

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046820.D
 Acq On : 8 Oct 2020 18:08
 Operator : CG/JU
 Sample : L4293-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-17-MW-4

Quant Time: Oct 09 01:11:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

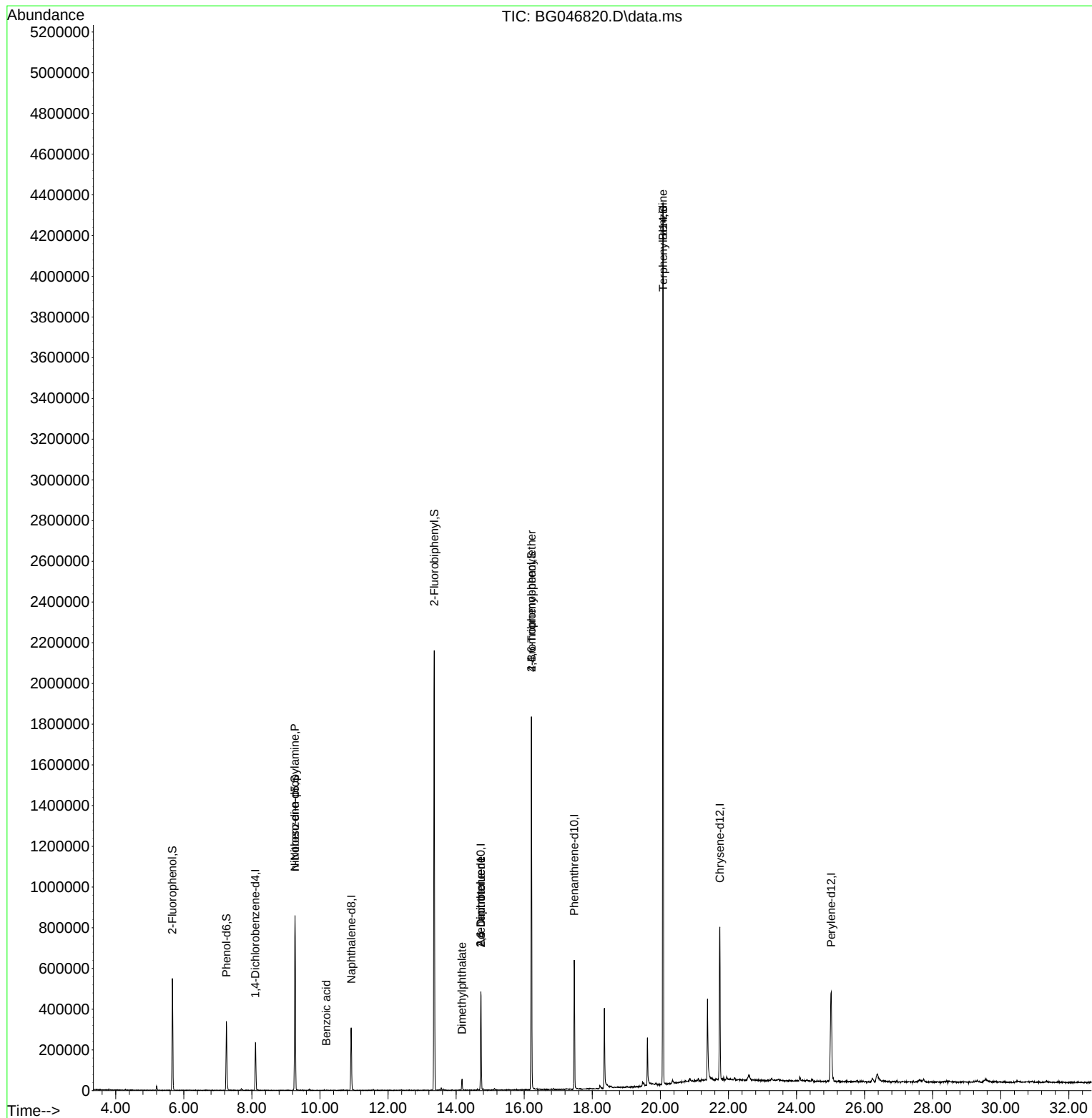
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	65200	20.00	ng	# 0.00
21) Naphthalene-d8	10.919	136	254079	20.00	ng	# 0.00
39) Acenaphthene-d10	14.727	164	171406	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	413085	20.00	ng	0.00
76) Chrysene-d12	21.748	240	487745	20.00	ng	# 0.00
86) Perylene-d12	25.021	264	525021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	227385	55.87	ng	0.00
7) Phenol-d6	7.253	99	180159	31.38	ng	0.00
23) Nitrobenzene-d5	9.268	82	505931	105.93	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	346817	153.45	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	1094399	90.39	ng	0.00
79) Terphenyl-d14	20.079	244	1890163	77.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.230	77	309	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.268	70	73843	18.76	ng	# 80
32) Benzoic acid	10.185	122	56	6.36	ng	# 1
50) Dimethylphthalate	14.174	163	33727	2.46	ng	95
51) 2,6-Dinitrotoluene	14.727	165	22668	10.19	ng	# 35
57) 2,4-Dinitrotoluene	14.727	165	22668	7.69	ng	# 33
67) 4-Bromophenyl-phenylether	16.213	248	24558	4.71	ng	# 1
77) Benzidine	20.073	184	34644	2.30	ng	# 95

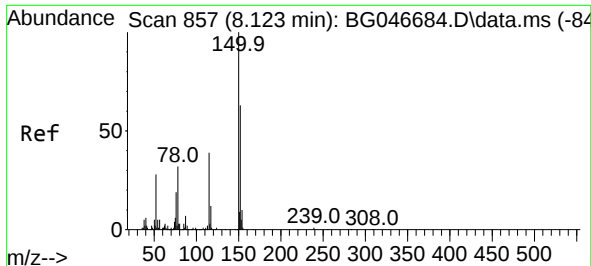
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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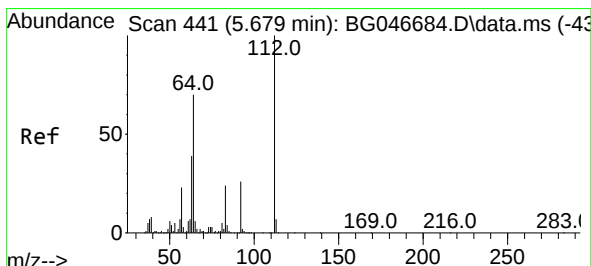
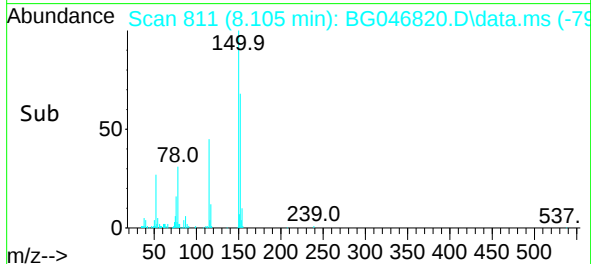
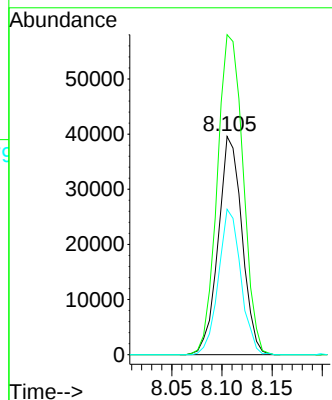
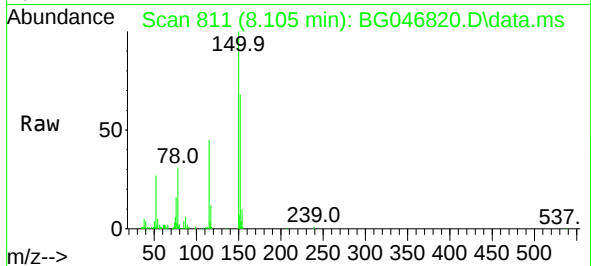




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

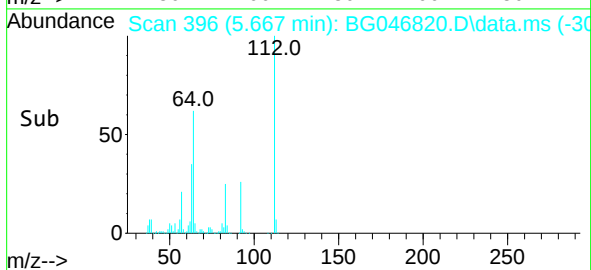
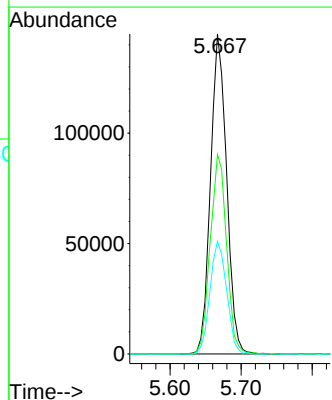
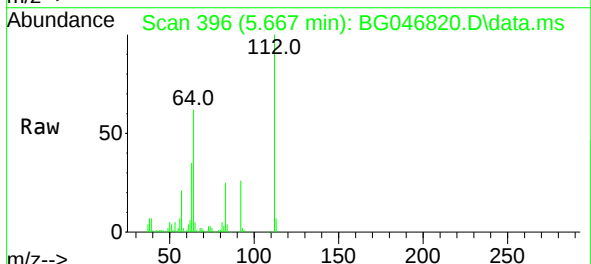
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BNA_G
ClientSampleId :
B-17-MW-4

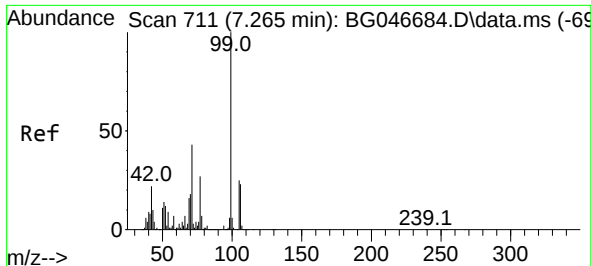
Tgt Ion:152 Resp: 65200
Ion Ratio Lower Upper
152 100
150 146.6 125.0 187.6
115 66.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 55.87 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion:112 Resp: 227385
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 35.3 22.8 34.2#

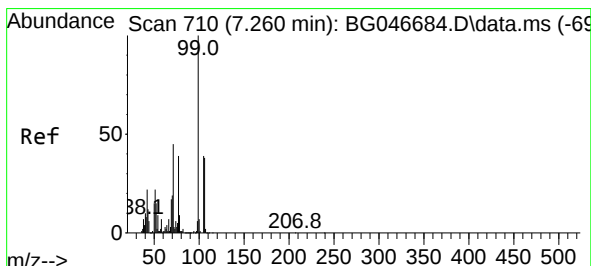
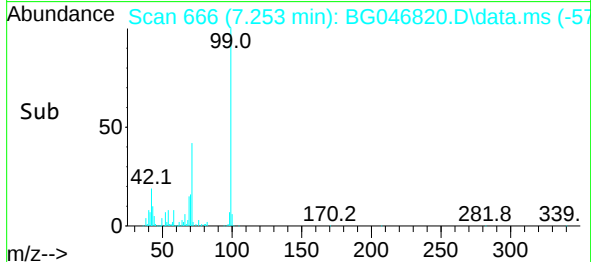
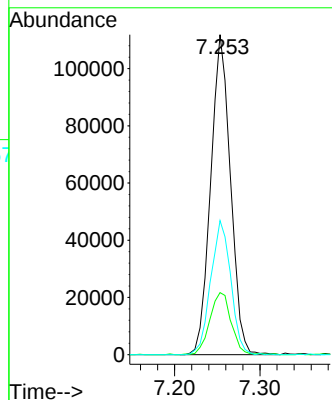
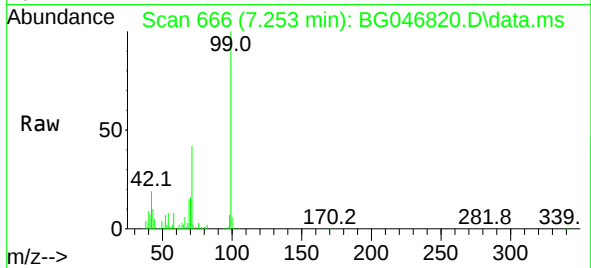




#7
Phenol-d6
Concen: 31.38 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

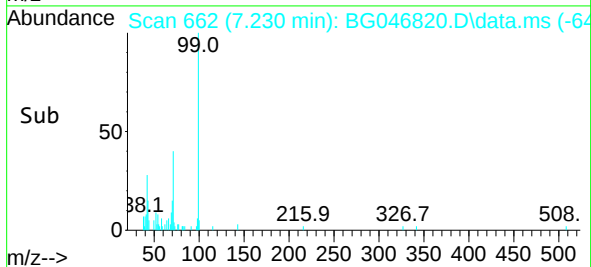
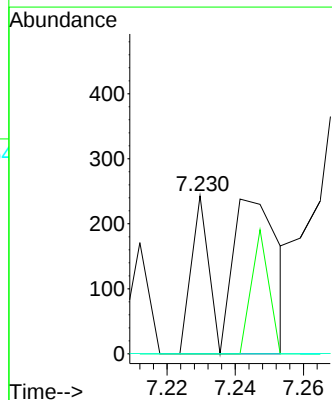
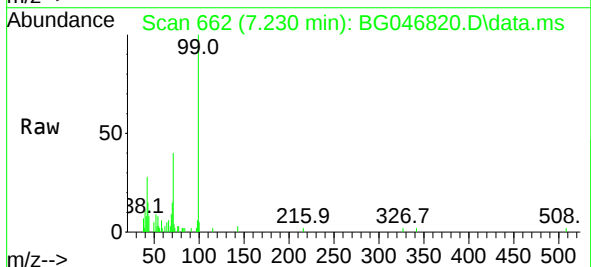
Instrument :
BNA_G
ClientSampleId :
B-17-MW-4

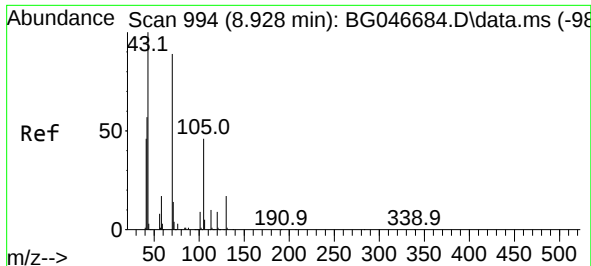
Tgt Ion: 99 Resp: 180159
Ion Ratio Lower Upper
99 100
42 19.4 12.8 19.2#
71 41.9 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.230 min Scan# 662
Delta R.T. -0.014 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion: 77 Resp: 309
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

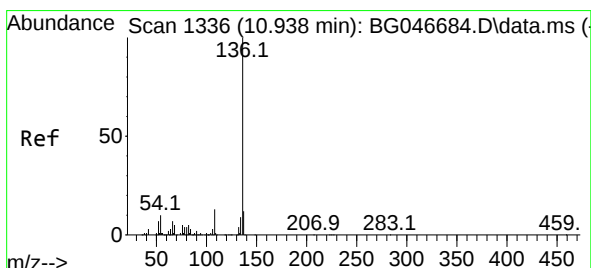
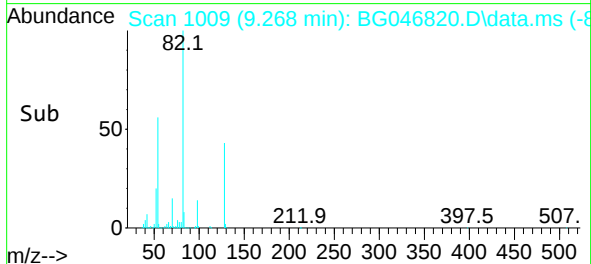
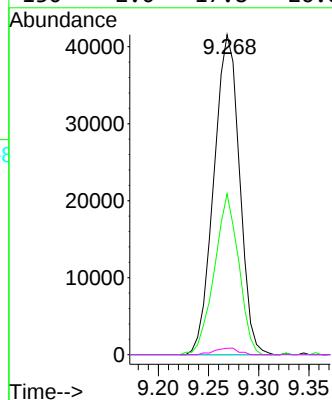
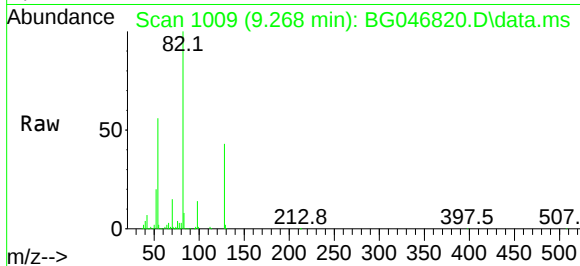




#19
n-Nitroso-di-n-propylamine
Concen: 18.76 ng
RT: 9.268 min Scan# 1009
Delta R.T. 0.356 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

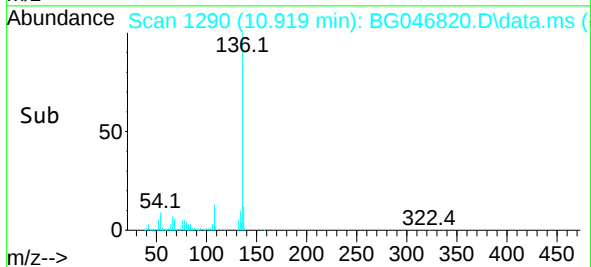
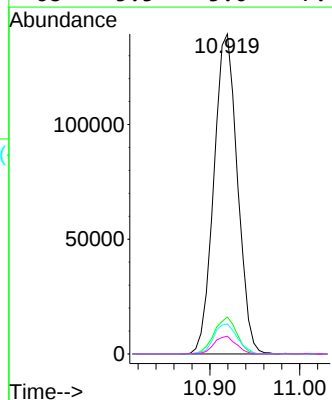
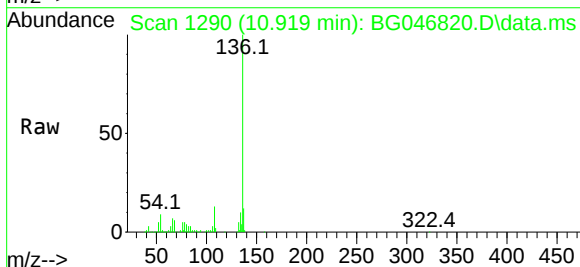
Instrument :
BNA_G
ClientSampleId :
B-17-MW-4

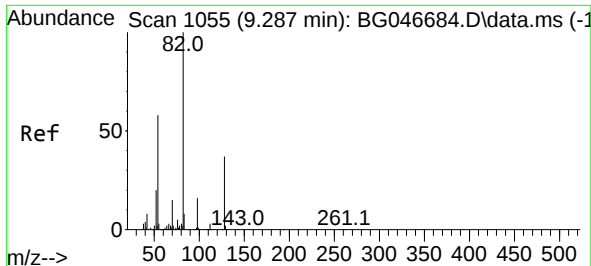
Tgt Ion:	70	Resp:	73843
Ion	Ratio	Lower	Upper
70	100		
42	50.2	45.6	68.4
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion:	136	Resp:	254079
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.4	6.2	9.4#
68	5.5	5.0	7.4

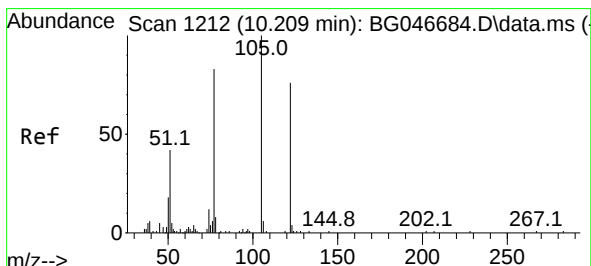
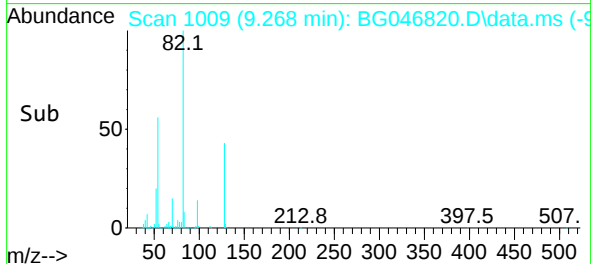
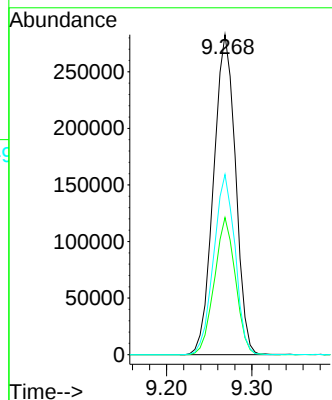
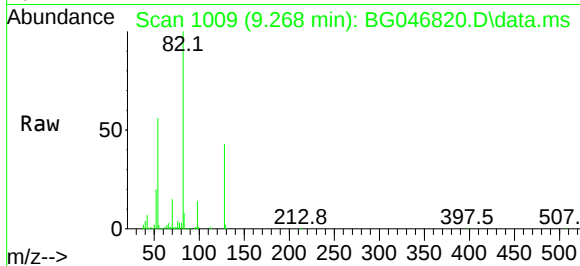




#23
Nitrobenzene-d5
Concen: 105.93 ng
RT: 9.268 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

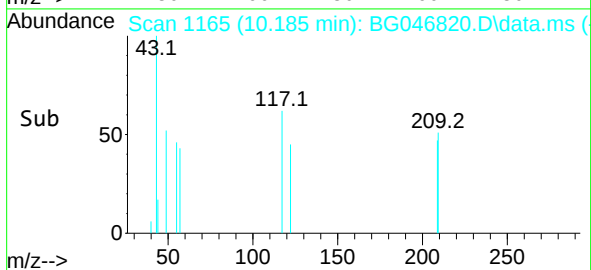
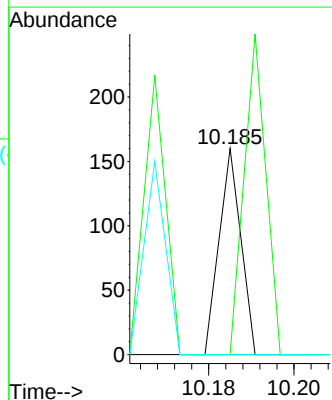
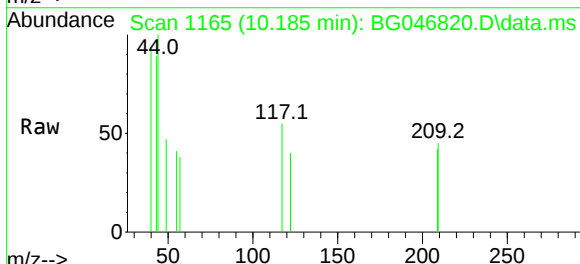
Instrument :
BNA_G
ClientSampleId :
B-17-MW-4

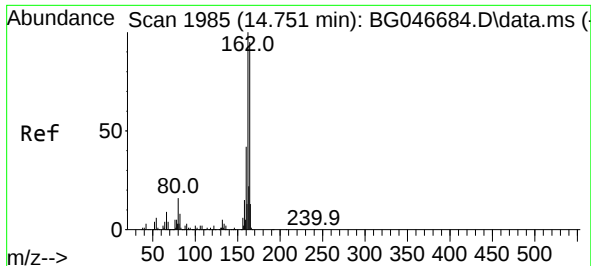
Tgt Ion: 82 Resp: 505931
Ion Ratio Lower Upper
82 100
128 42.8 37.0 55.6
54 56.3 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.185 min Scan# 1165
Delta R.T. -0.009 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

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#

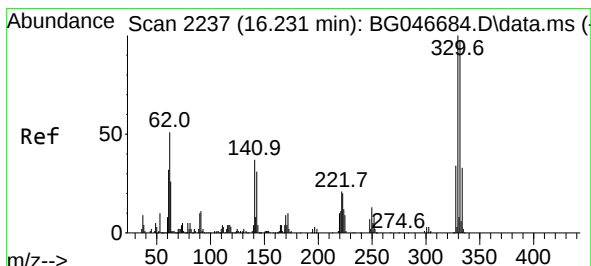
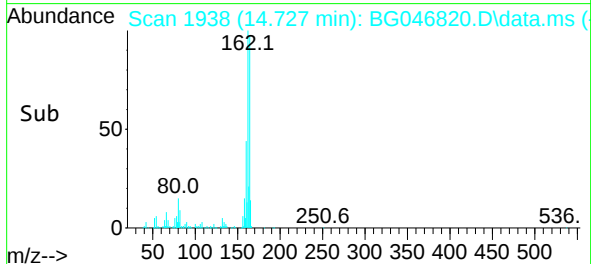
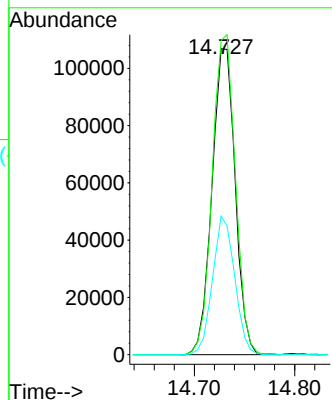
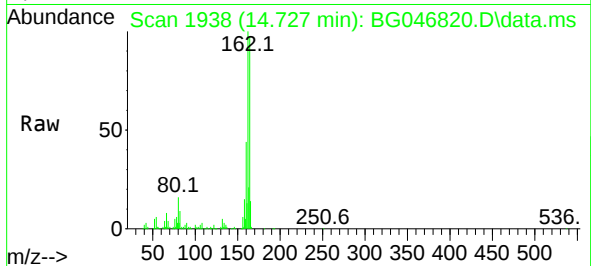




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

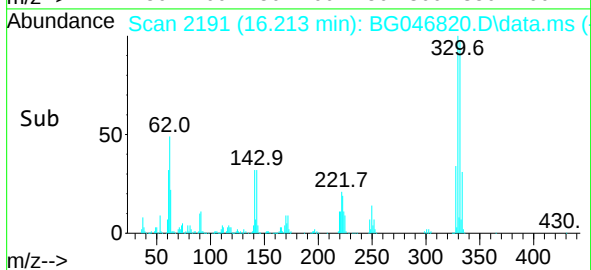
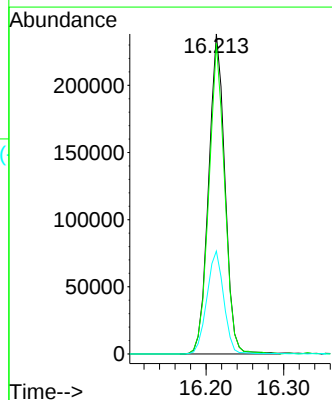
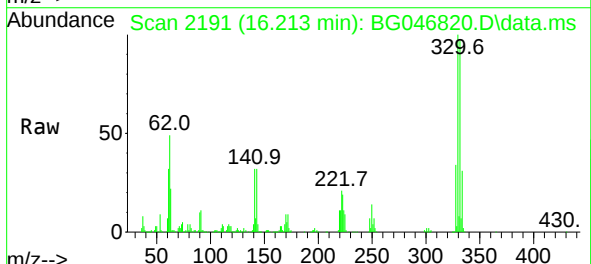
Instrument :
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B-17-MW-4

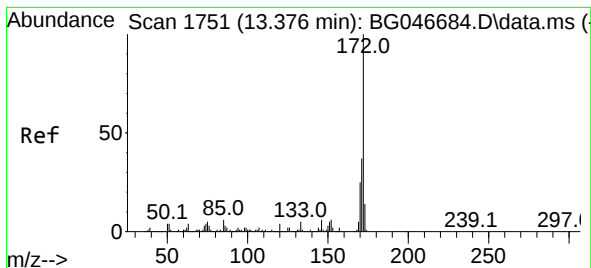
Tgt Ion:164 Resp: 171406
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 45.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 153.45 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion:330 Resp: 346817
Ion Ratio Lower Upper
330 100
332 94.2 76.5 114.7
141 33.3 26.0 39.0

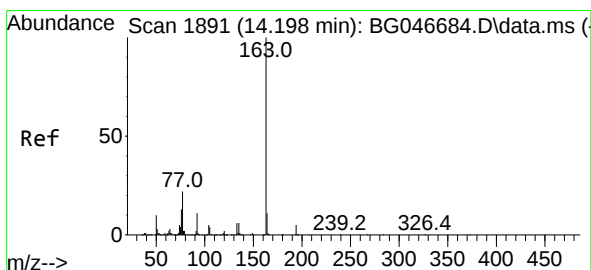
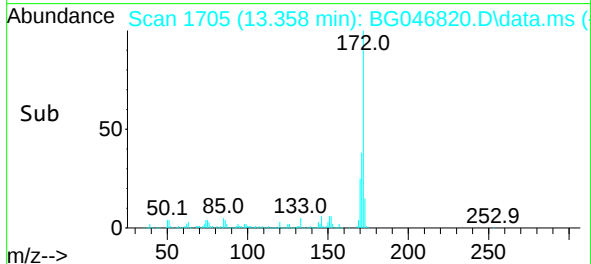
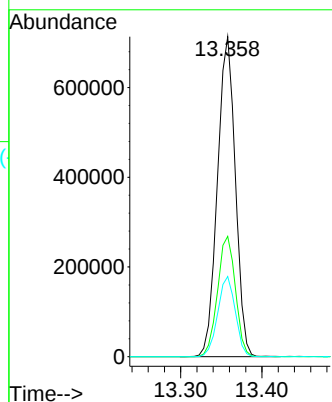
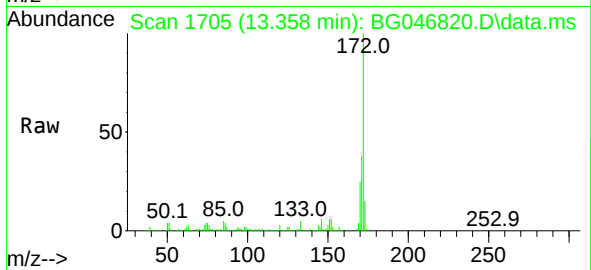




#45
2-Fluorobiphenyl
Concen: 90.39 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

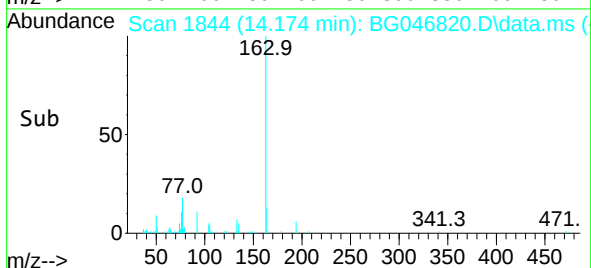
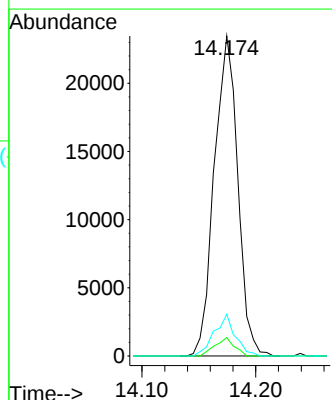
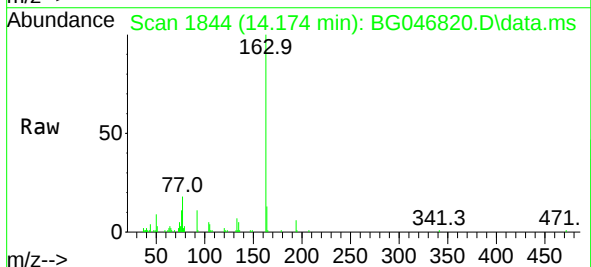
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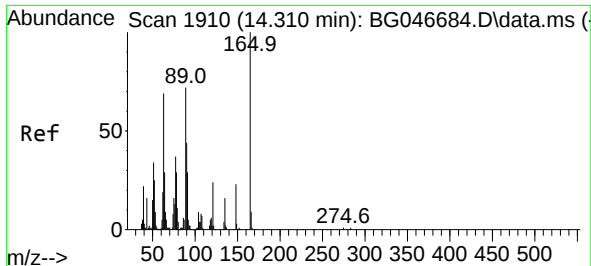
Tgt Ion:172 Resp: 1094399
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 25.1 20.8 31.2



#50
Dimethylphthalate
Concen: 2.46 ng
RT: 14.174 min Scan# 1844
Delta R.T. -0.009 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion:163 Resp: 33727
Ion Ratio Lower Upper
163 100
194 5.8 3.8 5.8
164 13.1 8.8 13.2

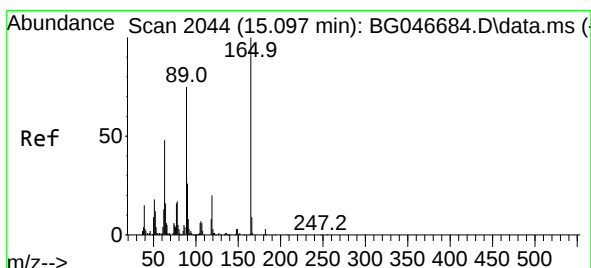
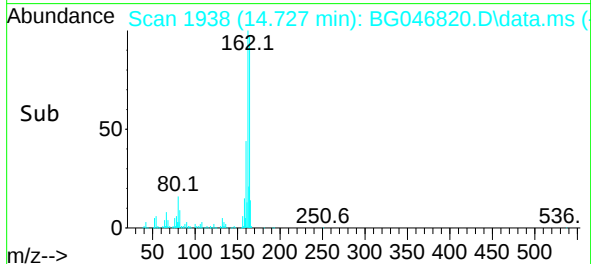
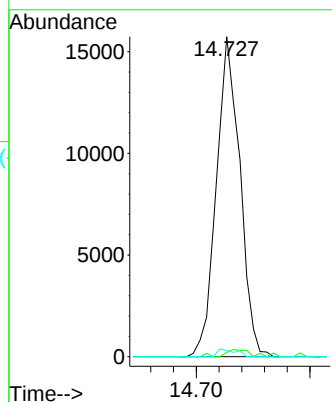
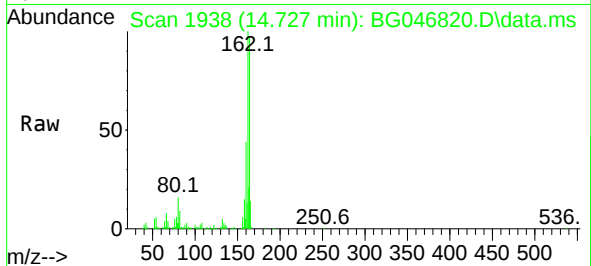




#51
2,6-Dinitrotoluene
Concen: 10.19 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.426 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

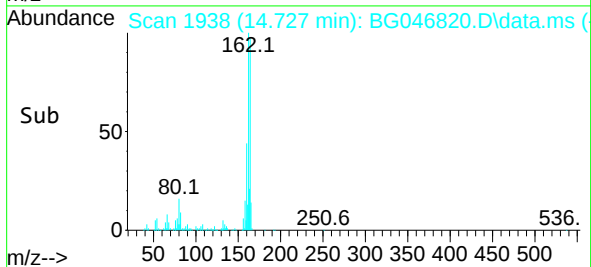
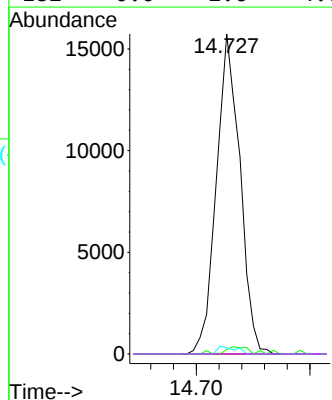
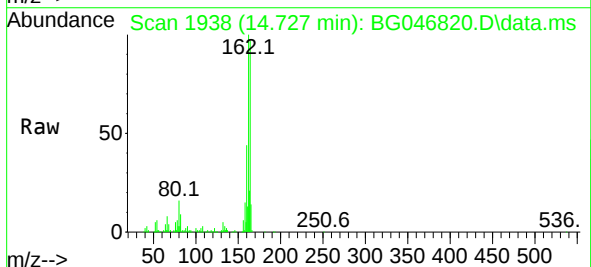
Instrument :
BNA_G
ClientSampleId :
B-17-MW-4

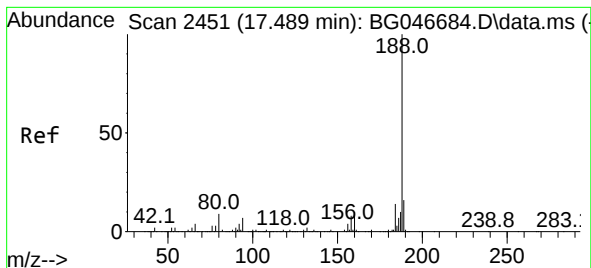
Tgt Ion:165 Resp: 22668
Ion Ratio Lower Upper
165 100
63 1.4 33.7 50.5#
89 1.9 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.69 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion:165 Resp: 22668
Ion Ratio Lower Upper
165 100
63 1.4 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#

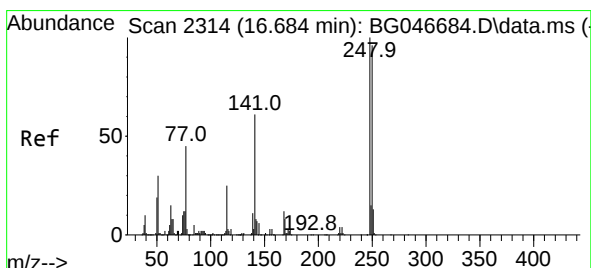
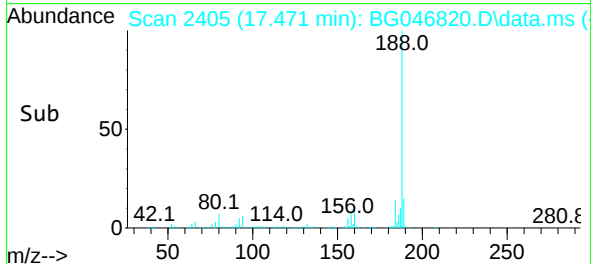
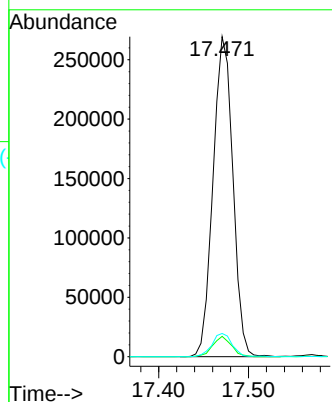
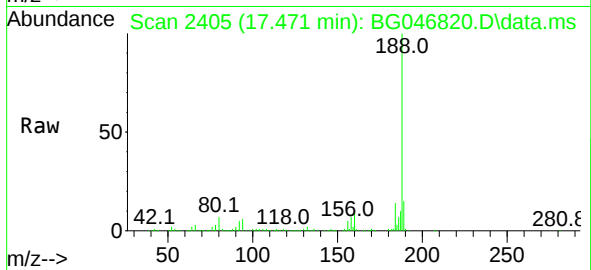




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

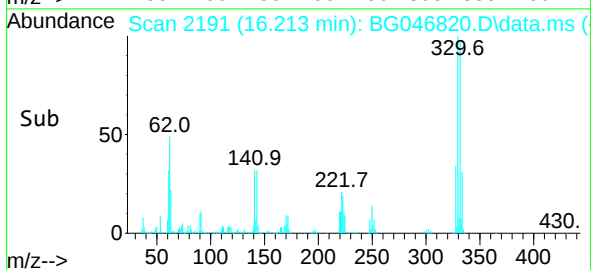
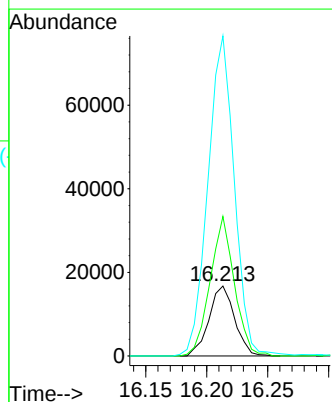
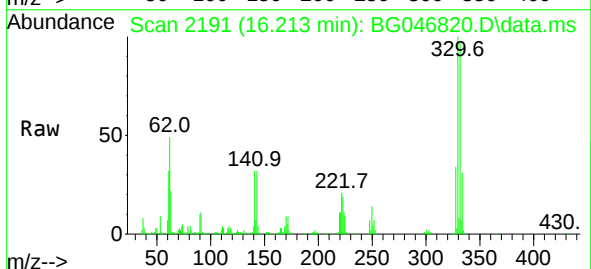
Instrument :
BNA_G
ClientSampleId :
B-17-MW-4

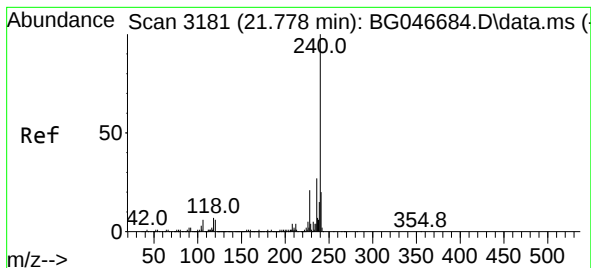
Tgt Ion:188 Resp: 413085
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion:248 Resp: 24558
Ion Ratio Lower Upper
248 100
250 199.9 78.9 118.3#
141 357.7 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.748 min Scan# 3133

Delta R.T. -0.009 min

Lab File: BG046820.D

Acq: 8 Oct 2020 18:08

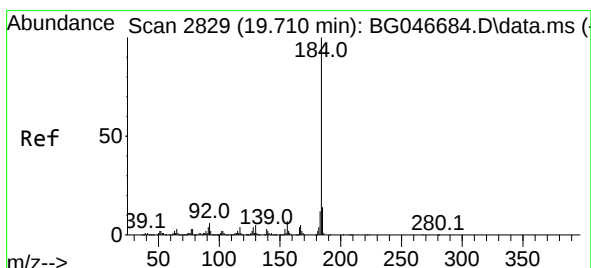
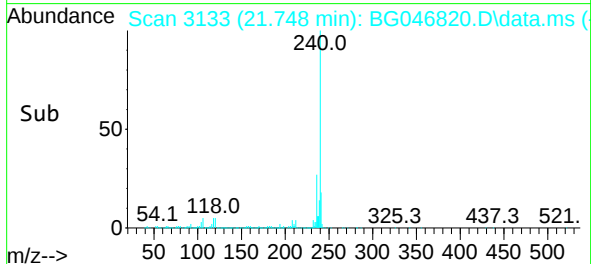
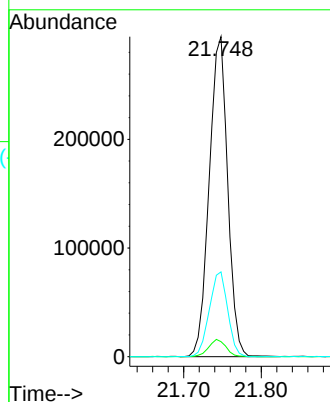
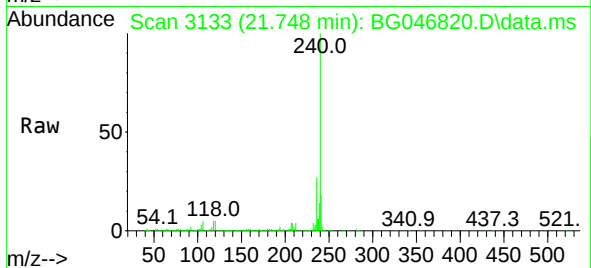
Instrument :

BNA_G

ClientSampleId :

B-17-MW-4

Tgt Ion:240 Resp: 487745
 Ion Ratio Lower Upper
 240 100
 120 4.7 6.2 9.4#
 236 26.5 20.5 30.7



#77

Benzidine

Concen: 2.30 ng

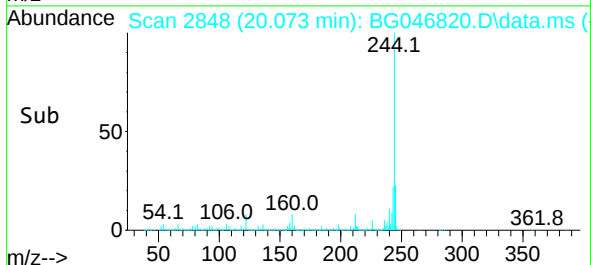
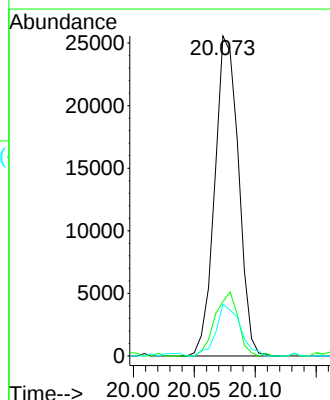
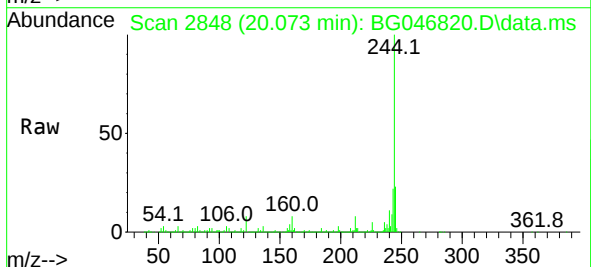
RT: 20.073 min Scan# 2848

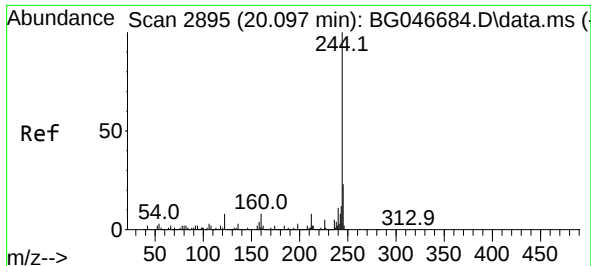
Delta R.T. 0.373 min

Lab File: BG046820.D

Acq: 8 Oct 2020 18:08

Tgt Ion:184 Resp: 34644
 Ion Ratio Lower Upper
 184 100
 185 17.0 12.4 18.6
 183 16.1 10.6 15.8#

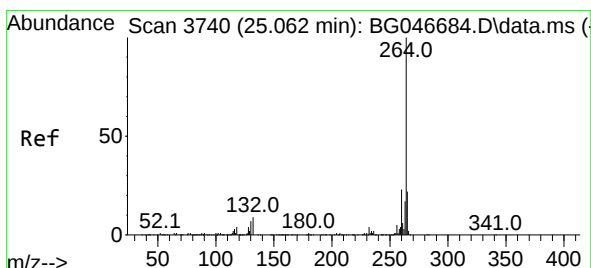
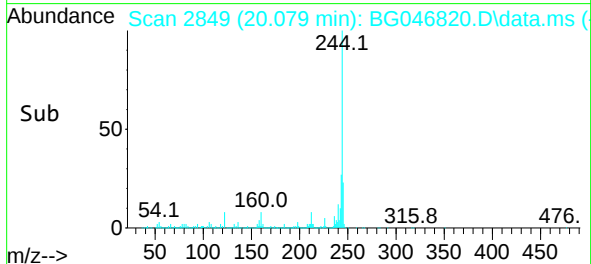
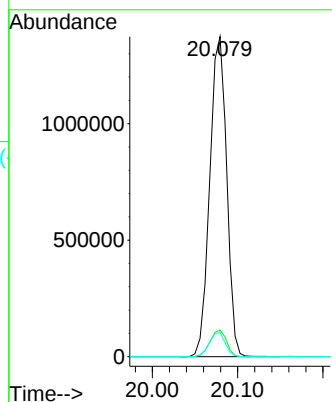
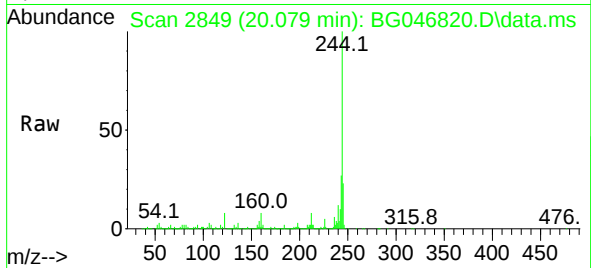




#79
Terphenyl-d14
Concen: 77.67 ng
RT: 20.079 min Scan# 2849
Delta R.T. -0.003 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Instrument :
BNA_G
ClientSampleId :
B-17-MW-4

Tgt Ion:244 Resp: 1890163
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 7.6 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.021 min Scan# 3690
Delta R.T. -0.009 min
Lab File: BG046820.D
Acq: 8 Oct 2020 18:08

Tgt Ion:264 Resp: 525021
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 19.7 17.8 26.8

