

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046704.D
 Acq On : 25 Sep 2020 16:28
 Operator : CG/JU
 Sample : L4128-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-5

Quant Time: Sep 25 17:40:24 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)

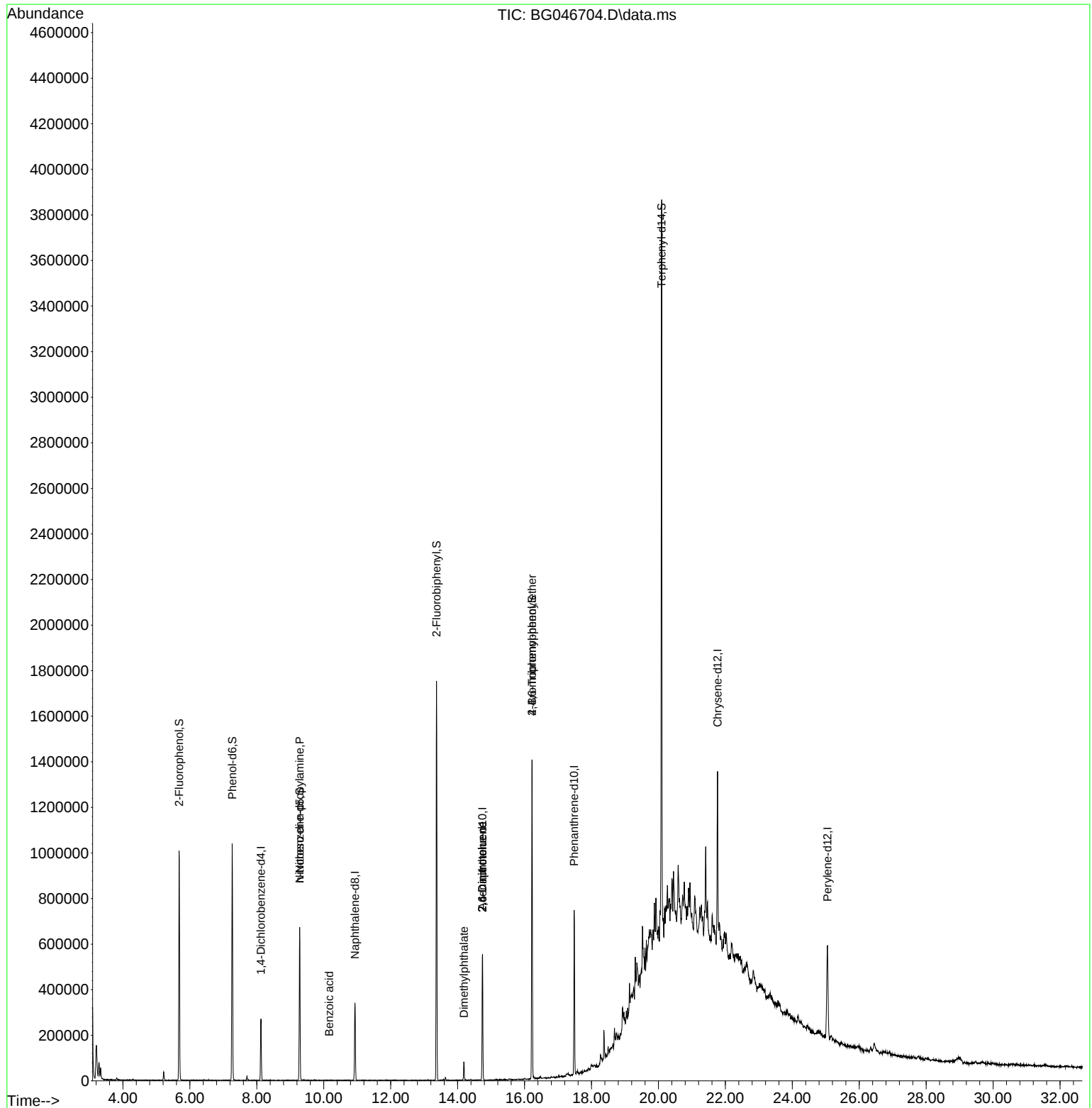
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	69753	20.00	ng	0.00
21) Naphthalene-d8	10.931	136	269516	20.00	ng	0.00
39) Acenaphthene-d10	14.744	164	193500	20.00	ng	0.00
64) Phenanthrene-d10	17.482	188	447033	20.00	ng	0.00
76) Chrysene-d12	21.765	240	440896	20.00	ng	#-0.01
86) Perylene-d12	25.050	264	458379	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	404332	92.86	ng	0.00
7) Phenol-d6	7.265	99	533905	86.93	ng	0.00
23) Nitrobenzene-d5	9.280	82	379198	74.85	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	259198	101.59	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	883746	64.66	ng	0.00
79) Terphenyl-d14	20.097	244	1346073	61.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.265	77	1340	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.280	70	56811	13.49	ng	# 81
32) Benzoic acid	10.161	122	56	6.36	ng	# 1
50) Dimethylphthalate	14.186	163	48074	3.11	ng	# 93
51) 2,6-Dinitrotoluene	14.738	165	24830	9.89	ng	# 34
57) 2,4-Dinitrotoluene	14.738	165	24830	7.47	ng	# 32
67) 4-Bromophenyl-phenylether	16.225	248	17556	3.11	ng	# 1

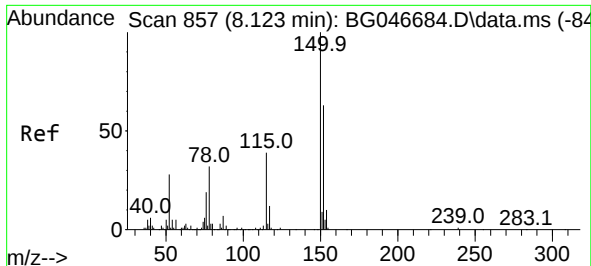
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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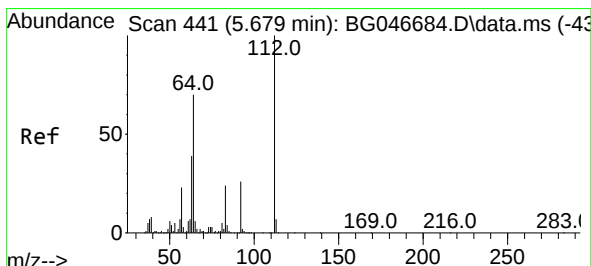
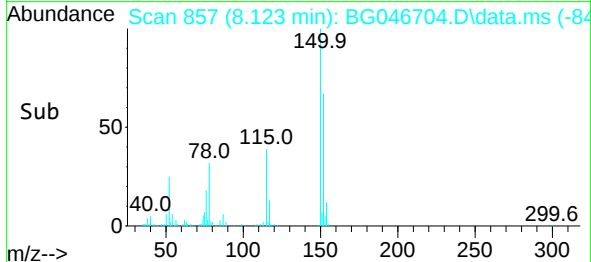
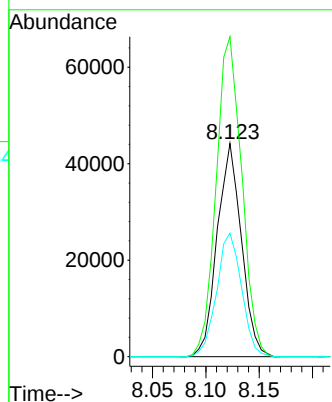
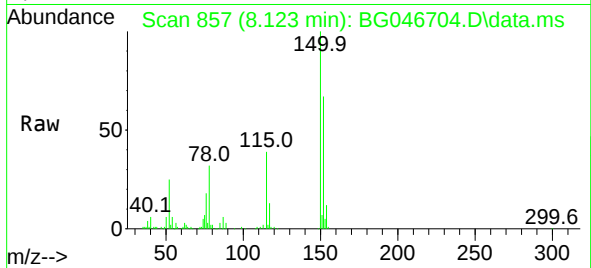




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 857
Delta R.T. -0.000 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

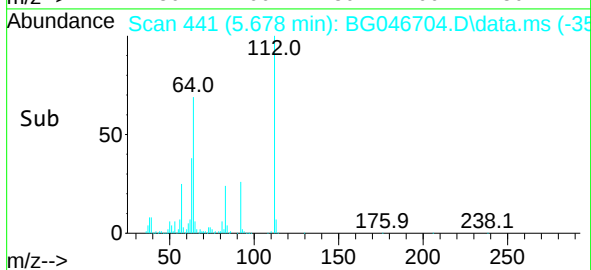
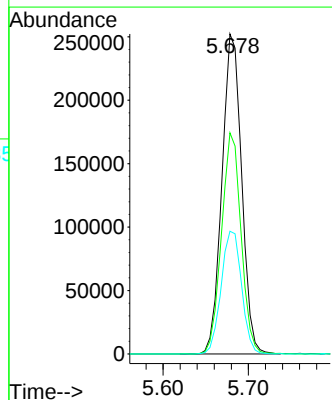
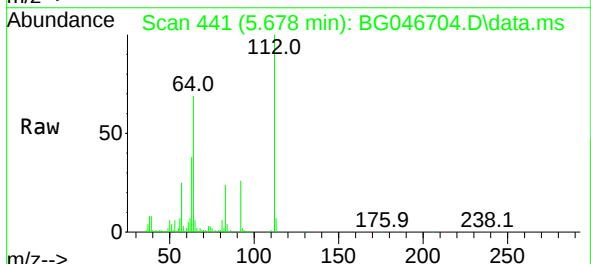
Instrument :
BNA_G
ClientSampleId :
DRUM-1-5

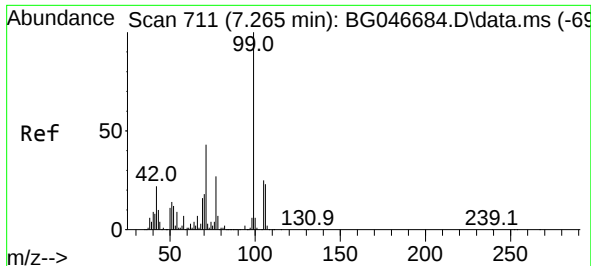
Tgt Ion:152 Resp: 69753
Ion Ratio Lower Upper
152 100
150 150.1 125.0 187.6
115 57.9 41.8 62.6



#5
2-Fluorophenol
Concen: 92.86 ng
RT: 5.678 min Scan# 441
Delta R.T. -0.001 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:112 Resp: 404332
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 38.4 22.8 34.2#

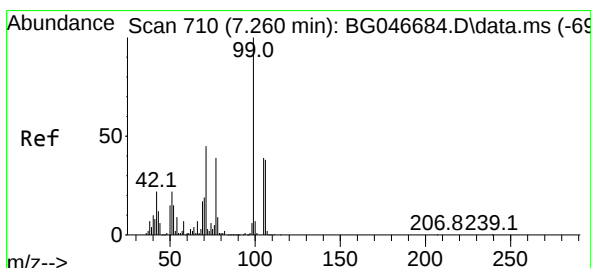
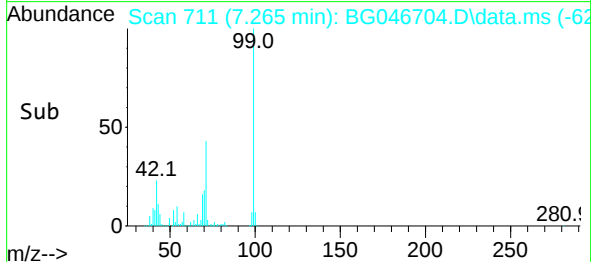
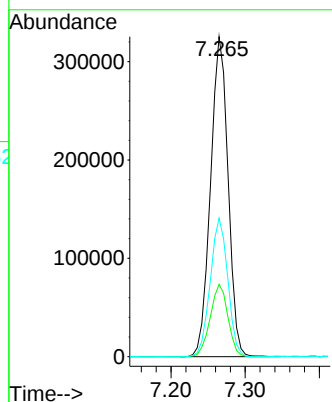
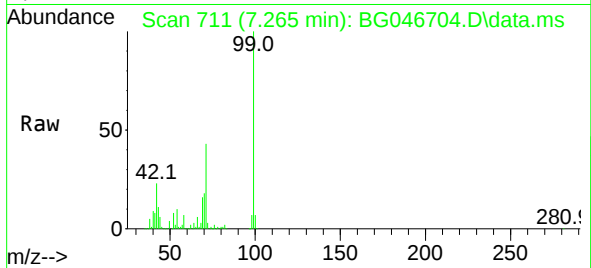




#7
Phenol-d6
Concen: 86.93 ng
RT: 7.265 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

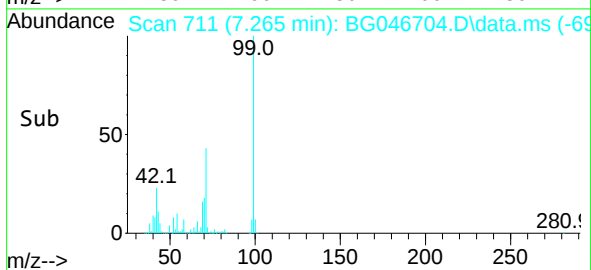
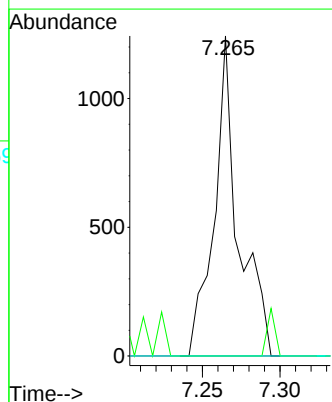
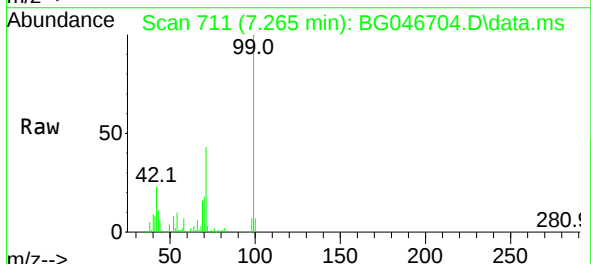
Instrument :
BNA_G
ClientSampleId :
DRUM-1-5

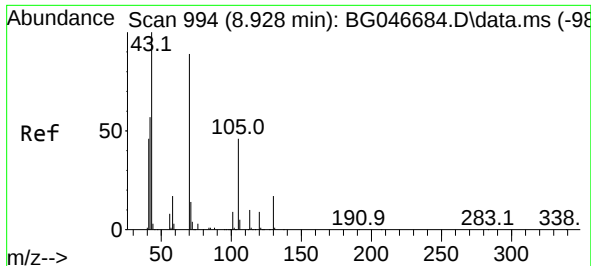
Tgt Ion: 99 Resp: 533905
Ion Ratio Lower Upper
99 100
42 22.6 12.8 19.2#
71 43.3 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.265 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

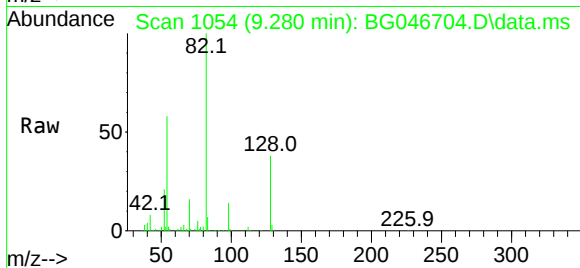
Tgt Ion: 77 Resp: 1340
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



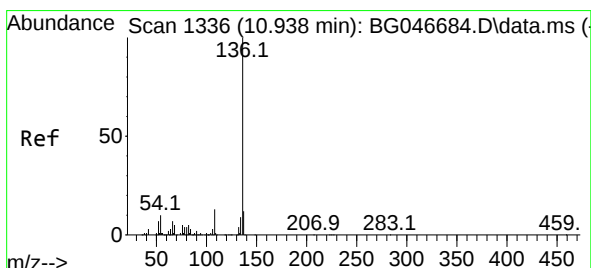
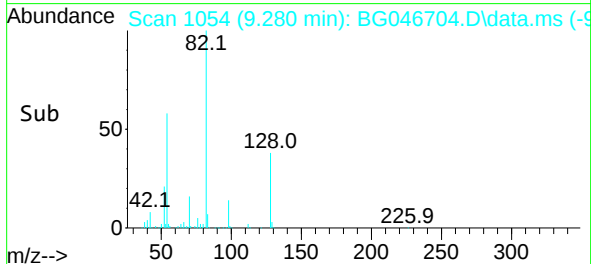
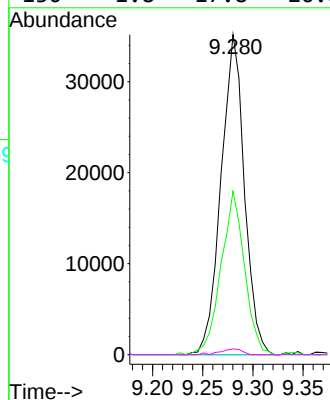


#19
n-Nitroso-di-n-propylamine
Concen: 13.49 ng
RT: 9.280 min Scan# 1054
Delta R.T. 0.352 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Instrument :
BNA_G
ClientSampled :
DRUM-1-5

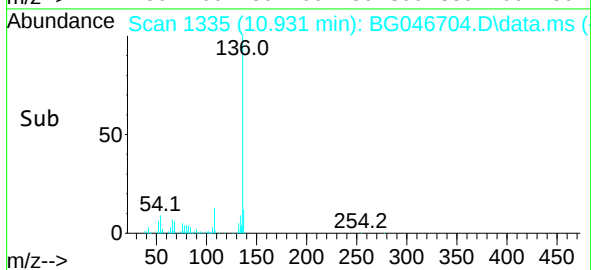
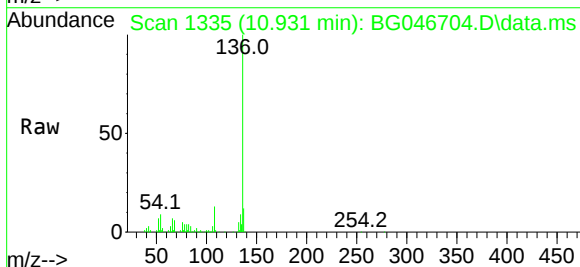
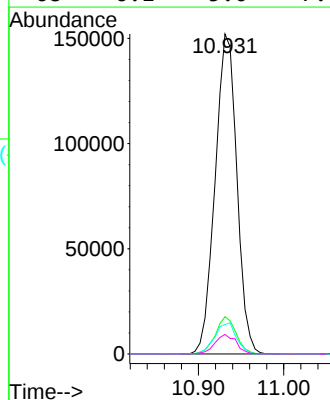


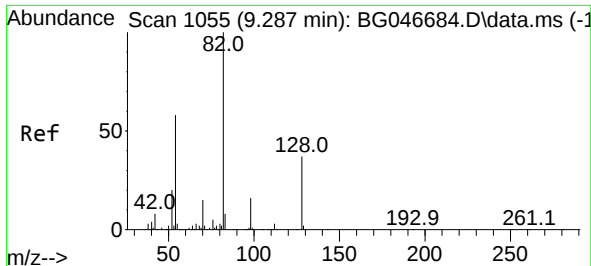
Tgt Ion: 70 Resp: 56811
Ion Ratio Lower Upper
70 100
42 51.1 45.6 68.4
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1335
Delta R.T. -0.007 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:136 Resp: 269516
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 9.2 6.2 9.4
68 6.1 5.0 7.4

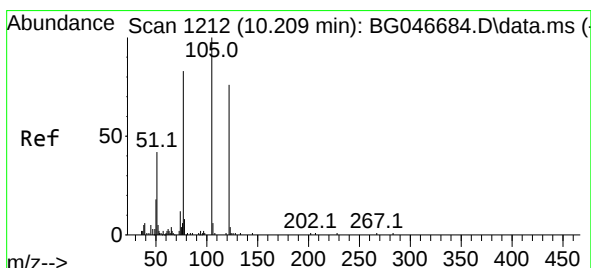
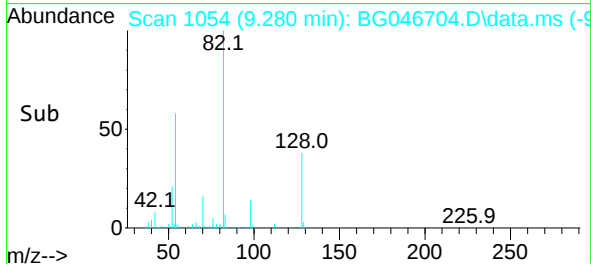
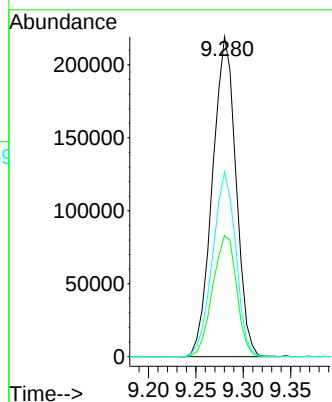
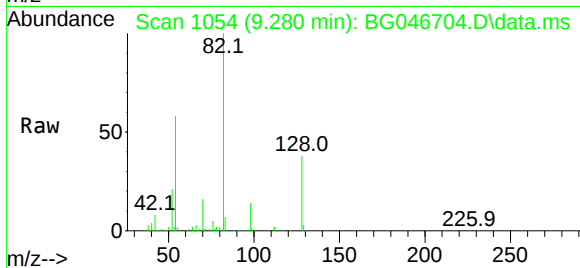




#23
Nitrobenzene-d5
Concen: 74.85 ng
RT: 9.280 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

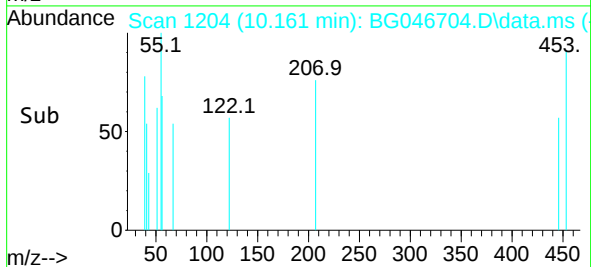
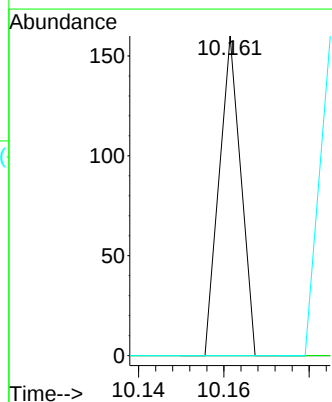
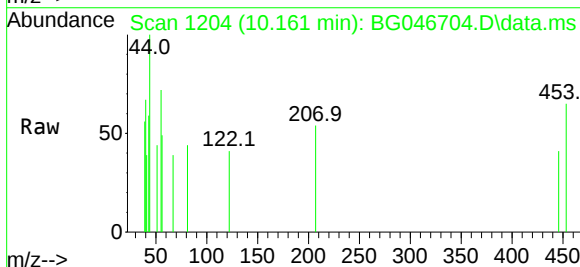
Instrument :
BNA_G
ClientSampleId :
DRUM-1-5

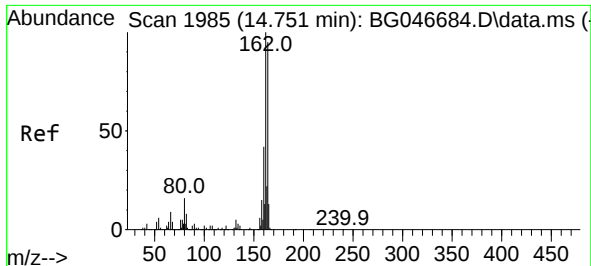
Tgt Ion: 82 Resp: 379198
Ion Ratio Lower Upper
82 100
128 37.9 37.0 55.6
54 57.8 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.161 min Scan# 1204
Delta R.T. -0.048 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

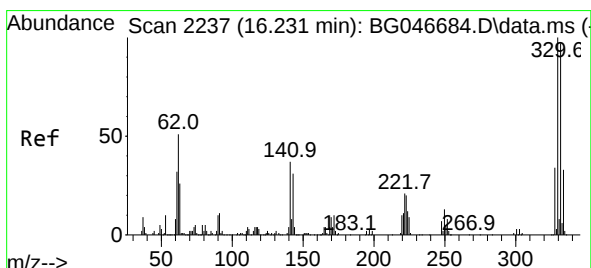
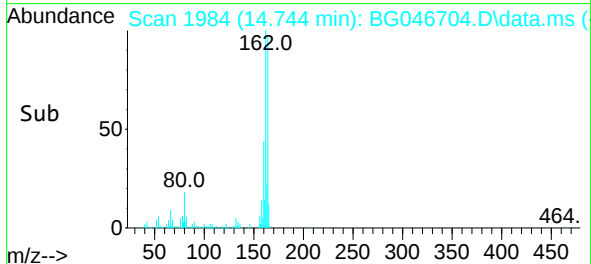
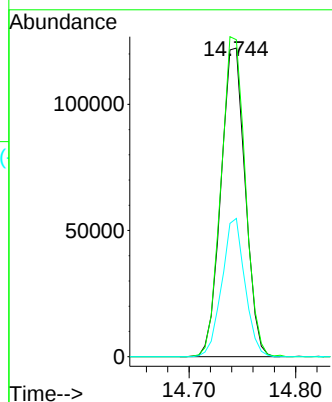
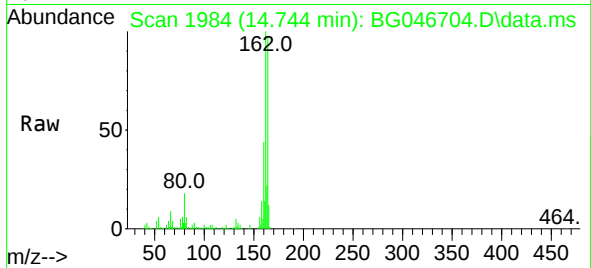




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

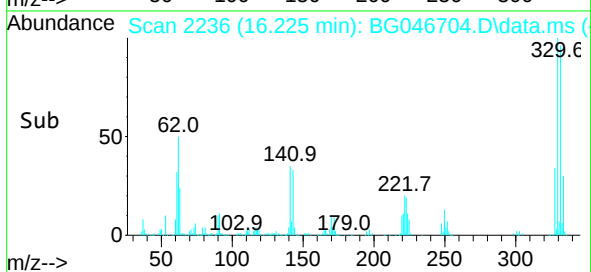
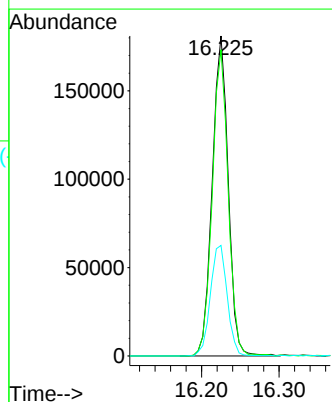
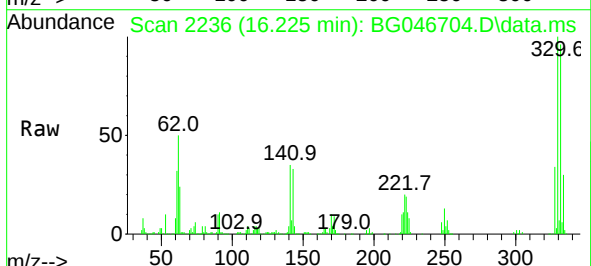
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ClientSampleId :
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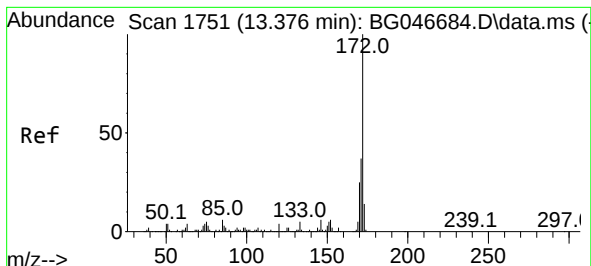
Tgt Ion:164 Resp: 193500
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 44.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 101.59 ng
RT: 16.225 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:330 Resp: 259198
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 36.4 26.0 39.0

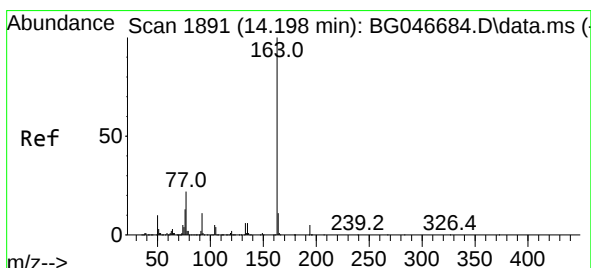
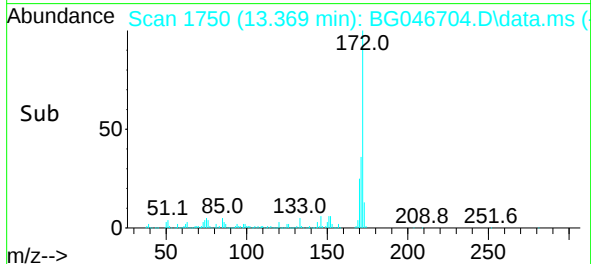
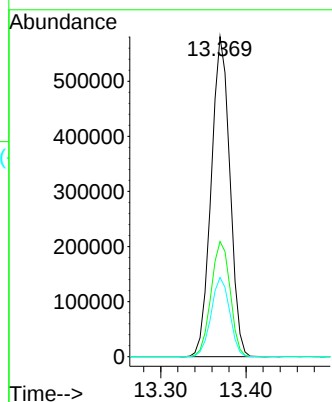
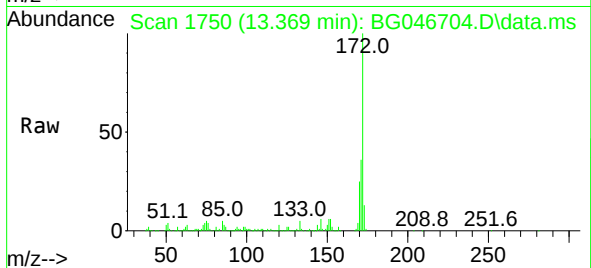




#45
2-Fluorobiphenyl
Concen: 64.66 ng
RT: 13.369 min Scan# 1750
Delta R.T. -0.007 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

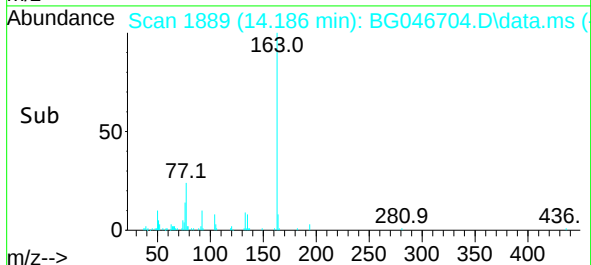
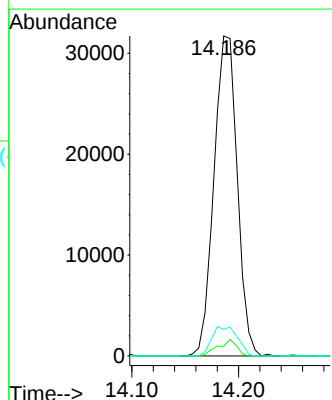
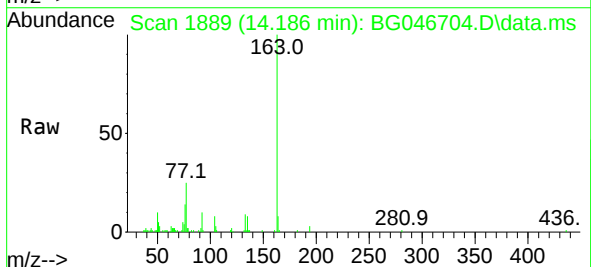
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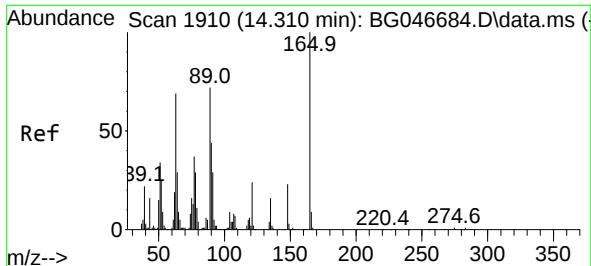
Tgt Ion:172 Resp: 883746
Ion Ratio Lower Upper
172 100
171 36.0 31.3 46.9
170 24.7 20.8 31.2



#50
Dimethylphthalate
Concen: 3.11 ng
RT: 14.186 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:163 Resp: 48074
Ion Ratio Lower Upper
163 100
194 3.0 3.8 5.8#
164 8.3 8.8 13.2#

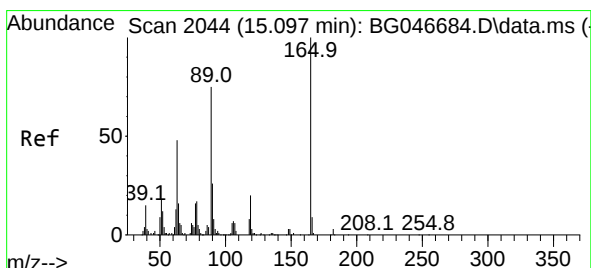
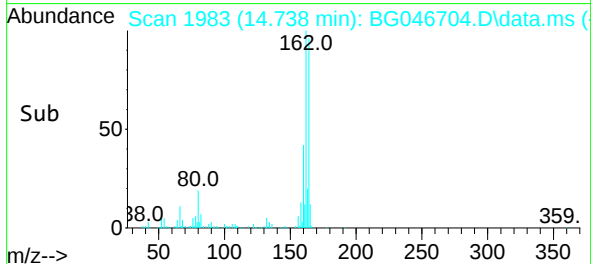
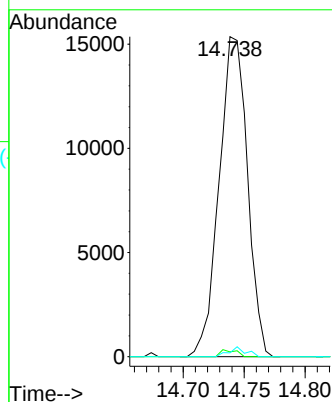
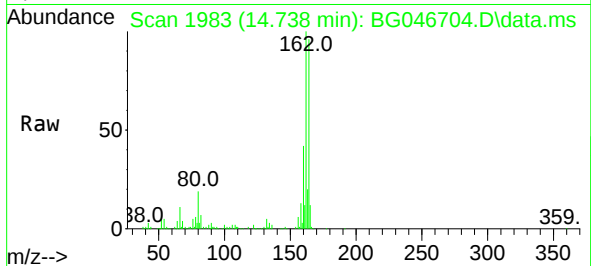




#51
2,6-Dinitrotoluene
Concen: 9.89 ng
RT: 14.738 min Scan# 1983
Delta R.T. 0.428 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

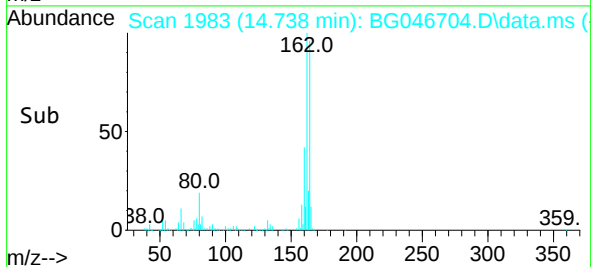
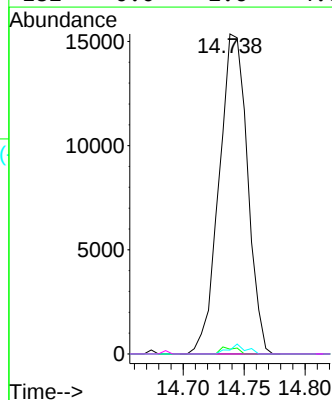
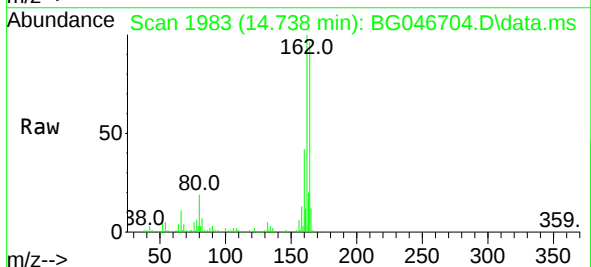
Instrument :
BNA_G
ClientSampled :
DRUM-1-5

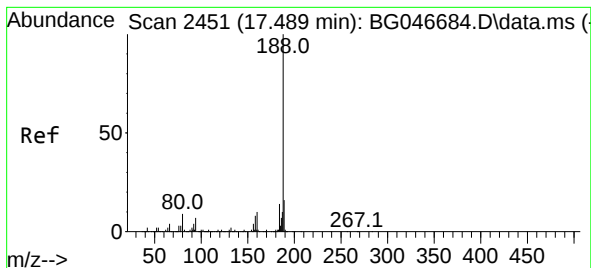
Tgt Ion:165 Resp: 24830
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 1.2 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.47 ng
RT: 14.738 min Scan# 1983
Delta R.T. -0.359 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:165 Resp: 24830
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 1.2 47.8 71.8#
182 0.0 2.6 4.0#

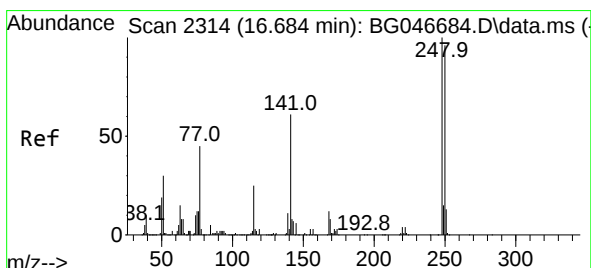
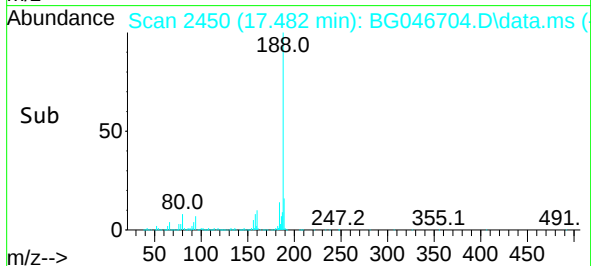
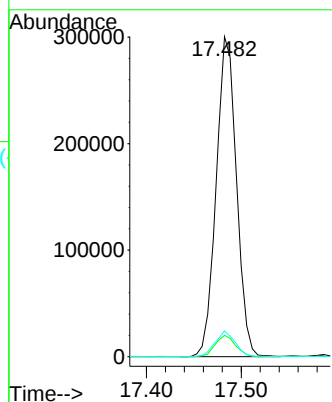
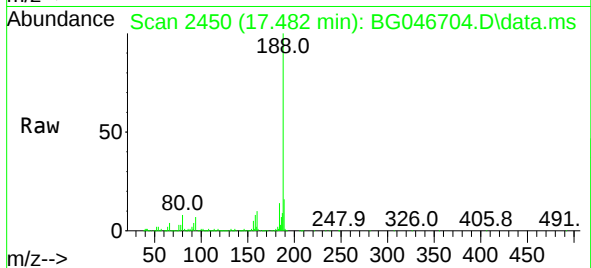




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.482 min Scan# 2450
Delta R.T. -0.007 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

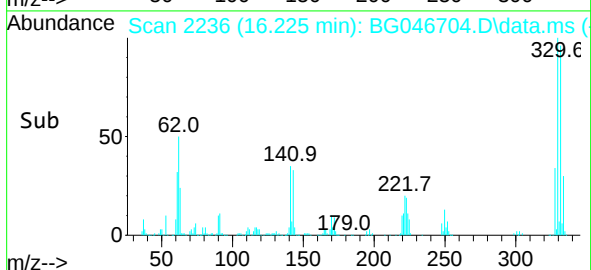
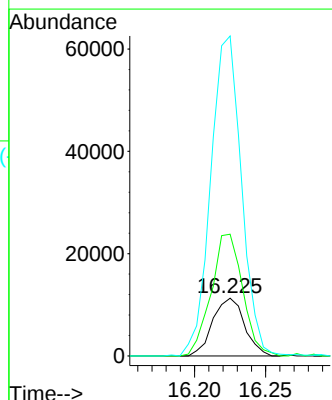
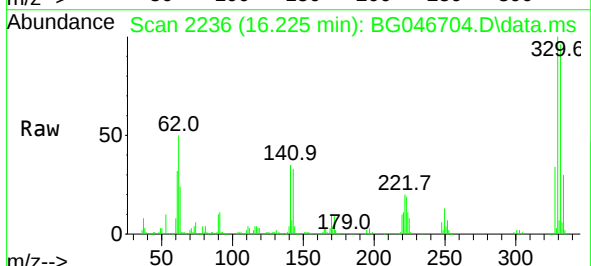
Instrument :
BNA_G
ClientSampleId :
DRUM-1-5

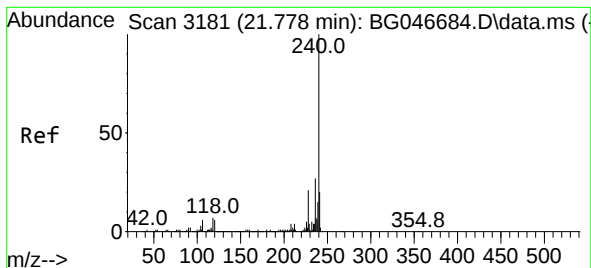
Tgt Ion:188 Resp: 447033
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 8.0 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 16.225 min Scan# 2236
Delta R.T. -0.459 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:248 Resp: 17556
Ion Ratio Lower Upper
248 100
250 198.5 78.9 118.3#
141 404.7 46.2 69.4#

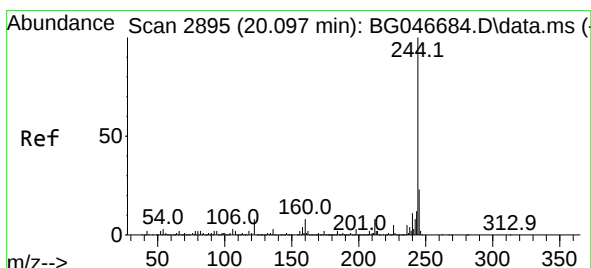
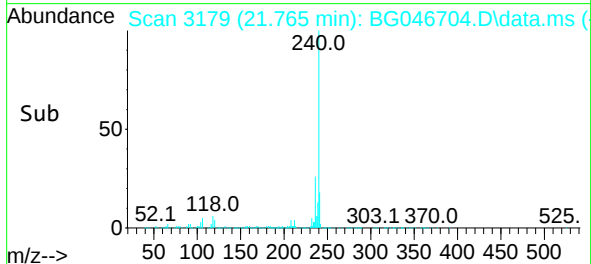
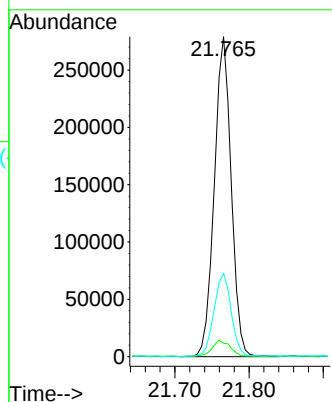
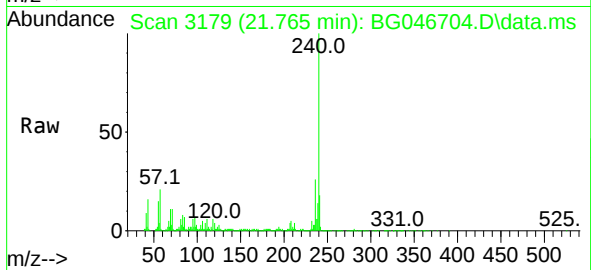




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3179
Delta R.T. -0.013 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

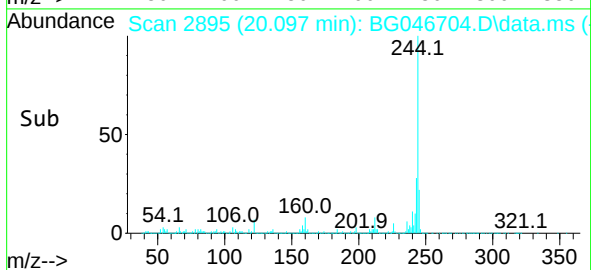
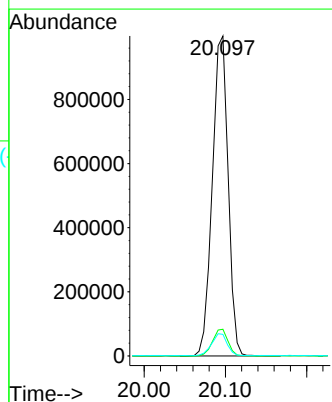
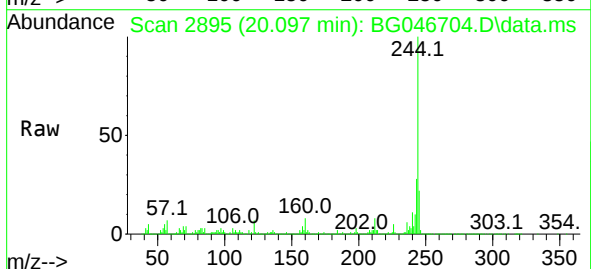
Instrument :
BNA_G
ClientSampleId :
DRUM-1-5

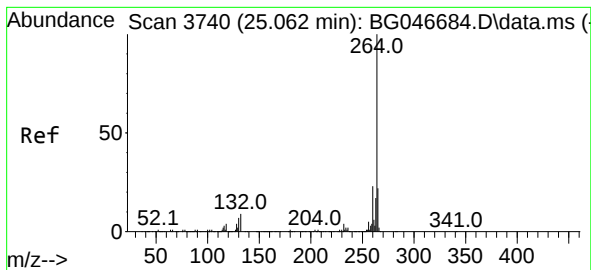
Tgt Ion:240 Resp: 440896
Ion Ratio Lower Upper
240 100
120 4.2 6.2 9.4#
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 61.19 ng
RT: 20.097 min Scan# 2895
Delta R.T. -0.000 min
Lab File: BG046704.D
Acq: 25 Sep 2020 16:28

Tgt Ion:244 Resp: 1346073
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.8 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.050 min Scan# 3738
 Delta R.T. -0.012 min
 Lab File: BG046704.D
 Acq: 25 Sep 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-5

Tgt Ion:264	Resp:	458379
Ion	Ratio	Lower Upper
264	100	
260	23.1	18.8 28.2
265	22.4	17.8 26.8

