

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048333.D
 Acq On : 4 Mar 2021 18:06
 Operator : CG/JU
 Sample : M1545-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-G

Quant Time: Mar 04 23:27:42 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)

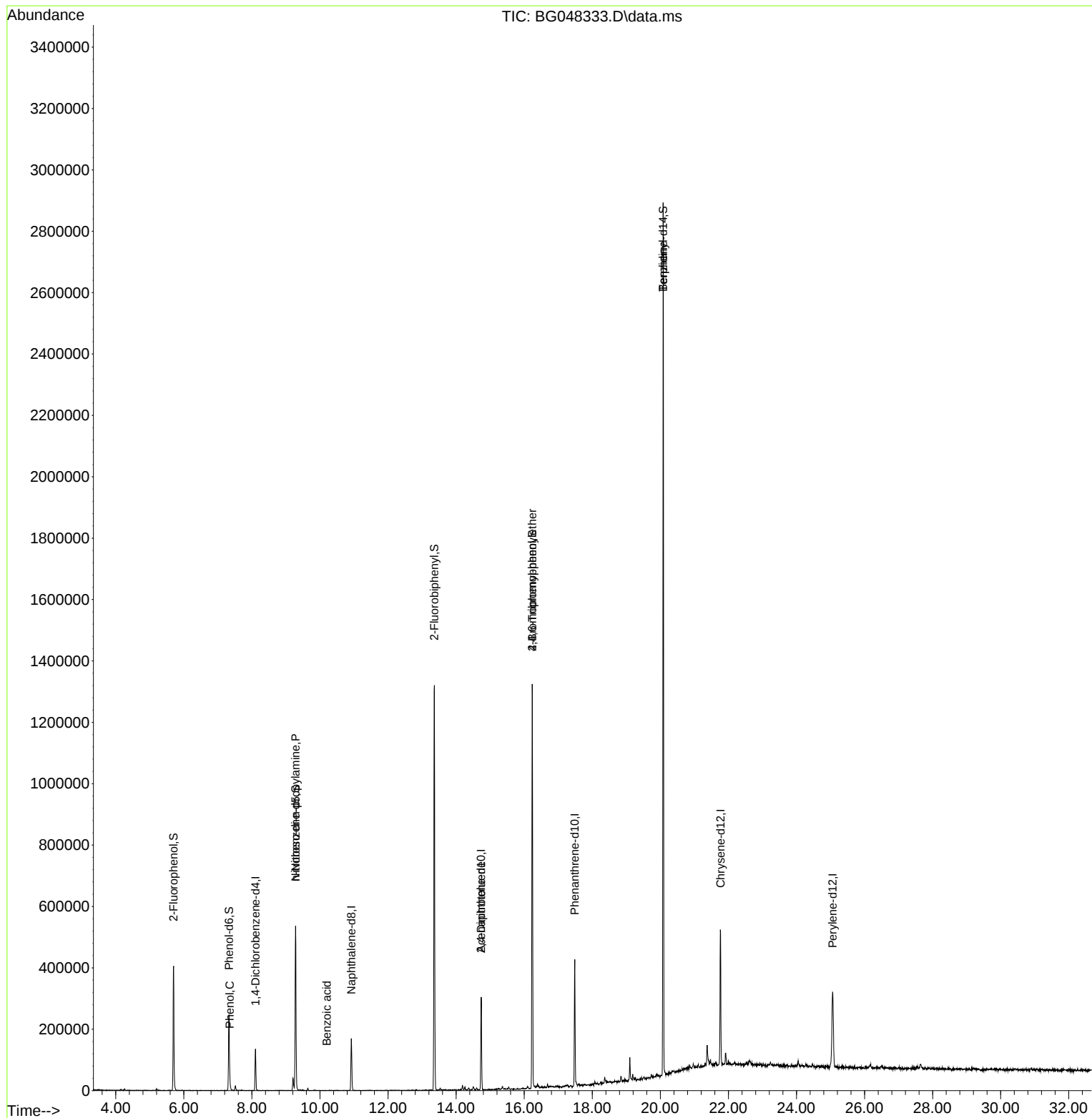
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	34888	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	140153	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	104316	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	261619	20.00	ng	# 0.00
76) Chrysene-d12	21.769	240	280283	20.00	ng	# 0.00
86) Perylene-d12	25.059	264	273736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	161670	78.88	ng	0.01
7) Phenol-d6	7.327	99	133548	42.89	ng	0.01
23) Nitrobenzene-d5	9.283	82	334216	100.87	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	257444	154.29	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	719353	96.68	ng	0.00
79) Terphenyl-d14	20.082	244	1227461	80.03	ng	0.00
Target Compounds						
10) Phenol	7.350	94	9062	2.88	ng	# 44
19) n-Nitroso-di-n-propyla...	9.283	70	52516	21.85	ng	# 75
32) Benzoic acid	10.200	122	67	4.18	ng	# 1
57) 2,4-Dinitrotoluene	14.736	165	14001	4.94	ng	# 34
67) 4-Bromophenyl-phenylether	16.240	248	18303	5.46	ng	# 1
77) Benzidine	20.082	184	24892	2.72	ng	97

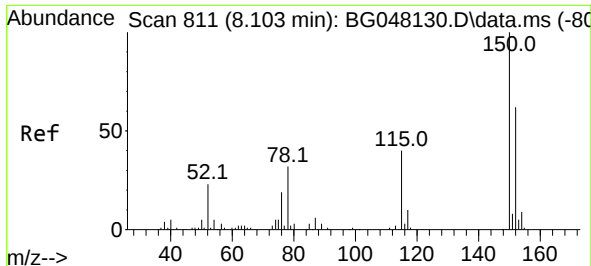
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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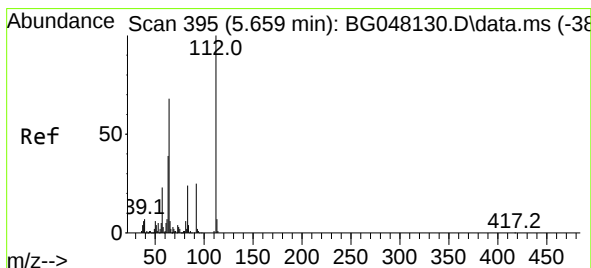
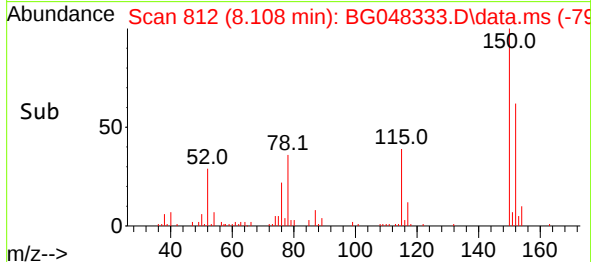
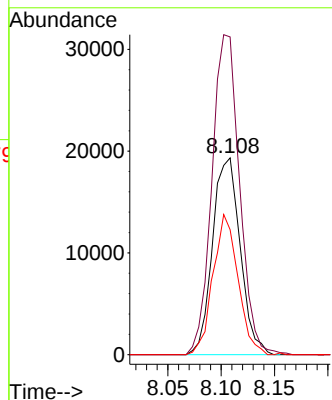
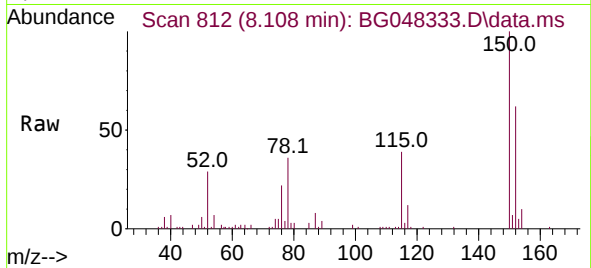




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. 0.006 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

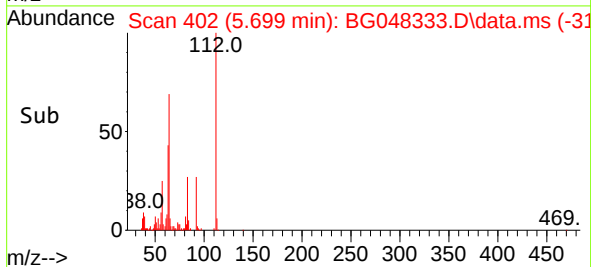
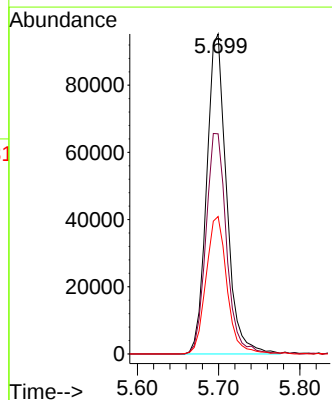
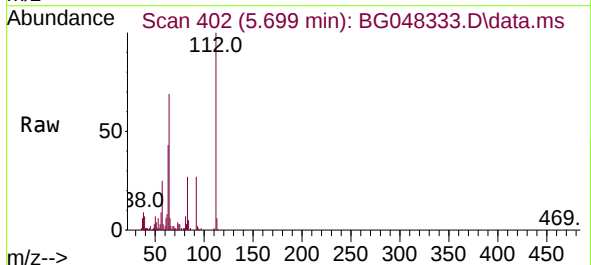
Instrument :
BNA_G
ClientSampleId :
MH-G

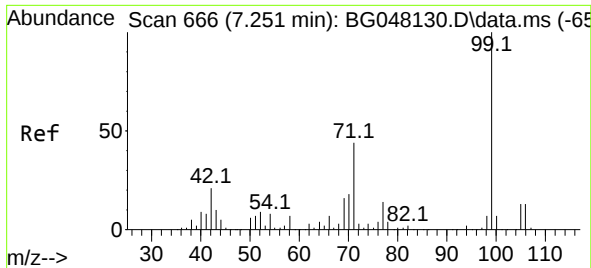
Tgt Ion:152 Resp: 34888
Ion Ratio Lower Upper
152 100
150 161.5 125.0 187.6
115 63.5 41.8 62.6#



#5
2-Fluorophenol
Concen: 78.88 ng
RT: 5.699 min Scan# 402
Delta R.T. 0.012 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion:112 Resp: 161670
Ion Ratio Lower Upper
112 100
64 68.8 46.7 70.1
63 42.9 22.8 34.2#

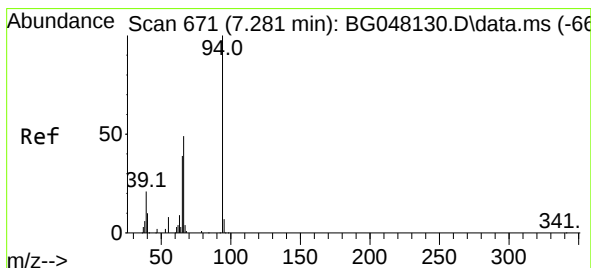
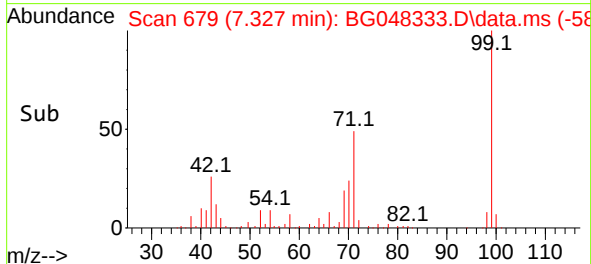
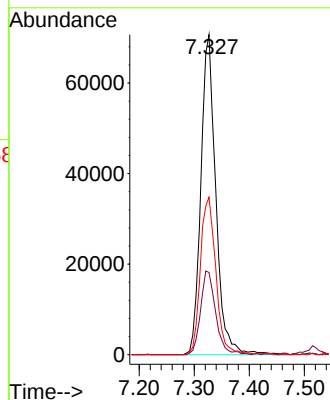
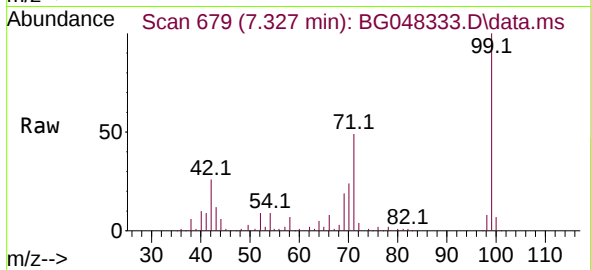




#7
Phenol-d6
Concen: 42.89 ng
RT: 7.327 min Scan# 679
Delta R.T. 0.012 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

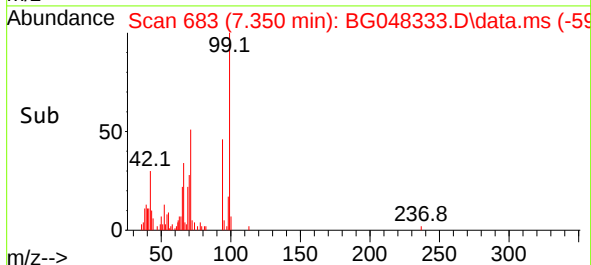
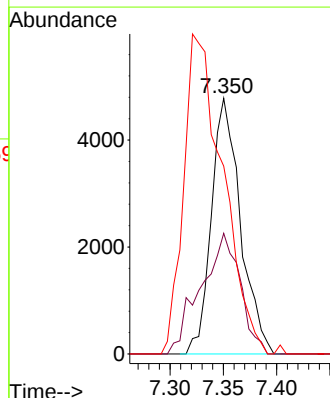
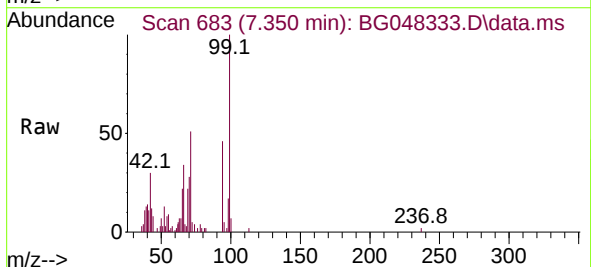
Instrument :
BNA_G
ClientSampleId :
MH-G

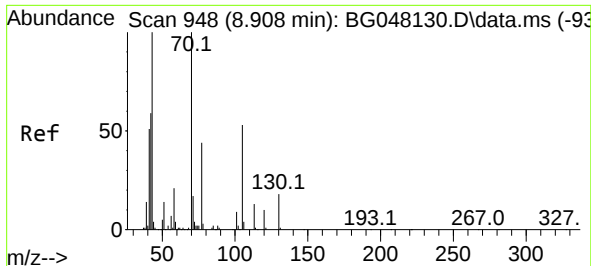
Tgt Ion: 99 Resp: 133548
Ion Ratio Lower Upper
99 100
42 25.7 12.8 19.2#
71 49.3 24.6 36.8#



#10
Phenol
Concen: 2.88 ng
RT: 7.350 min Scan# 683
Delta R.T. 0.012 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion: 94 Resp: 9062
Ion Ratio Lower Upper
94 100
65 47.2 6.6 46.6#
66 73.5 13.9 53.9#

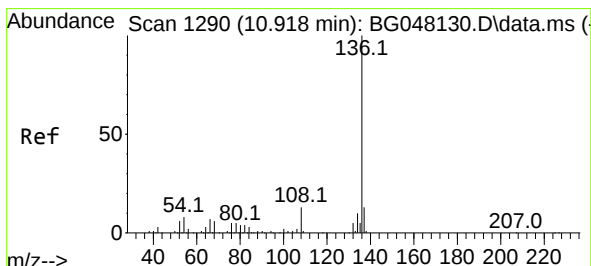
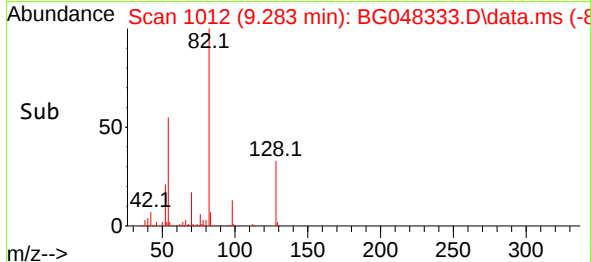
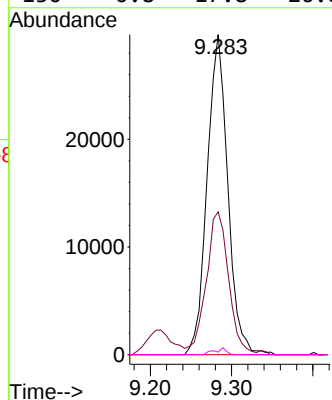
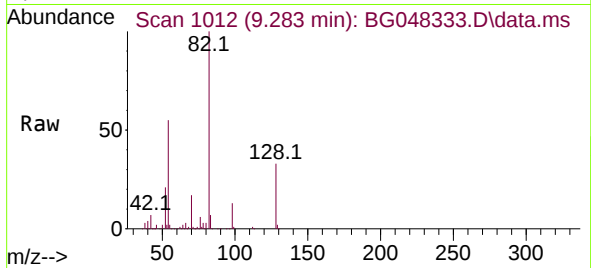




#19
n-Nitroso-di-n-propylamine
Concen: 21.85 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.365 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

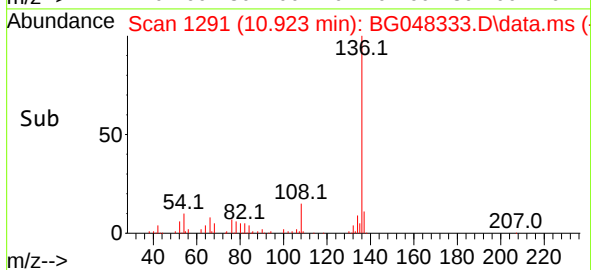
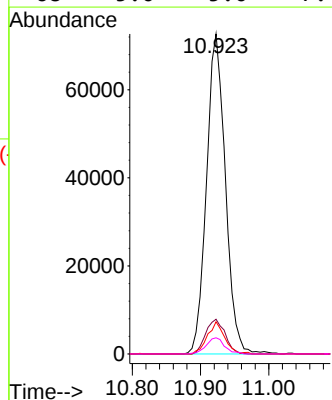
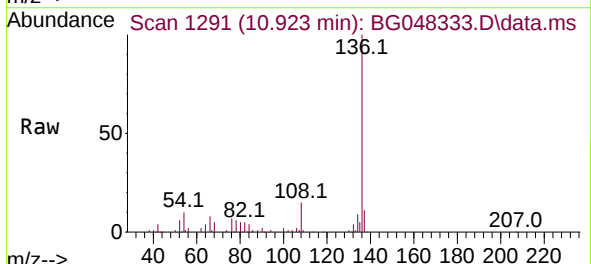
Instrument :
BNA_G
ClientSampled :
MH-G

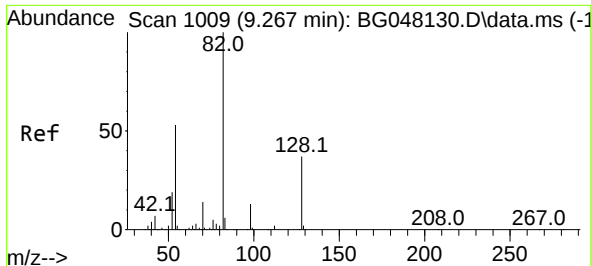
Tgt Ion: 70	Resp: 52516
Ion Ratio	Lower Upper
70 100	
42 44.7	45.6 68.4#
101 0.0	8.4 12.6#
130 0.8	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion: 136	Resp: 140153
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 10.1	6.2 9.4#
68 5.0	5.0 7.4

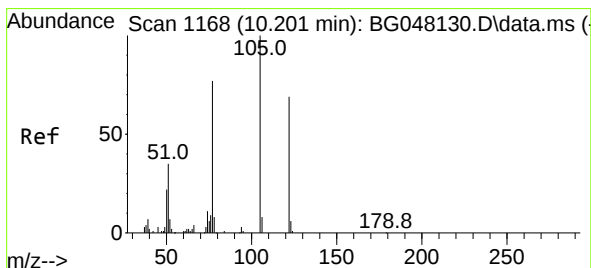
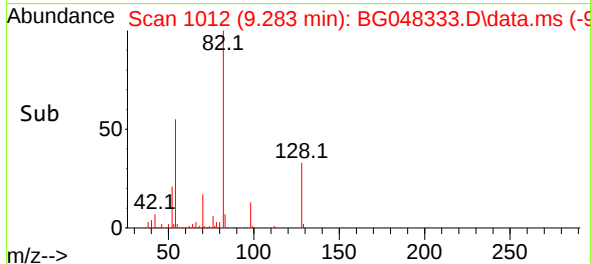
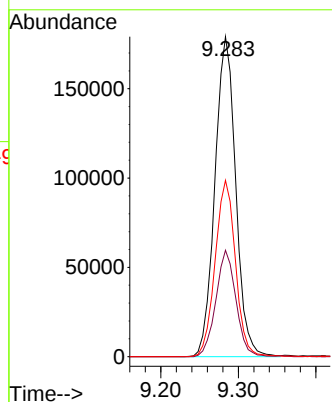
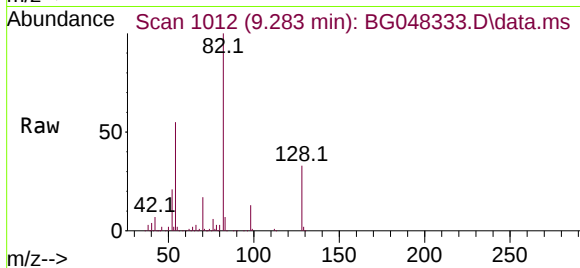




#23
Nitrobenzene-d5
Concen: 100.87 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

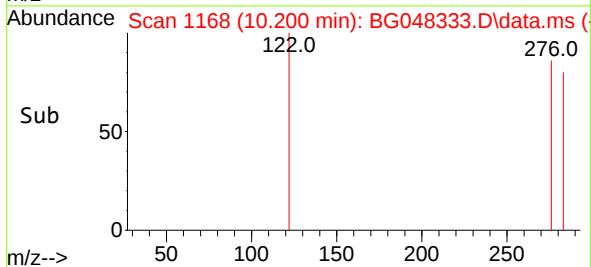
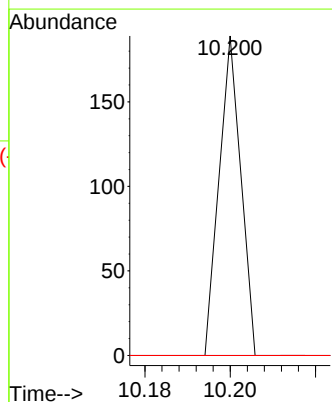
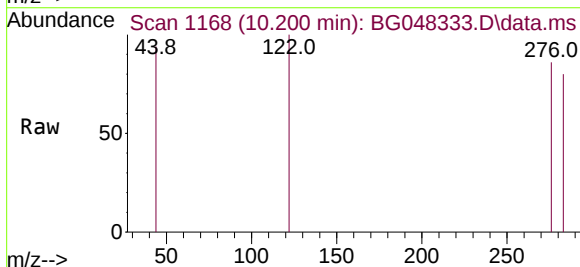
Instrument :
BNA_G
ClientSampleId :
MH-G

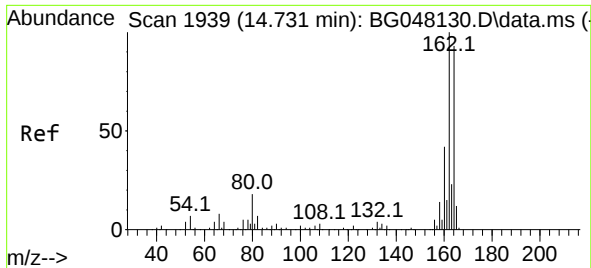
Tgt Ion: 82 Resp: 334216
Ion Ratio Lower Upper
82 100
128 33.2 37.0 55.6#
54 55.1 39.0 58.4



#32
Benzoic acid
Concen: 4.18 ng
RT: 10.200 min Scan# 1168
Delta R.T. -0.088 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

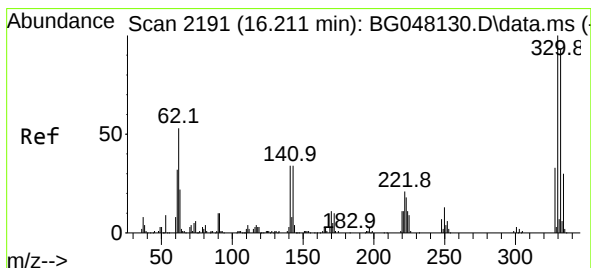
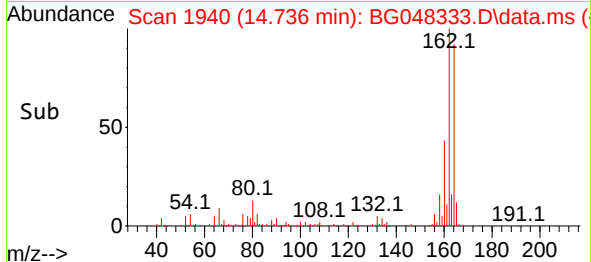
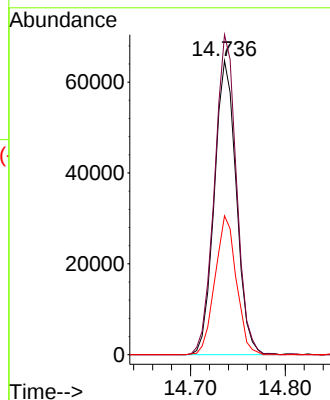
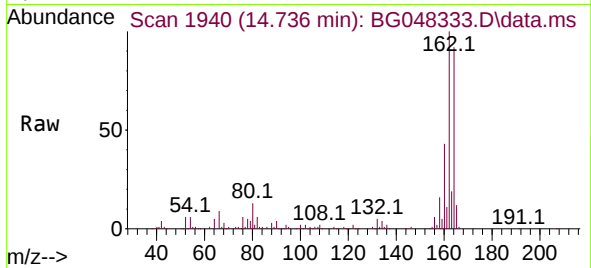




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

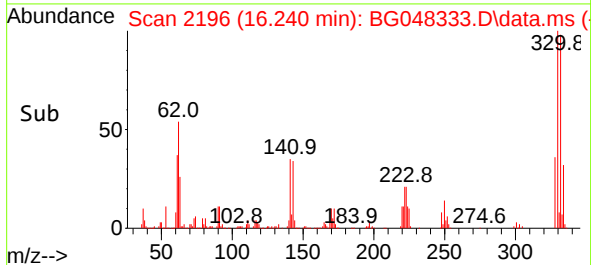
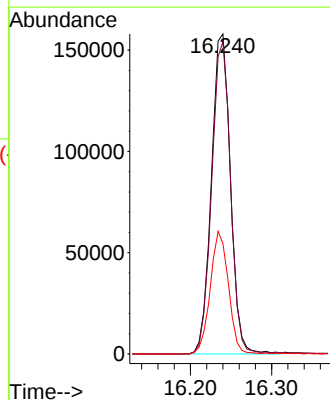
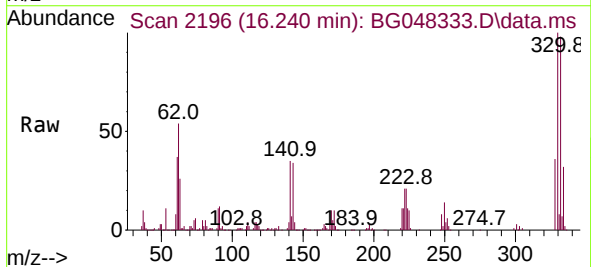
Instrument :
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ClientSampleId :
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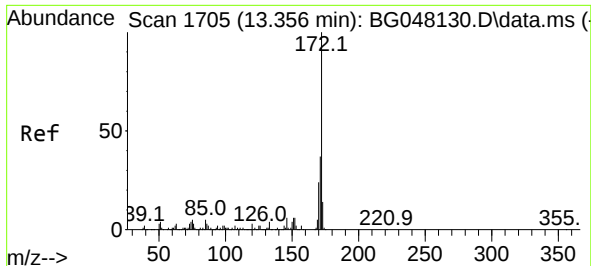
Tgt Ion:164 Resp: 104316
Ion Ratio Lower Upper
164 100
162 108.9 82.3 123.5
160 47.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 154.29 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion:330 Resp: 257444
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 36.5 26.0 39.0

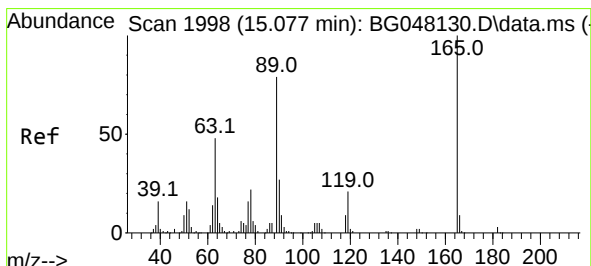
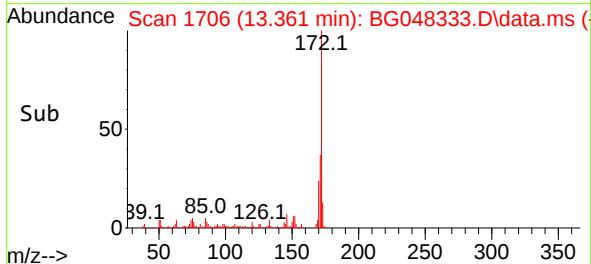
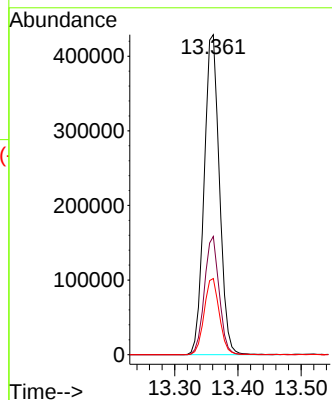
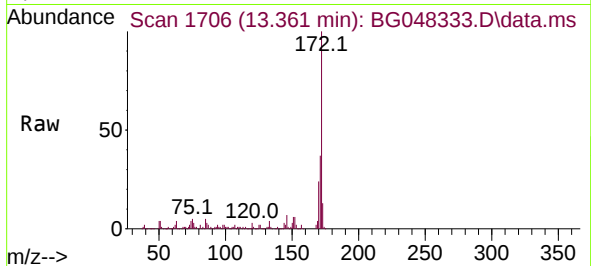




#45
2-Fluorobiphenyl
Concen: 96.68 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

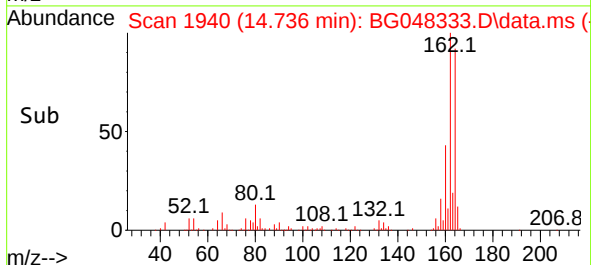
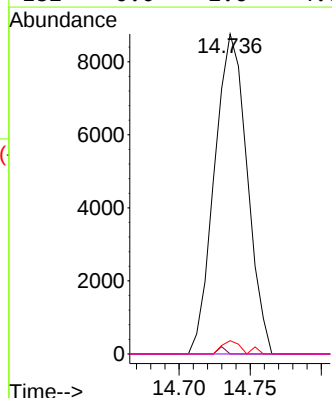
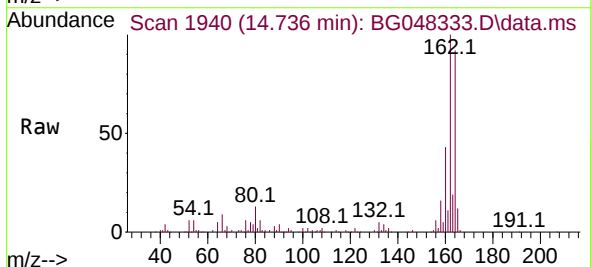
Instrument :
BNA_G
ClientSampled :
MH-G

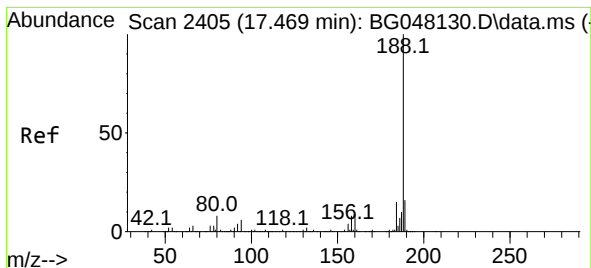
Tgt Ion:172 Resp: 719353
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 23.8 20.8 31.2



#57
2,4-Dinitrotoluene
Concen: 4.94 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.382 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion:165 Resp: 14001
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 4.2 47.8 71.8#
182 0.0 2.6 4.0#

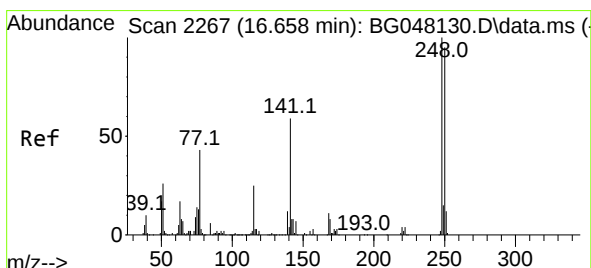
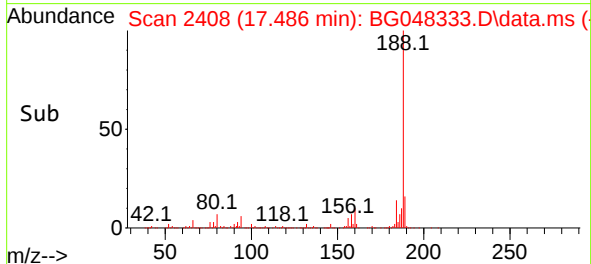
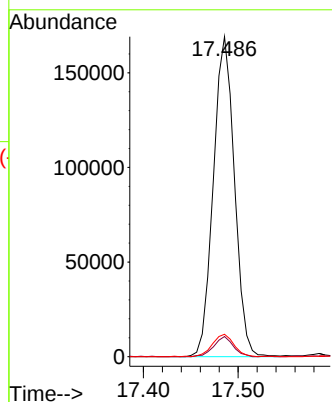
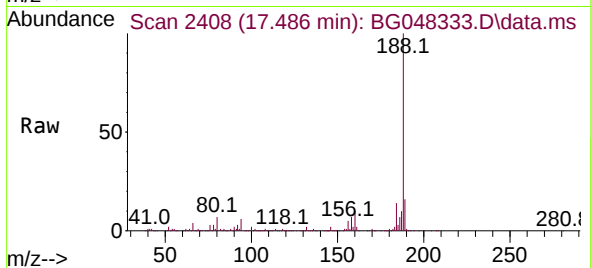




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

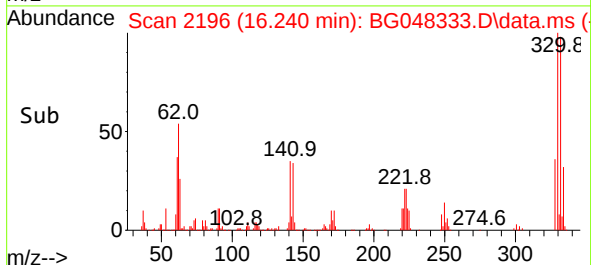
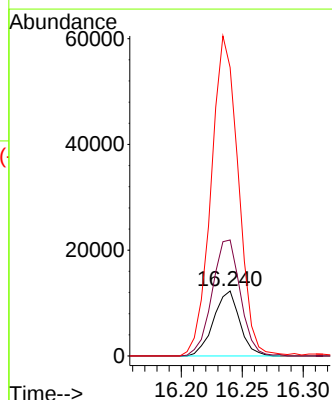
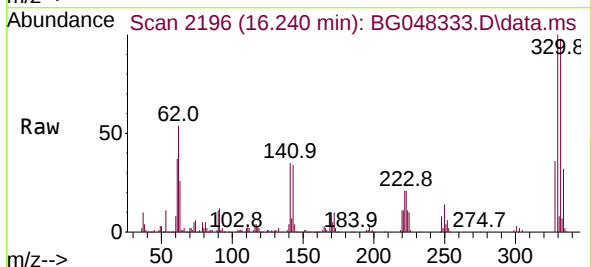
Instrument :
BNA_G
ClientSampleId :
MH-G

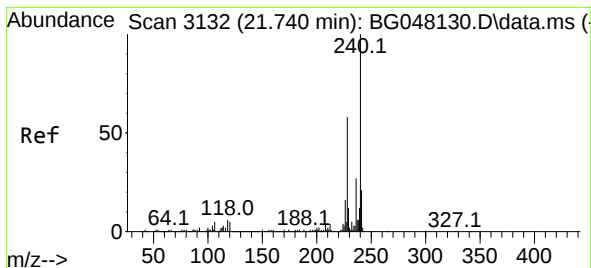
Tgt Ion:188 Resp: 261619
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5#
80 7.0 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 5.46 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.429 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion:248 Resp: 18303
Ion Ratio Lower Upper
248 100
250 178.7 78.9 118.3#
141 444.5 46.2 69.4#

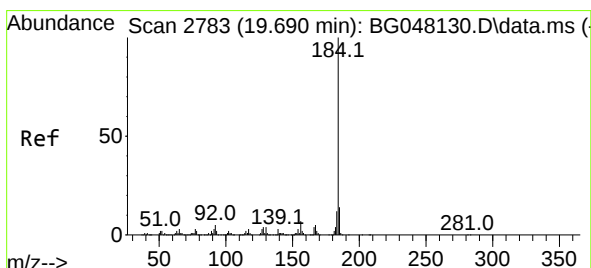
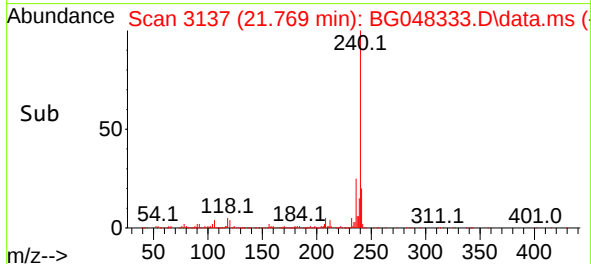
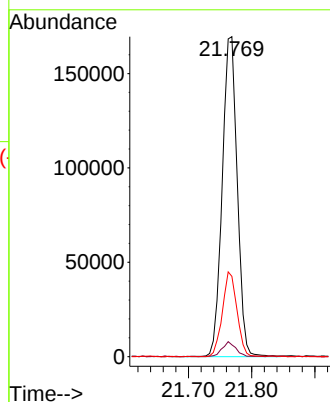
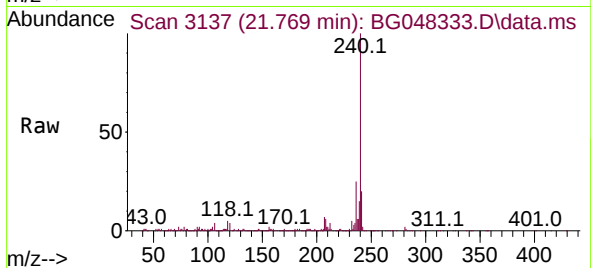




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

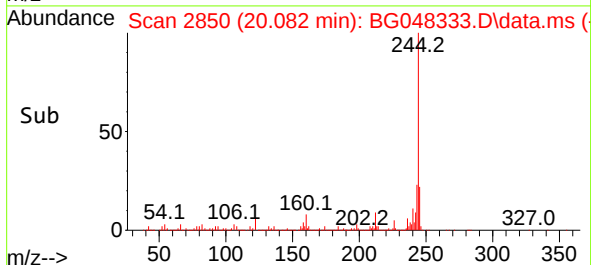
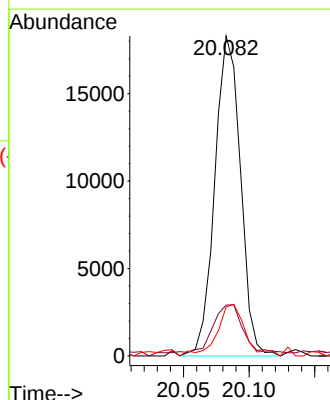
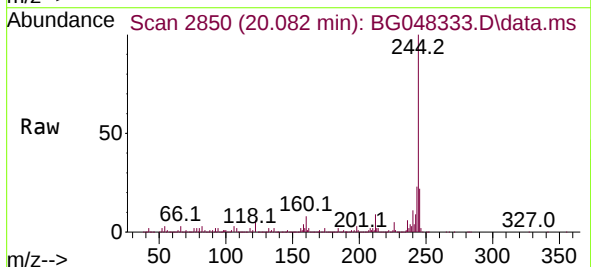
Instrument :
BNA_G
ClientSampled :
MH-G

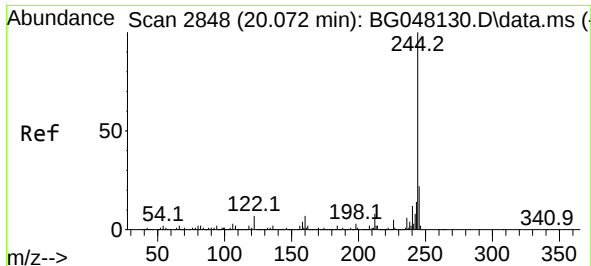
Tgt Ion:240 Resp: 280283
Ion Ratio Lower Upper
240 100
120 3.7 6.2 9.4#
236 25.1 20.5 30.7



#77
Benzidine
Concen: 2.72 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.365 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion:184 Resp: 24892
Ion Ratio Lower Upper
184 100
185 15.9 12.4 18.6
183 15.2 10.6 15.8

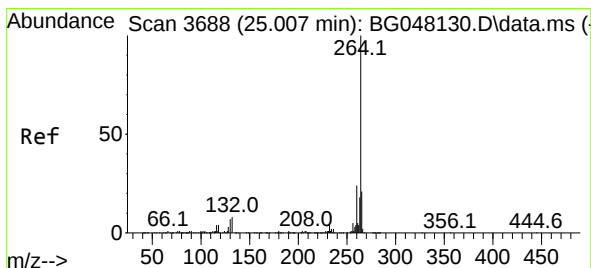
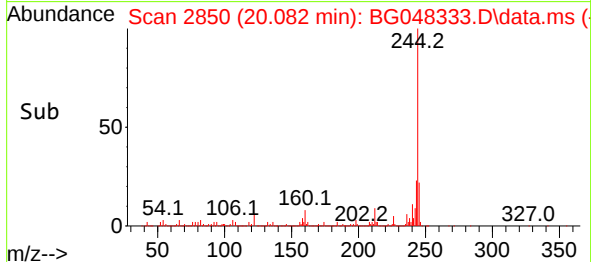
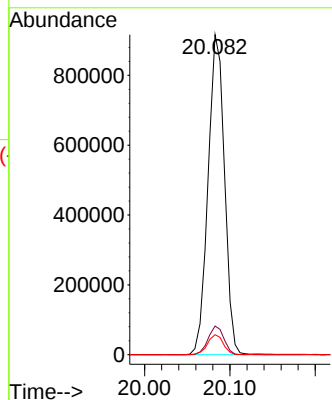
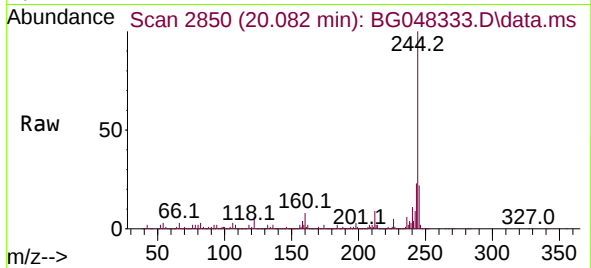




#79
Terphenyl-d14
Concen: 80.03 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Instrument :
BNA_G
ClientSampled :
MH-G

Tgt Ion:244 Resp: 1227461
Ion Ratio Lower Upper
244 100
212 9.0 6.7 10.1
122 6.2 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.059 min Scan# 3697
Delta R.T. -0.006 min
Lab File: BG048333.D
Acq: 4 Mar 2021 18:06

Tgt Ion:264 Resp: 273736
Ion Ratio Lower Upper
264 100
260 22.6 18.8 28.2
265 20.0 17.8 26.8

