

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048330.D
 Acq On : 4 Mar 2021 16:04
 Operator : CG/JU
 Sample : M1545-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-20A

Quant Time: Mar 04 16:51:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

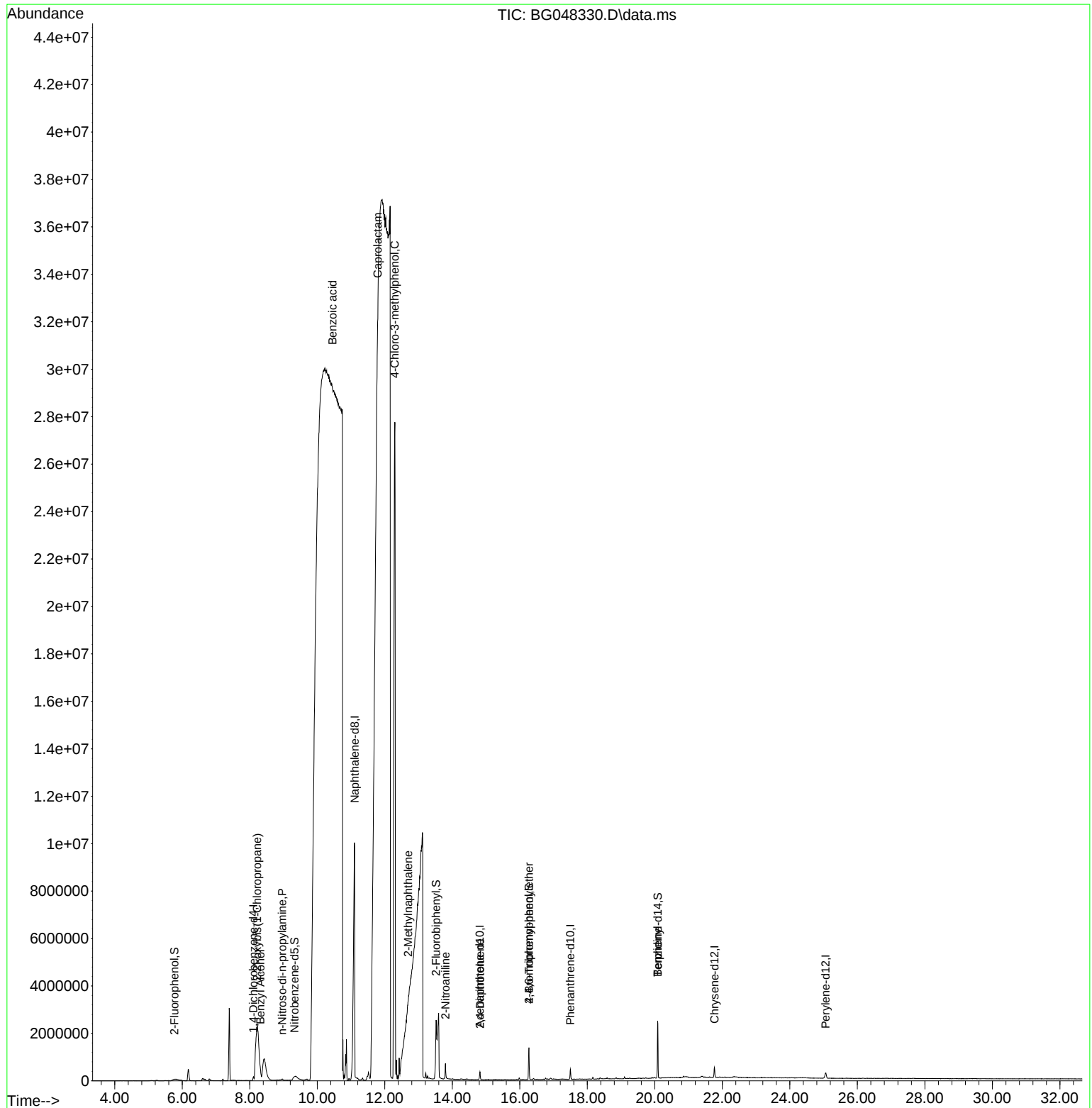
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	44898	20.00	ng	# 0.00
21) Naphthalene-d8	11.106	136	49546	20.00	ng	# 0.18
39) Acenaphthene-d10	14.819	164	105779	20.00	ng	0.08
64) Phenanthrene-d10	17.499	188	249526	20.00	ng	# 0.01
76) Chrysene-d12	21.764	240	260676	20.00	ng	# 0.00
86) Perylene-d12	25.060	264	255797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.771	112	69276	26.26	ng	0.08
7) Phenol-d6	7.346	99	662	0.17	ng	0.03
23) Nitrobenzene-d5	9.326	82	392388	335.01	ng	0.04
42) 2,4,6-Tribromophenol	16.271	330	249179	147.28	ng	0.03
45) 2-Fluorobiphenyl	13.521	172	724352	96.00	ng	0.16
79) Terphenyl-d14	20.084	244	1032738	72.39	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.315	79	10299	2.92	ng	# 55
16) 2,2'-oxybis(1-Chloropr...	8.221	45	412585	100.79	ng	69
19) n-Nitroso-di-n-propyla...	8.961	70	8995	2.91	ng	# 52
32) Benzoic acid	10.454	122	82	4.28	ng	# 1
35) Caprolactam	11.788	113	979234	3106.27	ng	# 1
36) 4-Chloro-3-methylphenol	12.299	107	1696929	1612.97	ng	# 15
37) 2-Methylnaphthalene	12.692	142	4412	2.07	ng	# 1
48) 2-Nitroaniline	13.797	65	55550	24.00	ng	# 2
57) 2,4-Dinitrotoluene	14.825	165	14457	5.04	ng	# 34
67) 4-Bromophenyl-phenylether	16.271	248	17711	5.54	ng	# 1
77) Benzidine	20.084	184	21681	2.55	ng	94

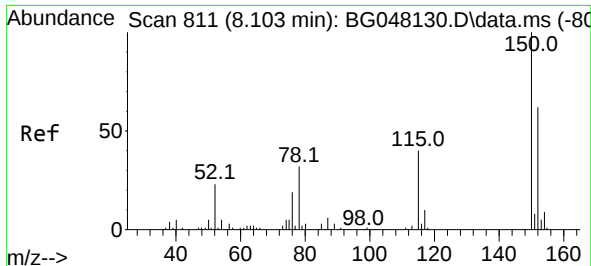
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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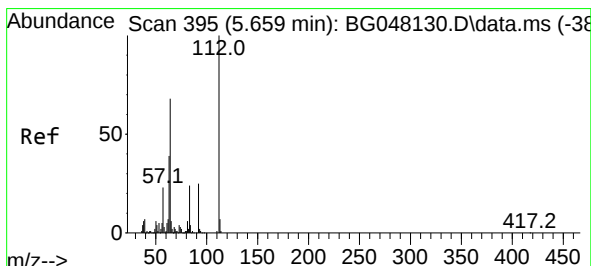
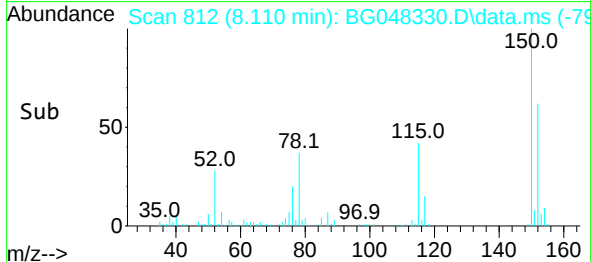
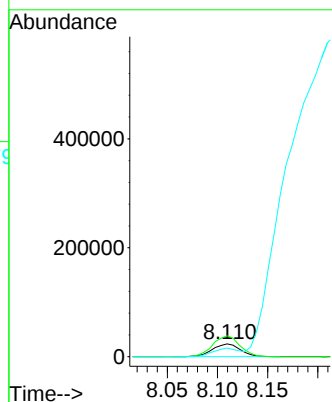
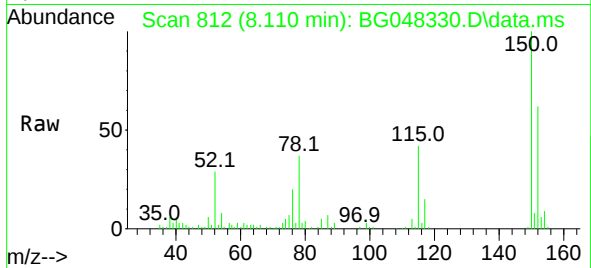




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 812
Delta R.T. 0.008 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

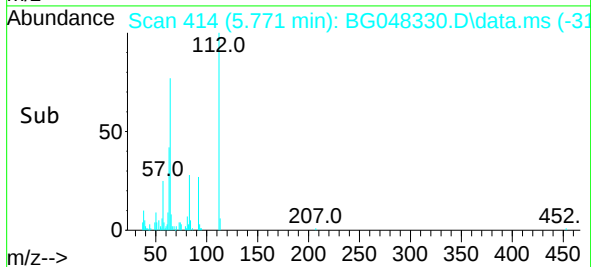
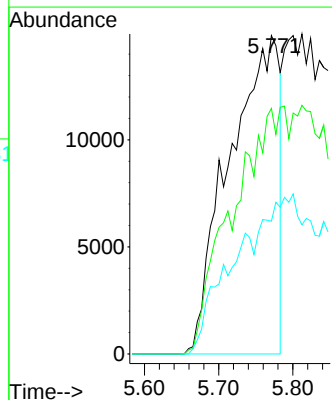
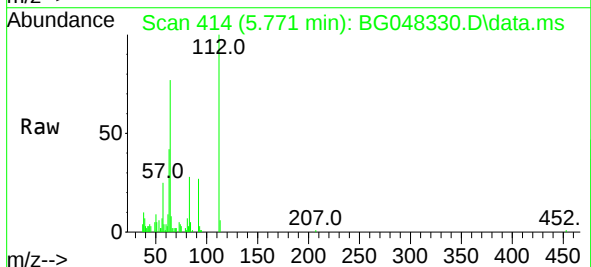
Instrument :
BNA_G
ClientSampleId :
MH-20A

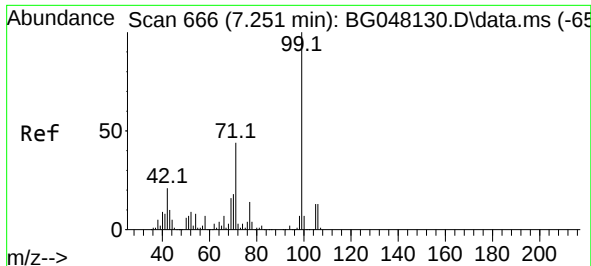
Tgt Ion:152 Resp: 44898
Ion Ratio Lower Upper
152 100
150 162.1 125.0 187.6
115 67.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 26.26 ng
RT: 5.771 min Scan# 414
Delta R.T. 0.084 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:112 Resp: 69276
Ion Ratio Lower Upper
112 100
64 77.1 46.7 70.1#
63 41.7 22.8 34.2#

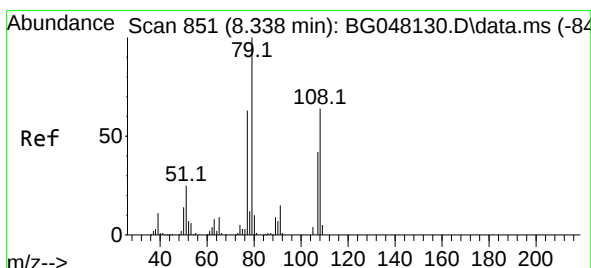
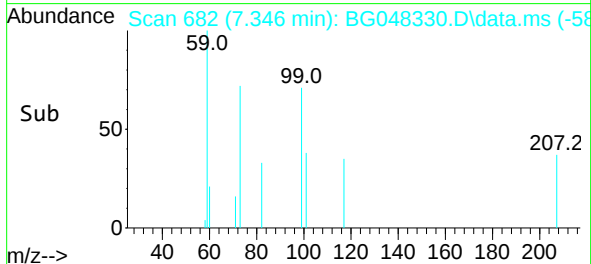
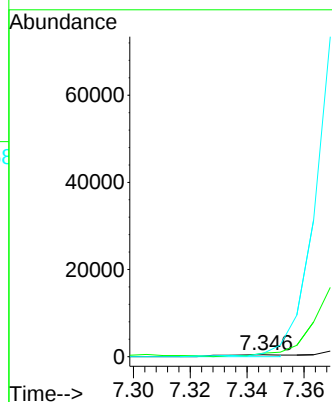
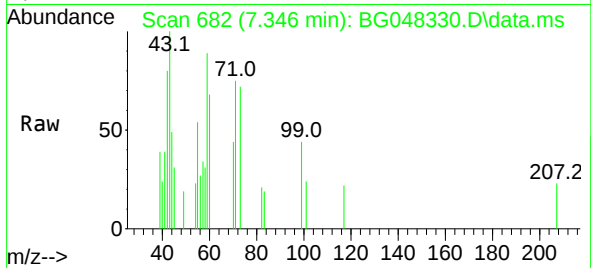




#7
Phenol-d6
Concen: 0.17 ng
RT: 7.346 min Scan# 682
Delta R.T. 0.031 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

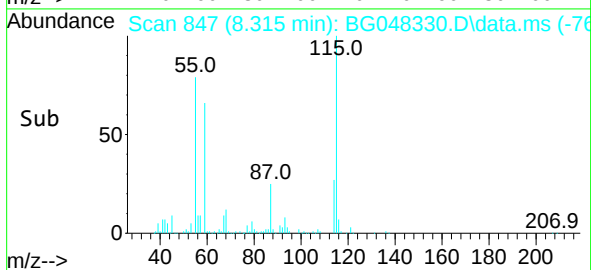
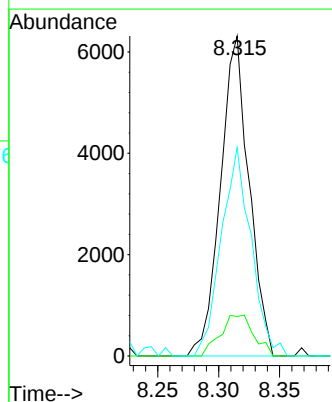
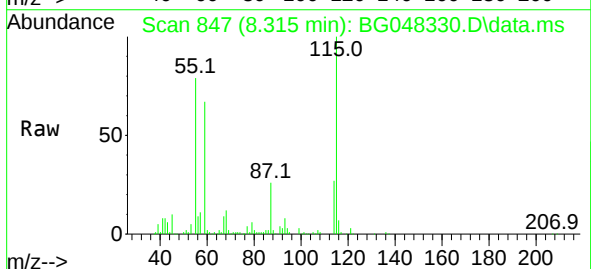
Instrument :
BNA_G
ClientSampled :
MH-20A

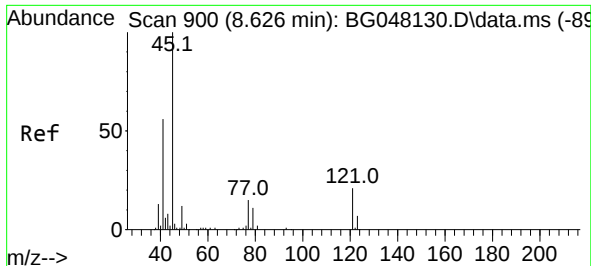
Tgt Ion: 99 Resp: 662
Ion Ratio Lower Upper
99 100
42 180.1 12.8 19.2#
71 170.1 24.6 36.8#



#15
Benzyl Alcohol
Concen: 2.92 ng
RT: 8.315 min Scan# 847
Delta R.T. -0.045 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

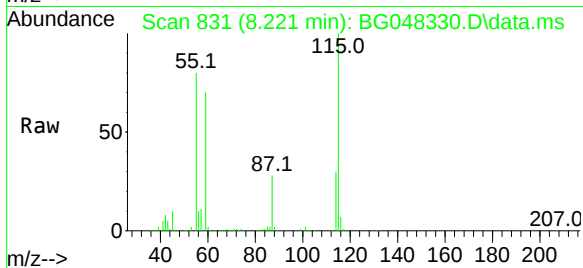
Tgt Ion: 79 Resp: 10299
Ion Ratio Lower Upper
79 100
108 12.4 65.5 98.3#
77 65.1 50.1 75.1



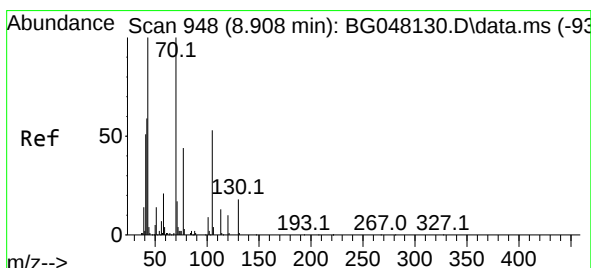
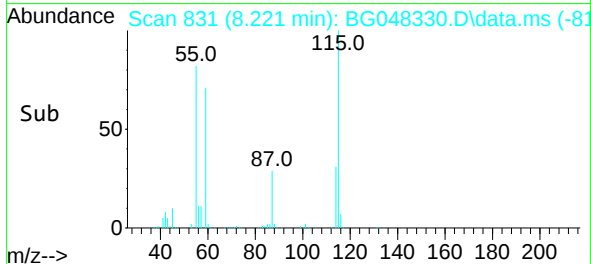
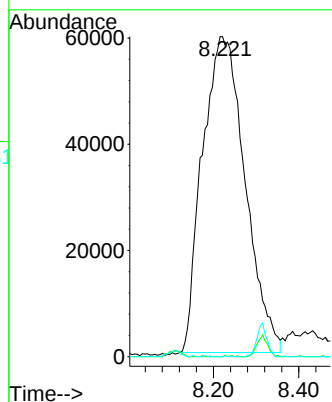


#16
2,2'-oxybis(1-Chloropropane)
Concen: 100.79 ng
RT: 8.221 min Scan# 831
Delta R.T. -0.410 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Instrument :
BNA_G
ClientSampled :
MH-20A

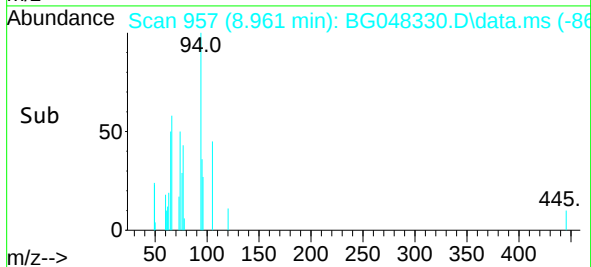
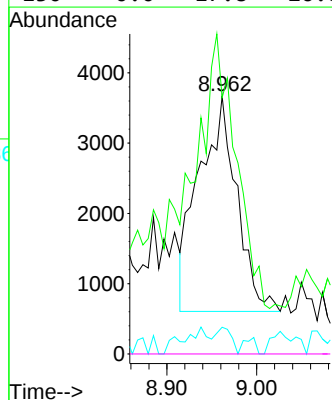
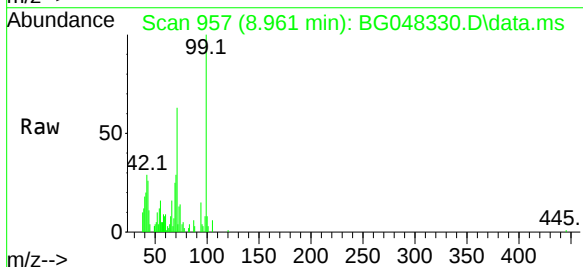


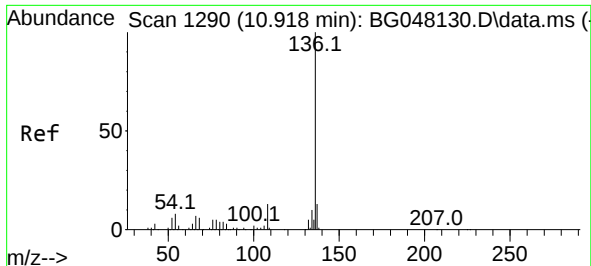
Tgt Ion: 45 Resp: 412585
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.4
79 0.0 0.0 30.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.91 ng
RT: 8.961 min Scan# 957
Delta R.T. 0.043 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion: 70 Resp: 8995
Ion Ratio Lower Upper
70 100
42 99.3 45.6 68.4#
101 10.3 8.4 12.6
130 0.0 17.8 26.8#

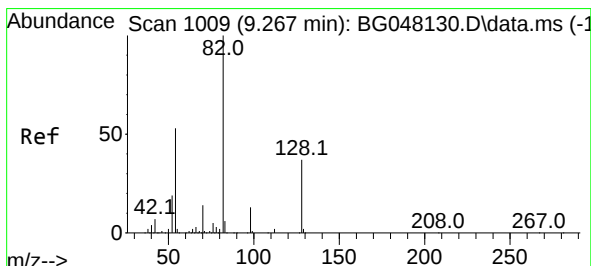
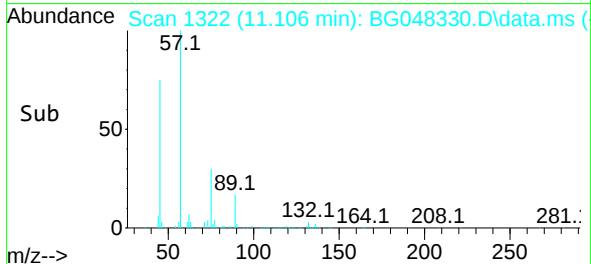
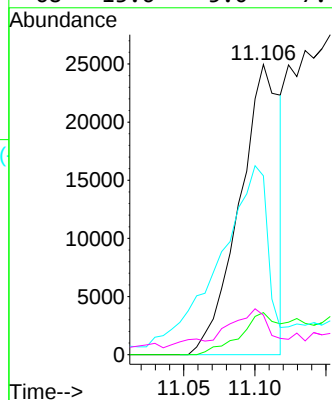
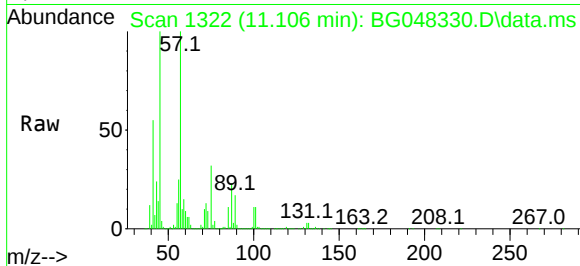




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.106 min Scan# 1322
Delta R.T. 0.184 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

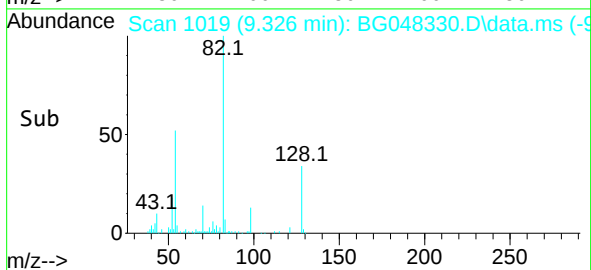
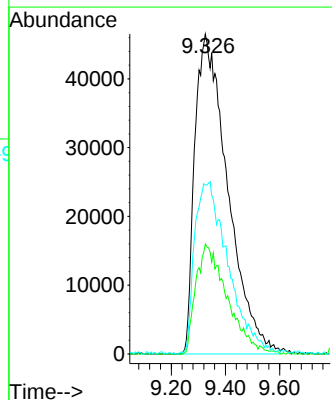
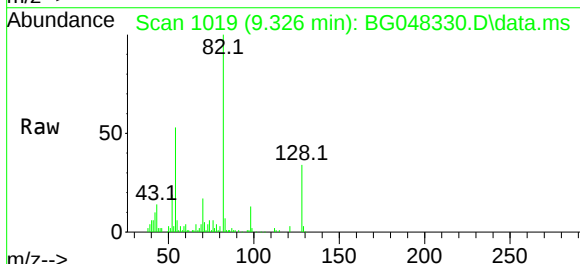
Instrument :
BNA_G
ClientSampleId :
MH-20A

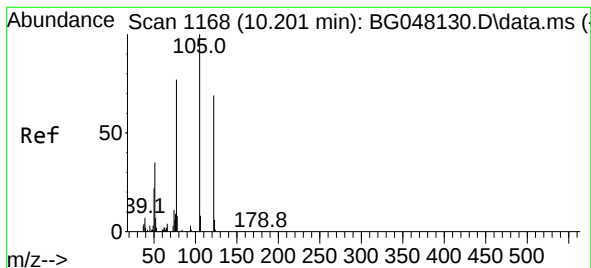
Tgt Ion:136 Resp: 49546
Ion Ratio Lower Upper
136 100
137 14.5 9.1 13.7#
54 61.7 6.2 9.4#
68 13.6 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 335.01 ng
RT: 9.326 min Scan# 1019
Delta R.T. 0.043 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion: 82 Resp: 392388
Ion Ratio Lower Upper
82 100
128 34.3 37.0 55.6#
54 52.8 39.0 58.4

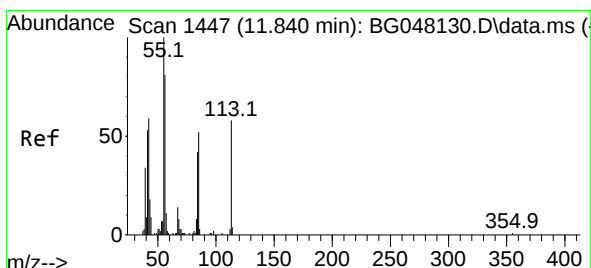
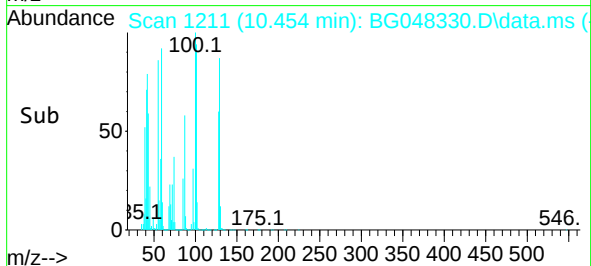
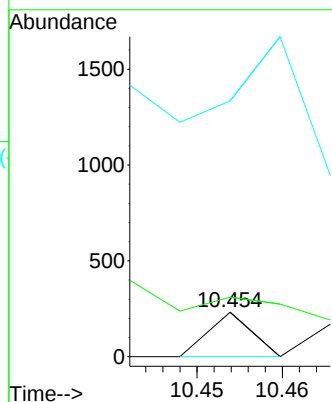
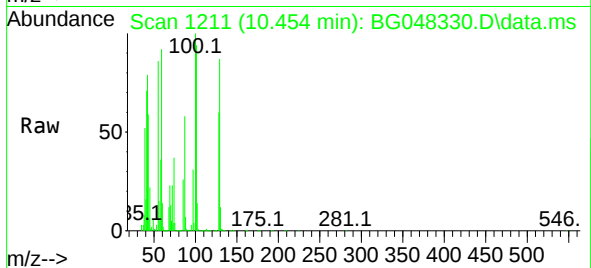




#32
Benzoic acid
Concen: 4.28 ng
RT: 10.454 min Scan# 1211
Delta R.T. 0.166 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

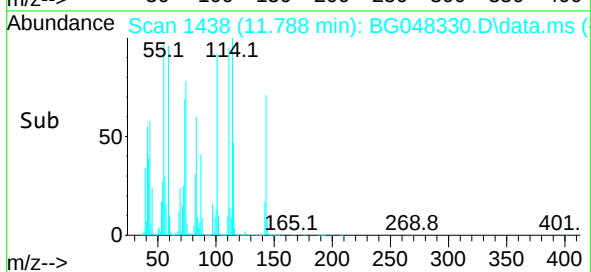
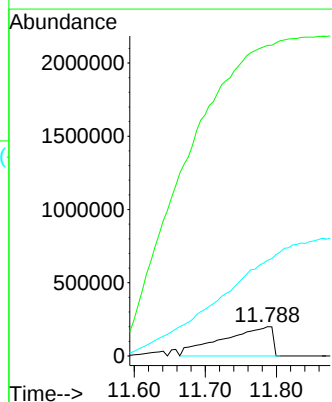
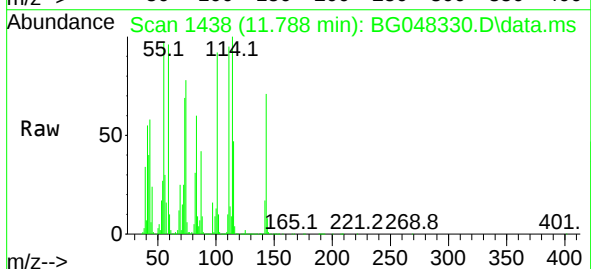
Instrument :
BNA_G
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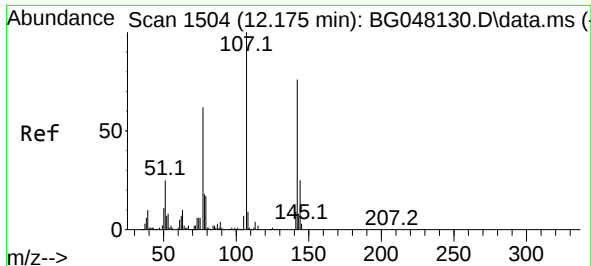
Tgt Ion:122 Resp: 82
Ion Ratio Lower Upper
122 100
105 134.1 103.7 143.7
77 575.0 63.0 103.0#



#35
Caprolactam
Concen: 3106.27 ng
RT: 11.788 min Scan# 1438
Delta R.T. -0.092 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:113 Resp: 979234
Ion Ratio Lower Upper
113 100
55 1059.1 149.2 189.2#
56 326.4 107.2 147.2#

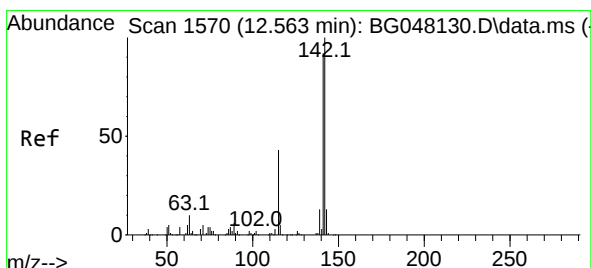
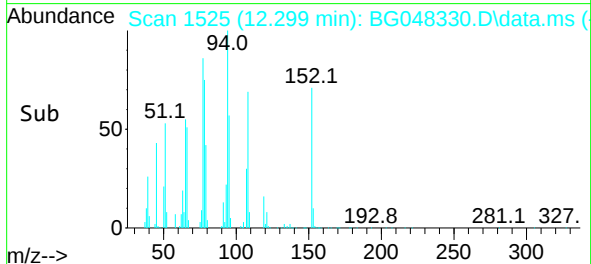
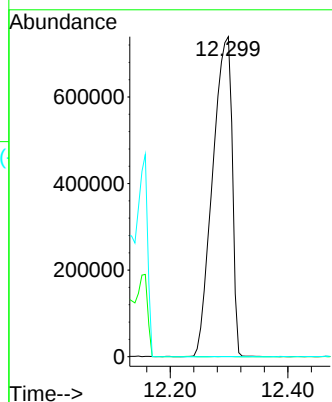
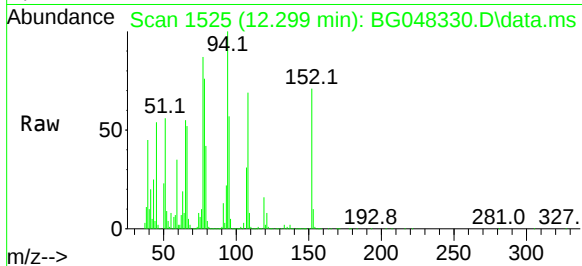




#36
4-Chloro-3-methylphenol
Concen: 1612.97 ng
RT: 12.299 min Scan# 1525
Delta R.T. 0.054 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

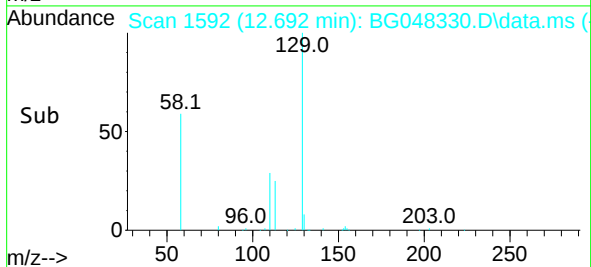
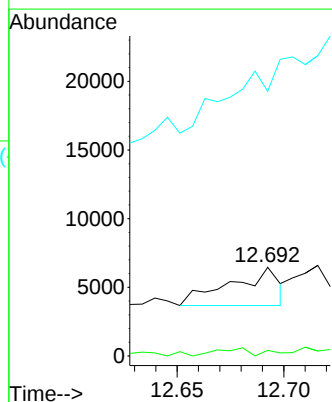
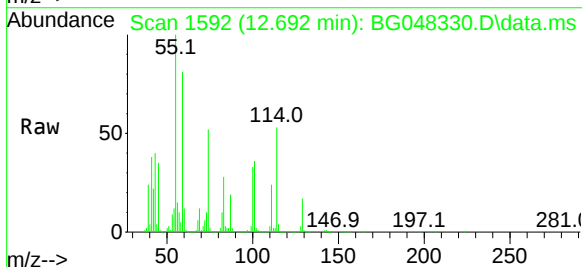
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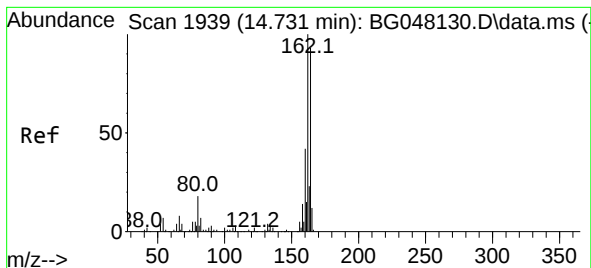
Tgt Ion:107 Resp: 1696929
Ion Ratio Lower Upper
107 100
144 0.0 22.5 33.7#
142 0.1 70.8 106.2#



#37
2-Methylnaphthalene
Concen: 2.07 ng
RT: 12.692 min Scan# 1592
Delta R.T. 0.119 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:142 Resp: 4412
Ion Ratio Lower Upper
142 100
141 6.4 71.6 107.4#
115 298.5 25.4 38.2#

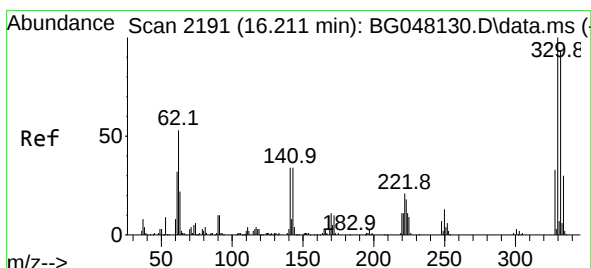
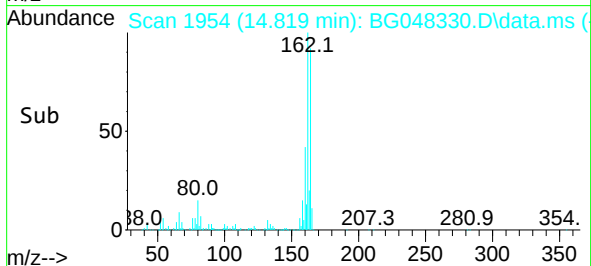
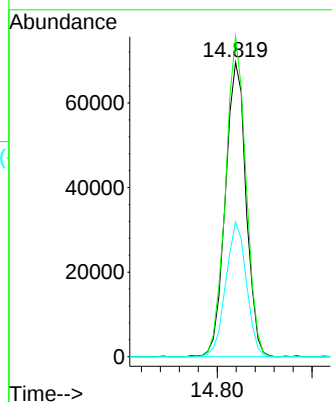
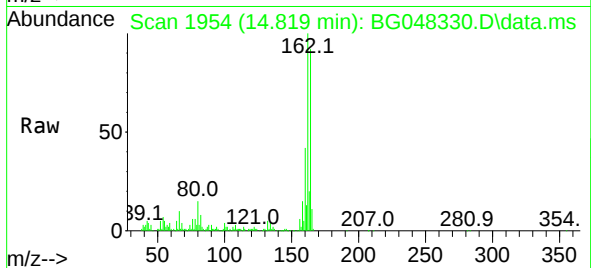




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.819 min Scan# 1954
Delta R.T. 0.084 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

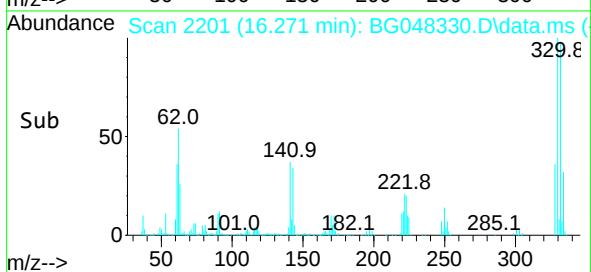
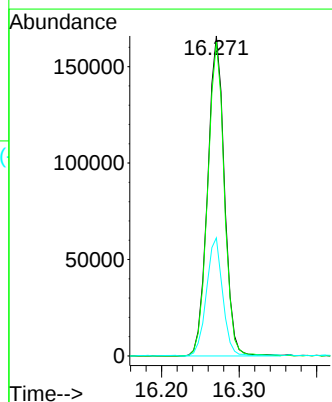
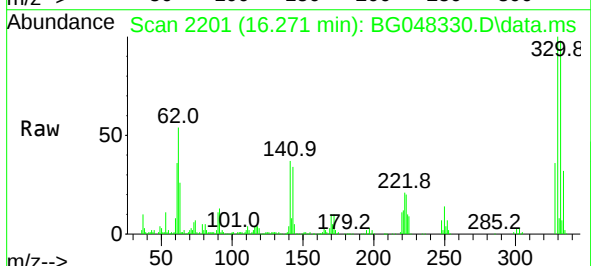
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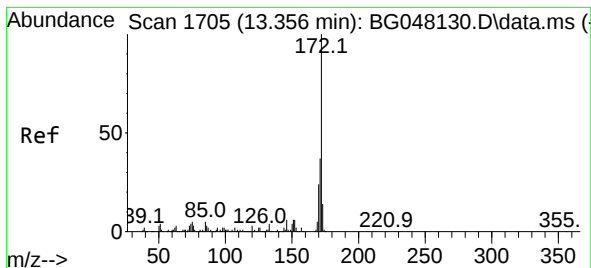
Tgt Ion:164 Resp: 105779
Ion Ratio Lower Upper
164 100
162 108.7 82.3 123.5
160 45.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 147.28 ng
RT: 16.271 min Scan# 2201
Delta R.T. 0.031 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:330 Resp: 249179
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 35.6 26.0 39.0

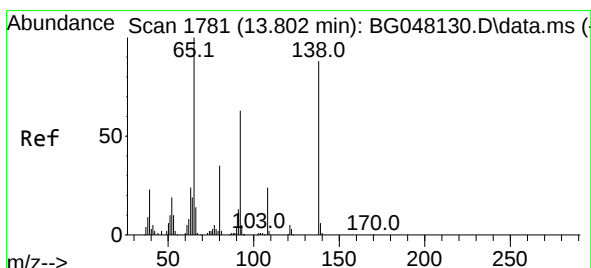
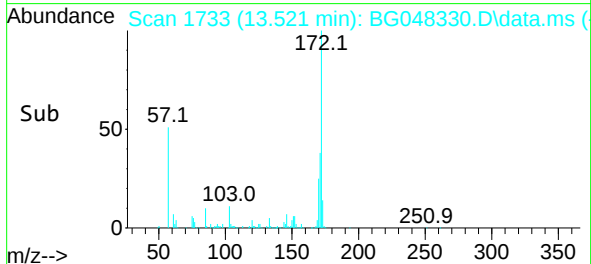
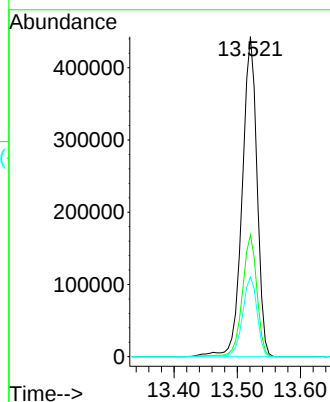
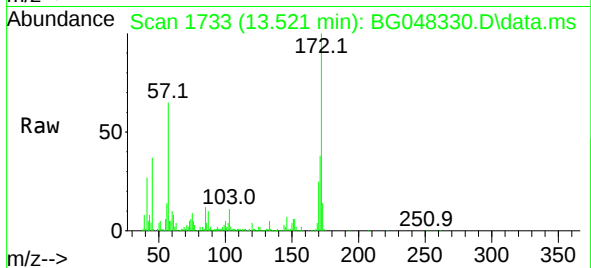




#45
2-Fluorobiphenyl
Concen: 96.00 ng
RT: 13.521 min Scan# 1733
Delta R.T. 0.160 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

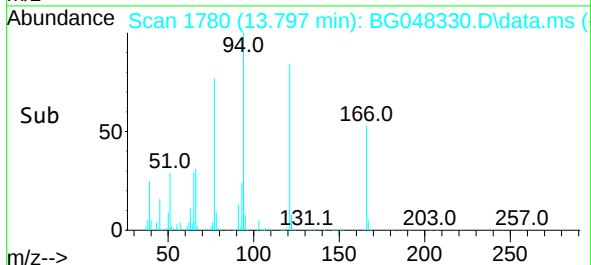
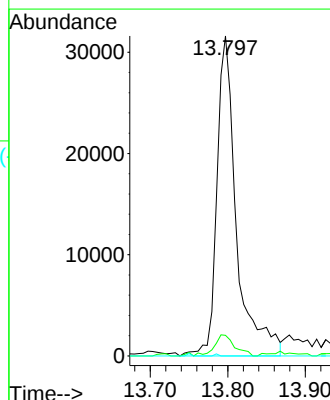
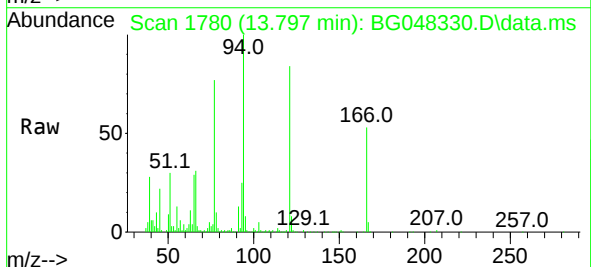
Instrument :
BNA_G
ClientSampleId :
MH-20A

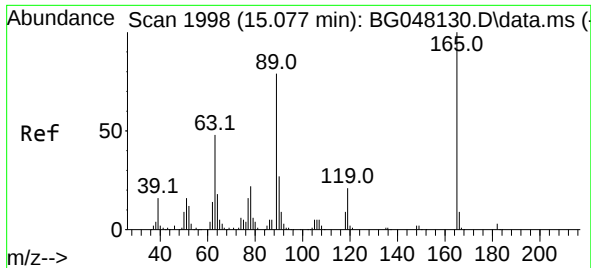
Tgt Ion:172 Resp: 724352
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 24.9 20.8 31.2



#48
2-Nitroaniline
Concen: 24.00 ng
RT: 13.797 min Scan# 1780
Delta R.T. -0.045 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

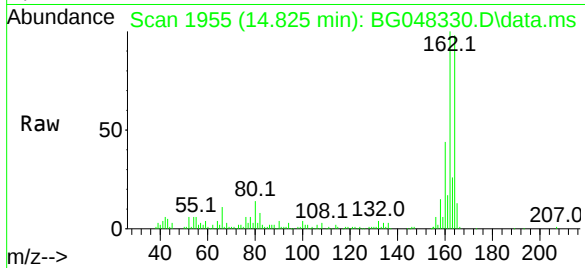
Tgt Ion: 65 Resp: 55550
Ion Ratio Lower Upper
65 100
92 6.5 58.6 88.0#
138 0.0 98.2 147.4#



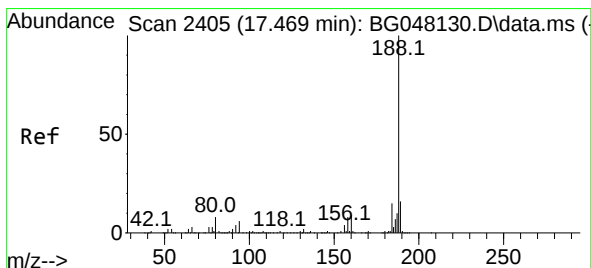
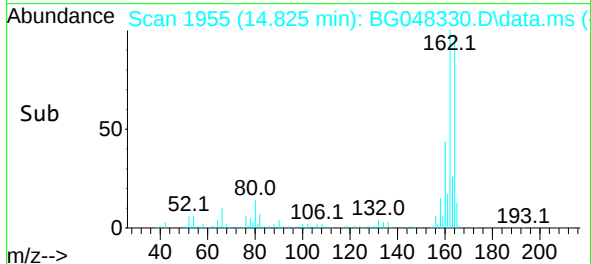
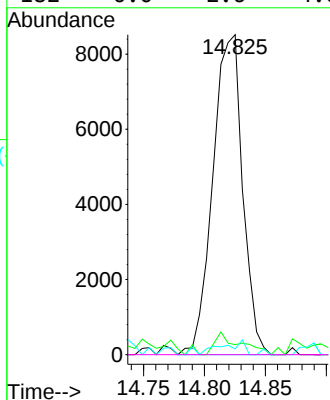


#57
2,4-Dinitrotoluene
Concen: 5.04 ng
RT: 14.825 min Scan# 1955
Delta R.T. -0.292 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Instrument :
BNA_G
ClientSampleId :
MH-20A

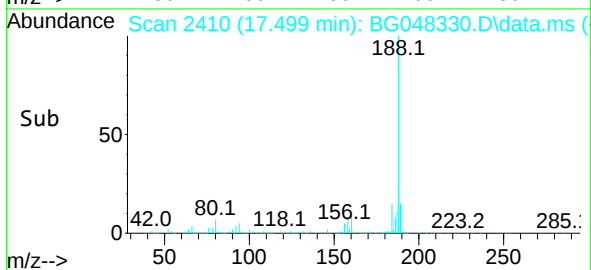
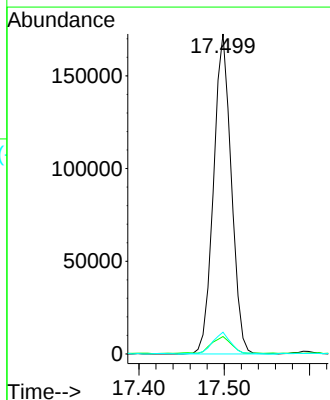
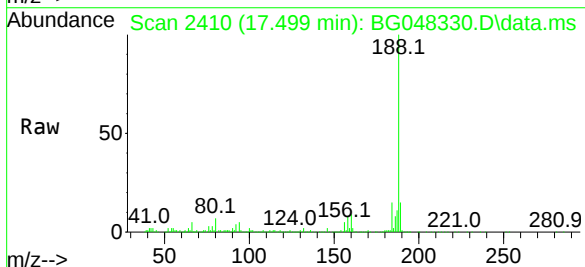


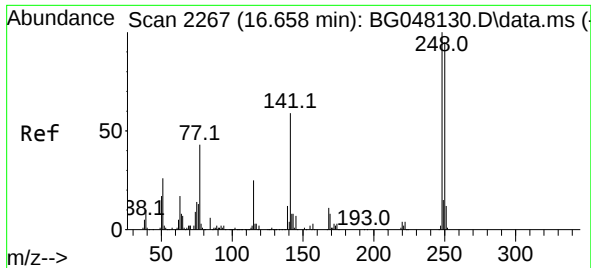
Tgt Ion:165 Resp: 14457
Ion Ratio Lower Upper
165 100
63 3.1 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. 0.013 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:188 Resp: 249526
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 6.8 7.0 10.6#

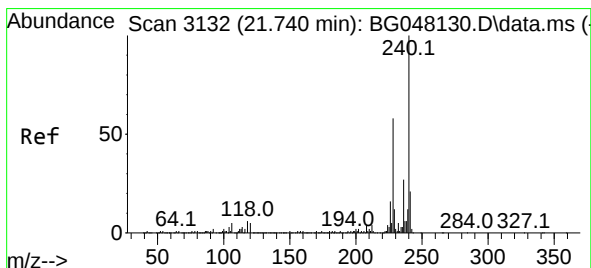
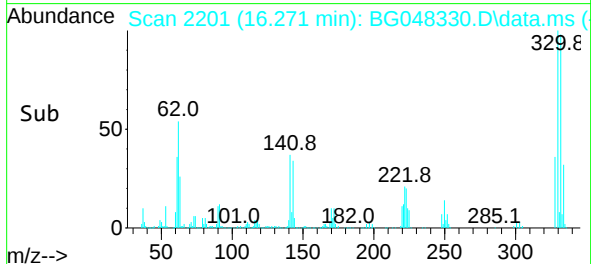
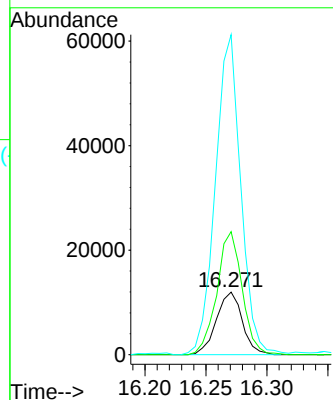
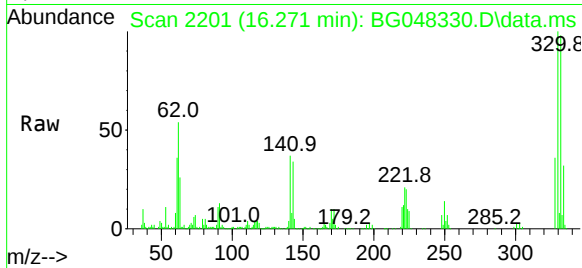




#67
4-Bromophenyl-phenylether
Concen: 5.54 ng
RT: 16.271 min Scan# 2201
Delta R.T. -0.398 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

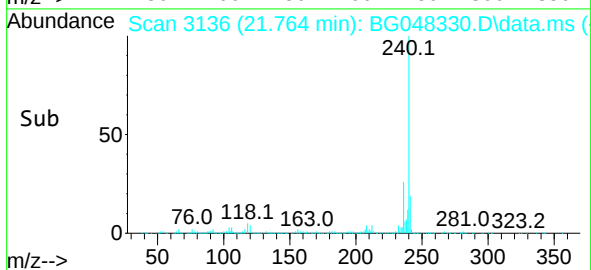
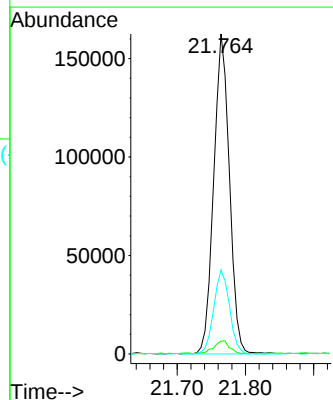
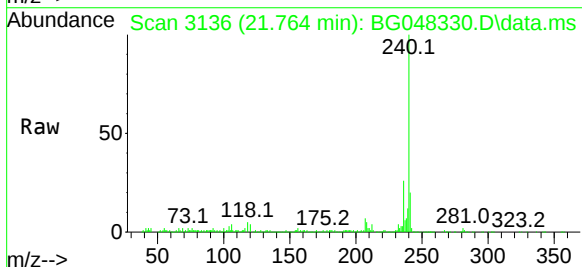
Instrument :
BNA_G
ClientSampleId :
MH-20A

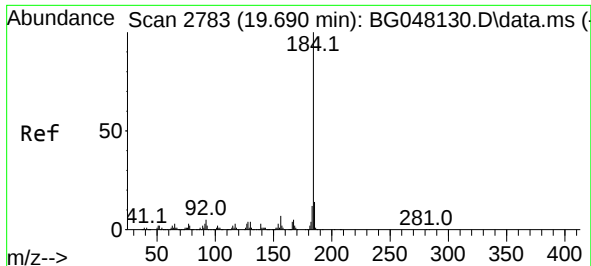
Tgt Ion:248 Resp: 17711
Ion Ratio Lower Upper
248 100
250 196.7 78.9 118.3#
141 511.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.764 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:240 Resp: 260676
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 26.2 20.5 30.7

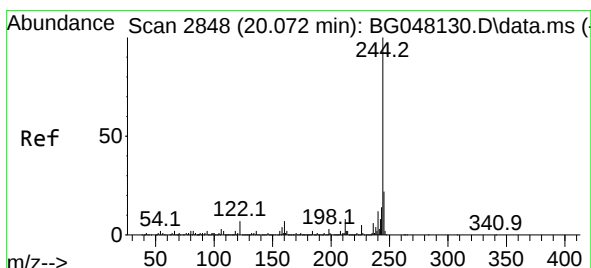
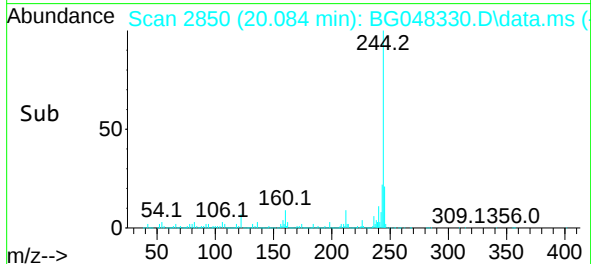
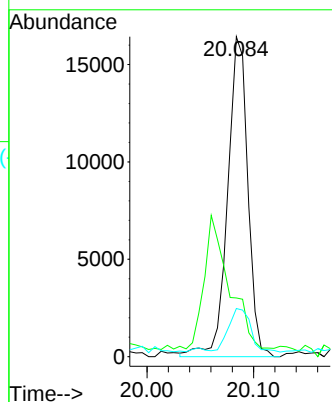
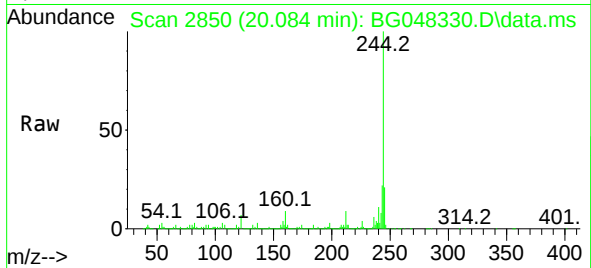




#77
Benzidine
Concen: 2.55 ng
RT: 20.084 min Scan# 2850
Delta R.T. 0.366 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

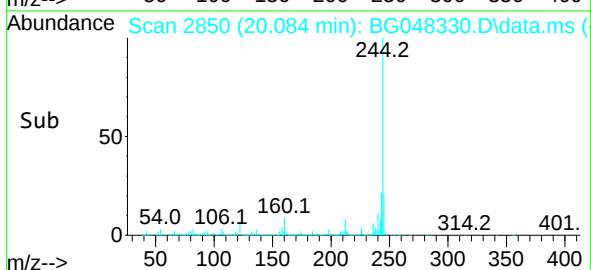
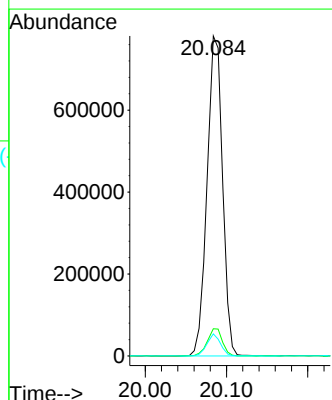
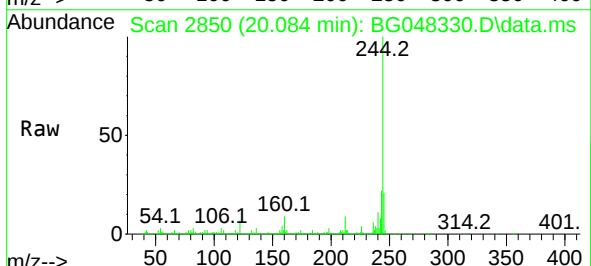
Instrument :
BNA_G
ClientSampled :
MH-20A

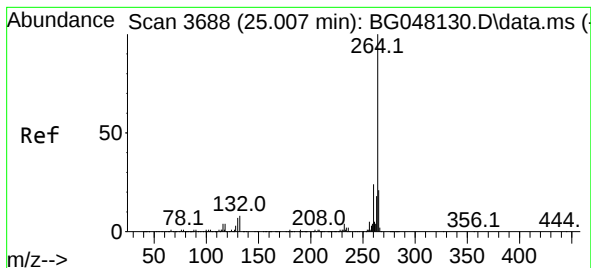
Tgt Ion:184 Resp: 21681
Ion Ratio Lower Upper
184 100
185 18.4 12.4 18.6
183 15.0 10.6 15.8



#79
Terphenyl-d14
Concen: 72.39 ng
RT: 20.084 min Scan# 2850
Delta R.T. 0.002 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:244 Resp: 1032738
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 6.9 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.060 min Scan# 3697
 Delta R.T. -0.004 min
 Lab File: BG048330.D
 Acq: 4 Mar 2021 16:04

Instrument :
 BNA_G
 ClientSampleId :
 MH-20A

Tgt Ion:264 Resp: 255797
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 22.3 17.8 26.8

