

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047976.D
 Acq On : 22 Jan 2021 13:29
 Operator : CG/JU
 Sample : PB134252BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134252BL

Quant Time: Jan 22 16:21:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

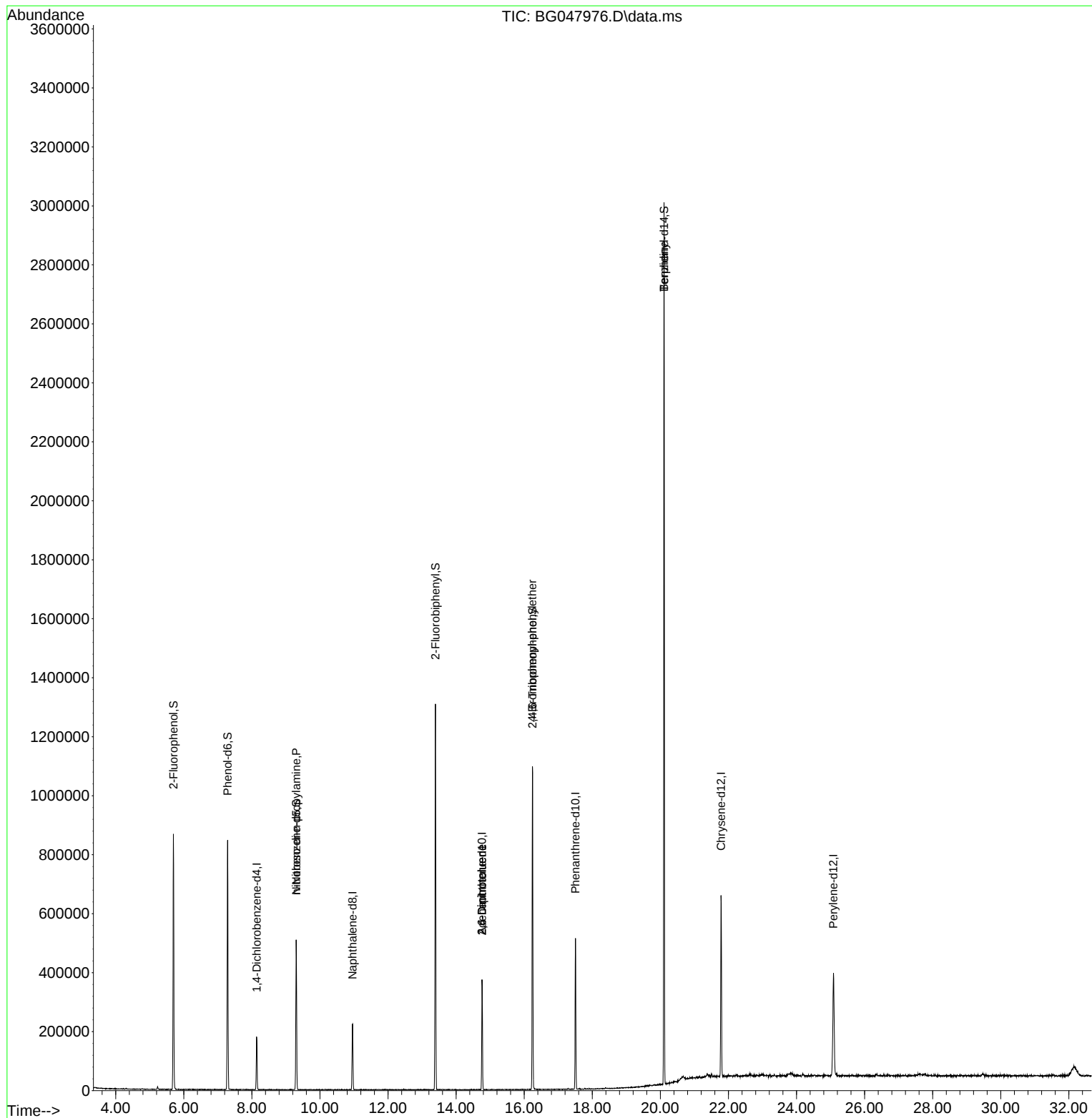
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	49570	20.00	ng	-0.01
21) Naphthalene-d8	10.960	136	182843	20.00	ng	# 0.00
39) Acenaphthene-d10	14.761	164	132602	20.00	ng	0.00
64) Phenanthrene-d10	17.505	188	333532	20.00	ng	# 0.00
76) Chrysene-d12	21.783	240	396827	20.00	ng	#-0.02
86) Perylene-d12	25.085	264	379562	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	323896	106.56	ng	0.00
7) Phenol-d6	7.288	99	443729	96.71	ng	0.00
23) Nitrobenzene-d5	9.303	82	291458	70.09	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	219662	103.51	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	665417	67.02	ng	0.00
79) Terphenyl-d14	20.108	244	1288974	60.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.592	88	246	Below Cal	#	77
9) Benzaldehyde	7.294	77	900	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.303	70	42805	13.18	ng	# 75
51) 2,6-Dinitrotoluene	14.761	165	16955	7.64	ng	# 35
57) 2,4-Dinitrotoluene	14.761	165	16955	5.45	ng	# 33
67) 4-Bromophenyl-phenylether	16.242	248	15073	3.41	ng	# 1
77) Benzydine	20.108	184	21103	2.08	ng	# 92

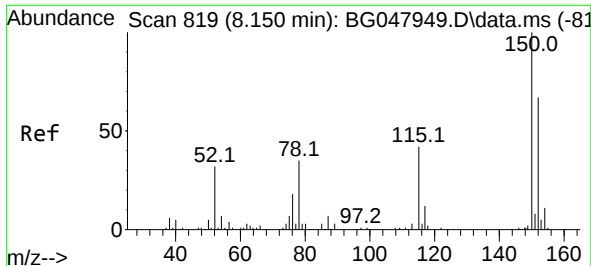
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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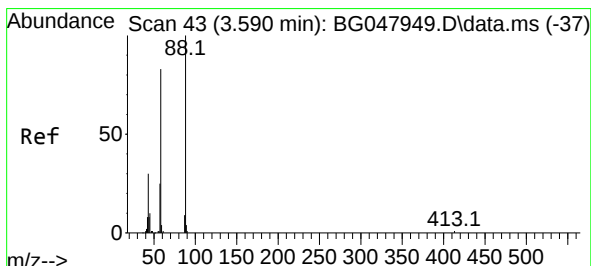
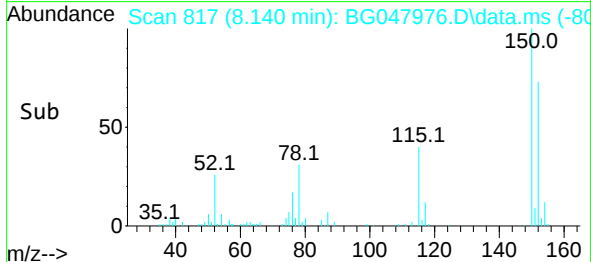
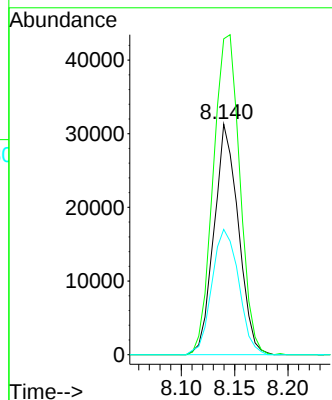
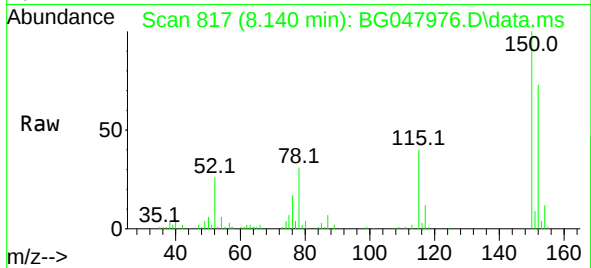




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.140 min Scan# 817
Delta R.T. -0.010 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

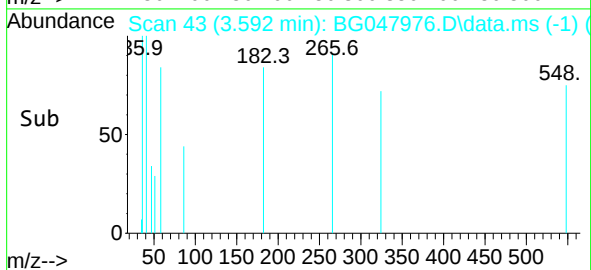
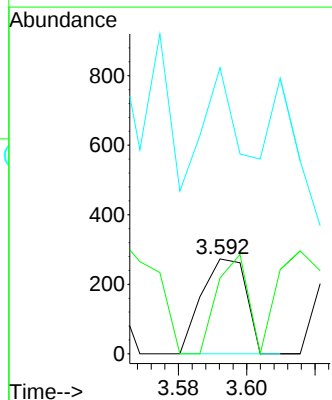
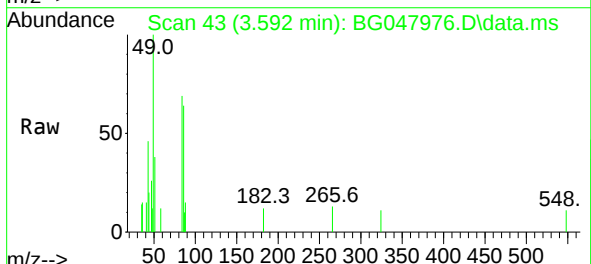
Instrument :
BNA_G
ClientSampleId :
PB134252BL

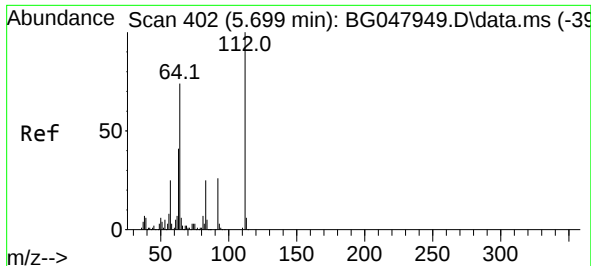
Tgt Ion:152 Resp: 49570
Ion Ratio Lower Upper
152 100
150 136.9 125.0 187.6
115 54.3 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.592 min Scan# 43
Delta R.T. 0.002 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion: 88 Resp: 246
Ion Ratio Lower Upper
88 100
58 72.4 61.6 92.4
43 65.0 21.3 31.9#

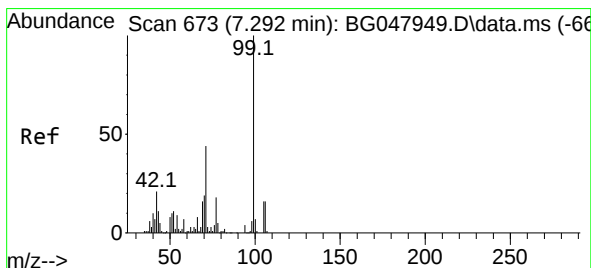
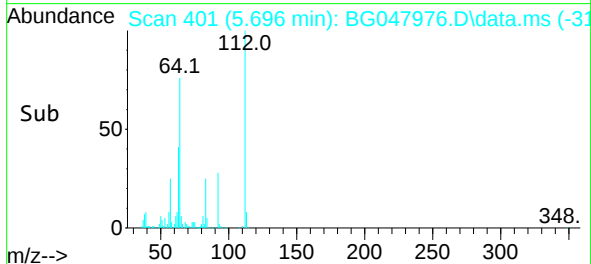
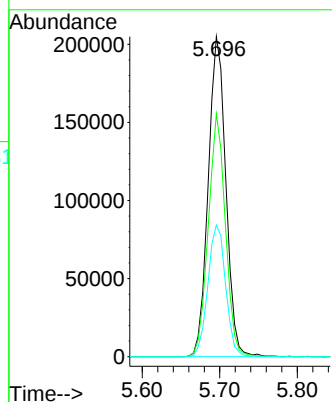
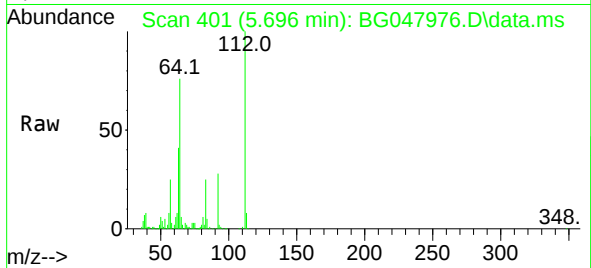




#5
2-Fluorophenol
Concen: 106.56 ng
RT: 5.696 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

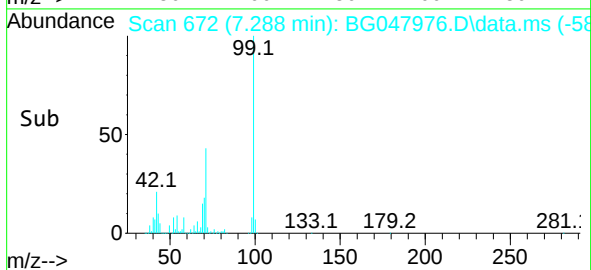
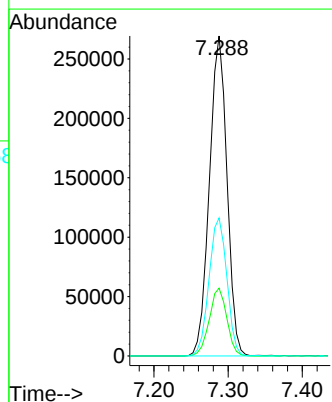
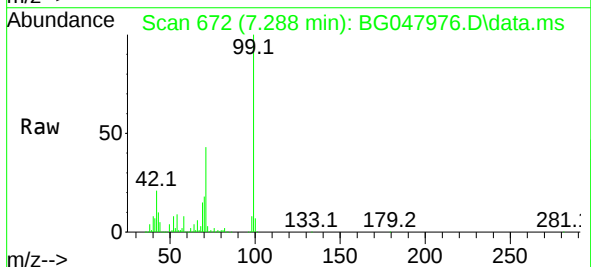
Instrument :
BNA_G
ClientSampleId :
PB134252BL

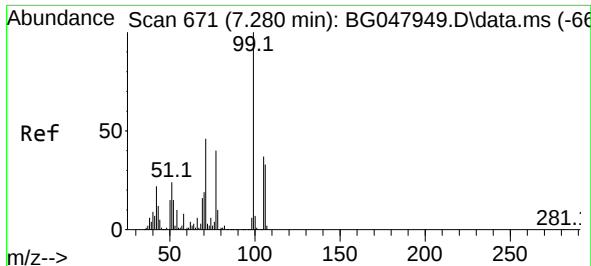
Tgt Ion:112 Resp: 323896
Ion Ratio Lower Upper
112 100
64 75.9 46.7 70.1#
63 41.2 22.8 34.2#



#7
Phenol-d6
Concen: 96.71 ng
RT: 7.288 min Scan# 672
Delta R.T. -0.004 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion: 99 Resp: 443729
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 43.2 24.6 36.8#

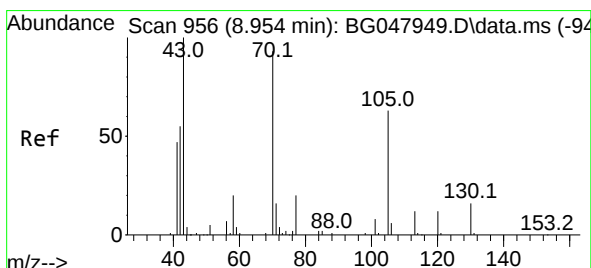
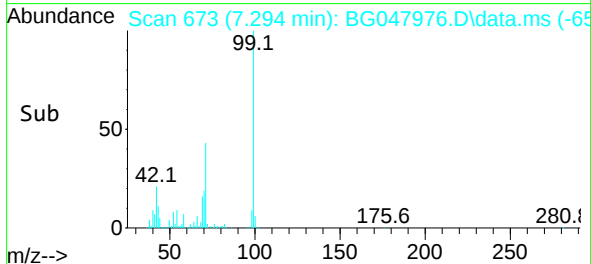
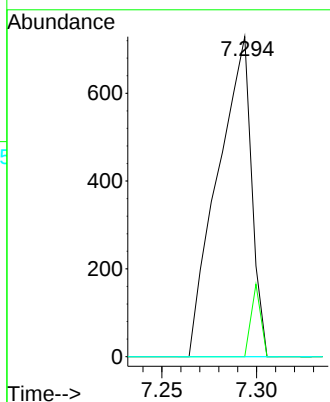
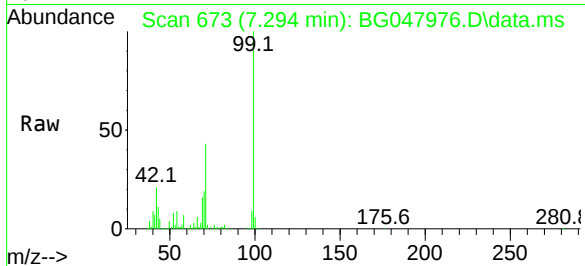




#9
Benzaldehyde
Concen: Below Cal
RT: 7.294 min Scan# 673
Delta R.T. 0.014 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

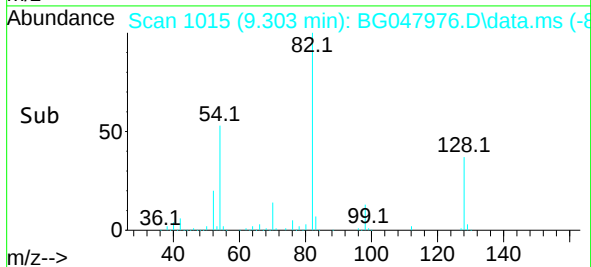
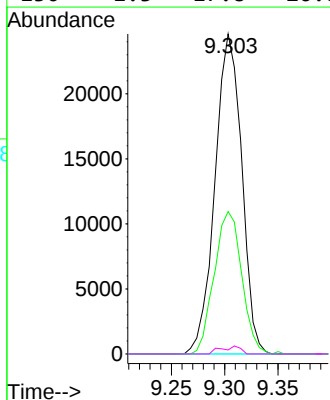
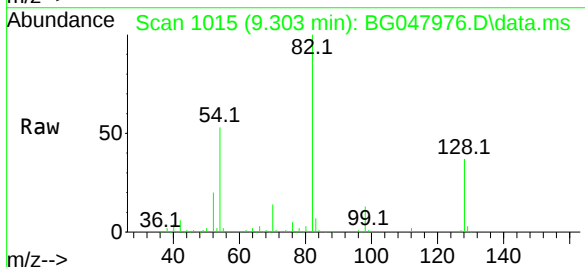
Instrument :
BNA_G
ClientSampleId :
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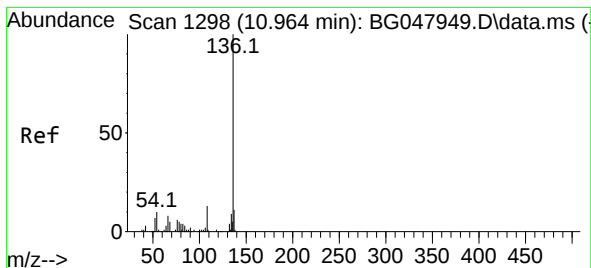
Tgt Ion: 77 Resp: 900
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 13.18 ng
RT: 9.303 min Scan# 1015
Delta R.T. 0.349 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion: 70 Resp: 42805
Ion Ratio Lower Upper
70 100
42 44.5 45.6 68.4#
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#

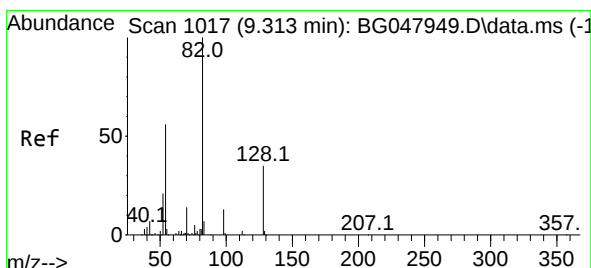
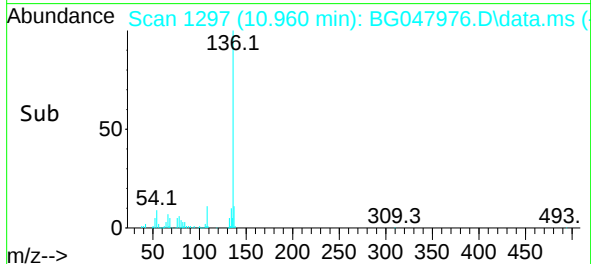
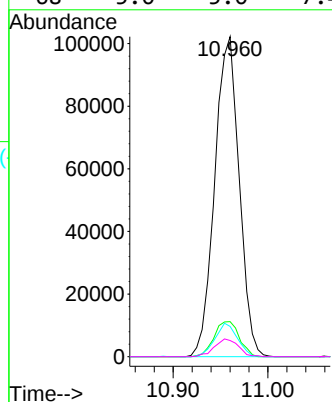
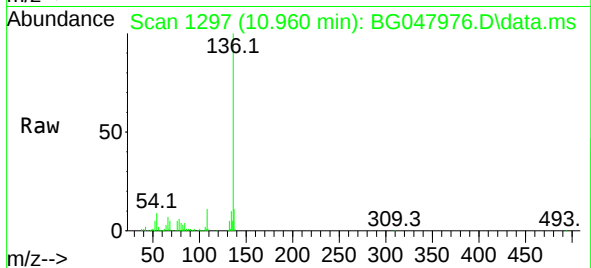




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.960 min Scan# 1297
Delta R.T. -0.004 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

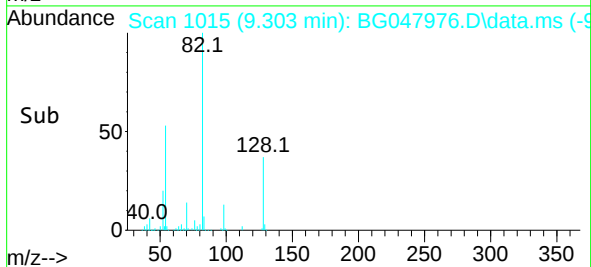
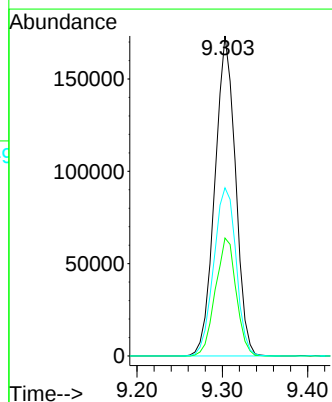
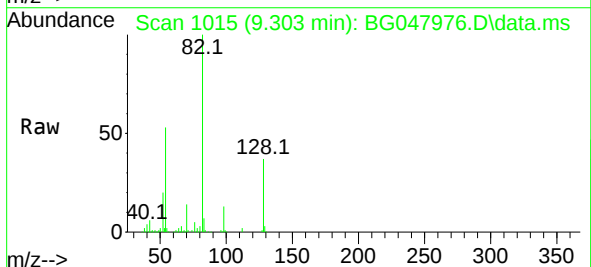
Instrument :
BNA_G
ClientSampleId :
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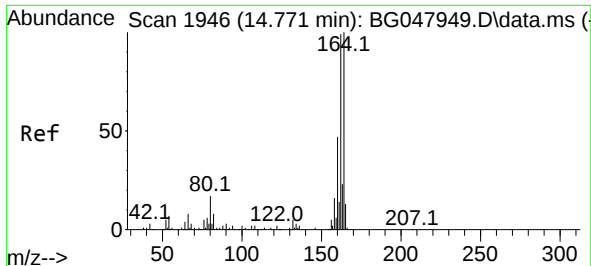
Tgt Ion:	136	Resp:	182843
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	9.5	6.2	9.4#
68	5.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.09 ng
RT: 9.303 min Scan# 1015
Delta R.T. -0.010 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion:	82	Resp:	291458
Ion Ratio	Lower	Upper	
82	100		
128	36.9	37.0	55.6#
54	52.5	39.0	58.4

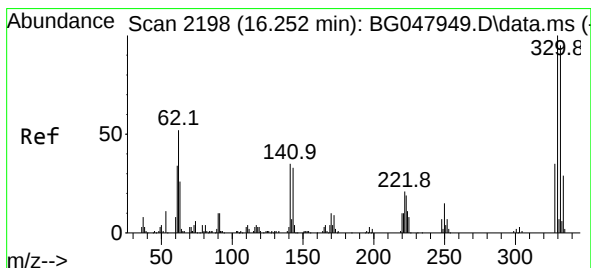
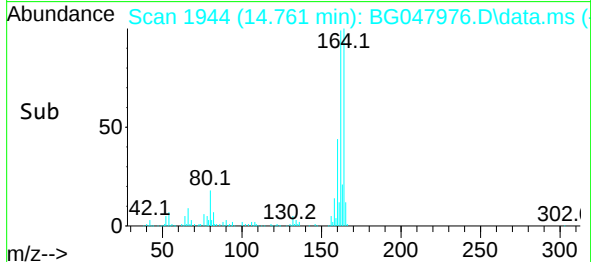
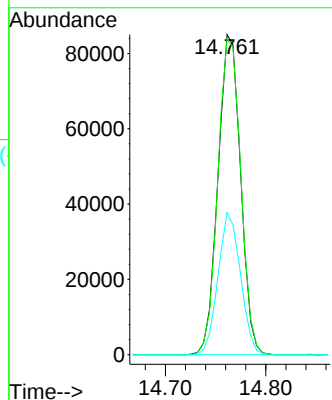
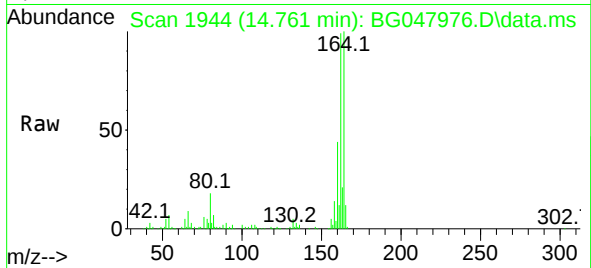




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.761 min Scan# 1944
Delta R.T. -0.010 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

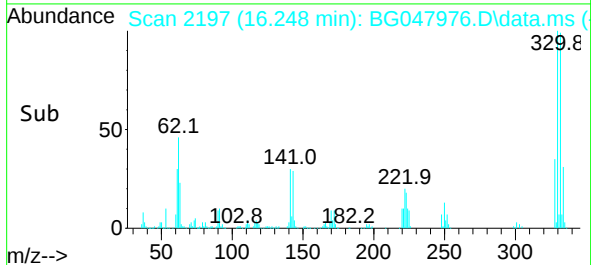
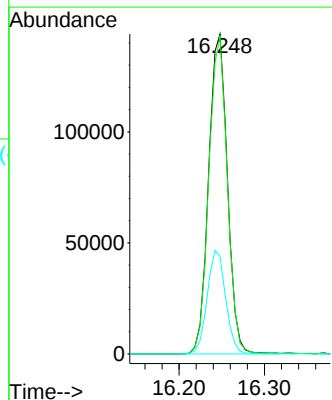
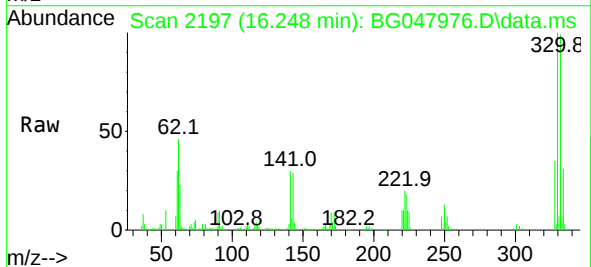
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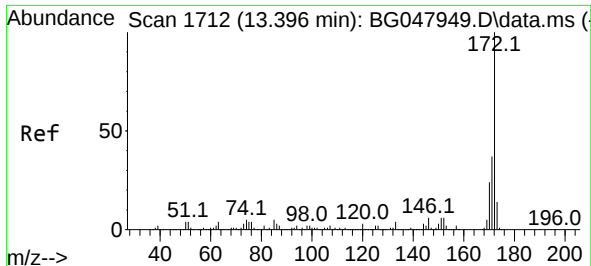
Tgt Ion:164 Resp: 132602
Ion Ratio Lower Upper
164 100
162 98.7 82.3 123.5
160 44.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 103.51 ng
RT: 16.248 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion:330 Resp: 219662
Ion Ratio Lower Upper
330 100
332 97.8 76.5 114.7
141 31.9 26.0 39.0

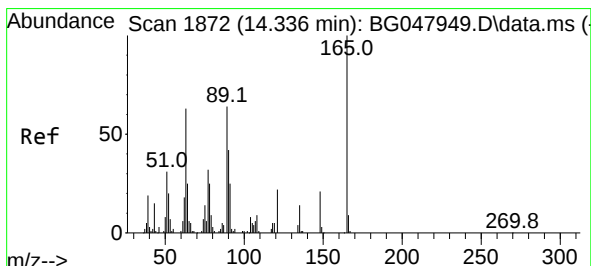
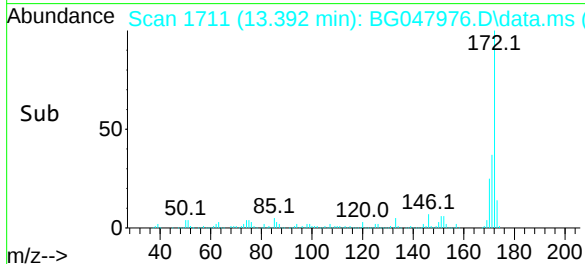
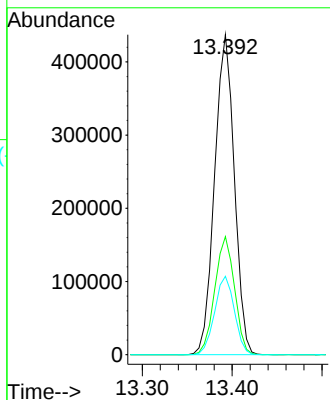
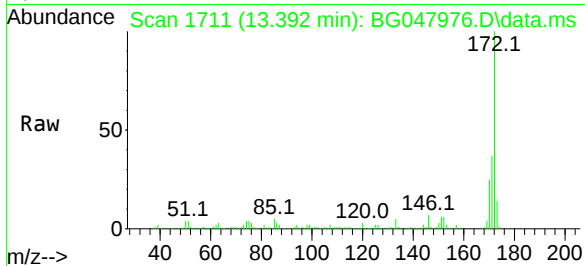




#45
2-Fluorobiphenyl
Concen: 67.02 ng
RT: 13.392 min Scan# 1711
Delta R.T. -0.004 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

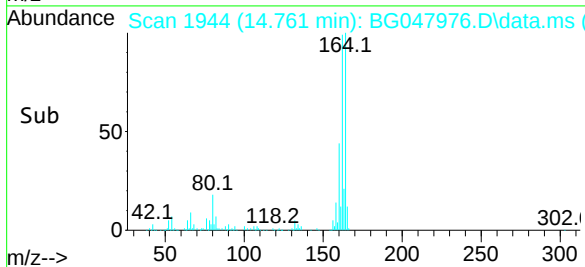
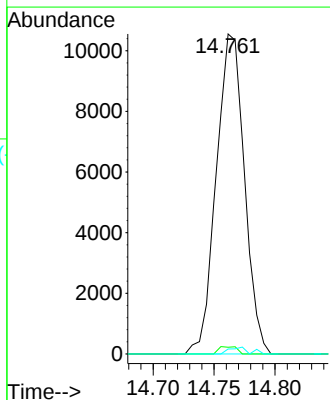
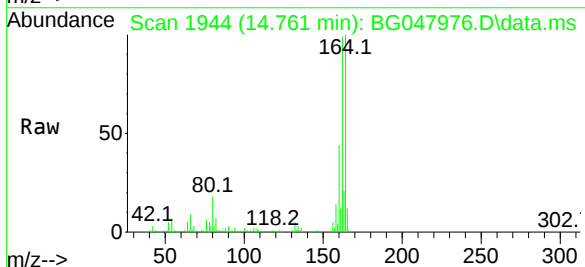
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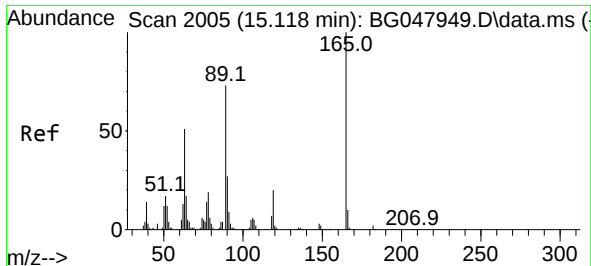
Tgt Ion:172 Resp: 665417
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 14.761 min Scan# 1944
Delta R.T. 0.425 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion:165 Resp: 16955
Ion Ratio Lower Upper
165 100
63 2.1 33.7 50.5#
89 1.5 36.6 54.8#

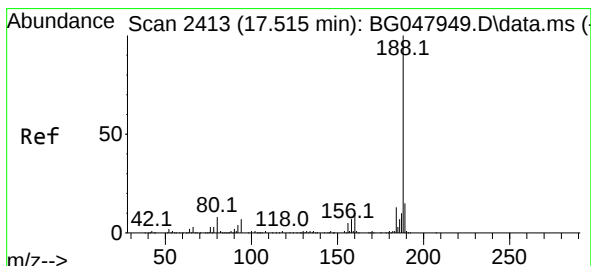
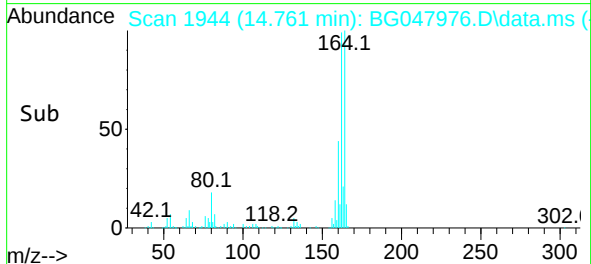
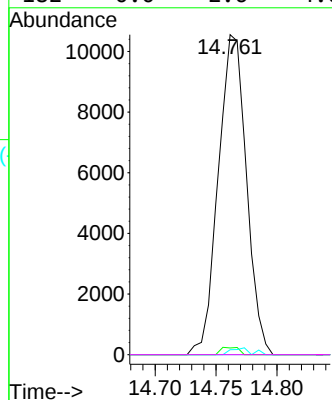
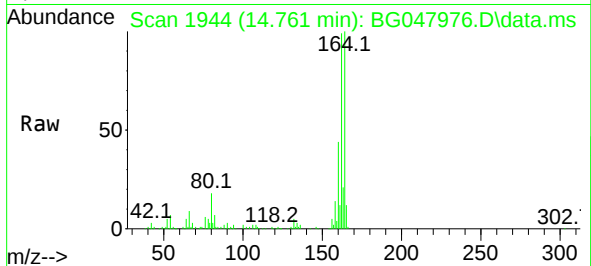




#57
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 14.761 min Scan# 1944
Delta R.T. -0.356 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

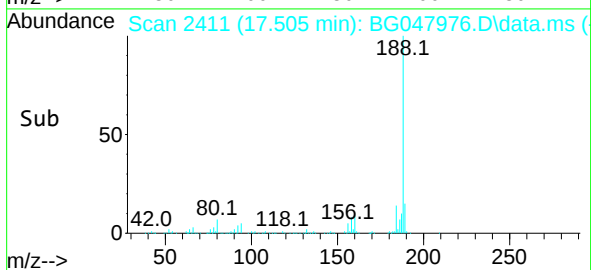
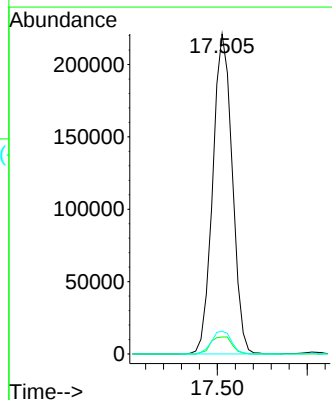
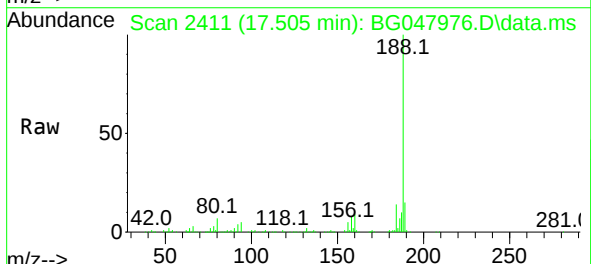
Instrument :
BNA_G
ClientSampleId :
PB134252BL

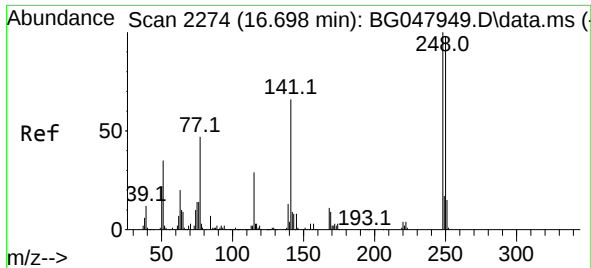
Tgt Ion:165 Resp: 16955
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 1.5 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.505 min Scan# 2411
Delta R.T. -0.010 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion:188 Resp: 333532
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 7.1 7.0 10.6

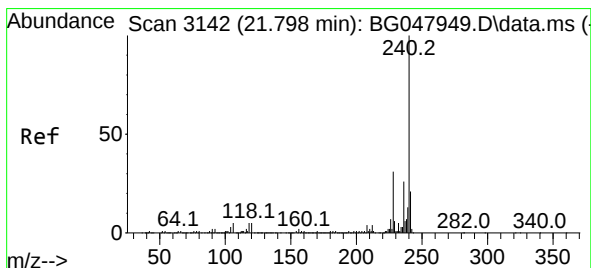
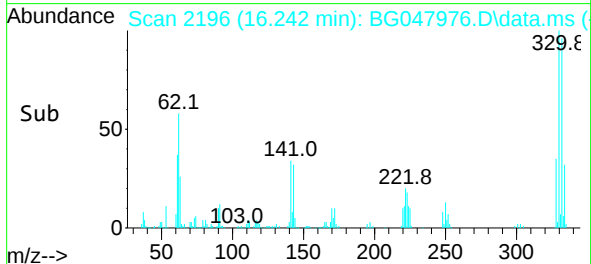
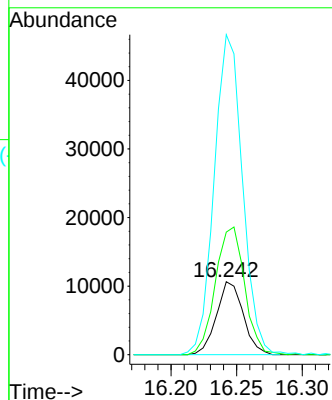
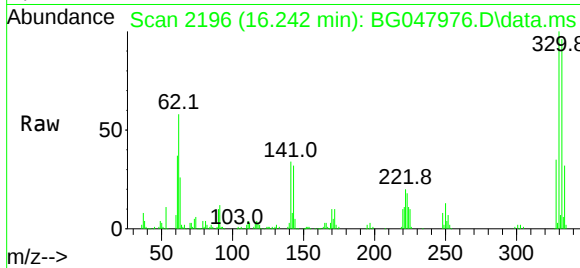




#67
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 16.242 min Scan# 2196
Delta R.T. -0.456 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

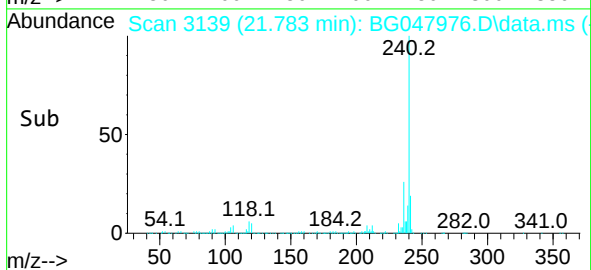
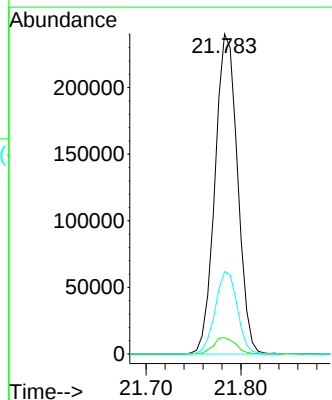
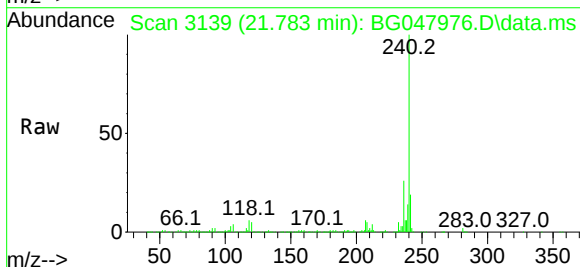
Instrument :
BNA_G
ClientSampleId :
PB134252BL

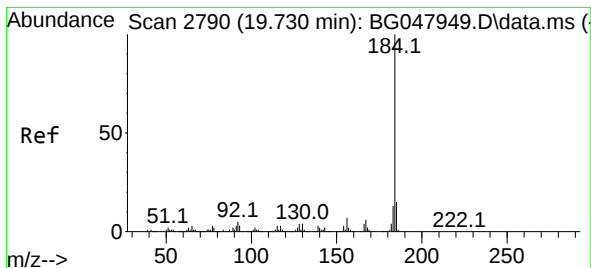
Tgt Ion:248 Resp: 15073
Ion Ratio Lower Upper
248 100
250 168.0 78.9 118.3#
141 438.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.783 min Scan# 3139
Delta R.T. -0.016 min
Lab File: BG047976.D
Acq: 22 Jan 2021 13:29

Tgt Ion:240 Resp: 396827
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.8 20.5 30.7





#77

Benzidine

Concen: 2.08 ng

RT: 20.108 min Scan# 2854

Delta R.T. 0.378 min

Lab File: BG047976.D

Acq: 22 Jan 2021 13:29

Tgt Ion:184 Resp: 21103

Ion Ratio Lower Upper

184 100

185 18.8 12.4 18.6#

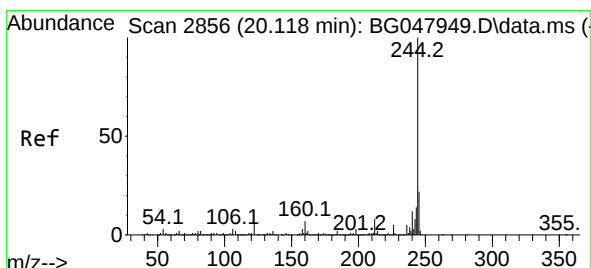
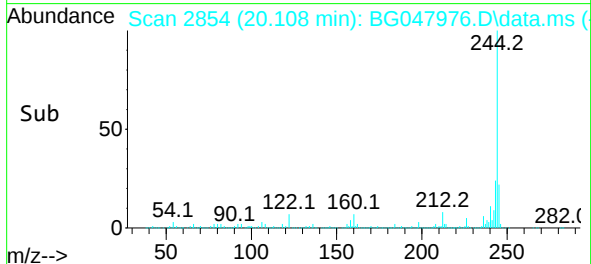
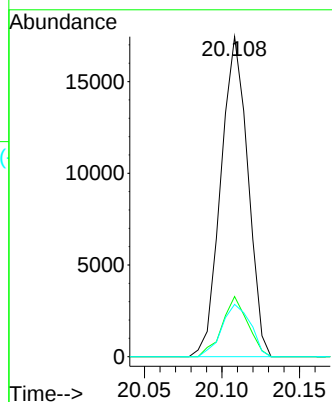
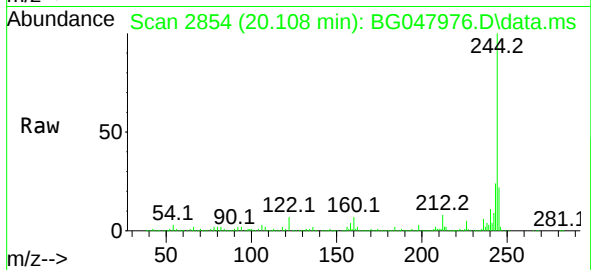
183 16.3 10.6 15.8#

Instrument :

BNA_G

ClientSampleId :

PB134252BL



#79

Terphenyl-d14

Concen: 60.05 ng

RT: 20.108 min Scan# 2854

Delta R.T. -0.010 min

Lab File: BG047976.D

Acq: 22 Jan 2021 13:29

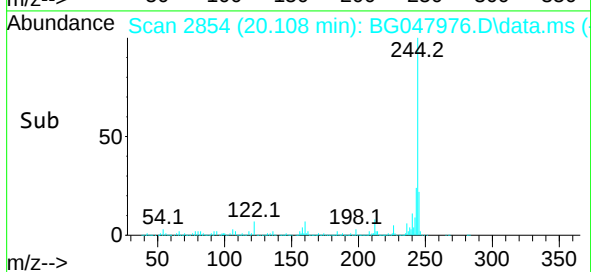
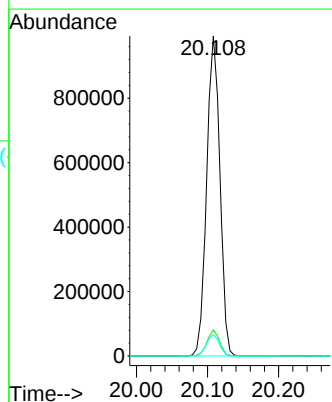
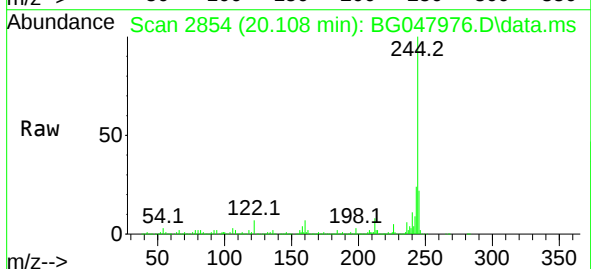
Tgt Ion:244 Resp: 1288974

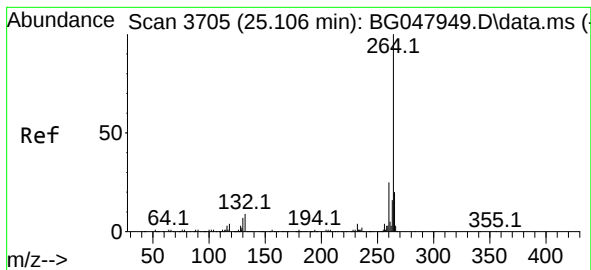
Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 6.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.085 min Scan# 3701
 Delta R.T. -0.021 min
 Lab File: BG047976.D
 Acq: 22 Jan 2021 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB134252BL

Tgt Ion:264 Resp: 379562
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.9 17.8 26.8

