

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
 Data File : BG047771.D
 Acq On : 18 Dec 2020 11:54
 Operator : CG/JU
 Sample : PB133650BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133650BL

Quant Time: Dec 18 12:32:17 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)

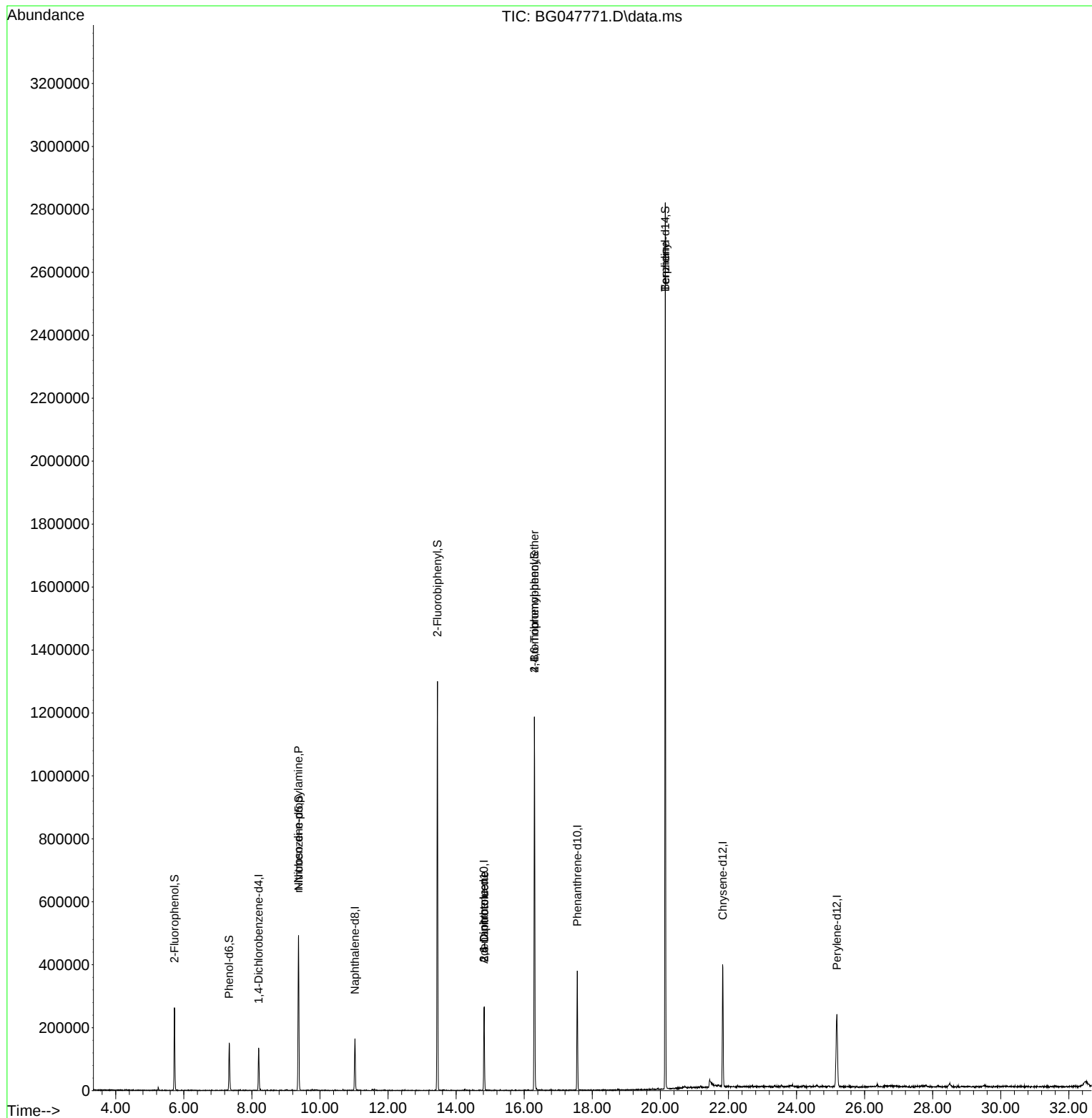
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	34043	20.00	ng	# 0.00
21) Naphthalene-d8	11.031	136	126372	20.00	ng	# 0.00
39) Acenaphthene-d10	14.820	164	95453	20.00	ng	0.00
64) Phenanthrene-d10	17.558	188	244581	20.00	ng	# 0.00
76) Chrysene-d12	21.830	240	263469	20.00	ng	# 0.00
86) Perylene-d12	25.185	264	279865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	92066	46.78	ng	0.00
7) Phenol-d6	7.335	99	72053	25.05	ng	-0.01
23) Nitrobenzene-d5	9.374	82	293746	85.50	ng	0.00
42) 2,4,6-Tribromophenol	16.301	330	214922	131.89	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	630501	85.47	ng	0.00
79) Terphenyl-d14	20.143	244	1188812	74.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.368	70	46660	23.31	ng	# 84
51) 2,6-Dinitrotoluene	14.826	165	12928	7.73	ng	# 35
57) 2,4-Dinitrotoluene	14.826	165	12928	5.20	ng	# 33
67) 4-Bromophenyl-phenylether	16.301	248	14651	4.46	ng	# 1
70) Pentachlorophenol	17.147	266	73	Below Cal		# 19
77) Benzidine	20.143	184	25890	3.65	ng	# 86

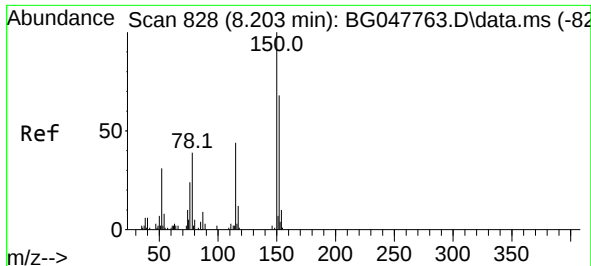
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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QLast Update : Thu Dec 17 15:55:16 2020
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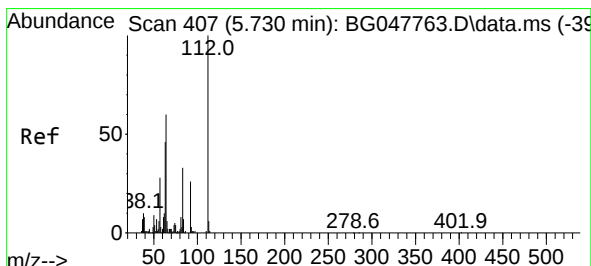
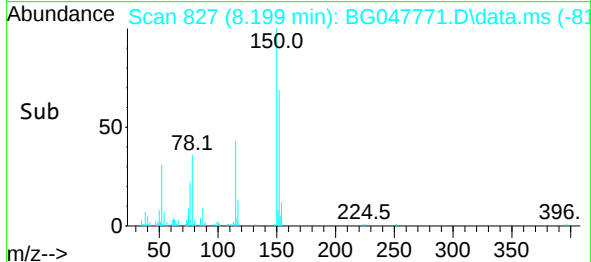
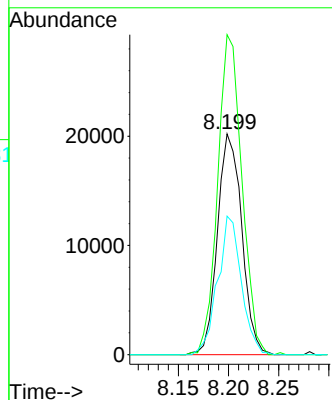
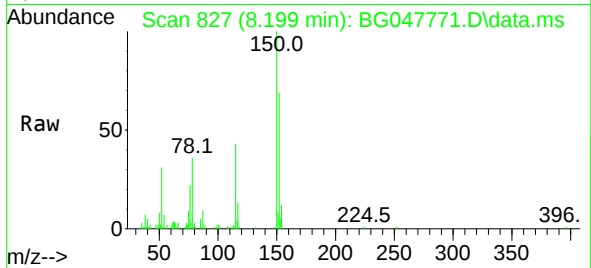




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.199 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

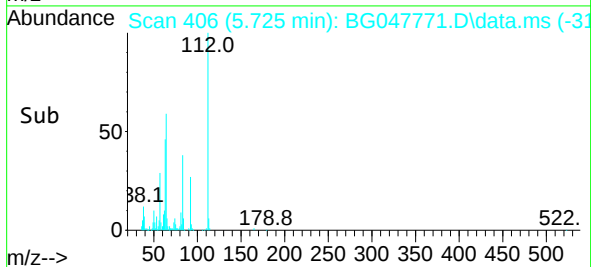
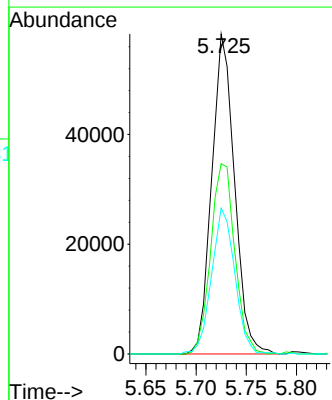
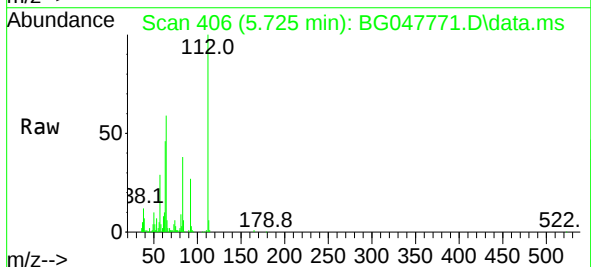
Instrument :
BNA_G
ClientSampleId :
PB133650BL

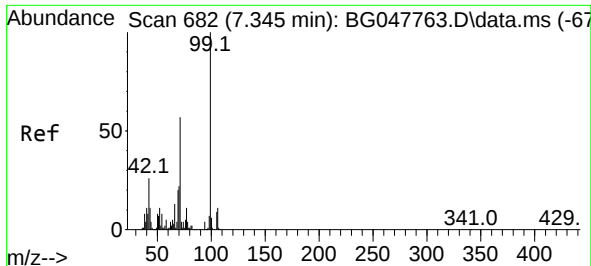
Tgt Ion:152 Resp: 34043
Ion Ratio Lower Upper
152 100
150 144.9 125.0 187.6
115 62.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 46.78 ng
RT: 5.725 min Scan# 406
Delta R.T. -0.005 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Tgt Ion:112 Resp: 92066
Ion Ratio Lower Upper
112 100
64 59.5 46.7 70.1
63 45.6 22.8 34.2#

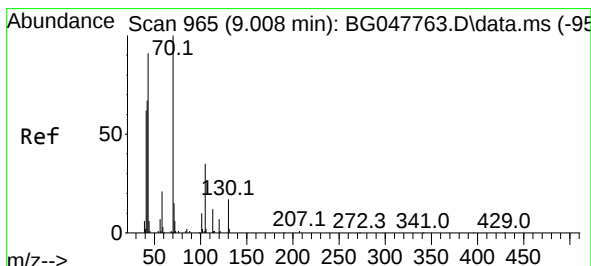
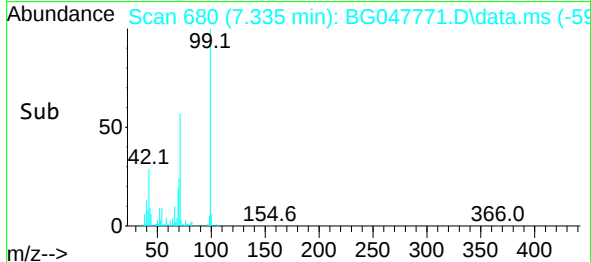
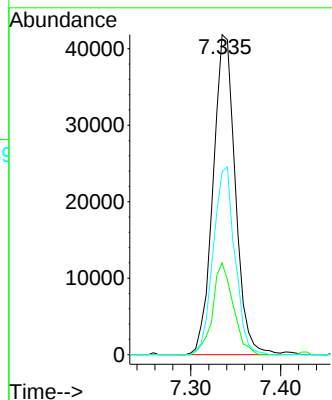
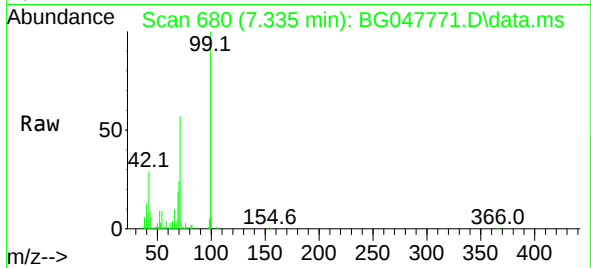




#7
Phenol-d6
Concen: 25.05 ng
RT: 7.335 min Scan# 680
Delta R.T. -0.011 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

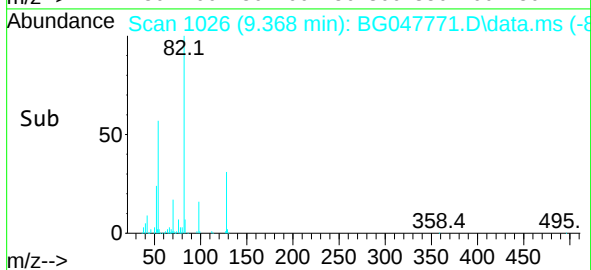
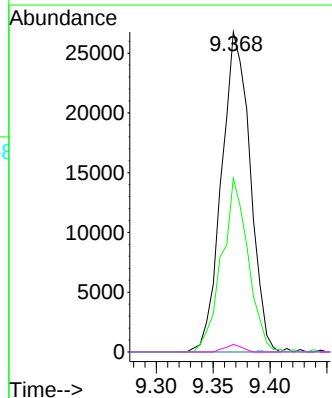
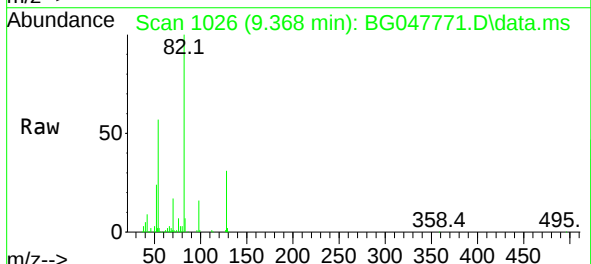
Instrument :
BNA_G
ClientSampleId :
PB133650BL

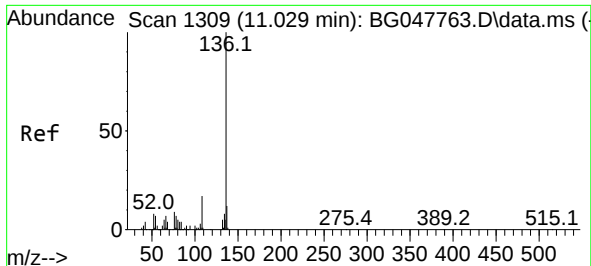
Tgt Ion: 99 Resp: 72053
Ion Ratio Lower Upper
99 100
42 28.7 12.8 19.2#
71 57.2 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 23.31 ng
RT: 9.368 min Scan# 1026
Delta R.T. 0.360 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Tgt Ion: 70 Resp: 46660
Ion Ratio Lower Upper
70 100
42 54.2 45.6 68.4
101 0.0 8.4 12.6#
130 2.4 17.8 26.8#

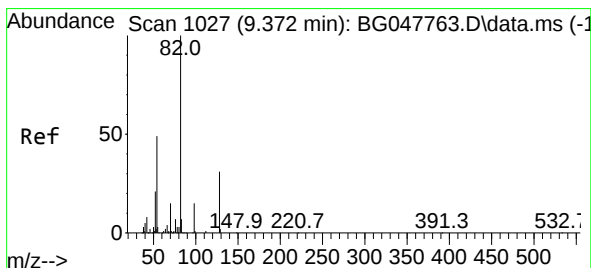
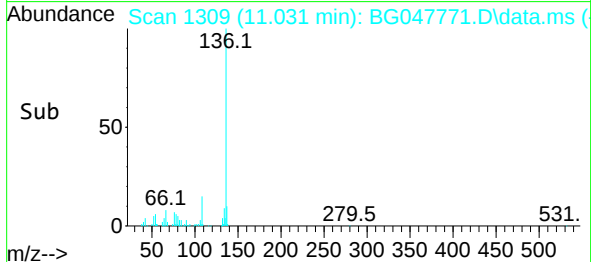
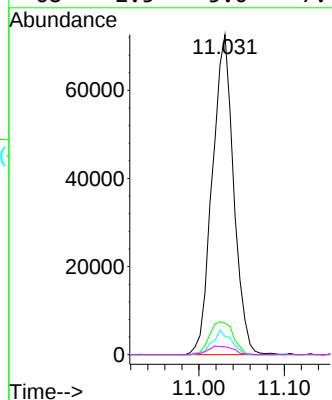
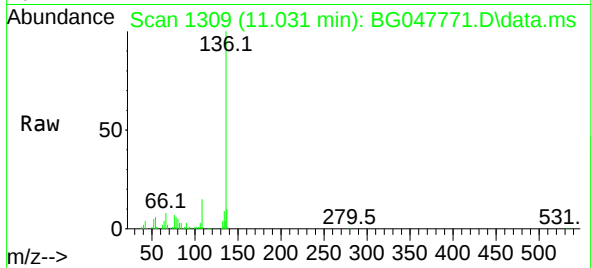




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.031 min Scan# 1309
Delta R.T. 0.001 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

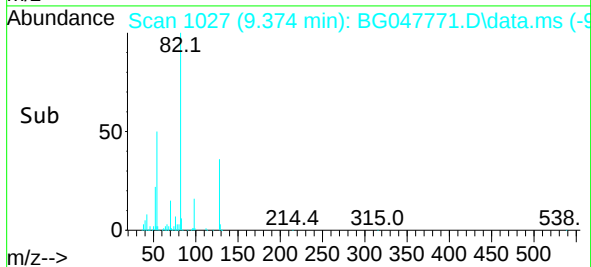
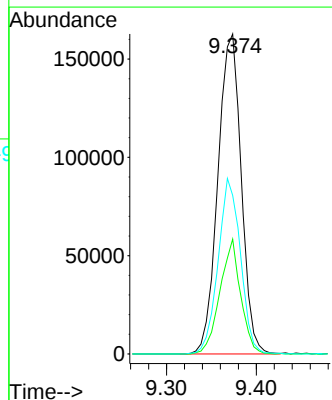
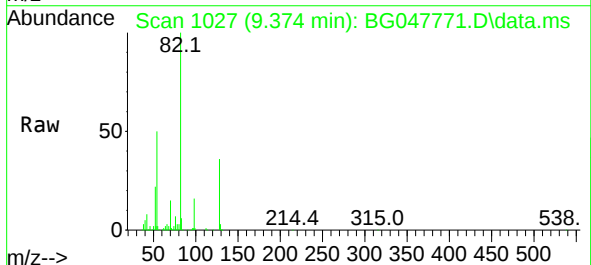
Instrument :
BNA_G
ClientSampleId :
PB133650BL

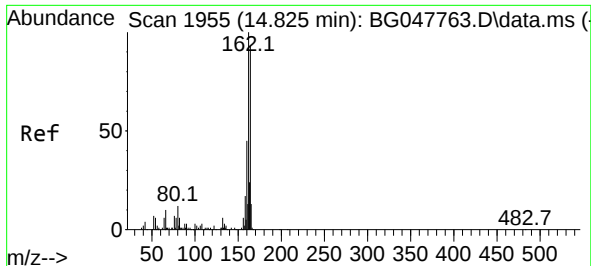
Tgt Ion:	136	Resp:	126372
Ion Ratio	Lower	Upper	
136	100		
137	9.9	9.1	13.7
54	5.7	6.2	9.4#
68	2.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 85.50 ng
RT: 9.374 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Tgt Ion:	82	Resp:	293746
Ion Ratio	Lower	Upper	
82	100		
128	35.9	37.0	55.6#
54	49.6	39.0	58.4

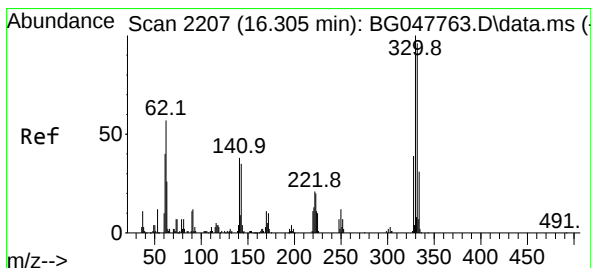
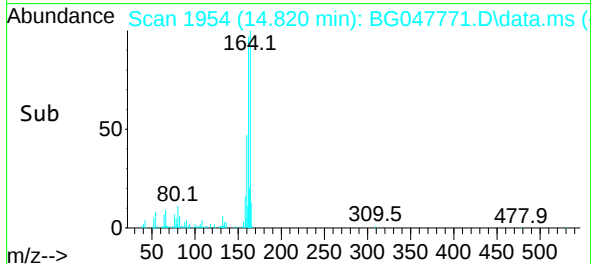
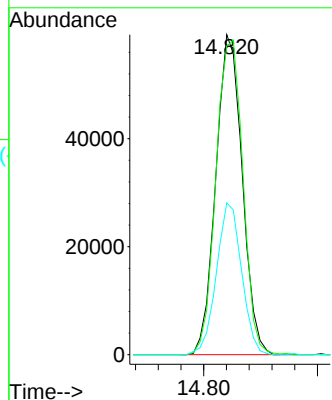
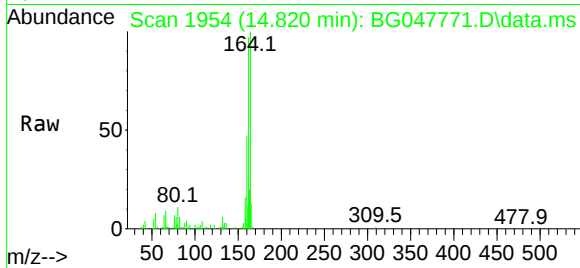




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.820 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

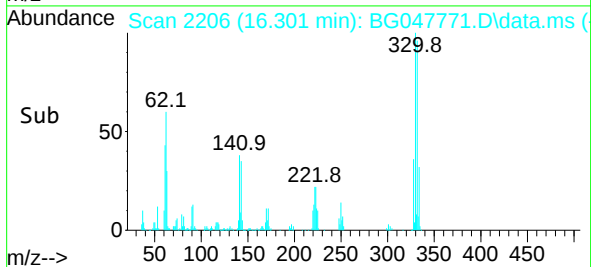
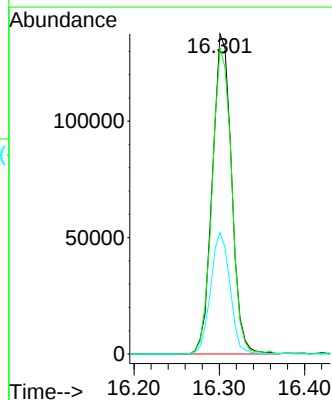
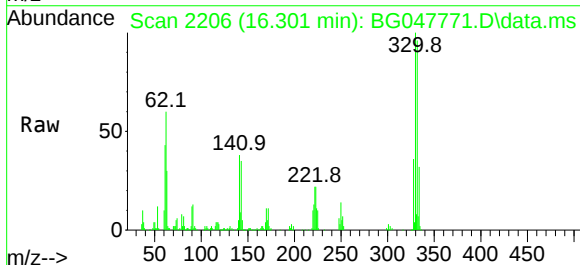
Instrument :
BNA_G
ClientSampleId :
PB133650BL

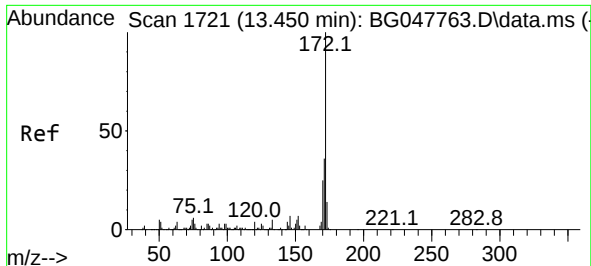
Tgt Ion:	164	Resp:	95453
Ion Ratio	Lower	Upper	
164	100		
162	96.5	82.3	123.5
160	47.4	35.3	52.9



#42
2,4,6-Tribromophenol
Concen: 131.89 ng
RT: 16.301 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Tgt Ion:	330	Resp:	214922
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.5	114.7
141	38.2	26.0	39.0

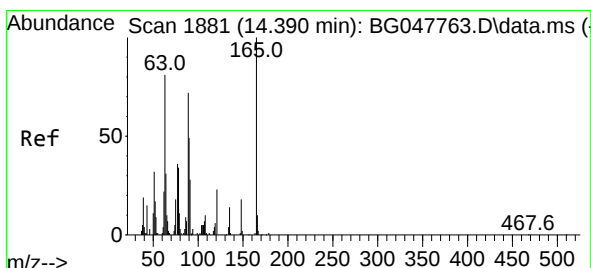
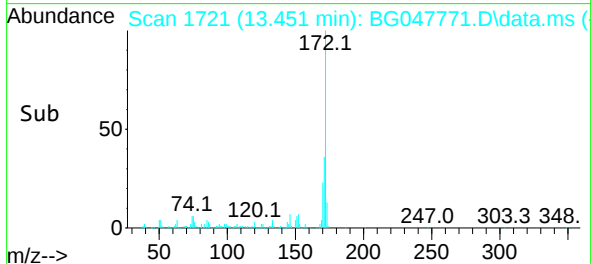
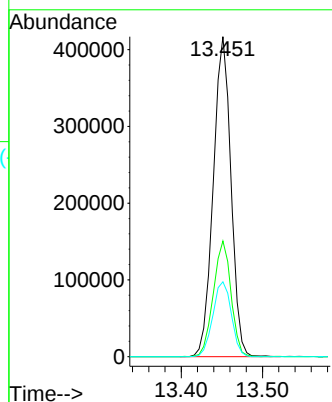
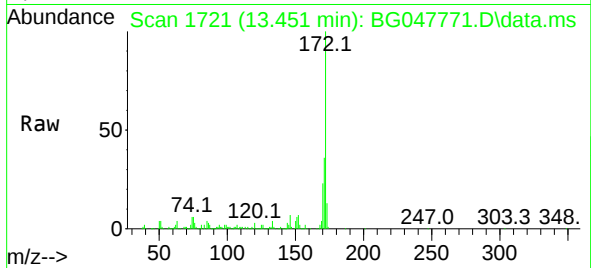




#45
2-Fluorobiphenyl
Concen: 85.47 ng
RT: 13.451 min Scan# 1721
Delta R.T. 0.001 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

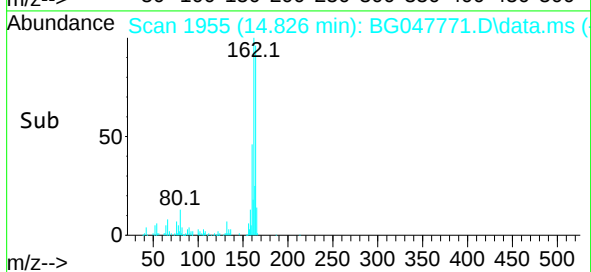
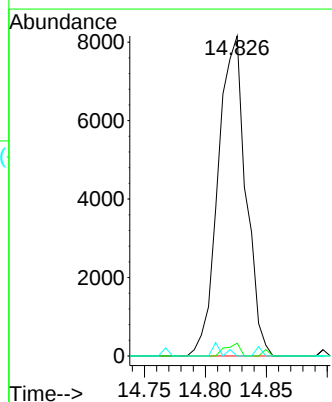
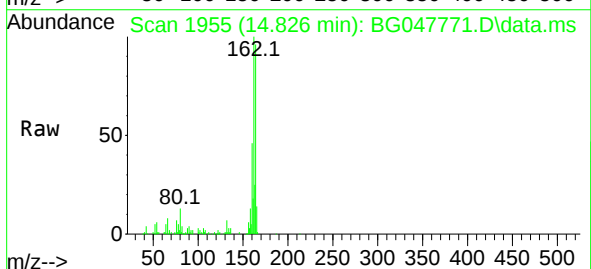
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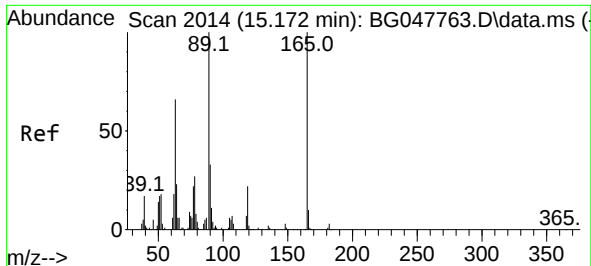
Tgt Ion:	172	Resp:	630501
Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.3	46.9
170	23.4	20.8	31.2



#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 14.826 min Scan# 1955
Delta R.T. 0.436 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

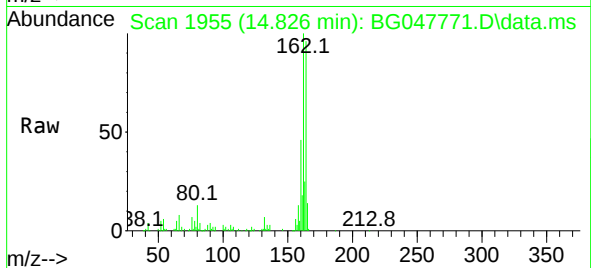
Tgt Ion:	165	Resp:	12928
Ion	Ratio	Lower	Upper
165	100		
63	4.0	33.7	50.5#
89	0.0	36.6	54.8#



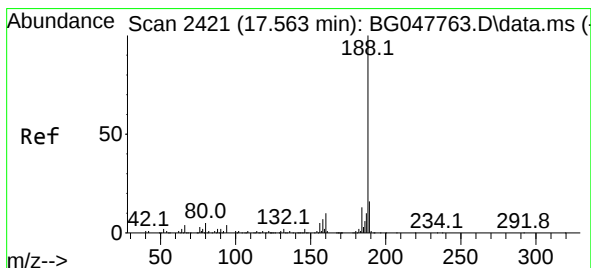
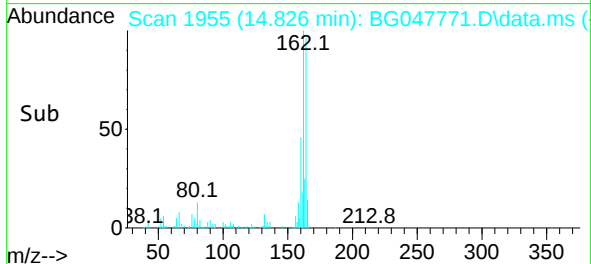
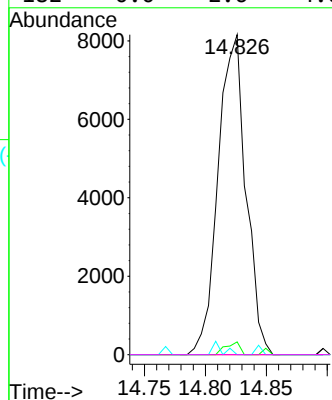


#57
2,4-Dinitrotoluene
Concen: 5.20 ng
RT: 14.826 min Scan# 1955
Delta R.T. -0.345 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB133650BL

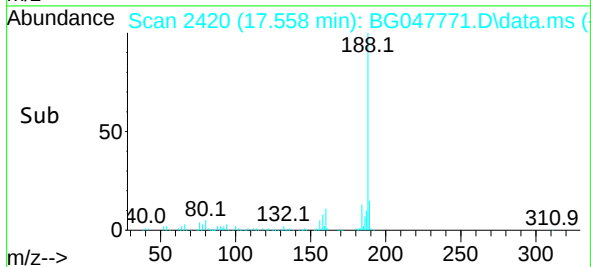
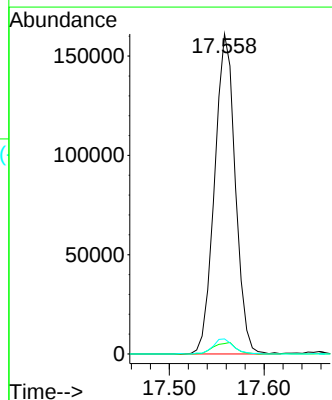
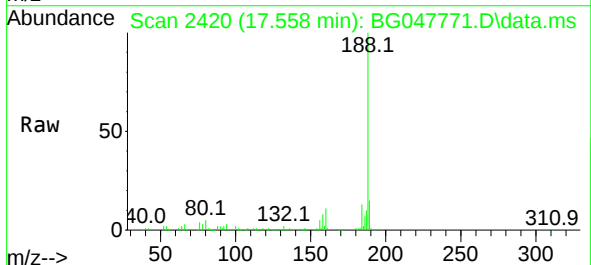


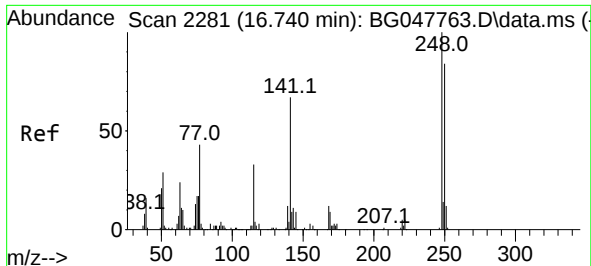
Tgt Ion:165 Resp: 12928
Ion Ratio Lower Upper
165 100
63 4.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.558 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Tgt Ion:188 Resp: 244581
Ion Ratio Lower Upper
188 100
94 3.3 6.3 9.5#
80 4.7 7.0 10.6#

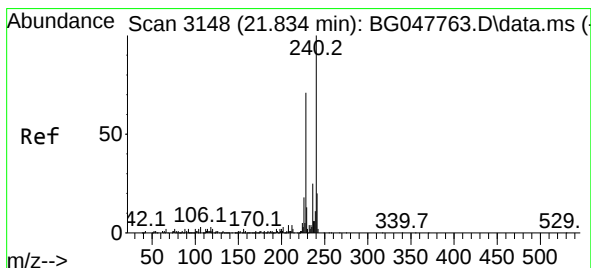
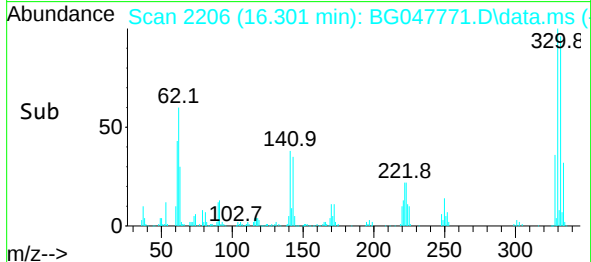
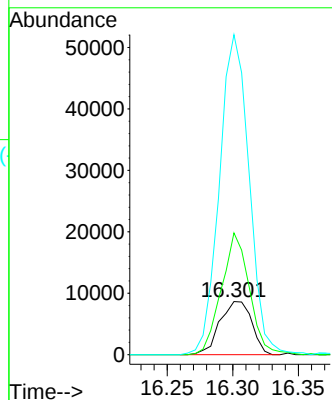
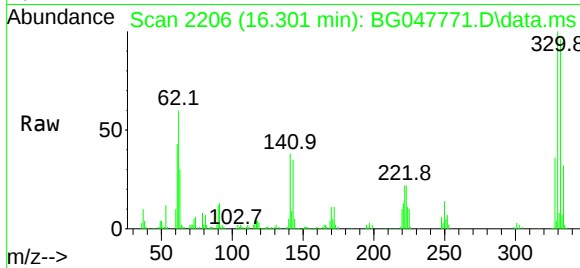




#67
4-Bromophenyl-phenylether
Concen: 4.46 ng
RT: 16.301 min Scan# 2206
Delta R.T. -0.439 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

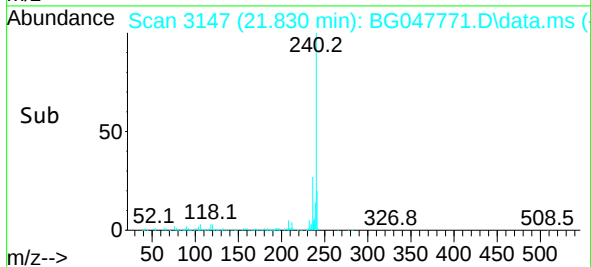
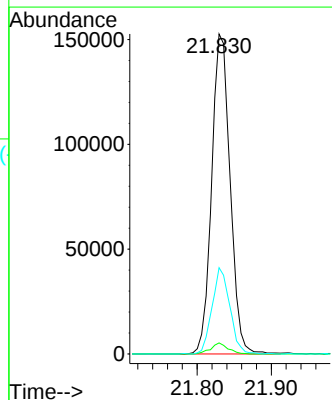
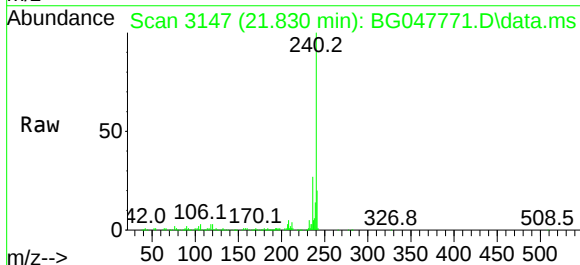
Instrument :
BNA_G
ClientSampleId :
PB133650BL

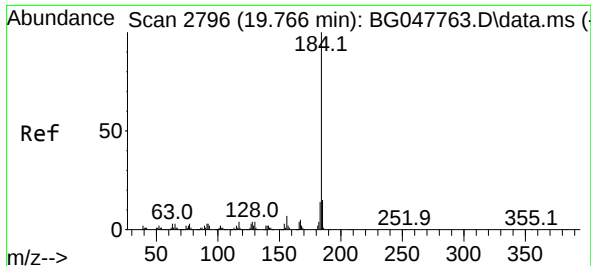
Tgt Ion:248 Resp: 14651
Ion Ratio Lower Upper
248 100
250 228.9 78.9 118.3#
141 601.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.830 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Tgt Ion:240 Resp: 263469
Ion Ratio Lower Upper
240 100
120 3.4 6.2 9.4#
236 26.9 20.5 30.7

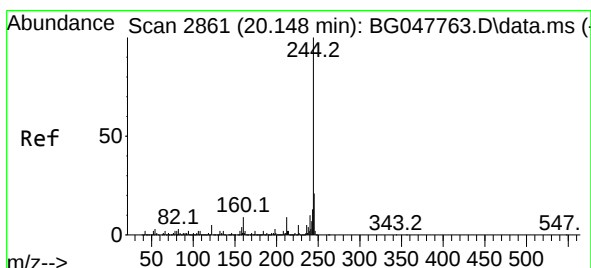
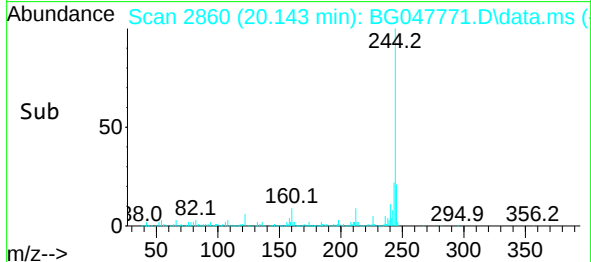
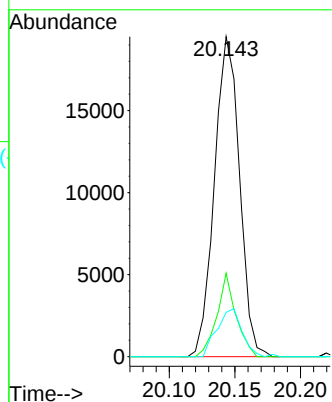
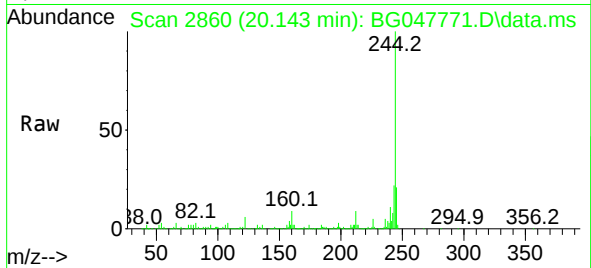




#77
Benzidine
Concen: 3.65 ng
RT: 20.143 min Scan# 2860
Delta R.T. 0.377 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

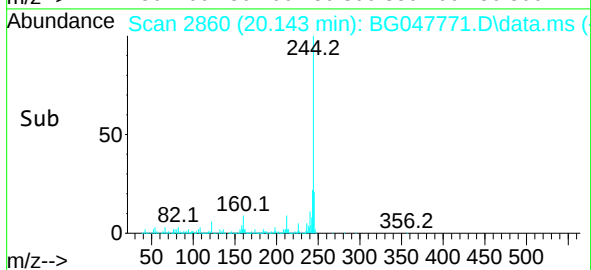
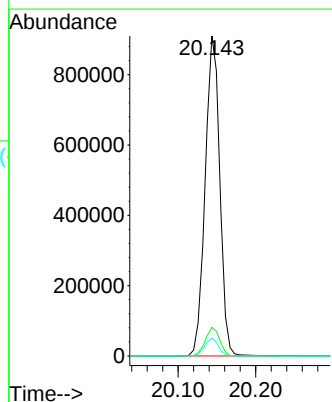
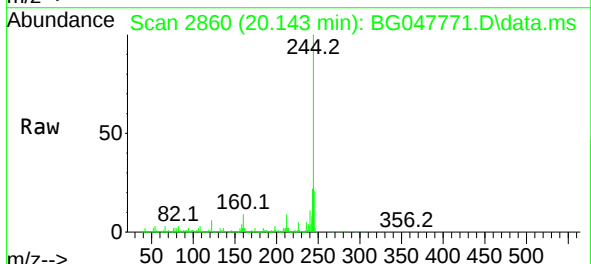
Instrument :
BNA_G
ClientSampleId :
PB133650BL

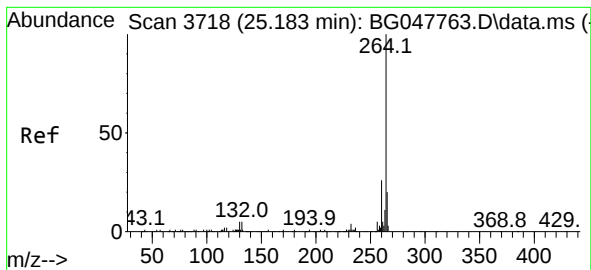
Tgt Ion:184 Resp: 25890
Ion Ratio Lower Upper
184 100
185 26.1 12.4 18.6#
183 13.9 10.6 15.8



#79
Terphenyl-d14
Concen: 74.35 ng
RT: 20.143 min Scan# 2860
Delta R.T. -0.005 min
Lab File: BG047771.D
Acq: 18 Dec 2020 11:54

Tgt Ion:244 Resp: 1188812
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 5.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.185 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG047771.D
 Acq: 18 Dec 2020 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB133650BL

Tgt Ion:264 Resp: 279865
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.8 28.2
 265 20.0 17.8 26.8

