

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010521\
 Data File : BG047867.D
 Acq On : 5 Jan 2021 14:34
 Operator : CG/JU
 Sample : PB133909BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133909BL

Quant Time: Jan 05 15:10:37 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)

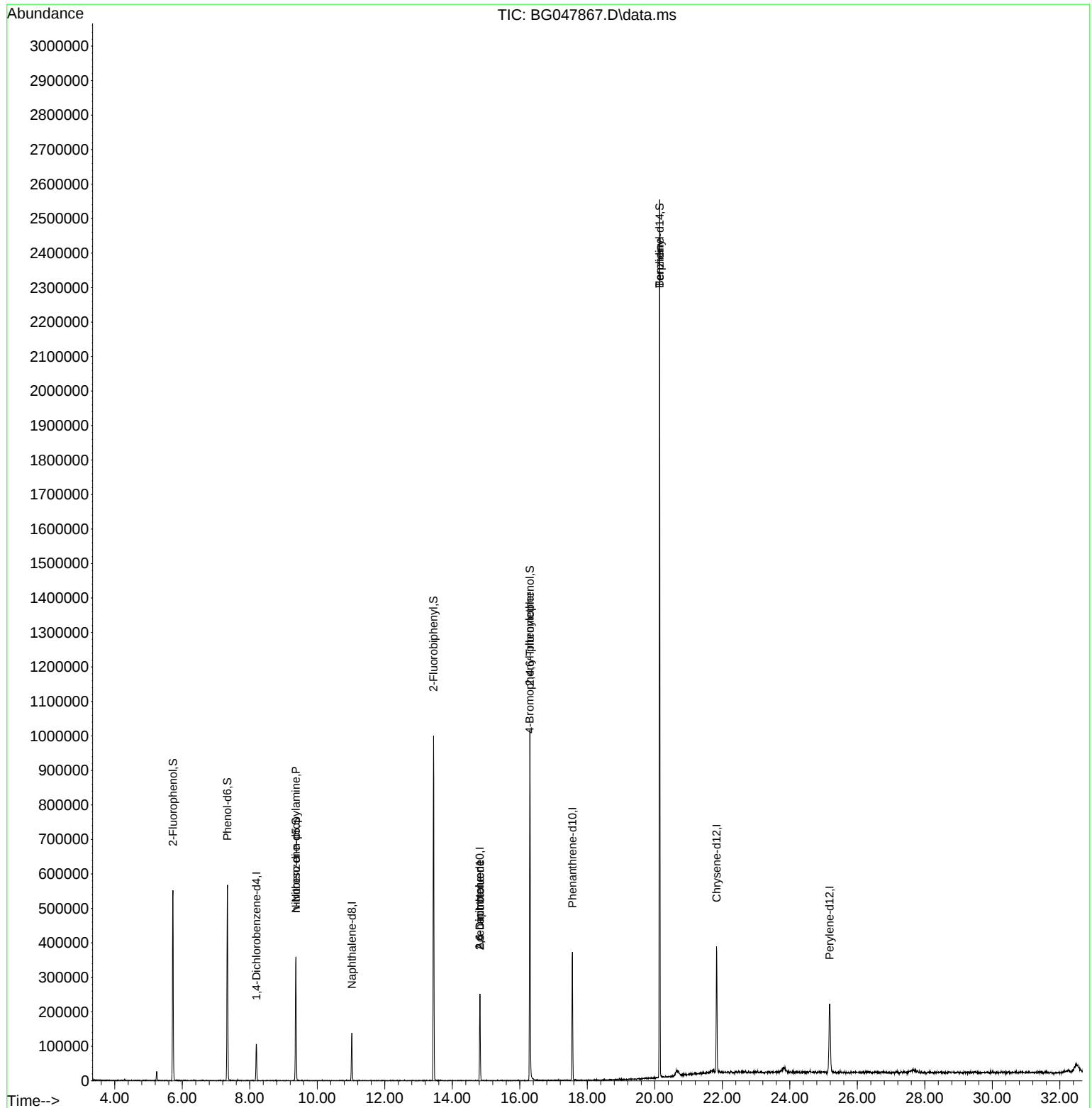
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	26243	20.00	ng	0.00
21) Naphthalene-d8	11.025	136	106867	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	87321	20.00	ng	0.00
64) Phenanthrene-d10	17.559	188	237987	20.00	ng	# 0.00
76) Chrysene-d12	21.830	240	240476	20.00	ng	# 0.00
86) Perylene-d12	25.179	264	230831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.726	112	201862	133.07	ng	0.00
7) Phenol-d6	7.341	99	274572	123.82	ng	0.00
23) Nitrobenzene-d5	9.368	82	213403	73.45	ng	0.00
42) 2,4,6-Tribromophenol	16.302	330	187469	125.76	ng	0.00
45) 2-Fluorobiphenyl	13.446	172	489230	72.50	ng	0.00
79) Terphenyl-d14	20.144	244	1084975	74.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.368	70	34335	22.25	ng	# 74
51) 2,6-Dinitrotoluene	14.821	165	10821	7.07	ng	# 34
57) 2,4-Dinitrotoluene	14.821	165	10821	4.76	ng	# 32
67) 4-Bromophenyl-phenylether	16.296	248	13047	4.08	ng	# 1
70) Pentachlorophenol	17.253	266	58	Below Cal		# 19
77) Benzidine	20.144	184	22936	3.55	ng	96

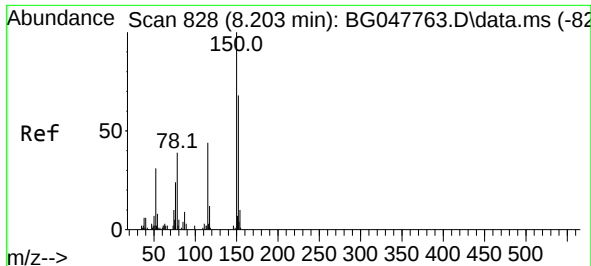
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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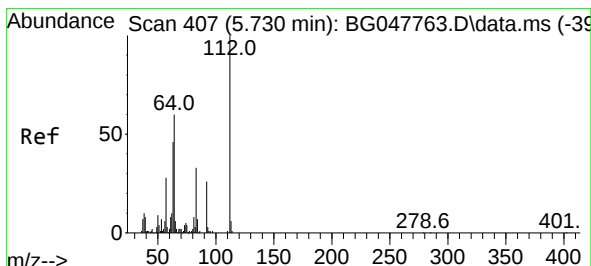
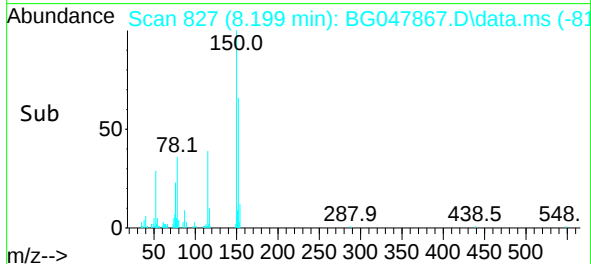
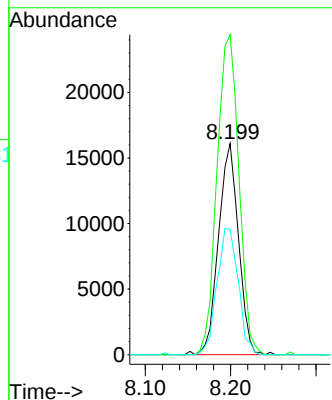
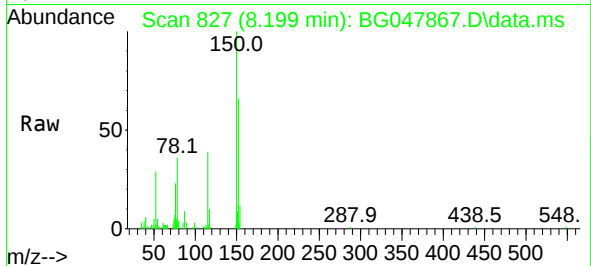




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.199 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

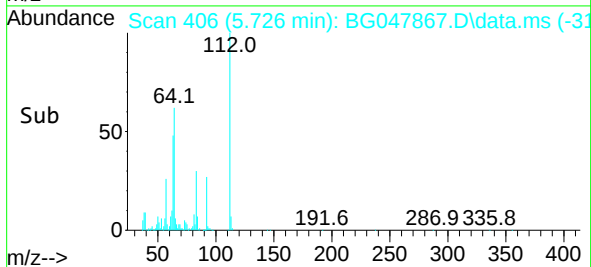
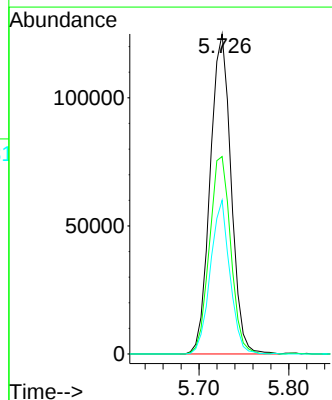
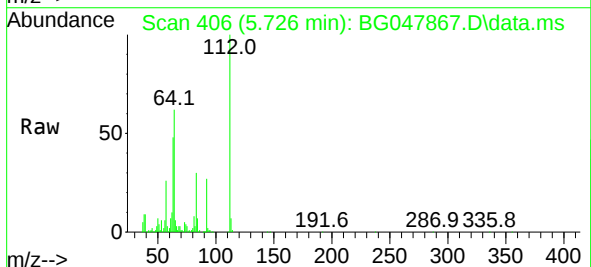
Instrument :
BNA_G
ClientSampleId :
PB133909BL

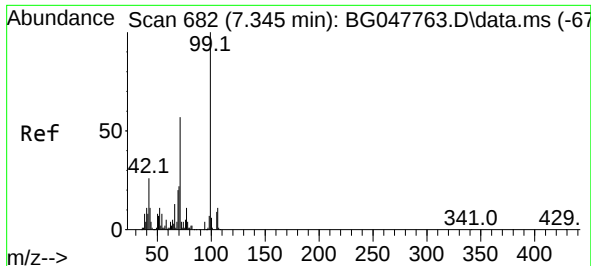
Tgt Ion:152 Resp: 26243
Ion Ratio Lower Upper
152 100
150 151.5 125.0 187.6
115 59.3 41.8 62.6



#5
2-Fluorophenol
Concen: 133.07 ng
RT: 5.726 min Scan# 406
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

Tgt Ion:112 Resp: 201862
Ion Ratio Lower Upper
112 100
64 61.7 46.7 70.1
63 48.0 22.8 34.2#

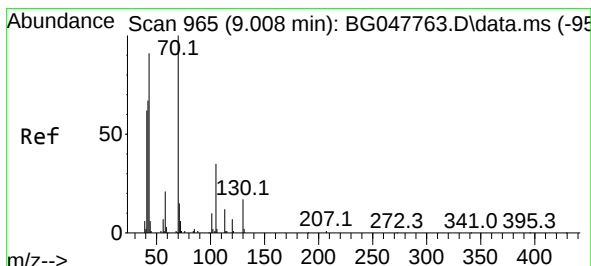
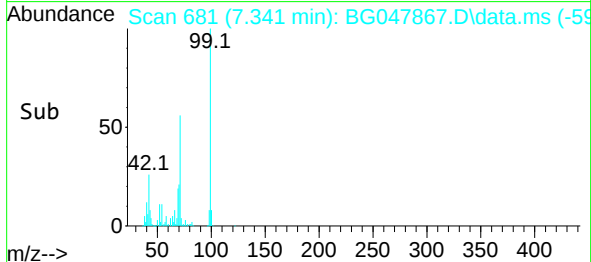
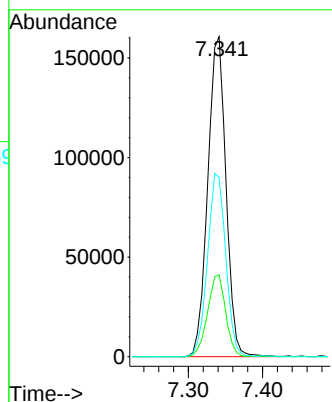
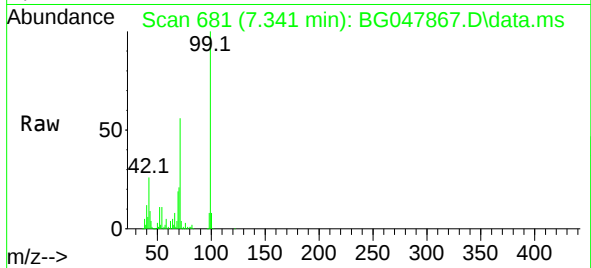




#7
Phenol-d6
Concen: 123.82 ng
RT: 7.341 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

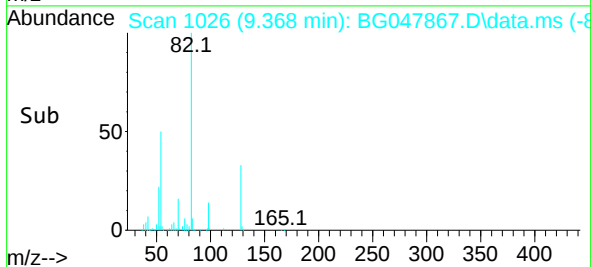
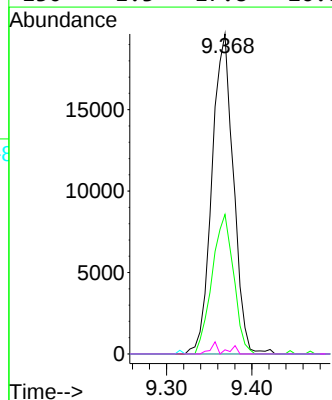
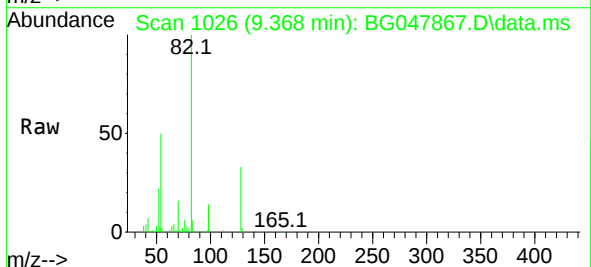
Instrument :
BNA_G
ClientSampleId :
PB133909BL

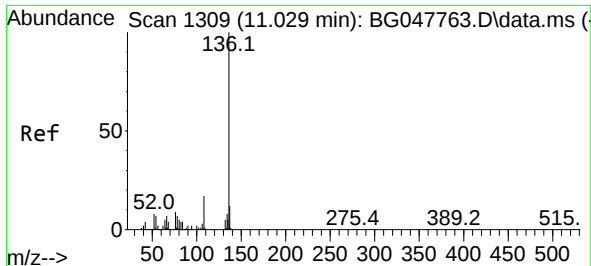
Tgt Ion: 99 Resp: 274572
Ion Ratio Lower Upper
99 100
42 25.5 12.8 19.2#
71 56.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.25 ng
RT: 9.368 min Scan# 1026
Delta R.T. 0.360 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

Tgt Ion: 70 Resp: 34335
Ion Ratio Lower Upper
70 100
42 43.6 45.6 68.4#
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#

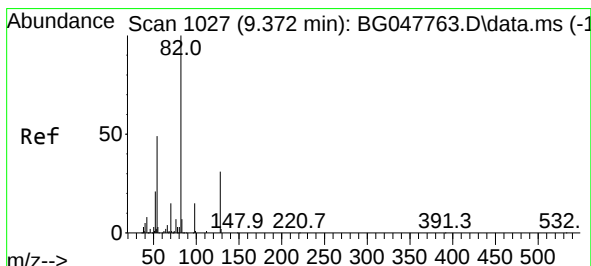
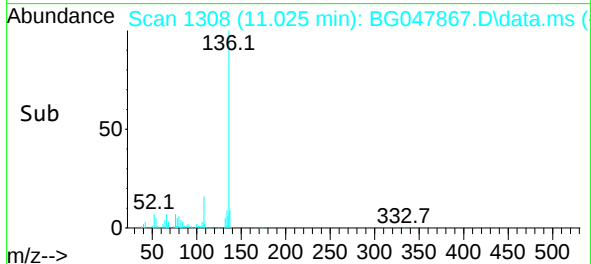
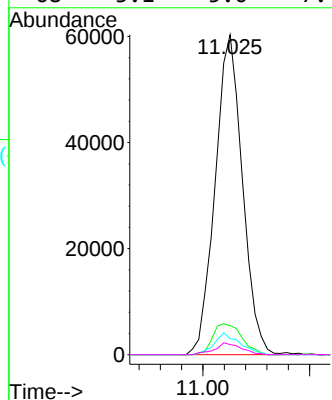
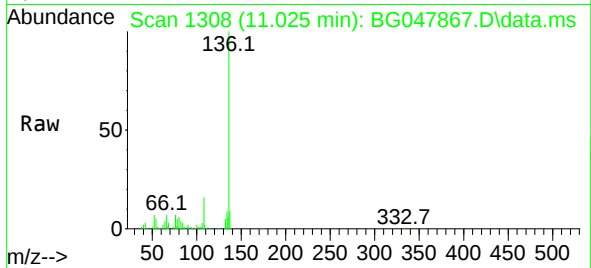




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.025 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

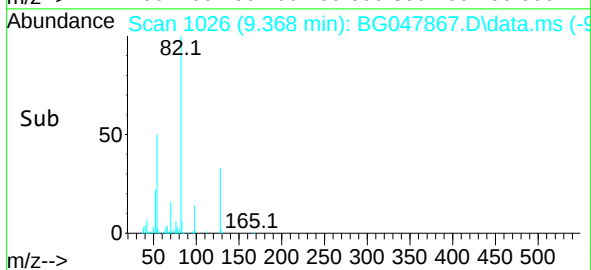
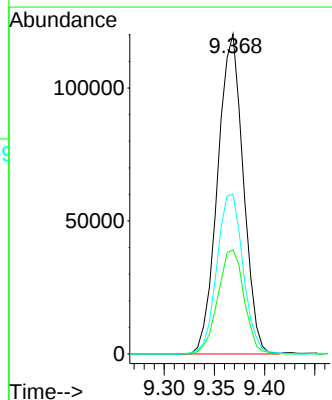
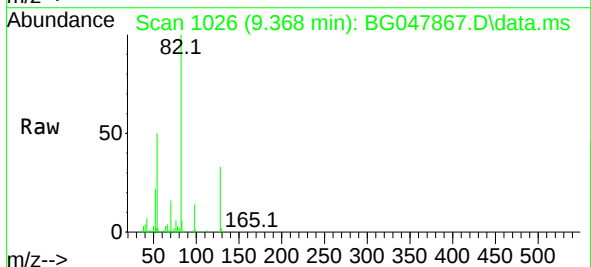
Instrument :
BNA_G
ClientSampleId :
PB133909BL

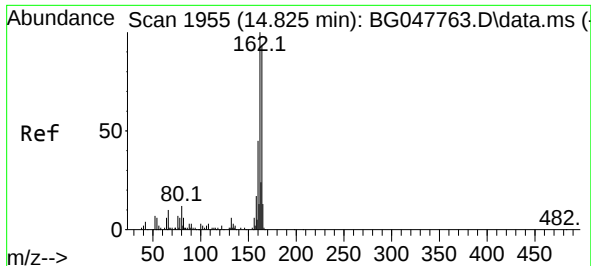
Tgt Ion:136 Resp: 106867
Ion Ratio Lower Upper
136 100
137 9.1 9.1 13.7#
54 5.0 6.2 9.4#
68 3.1 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 73.45 ng
RT: 9.368 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

Tgt Ion: 82 Resp: 213403
Ion Ratio Lower Upper
82 100
128 32.6 37.0 55.6#
54 49.9 39.0 58.4

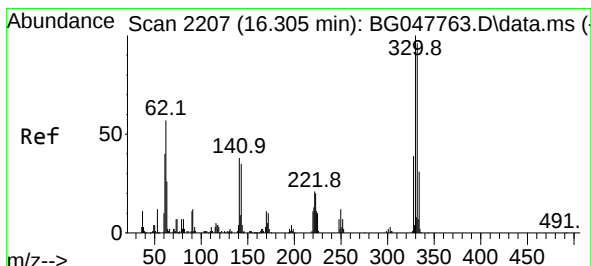
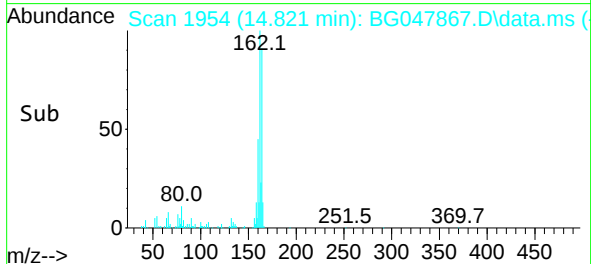
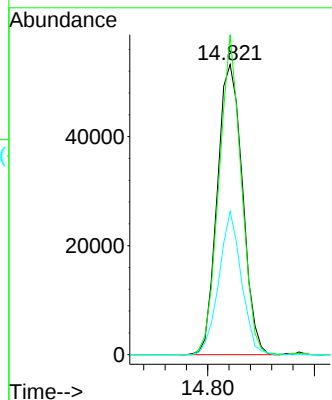
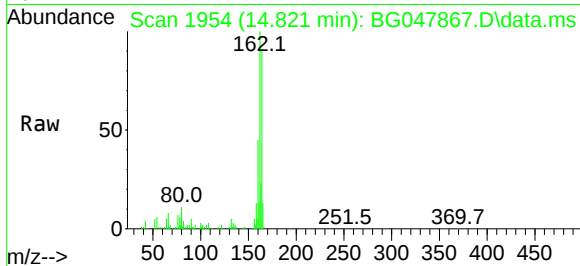




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

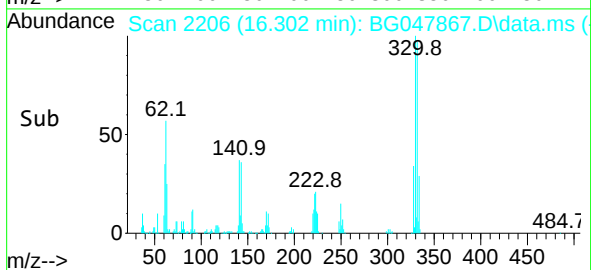
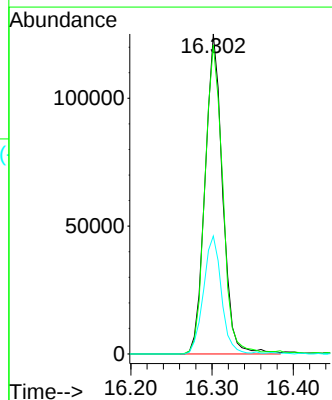
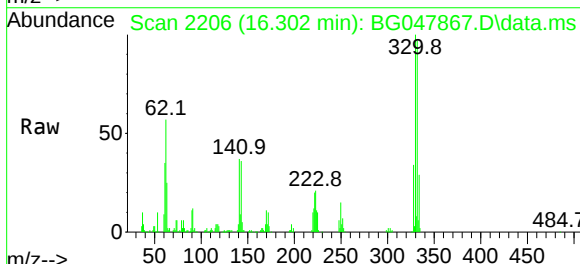
Instrument :
BNA_G
ClientSampleId :
PB133909BL

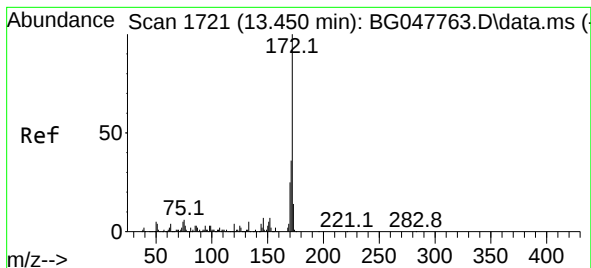
Tgt Ion:164 Resp: 87321
Ion Ratio Lower Upper
164 100
162 110.3 82.3 123.5
160 49.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 125.76 ng
RT: 16.302 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

Tgt Ion:330 Resp: 187469
Ion Ratio Lower Upper
330 100
332 97.7 76.5 114.7
141 37.6 26.0 39.0

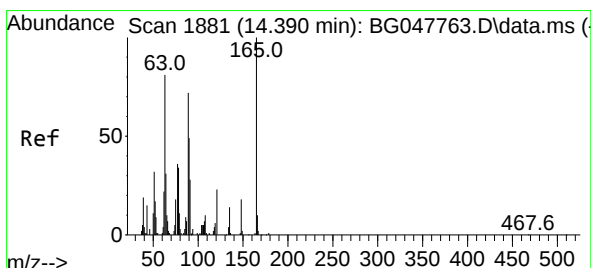
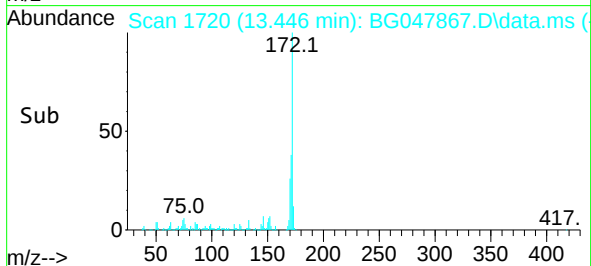
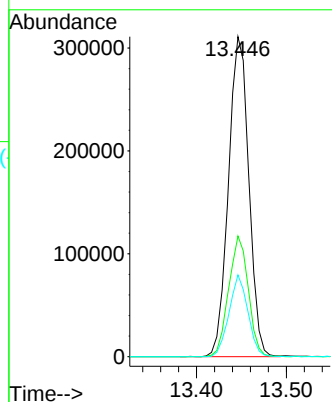
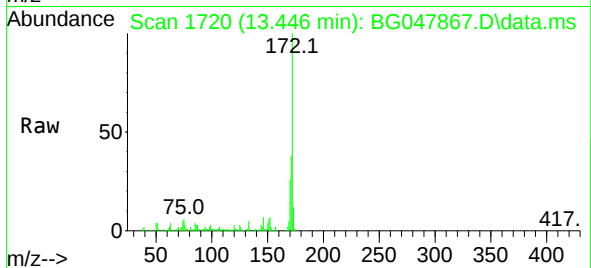




#45
2-Fluorobiphenyl
Concen: 72.50 ng
RT: 13.446 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

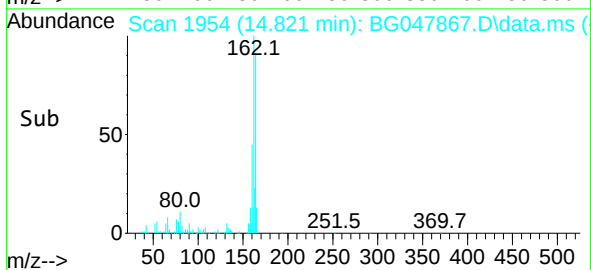
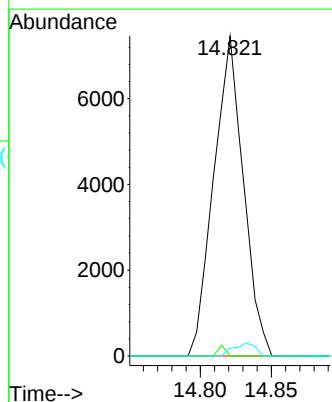
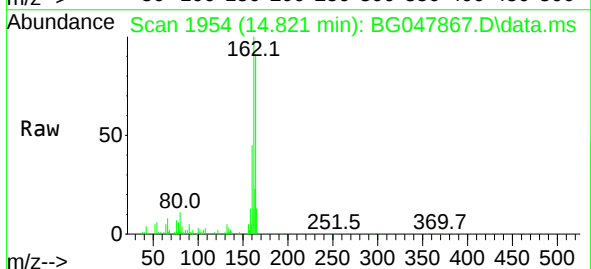
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ClientSampleId :
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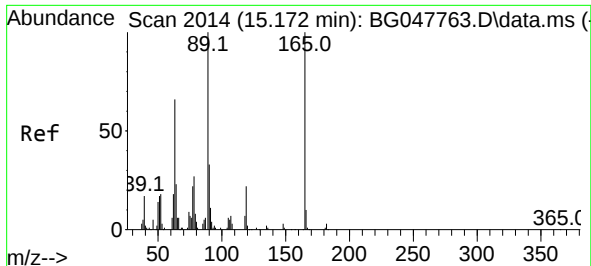
Tgt Ion:172 Resp: 489230
Ion Ratio Lower Upper
172 100
171 37.7 31.3 46.9
170 25.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.07 ng
RT: 14.821 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

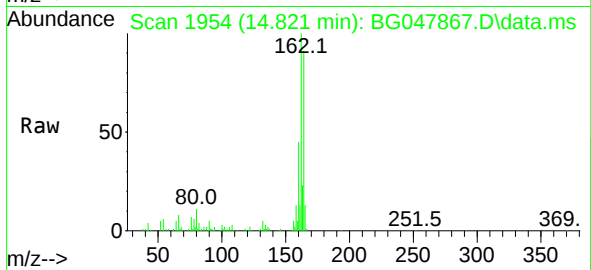
Tgt Ion:165 Resp: 10821
Ion Ratio Lower Upper
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63 0.0 33.7 50.5#
89 2.4 36.6 54.8#



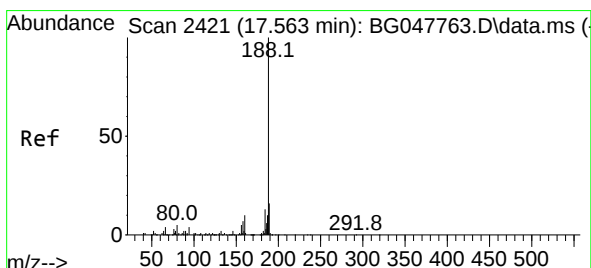
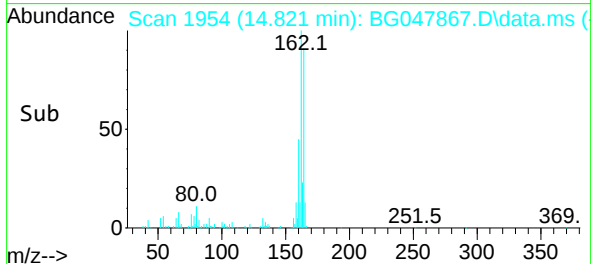
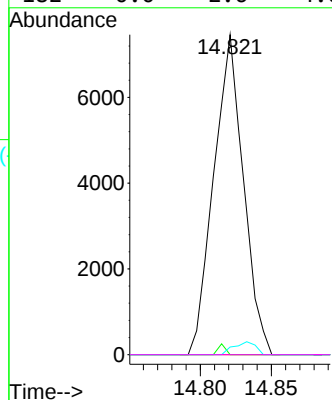


#57
2,4-Dinitrotoluene
Concen: 4.76 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.351 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

Instrument :
BNA_G
ClientSampleId :
PB133909BL

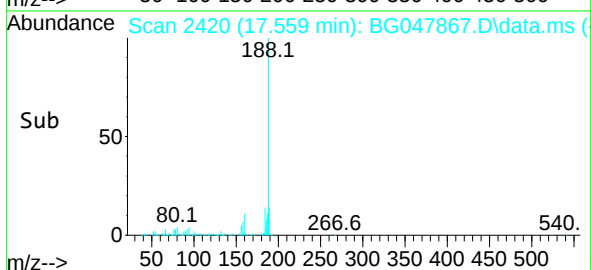
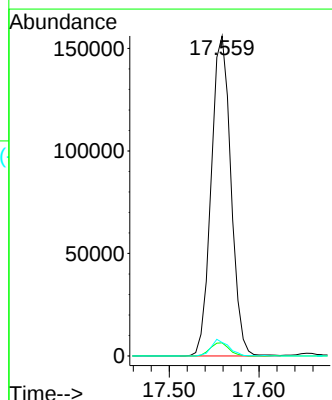
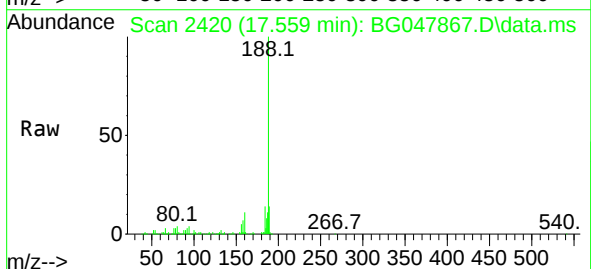


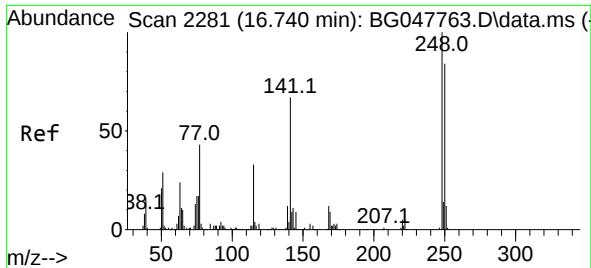
Tgt Ion:165 Resp: 10821
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.559 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

Tgt Ion:188 Resp: 237987
Ion Ratio Lower Upper
188 100
94 4.1 6.3 9.5#
80 4.2 7.0 10.6#

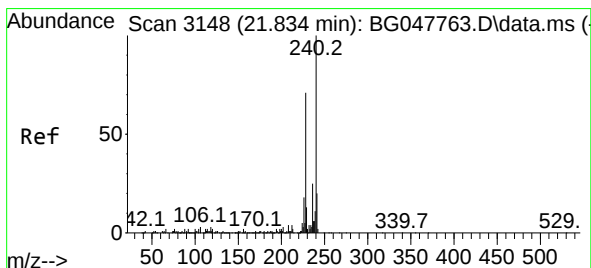
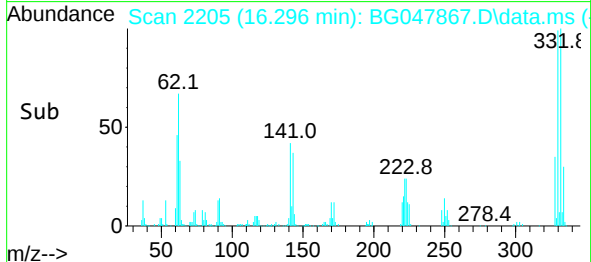
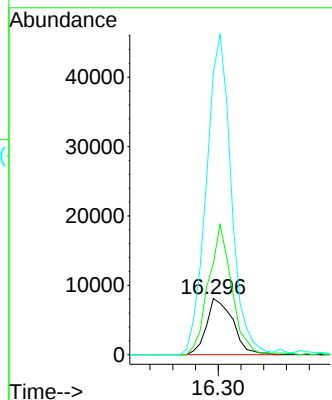
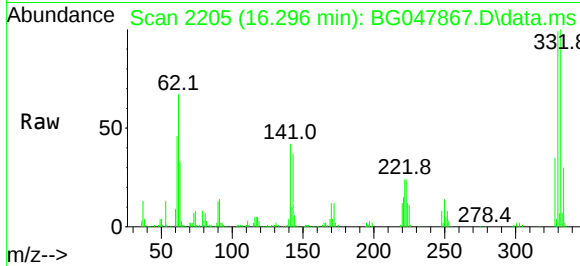




#67
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 16.296 min Scan# 2205
Delta R.T. -0.445 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

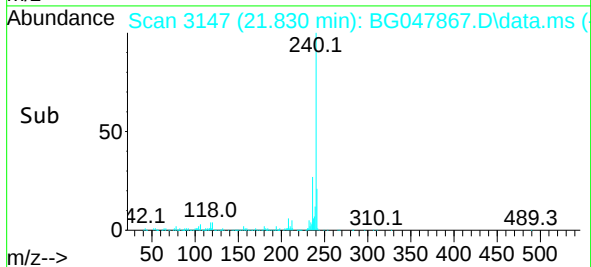
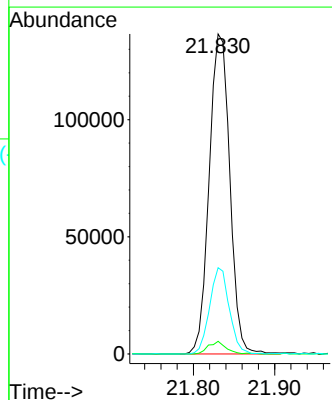
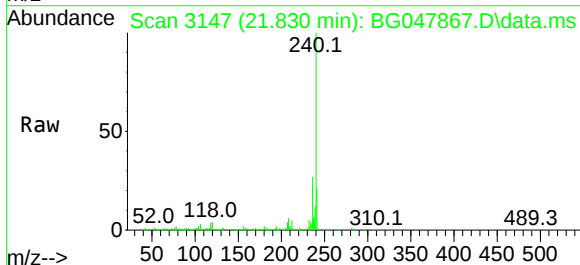
Instrument :
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ClientSampleId :
PB133909BL

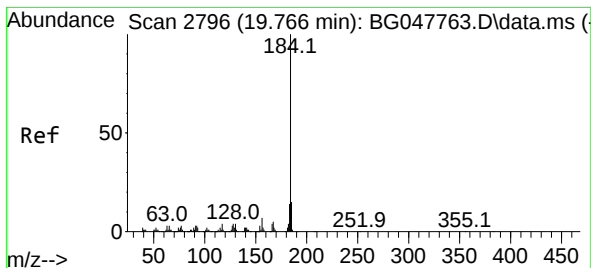
Tgt Ion:248 Resp: 13047
Ion Ratio Lower Upper
248 100
250 161.9 78.9 118.3#
141 502.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.830 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG047867.D
Acq: 5 Jan 2021 14:34

Tgt Ion:240 Resp: 240476
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 26.9 20.5 30.7





#77

Benzidine

Concen: 3.55 ng

RT: 20.144 min Scan# 2860

Delta R.T. 0.378 min

Lab File: BG047867.D

Acq: 5 Jan 2021 14:34

Tgt Ion:184 Resp: 22936

Ion Ratio Lower Upper

184 100

185 17.4 12.4 18.6

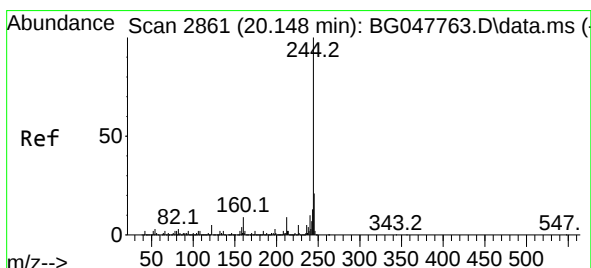
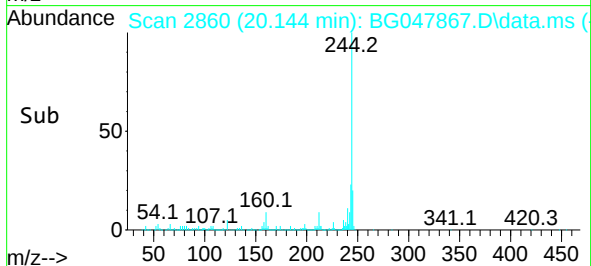
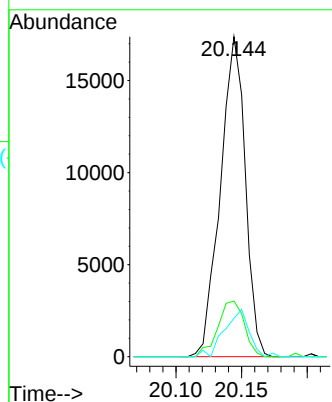
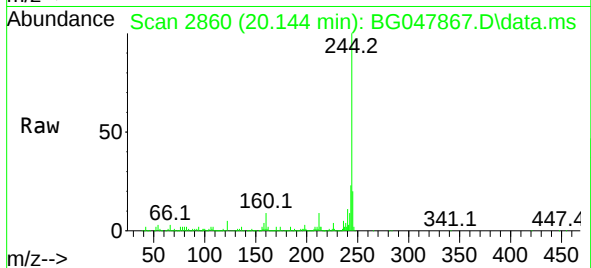
183 12.0 10.6 15.8

Instrument :

BNA_G

ClientSampleId :

PB133909BL



#79

Terphenyl-d14

Concen: 74.35 ng

RT: 20.144 min Scan# 2860

Delta R.T. -0.004 min

Lab File: BG047867.D

Acq: 5 Jan 2021 14:34

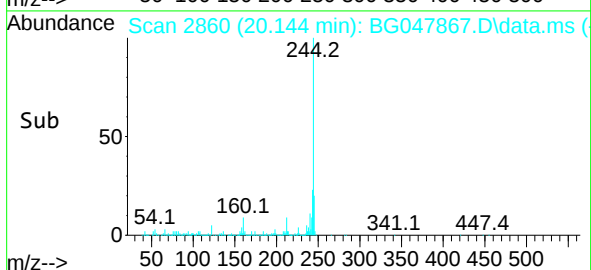
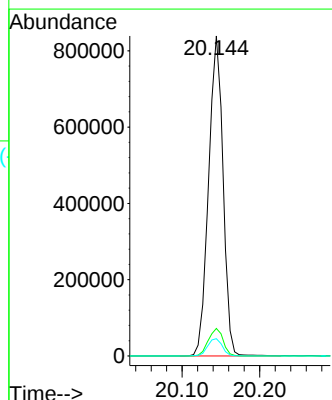
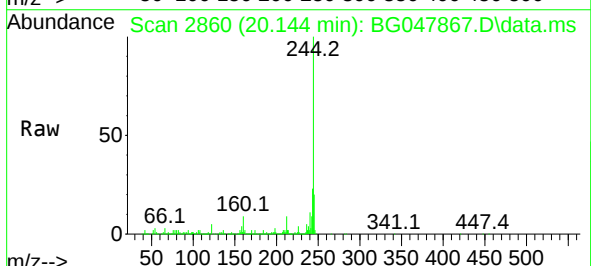
Tgt Ion:244 Resp: 1084975

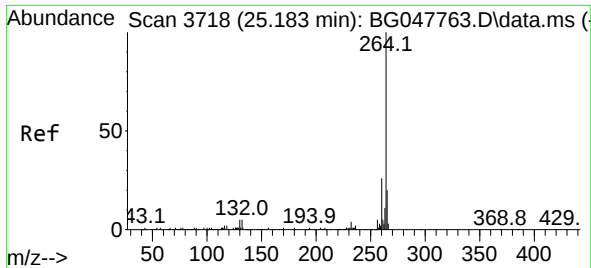
Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 5.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.179 min Scan# 3717
 Delta R.T. -0.004 min
 Lab File: BG047867.D
 Acq: 5 Jan 2021 14:34

Instrument :
 BNA_G
 ClientSampleId :
 PB133909BL

Tgt Ion:264 Resp: 230831
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 22.7 17.8 26.8

