

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121720\
 Data File : BG047768.D
 Acq On : 17 Dec 2020 16:33
 Operator : CG/JU
 Sample : PB133427BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133427BL

Quant Time: Dec 17 17:10:10 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)

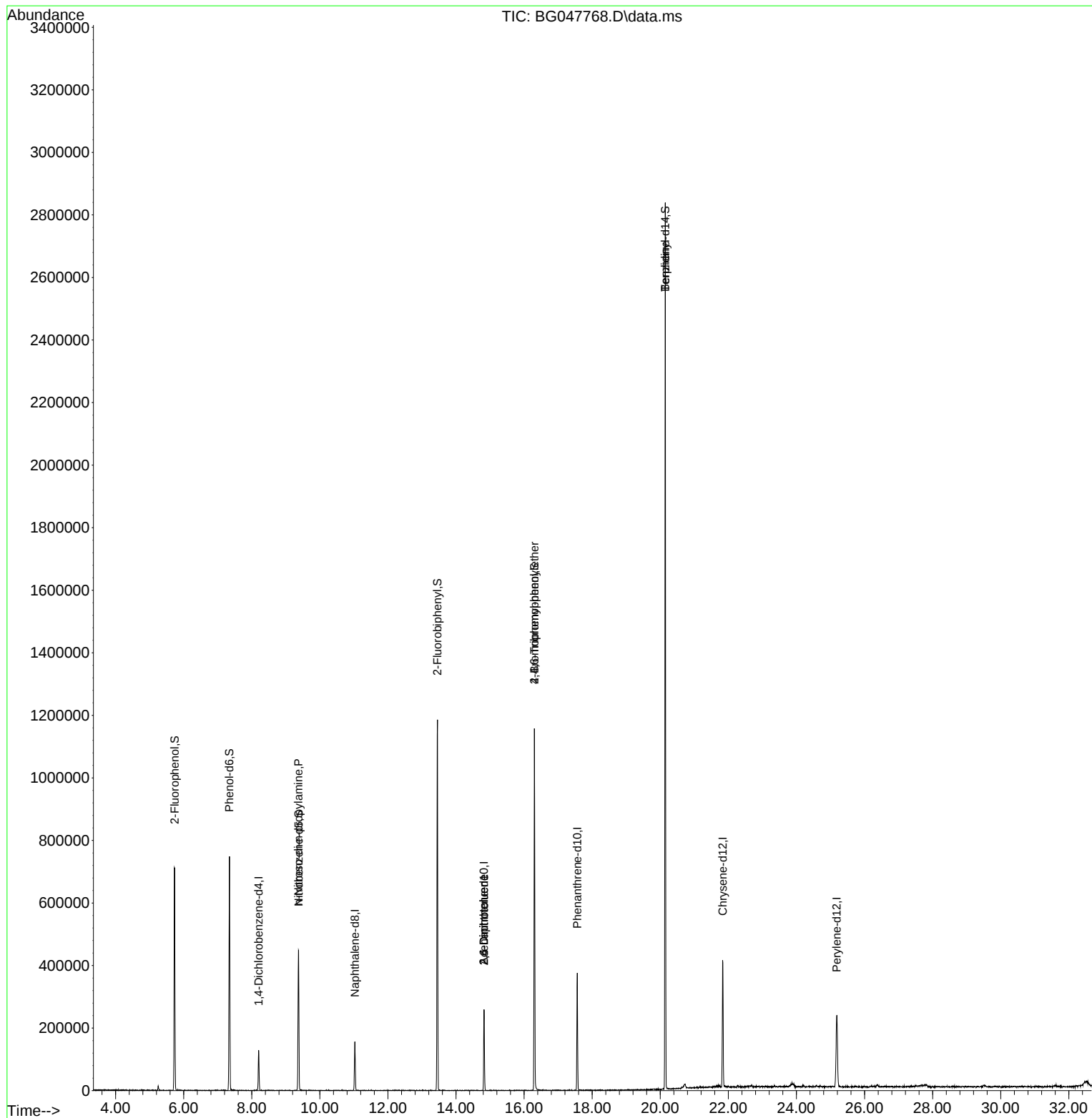
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	30749	20.00	ng	0.00
21) Naphthalene-d8	11.026	136	117757	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	92461	20.00	ng	0.00
64) Phenanthrene-d10	17.560	188	238408	20.00	ng	# 0.00
76) Chrysene-d12	21.831	240	271576	20.00	ng	# 0.00
86) Perylene-d12	25.180	264	271304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	258180	145.25	ng	0.00
7) Phenol-d6	7.343	99	343788	132.31	ng	0.00
23) Nitrobenzene-d5	9.375	82	269795	84.27	ng	0.00
42) 2,4,6-Tribromophenol	16.303	330	199702	126.52	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	587980	82.29	ng	0.00
79) Terphenyl-d14	20.145	244	1208905	73.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.370	70	44740	24.74	ng	# 75
51) 2,6-Dinitrotoluene	14.822	165	12946	7.99	ng	# 35
57) 2,4-Dinitrotoluene	14.822	165	12946	5.37	ng	# 33
67) 4-Bromophenyl-phenylether	16.303	248	13507	4.22	ng	# 1
70) Pentachlorophenol	17.478	266	69	Below Cal		# 19
77) Benzidine	20.145	184	27065	3.71	ng	# 90

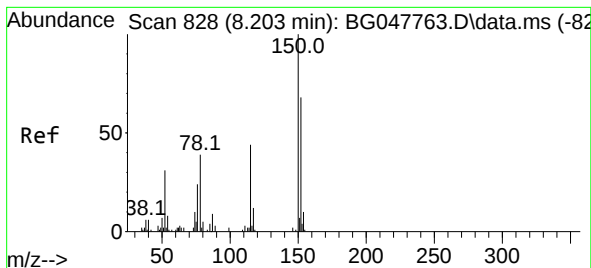
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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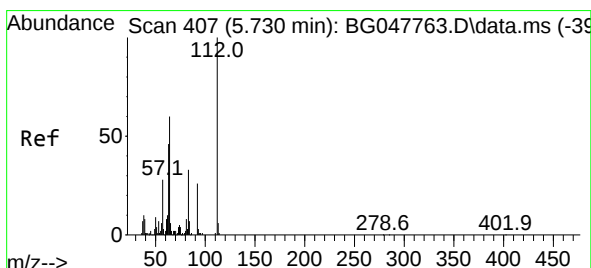
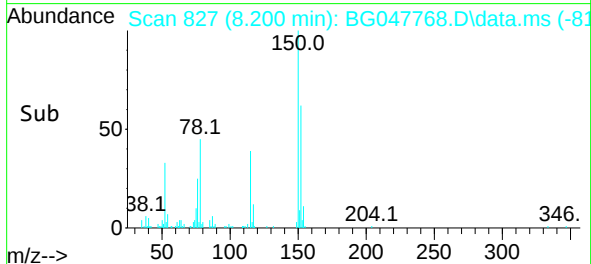
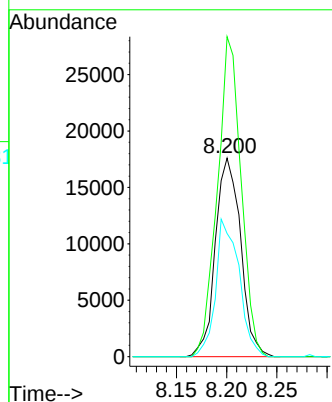
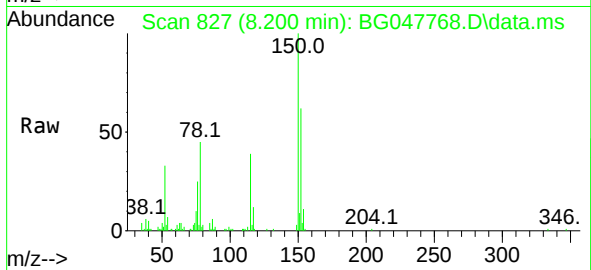




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.200 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

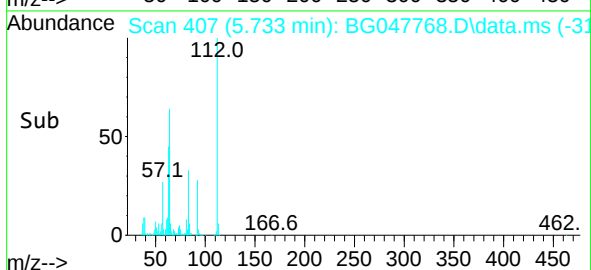
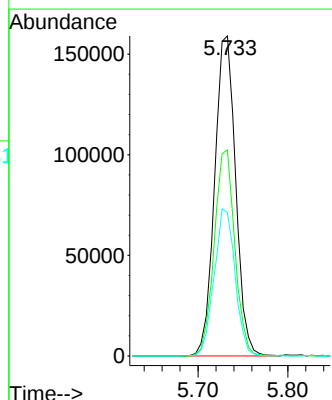
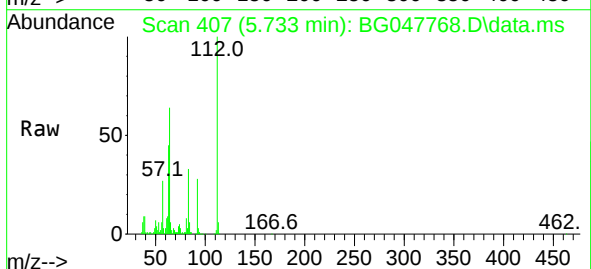
Instrument :
BNA_G
ClientSampleId :
PB133427BL

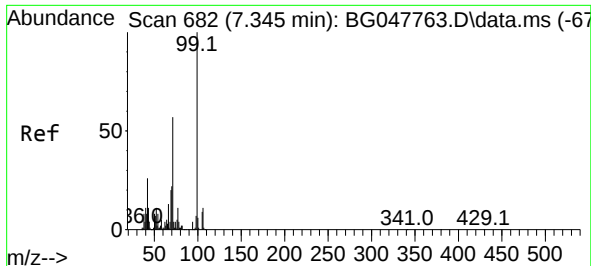
Tgt Ion:152 Resp: 30749
Ion Ratio Lower Upper
152 100
150 161.1 125.0 187.6
115 62.0 41.8 62.6



#5
2-Fluorophenol
Concen: 145.25 ng
RT: 5.733 min Scan# 407
Delta R.T. 0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion:112 Resp: 258180
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 44.9 22.8 34.2#

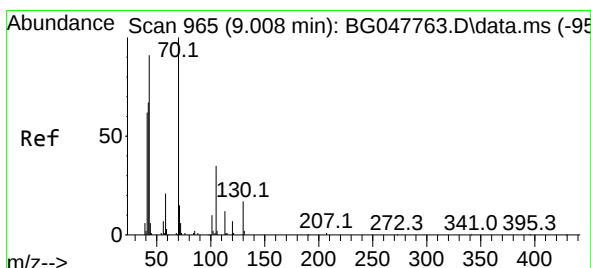
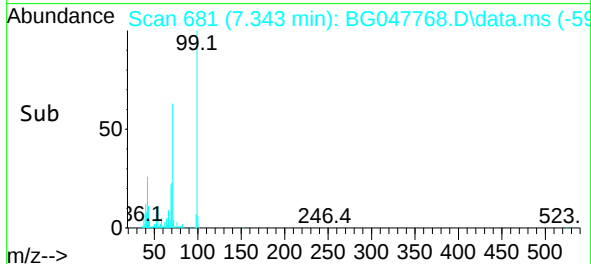
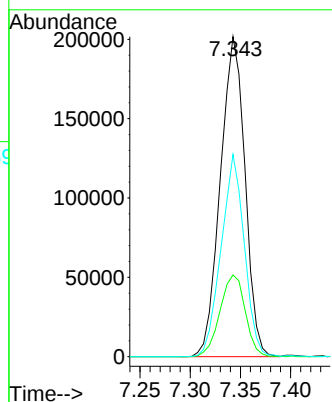
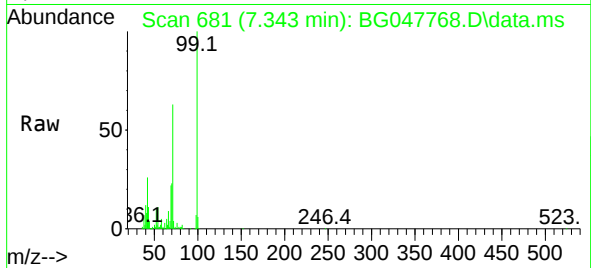




#7
Phenol-d6
Concen: 132.31 ng
RT: 7.343 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

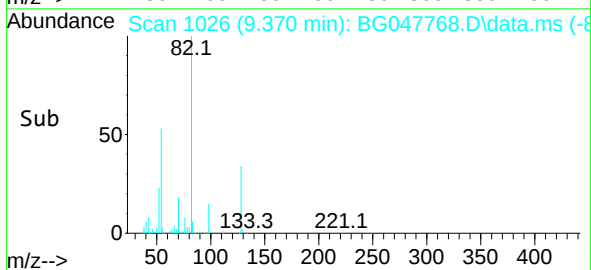
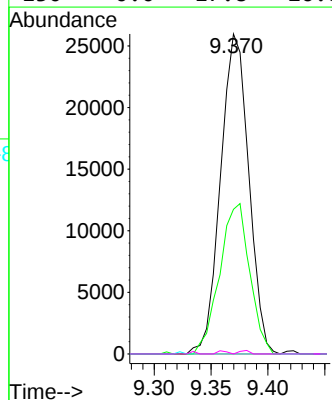
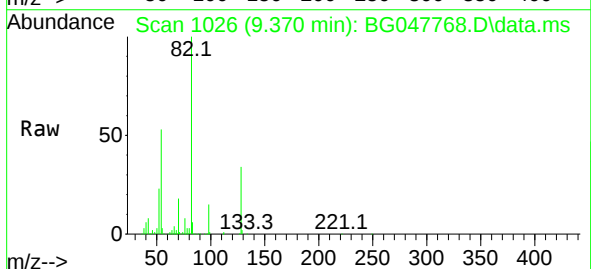
Instrument :
BNA_G
ClientSampleId :
PB133427BL

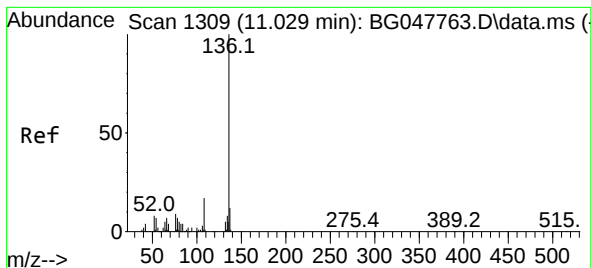
Tgt Ion: 99 Resp: 343788
Ion Ratio Lower Upper
99 100
42 25.6 12.8 19.2#
71 63.2 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 24.74 ng
RT: 9.370 min Scan# 1026
Delta R.T. 0.361 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion: 70 Resp: 44740
Ion Ratio Lower Upper
70 100
42 45.2 45.6 68.4#
101 0.0 8.4 12.6#
130 0.0 17.8 26.8#

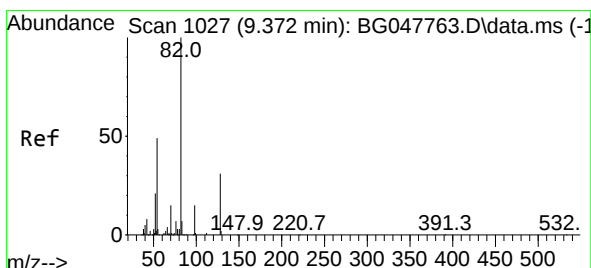
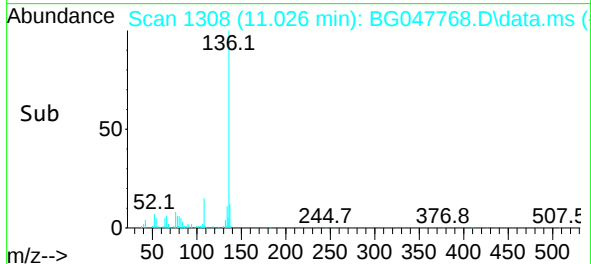
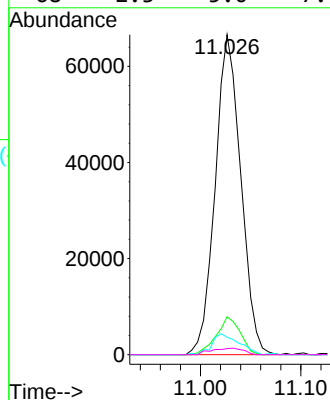
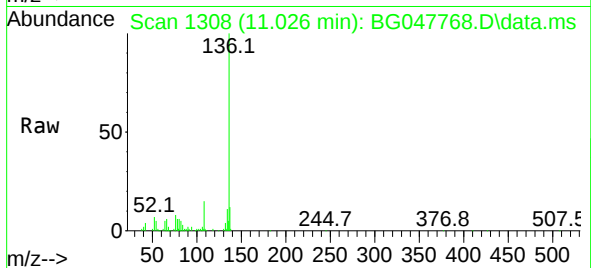




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.026 min Scan# 1308
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

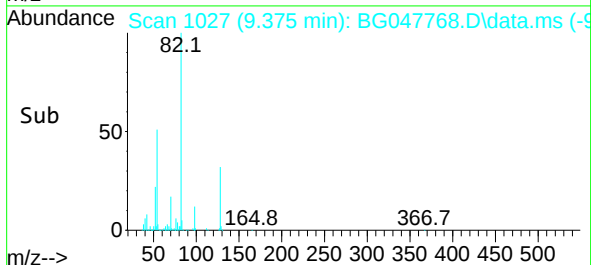
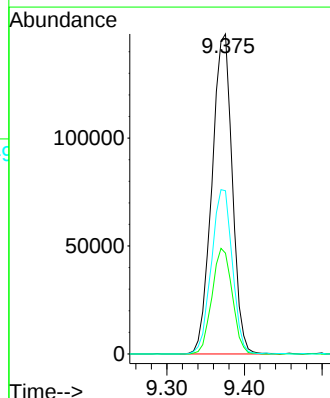
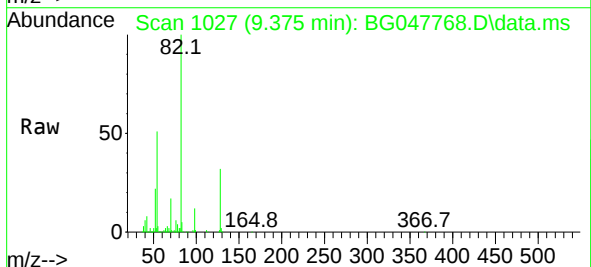
Instrument :
BNA_G
ClientSampleId :
PB133427BL

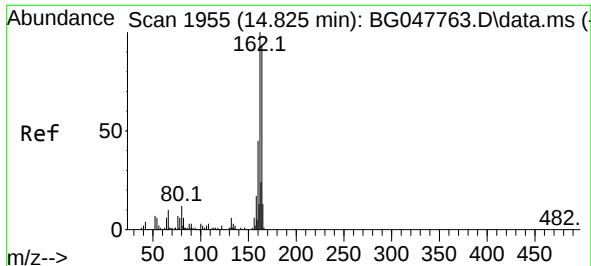
Tgt Ion:	136	Resp:	117757
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	5.4	6.2	9.4#
68	2.3	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 84.27 ng
RT: 9.375 min Scan# 1027
Delta R.T. 0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion:	82	Resp:	269795
Ion	Ratio	Lower	Upper
82	100		
128	31.5	37.0	55.6#
54	51.0	39.0	58.4

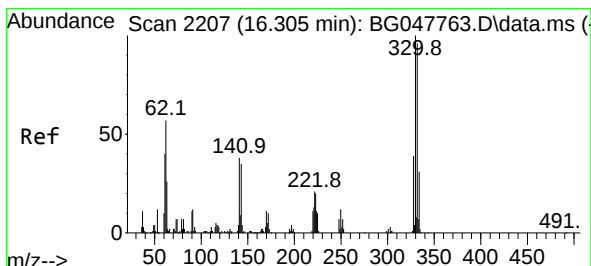
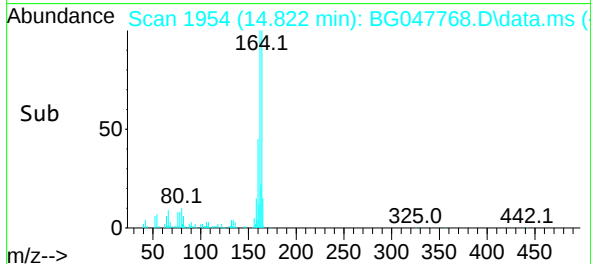
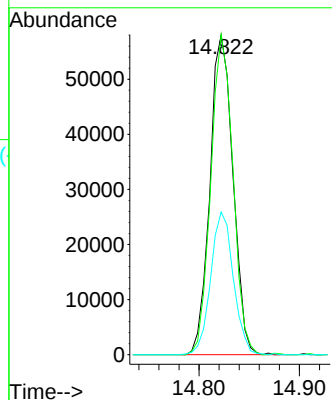
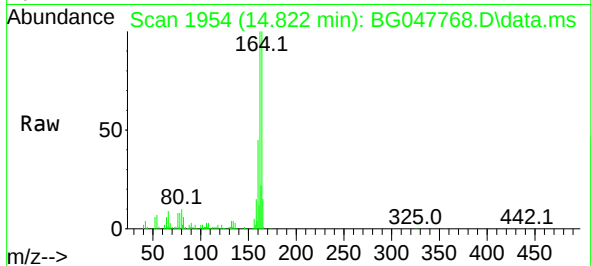




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

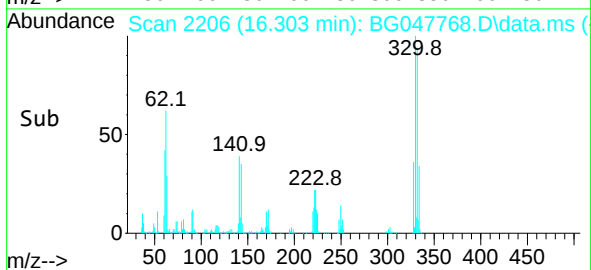
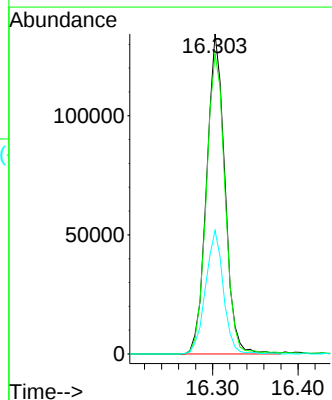
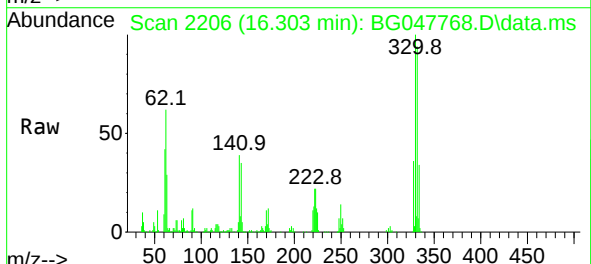
Instrument :
BNA_G
ClientSampleId :
PB133427BL

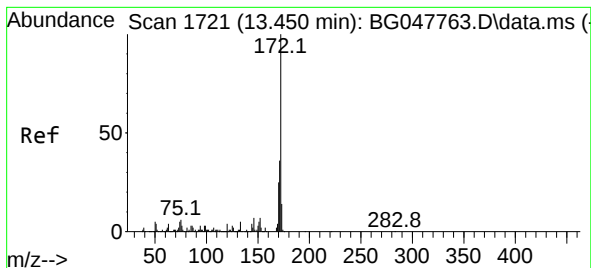
Tgt Ion:164 Resp: 92461
Ion Ratio Lower Upper
164 100
162 100.1 82.3 123.5
160 44.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 126.52 ng
RT: 16.303 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion:330 Resp: 199702
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 37.7 26.0 39.0

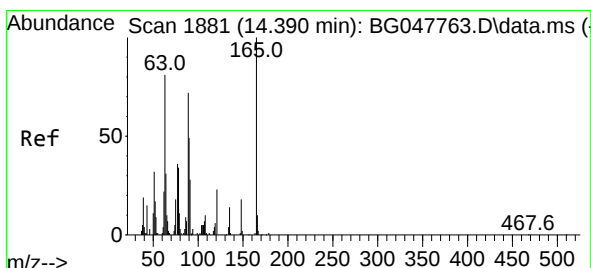
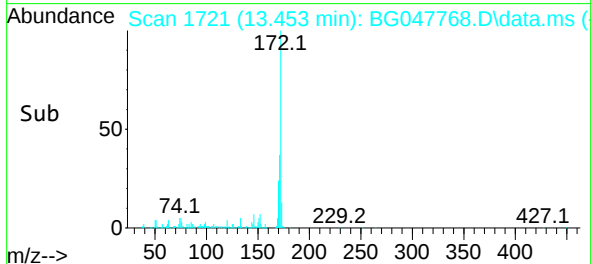
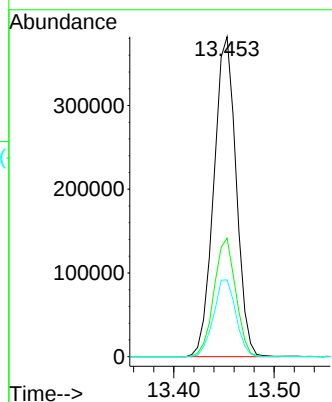
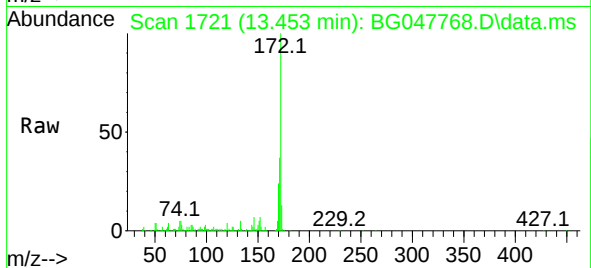




#45
2-Fluorobiphenyl
Concen: 82.29 ng
RT: 13.453 min Scan# 1721
Delta R.T. 0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

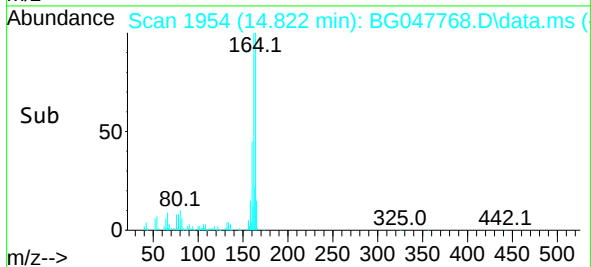
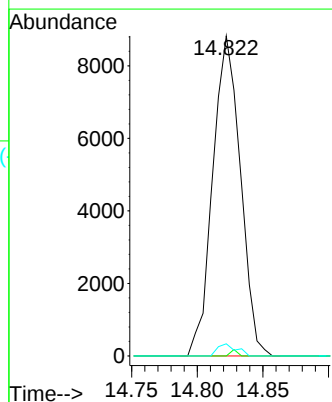
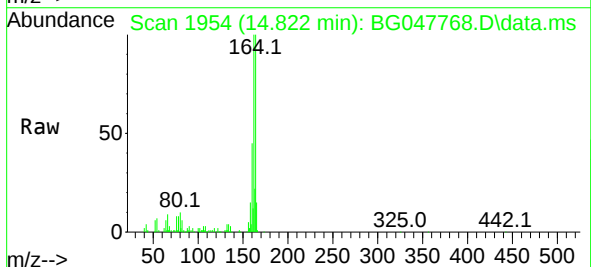
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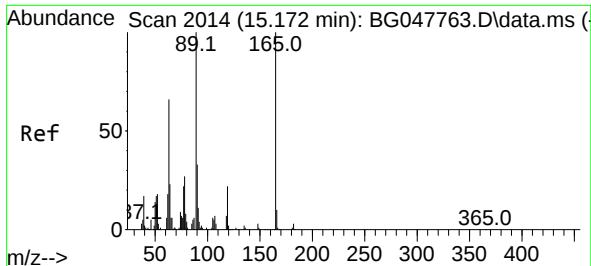
Tgt Ion:172 Resp: 587980
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 24.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 14.822 min Scan# 1954
Delta R.T. 0.432 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion:165 Resp: 12946
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 3.8 36.6 54.8#

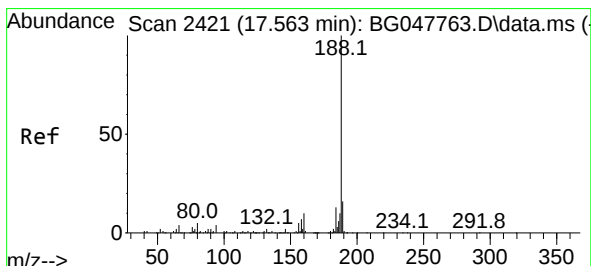
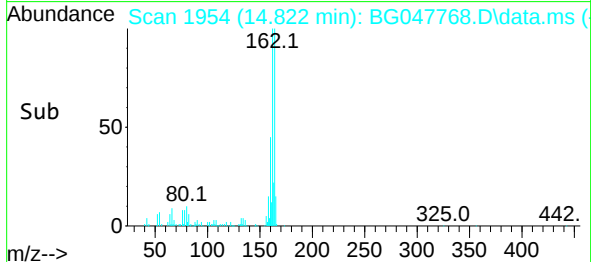
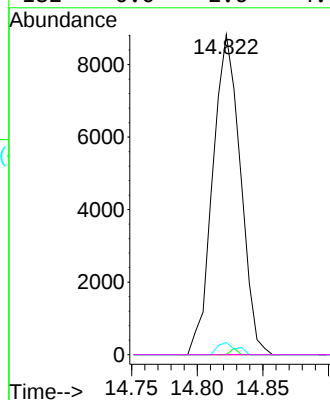
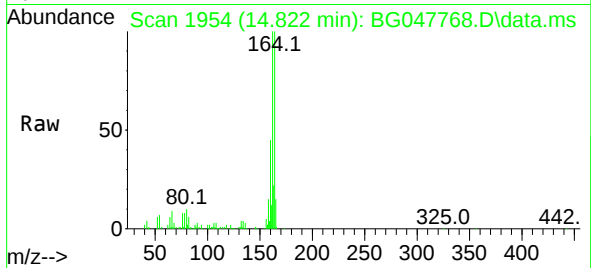




#57
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 14.822 min Scan# 1954
Delta R.T. -0.349 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

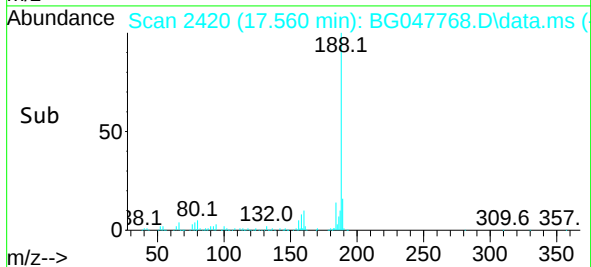
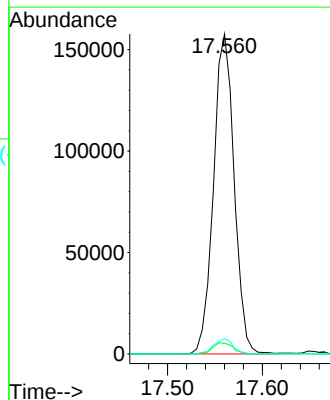
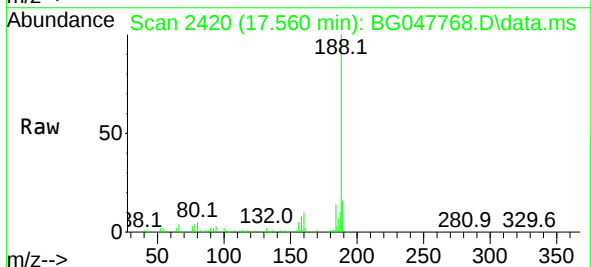
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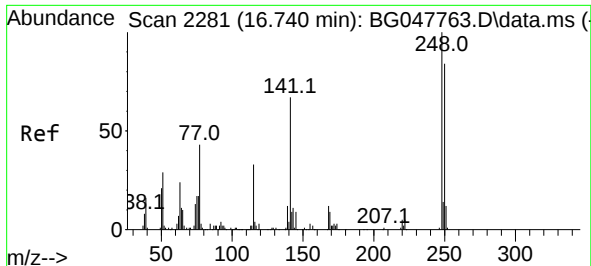
Tgt Ion:165 Resp: 12946
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 3.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.560 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion:188 Resp: 238408
Ion Ratio Lower Upper
188 100
94 3.3 6.3 9.5#
80 4.8 7.0 10.6#

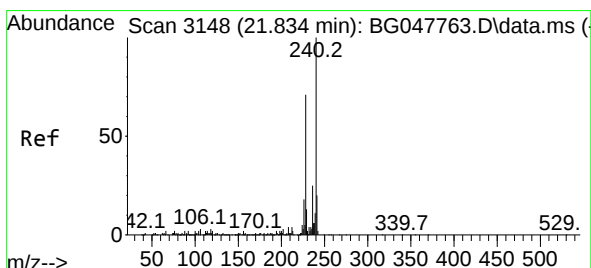
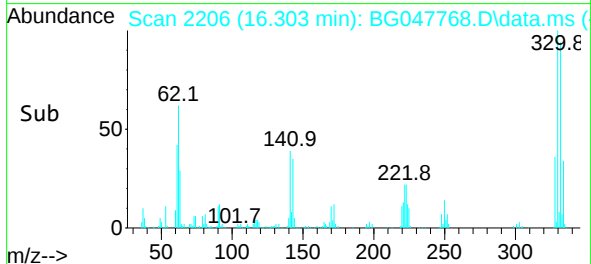
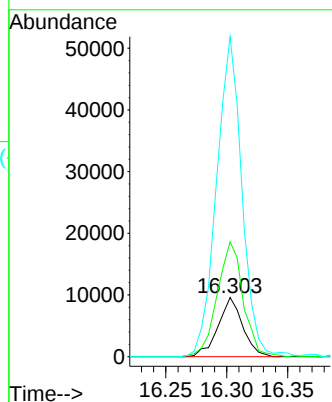
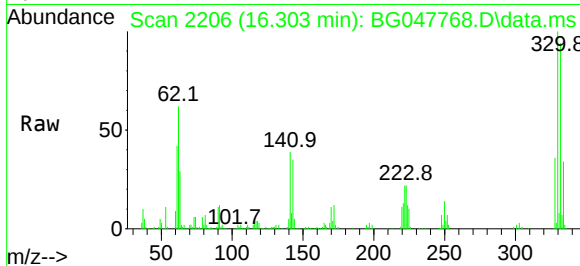




#67
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 16.303 min Scan# 2206
Delta R.T. -0.438 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

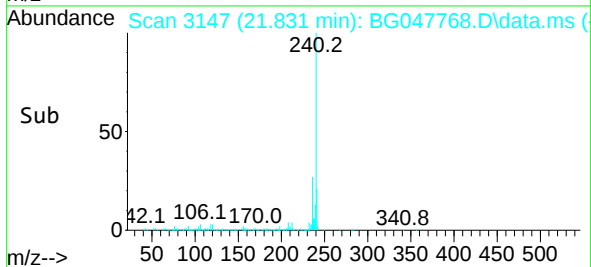
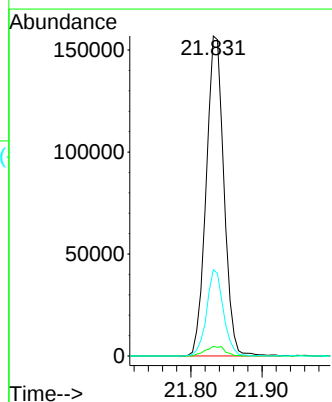
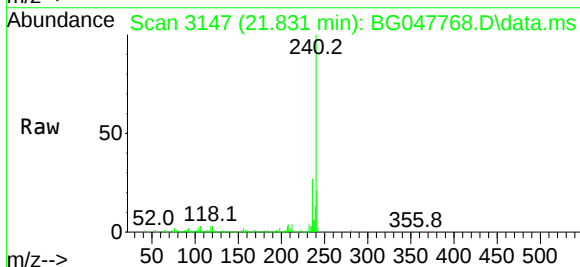
Instrument :
BNA_G
ClientSampleId :
PB133427BL

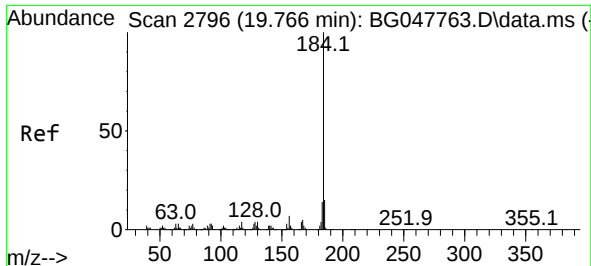
Tgt Ion:248 Resp: 13507
Ion Ratio Lower Upper
248 100
250 194.2 78.9 118.3#
141 540.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.831 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion:240 Resp: 271576
Ion Ratio Lower Upper
240 100
120 3.0 6.2 9.4#
236 27.0 20.5 30.7

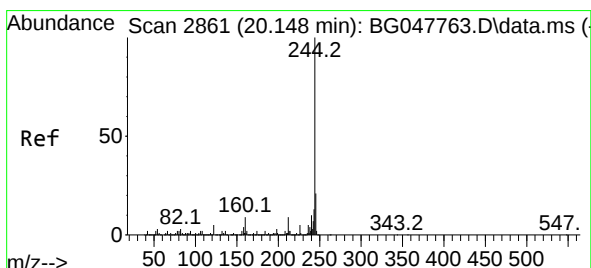
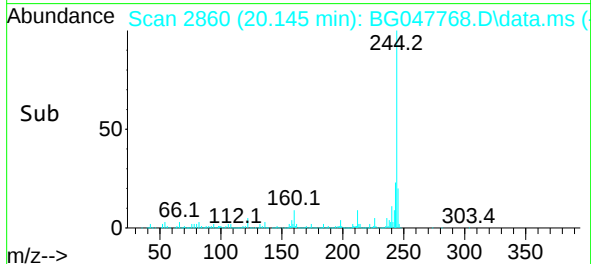
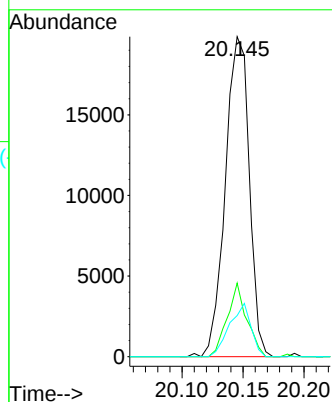
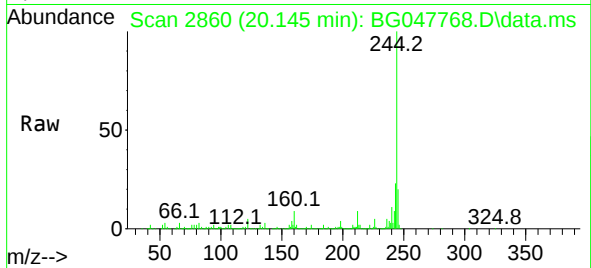




#77
Benzidine
Concen: 3.71 ng
RT: 20.145 min Scan# 2860
Delta R.T. 0.379 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

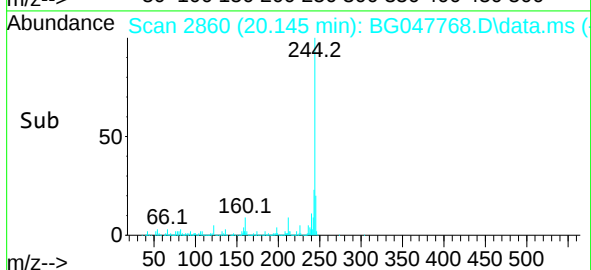
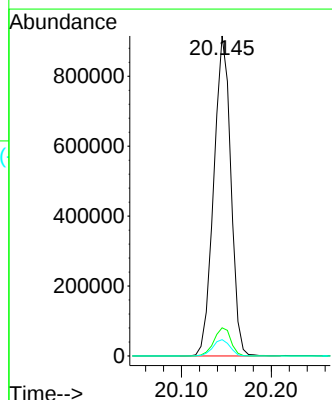
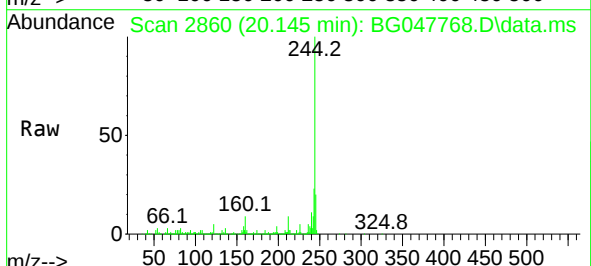
Instrument :
BNA_G
ClientSampleId :
PB133427BL

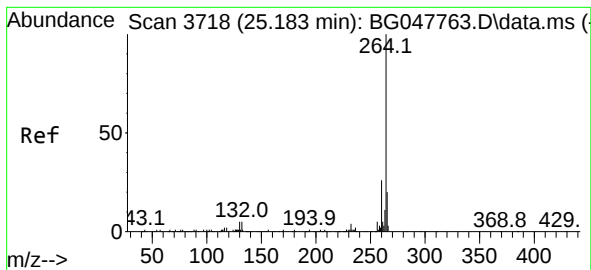
Tgt Ion:184 Resp: 27065
Ion Ratio Lower Upper
184 100
185 23.0 12.4 18.6#
183 12.9 10.6 15.8



#79
Terphenyl-d14
Concen: 73.35 ng
RT: 20.145 min Scan# 2860
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Tgt Ion:244 Resp: 1208905
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 5.1 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.180 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG047768.D
Acq: 17 Dec 2020 16:33

Instrument :
BNA_G
ClientSampleId :
PB133427BL

Tgt Ion:264 Resp: 271304

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	23.4	17.8	26.8

