

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047980.D
 Acq On : 22 Jan 2021 16:12
 Operator : CG/JU
 Sample : PB134267BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134267BL

Quant Time: Jan 22 17:19:19 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)

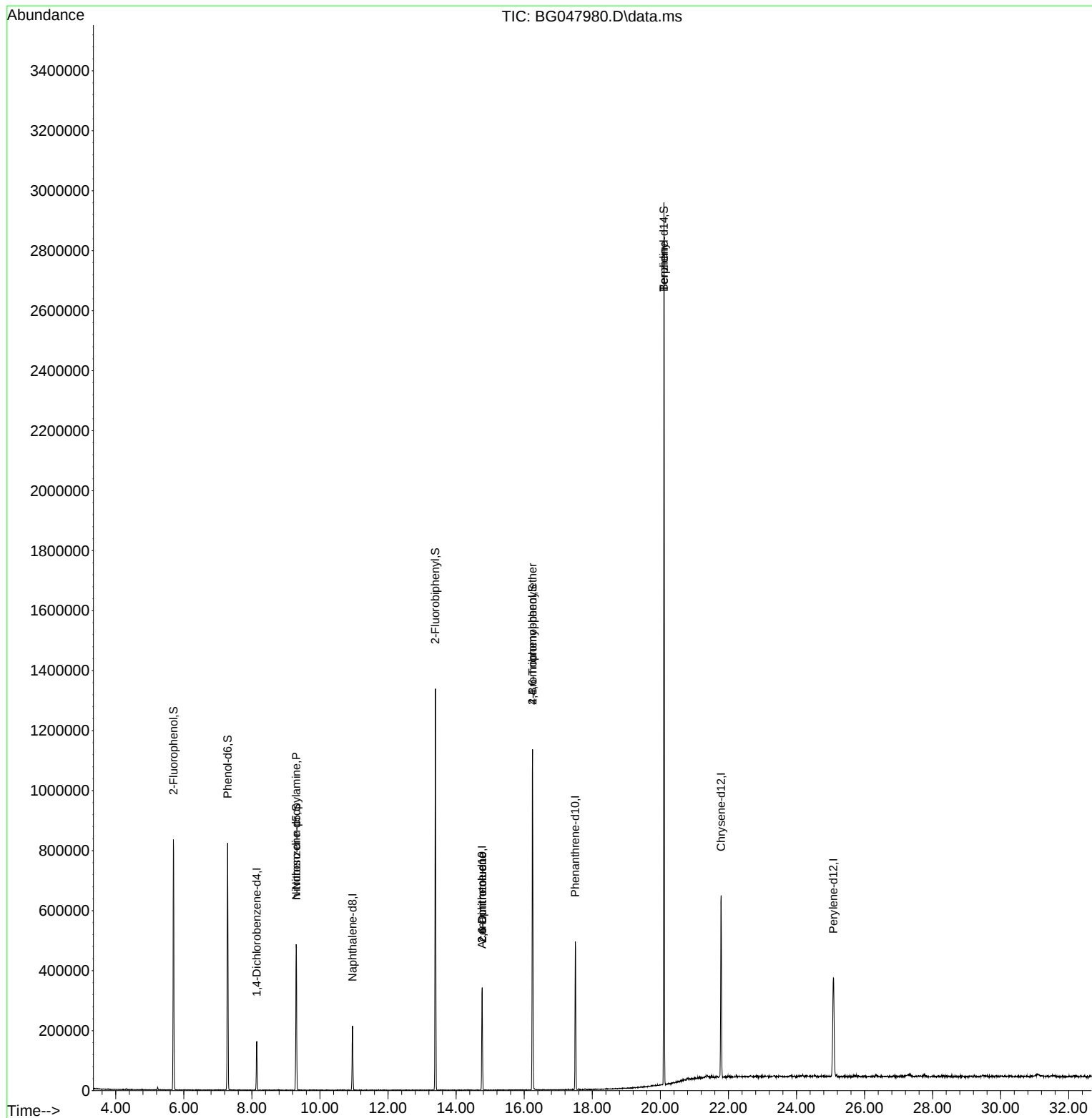
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	45348	20.00	ng	0.00
21) Naphthalene-d8	10.958	136	168574	20.00	ng	# 0.00
39) Acenaphthene-d10	14.759	164	124188	20.00	ng	-0.01
64) Phenanthrene-d10	17.503	188	323455	20.00	ng	#-0.01
76) Chrysene-d12	21.786	240	389644	20.00	ng	#-0.01
86) Perylene-d12	25.083	264	384055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	321070	115.47	ng	0.00
7) Phenol-d6	7.286	99	426456	101.60	ng	0.00
23) Nitrobenzene-d5	9.301	82	288968	75.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	224993	113.21	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	657927	70.75	ng	0.00
79) Terphenyl-d14	20.106	244	1311292	62.22	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.584	88	174	Below Cal	#	71
9) Benzaldehyde	7.286	77	951	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.301	70	41461	13.96	ng	# 77
32) Benzoic acid	9.848	122	55	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.765	165	16125	7.76	ng	# 36
57) 2,4-Dinitrotoluene	14.765	165	16125	5.53	ng	# 34
67) 4-Bromophenyl-phenylether	16.246	248	15271	3.56	ng	# 1
77) Benzidine	20.106	184	21530	2.16	ng	# 93

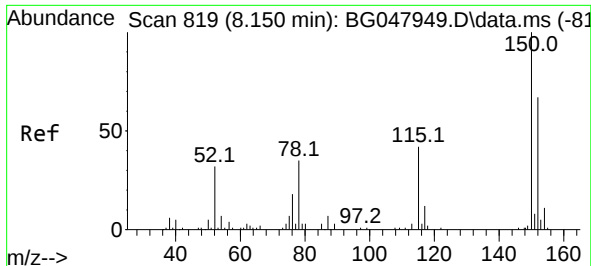
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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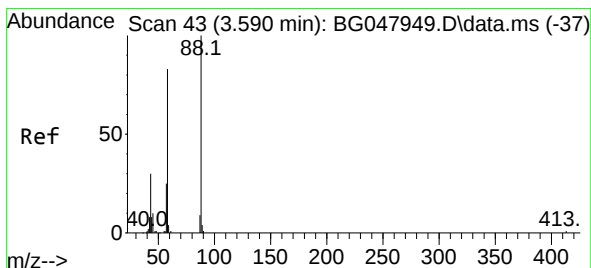
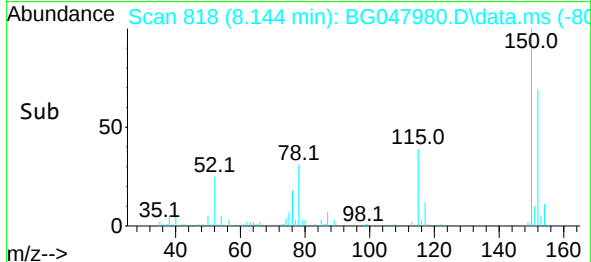
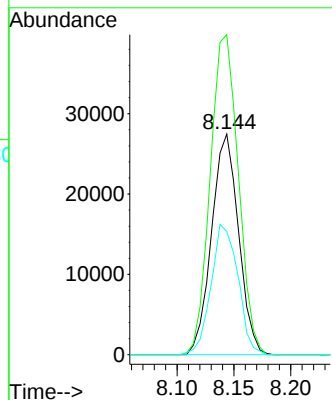
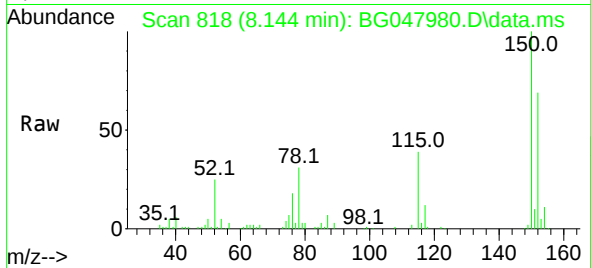




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.144 min Scan# 818
Delta R.T. -0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

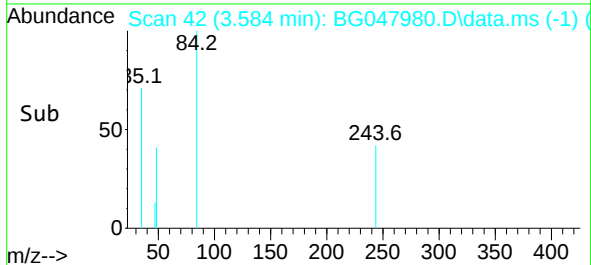
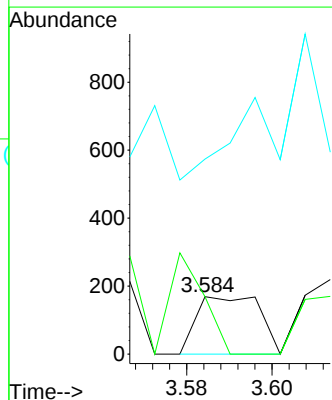
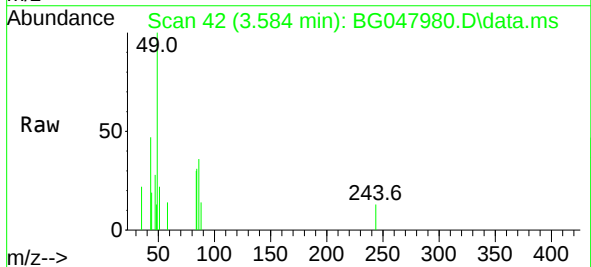
Instrument :
BNA_G
ClientSampleId :
PB134267BL

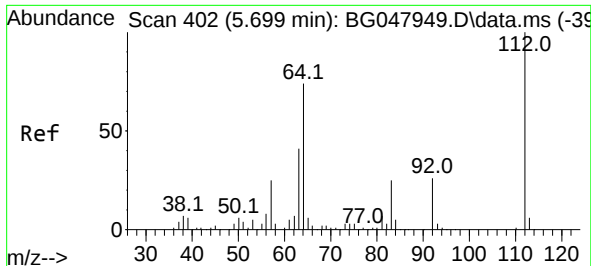
Tgt Ion:152 Resp: 45348
Ion Ratio Lower Upper
152 100
150 145.0 125.0 187.6
115 55.9 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.584 min Scan# 42
Delta R.T. -0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Tgt Ion: 88 Resp: 174
Ion Ratio Lower Upper
88 100
58 94.8 61.6 92.4#
43 0.0 21.3 31.9#

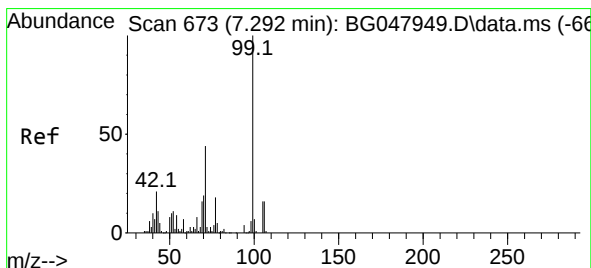
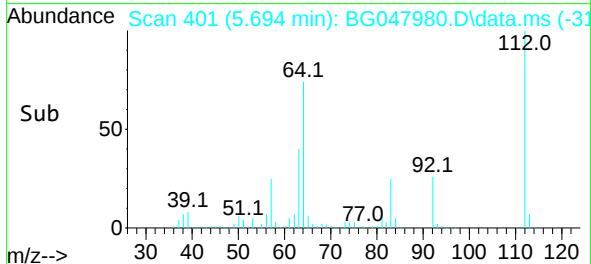
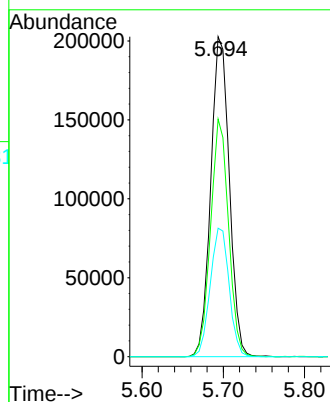
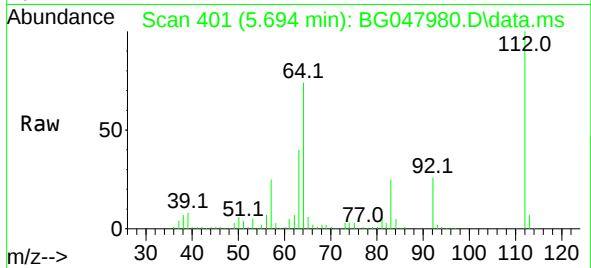




#5
2-Fluorophenol
Concen: 115.47 ng
RT: 5.694 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

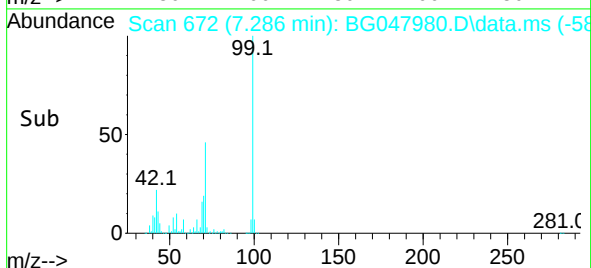
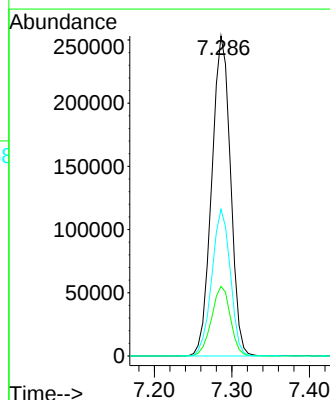
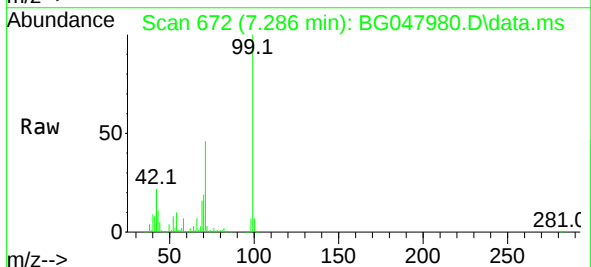
Instrument :
BNA_G
ClientSampleId :
PB134267BL

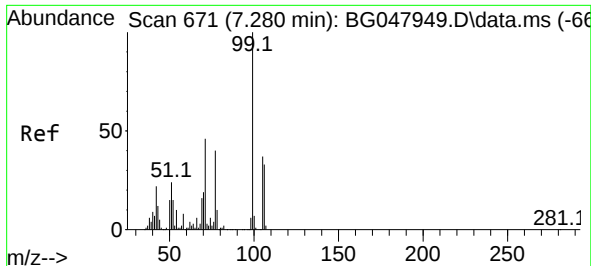
Tgt Ion:112 Resp: 321070
Ion Ratio Lower Upper
112 100
64 74.2 46.7 70.1#
63 40.2 22.8 34.2#



#7
Phenol-d6
Concen: 101.60 ng
RT: 7.286 min Scan# 672
Delta R.T. -0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Tgt Ion: 99 Resp: 426456
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 45.9 24.6 36.8#

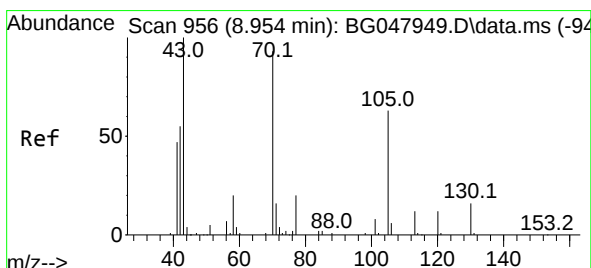
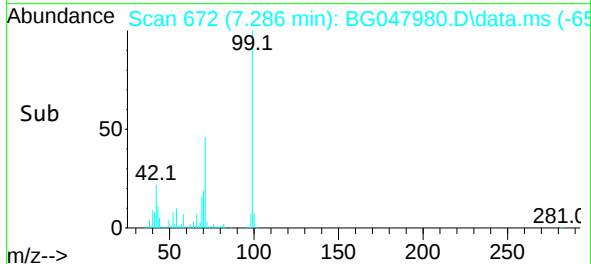
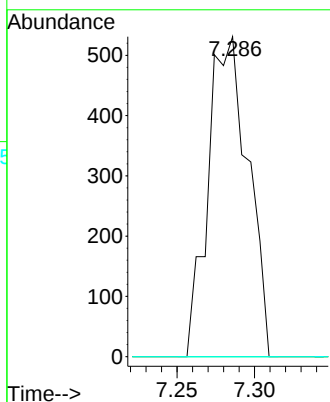
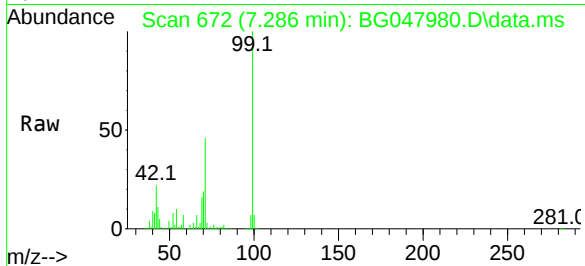




#9
Benzaldehyde
Concen: Below Cal
RT: 7.286 min Scan# 672
Delta R.T. 0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

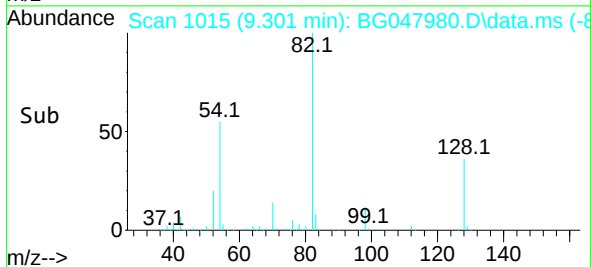
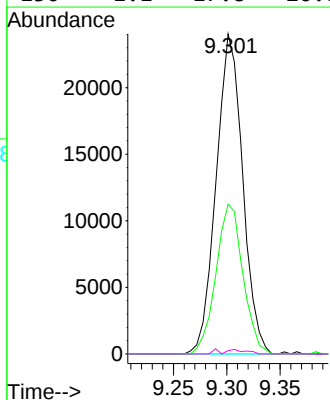
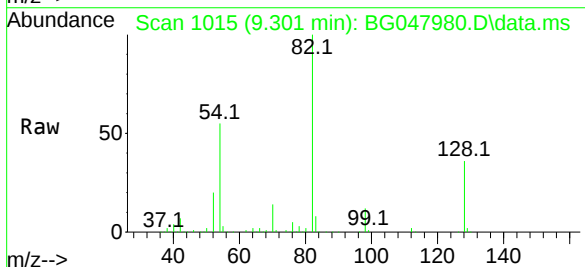
Instrument :
BNA_G
ClientSampleId :
PB134267BL

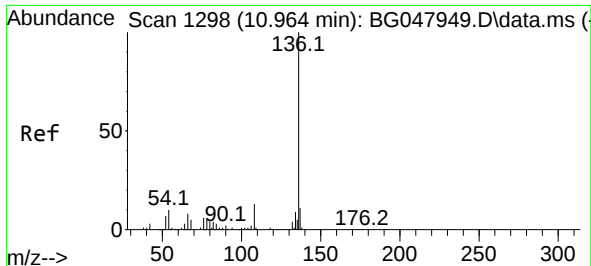
Tgt Ion: 77 Resp: 951
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 13.96 ng
RT: 9.301 min Scan# 1015
Delta R.T. 0.347 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Tgt Ion: 70 Resp: 41461
Ion Ratio Lower Upper
70 100
42 46.8 45.6 68.4
101 0.0 8.4 12.6#
130 1.1 17.8 26.8#

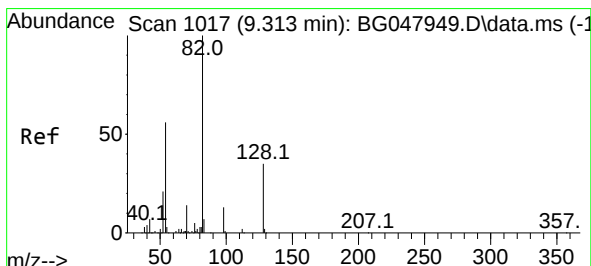
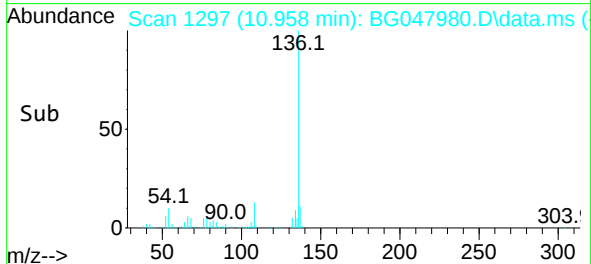
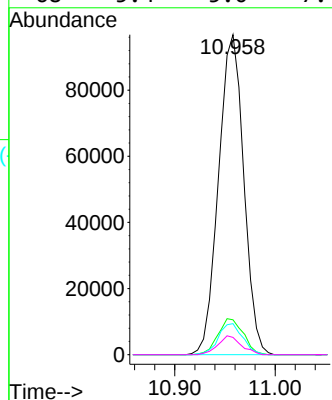
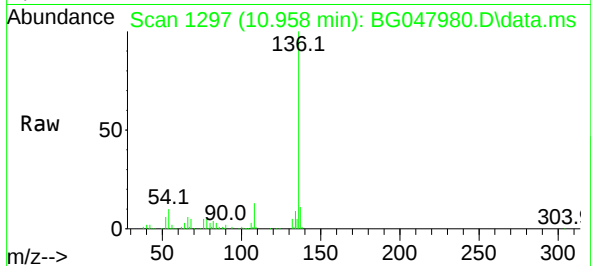




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.958 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

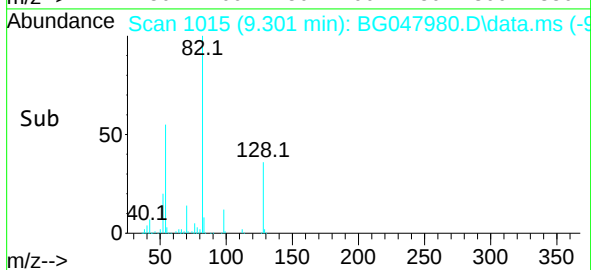
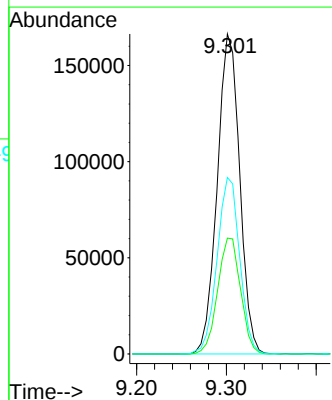
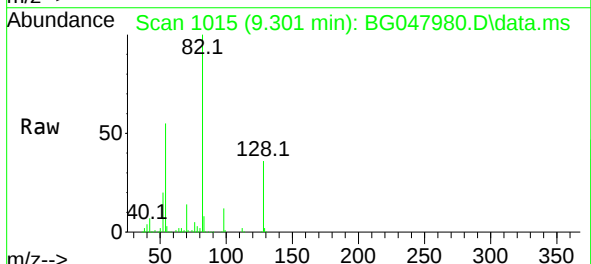
Instrument :
BNA_G
ClientSampleId :
PB134267BL

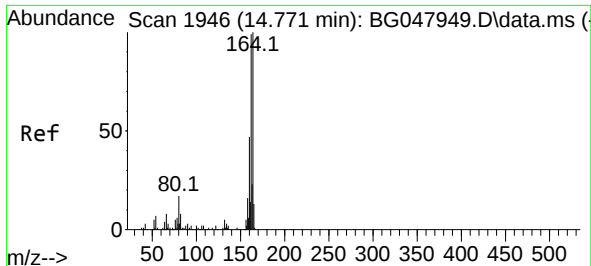
Tgt Ion:	136	Resp:	168574
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	9.7	6.2	9.4#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.38 ng
RT: 9.301 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

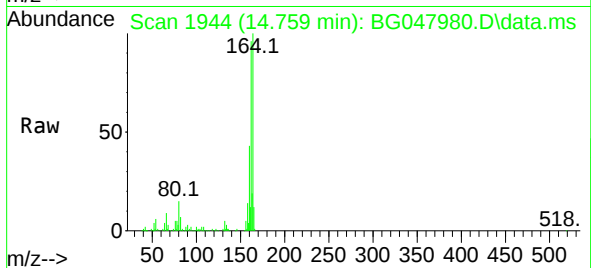
Tgt Ion:	82	Resp:	288968
Ion Ratio	Lower	Upper	
82	100		
128	36.2	37.0	55.6#
54	55.2	39.0	58.4



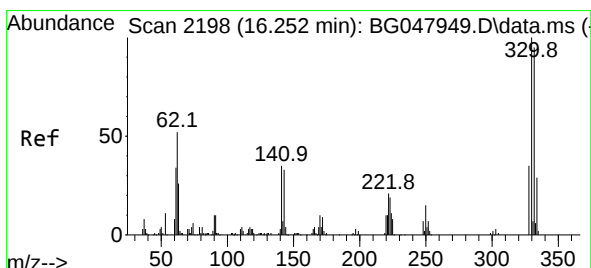
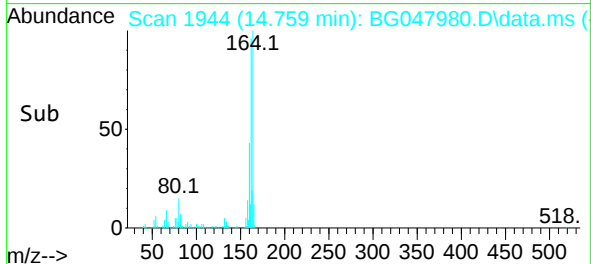
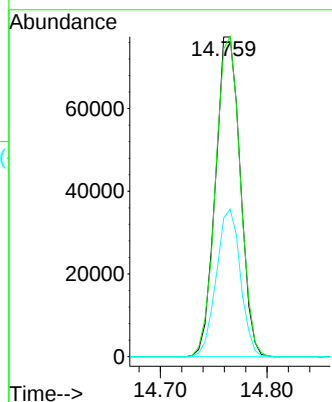


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.759 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB134267BL

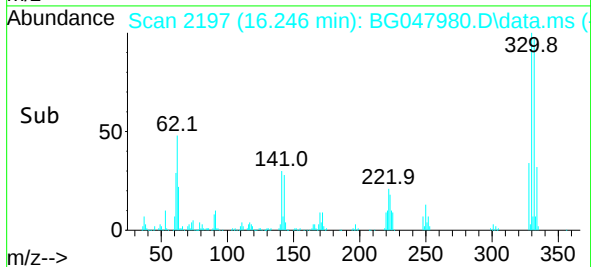
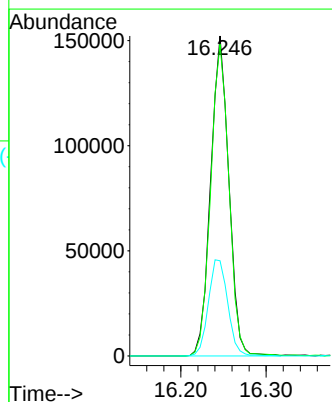
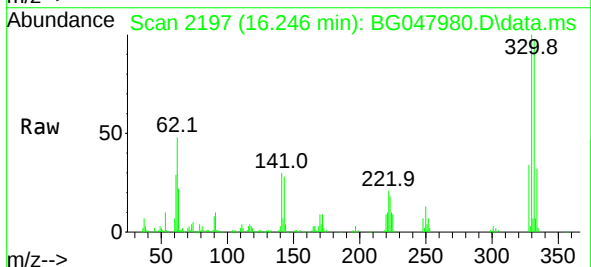


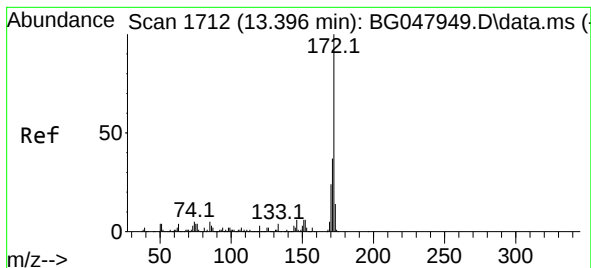
Tgt Ion:164 Resp: 124188
Ion Ratio Lower Upper
164 100
162 96.3 82.3 123.5
160 43.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 113.21 ng
RT: 16.246 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Tgt Ion:330 Resp: 224993
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 32.0 26.0 39.0

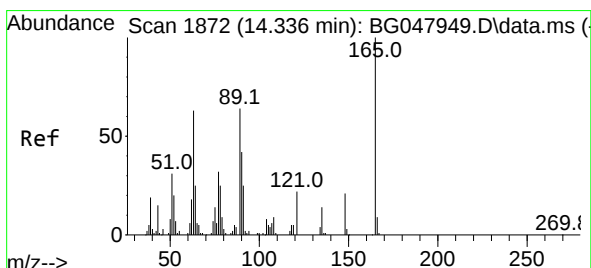
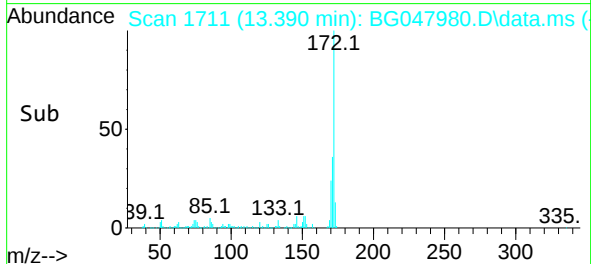
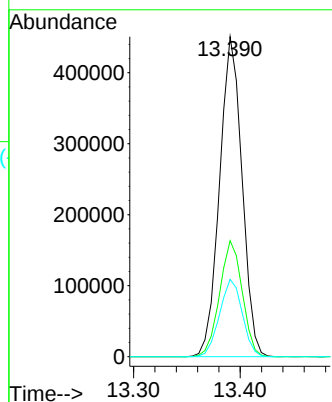
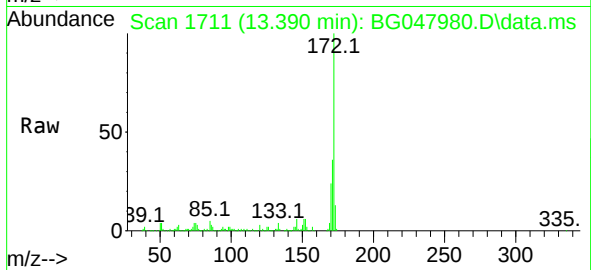




#45
2-Fluorobiphenyl
Concen: 70.75 ng
RT: 13.390 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

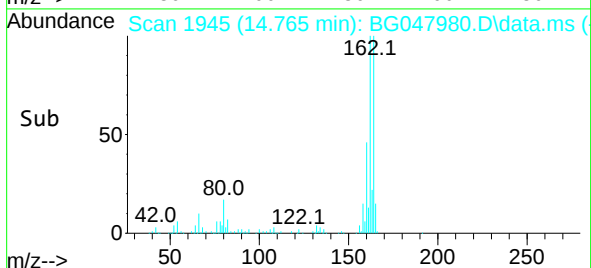
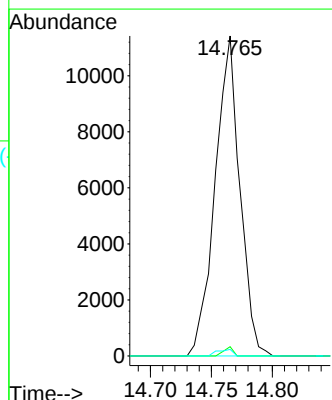
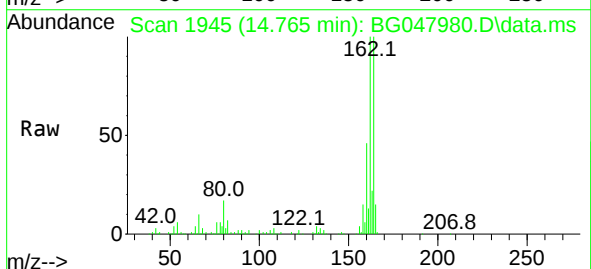
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ClientSampleId :
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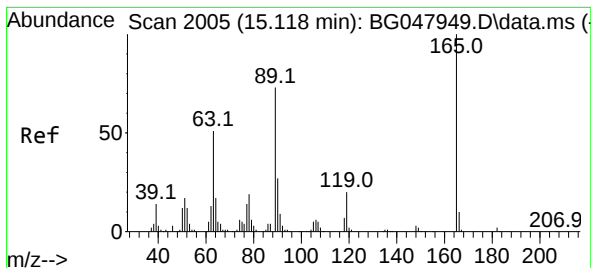
Tgt Ion:172 Resp: 657927
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 24.2 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 14.765 min Scan# 1945
Delta R.T. 0.429 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

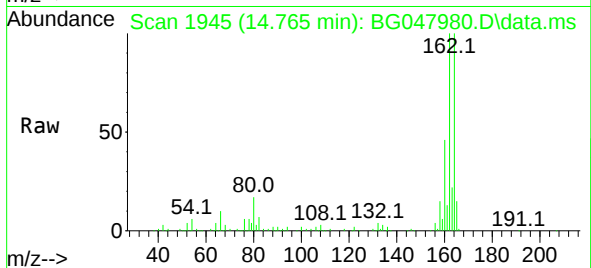
Tgt Ion:165 Resp: 16125
Ion Ratio Lower Upper
165 100
63 2.9 33.7 50.5#
89 2.0 36.6 54.8#



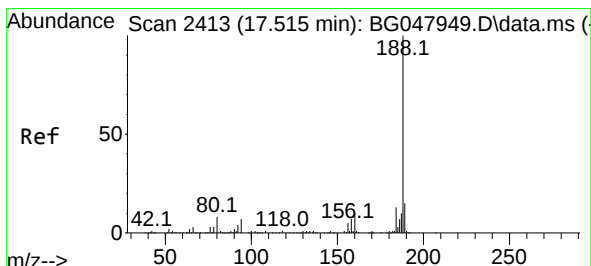
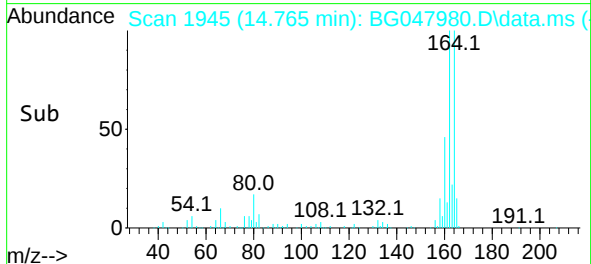
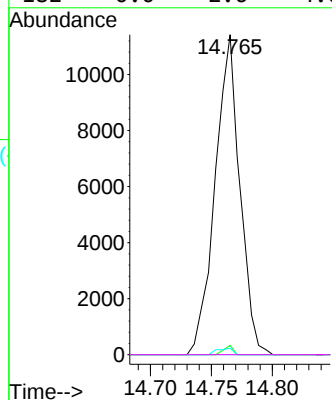


#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.353 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB134267BL

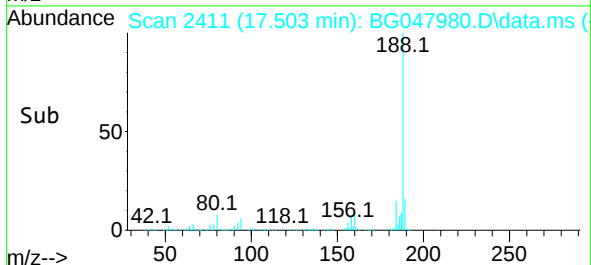
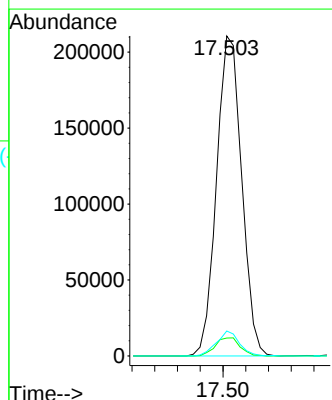
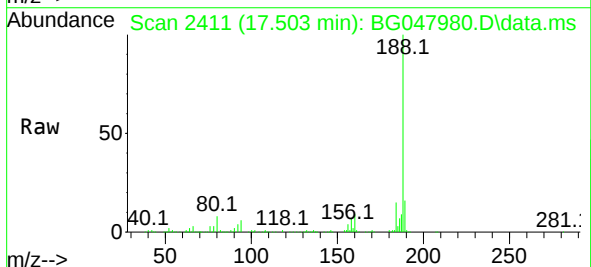


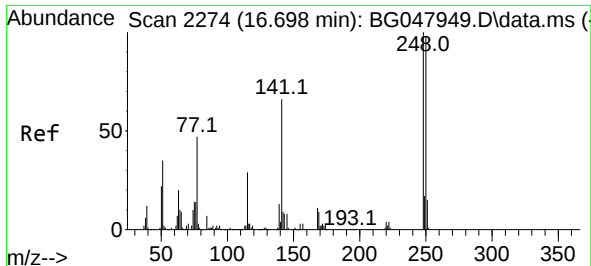
Tgt Ion:165 Resp: 16125
Ion Ratio Lower Upper
165 100
63 2.9 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Tgt Ion:188 Resp: 323455
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 7.8 7.0 10.6

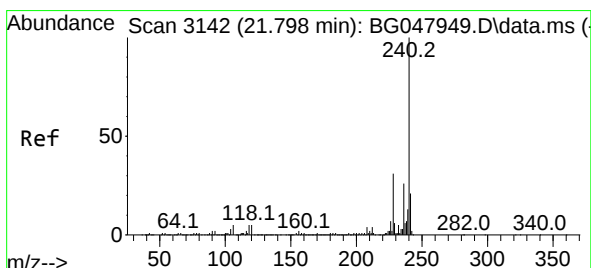
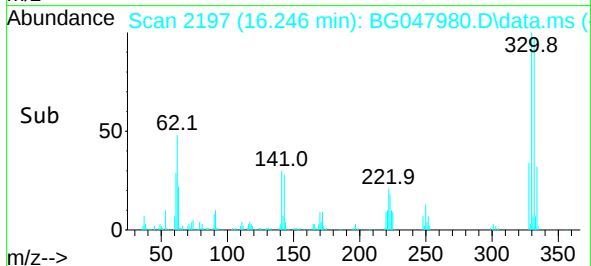
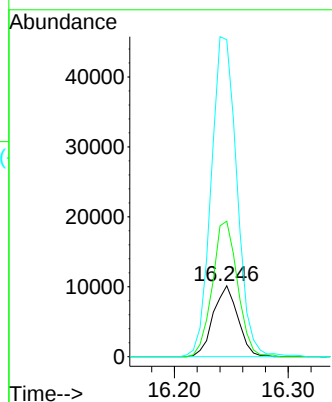
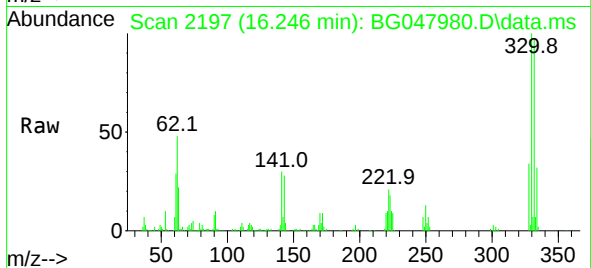




#67
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 16.246 min Scan# 2197
Delta R.T. -0.452 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

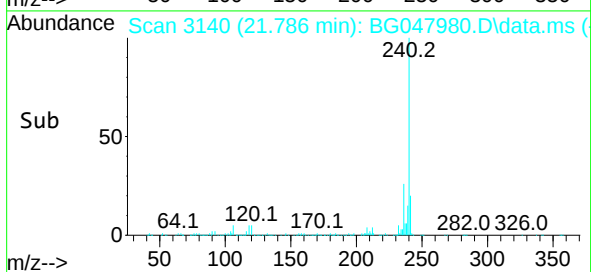
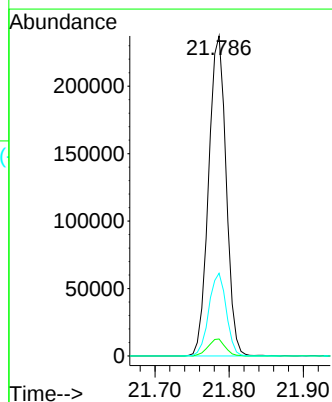
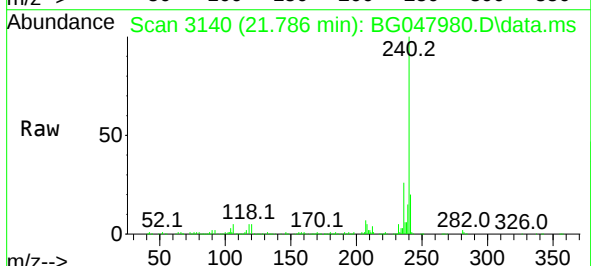
Instrument :
BNA_G
ClientSampleId :
PB134267BL

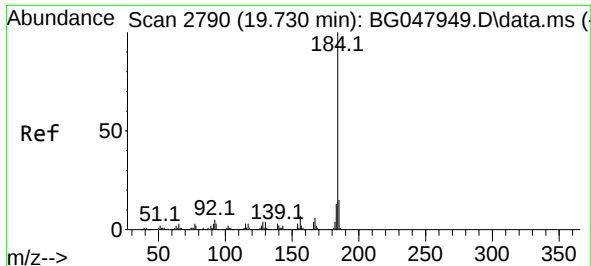
Tgt Ion:248 Resp: 15271
Ion Ratio Lower Upper
248 100
250 191.4 78.9 118.3#
141 447.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Tgt Ion:240 Resp: 389644
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 25.9 20.5 30.7

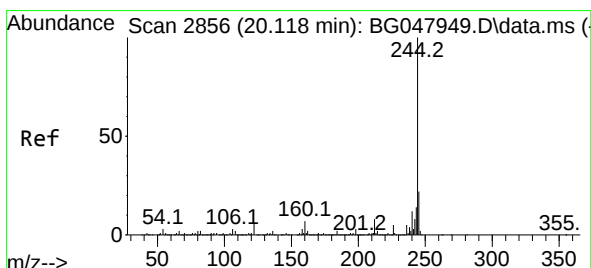
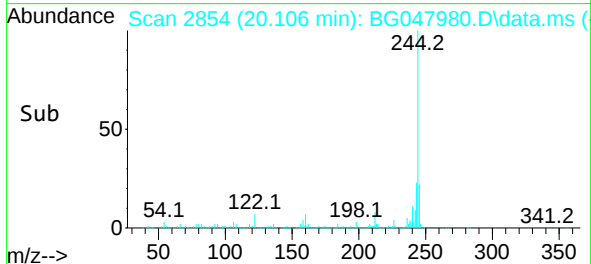
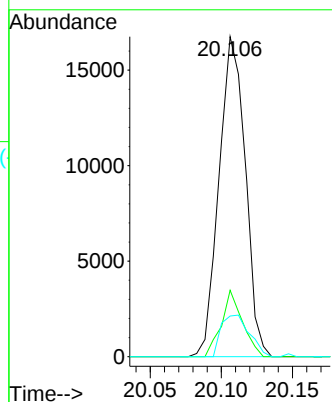
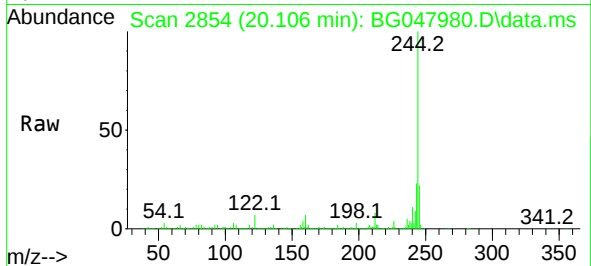




#77
Benzidine
Concen: 2.16 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.376 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

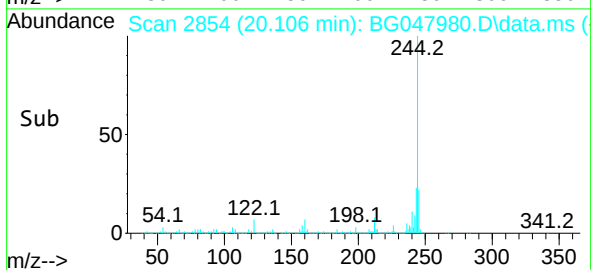
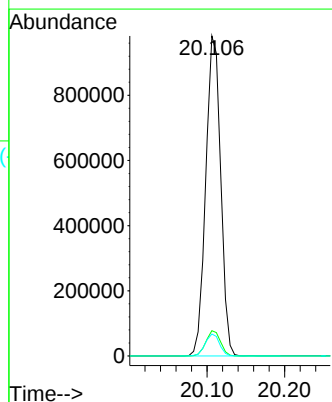
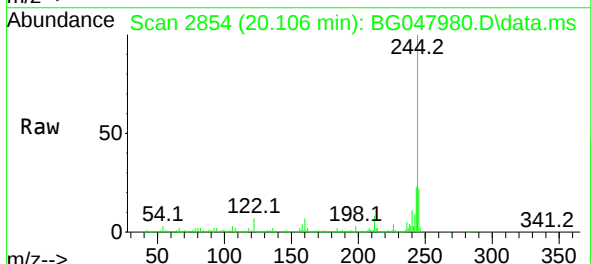
Instrument :
BNA_G
ClientSampleId :
PB134267BL

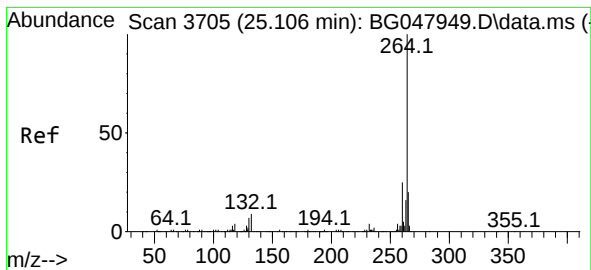
Tgt Ion:184 Resp: 21530
Ion Ratio Lower Upper
184 100
185 20.7 12.4 18.6#
183 12.7 10.6 15.8



#79
Terphenyl-d14
Concen: 62.22 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BG047980.D
Acq: 22 Jan 2021 16:12

Tgt Ion:244 Resp: 1311292
Ion Ratio Lower Upper
244 100
212 7.9 6.7 10.1
122 6.9 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.083 min Scan# 3701
 Delta R.T. -0.024 min
 Lab File: BG047980.D
 Acq: 22 Jan 2021 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB134267BL

Tgt Ion:264 Resp: 384055
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.5 17.8 26.8

