

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046701.D
 Acq On : 25 Sep 2020 14:28
 Operator : CG/JU
 Sample : PB131901TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131901TB

Quant Time: Sep 25 15:09:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

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

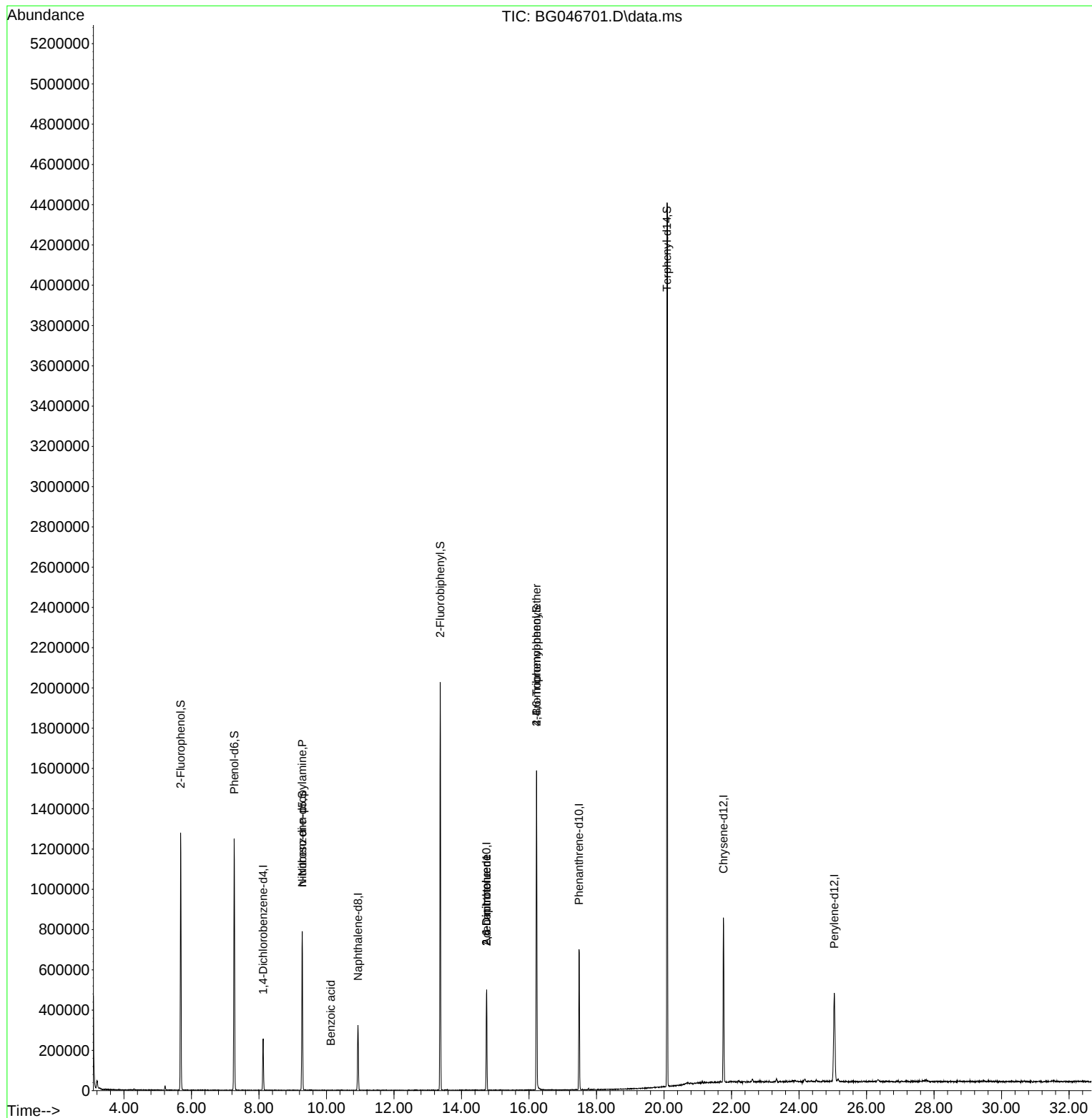
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	67078	20.00	ng	# 0.00
21) Naphthalene-d8	10.931	136	253264	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	171755	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	441462	20.00	ng	0.00
76) Chrysene-d12	21.760	240	503770	20.00	ng	#-0.02
86) Perylene-d12	25.044	264	493207	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	493575	117.88	ng	0.00
7) Phenol-d6	7.265	99	645679	109.32	ng	0.00
23) Nitrobenzene-d5	9.280	82	449079	94.33	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	301554	133.15	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	989523	81.56	ng	0.00
79) Terphenyl-d14	20.091	244	1934478	76.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.265	77	1670	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.280	70	65199	16.10	ng	# 82
32) Benzoic acid	10.126	122	69	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.745	165	21908	9.83	ng	# 36
57) 2,4-Dinitrotoluene	14.745	165	21908	7.42	ng	# 34
67) 4-Bromophenyl-phenylether	16.225	248	21145	3.79	ng	# 1

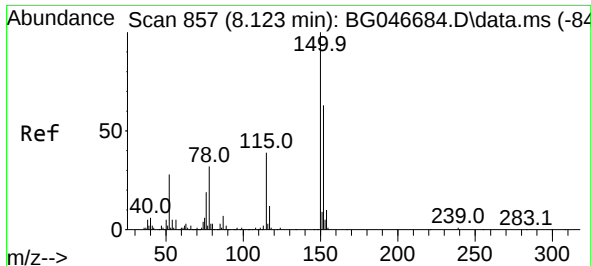
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
Data File : BG046701.D
Acq On : 25 Sep 2020 14:28
Operator : CG/JU
Sample : PB131901TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131901TB

Quant Time: Sep 25 15:09:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 21:47:28 2020
Response via : Initial Calibration

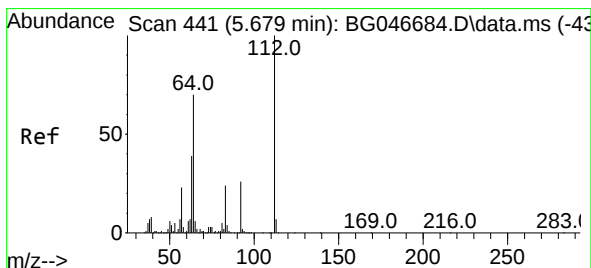
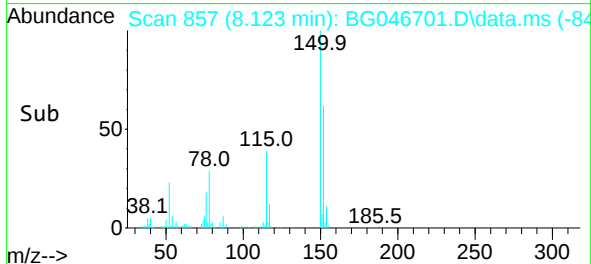
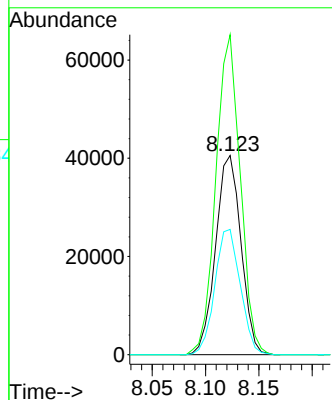
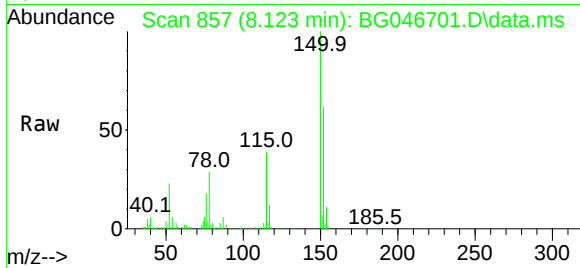




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 857
Delta R.T. -0.000 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

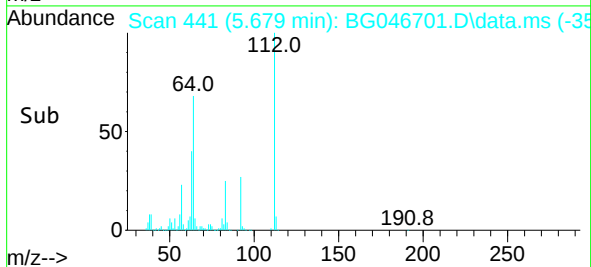
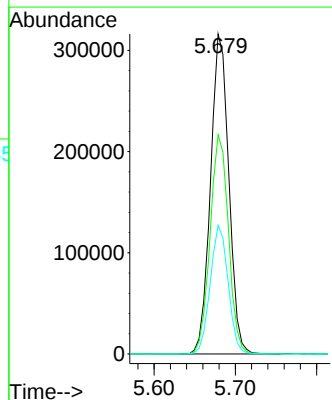
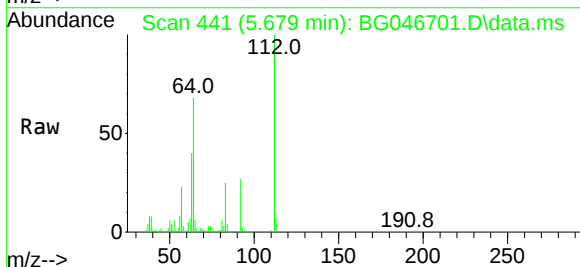
Instrument :
BNA_G
ClientSampleId :
PB131901TB

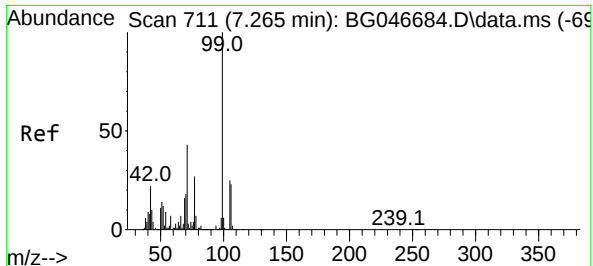
Tgt Ion:152 Resp: 67078
Ion Ratio Lower Upper
152 100
150 160.6 125.0 187.6
115 62.9 41.8 62.6#



#5
2-Fluorophenol
Concen: 117.88 ng
RT: 5.679 min Scan# 441
Delta R.T. -0.000 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion:112 Resp: 493575
Ion Ratio Lower Upper
112 100
64 68.5 46.7 70.1
63 40.2 22.8 34.2#

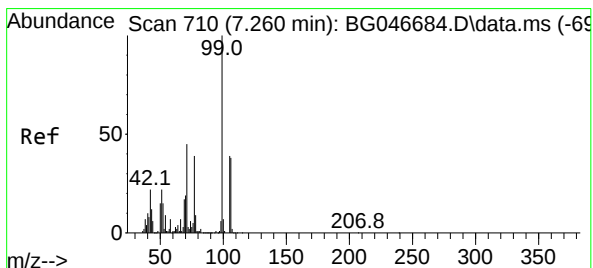
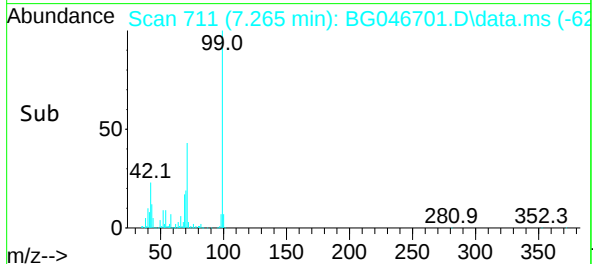
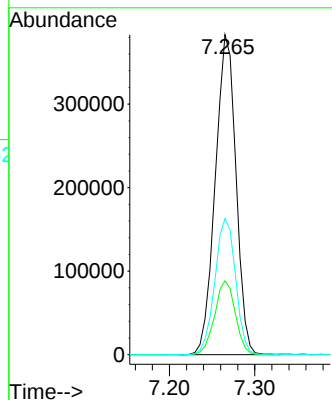
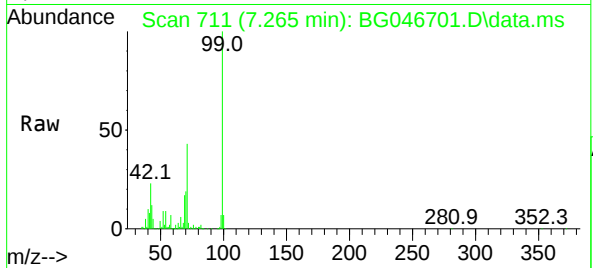




#7
Phenol-d6
Concen: 109.32 ng
RT: 7.265 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

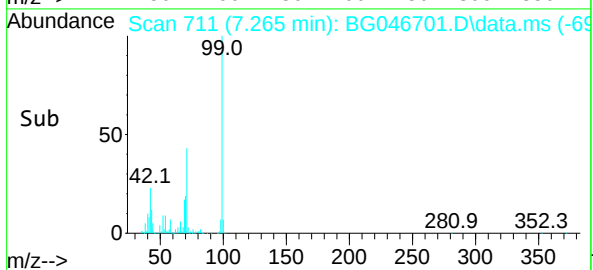
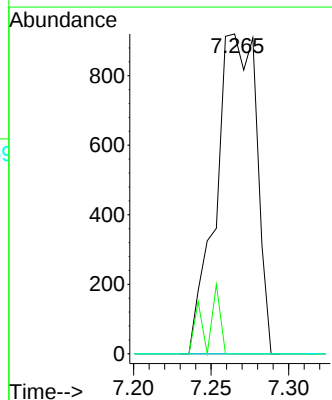
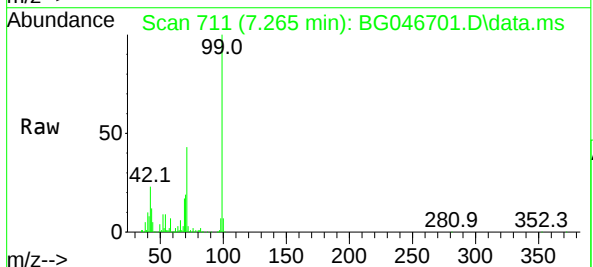
Instrument :
BNA_G
ClientSampleId :
PB131901TB

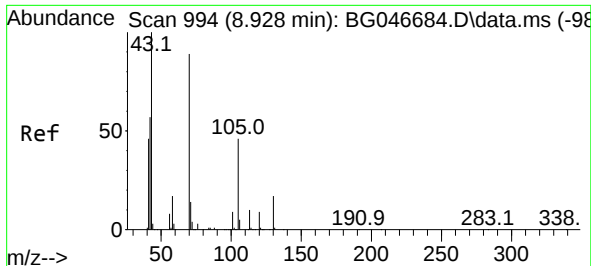
Tgt Ion: 99 Resp: 645679
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 42.5 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.265 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion: 77 Resp: 1670
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

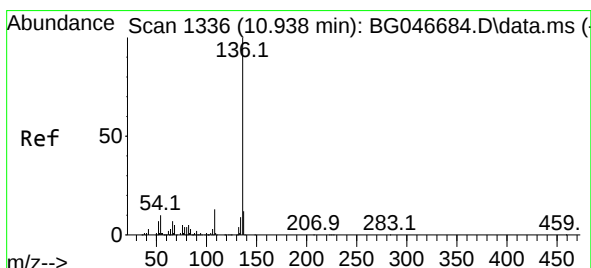
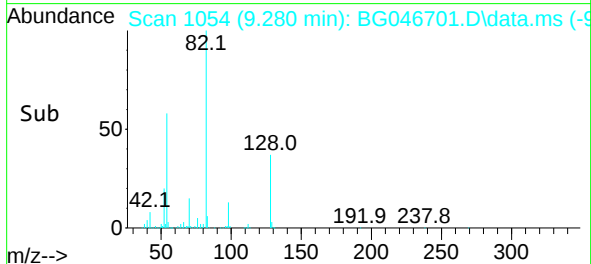
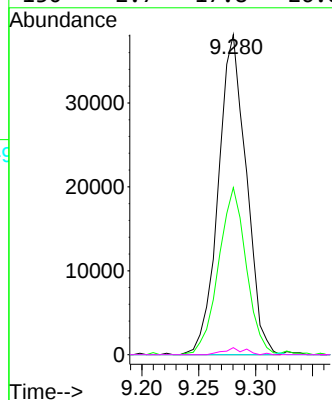
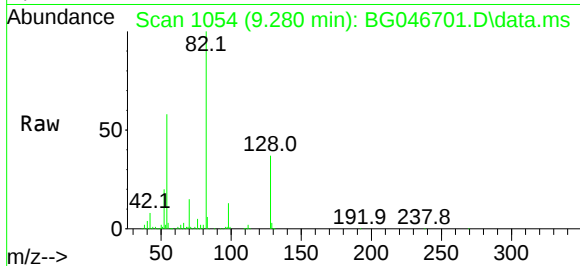




#19
n-Nitroso-di-n-propylamine
Concen: 16.10 ng
RT: 9.280 min Scan# 1054
Delta R.T. 0.352 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

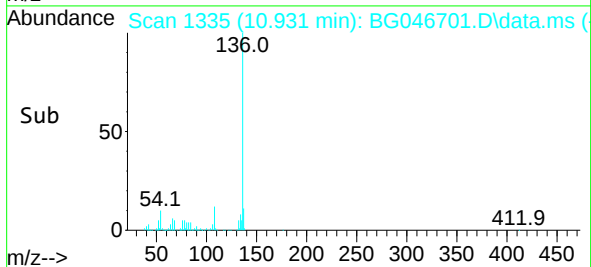
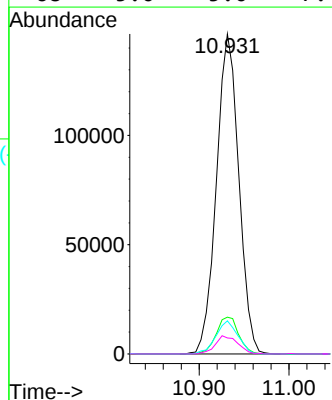
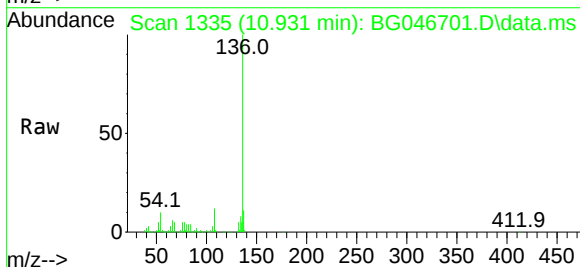
Instrument :
BNA_G
ClientSampleId :
PB131901TB

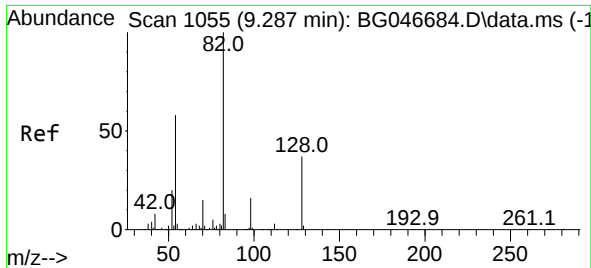
Tgt Ion: 70	Resp: 65199
Ion Ratio	Lower Upper
70 100	
42 52.2	45.6 68.4
101 0.0	8.4 12.6#
130 2.7	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1335
Delta R.T. -0.007 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion: 136	Resp: 253264
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 10.3	6.2 9.4#
68 5.0	5.0 7.4

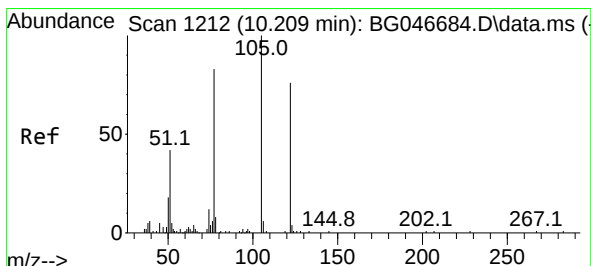
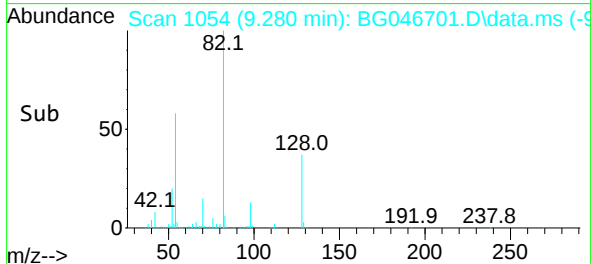
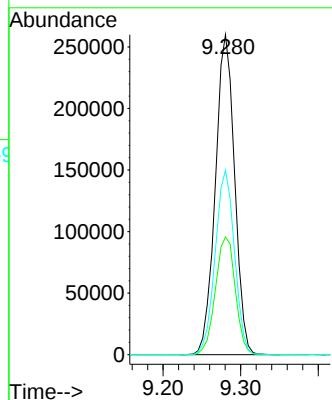
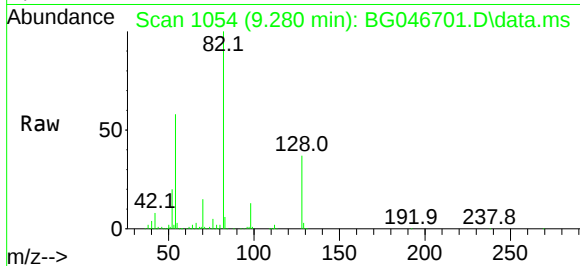




#23
Nitrobenzene-d5
Concen: 94.33 ng
RT: 9.280 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

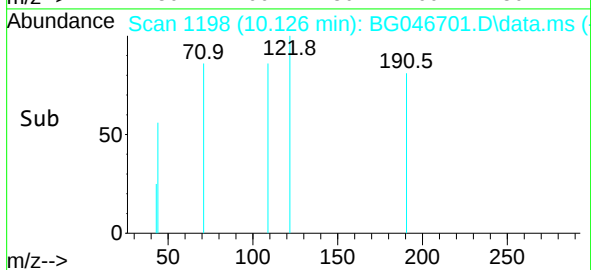
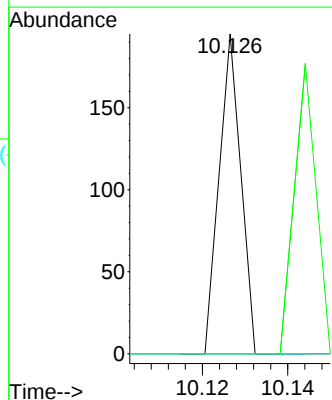
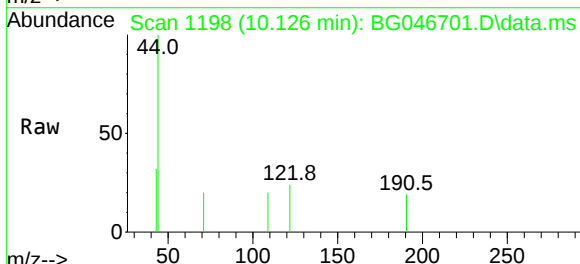
Instrument :
BNA_G
ClientSampleId :
PB131901TB

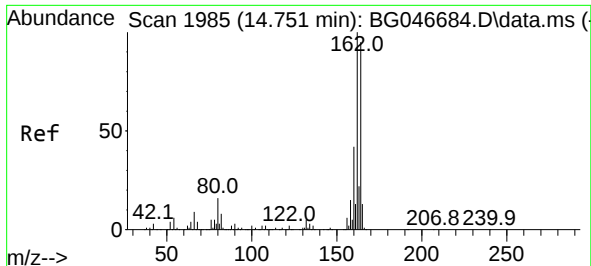
Tgt Ion: 82 Resp: 449079
Ion Ratio Lower Upper
82 100
128 36.8 37.0 55.6#
54 57.7 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.126 min Scan# 1198
Delta R.T. -0.083 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

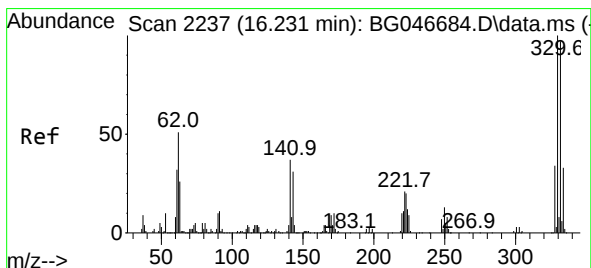
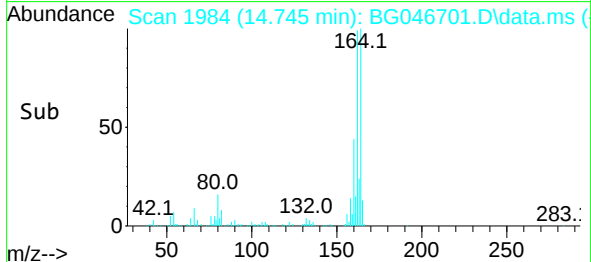
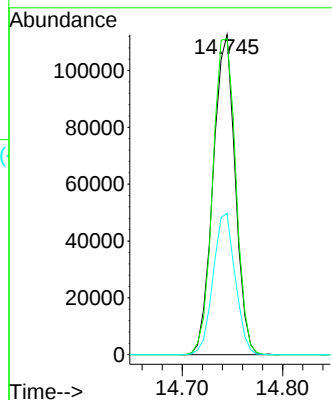
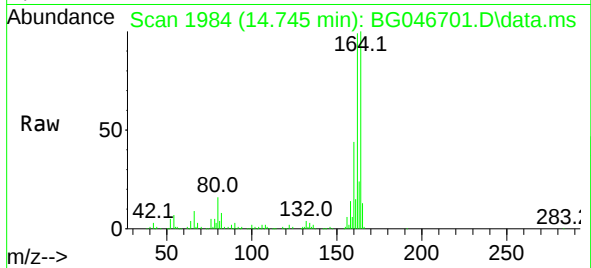




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

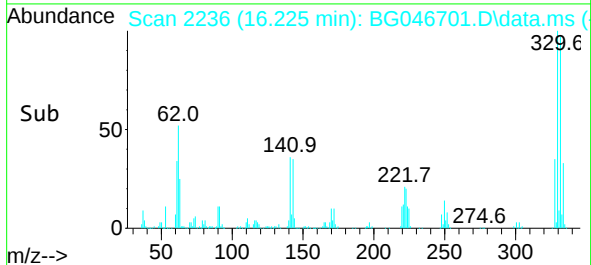
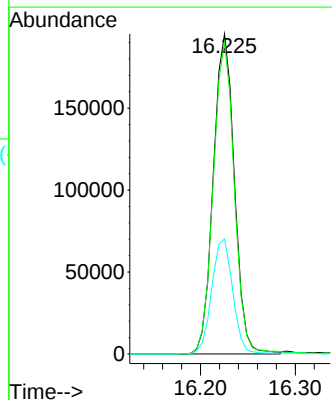
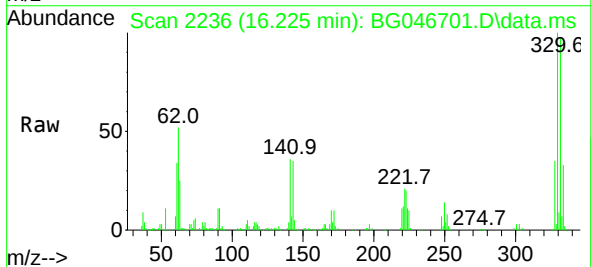
Instrument :
BNA_G
ClientSampleId :
PB131901TB

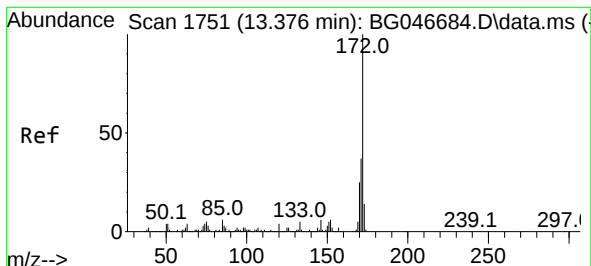
Tgt Ion:164 Resp: 171755
Ion Ratio Lower Upper
164 100
162 98.7 82.3 123.5
160 44.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 133.15 ng
RT: 16.225 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion:330 Resp: 301554
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 36.0 26.0 39.0

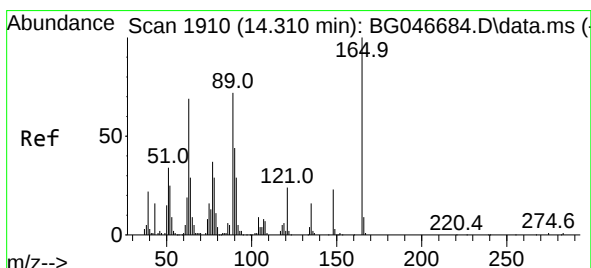
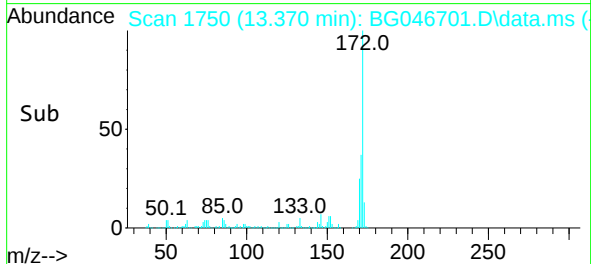
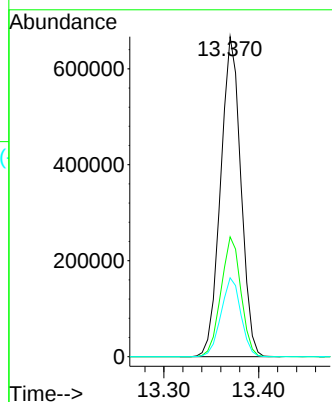
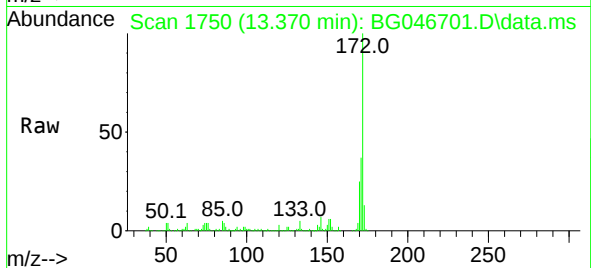




#45
2-Fluorobiphenyl
Concen: 81.56 ng
RT: 13.370 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

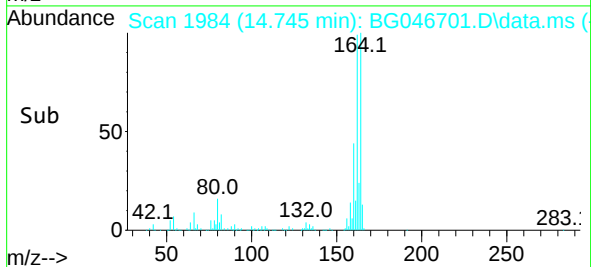
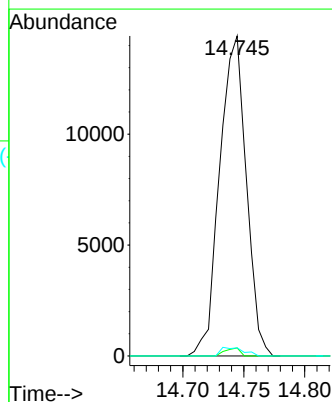
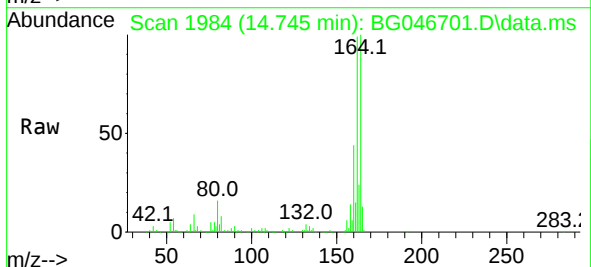
Instrument :
BNA_G
ClientSampleId :
PB131901TB

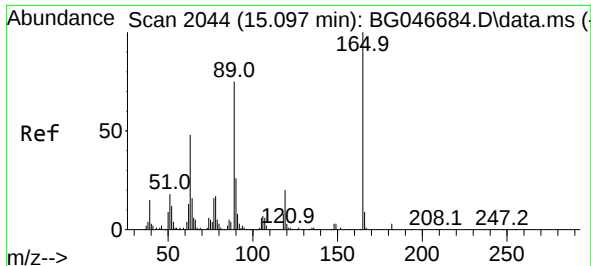
Tgt Ion:172 Resp: 989523
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.7 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 9.83 ng
RT: 14.745 min Scan# 1984
Delta R.T. 0.434 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion:165 Resp: 21908
Ion Ratio Lower Upper
165 100
63 2.5 33.7 50.5#
89 2.6 36.6 54.8#

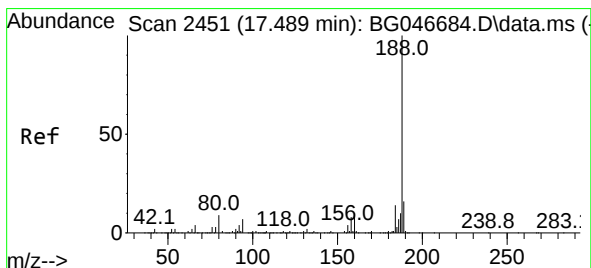
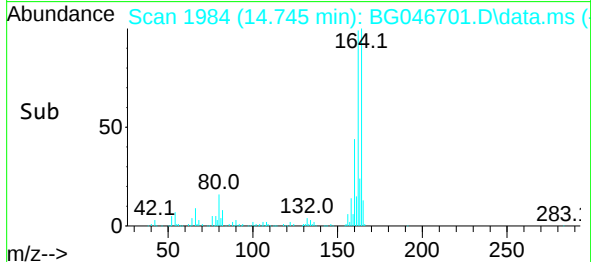
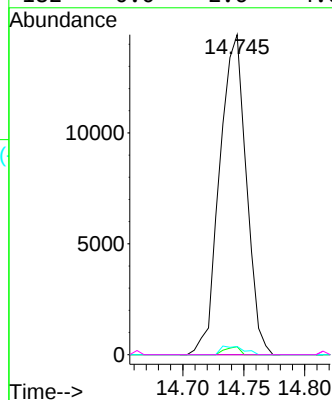
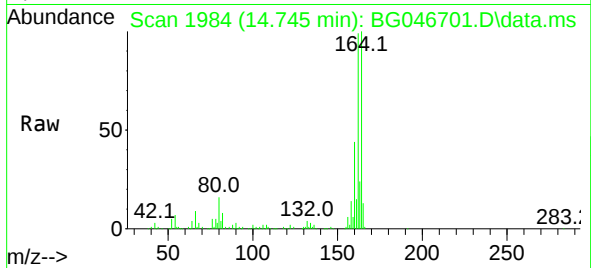




#57
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 14.745 min Scan# 1984
Delta R.T. -0.353 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

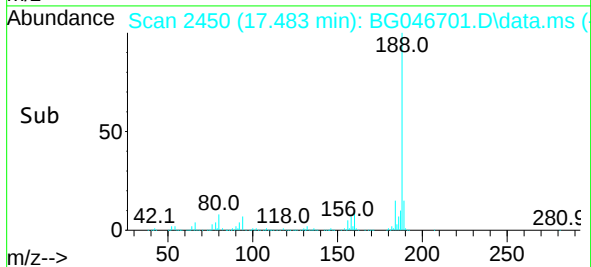
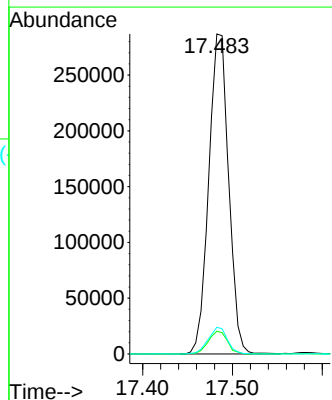
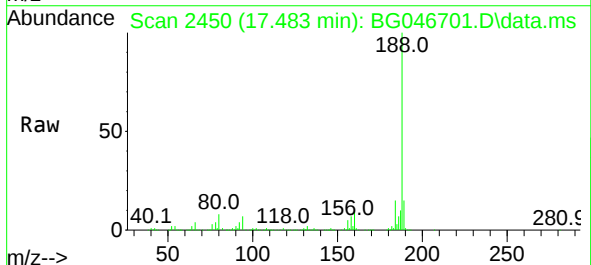
Instrument :
BNA_G
ClientSampleId :
PB131901TB

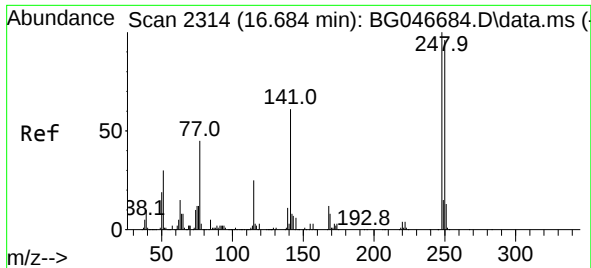
Tgt Ion:165 Resp: 21908
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 2.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion:188 Resp: 441462
Ion Ratio Lower Upper
188 100
94 7.1 6.3 9.5
80 8.4 7.0 10.6

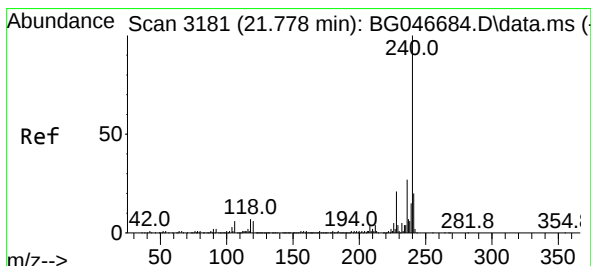
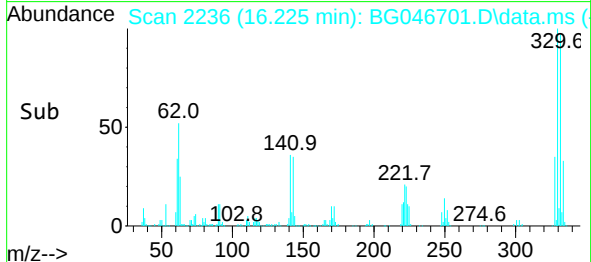
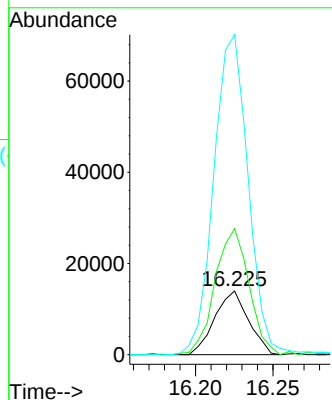
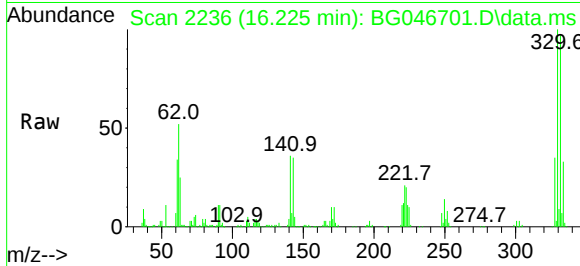




#67
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 16.225 min Scan# 2236
Delta R.T. -0.459 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

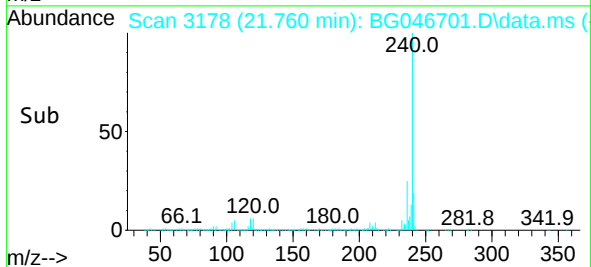
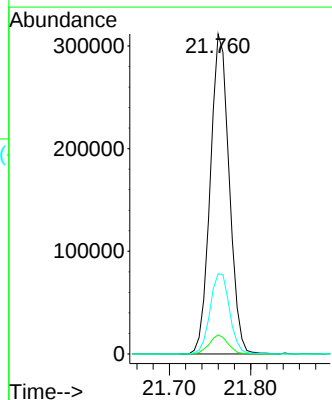
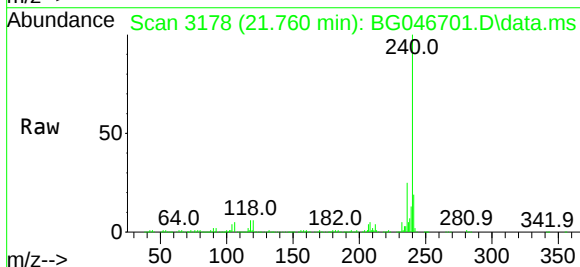
Instrument :
BNA_G
ClientSampleId :
PB131901TB

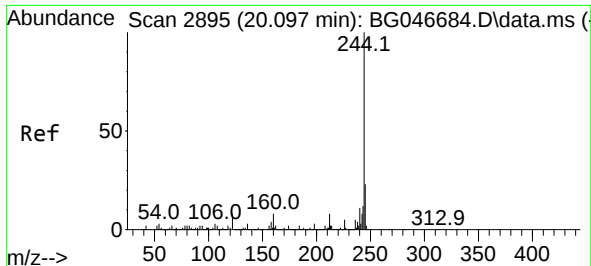
Tgt Ion:248 Resp: 21145
Ion Ratio Lower Upper
248 100
250 255.8 78.9 118.3#
141 502.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.760 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion:240 Resp: 503770
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 25.1 20.5 30.7

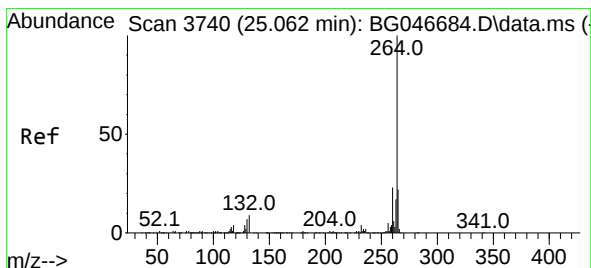
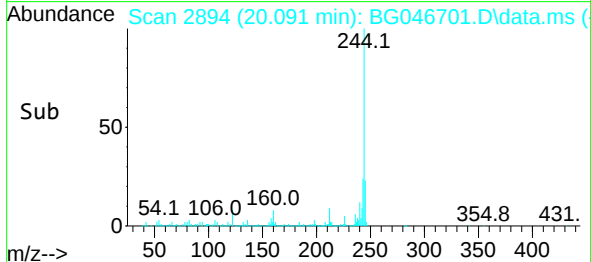
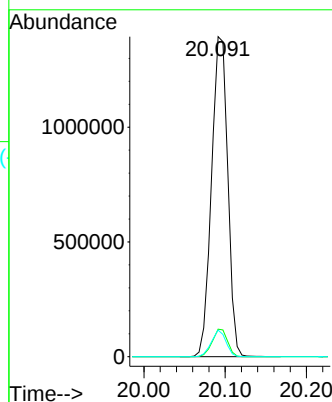
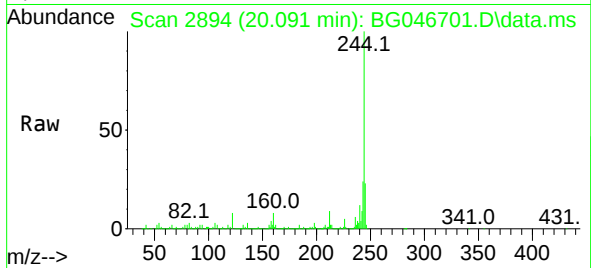




#79
Terphenyl-d14
Concen: 76.96 ng
RT: 20.091 min Scan# 2894
Delta R.T. -0.006 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131901TB

Tgt Ion:244 Resp: 1934478
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 8.3 7.8 11.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.044 min Scan# 3737
Delta R.T. -0.018 min
Lab File: BG046701.D
Acq: 25 Sep 2020 14:28

Tgt Ion:264 Resp: 493207
Ion Ratio Lower Upper
264 100
260 24.9 18.8 28.2
265 20.8 17.8 26.8

