

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046814.D
 Acq On : 8 Oct 2020 14:06
 Operator : CG/JU
 Sample : L4293-01
 Misc : 8270 SPIKE 50/100ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2-MW-1

Quant Time: Oct 08 15:07:12 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)

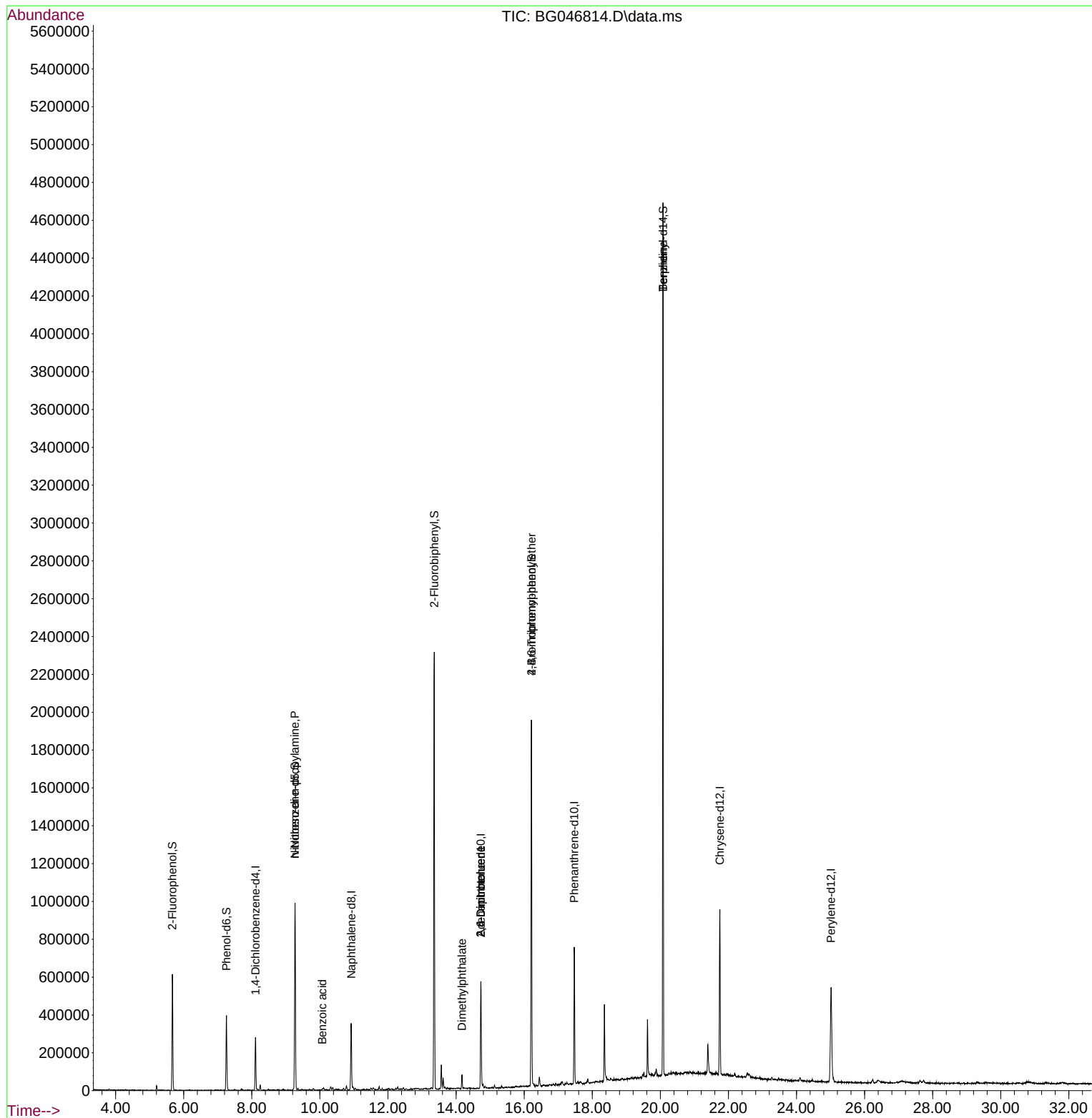
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	76192	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	294538	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	201949	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	457299	20.00	ng	# 0.00
76) Chrysene-d12	21.749	240	539930	20.00	ng	# 0.00
86) Perylene-d12	25.015	264	566182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	259842	54.63	ng	0.00
7) Phenol-d6	7.254	99	210102	31.32	ng	0.00
23) Nitrobenzene-d5	9.269	82	573732	103.63	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	381424	143.24	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	1216739	85.30	ng	0.00
79) Terphenyl-d14	20.080	244	1948816	72.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.248	77	356	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.269	70	85297	18.54	ng	# 77
32) Benzoic acid	10.068	122	3687	7.39	ng	# 8
50) Dimethylphthalate	14.175	163	47279	2.93	ng	99
51) 2,6-Dinitrotoluene	14.727	165	26324	10.04	ng	# 36
57) 2,4-Dinitrotoluene	14.727	165	26324	7.58	ng	# 34
67) 4-Bromophenyl-phenylether	16.214	248	27181	4.70	ng	# 1
77) Benzidine	20.080	184	36152	2.17	ng	# 91

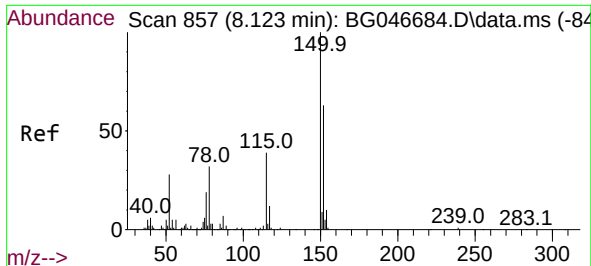
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
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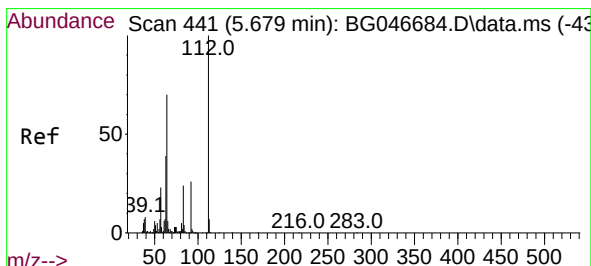
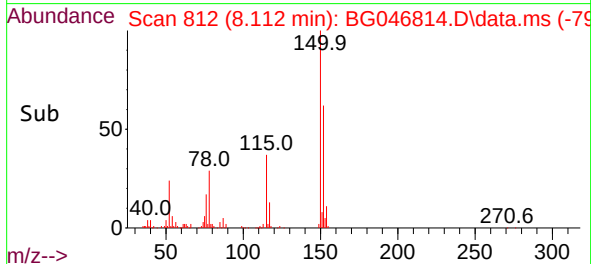
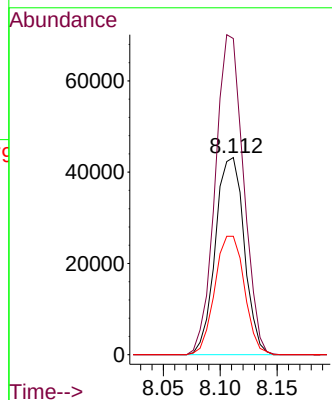
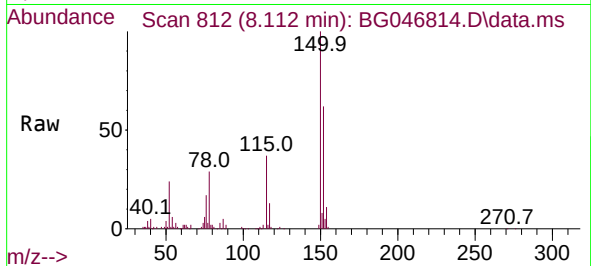




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.112 min Scan# 812
Delta R.T. 0.004 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

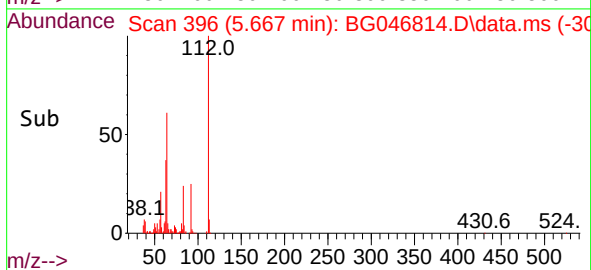
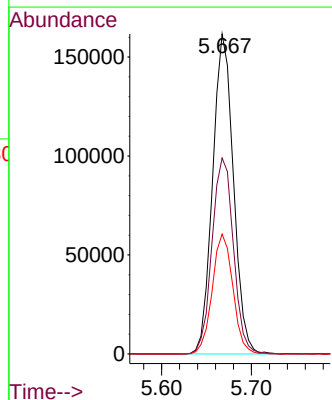
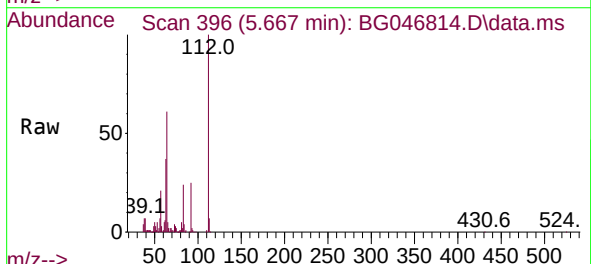
Instrument :
BNA_G
ClientSampleId :
B-2-MW-1

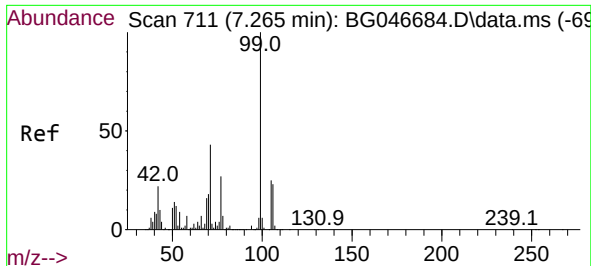
Tgt Ion:152 Resp: 76192
Ion Ratio Lower Upper
152 100
150 160.4 125.0 187.6
115 60.1 41.8 62.6



#5
2-Fluorophenol
Concen: 54.63 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion:112 Resp: 259842
Ion Ratio Lower Upper
112 100
64 61.3 46.7 70.1
63 37.5 22.8 34.2#

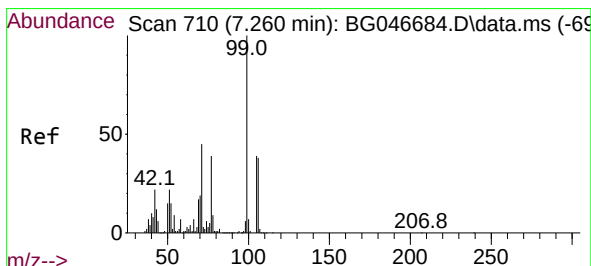
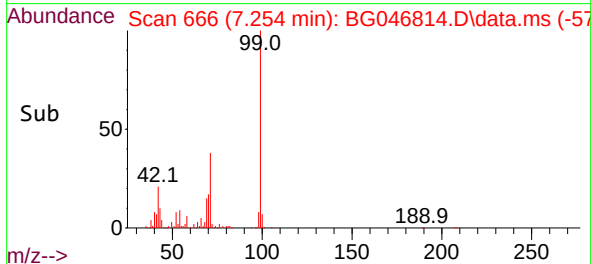
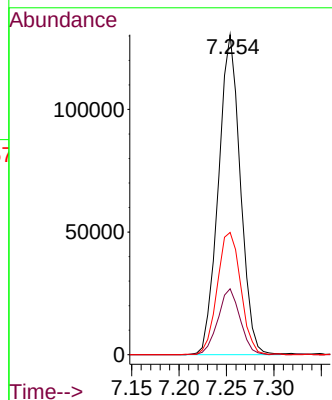
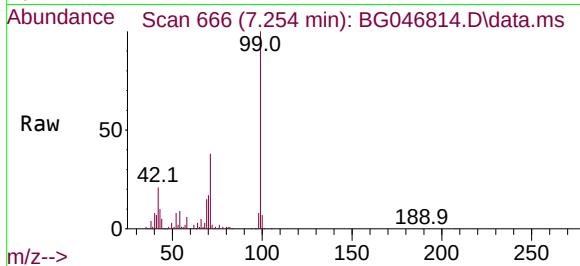




#7
Phenol-d6
Concen: 31.32 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

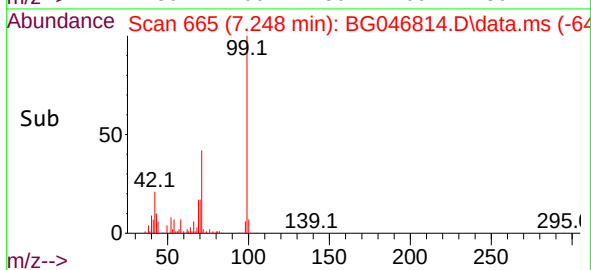
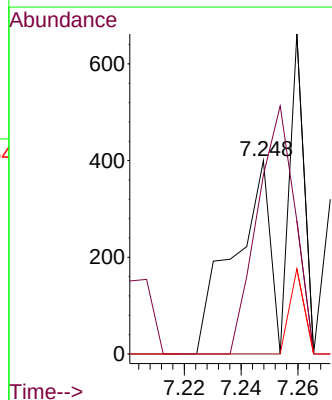
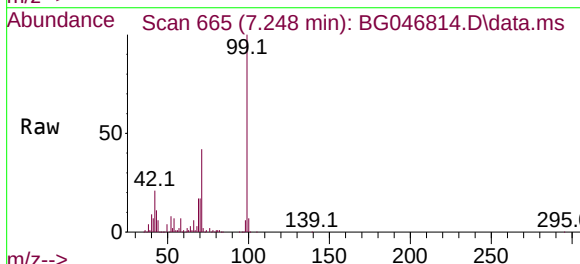
Instrument :
BNA_G
ClientSampleId :
B-2-MW-1

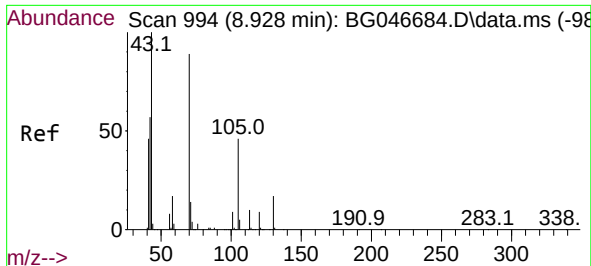
Tgt Ion: 99 Resp: 210102
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 38.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.248 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

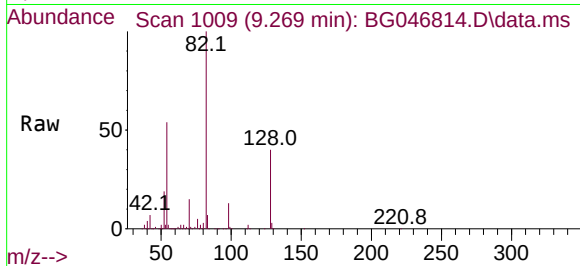
Tgt Ion: 77 Resp: 356
Ion Ratio Lower Upper
77 100
105 92.5 85.9 125.9
106 0.0 80.9 120.9#



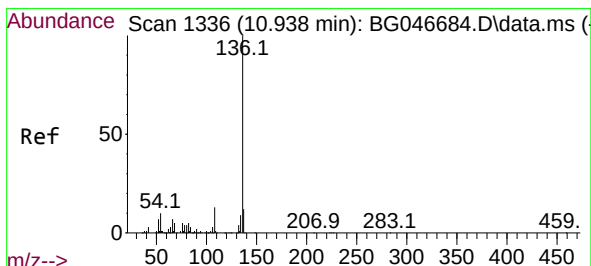
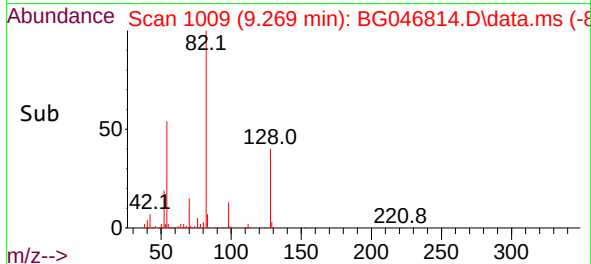
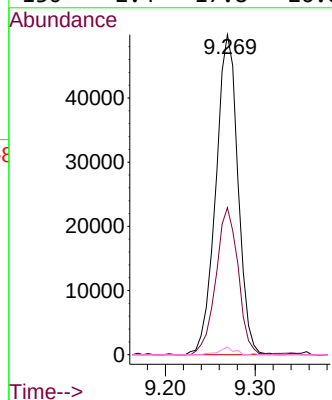


#19
n-Nitroso-di-n-propylamine
Concen: 18.54 ng
RT: 9.269 min Scan# 1009
Delta R.T. 0.356 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Instrument :
BNA_G
ClientSampleId :
B-2-MW-1

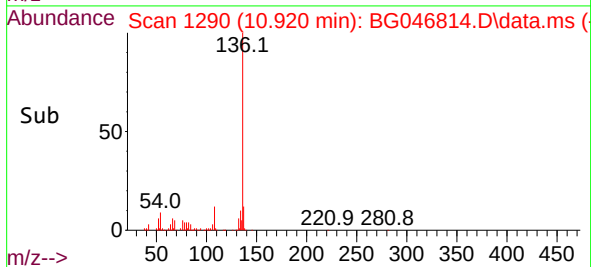
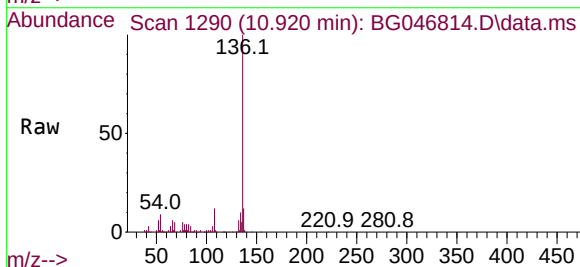
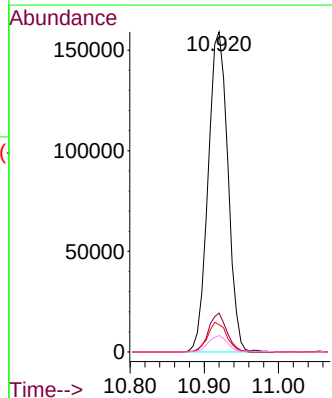


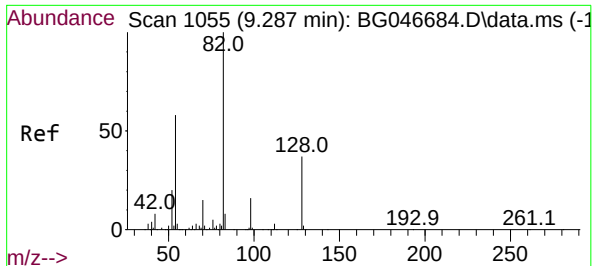
Tgt Ion:	70	Resp:	85297
Ion	Ratio	Lower	Upper
70	100		
42	45.9	45.6	68.4
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion:	136	Resp:	294538
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	8.5	6.2	9.4
68	5.1	5.0	7.4

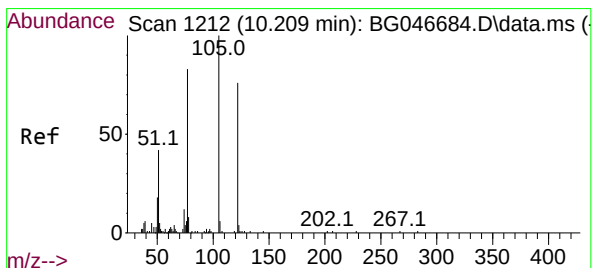
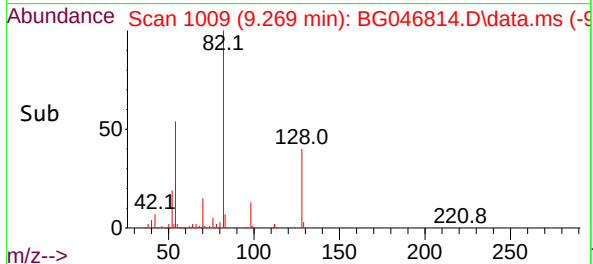
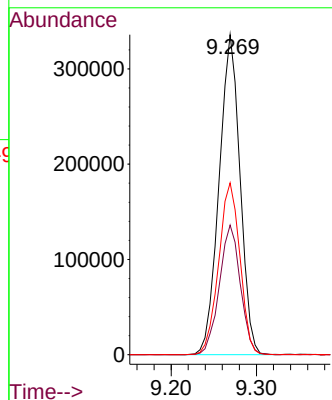
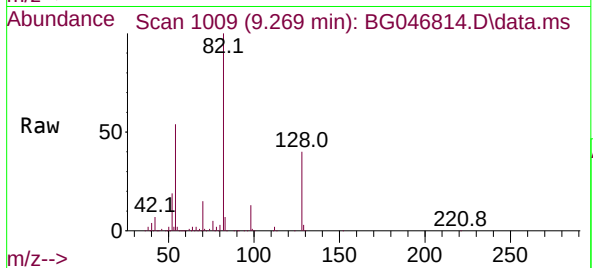




#23
Nitrobenzene-d5
Concen: 103.63 ng
RT: 9.269 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

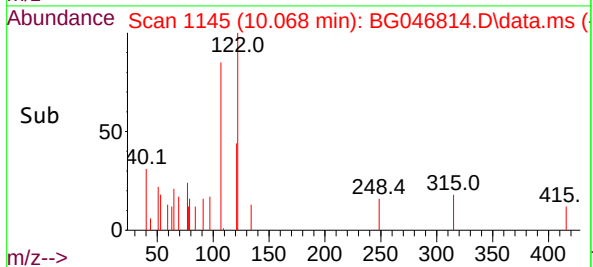
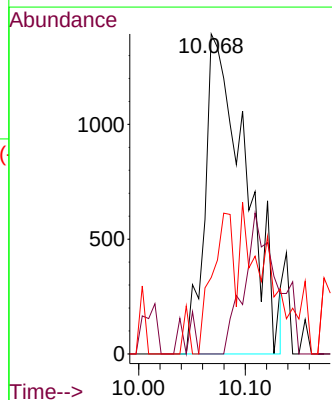
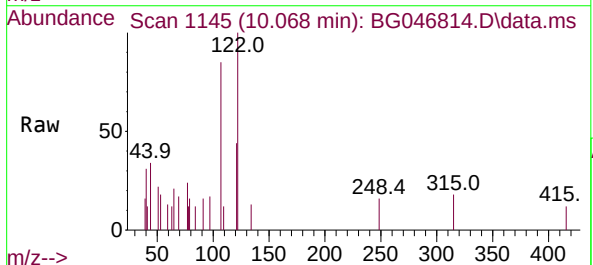
Instrument :
BNA_G
ClientSampleId :
B-2-MW-1

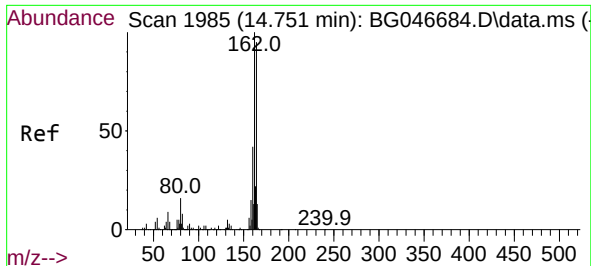
Tgt Ion: 82 Resp: 573732
Ion Ratio Lower Upper
82 100
128 40.5 37.0 55.6
54 53.7 39.0 58.4



#32
Benzoic acid
Concen: 7.39 ng
RT: 10.068 min Scan# 1145
Delta R.T. -0.126 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion: 122 Resp: 3687
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 23.9 63.0 103.0#

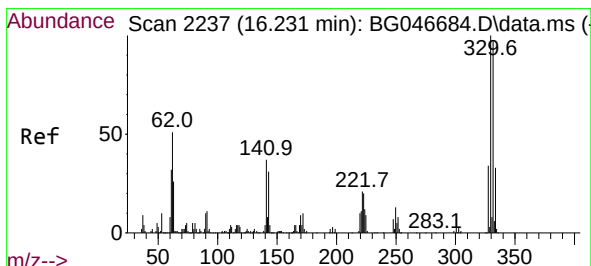
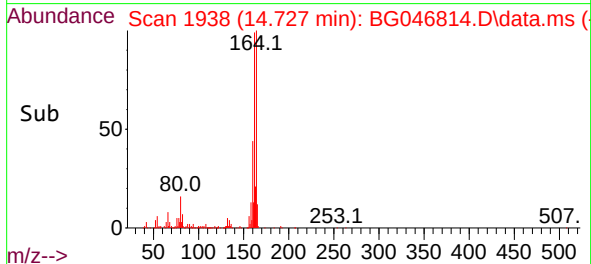
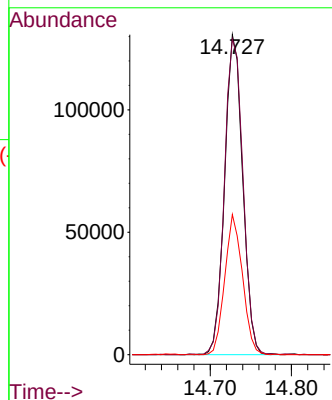
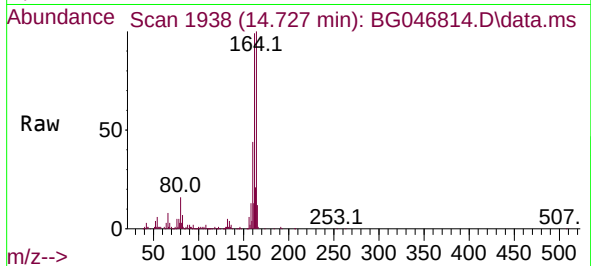




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

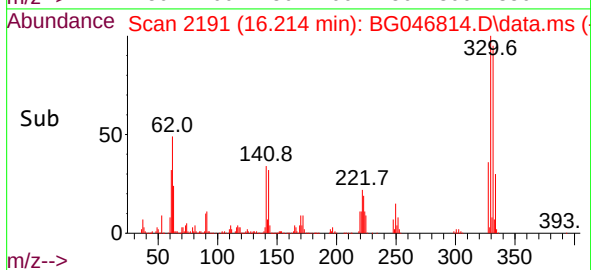
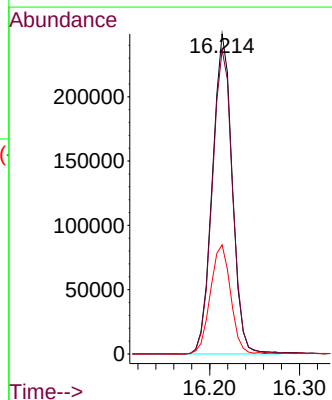
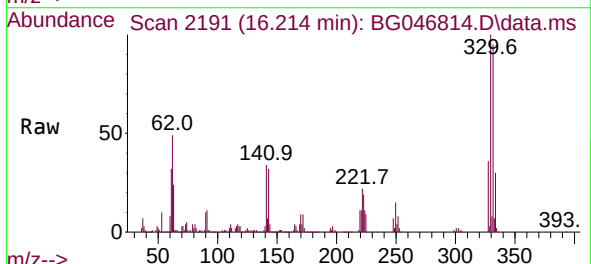
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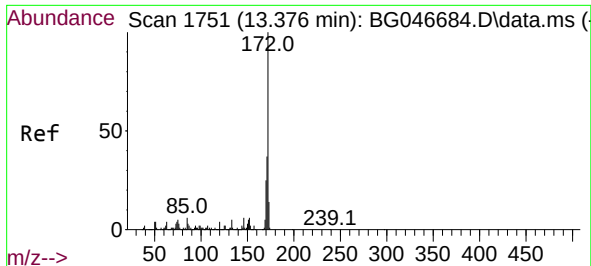
Tgt Ion:164 Resp: 201949
Ion Ratio Lower Upper
164 100
162 98.6 82.3 123.5
160 43.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 143.24 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion:330 Resp: 381424
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 35.2 26.0 39.0

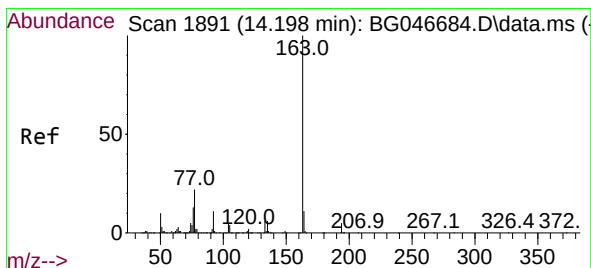
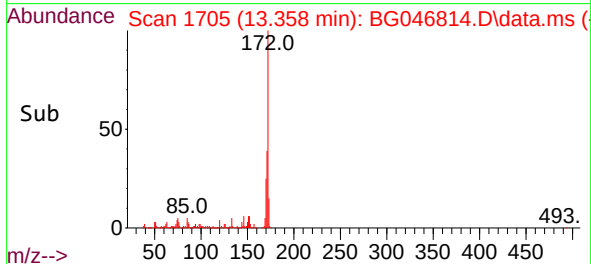
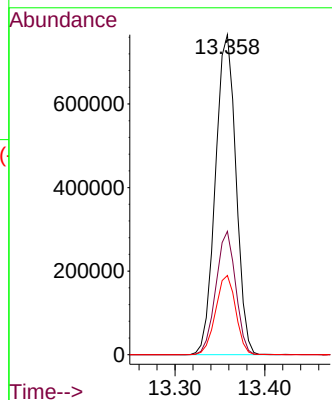
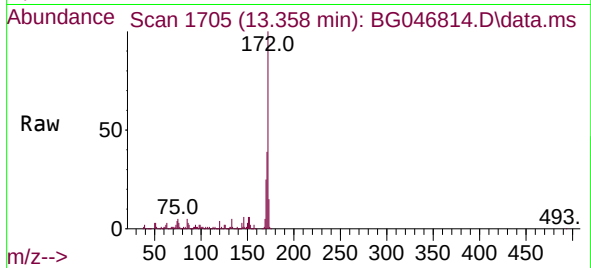




#45
2-Fluorobiphenyl
Concen: 85.30 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

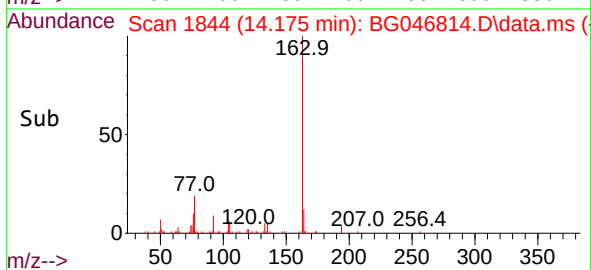
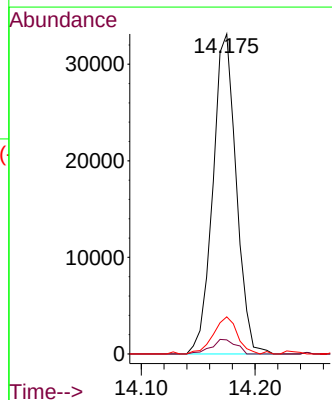
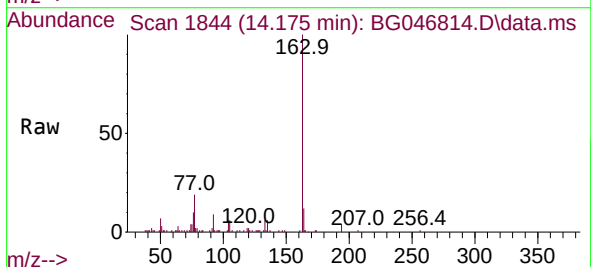
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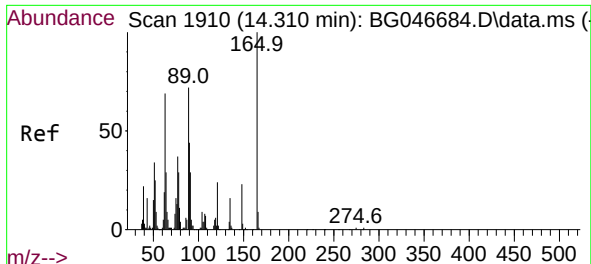
Tgt Ion:172 Resp: 1216739
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 24.7 20.8 31.2



#50
Dimethylphthalate
Concen: 2.93 ng
RT: 14.175 min Scan# 1844
Delta R.T. -0.008 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion:163 Resp: 47279
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.8
164 11.6 8.8 13.2

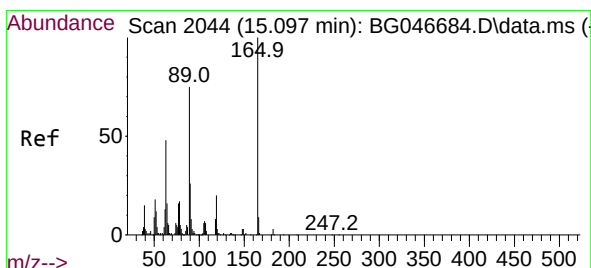
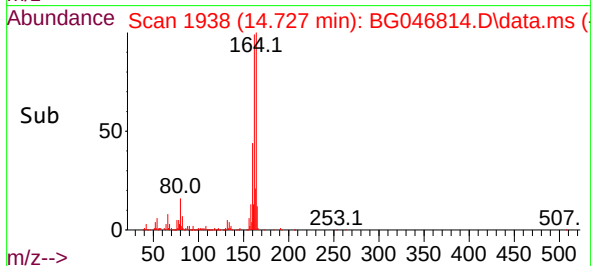
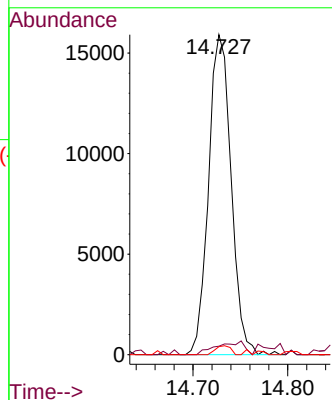
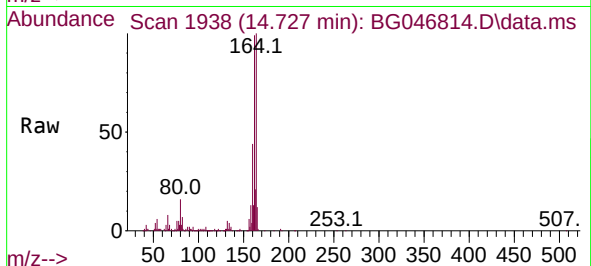




#51
2,6-Dinitrotoluene
Concen: 10.04 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.427 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

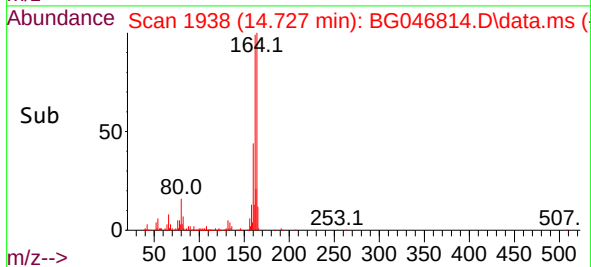
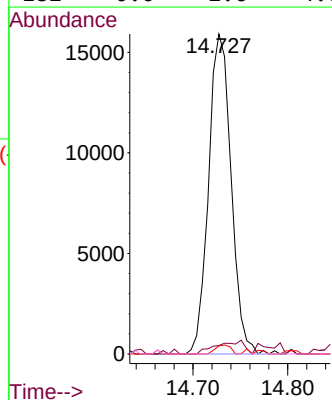
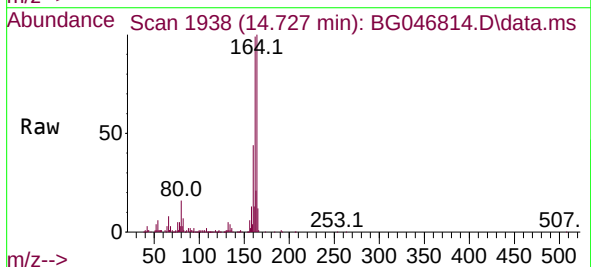
Instrument :
BNA_G
ClientSampleId :
B-2-MW-1

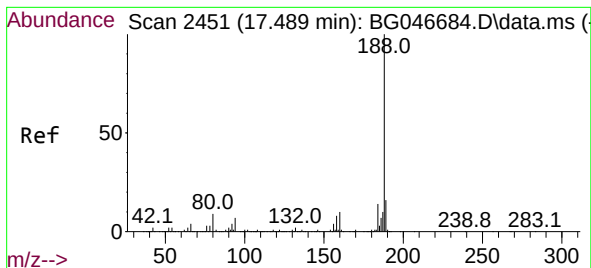
Tgt Ion:165 Resp: 26324
Ion Ratio Lower Upper
165 100
63 2.7 33.7 50.5#
89 2.5 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion:165 Resp: 26324
Ion Ratio Lower Upper
165 100
63 2.7 26.4 39.6#
89 2.5 47.8 71.8#
182 0.0 2.6 4.0#

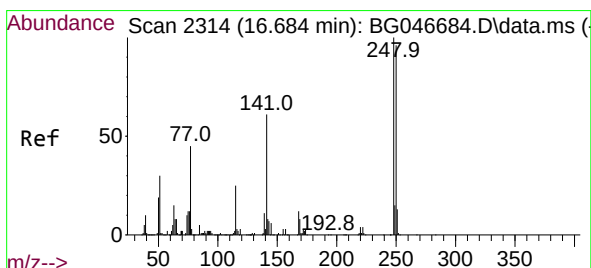
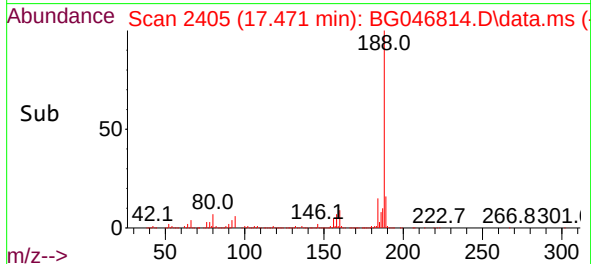
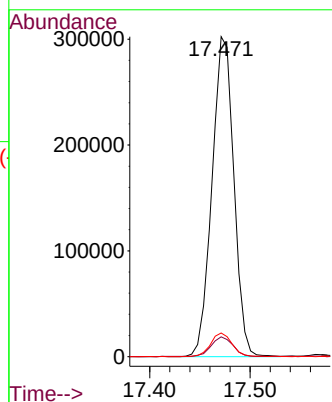
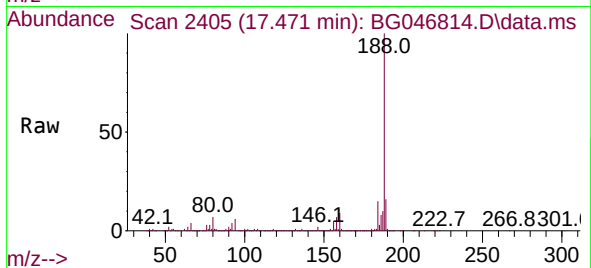




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

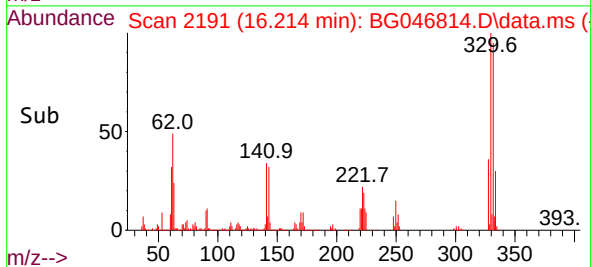
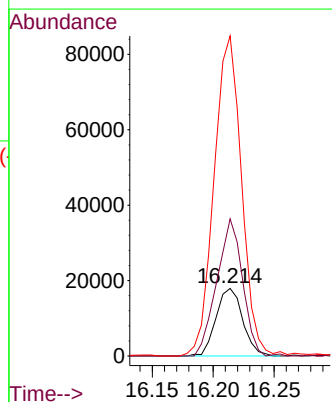
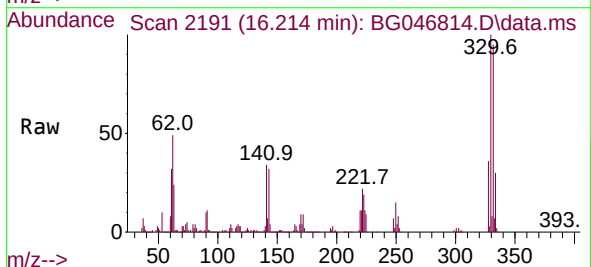
Instrument :
BNA_G
ClientSampleId :
B-2-MW-1

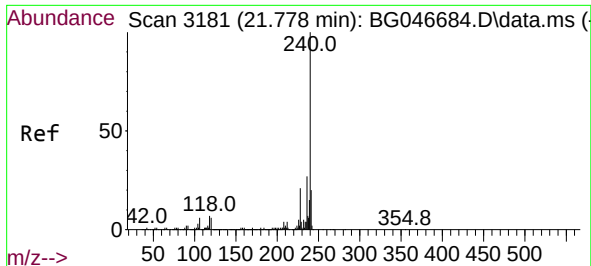
Tgt Ion:188 Resp: 457299
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion:248 Resp: 27181
Ion Ratio Lower Upper
248 100
250 206.4 78.9 118.3#
141 371.5 46.2 69.4#

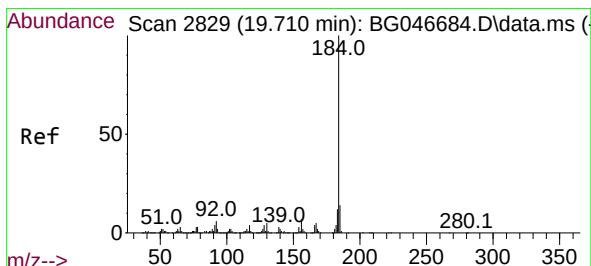
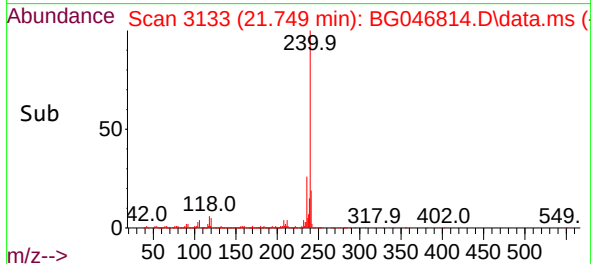
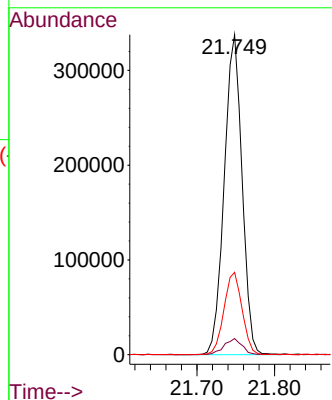
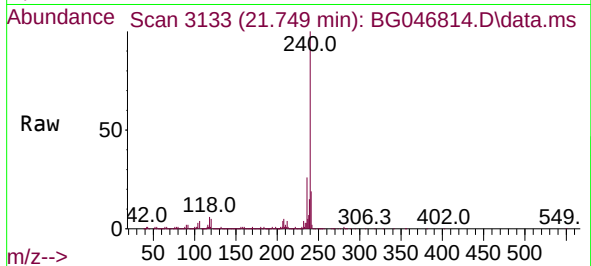




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.749 min Scan# 3133
Delta R.T. -0.008 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

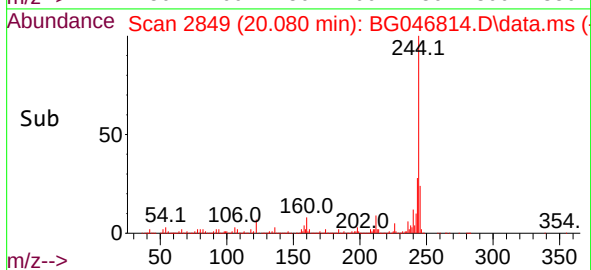
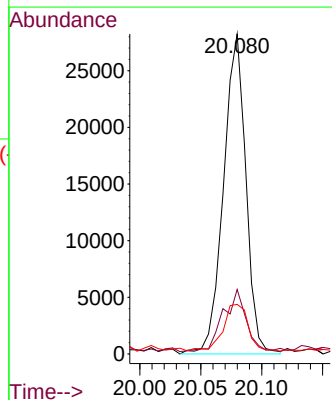
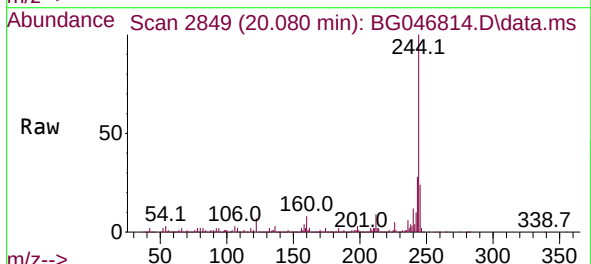
Instrument :
BNA_G
ClientSampleId :
B-2-MW-1

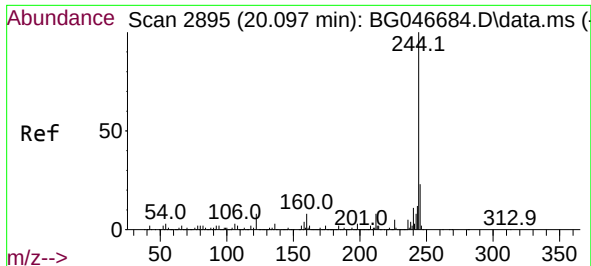
Tgt Ion:240 Resp: 539930
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.17 ng
RT: 20.080 min Scan# 2849
Delta R.T. 0.380 min
Lab File: BG046814.D
Acq: 8 Oct 2020 14:06

Tgt Ion:184 Resp: 36152
Ion Ratio Lower Upper
184 100
185 20.1 12.4 18.6#
183 15.5 10.6 15.8

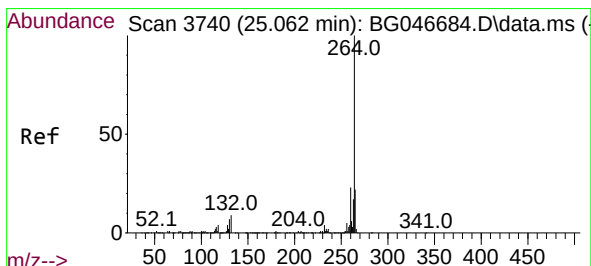
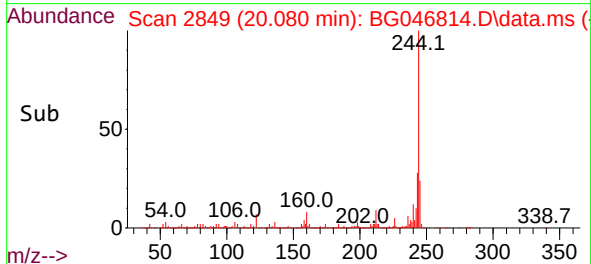
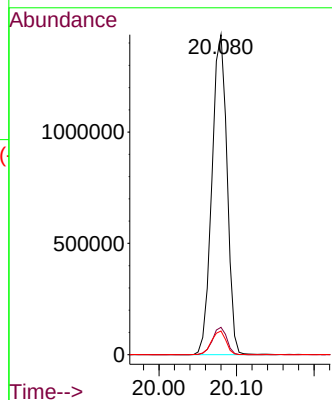
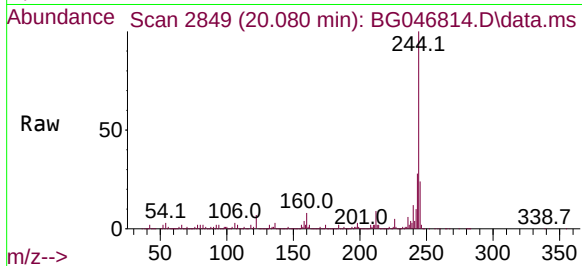




#79
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 20.080 min Scan# 2849
 Delta R.T. -0.002 min
 Lab File: BG046814.D
 Acq: 8 Oct 2020 14:06

Instrument :
 BNA_G
 ClientSampleId :
 B-2-MW-1

Tgt Ion:244 Resp: 1948816
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 7.4 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.015 min Scan# 3689
 Delta R.T. -0.014 min
 Lab File: BG046814.D
 Acq: 8 Oct 2020 14:06

Tgt Ion:264 Resp: 566182
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.7 17.8 26.8

