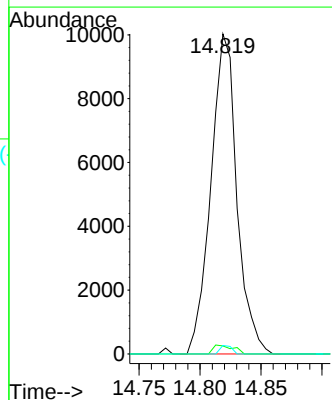
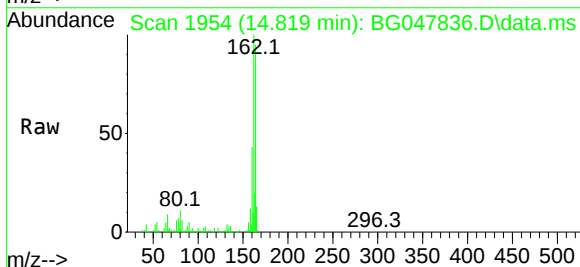
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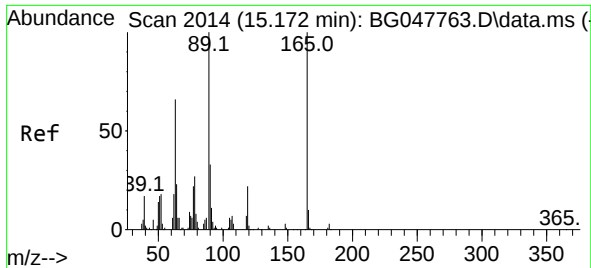
Tgt Ion:172 Resp: 655852
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 23.4 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 14.819 min Scan# 1954
Delta R.T. 0.429 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

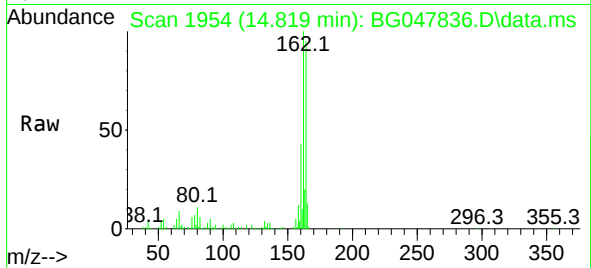
Tgt Ion:165 Resp: 14890
Ion Ratio Lower Upper
165 100
63 2.5 33.7 50.5#
89 2.7 36.6 54.8#



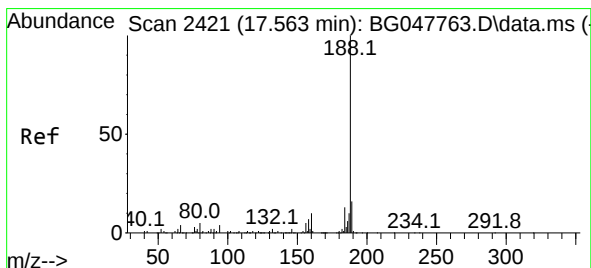
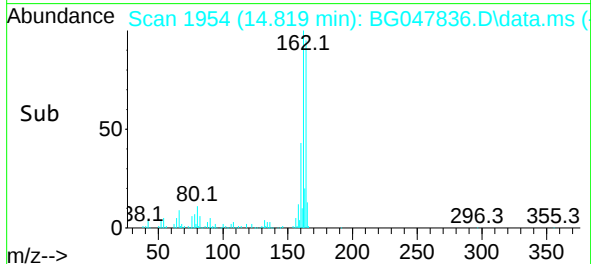
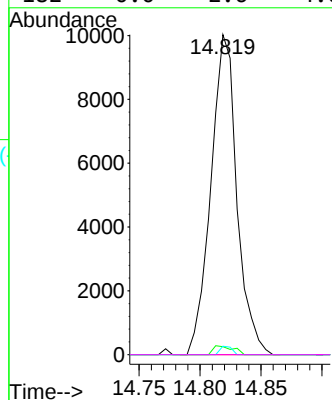


#57
2,4-Dinitrotoluene
Concen: 5.26 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.353 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

Instrument :
BNA_G
ClientSampleId :
PB133839BL

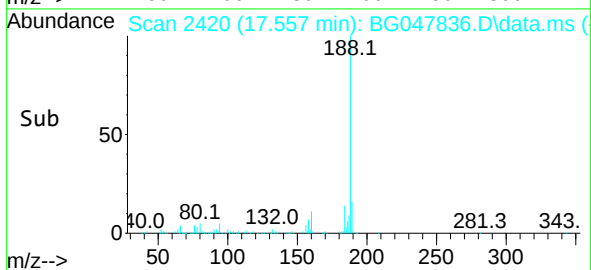
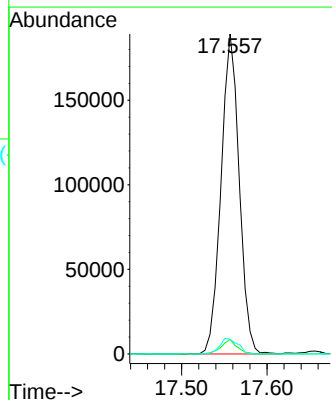
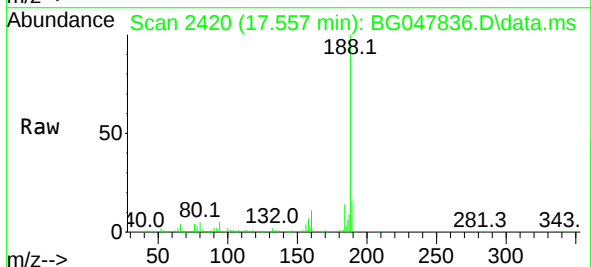


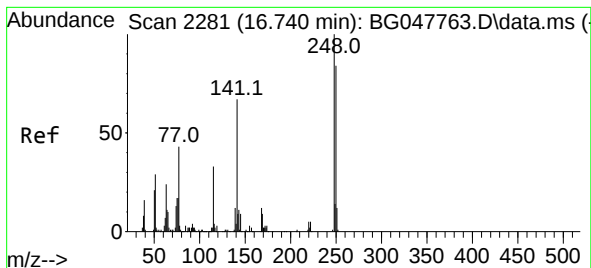
Tgt Ion:165 Resp: 14890
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

Tgt Ion:188 Resp: 279563
Ion Ratio Lower Upper
188 100
94 4.6 6.3 9.5#
80 4.6 7.0 10.6#

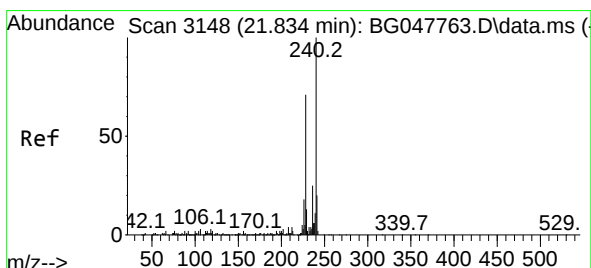
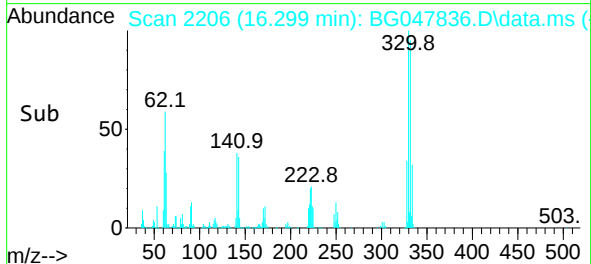
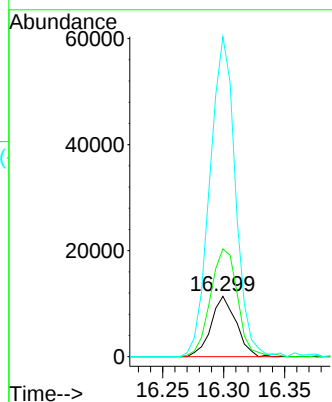
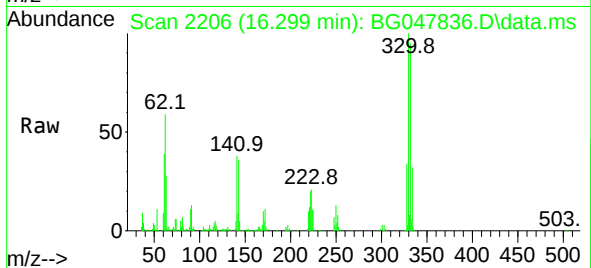




#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.441 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

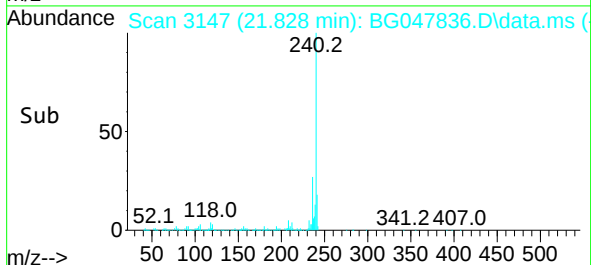
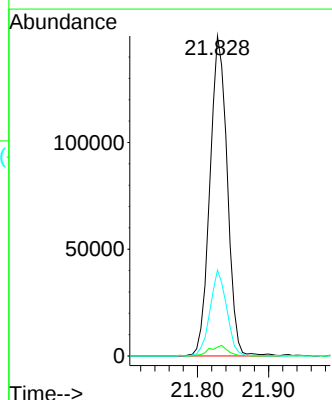
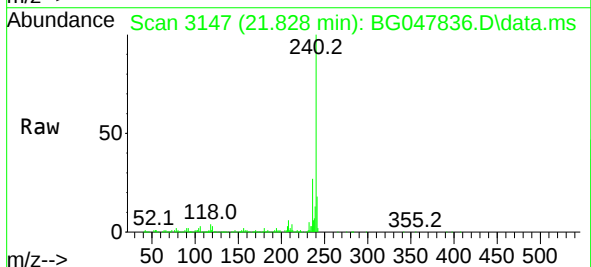
Instrument :
BNA_G
ClientSampleId :
PB133839BL

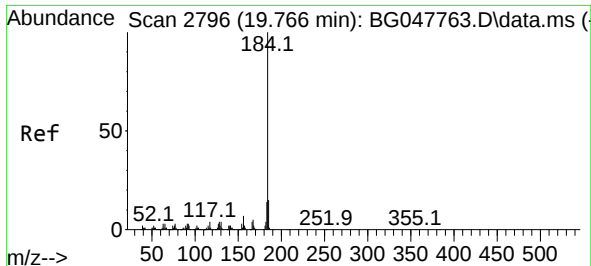
Tgt Ion:248 Resp: 16277
Ion Ratio Lower Upper
248 100
250 178.5 78.9 118.3#
141 530.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

Tgt Ion:240 Resp: 253848
Ion Ratio Lower Upper
240 100
120 2.8 6.2 9.4#
236 26.8 20.5 30.7

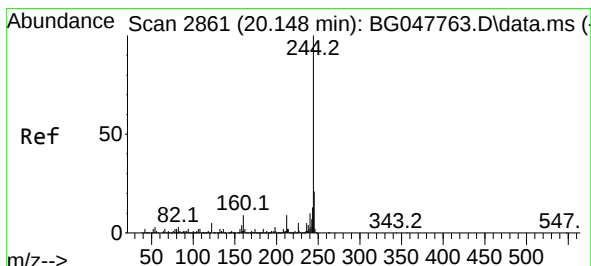
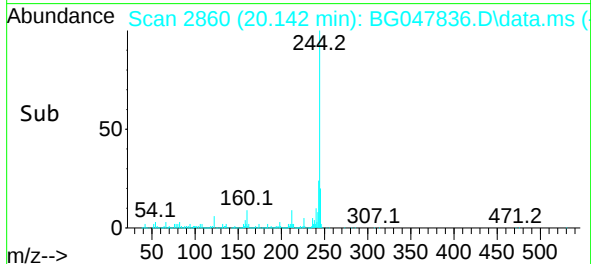
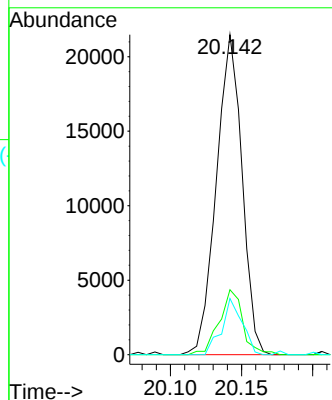
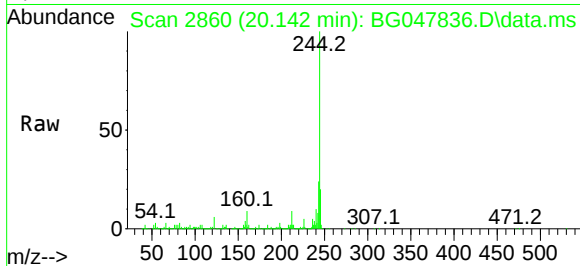




#77
Benzidine
Concen: 3.95 ng
RT: 20.142 min Scan# 2860
Delta R.T. 0.376 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

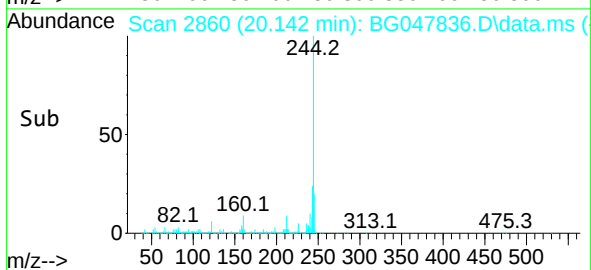
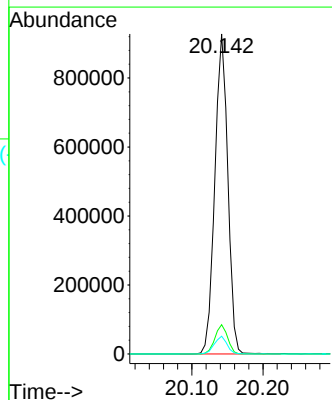
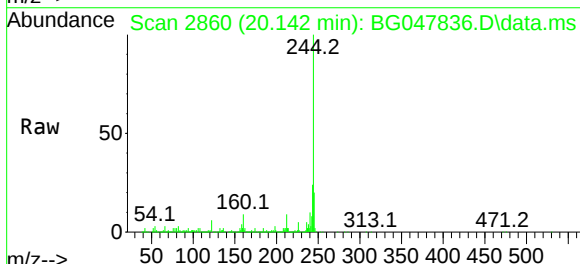
Instrument :
BNA_G
ClientSampleId :
PB133839BL

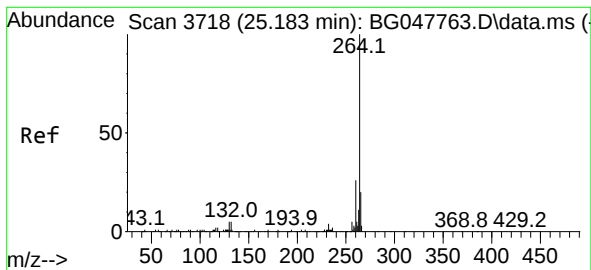
Tgt Ion:184 Resp: 26939
Ion Ratio Lower Upper
184 100
185 20.3 12.4 18.6#
183 17.6 10.6 15.8#



#79
Terphenyl-d14
Concen: 76.46 ng
RT: 20.142 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG047836.D
Acq: 29 Dec 2020 14:55

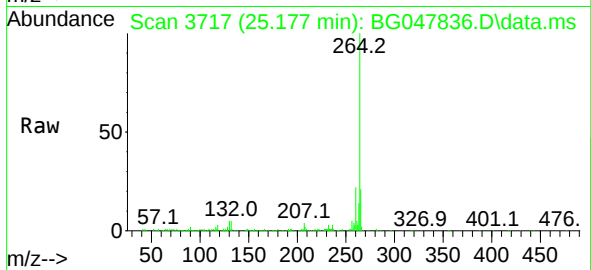
Tgt Ion:244 Resp: 1177920
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 5.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.177 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG047836.D
 Acq: 29 Dec 2020 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB133839BL



Tgt Ion:264	Resp:	251026
Ion Ratio	Lower	Upper
264	100	
260	21.8	18.8 28.2
265	20.7	17.8 26.8

