

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047954.D
 Acq On : 21 Jan 2021 15:15
 Operator : CG/JU
 Sample : PB134252TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134252TB

Quant Time: Jan 21 16:10:05 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)

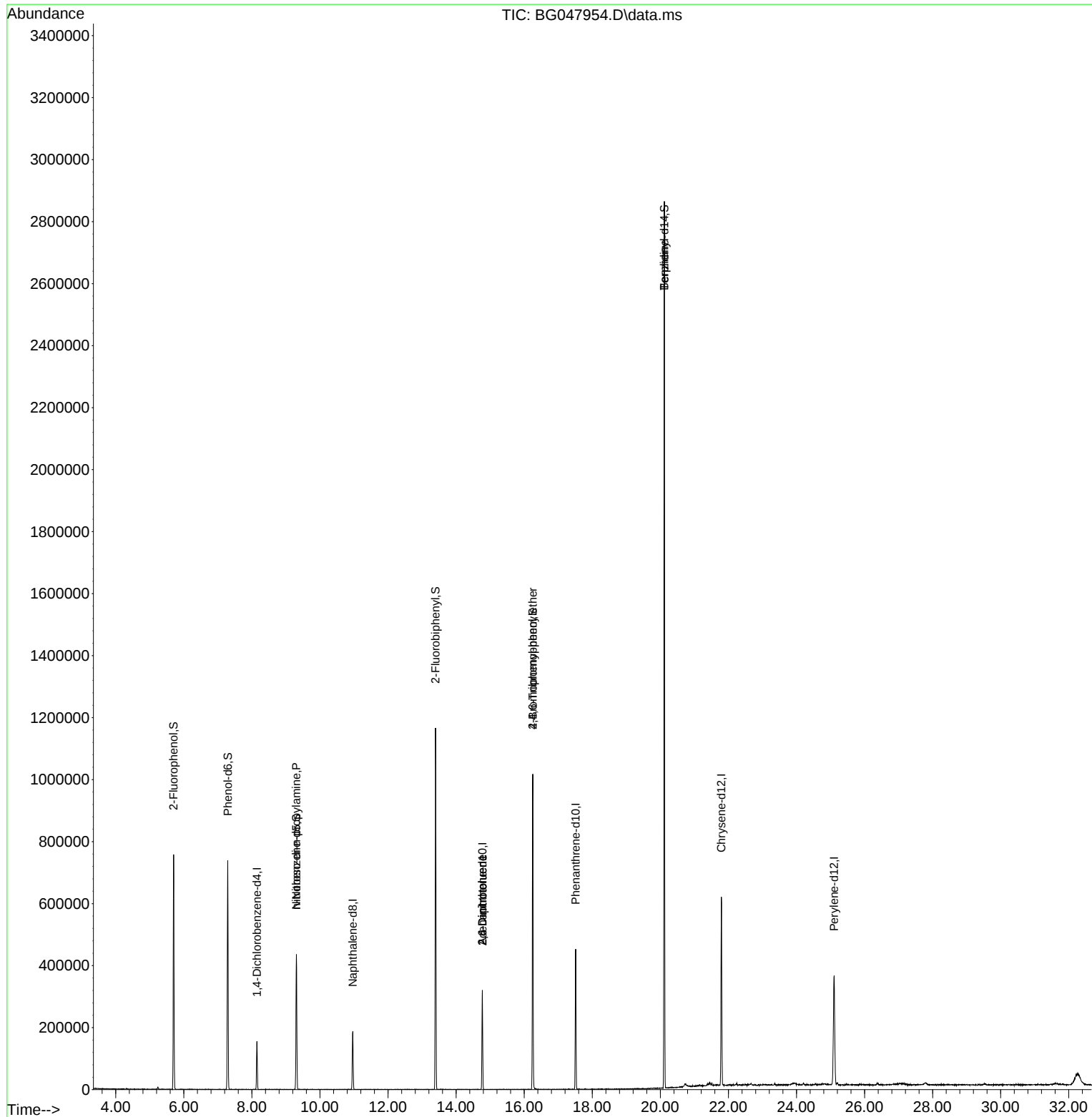
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	41020	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	152807	20.00	ng	# 0.00
39) Acenaphthene-d10	14.771	164	110851	20.00	ng	0.00
64) Phenanthrene-d10	17.515	188	293256	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	391451	20.00	ng	# 0.00
86) Perylene-d12	25.106	264	383107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	282744	112.41	ng	0.00
7) Phenol-d6	7.292	99	380528	100.22	ng	0.00
23) Nitrobenzene-d5	9.307	82	257427	74.08	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	194230	109.49	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	585877	70.58	ng	0.00
79) Terphenyl-d14	20.118	244	1280502	60.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	59	Below Cal	#	1
9) Benzaldehyde	7.280	77	798	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.307	70	37198	13.84	ng	# 75
32) Benzoic acid	10.276	122	67	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.771	165	14724	7.94	ng	# 34
57) 2,4-Dinitrotoluene	14.771	165	14724	5.66	ng	# 32
67) 4-Bromophenyl-phenylether	16.252	248	12739	3.28	ng	# 1
77) Benzidine	20.118	184	20233	2.02	ng	98

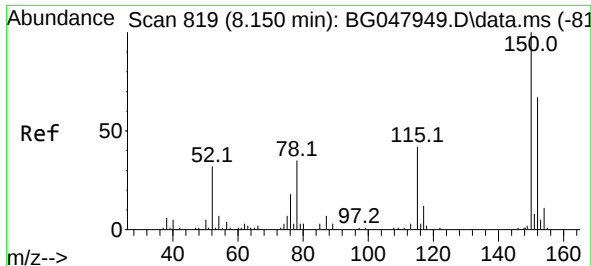
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047954.D
Acq On : 21 Jan 2021 15:15
Operator : CG/JU
Sample : PB134252TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134252TB

Quant Time: Jan 21 16:10:05 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

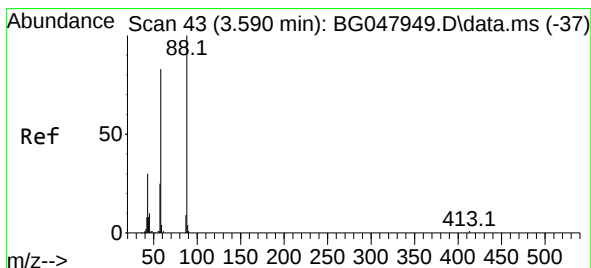
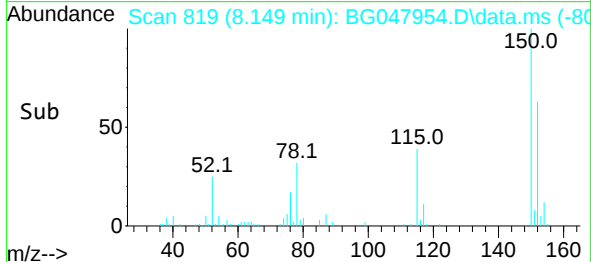
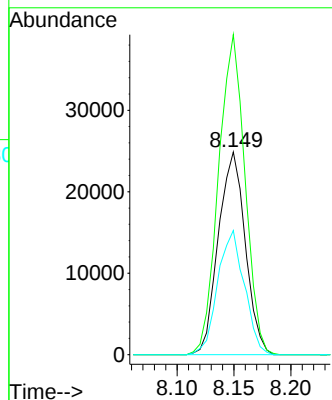
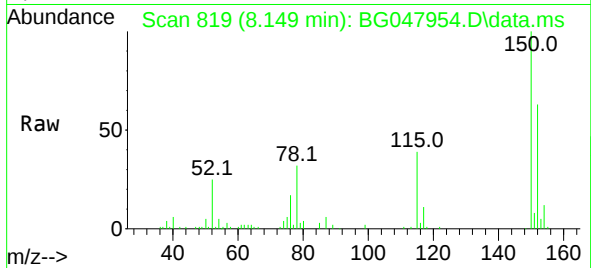




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.149 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

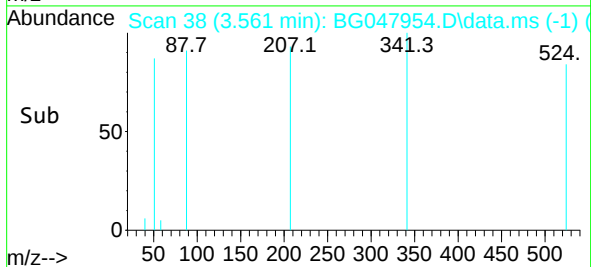
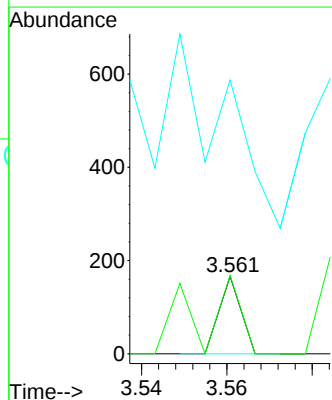
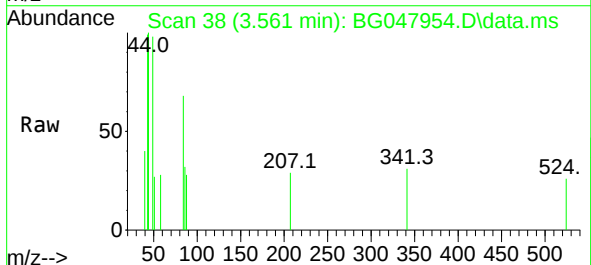
Instrument :
BNA_G
ClientSampleId :
PB134252TB

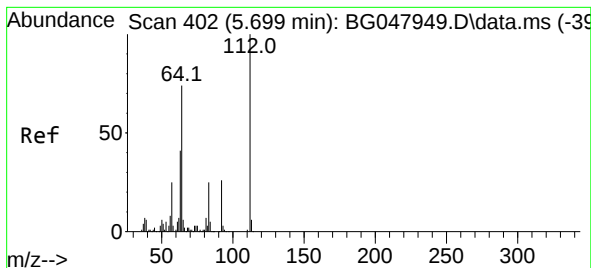
Tgt Ion:152 Resp: 41020
Ion Ratio Lower Upper
152 100
150 157.8 125.0 187.6
115 61.2 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.561 min Scan# 38
Delta R.T. -0.029 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 189.8 61.6 92.4#
43 0.0 21.3 31.9#

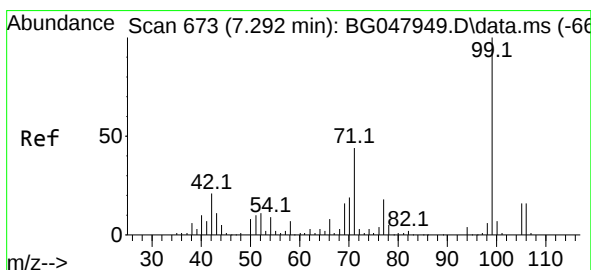
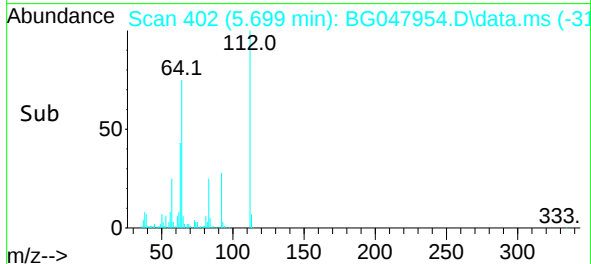
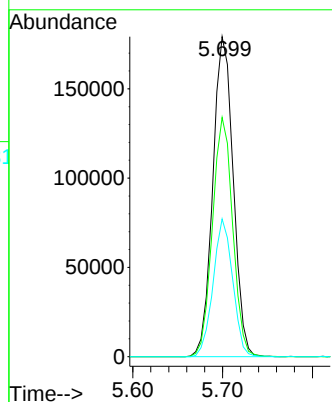
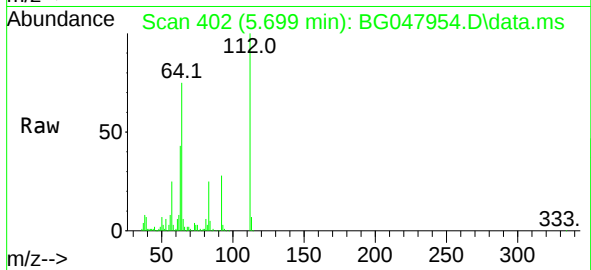




#5
2-Fluorophenol
Concen: 112.41 ng
RT: 5.699 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

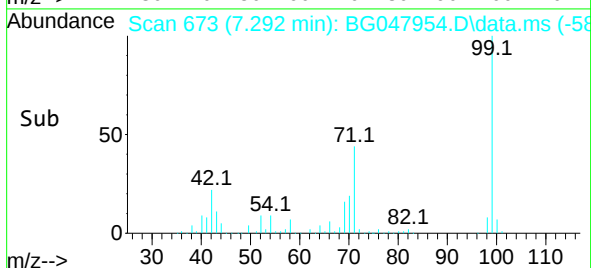
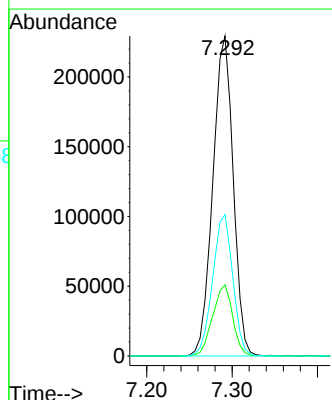
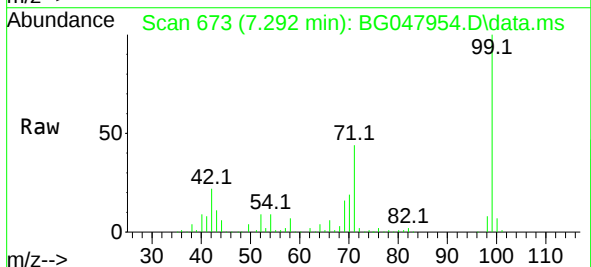
Instrument :
BNA_G
ClientSampleId :
PB134252TB

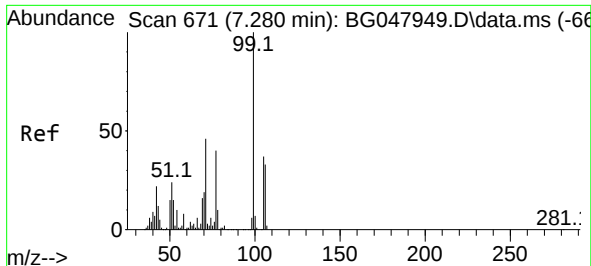
Tgt Ion:112 Resp: 282744
Ion Ratio Lower Upper
112 100
64 74.8 46.7 70.1#
63 43.1 22.8 34.2#



#7
Phenol-d6
Concen: 100.22 ng
RT: 7.292 min Scan# 673
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

Tgt Ion: 99 Resp: 380528
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 44.2 24.6 36.8#

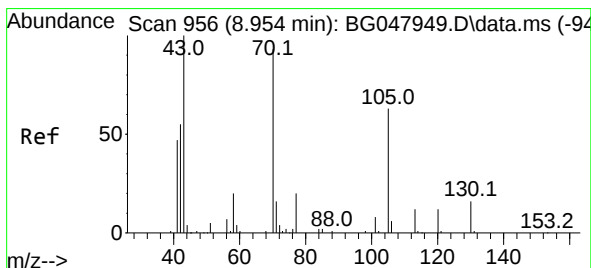
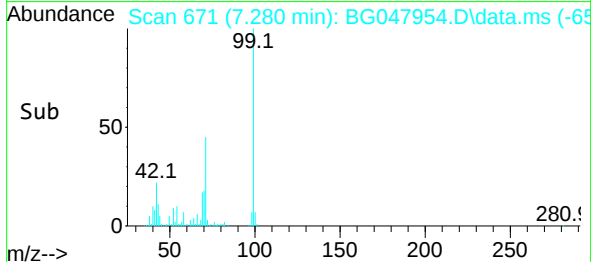
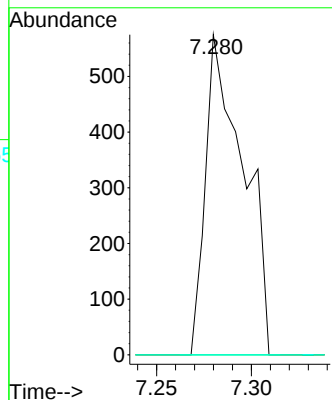
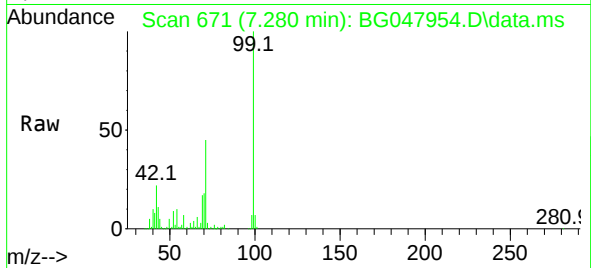




#9
Benzaldehyde
Concen: Below Cal
RT: 7.280 min Scan# 671
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

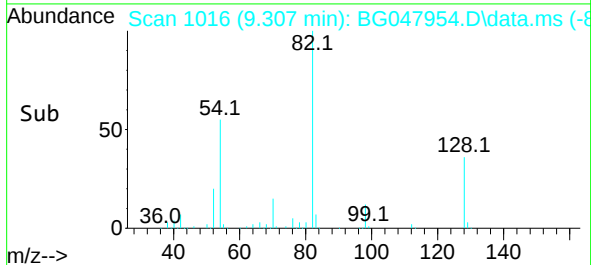
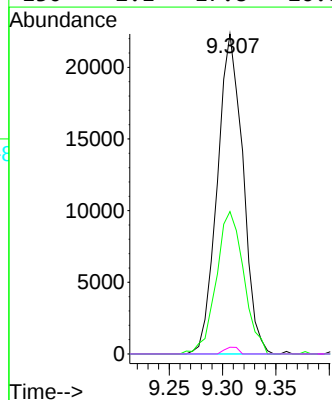
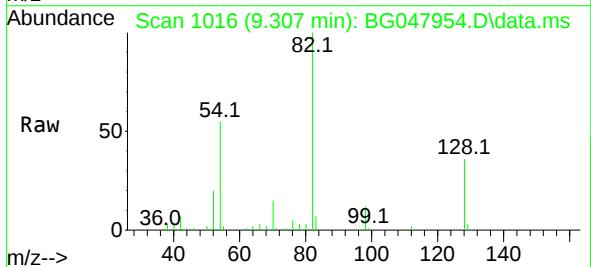
Instrument :
BNA_G
ClientSampleId :
PB134252TB

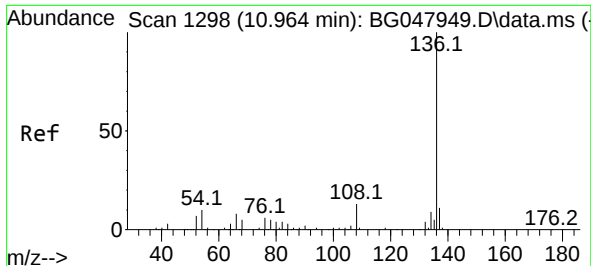
Tgt Ion: 77 Resp: 798
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 13.84 ng
RT: 9.307 min Scan# 1016
Delta R.T. 0.352 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

Tgt Ion: 70 Resp: 37198
Ion Ratio Lower Upper
70 100
42 44.5 45.6 68.4#
101 0.0 8.4 12.6#
130 2.1 17.8 26.8#

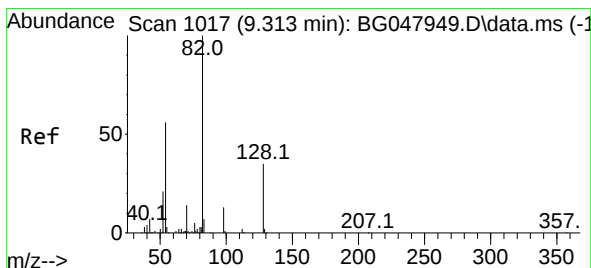
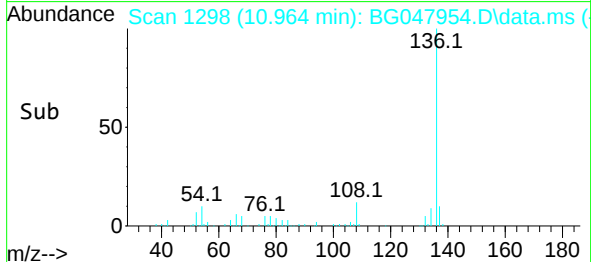
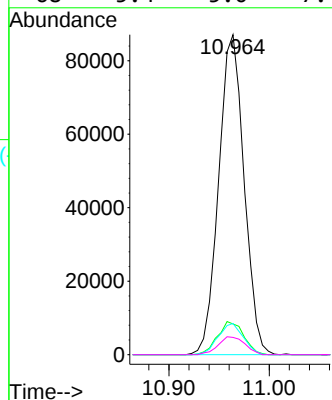
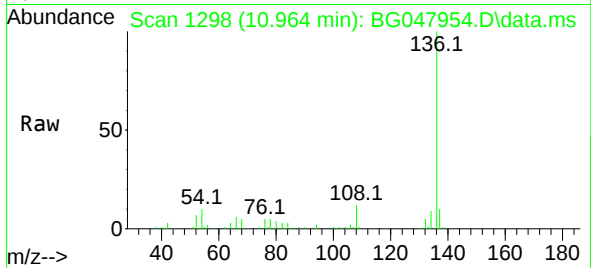




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

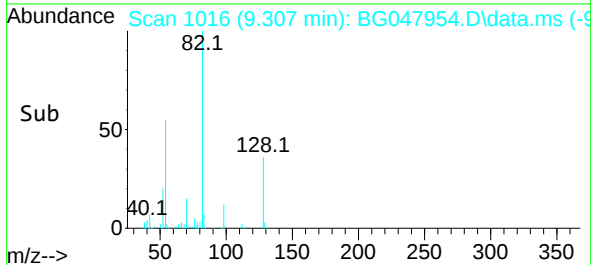
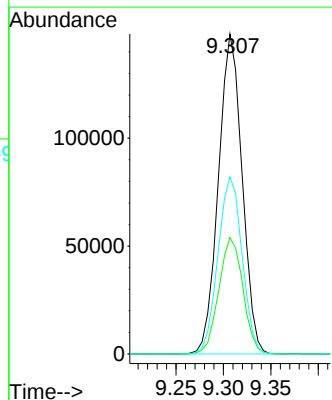
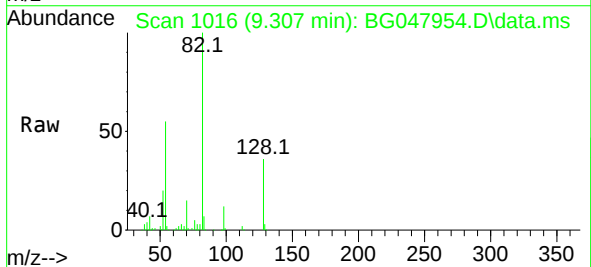
Instrument :
BNA_G
ClientSampleId :
PB134252TB

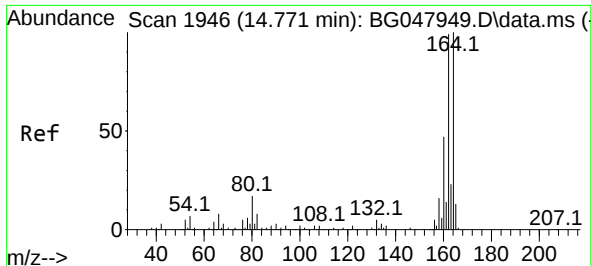
Tgt Ion:136 Resp: 152807
Ion Ratio Lower Upper
136 100
137 9.6 9.1 13.7
54 9.8 6.2 9.4#
68 5.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 74.08 ng
RT: 9.307 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

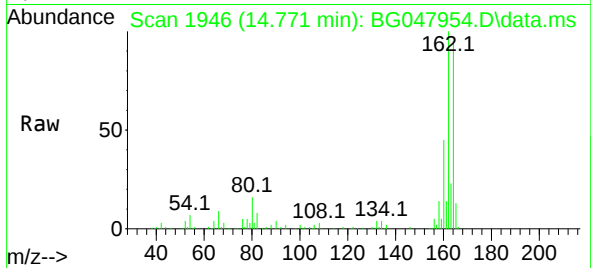
Tgt Ion: 82 Resp: 257427
Ion Ratio Lower Upper
82 100
128 36.4 37.0 55.6#
54 55.4 39.0 58.4



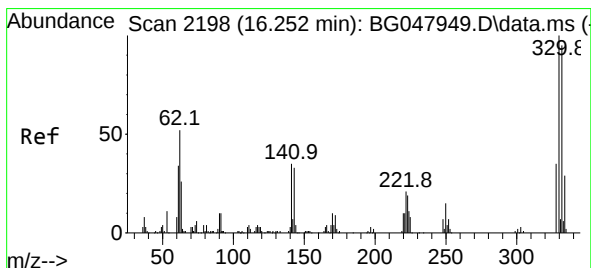
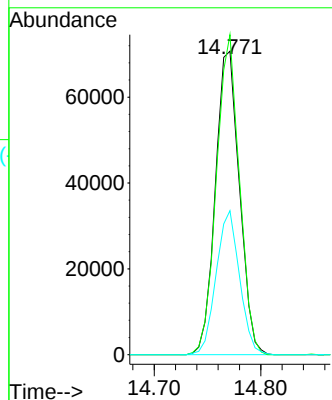
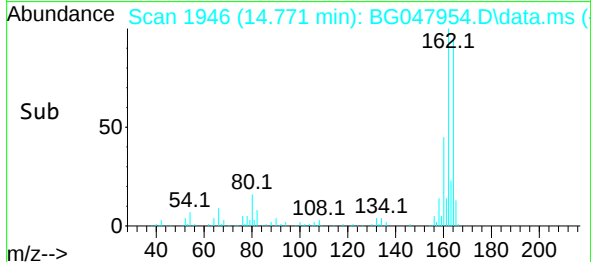


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

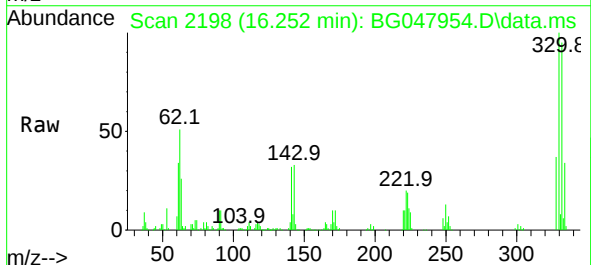
Instrument :
BNA_G
ClientSampleId :
PB134252TB



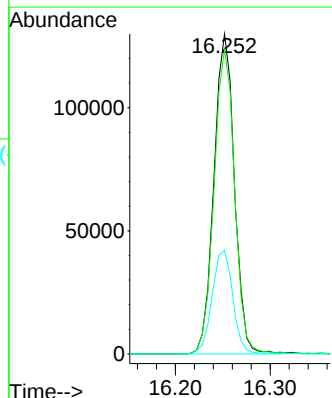
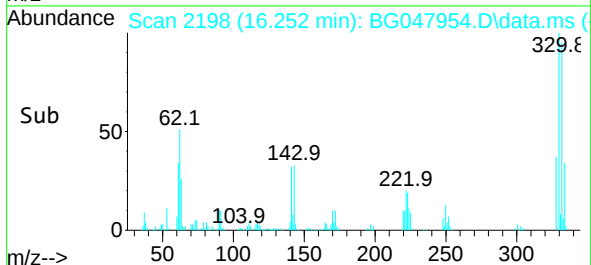
Tgt Ion:	164	Resp:	110851
Ion Ratio	Lower	Upper	
164	100		
162	105.4	82.3	123.5
160	47.4	35.3	52.9

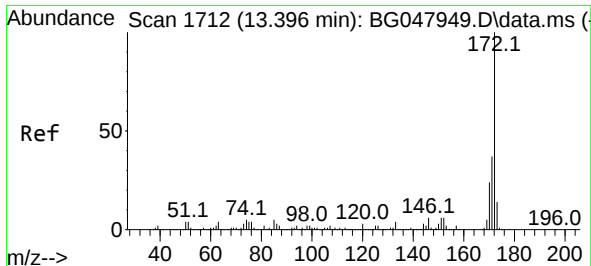


#42
2,4,6-Tribromophenol
Concen: 109.49 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15



Tgt Ion:	330	Resp:	194230
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.5	114.7
141	32.9	26.0	39.0

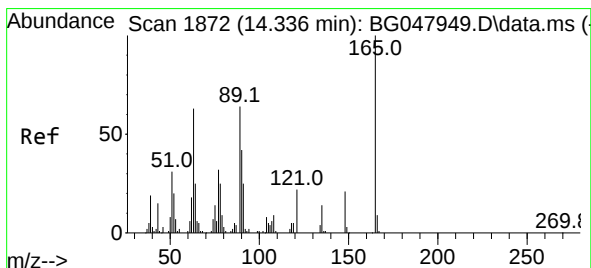
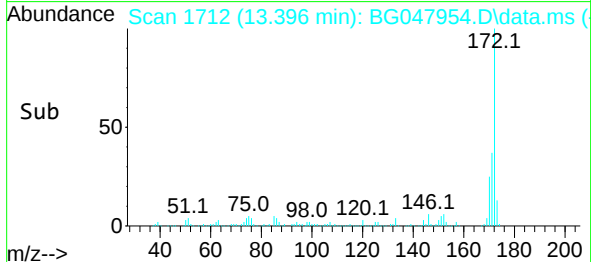
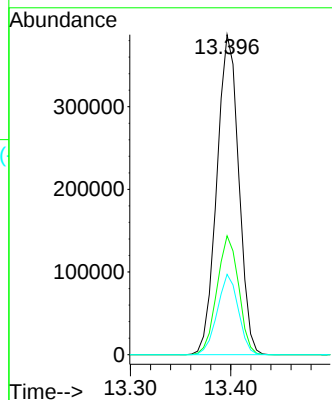
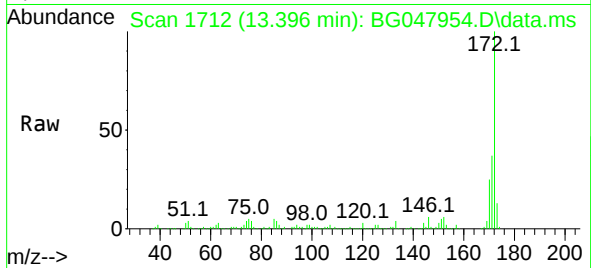




#45
2-Fluorobiphenyl
Concen: 70.58 ng
RT: 13.396 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

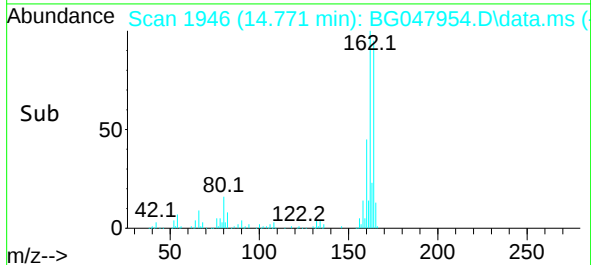
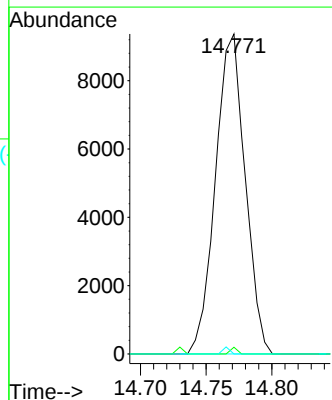
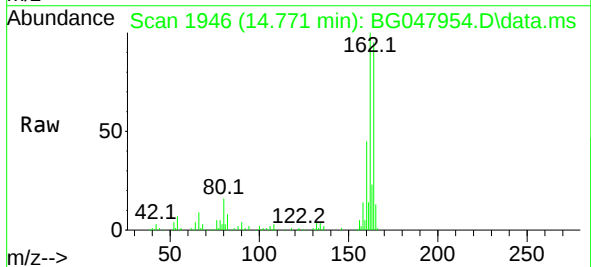
Instrument :
BNA_G
ClientSampleId :
PB134252TB

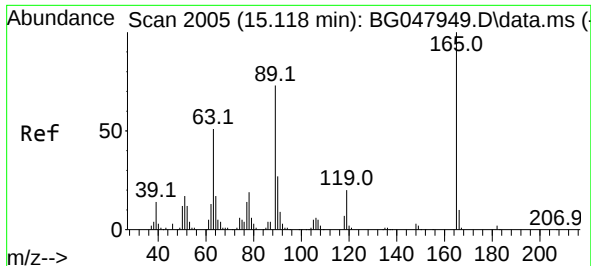
Tgt Ion:172	Resp:	585877
Ion Ratio	Lower	Upper
172	100	
171	37.2	31.3 46.9
170	25.1	20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 14.771 min Scan# 1946
Delta R.T. 0.435 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

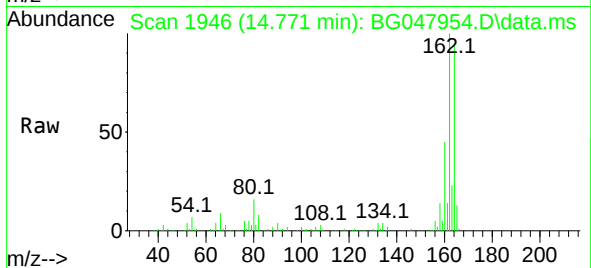
Tgt Ion:165	Resp:	14724
Ion Ratio	Lower	Upper
165	100	
63	2.1	33.7 50.5#
89	0.0	36.6 54.8#



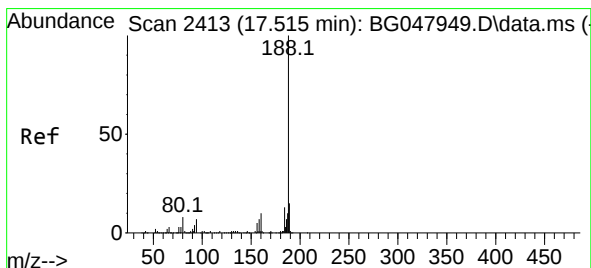
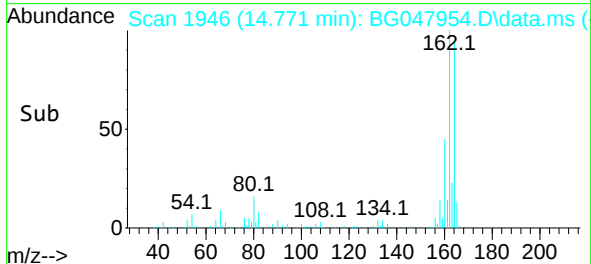
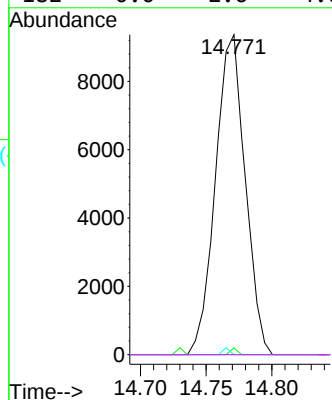


#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.347 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

Instrument :
BNA_G
ClientSampleId :
PB134252TB

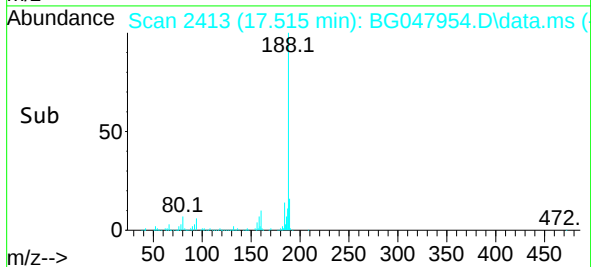
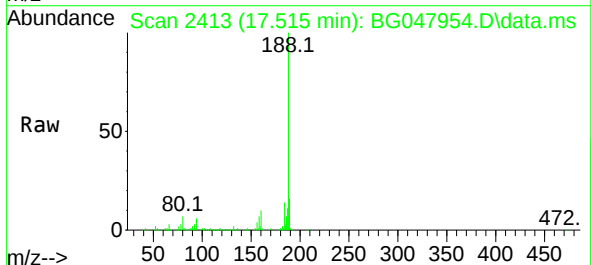
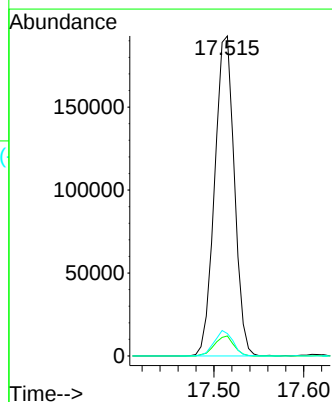


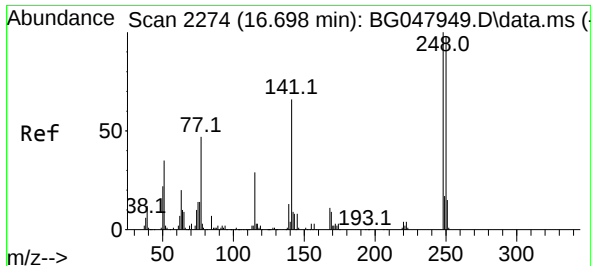
Tgt Ion:165	Resp:	14724
Ion Ratio	Lower	Upper
165	100	
63	2.1	26.4 39.6#
89	0.0	47.8 71.8#
182	0.0	2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.515 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

Tgt Ion:188	Resp:	293256
Ion Ratio	Lower	Upper
188	100	
94	6.2	6.3 9.5#
80	7.0	7.0 10.6#

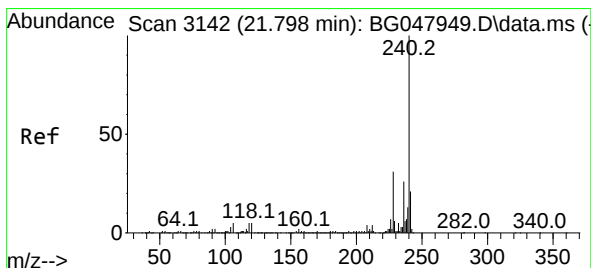
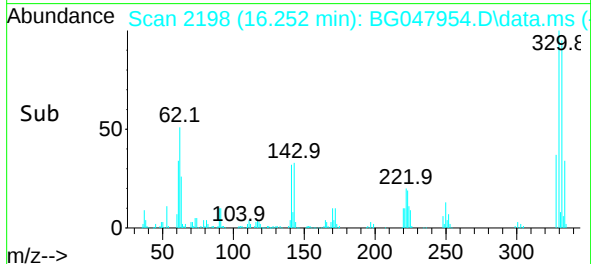
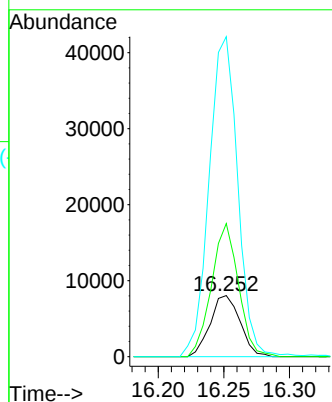
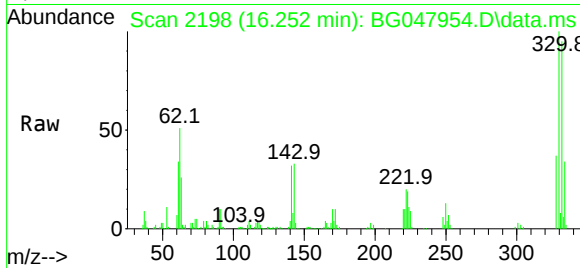




#67
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.447 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

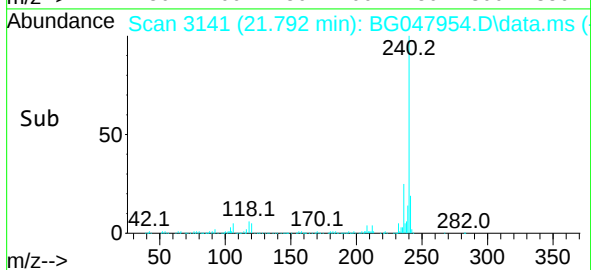
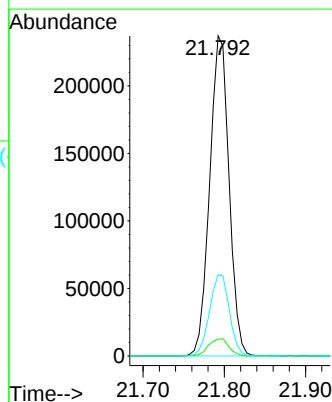
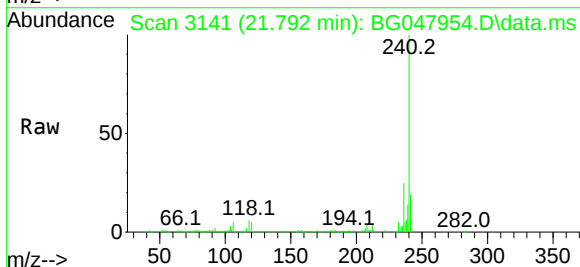
Instrument :
BNA_G
ClientSampleId :
PB134252TB

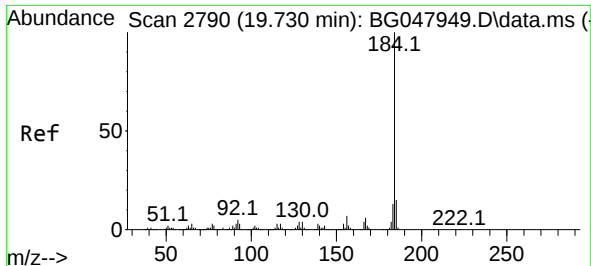
Tgt Ion:248 Resp: 12739
Ion Ratio Lower Upper
248 100
250 217.6 78.9 118.3#
141 523.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

Tgt Ion:240 Resp: 391451
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 25.4 20.5 30.7

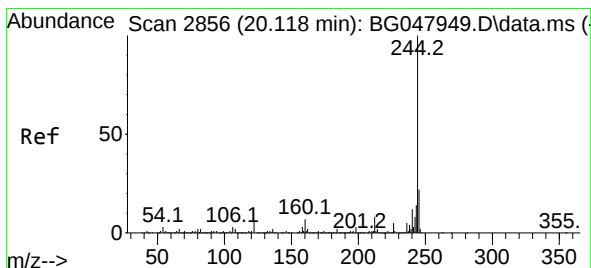
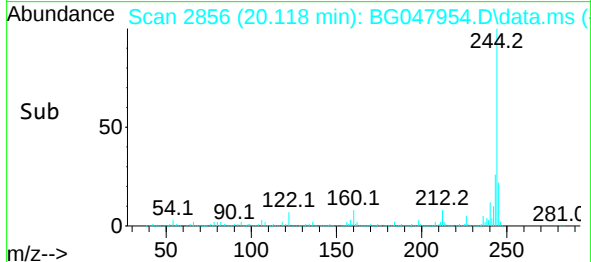
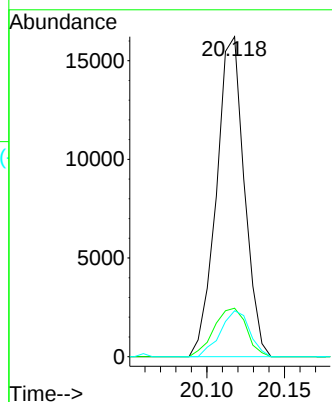
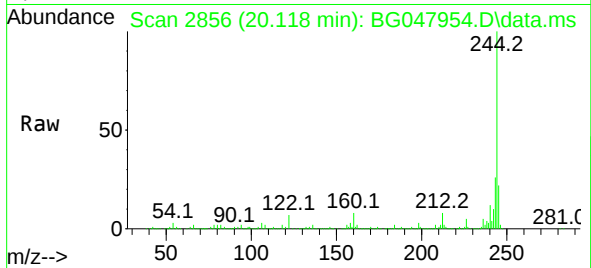




#77
Benzidine
Concen: 2.02 ng
RT: 20.118 min Scan# 2856
Delta R.T. 0.388 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

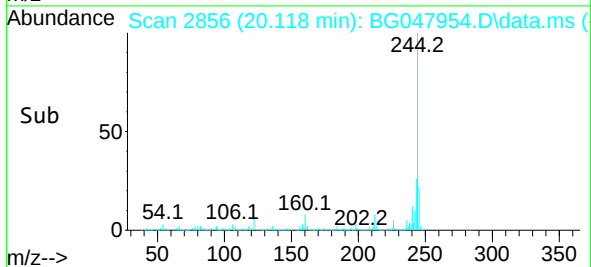
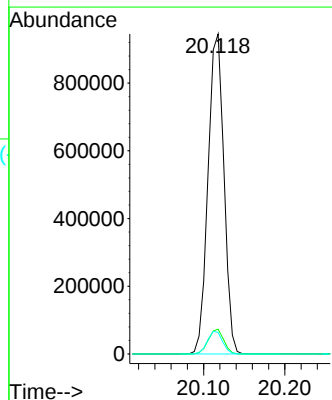
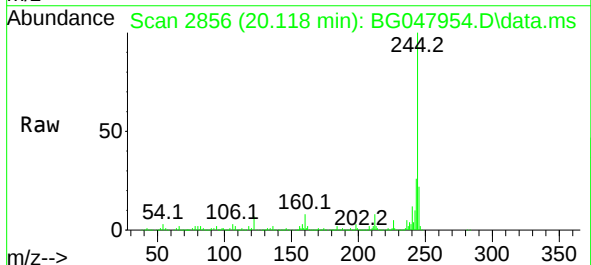
Instrument :
BNA_G
ClientSampleId :
PB134252TB

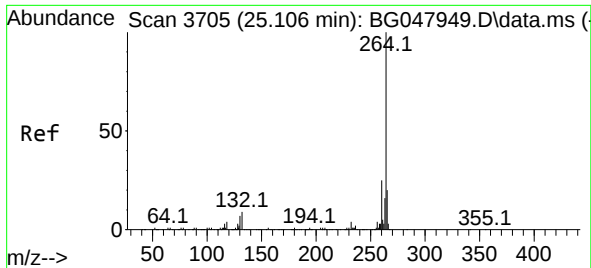
Tgt Ion:184 Resp: 20233
Ion Ratio Lower Upper
184 100
185 15.1 12.4 18.6
183 14.3 10.6 15.8



#79
Terphenyl-d14
Concen: 60.48 ng
RT: 20.118 min Scan# 2856
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

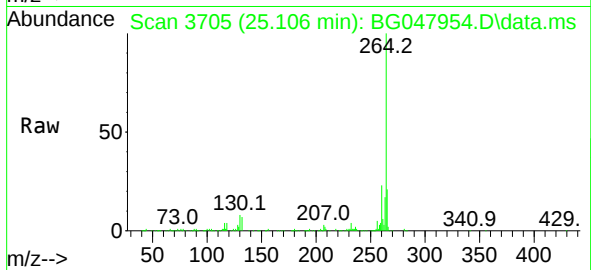
Tgt Ion:244 Resp: 1280502
Ion Ratio Lower Upper
244 100
212 7.7 6.7 10.1
122 6.8 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.106 min Scan# 3705
Delta R.T. -0.000 min
Lab File: BG047954.D
Acq: 21 Jan 2021 15:15

Instrument :
BNA_G
ClientSampleId :
PB134252TB



Tgt Ion:264 Resp: 383107

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.8	28.2
265	21.1	17.8	26.8

