

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047848.D
 Acq On : 31 Dec 2020 14:44
 Operator : CG/JU
 Sample : PB133881BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133881BL

Quant Time: Dec 31 15:37:46 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)

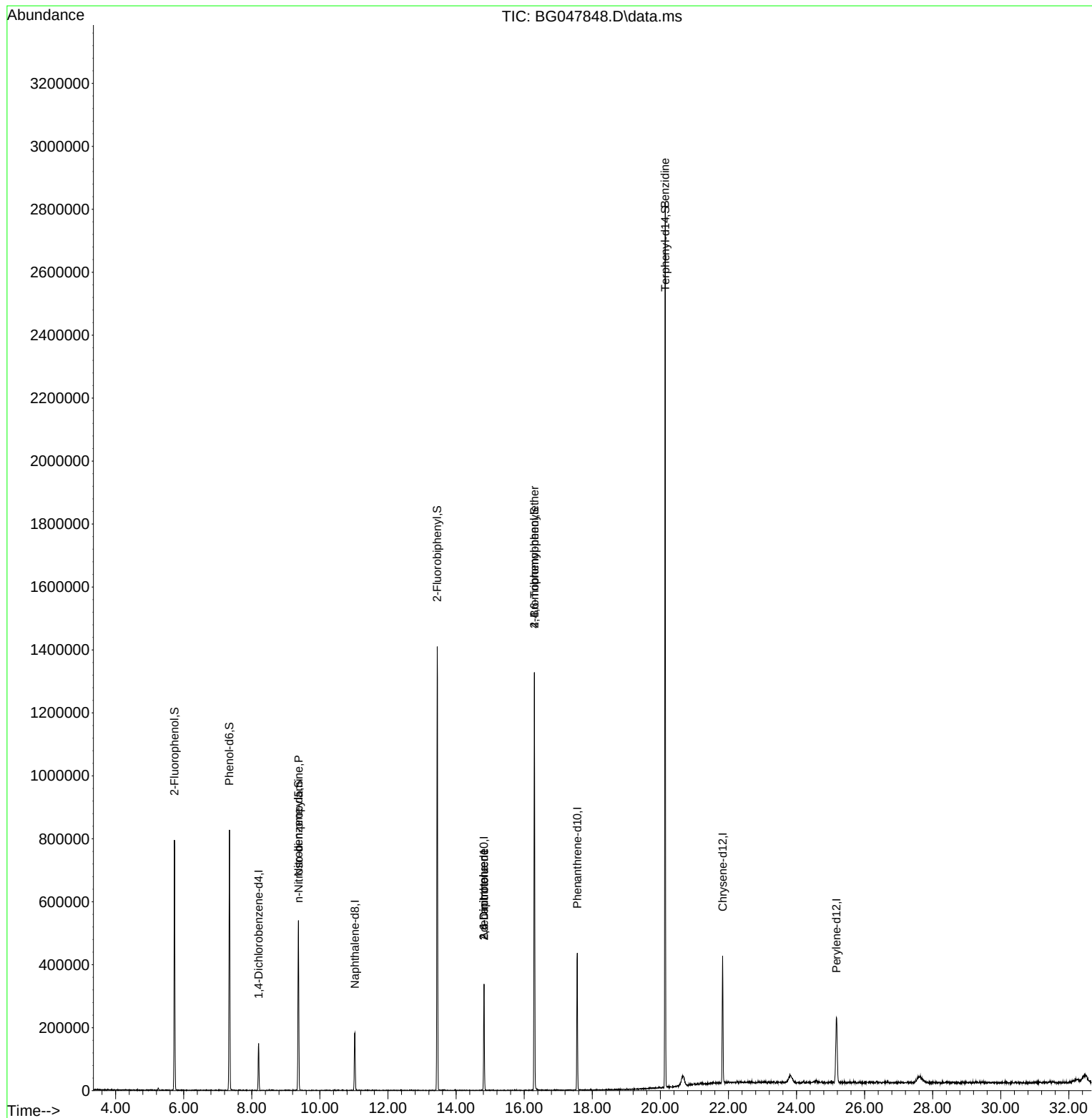
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	36100	20.00	ng	# 0.00
21) Naphthalene-d8	11.026	136	146921	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	119685	20.00	ng	0.00
64) Phenanthrene-d10	17.559	188	286521	20.00	ng	# 0.00
76) Chrysene-d12	21.831	240	260121	20.00	ng	# 0.00
86) Perylene-d12	25.174	264	254779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.726	112	277876	133.16	ng	0.00
7) Phenol-d6	7.342	99	387369	126.98	ng	0.00
23) Nitrobenzene-d5	9.369	82	309156	77.40	ng	0.00
42) 2,4,6-Tribromophenol	16.302	330	237367	116.17	ng	0.00
45) 2-Fluorobiphenyl	13.446	172	700735	75.76	ng	0.00
79) Terphenyl-d14	20.144	244	1213468	76.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.375	70	51827	24.41	ng	# 73
51) 2,6-Dinitrotoluene	14.821	165	15892	7.58	ng	# 35
57) 2,4-Dinitrotoluene	14.821	165	15892	5.10	ng	# 33
67) 4-Bromophenyl-phenylether	16.302	248	16765	4.35	ng	# 1
70) Pentachlorophenol	17.042	266	60	Below Cal		# 19
77) Benzidine	20.139	184	26780	3.83	ng	97

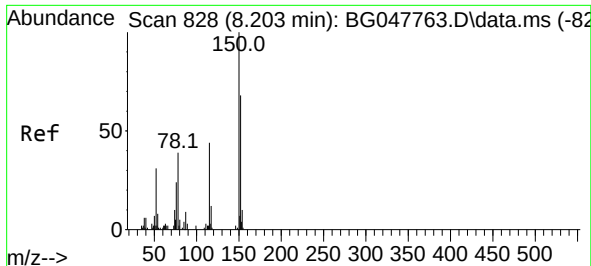
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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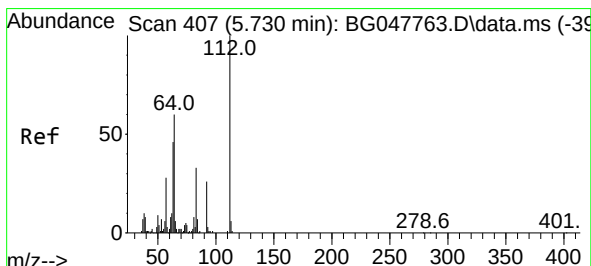
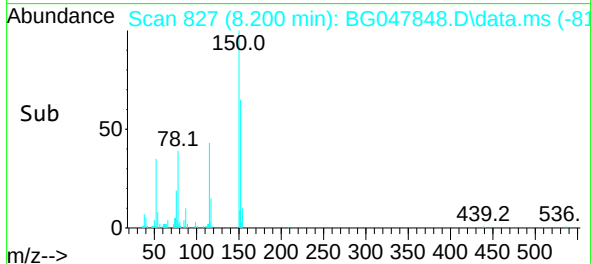
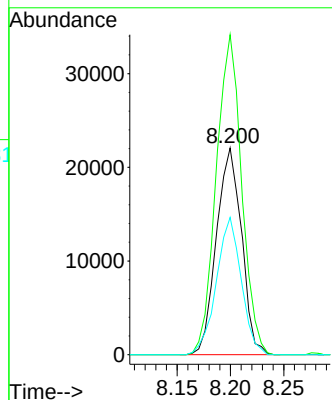
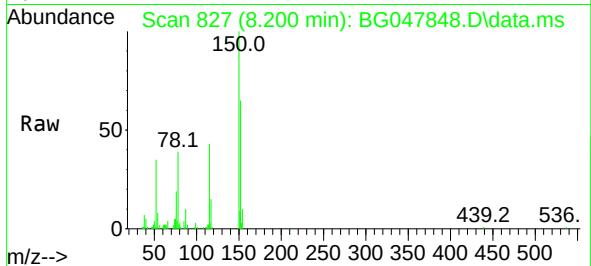




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.200 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

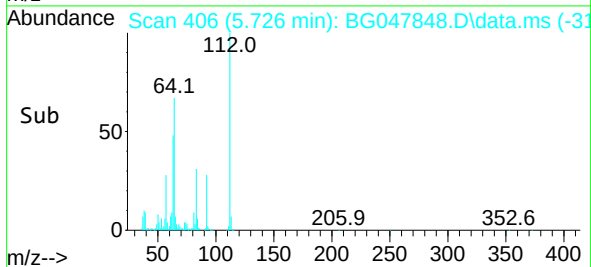
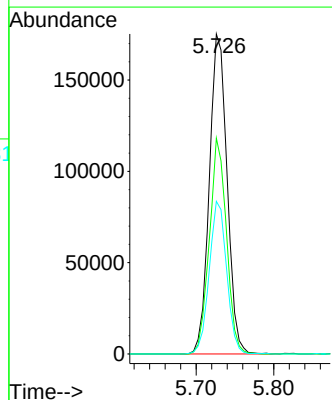
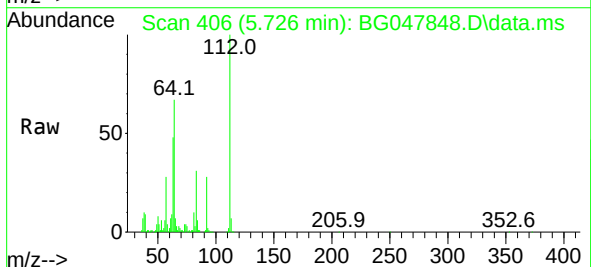
Instrument :
BNA_G
ClientSampleId :
PB133881BL

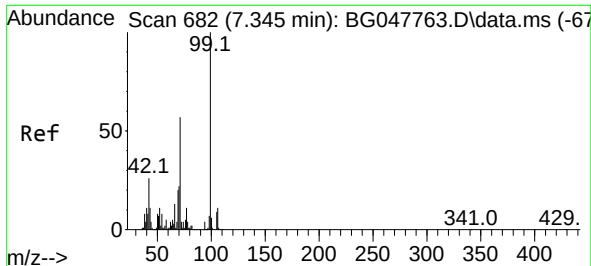
Tgt Ion:152 Resp: 36100
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.6
115 66.4 41.8 62.6#



#5
2-Fluorophenol
Concen: 133.16 ng
RT: 5.726 min Scan# 406
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Tgt Ion:112 Resp: 277876
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 47.7 22.8 34.2#

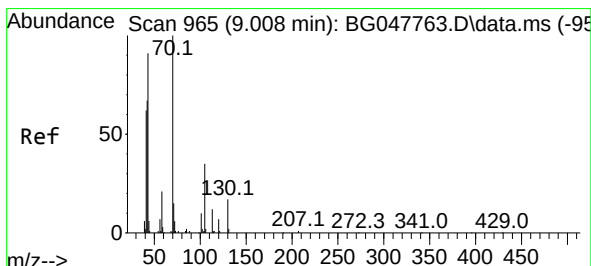
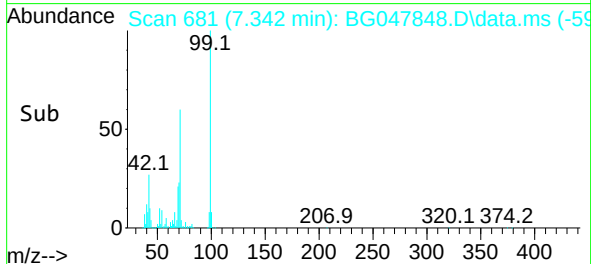
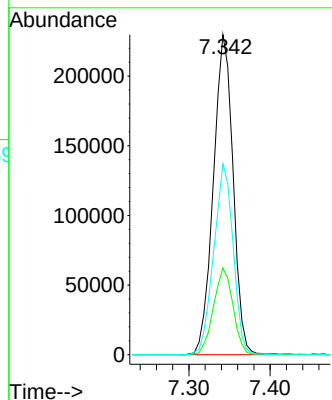
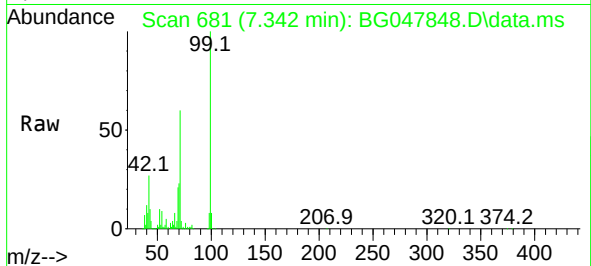




#7
Phenol-d6
Concen: 126.98 ng
RT: 7.342 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

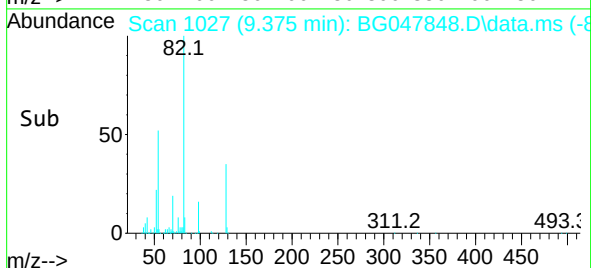
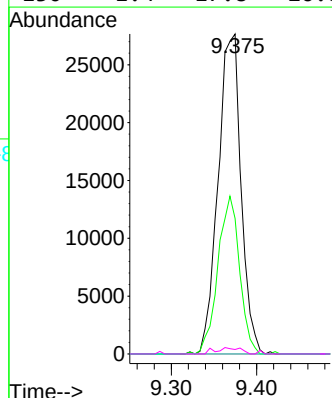
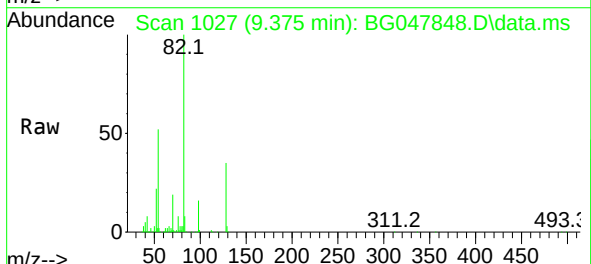
Instrument :
BNA_G
ClientSampleId :
PB133881BL

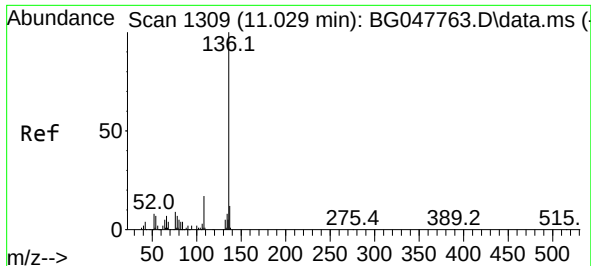
Tgt Ion: 99 Resp: 387369
Ion Ratio Lower Upper
99 100
42 27.1 12.8 19.2#
71 59.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 24.41 ng
RT: 9.375 min Scan# 1027
Delta R.T. 0.367 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Tgt Ion: 70 Resp: 51827
Ion Ratio Lower Upper
70 100
42 42.4 45.6 68.4#
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

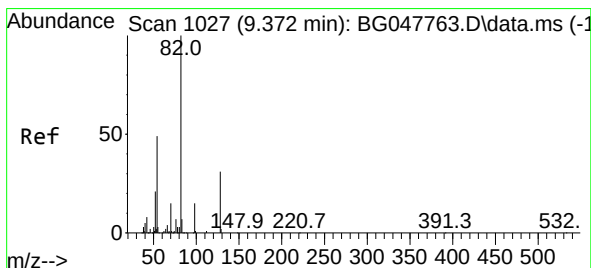
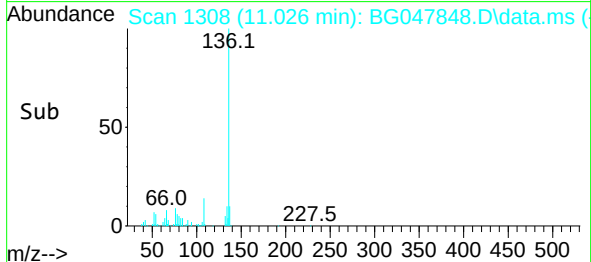
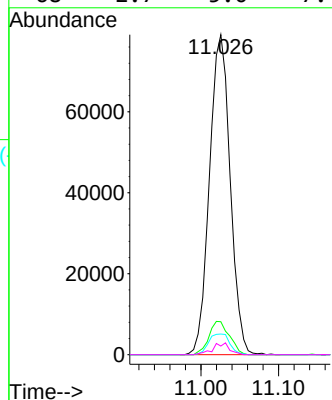
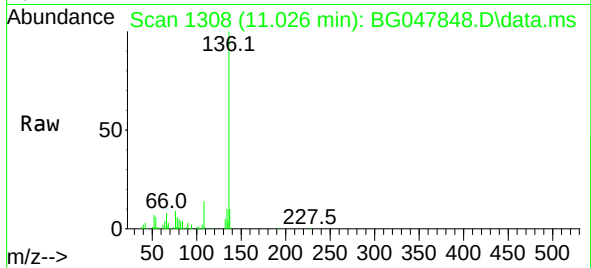




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.026 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

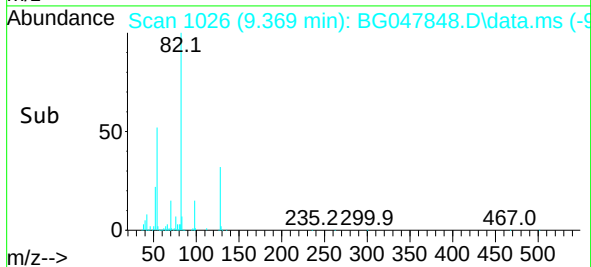
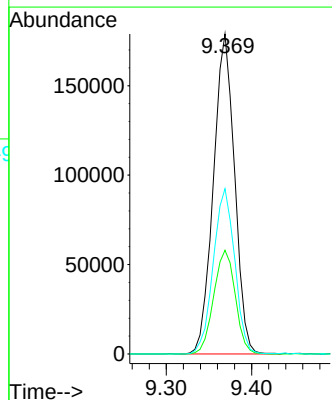
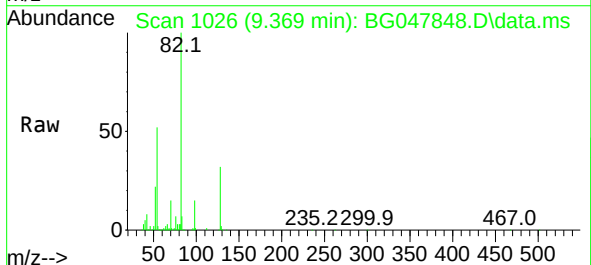
Instrument :
BNA_G
ClientSampleId :
PB133881BL

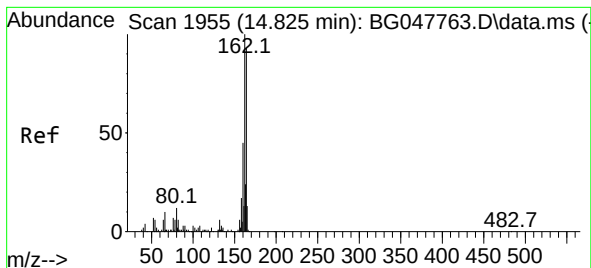
Tgt Ion:	136	Resp:	146921
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.1	13.7
54	6.4	6.2	9.4
68	2.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 77.40 ng
RT: 9.369 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Tgt Ion:	82	Resp:	309156
Ion Ratio	Lower	Upper	
82	100		
128	32.4	37.0	55.6#
54	51.7	39.0	58.4

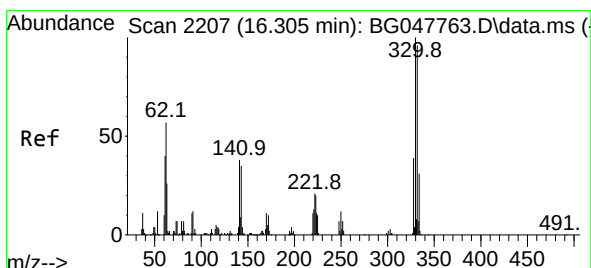
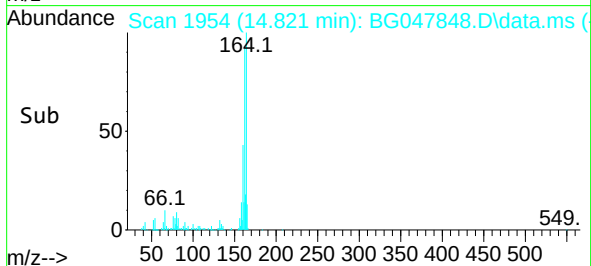
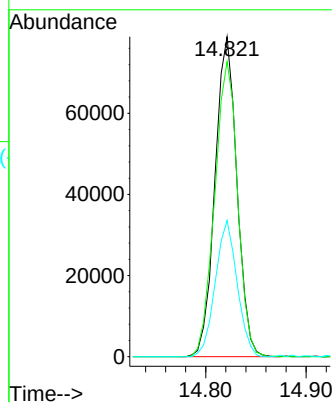
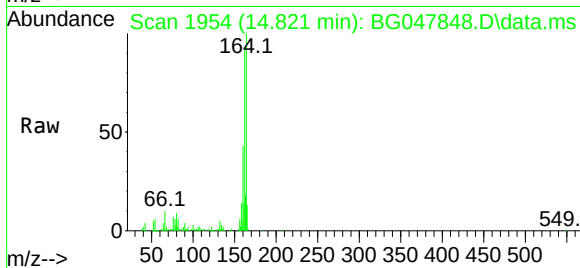




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

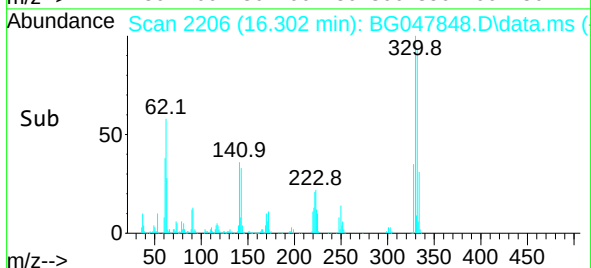
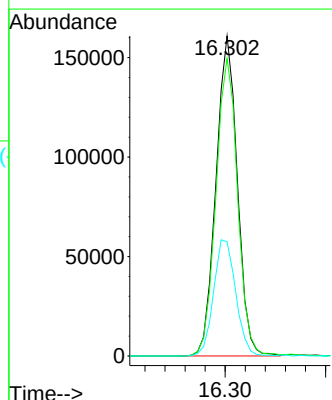
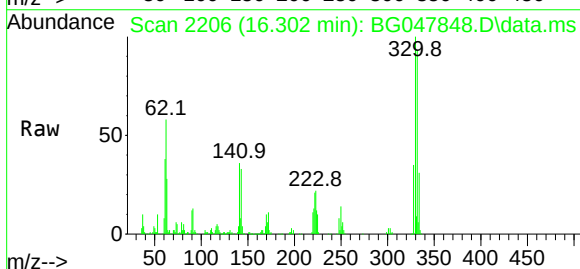
Instrument :
BNA_G
ClientSampleId :
PB133881BL

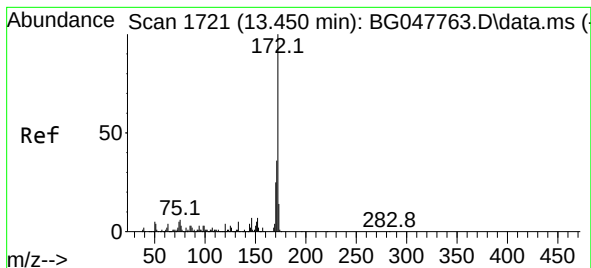
Tgt Ion:164 Resp: 119685
Ion Ratio Lower Upper
164 100
162 92.2 82.3 123.5
160 42.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 116.17 ng
RT: 16.302 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Tgt Ion:330 Resp: 237367
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 37.7 26.0 39.0

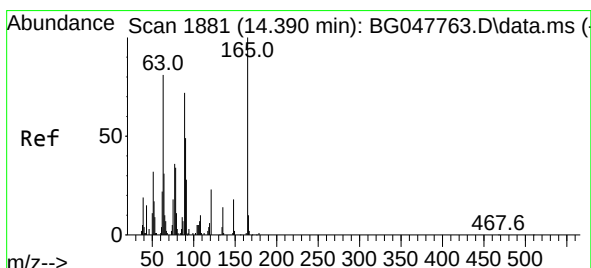
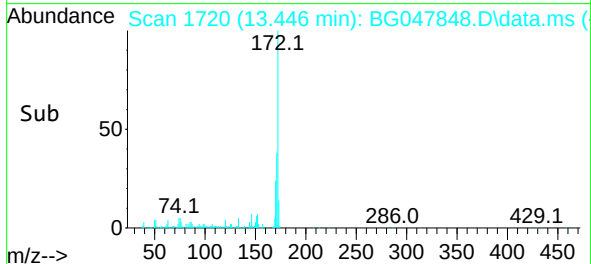
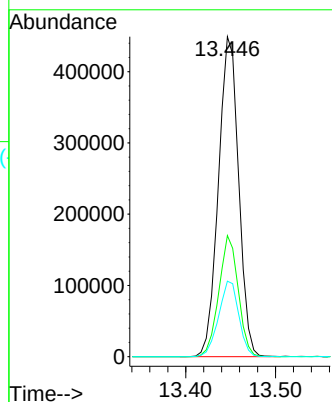
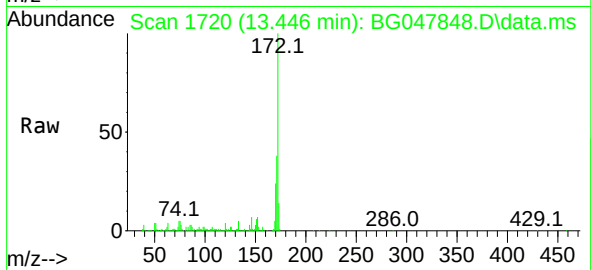




#45
2-Fluorobiphenyl
Concen: 75.76 ng
RT: 13.446 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

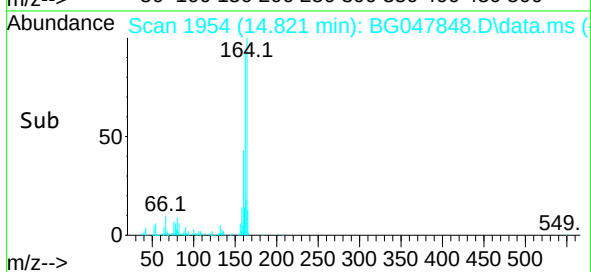
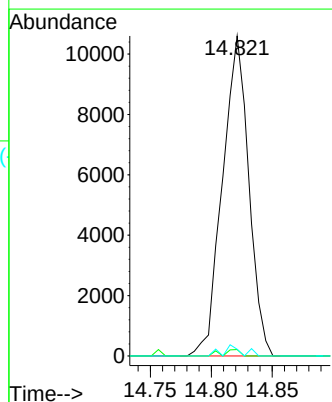
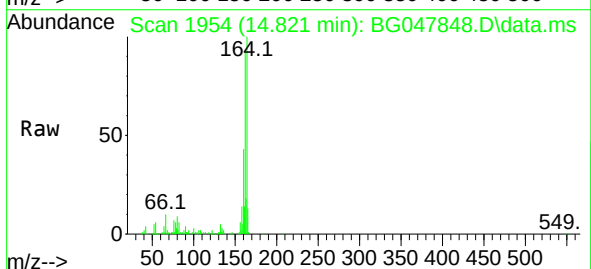
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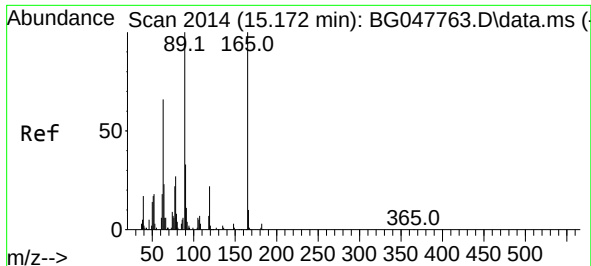
Tgt Ion:172 Resp: 700735
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 23.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 14.821 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

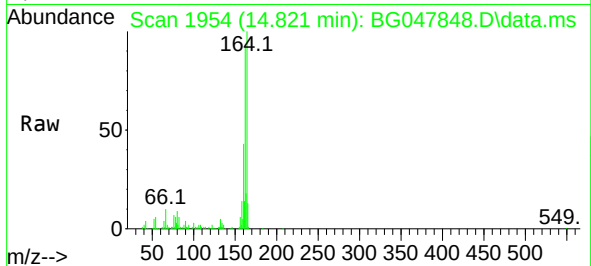
Tgt Ion:165 Resp: 15892
Ion Ratio Lower Upper
165 100
63 2.0 33.7 50.5#
89 2.1 36.6 54.8#



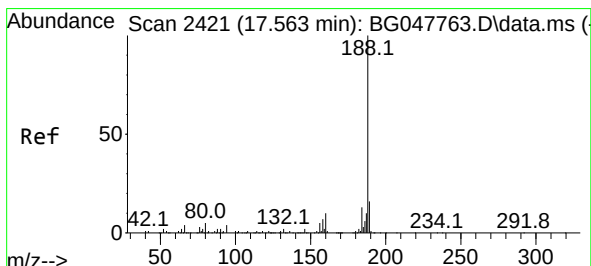
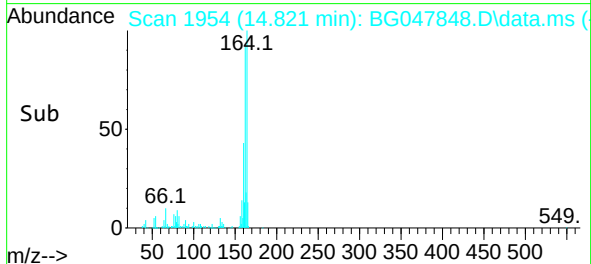
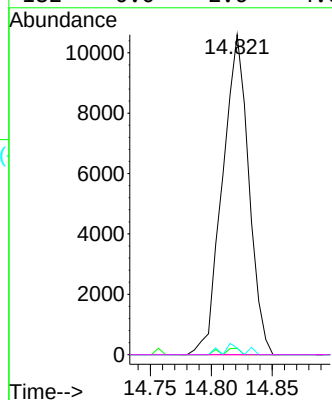


#57
2,4-Dinitrotoluene
Concen: 5.10 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.350 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB133881BL

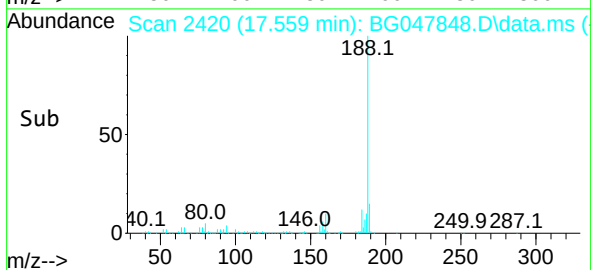
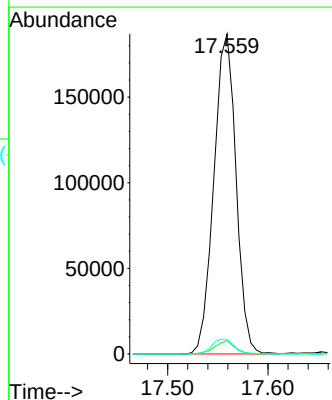
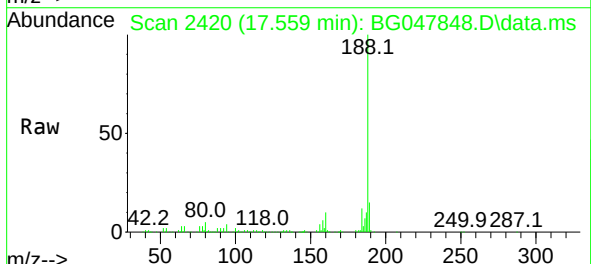


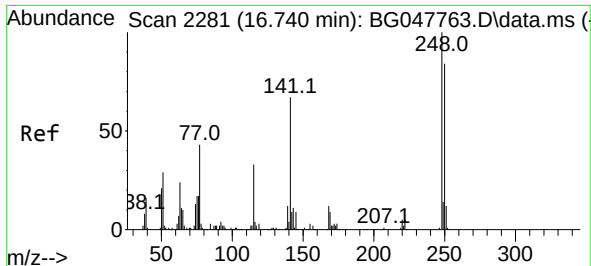
Tgt Ion:165 Resp: 15892
Ion Ratio Lower Upper
165 100
63 2.0 26.4 39.6#
89 2.1 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.559 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Tgt Ion:188 Resp: 286521
Ion Ratio Lower Upper
188 100
94 4.1 6.3 9.5#
80 4.5 7.0 10.6#

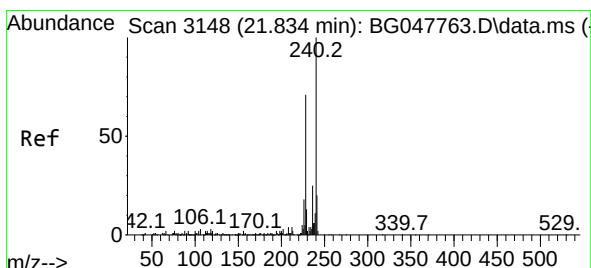
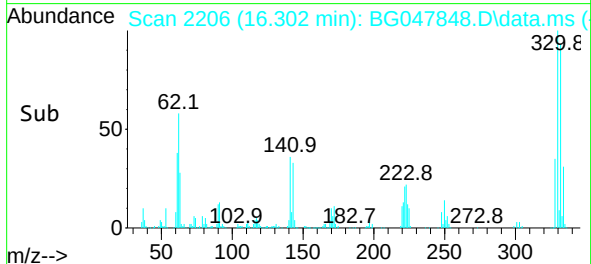
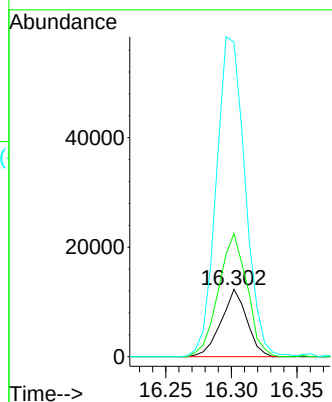
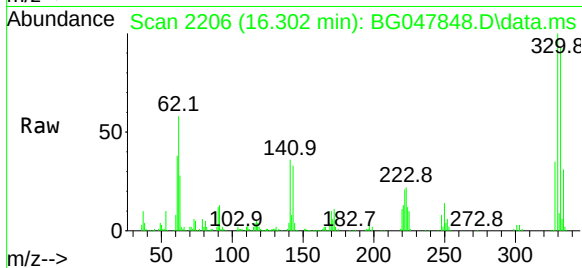




#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 16.302 min Scan# 2206
Delta R.T. -0.438 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

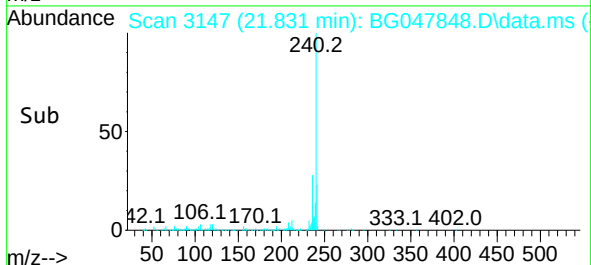
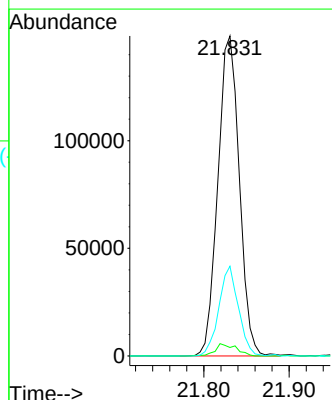
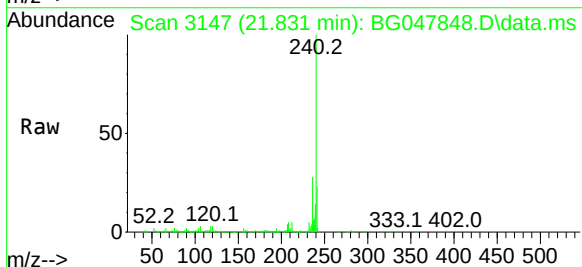
Instrument :
BNA_G
ClientSampleId :
PB133881BL

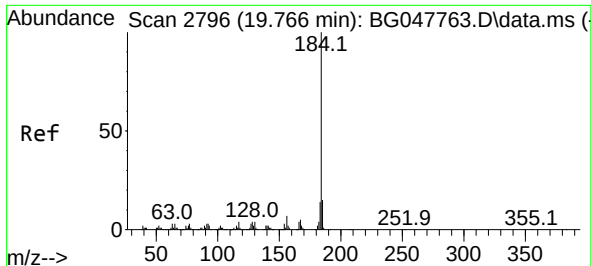
Tgt Ion:248 Resp: 16765
Ion Ratio Lower Upper
248 100
250 182.5 78.9 118.3#
141 467.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.831 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Tgt Ion:240 Resp: 260121
Ion Ratio Lower Upper
240 100
120 2.6 6.2 9.4#
236 28.1 20.5 30.7

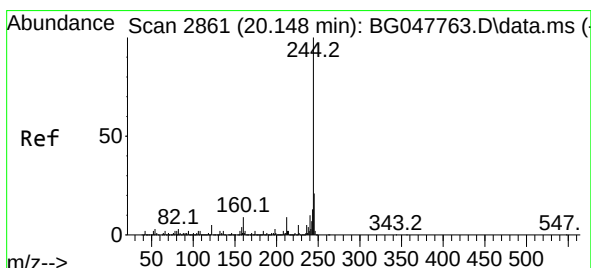
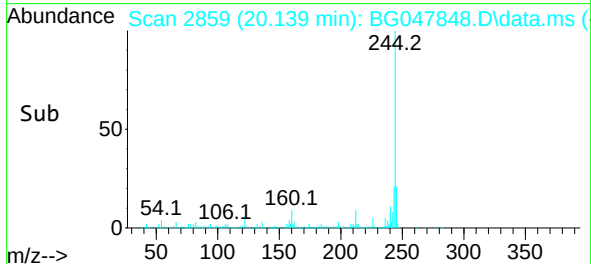
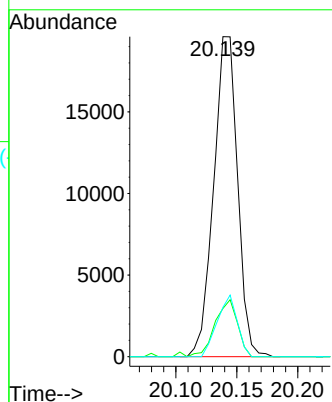
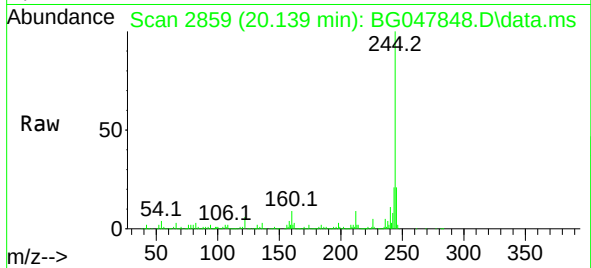




#77
Benzidine
Concen: 3.83 ng
RT: 20.139 min Scan# 2859
Delta R.T. 0.372 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

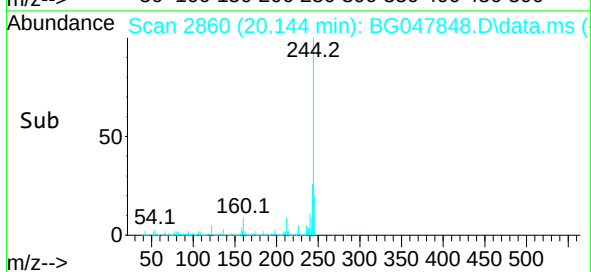
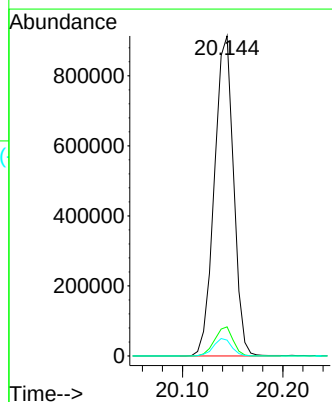
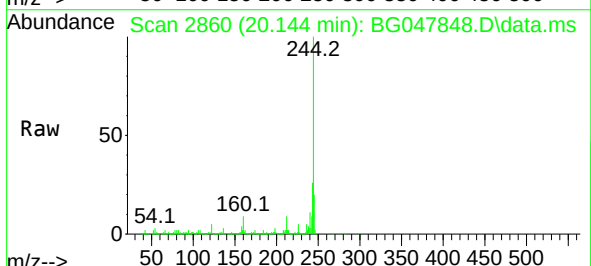
Instrument :
BNA_G
ClientSampleId :
PB133881BL

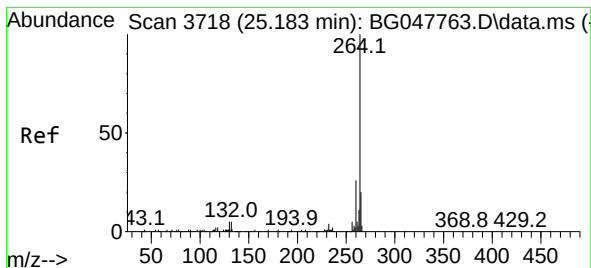
Tgt Ion:184 Resp: 26780
Ion Ratio Lower Upper
184 100
185 15.1 12.4 18.6
183 15.4 10.6 15.8



#79
Terphenyl-d14
Concen: 76.87 ng
RT: 20.144 min Scan# 2860
Delta R.T. -0.004 min
Lab File: BG047848.D
Acq: 31 Dec 2020 14:44

Tgt Ion:244 Resp: 1213468
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 4.9 7.8 11.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.174 min Scan# 3716

Delta R.T. -0.009 min

Lab File: BG047848.D

Acq: 31 Dec 2020 14:44

Instrument :

BNA_G

ClientSampleId :

PB133881BL

Tgt Ion:264 Resp: 254779

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 19.1 17.8 26.8

