

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010621\
 Data File : BG047878.D
 Acq On : 6 Jan 2021 16:21
 Operator : CG/JU
 Sample : PB133938BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133938BL

Quant Time: Jan 06 17:06:44 2021
 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)

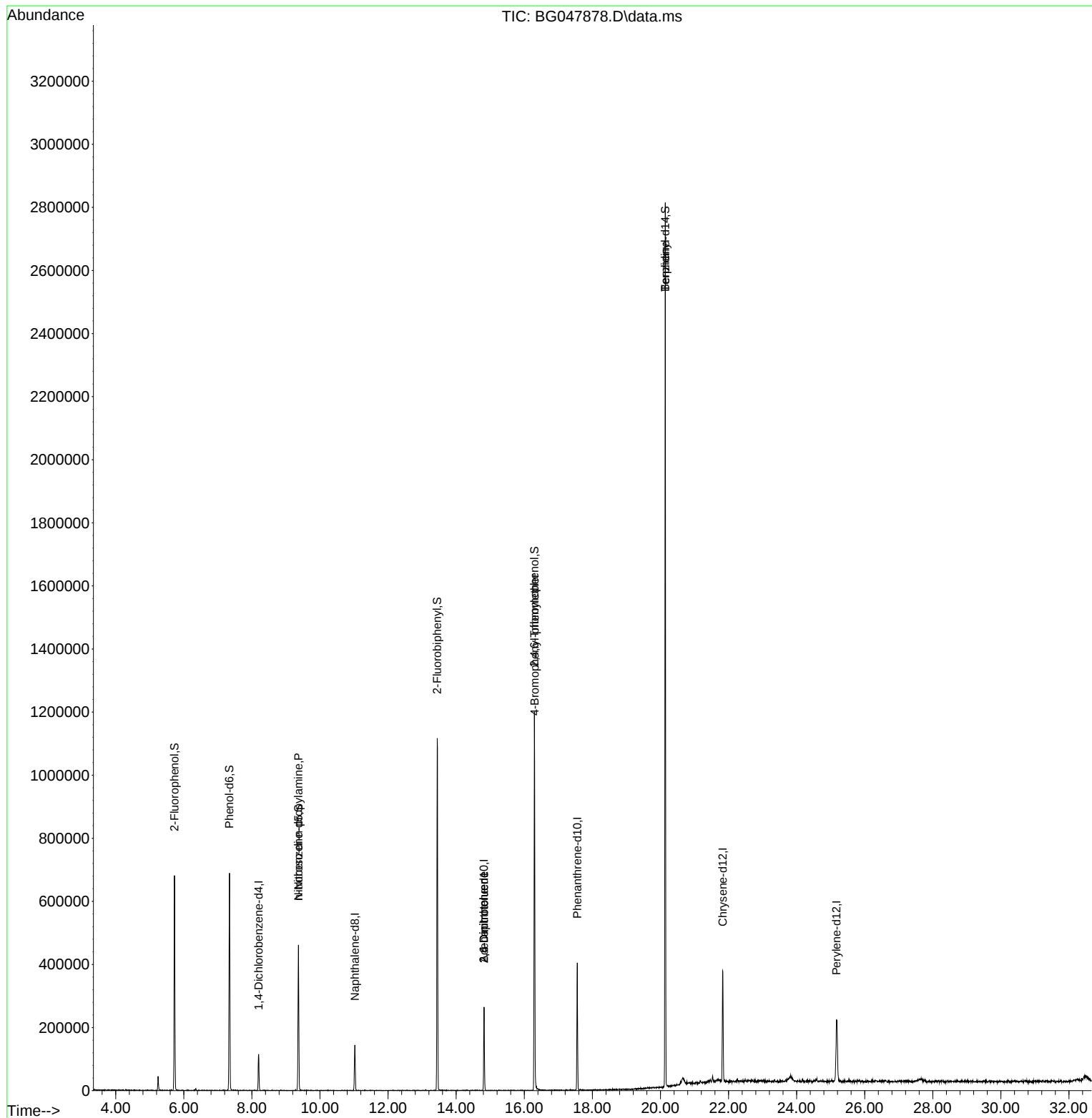
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	30309	20.00	ng	# 0.00
21) Naphthalene-d8	11.023	136	115285	20.00	ng	# 0.00
39) Acenaphthene-d10	14.819	164	91338	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	249057	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	232419	20.00	ng	# 0.00
86) Perylene-d12	25.171	264	229496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.723	112	249171	142.22	ng	0.00
7) Phenol-d6	7.339	99	339172	132.43	ng	0.00
23) Nitrobenzene-d5	9.366	82	263133	83.95	ng	0.00
42) 2,4,6-Tribromophenol	16.299	330	227361	145.81	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	587379	83.22	ng	0.00
79) Terphenyl-d14	20.142	244	1180865	83.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.366	70	42117	23.63	ng	# 81
51) 2,6-Dinitrotoluene	14.819	165	12249	7.65	ng	# 36
57) 2,4-Dinitrotoluene	14.819	165	12249	5.15	ng	# 35
67) 4-Bromophenyl-phenylether	16.305	248	16013	4.78	ng	# 1
70) Pentachlorophenol	17.304	266	123	Below Cal		# 19
77) Benzidine	20.142	184	26370	4.22	ng	97

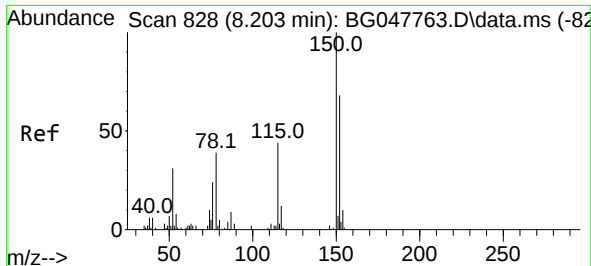
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

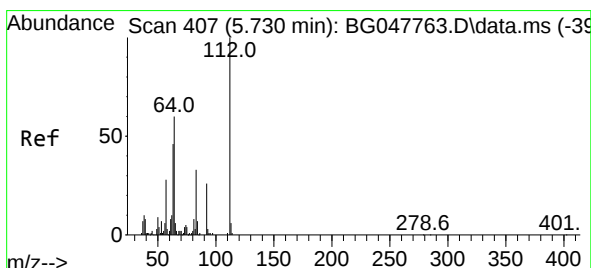
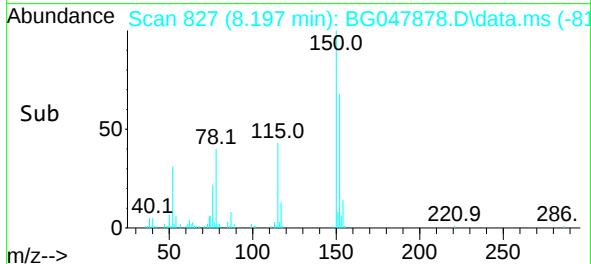
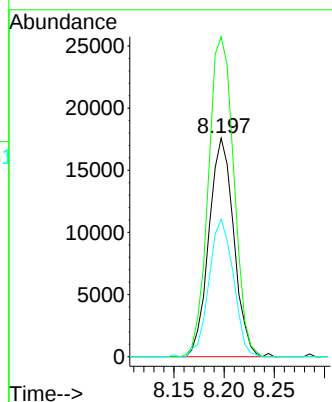
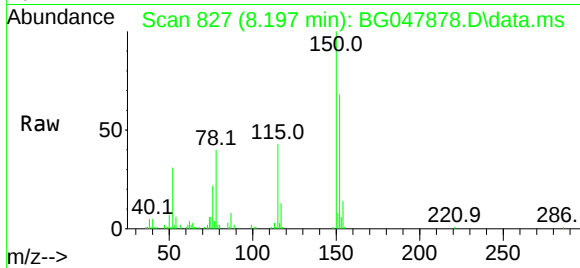




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

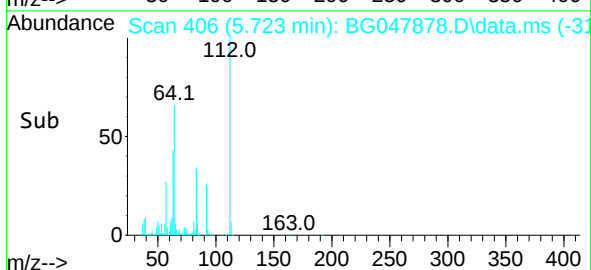
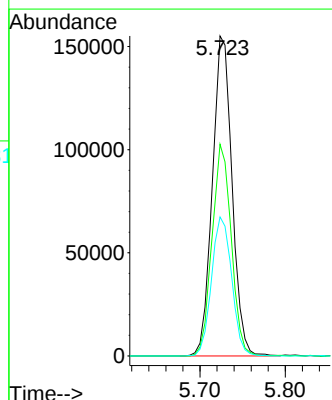
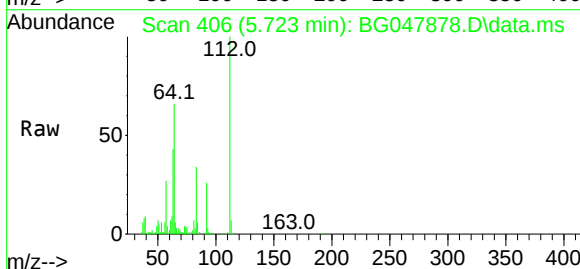
Instrument :
BNA_G
ClientSampleId :
PB133938BL

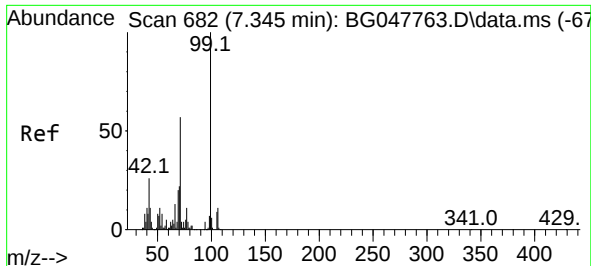
Tgt Ion:152 Resp: 30309
Ion Ratio Lower Upper
152 100
150 146.5 125.0 187.6
115 62.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 142.22 ng
RT: 5.723 min Scan# 406
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:112 Resp: 249171
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 43.5 22.8 34.2#

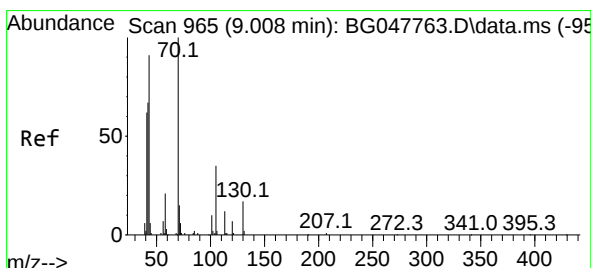
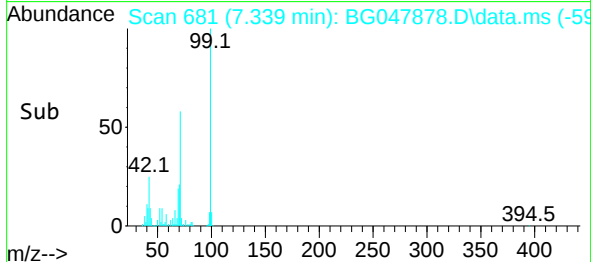
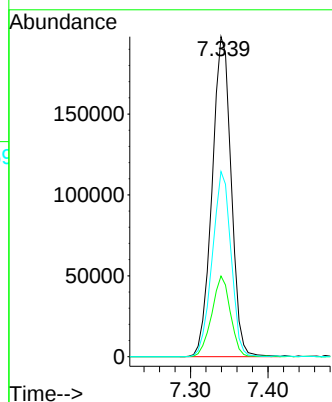
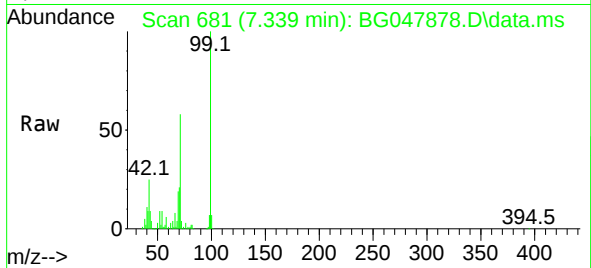




#7
Phenol-d6
Concen: 132.43 ng
RT: 7.339 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

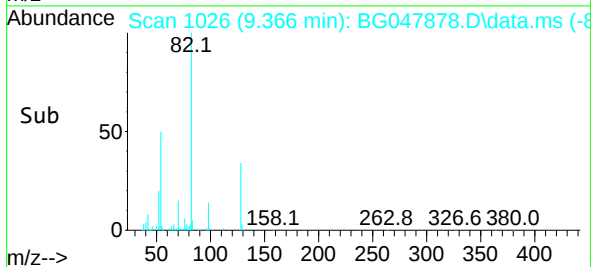
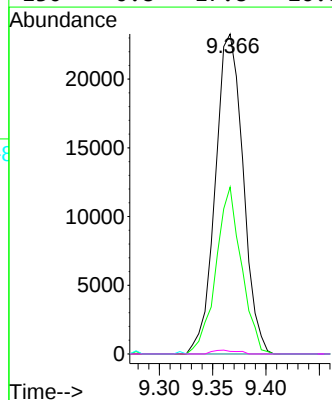
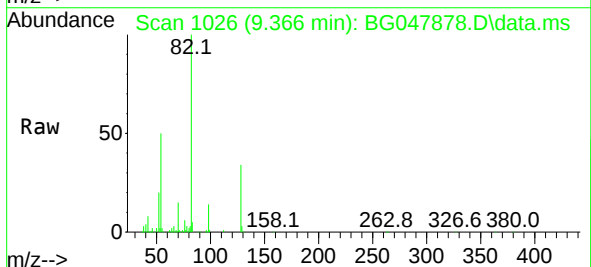
Instrument :
BNA_G
ClientSampleId :
PB133938BL

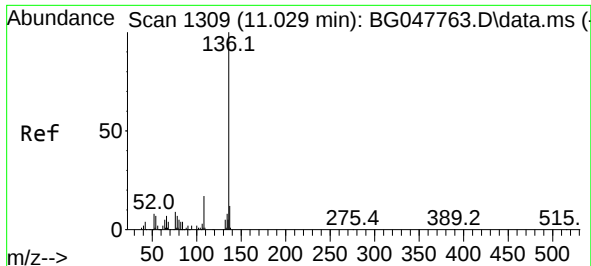
Tgt Ion: 99 Resp: 339172
Ion Ratio Lower Upper
99 100
42 25.2 12.8 19.2#
71 57.9 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 23.63 ng
RT: 9.366 min Scan# 1026
Delta R.T. 0.358 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion: 70 Resp: 42117
Ion Ratio Lower Upper
70 100
42 52.2 45.6 68.4
101 0.0 8.4 12.6#
130 0.8 17.8 26.8#

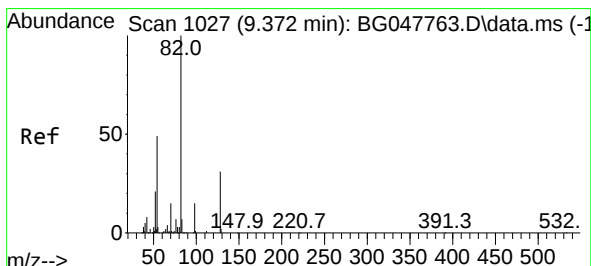
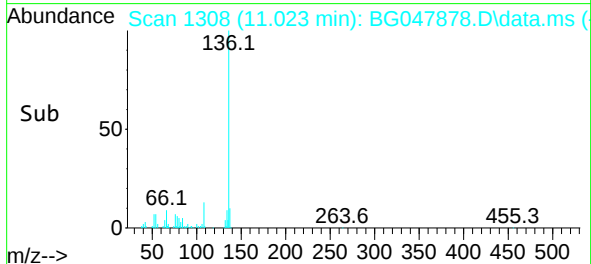
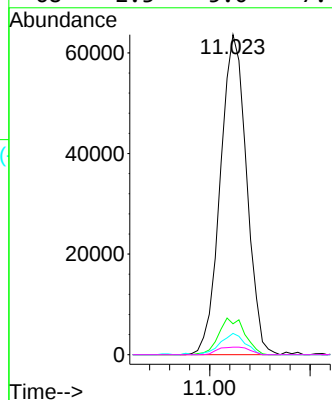
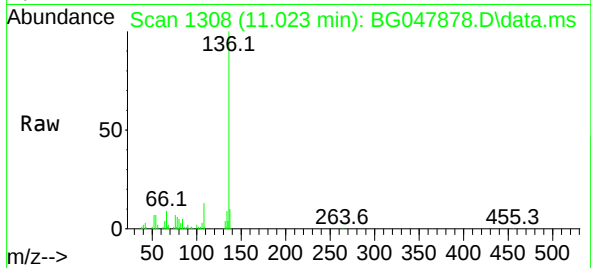




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

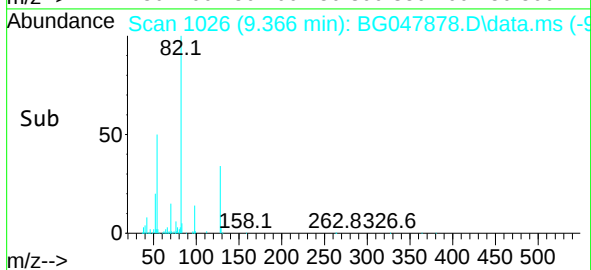
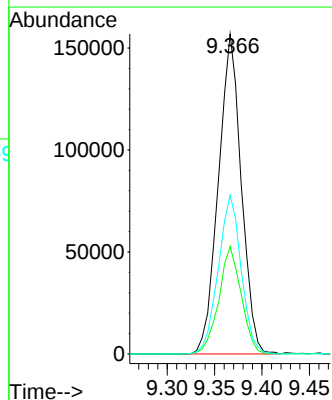
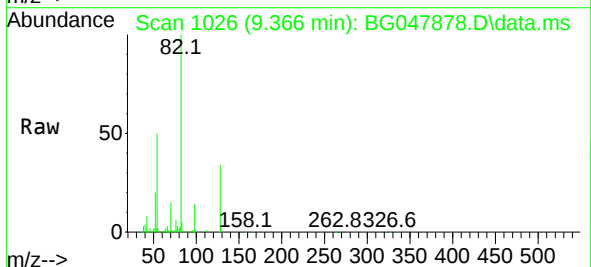
Instrument :
BNA_G
ClientSampleId :
PB133938BL

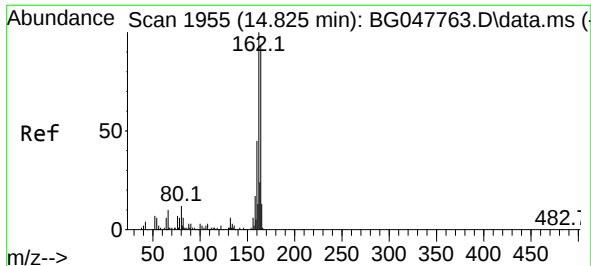
Tgt Ion:	136	Resp:	115285
Ion Ratio	Lower	Upper	
136	100		
137	9.7	9.1	13.7
54	6.6	6.2	9.4
68	2.3	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 83.95 ng
RT: 9.366 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:	82	Resp:	263133
Ion Ratio	Lower	Upper	
82	100		
128	33.6	37.0	55.6#
54	49.6	39.0	58.4

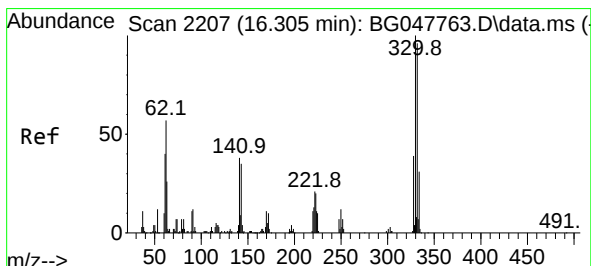
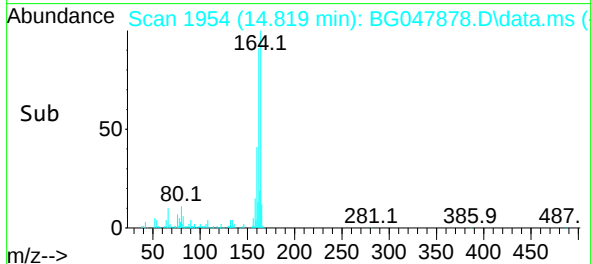
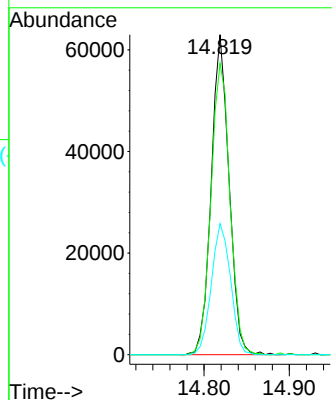
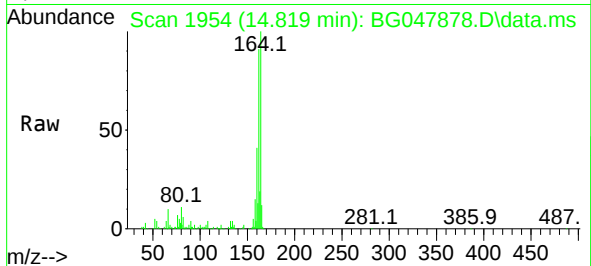




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

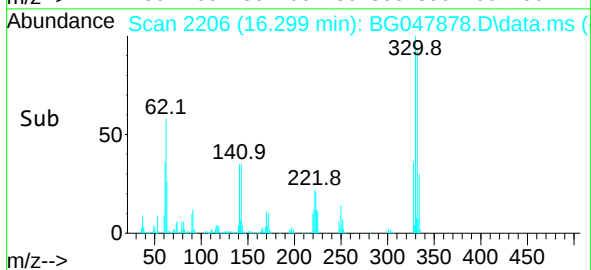
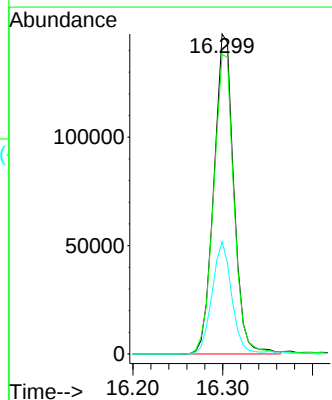
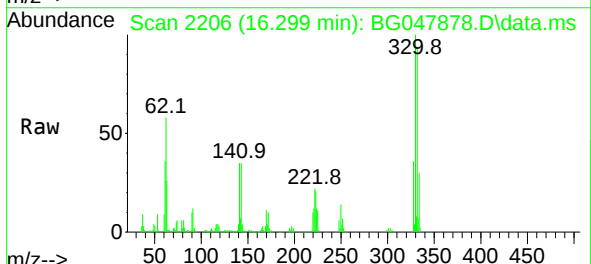
Instrument :
BNA_G
ClientSampleId :
PB133938BL

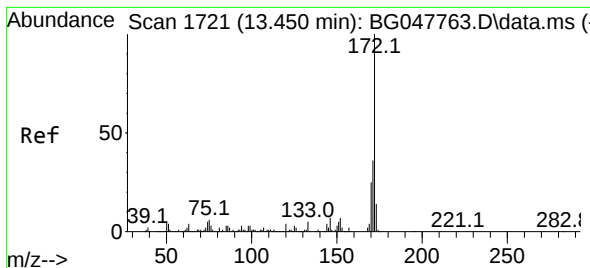
Tgt Ion:164 Resp: 91338
Ion Ratio Lower Upper
164 100
162 91.1 82.3 123.5
160 41.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 145.81 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:330 Resp: 227361
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.2 26.0 39.0

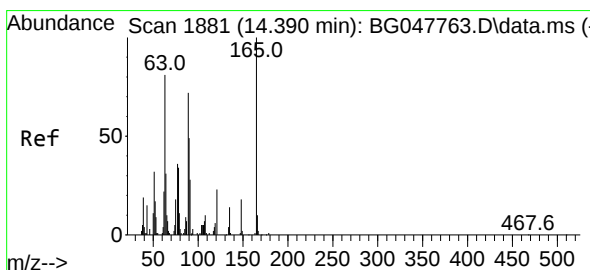
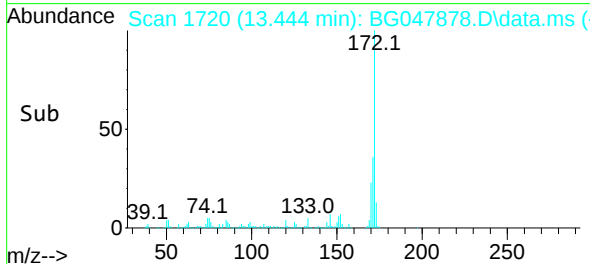
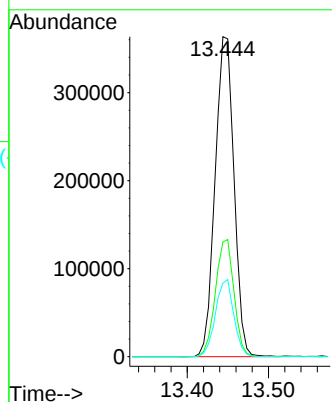
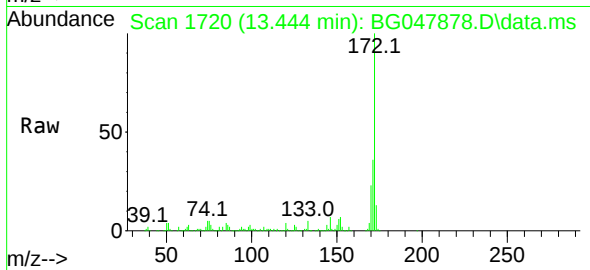




#45
2-Fluorobiphenyl
Concen: 83.22 ng
RT: 13.444 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

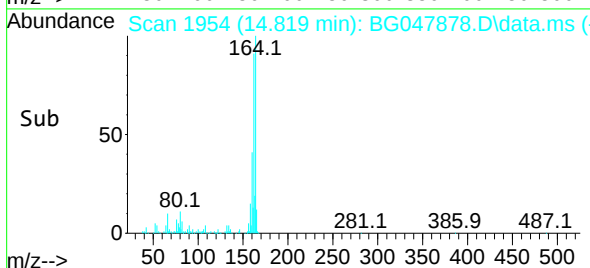
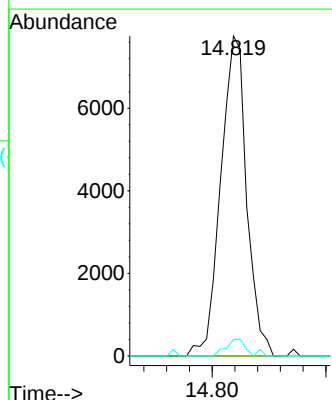
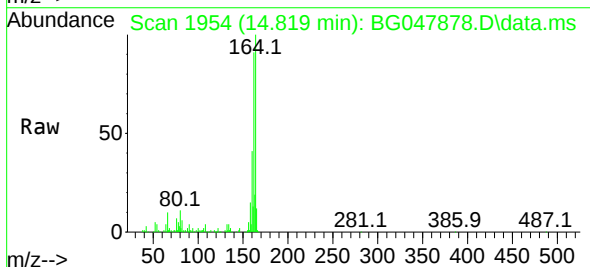
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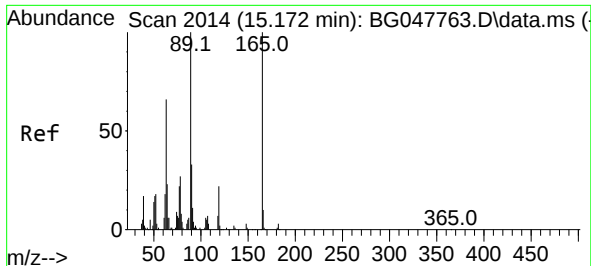
Tgt Ion:172 Resp: 587379
Ion Ratio Lower Upper
172 100
171 35.9 31.3 46.9
170 23.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 14.819 min Scan# 1954
Delta R.T. 0.429 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:165 Resp: 12249
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 5.2 36.6 54.8#

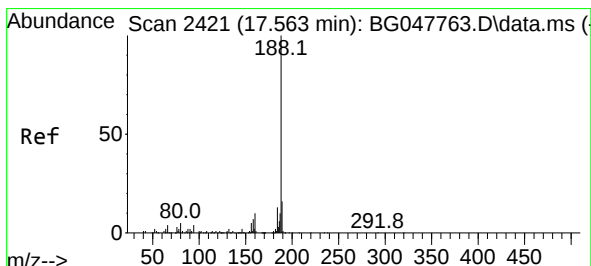
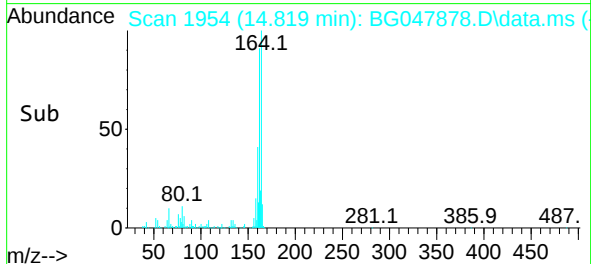
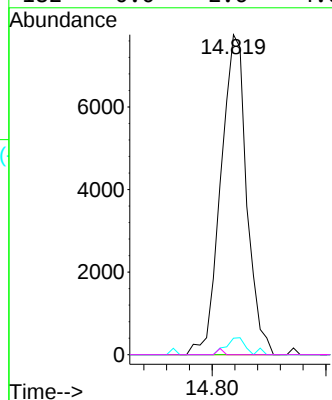
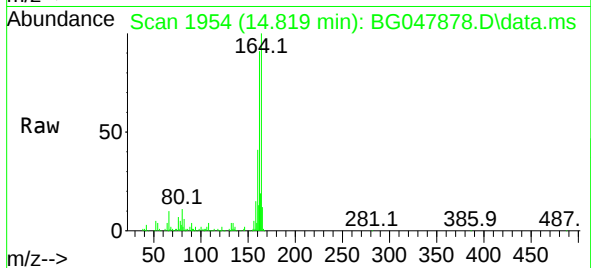




#57
2,4-Dinitrotoluene
Concen: 5.15 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.353 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

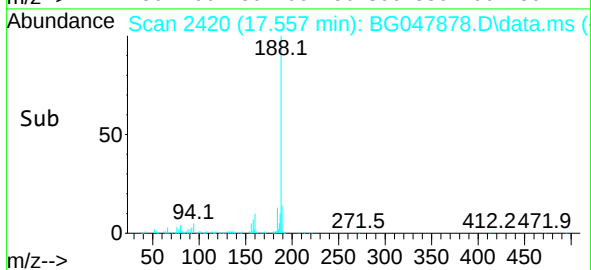
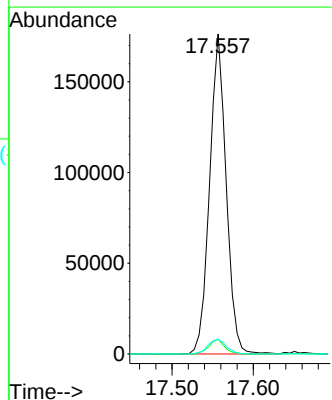
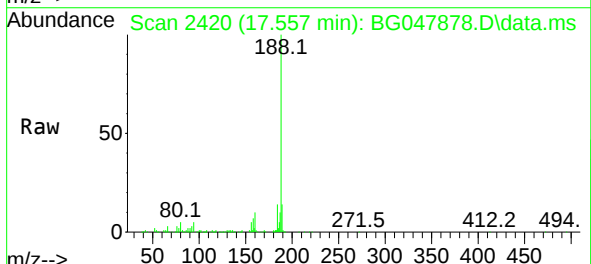
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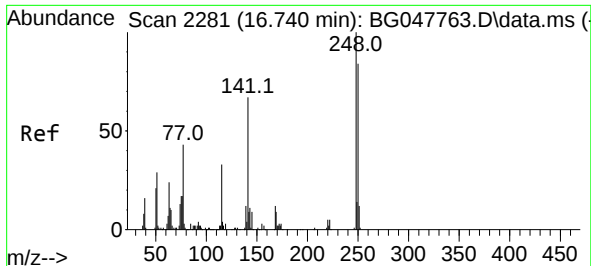
Tgt Ion:165 Resp: 12249
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 5.2 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:188 Resp: 249057
Ion Ratio Lower Upper
188 100
94 4.6 6.3 9.5#
80 4.6 7.0 10.6#

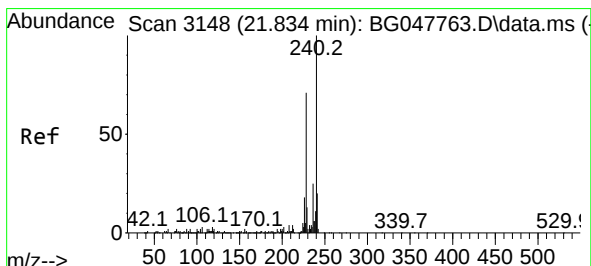
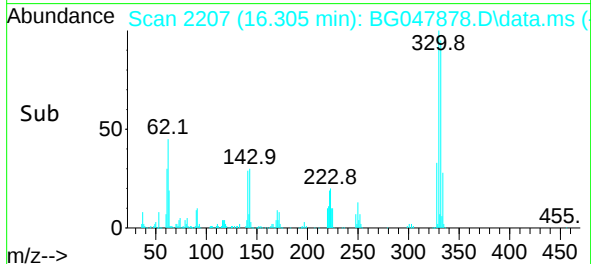
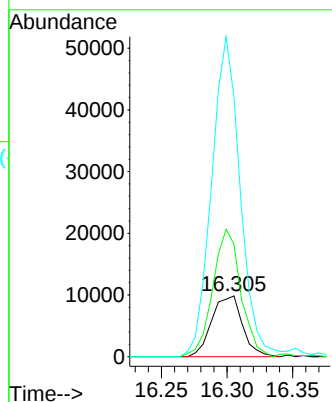
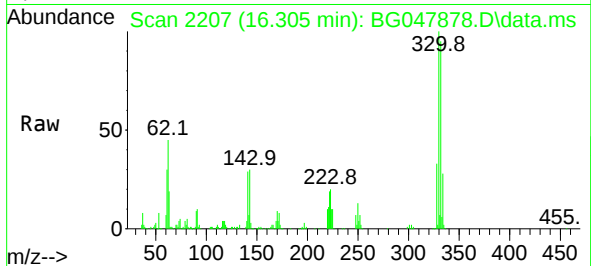




#67
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 16.305 min Scan# 2207
Delta R.T. -0.435 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

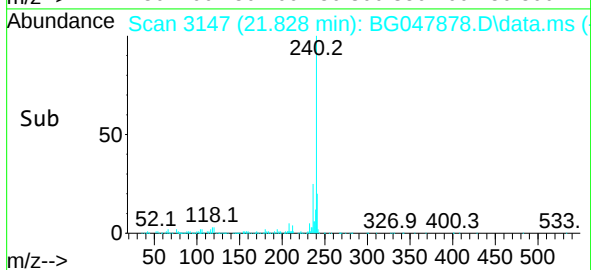
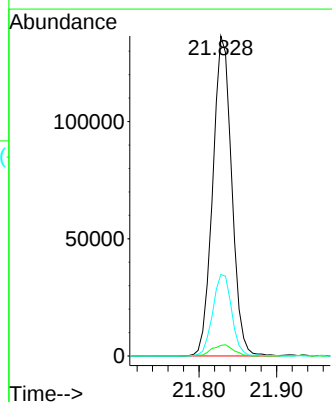
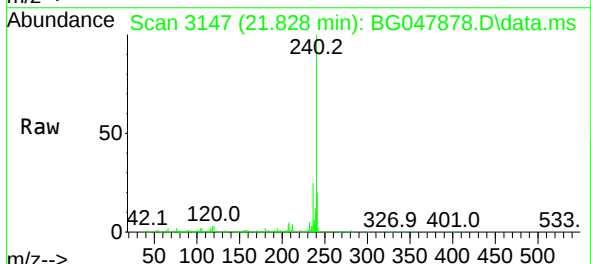
Instrument :
BNA_G
ClientSampleId :
PB133938BL

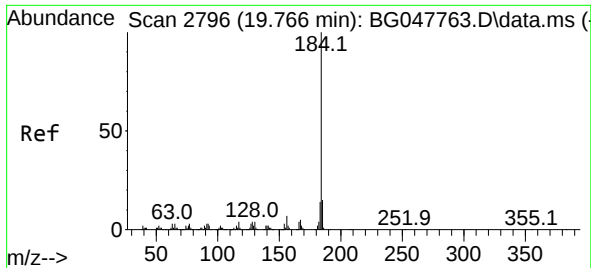
Tgt Ion:248 Resp: 16013
Ion Ratio Lower Upper
248 100
250 185.1 78.9 118.3#
141 427.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:240 Resp: 232419
Ion Ratio Lower Upper
240 100
120 3.3 6.2 9.4#
236 25.5 20.5 30.7

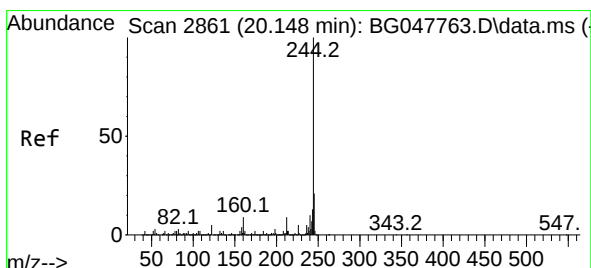
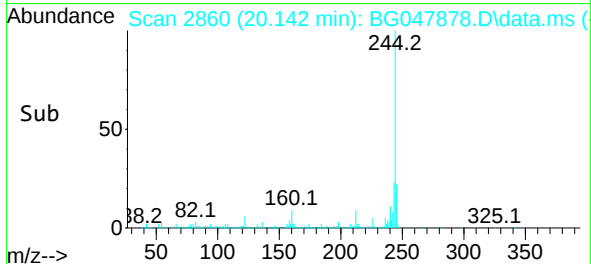
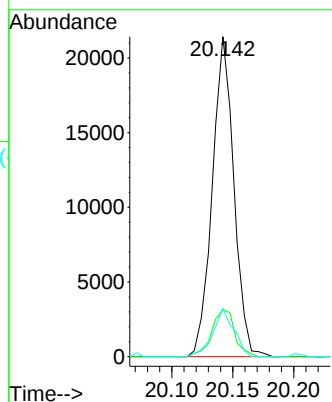
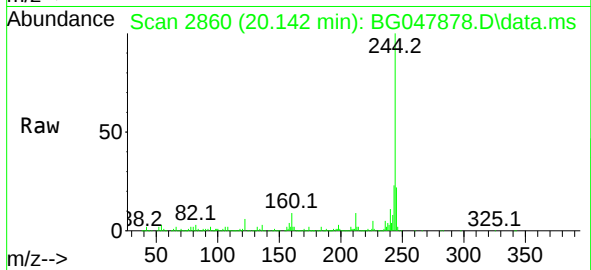




#77
Benzidine
Concen: 4.22 ng
RT: 20.142 min Scan# 2860
Delta R.T. 0.376 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

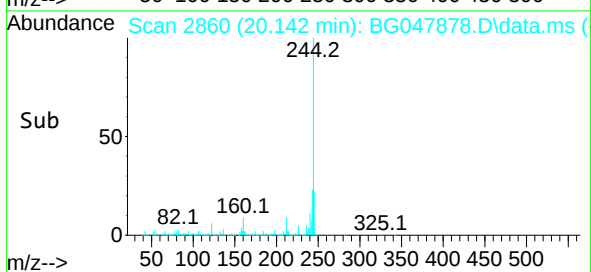
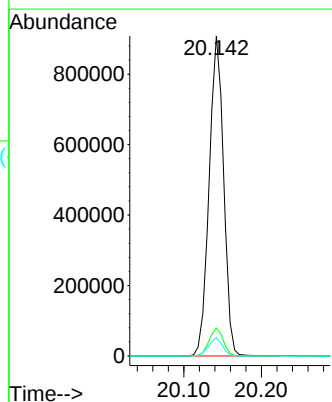
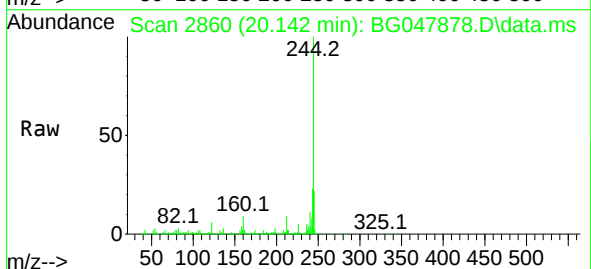
Instrument :
BNA_G
ClientSampleId :
PB133938BL

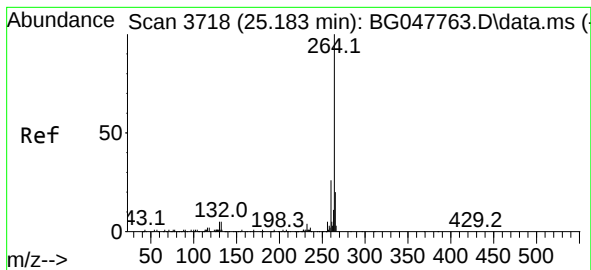
Tgt Ion:184 Resp: 26370
Ion Ratio Lower Upper
184 100
185 14.7 12.4 18.6
183 15.0 10.6 15.8



#79
Terphenyl-d14
Concen: 83.72 ng
RT: 20.142 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG047878.D
Acq: 6 Jan 2021 16:21

Tgt Ion:244 Resp: 1180865
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 5.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.171 min Scan# 3716
 Delta R.T. -0.012 min
 Lab File: BG047878.D
 Acq: 6 Jan 2021 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB133938BL

Tgt Ion:264 Resp: 229496

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.8	28.2
265	21.5	17.8	26.8

