

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010621\
 Data File : BG047879.D
 Acq On : 6 Jan 2021 17:02
 Operator : CG/JU
 Sample : PB133938TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133938TB

Quant Time: Jan 06 17:38:17 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)

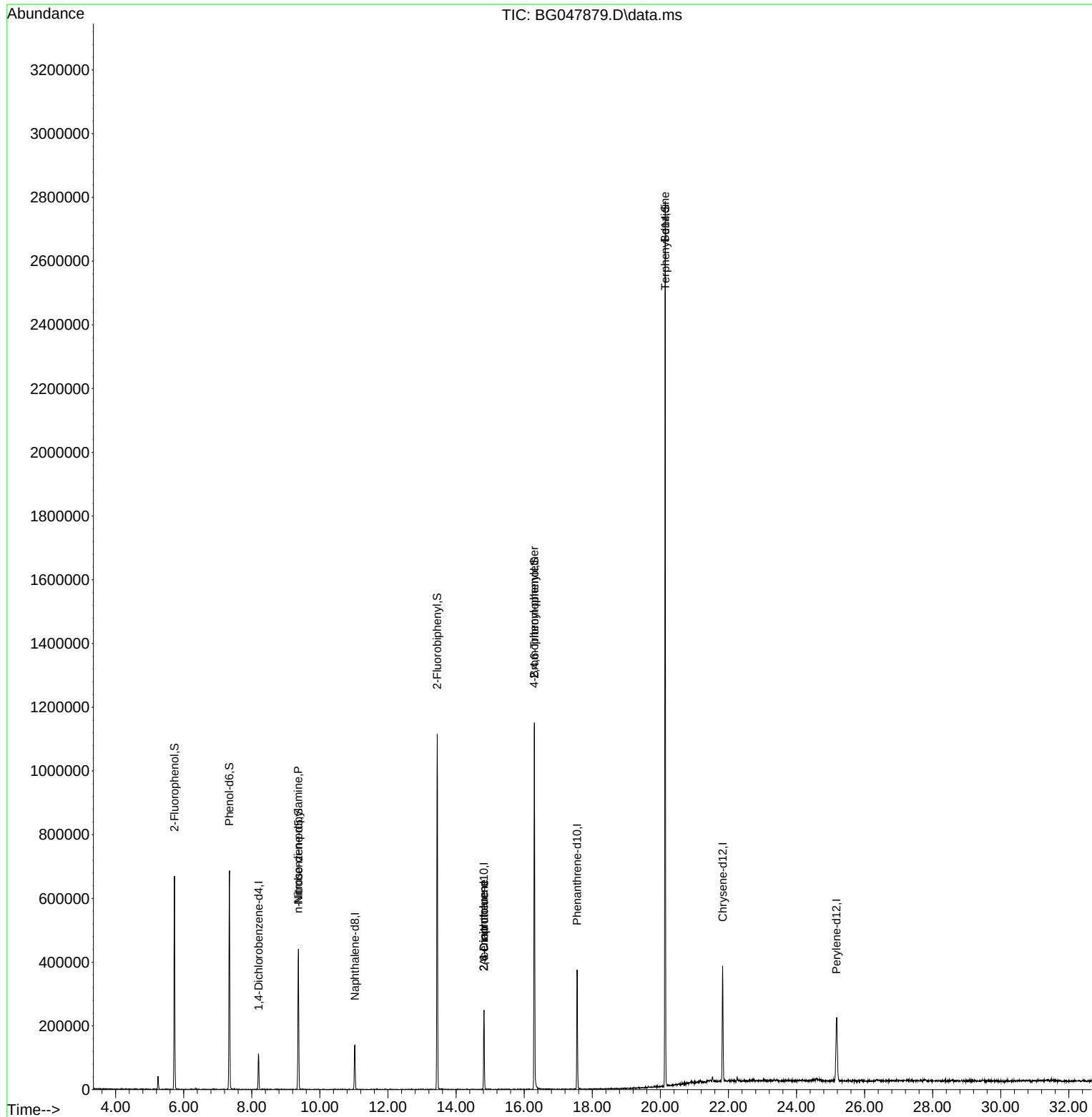
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	30040	20.00	ng	0.00
21) Naphthalene-d8	11.026	136	113174	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	88527	20.00	ng	0.00
64) Phenanthrene-d10	17.553	188	244673	20.00	ng	# 0.00
76) Chrysene-d12	21.831	240	235583	20.00	ng	# 0.00
86) Perylene-d12	25.174	264	234739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.726	112	243057	139.97	ng	0.00
7) Phenol-d6	7.342	99	337075	132.79	ng	0.00
23) Nitrobenzene-d5	9.369	82	258529	84.02	ng	0.00
42) 2,4,6-Tribromophenol	16.302	330	221917	146.84	ng	0.00
45) 2-Fluorobiphenyl	13.446	172	574286	83.94	ng	0.00
79) Terphenyl-d14	20.144	244	1189012	83.17	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.363	70	42587	24.11	ng	# 76
51) 2,6-Dinitrotoluene	14.815	165	12194	7.86	ng	# 36
57) 2,4-Dinitrotoluene	14.815	165	12194	5.29	ng	# 34
67) 4-Bromophenyl-phenylether	16.296	248	16027	4.87	ng	# 1
70) Pentachlorophenol	17.165	266	161	Below Cal		# 19
77) Benzidine	20.138	184	23876	3.77	ng	# 88

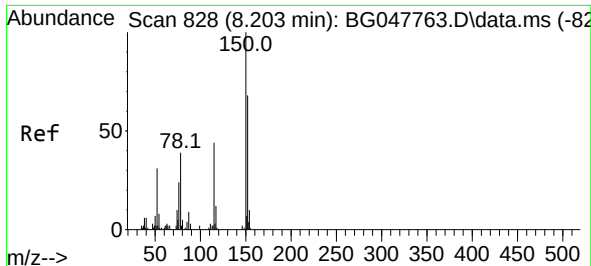
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
Response via : Initial Calibration

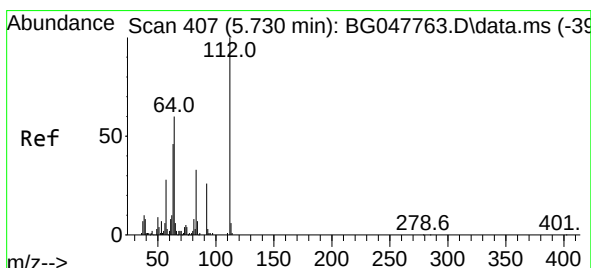
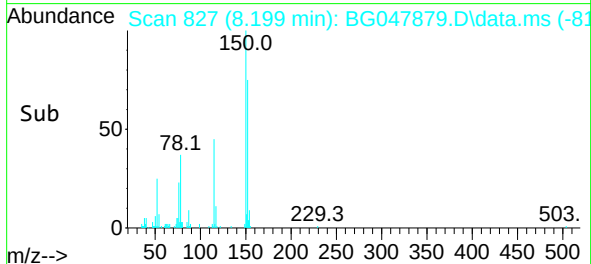
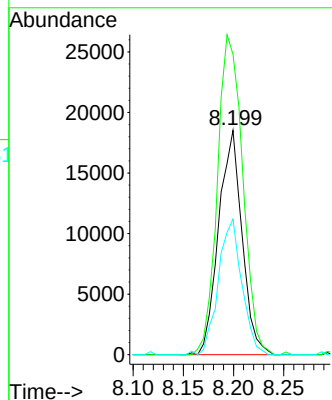
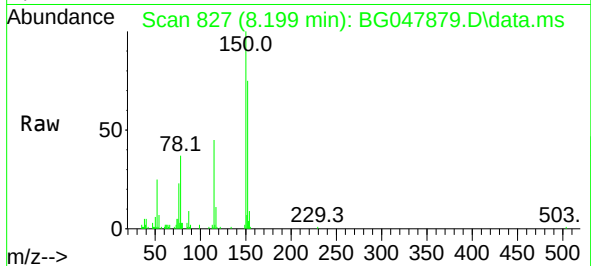




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.199 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

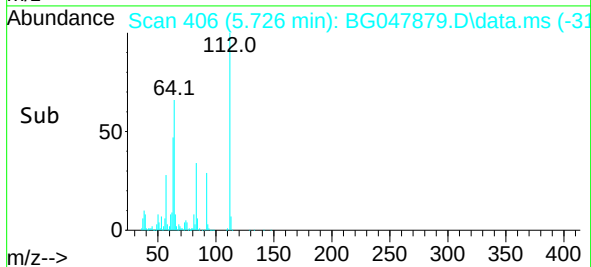
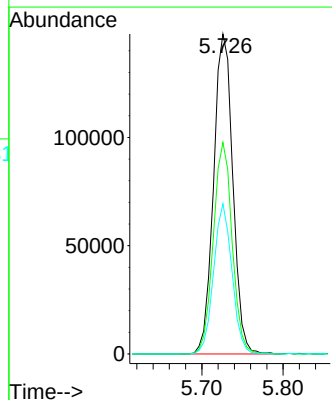
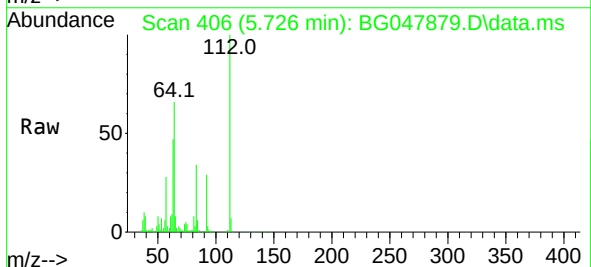
Instrument :
BNA_G
ClientSampleId :
PB133938TB

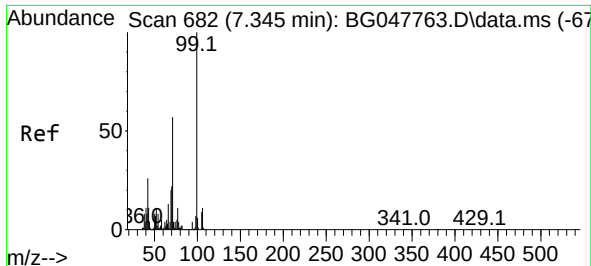
Tgt Ion:152 Resp: 30040
Ion Ratio Lower Upper
152 100
150 133.9 125.0 187.6
115 60.4 41.8 62.6



#5
2-Fluorophenol
Concen: 139.97 ng
RT: 5.726 min Scan# 406
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

Tgt Ion:112 Resp: 243057
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 46.9 22.8 34.2#

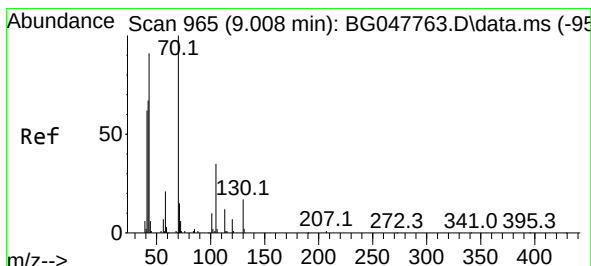
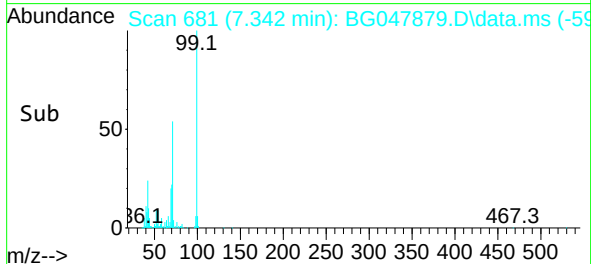
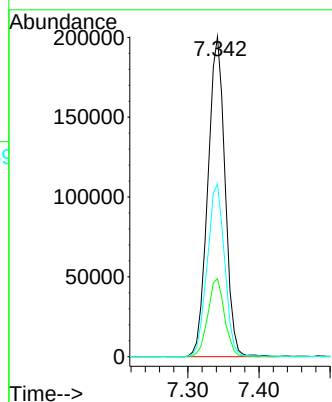
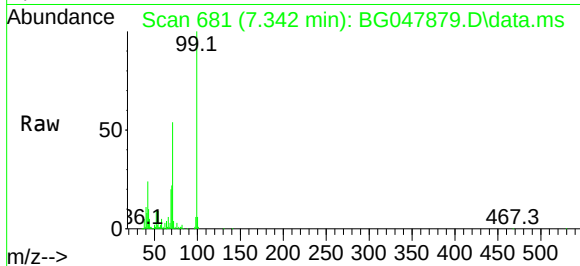




#7
Phenol-d6
Concen: 132.79 ng
RT: 7.342 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

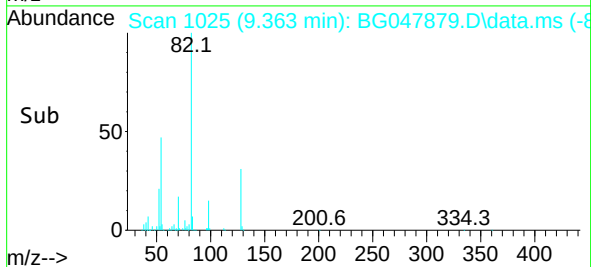
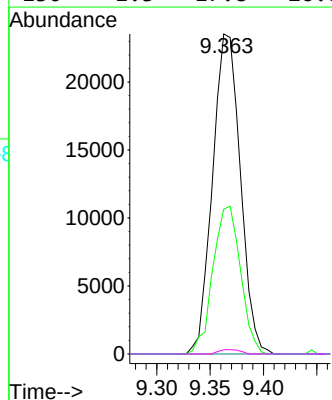
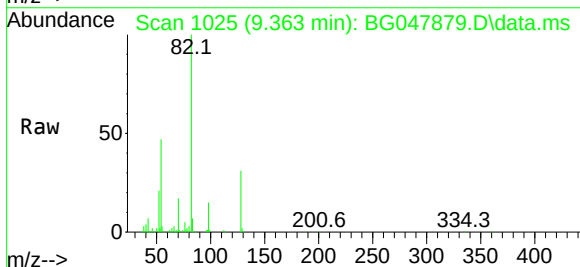
Instrument :
BNA_G
ClientSampleId :
PB133938TB

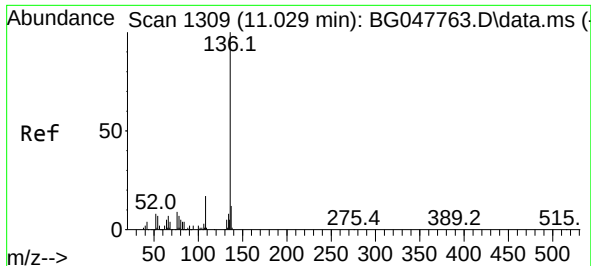
Tgt Ion: 99 Resp: 337075
Ion Ratio Lower Upper
99 100
42 24.4 12.8 19.2#
71 54.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 24.11 ng
RT: 9.363 min Scan# 1025
Delta R.T. 0.355 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

Tgt Ion: 70 Resp: 42587
Ion Ratio Lower Upper
70 100
42 45.2 45.6 68.4#
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#

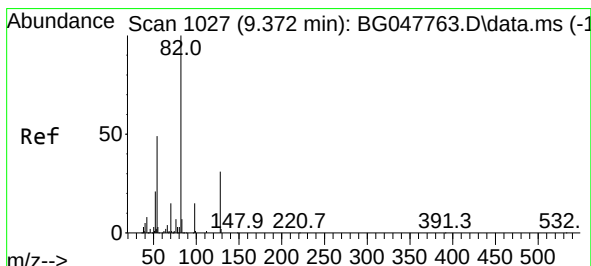
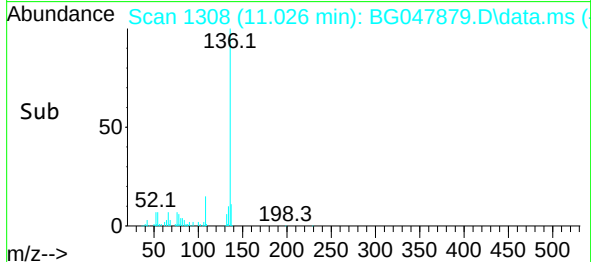
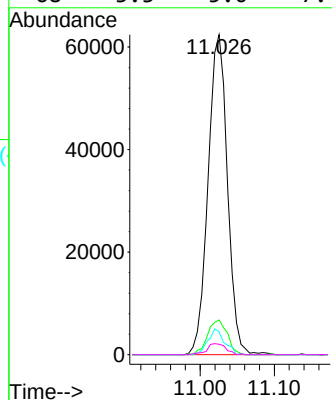
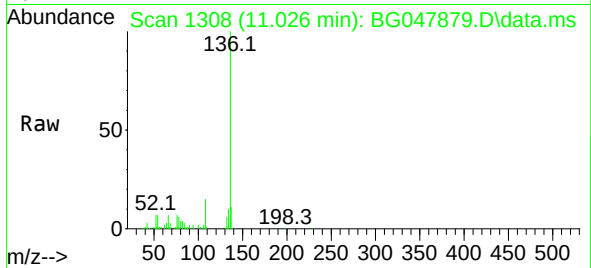




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.026 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

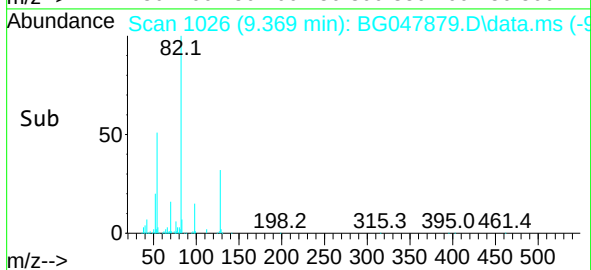
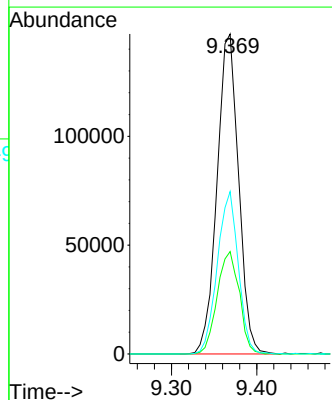
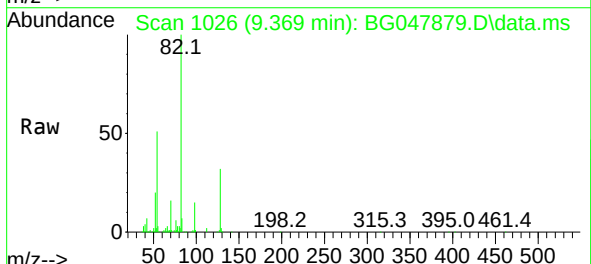
Instrument :
BNA_G
ClientSampleId :
PB133938TB

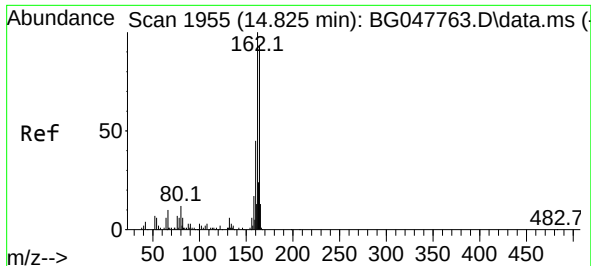
Tgt Ion:136	Resp:	113174
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	7.1	6.2 9.4
68	3.3	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 84.02 ng
RT: 9.369 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

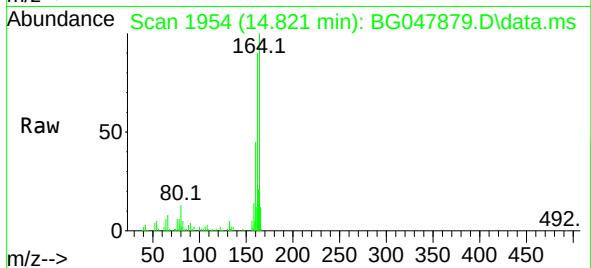
Tgt Ion: 82	Resp:	258529
Ion Ratio	Lower	Upper
82	100	
128	32.0	37.0 55.6#
54	50.7	39.0 58.4



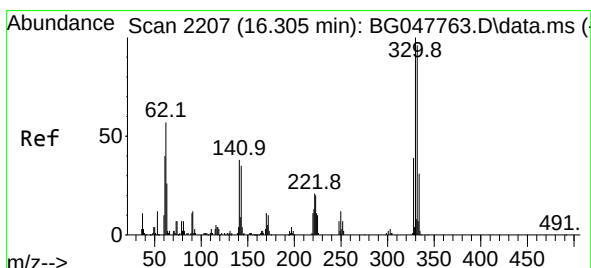
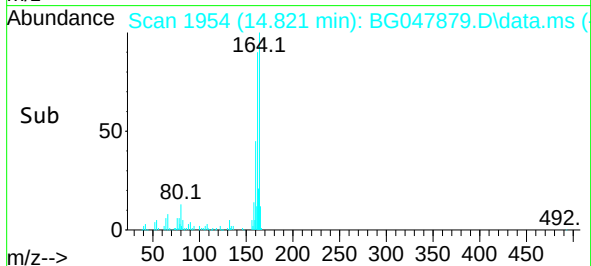
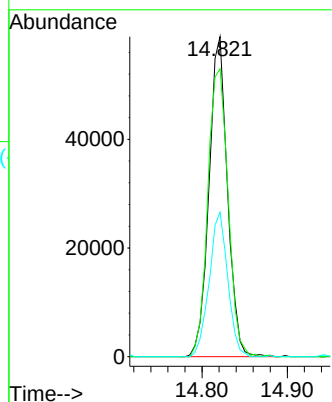


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

Instrument :
BNA_G
ClientSampleId :
PB133938TB

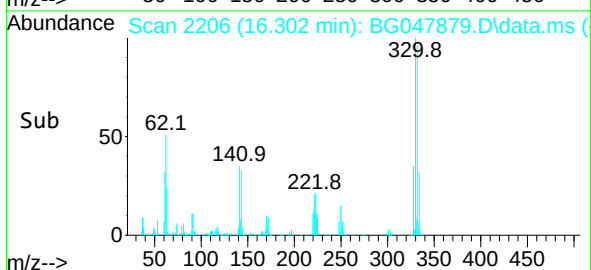
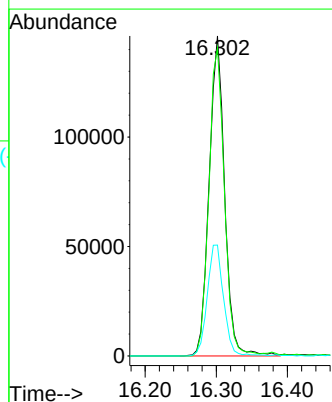
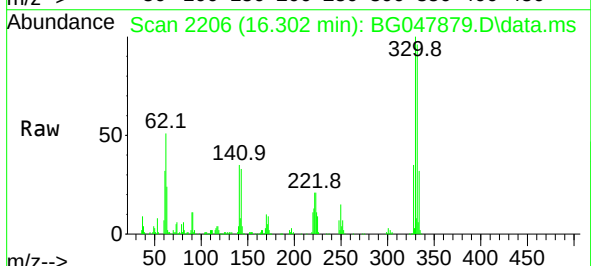


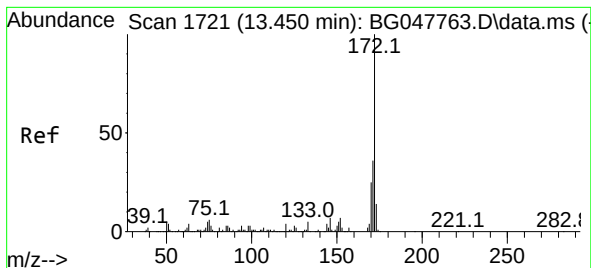
Tgt Ion:164 Resp: 88527
Ion Ratio Lower Upper
164 100
162 90.0 82.3 123.5
160 45.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 146.84 ng
RT: 16.302 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

Tgt Ion:330 Resp: 221917
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.5 26.0 39.0

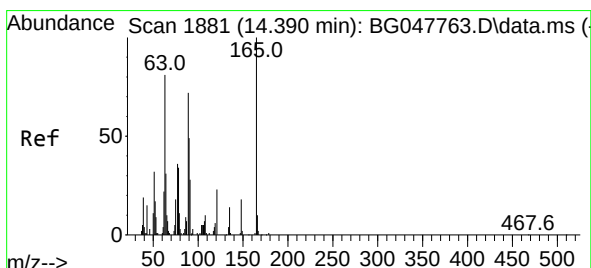
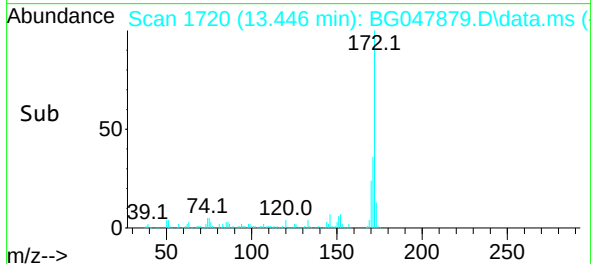
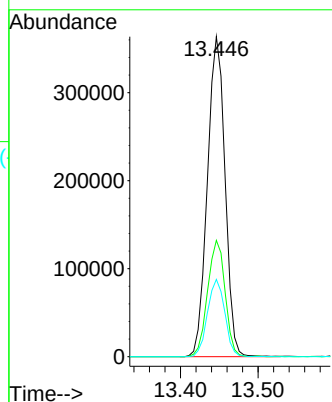
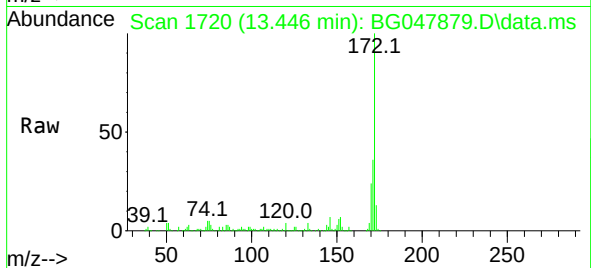




#45
2-Fluorobiphenyl
Concen: 83.94 ng
RT: 13.446 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

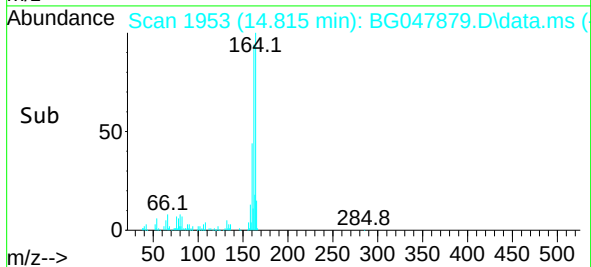
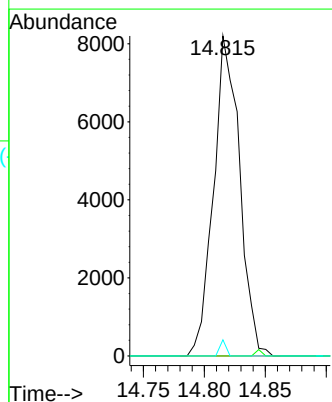
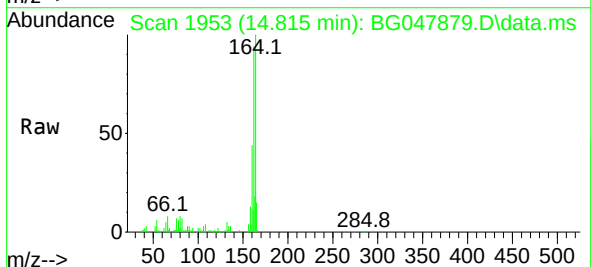
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ClientSampleId :
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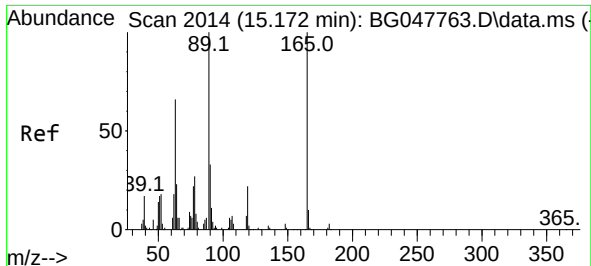
Tgt Ion:172 Resp: 574286
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 24.1 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 14.815 min Scan# 1953
Delta R.T. 0.425 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

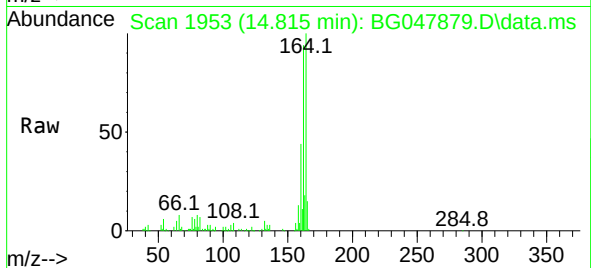
Tgt Ion:165 Resp: 12194
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 5.0 36.6 54.8#



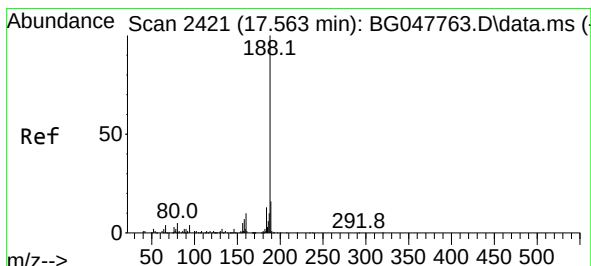
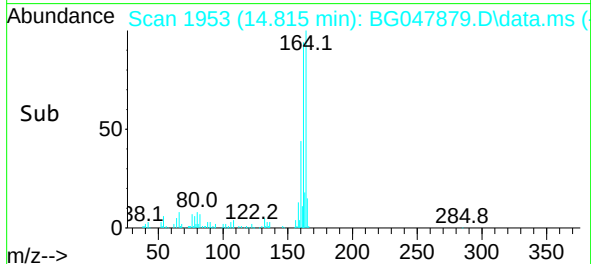
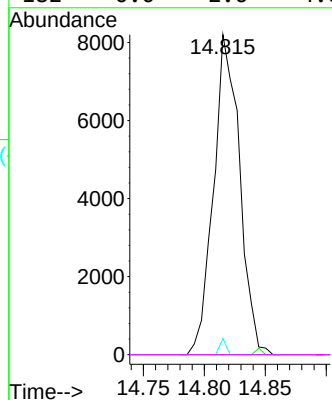


#57
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 14.815 min Scan# 1953
Delta R.T. -0.356 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

Instrument :
BNA_G
ClientSampleId :
PB133938TB

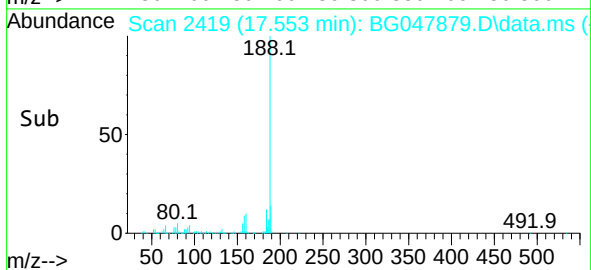
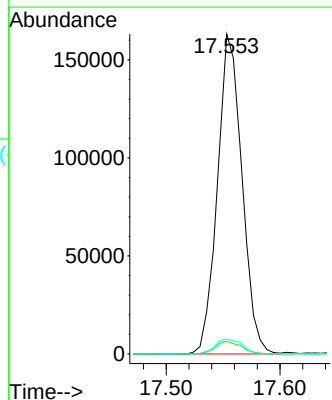
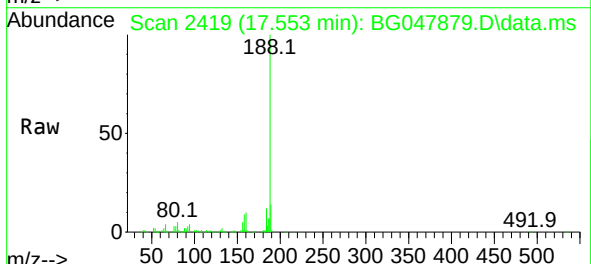


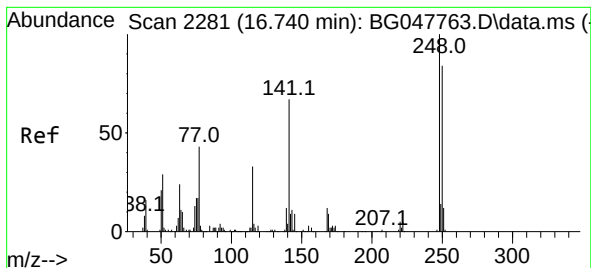
Tgt Ion:165 Resp: 12194
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 5.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.553 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

Tgt Ion:188 Resp: 244673
Ion Ratio Lower Upper
188 100
94 3.9 6.3 9.5#
80 4.6 7.0 10.6#

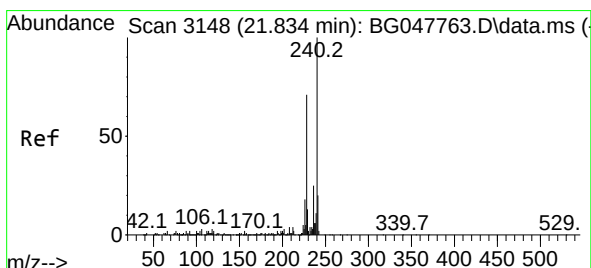
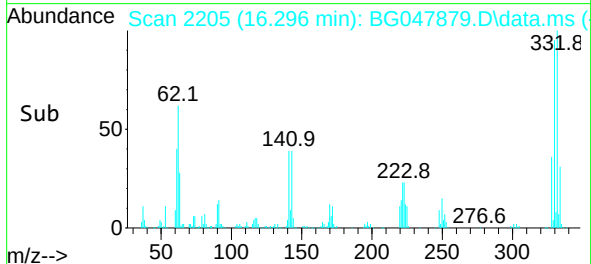
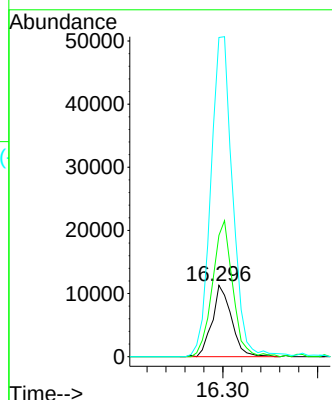
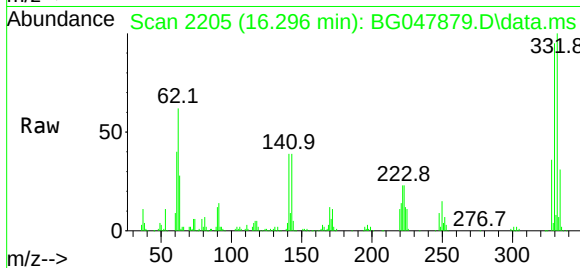




#67
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 16.296 min Scan# 2205
Delta R.T. -0.444 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

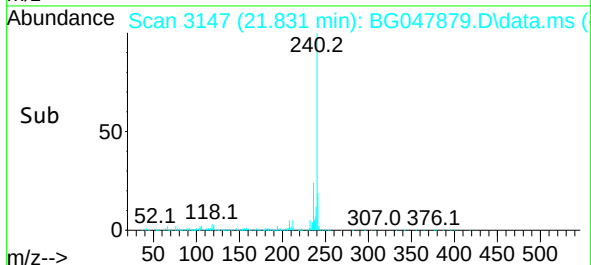
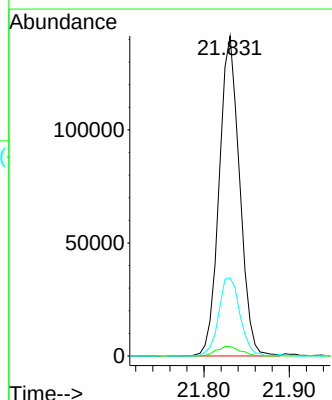
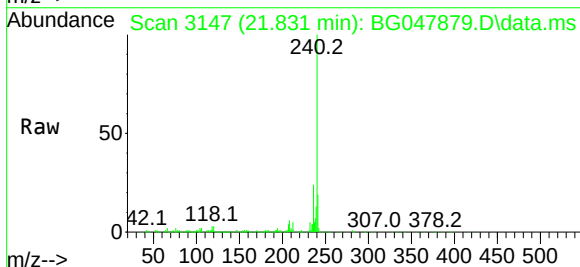
Instrument :
BNA_G
ClientSampleId :
PB133938TB

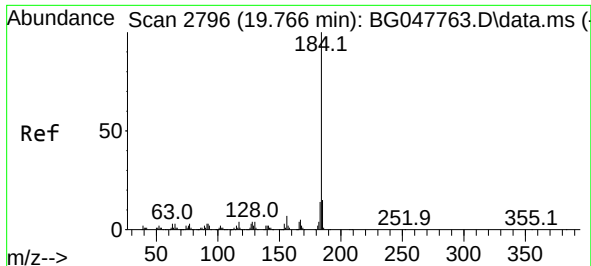
Tgt Ion:248 Resp: 16027
Ion Ratio Lower Upper
248 100
250 169.9 78.9 118.3#
141 447.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.831 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

Tgt Ion:240 Resp: 235583
Ion Ratio Lower Upper
240 100
120 2.9 6.2 9.4#
236 24.5 20.5 30.7

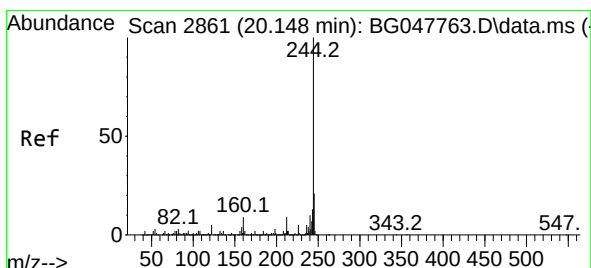
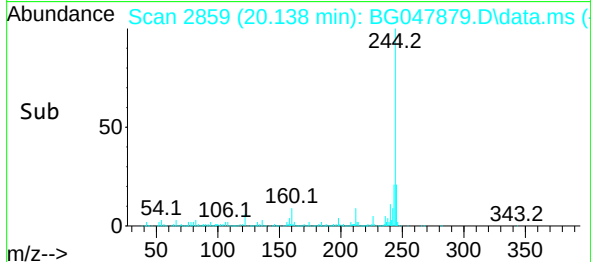
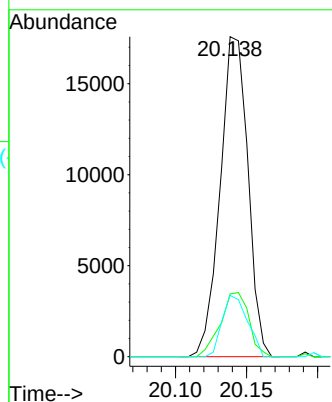
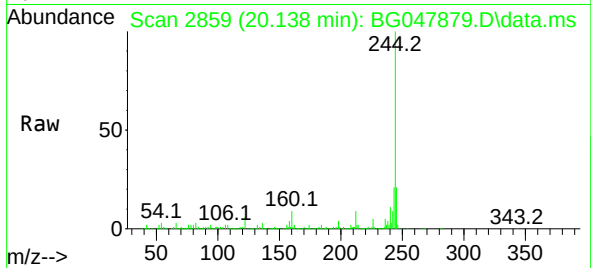




#77
Benzidine
Concen: 3.77 ng
RT: 20.138 min Scan# 2859
Delta R.T. 0.372 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

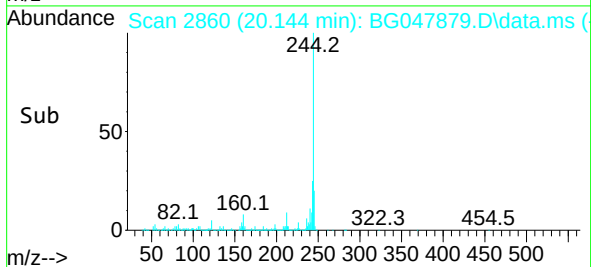
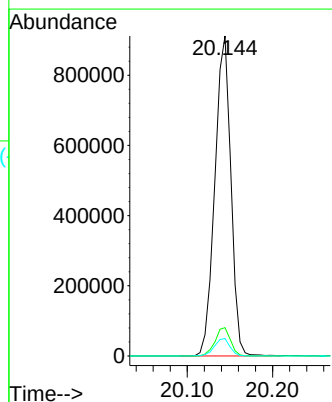
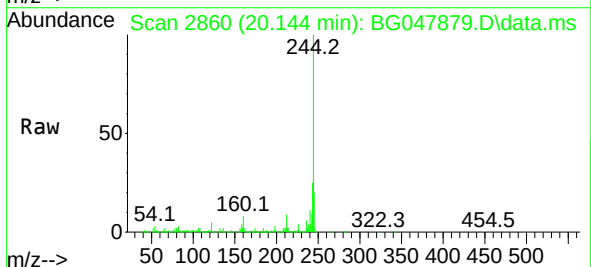
Instrument :
BNA_G
ClientSampleId :
PB133938TB

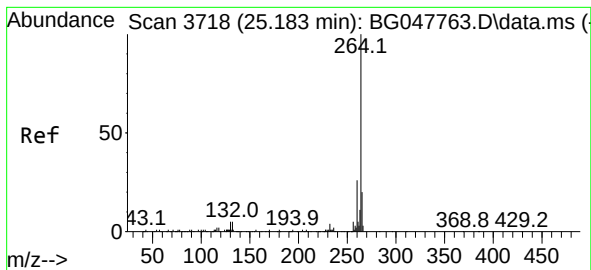
Tgt Ion:184 Resp: 23876
Ion Ratio Lower Upper
184 100
185 19.6 12.4 18.6#
183 19.1 10.6 15.8#



#79
Terphenyl-d14
Concen: 83.17 ng
RT: 20.144 min Scan# 2860
Delta R.T. -0.004 min
Lab File: BG047879.D
Acq: 6 Jan 2021 17:02

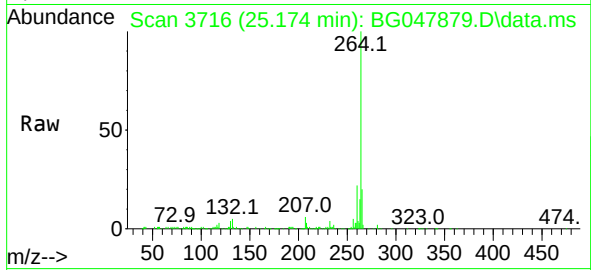
Tgt Ion:244 Resp: 1189012
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 5.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.174 min Scan# 3716
 Delta R.T. -0.010 min
 Lab File: BG047879.D
 Acq: 6 Jan 2021 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB133938TB



Tgt Ion:264 Resp: 234739
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.8 28.2
 265 19.7 17.8 26.8

