

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047939.D
 Acq On : 20 Jan 2021 16:13
 Operator : CG/JU
 Sample : PB134201TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134201TB

Quant Time: Jan 20 16:50:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 16:06:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

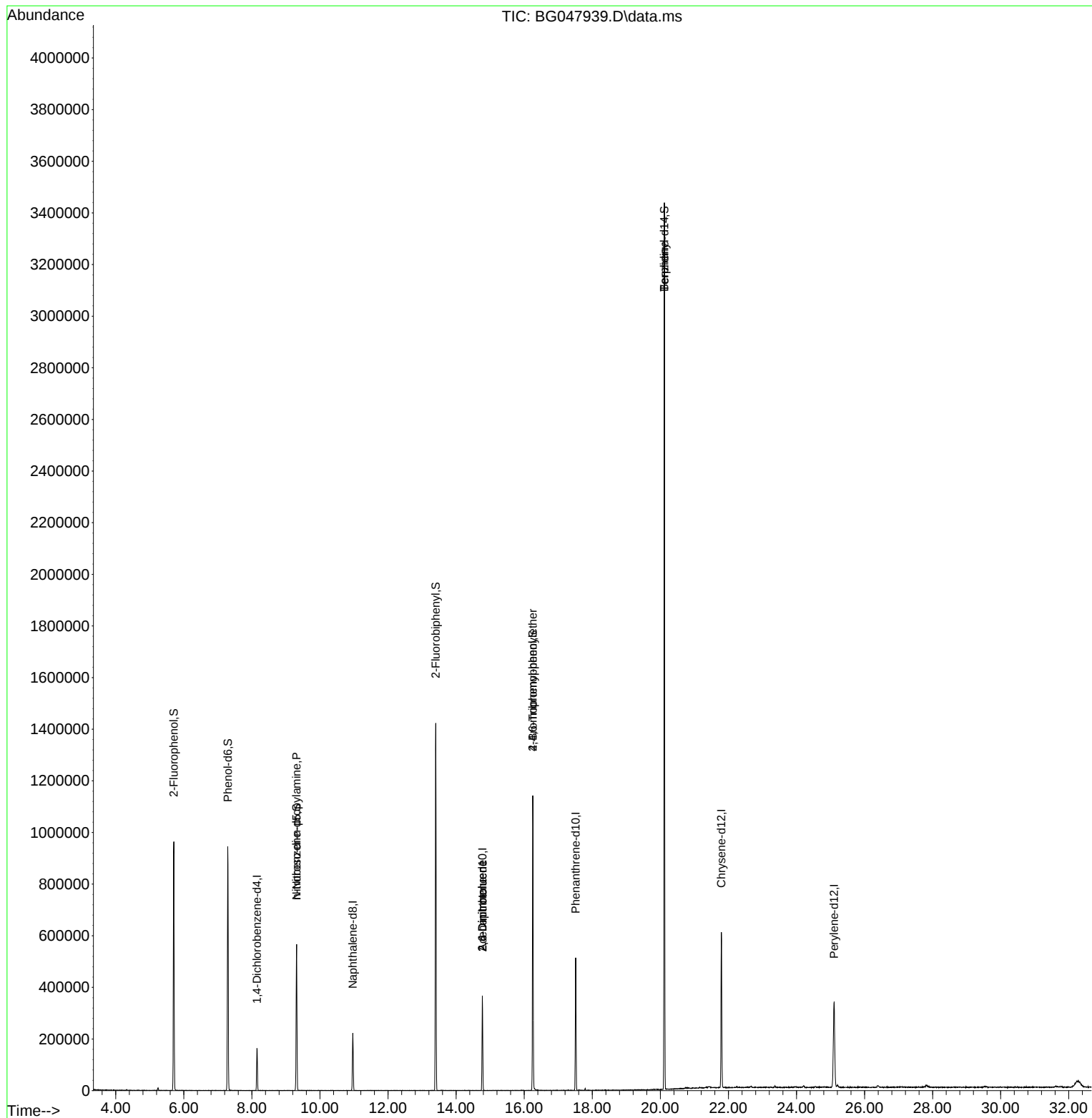
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	45668	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	175787	20.00	ng	# 0.00
39) Acenaphthene-d10	14.771	164	125583	20.00	ng	0.00
64) Phenanthrene-d10	17.515	188	320607	20.00	ng	0.00
76) Chrysene-d12	21.792	240	387189	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	374614	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	363896	144.93	ng	0.00
7) Phenol-d6	7.292	99	488949	127.41	ng	0.00
23) Nitrobenzene-d5	9.313	82	322617	90.05	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	209215	125.44	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	726134	76.97	ng	0.00
79) Terphenyl-d14	20.118	244	1463527	69.70	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.313	70	44889	15.94	ng	# 80
48) 2-Nitroaniline	13.402	65	1384	Below Cal		# 15
51) 2,6-Dinitrotoluene	14.771	165	16490	11.81	ng	# 35
57) 2,4-Dinitrotoluene	14.771	165	16490	8.90	ng	# 33
67) 4-Bromophenyl-phenylether	16.252	248	13908	3.34	ng	# 1
77) Benzidine	20.118	184	25313	2.97	ng	# 94
80) Butylbenzylphthalate	20.758	149	56	Below Cal		# 27
84) Bis(2-ethylhexyl)phtha...	21.722	149	60	Below Cal		# 50
85) Di-n-octyl phthalate	22.926	149	67	Below Cal		# 1

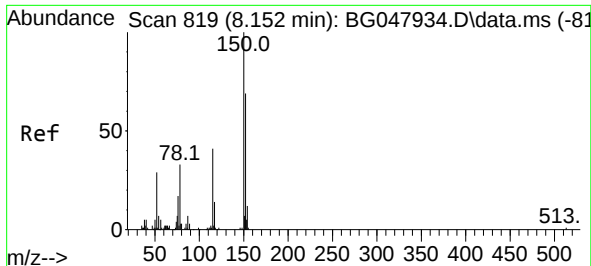
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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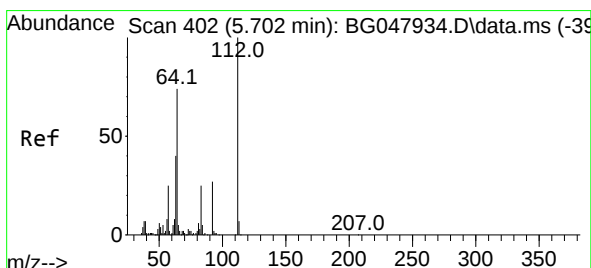
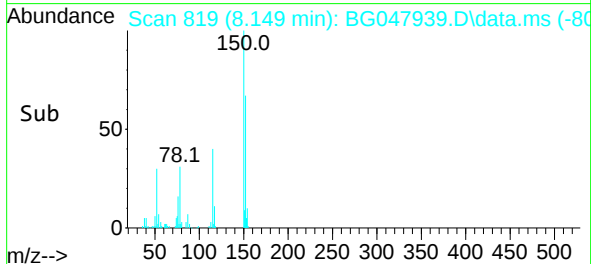
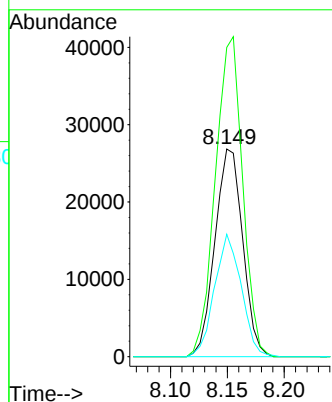
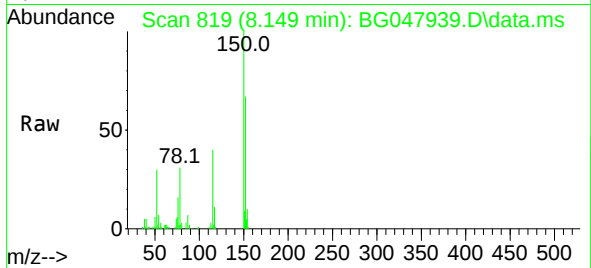




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.149 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

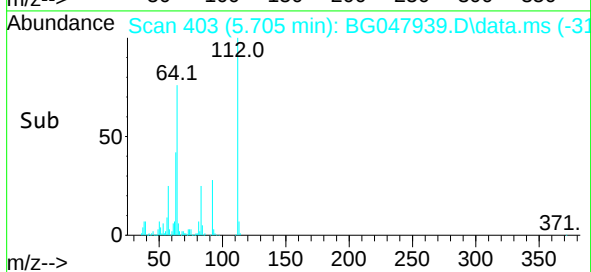
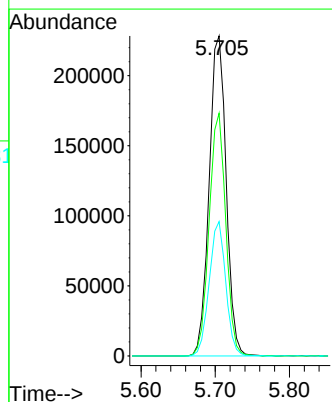
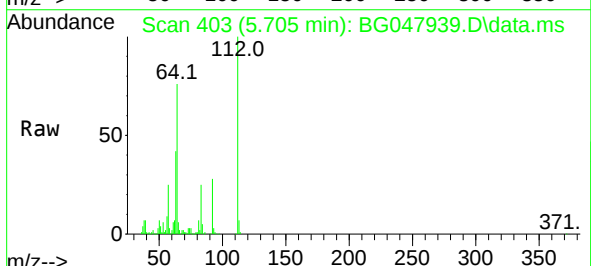
Instrument :
BNA_G
ClientSampleId :
PB134201TB

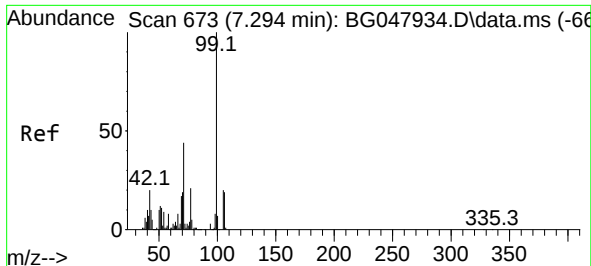
Tgt Ion:152 Resp: 45668
Ion Ratio Lower Upper
152 100
150 148.9 125.0 187.6
115 58.9 41.8 62.6



#5
2-Fluorophenol
Concen: 144.93 ng
RT: 5.705 min Scan# 403
Delta R.T. 0.004 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Tgt Ion:112 Resp: 363896
Ion Ratio Lower Upper
112 100
64 75.9 46.7 70.1#
63 42.0 22.8 34.2#

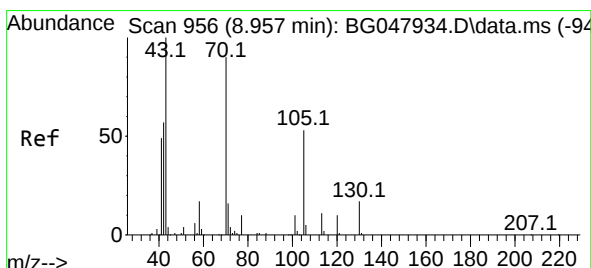
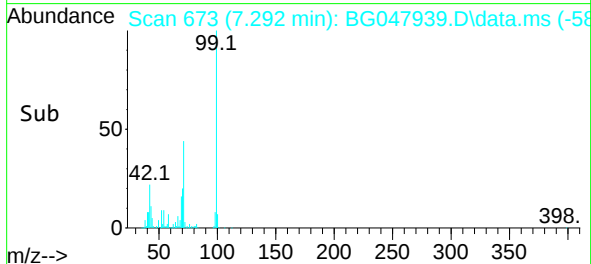
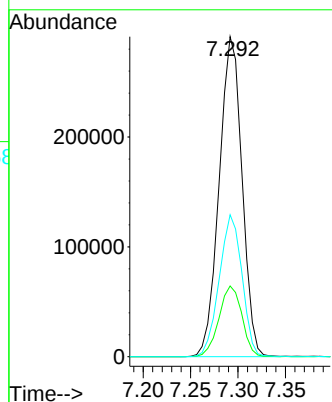
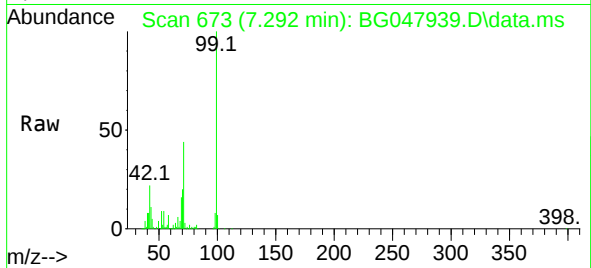




#7
Phenol-d6
Concen: 127.41 ng
RT: 7.292 min Scan# 673
Delta R.T. -0.002 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

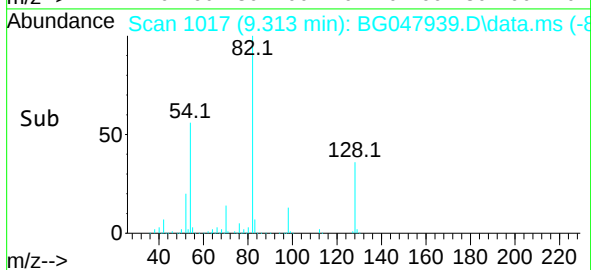
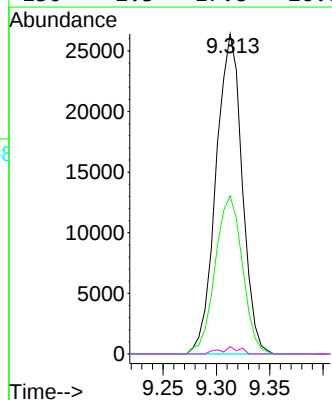
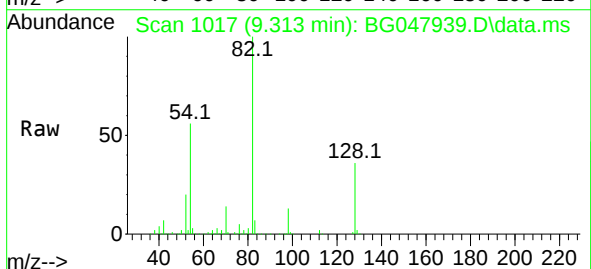
Instrument :
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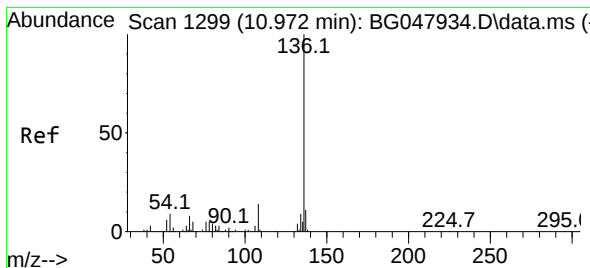
Tgt Ion: 99 Resp: 488949
Ion Ratio Lower Upper
99 100
42 22.1 12.8 19.2#
71 44.3 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.94 ng
RT: 9.313 min Scan# 1017
Delta R.T. 0.356 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

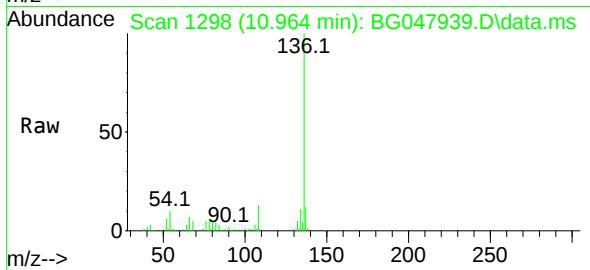
Tgt Ion: 70 Resp: 44889
Ion Ratio Lower Upper
70 100
42 49.4 45.6 68.4
101 0.0 8.4 12.6#
130 2.3 17.8 26.8#



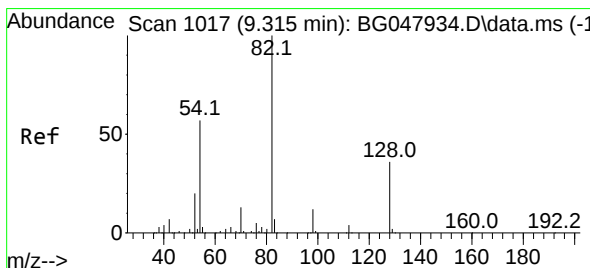
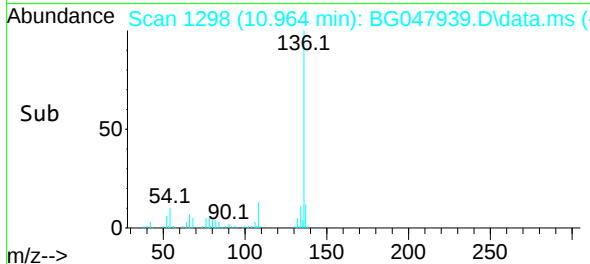
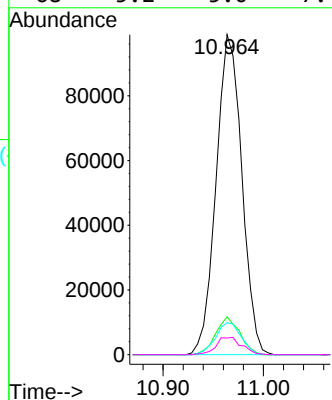


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. -0.008 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Instrument :
BNA_G
ClientSampleId :
PB134201TB

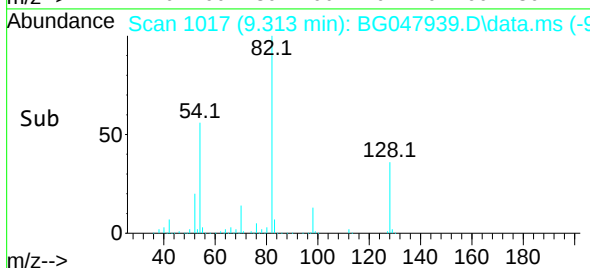
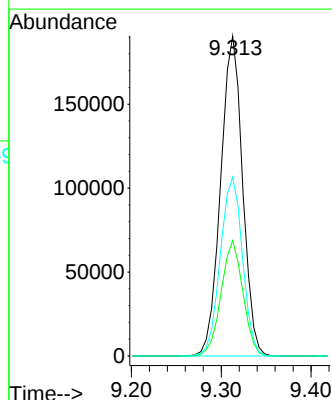
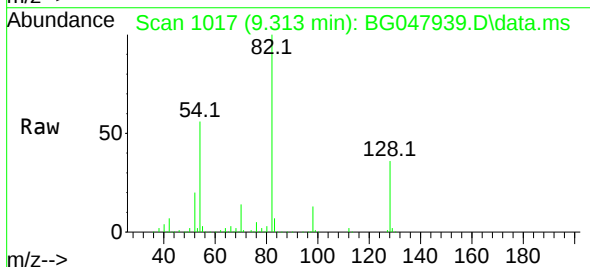


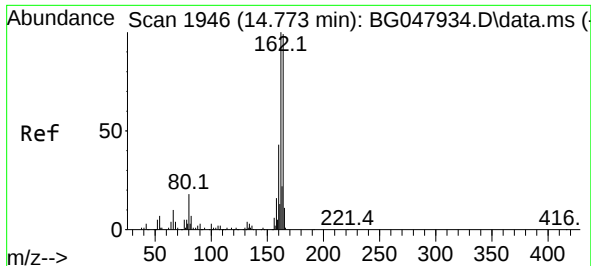
Tgt Ion:136 Resp: 175787
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 10.0 6.2 9.4#
68 5.2 5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.05 ng
RT: 9.313 min Scan# 1017
Delta R.T. -0.002 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Tgt Ion: 82 Resp: 322617
Ion Ratio Lower Upper
82 100
128 36.1 37.0 55.6#
54 55.9 39.0 58.4

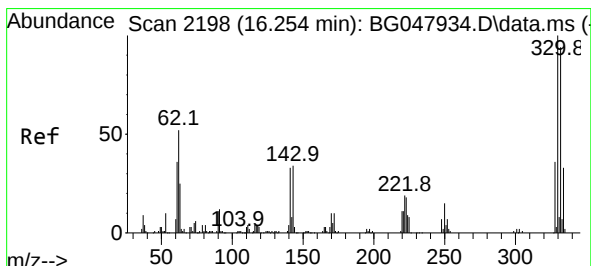
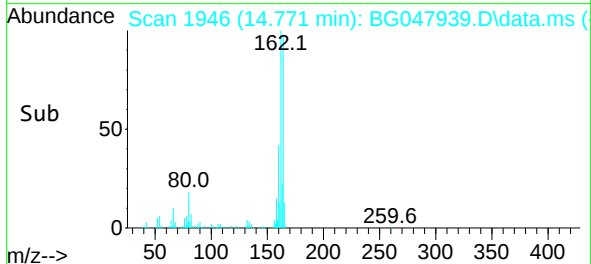
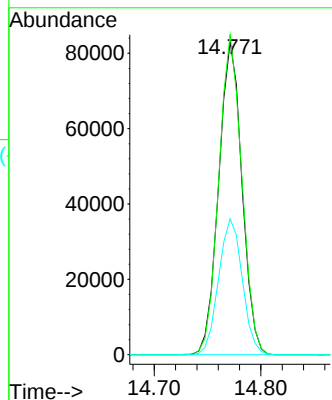
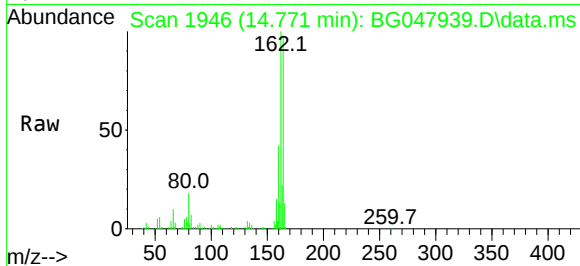




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

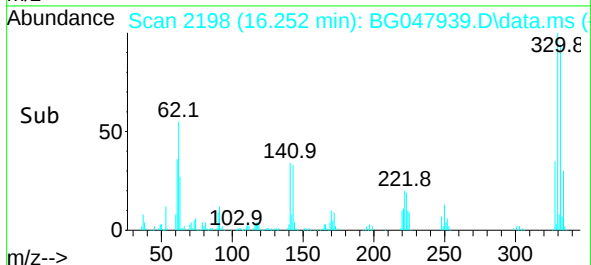
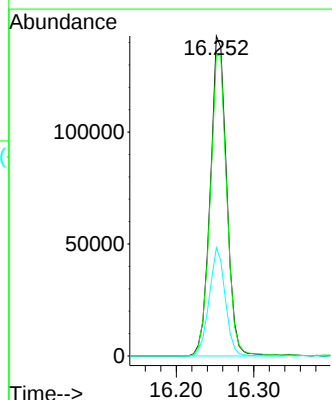
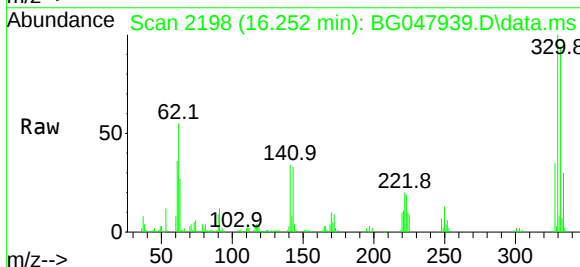
Instrument :
BNA_G
ClientSampleId :
PB134201TB

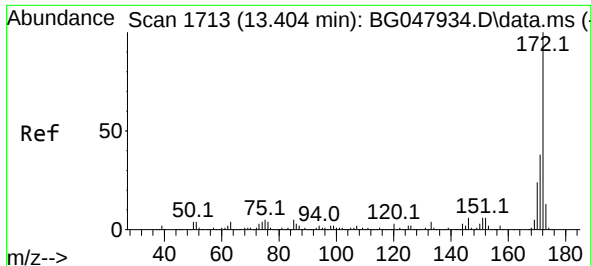
Tgt Ion:164 Resp: 125583
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 43.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 125.44 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.002 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Tgt Ion:330 Resp: 209215
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 33.2 26.0 39.0

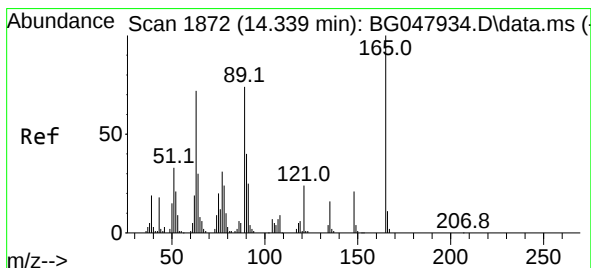
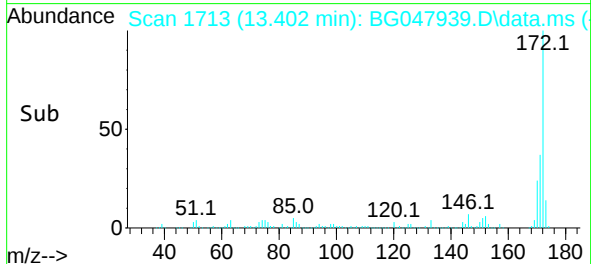
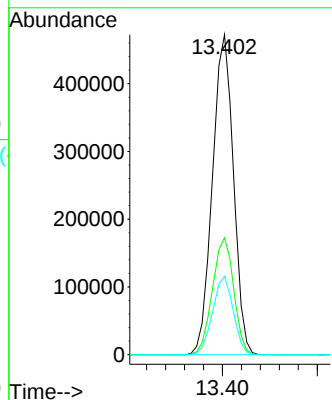
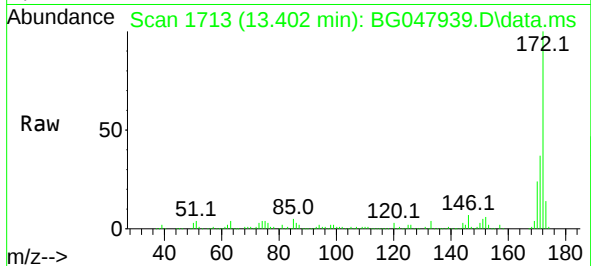




#45
2-Fluorobiphenyl
Concen: 76.97 ng
RT: 13.402 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

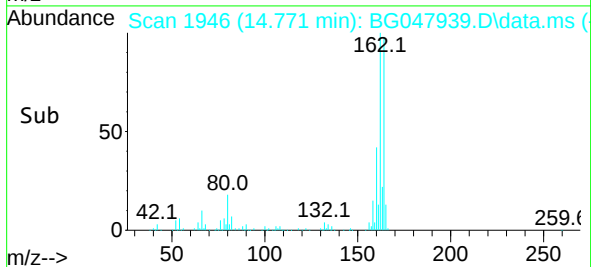
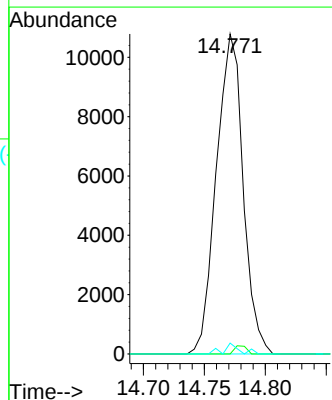
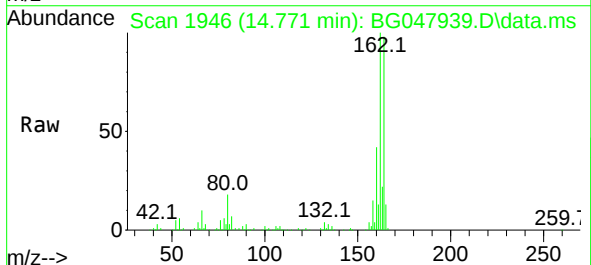
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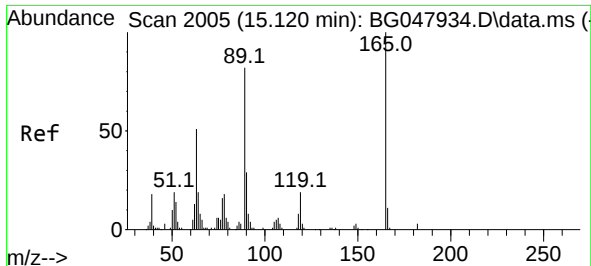
Tgt Ion:172 Resp: 726134
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 24.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 11.81 ng
RT: 14.771 min Scan# 1946
Delta R.T. 0.432 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

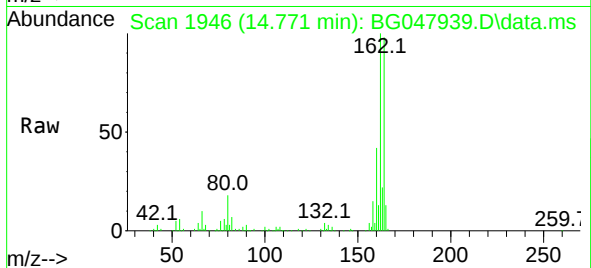
Tgt Ion:165 Resp: 16490
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 3.4 36.6 54.8#



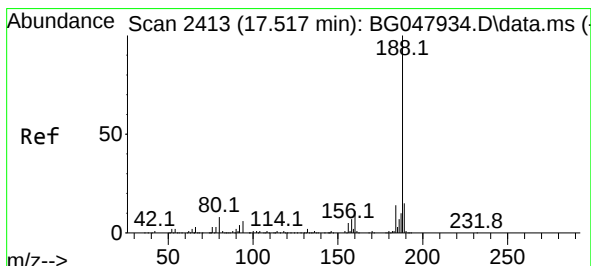
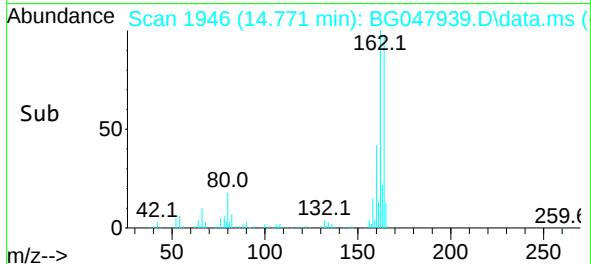
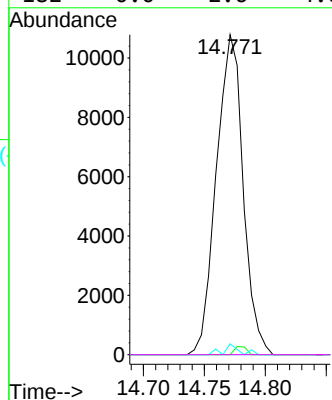


#57
2,4-Dinitrotoluene
Concen: 8.90 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.349 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Instrument :
BNA_G
ClientSampleId :
PB134201TB

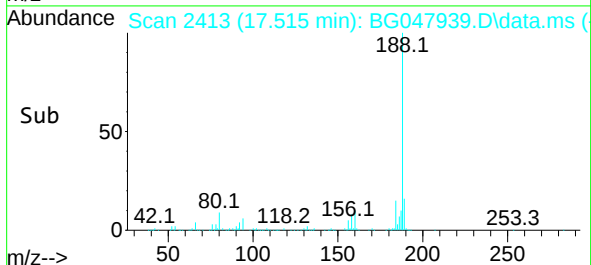
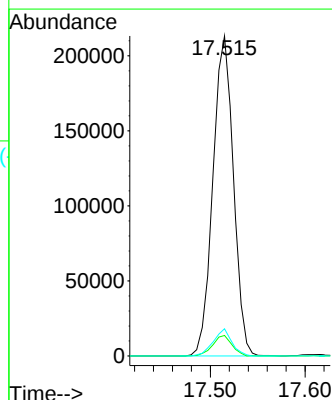
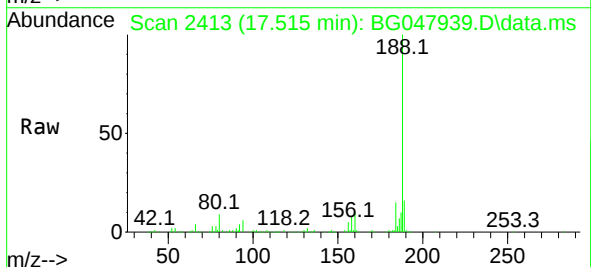


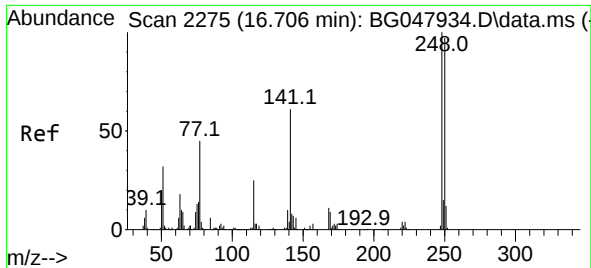
Tgt Ion:165 Resp: 16490
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 3.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.515 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Tgt Ion:188 Resp: 320607
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 8.5 7.0 10.6

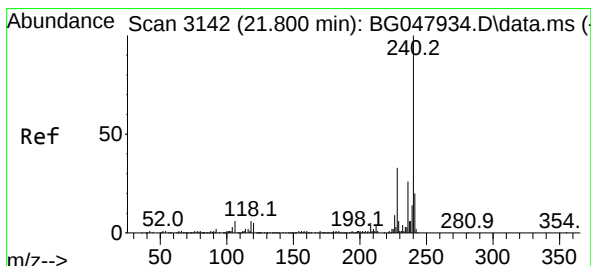
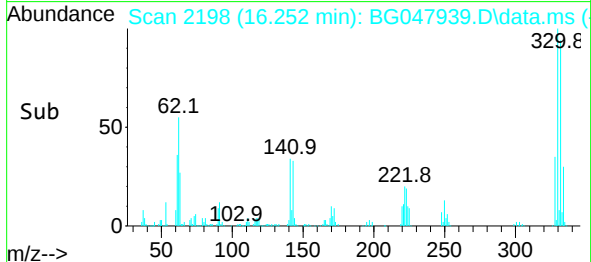
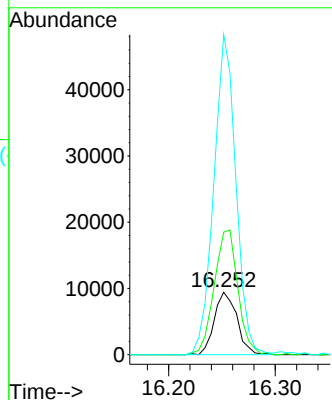
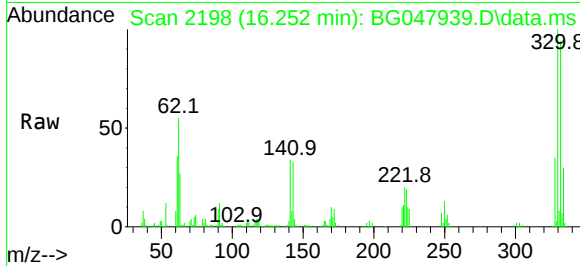




#67
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.454 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

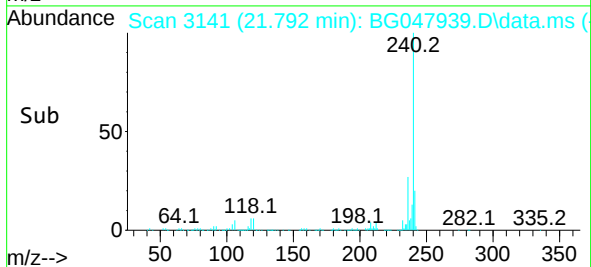
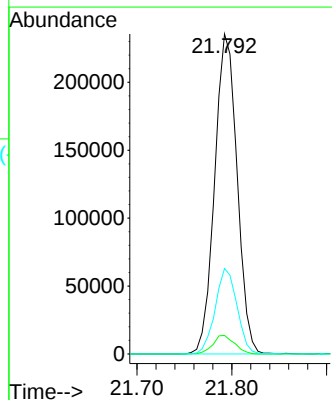
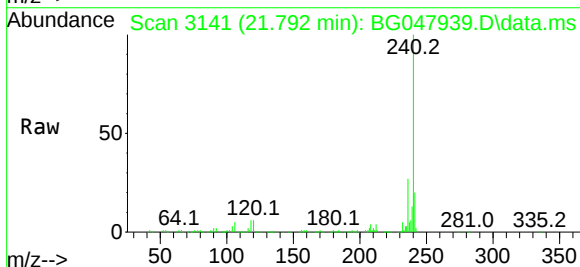
Instrument :
BNA_G
ClientSampleId :
PB134201TB

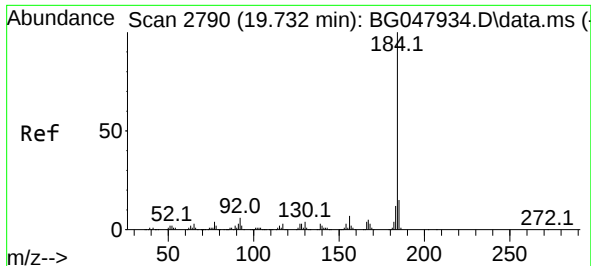
Tgt Ion:248 Resp: 13908
Ion Ratio Lower Upper
248 100
250 196.5 78.9 118.3#
141 513.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Tgt Ion:240 Resp: 387189
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 26.7 20.5 30.7

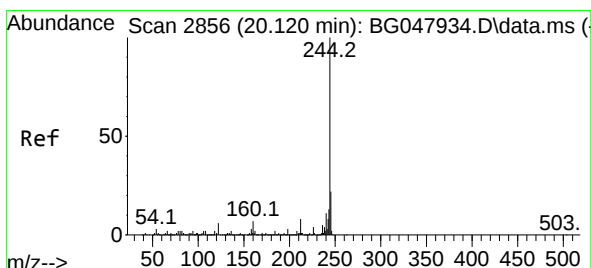
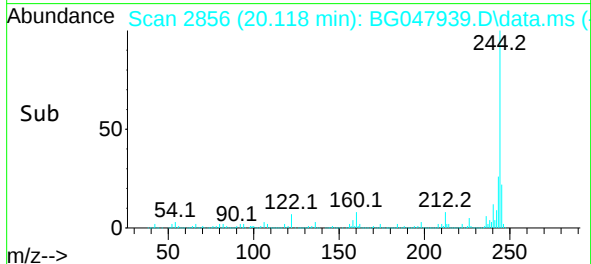
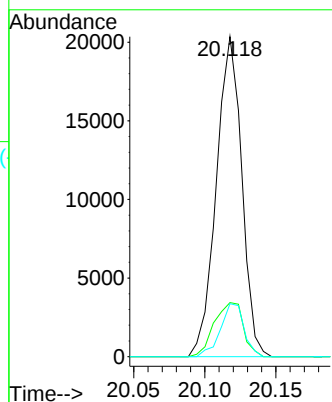
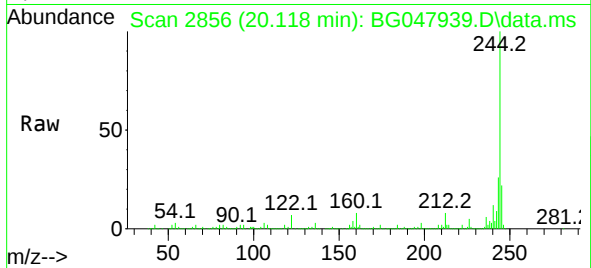




#77
Benzidine
Concen: 2.97 ng
RT: 20.118 min Scan# 2856
Delta R.T. 0.386 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

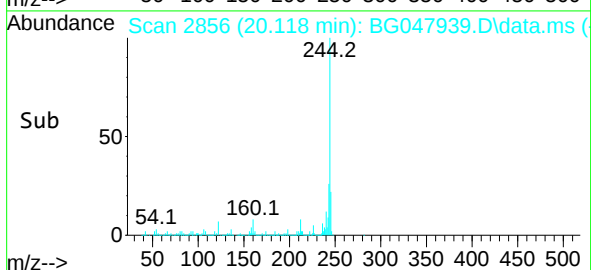
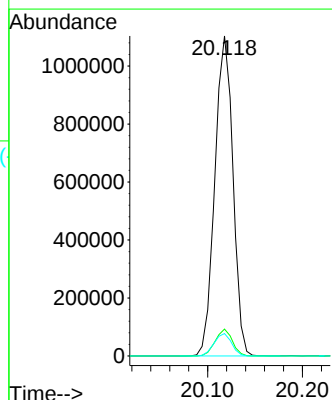
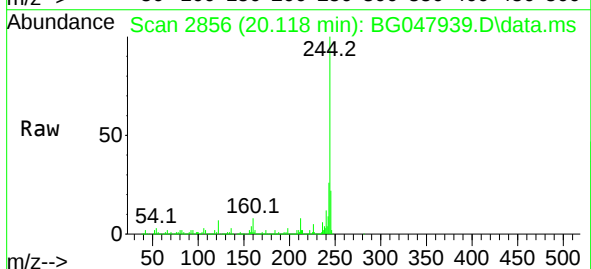
Instrument :
BNA_G
ClientSampleId :
PB134201TB

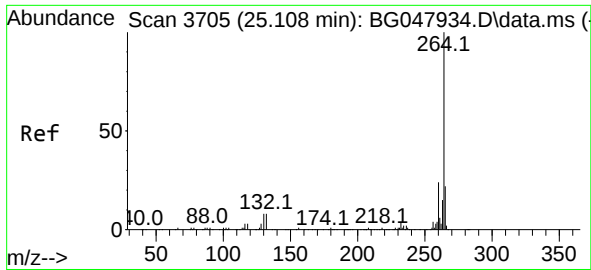
Tgt Ion:184 Resp: 25313
Ion Ratio Lower Upper
184 100
185 16.9 12.4 18.6
183 16.5 10.6 15.8#



#79
Terphenyl-d14
Concen: 69.70 ng
RT: 20.118 min Scan# 2856
Delta R.T. -0.002 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

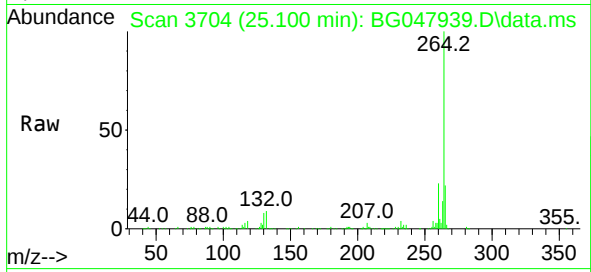
Tgt Ion:244 Resp: 1463527
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.0 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.100 min Scan# 3704
Delta R.T. -0.008 min
Lab File: BG047939.D
Acq: 20 Jan 2021 16:13

Instrument :
BNA_G
ClientSampleId :
PB134201TB



Tgt Ion:264 Resp: 374614

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.6	17.8	26.8

