

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048738.D
 Acq On : 17 Apr 2021 00:10
 Operator : CG/JU
 Sample : M2025-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Apr 17 04:21:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

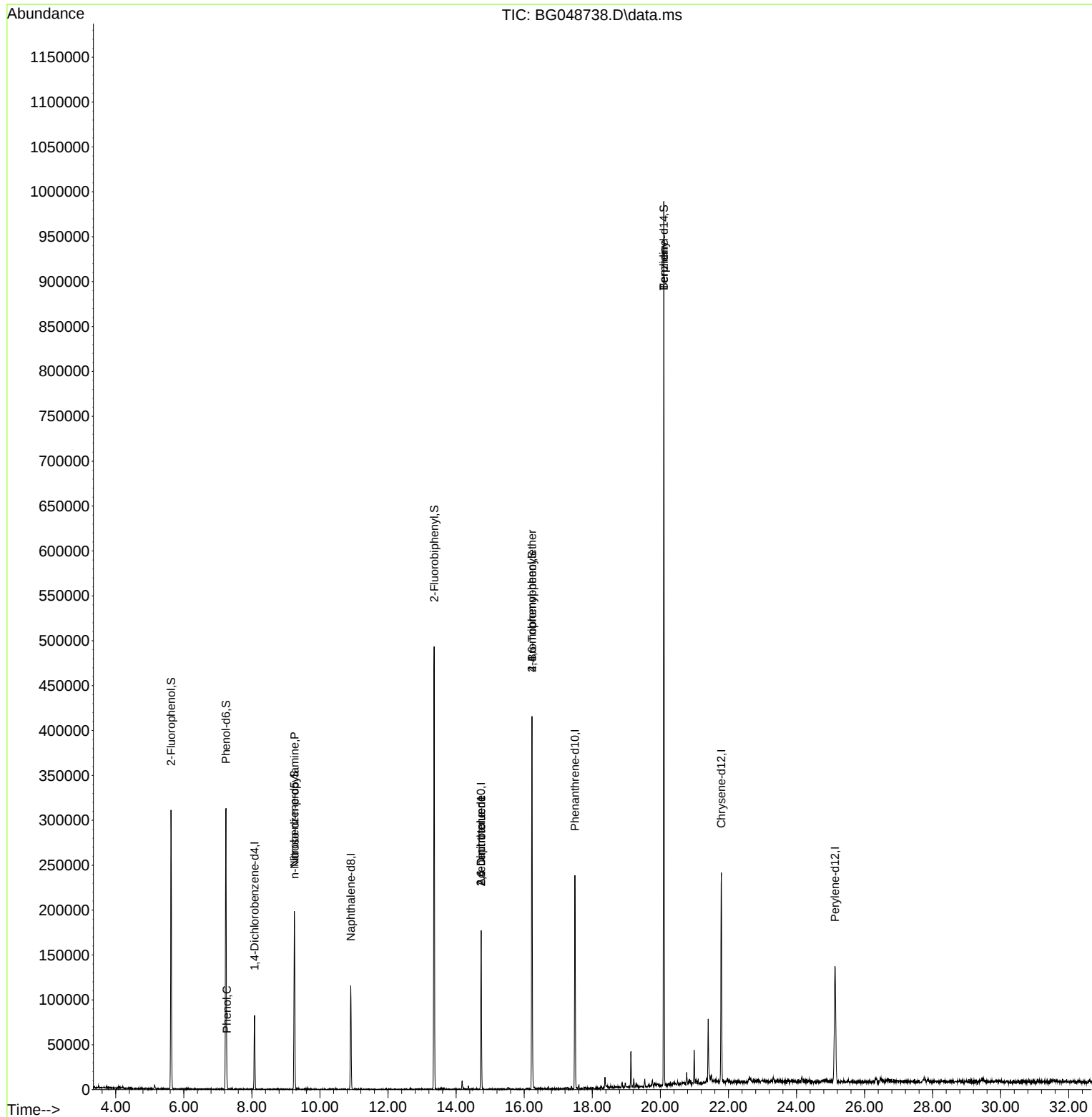
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	19245	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	87760	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	57553	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	143307	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	145149	20.00	ng	0.00
86) Perylene-d12	25.130	264	141485	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	114956	99.90	ng	0.00
7) Phenol-d6	7.239	99	148621	91.31	ng	0.00
23) Nitrobenzene-d5	9.249	82	112304	57.29	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	68298	88.51	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	236020	59.22	ng	0.00
79) Terphenyl-d14	20.101	244	436695	51.78	ng	0.00
Target Compounds						
10) Phenol	7.269	94	4112	2.57	ng	Qvalue 91
19) n-Nitroso-di-n-propyla...	9.254	70	18154	16.53	ng	# 64
51) 2,6-Dinitrotoluene	14.736	165	8581	8.62	ng	# 10
57) 2,4-Dinitrotoluene	14.736	165	8581	5.93	ng	# 15
67) 4-Bromophenyl-phenylether	16.229	248	4952	3.00	ng	# 1
77) Benzidine	20.101	184	9108	2.31	ng	# 92

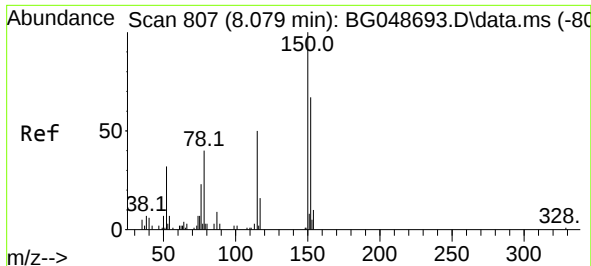
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
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QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

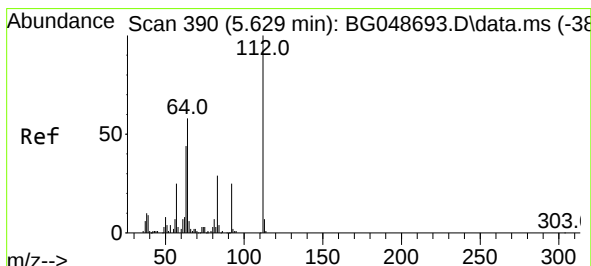
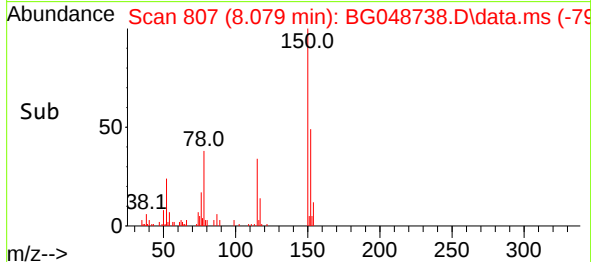
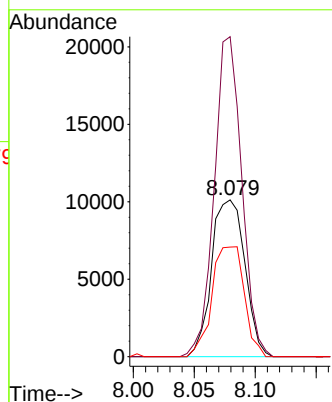
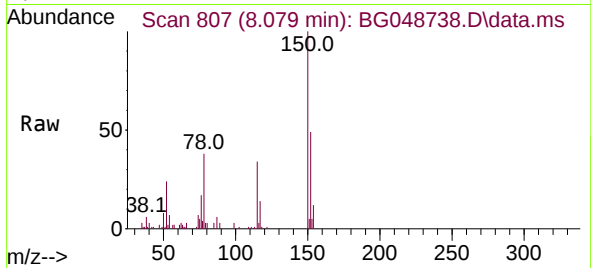




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

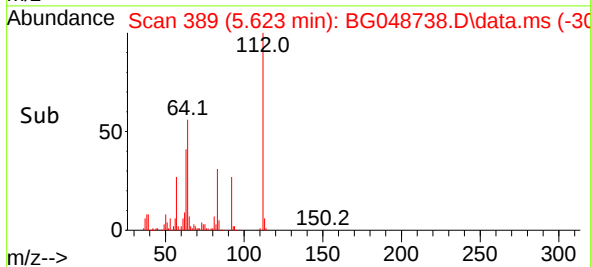
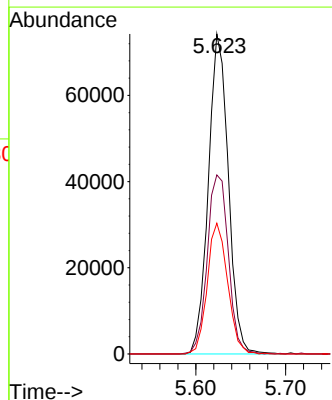
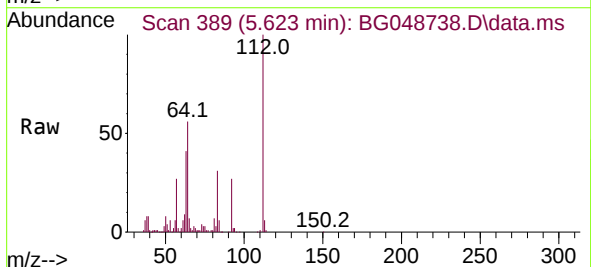
Instrument :
BNA_G
ClientSampled :
WC-2

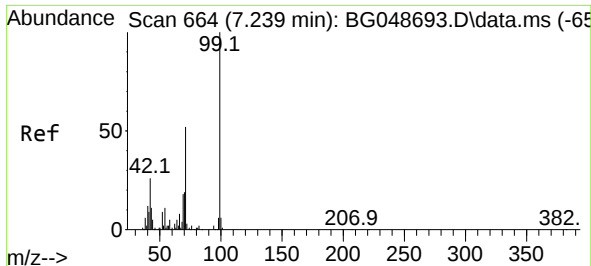
Tgt Ion:152 Resp: 19245
Ion Ratio Lower Upper
152 100
150 204.0 119.4 179.0#
115 69.8 60.2 90.4



#5
2-Fluorophenol
Concen: 99.90 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion:112 Resp: 114956
Ion Ratio Lower Upper
112 100
64 56.0 46.7 70.1
63 40.8 35.3 52.9

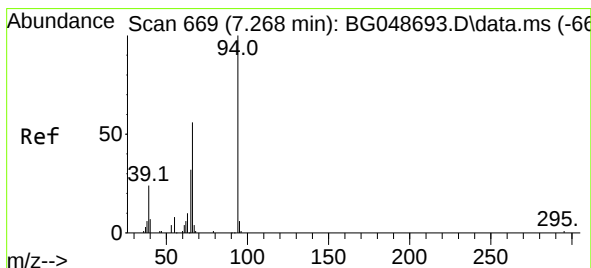
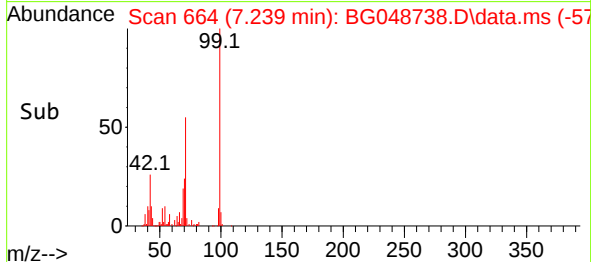
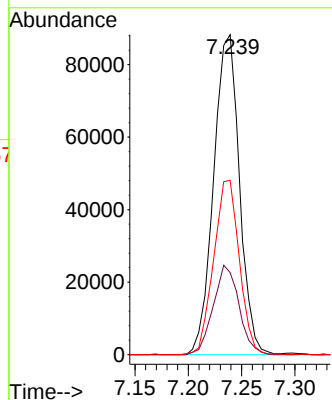
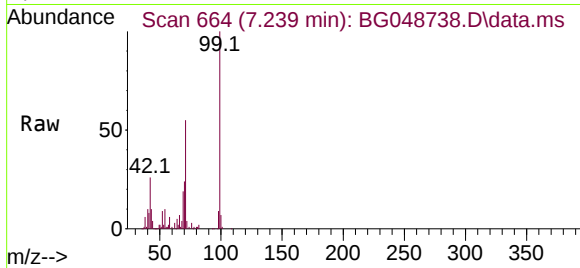




#7
Phenol-d6
Concen: 91.31 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

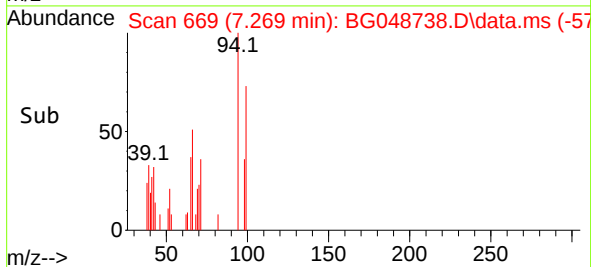
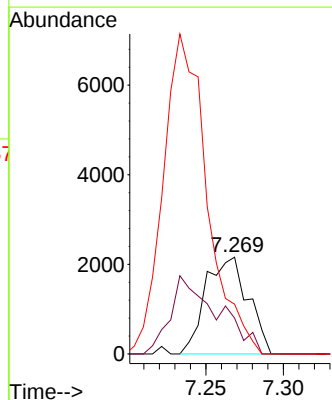
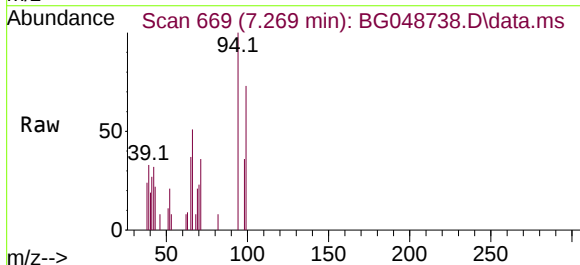
Instrument :
BNA_G
ClientSampleId :
WC-2

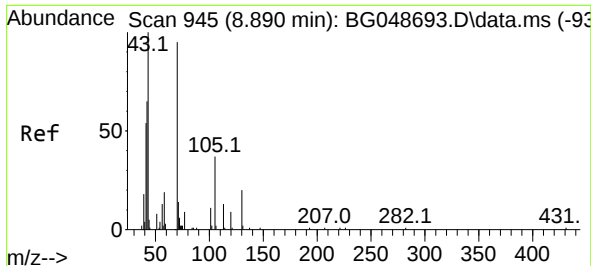
Tgt Ion: 99 Resp: 148621
Ion Ratio Lower Upper
99 100
42 25.7 20.5 30.7
71 54.5 41.5 62.3



#10
Phenol
Concen: 2.57 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion: 94 Resp: 4112
Ion Ratio Lower Upper
94 100
65 37.0 12.9 52.9
66 51.5 39.4 79.4

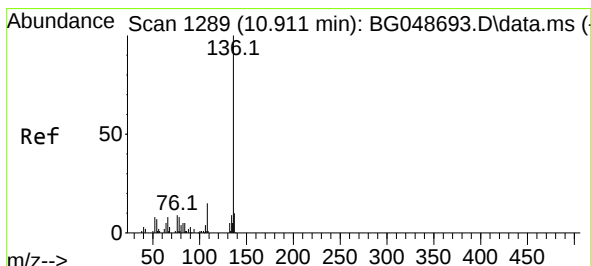
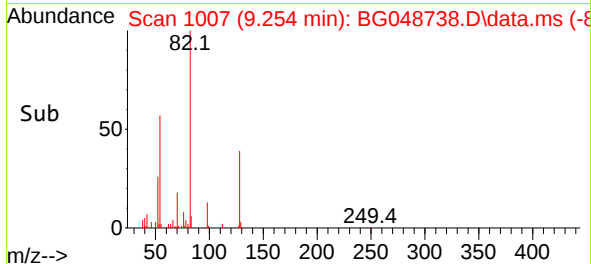
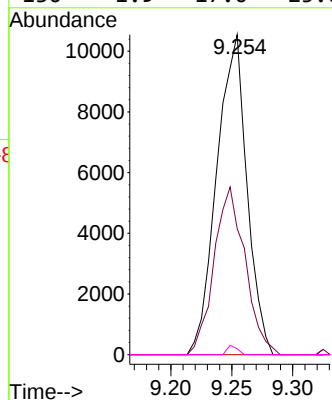
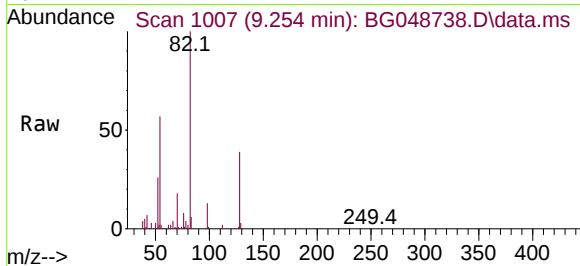




#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.364 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

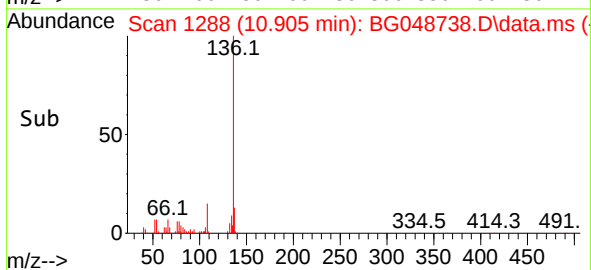
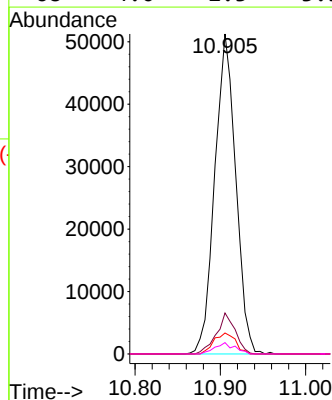
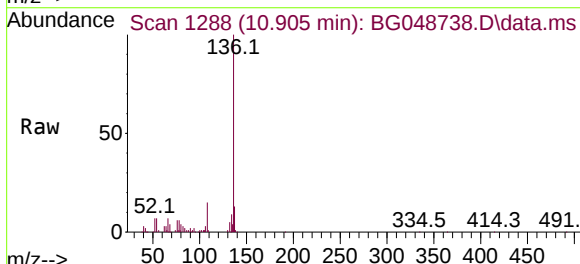
Instrument :
BNA_G
ClientSampled :
WC-2

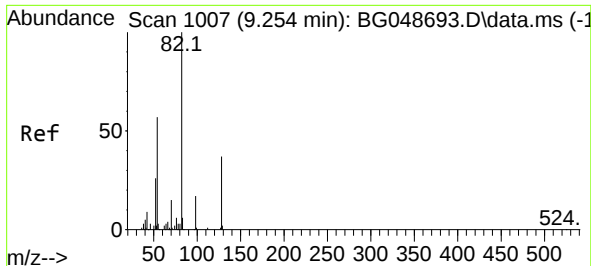
Tgt Ion: 70	Resp: 18154
Ion Ratio	Lower Upper
70 100	
42 39.4	54.5 81.7#
101 0.0	9.0 13.6#
130 1.9	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion: 136	Resp: 87760
Ion Ratio	Lower Upper
136 100	
137 12.8	8.2 12.2#
54 6.6	5.5 8.3
68 4.0	2.3 3.5#





#23

Nitrobenzene-d5

Concen: 57.29 ng

RT: 9.249 min Scan# 1006

Delta R.T. -0.007 min

Lab File: BG048738.D

Acq: 17 Apr 2021 00:10

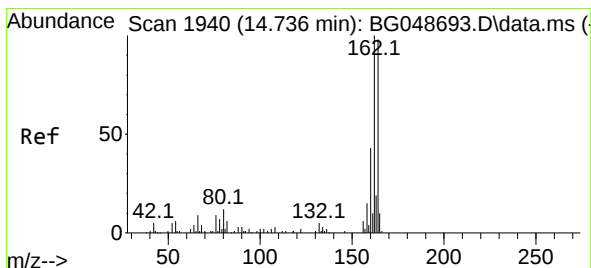
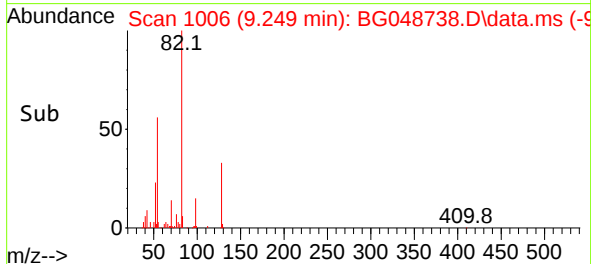
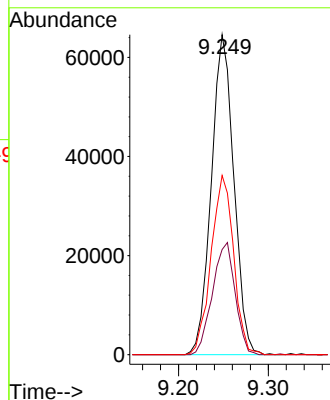
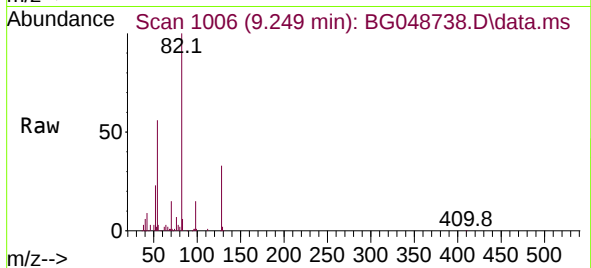
Instrument :

BNA_G

ClientSampleId :

WC-2

Tgt Ion: 82	Resp: 112304
Ion Ratio	Lower Upper
82 100	
128 32.9	29.8 44.6
54 56.0	45.8 68.8



#39

Acenaphthene-d10

Concen: 20.00 ng

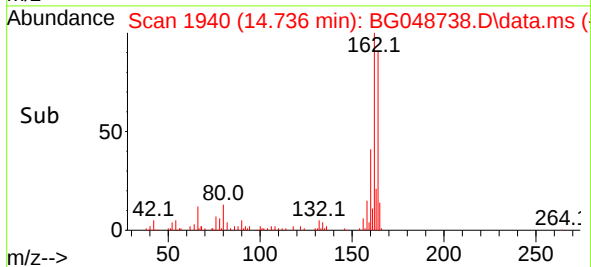
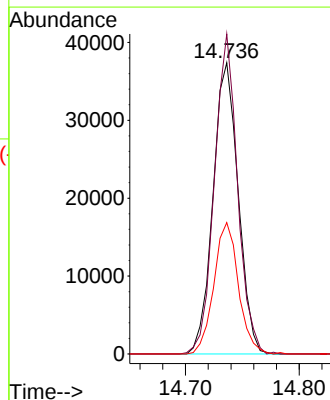
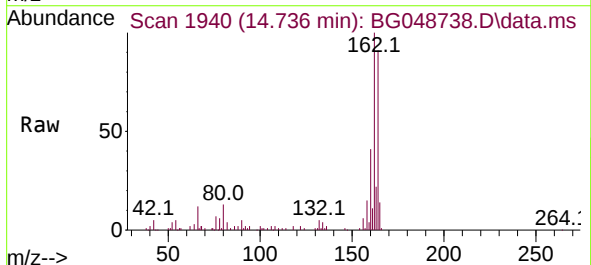
RT: 14.736 min Scan# 1940

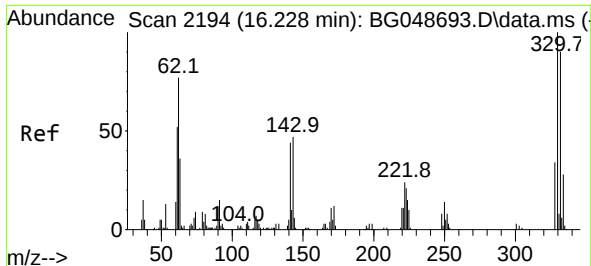
Delta R.T. -0.007 min

Lab File: BG048738.D

Acq: 17 Apr 2021 00:10

Tgt Ion: 164	Resp: 57553
Ion Ratio	Lower Upper
164 100	
162 109.9	81.4 122.0
160 45.1	34.9 52.3

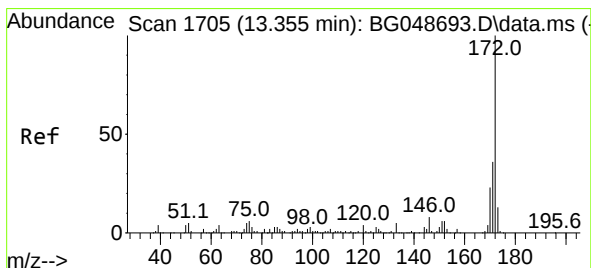
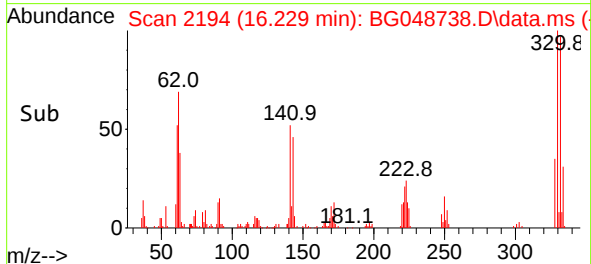
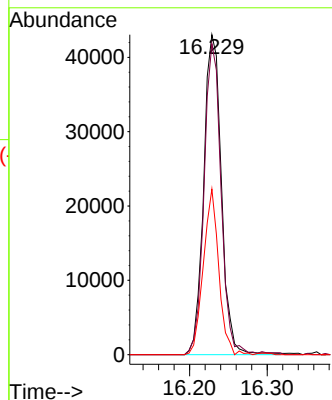
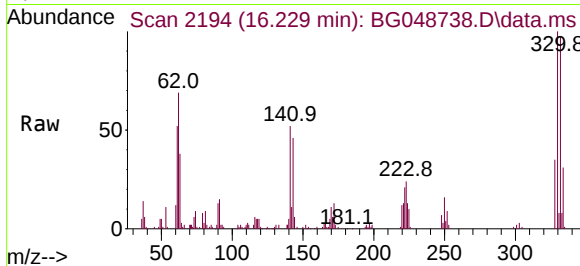




#42
2,4,6-Tribromophenol
Concen: 88.51 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

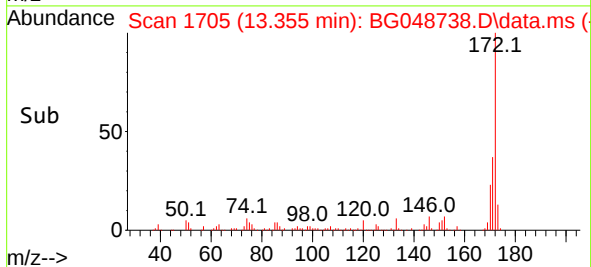
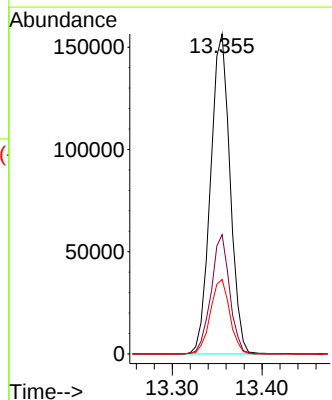
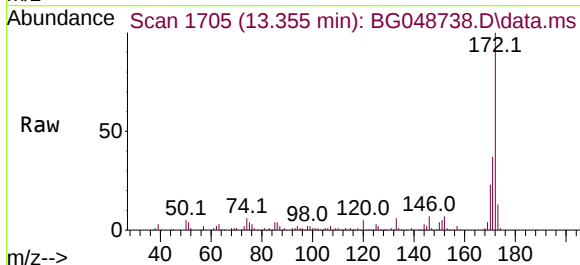
Instrument :
BNA_G
ClientSampleId :
WC-2

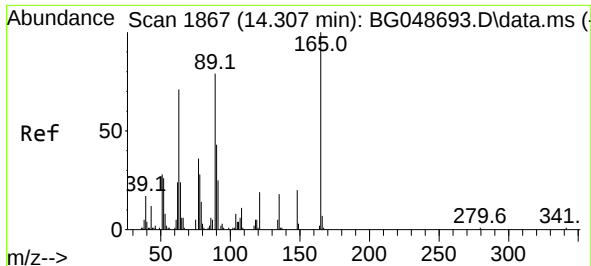
Tgt Ion:330 Resp: 68298
Ion Ratio Lower Upper
330 100
332 93.1 77.3 115.9
141 45.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 59.22 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion:172 Resp: 236020
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 23.3 18.6 27.8

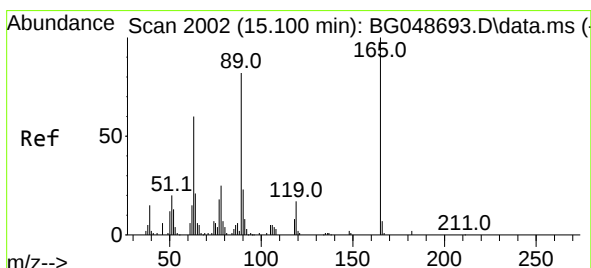
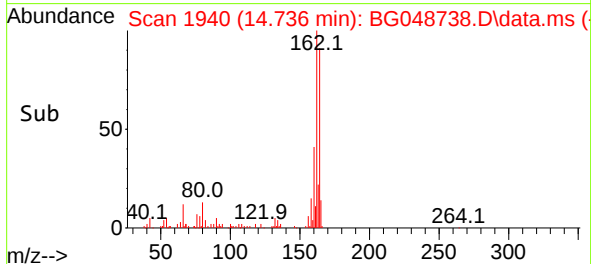
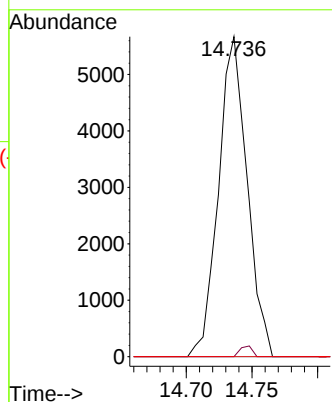
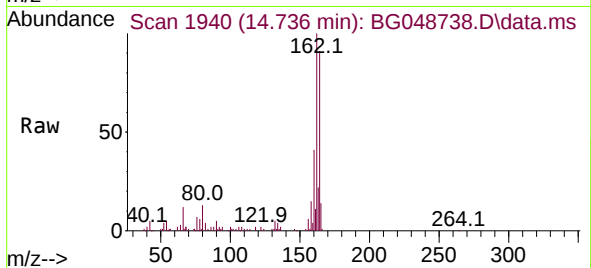




#51
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

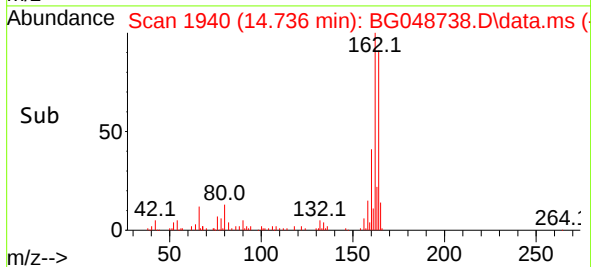
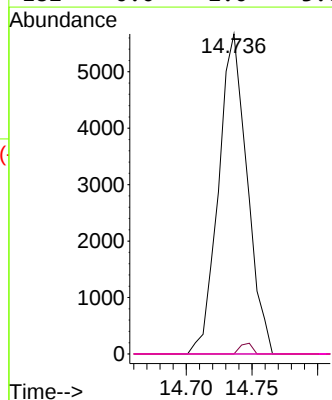
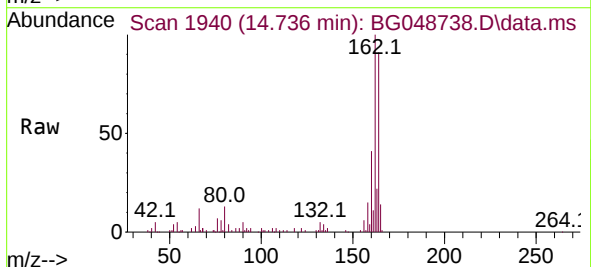
Instrument :
BNA_G
ClientSampled :
WC-2

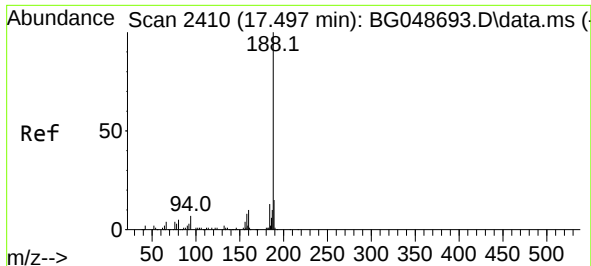
Tgt Ion:165 Resp: 8581
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion:165 Resp: 8581
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

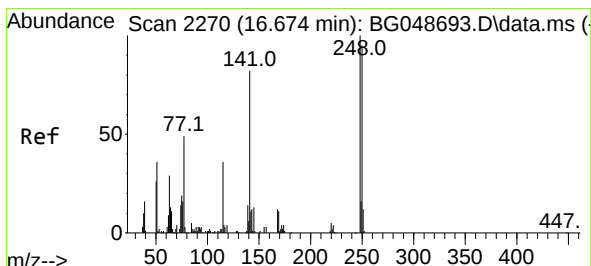
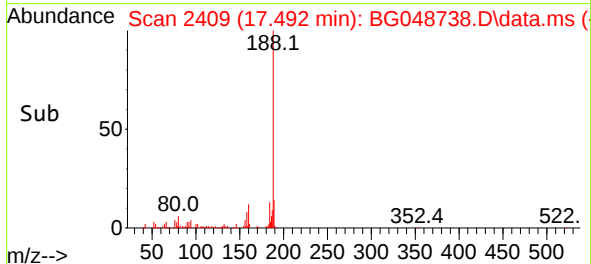
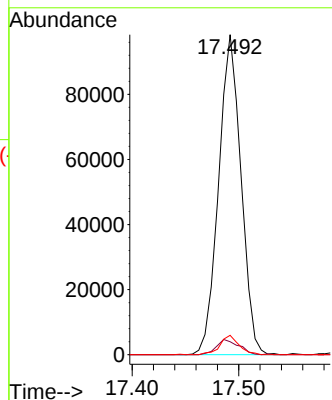
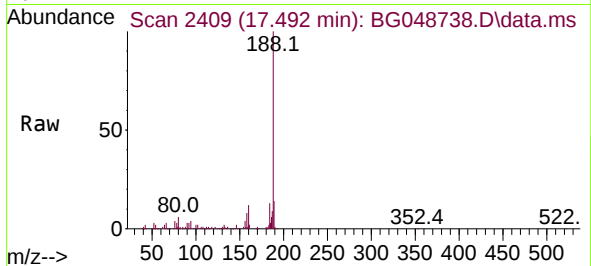




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

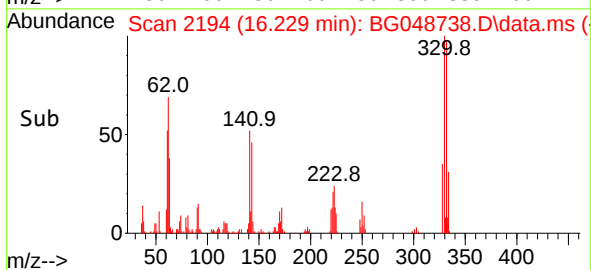
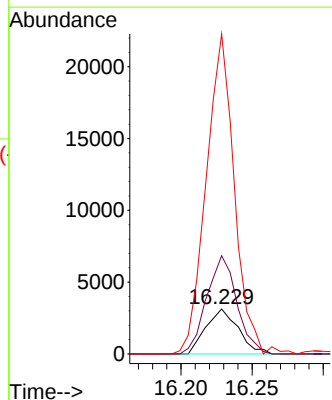
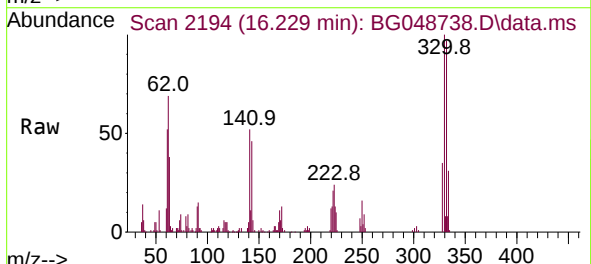
Instrument :
BNA_G
ClientSampleId :
WC-2

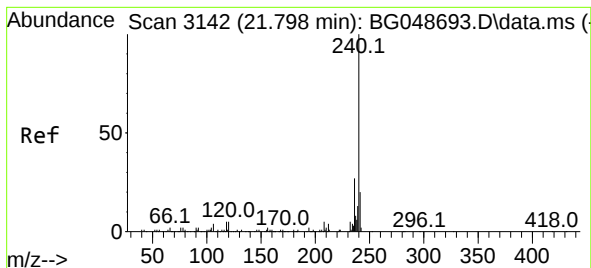
Tgt Ion:188 Resp: 143307
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 6.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion:248 Resp: 4952
Ion Ratio Lower Upper
248 100
250 218.4 76.1 114.1#
141 711.6 65.4 98.2#

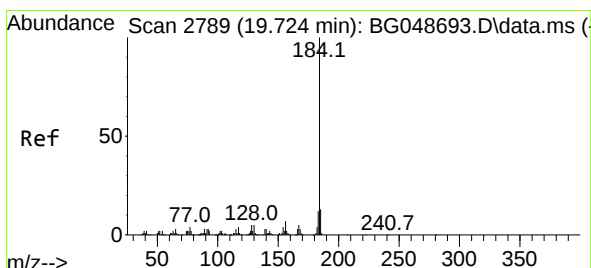
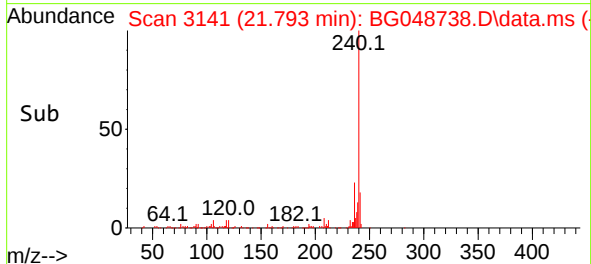
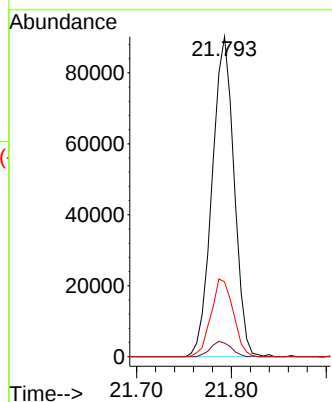
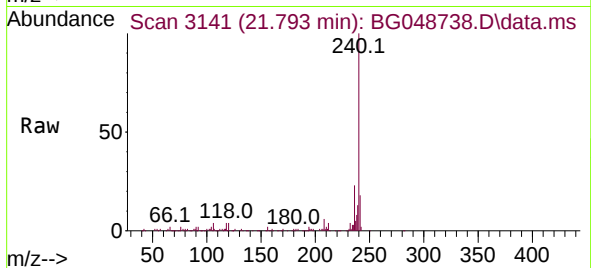




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

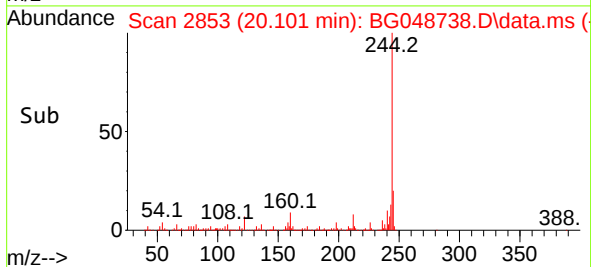
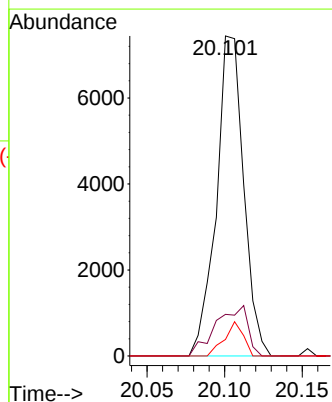
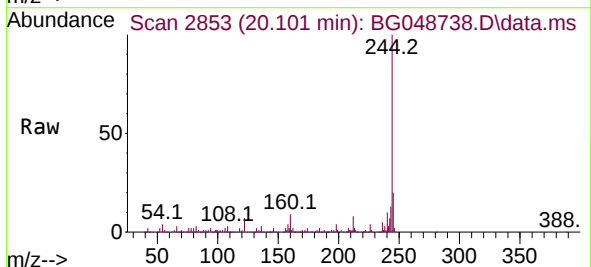
Instrument :
BNA_G
ClientSampled :
WC-2

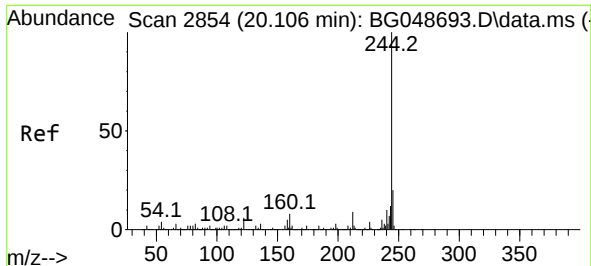
Tgt Ion:240 Resp: 145149
Ion Ratio Lower Upper
240 100
120 4.3 4.2 6.2
236 23.4 21.8 32.6



#77
Benzidine
Concen: 2.31 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion:184 Resp: 9108
Ion Ratio Lower Upper
184 100
185 13.0 10.7 16.1
183 5.2 9.4 14.0#

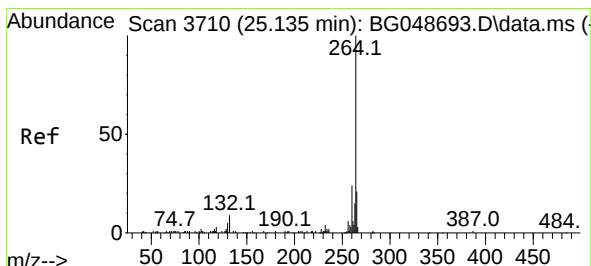
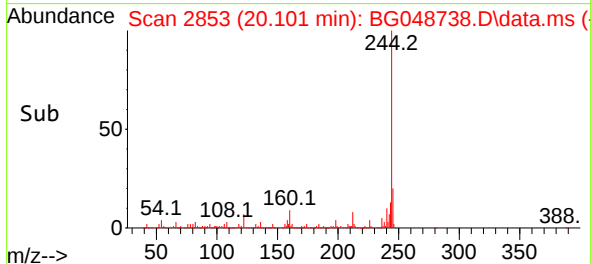
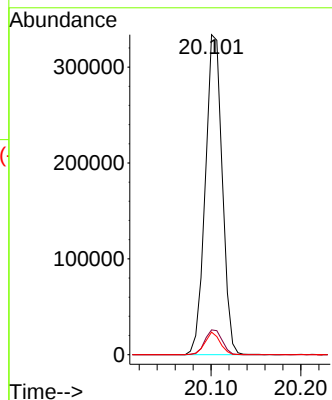
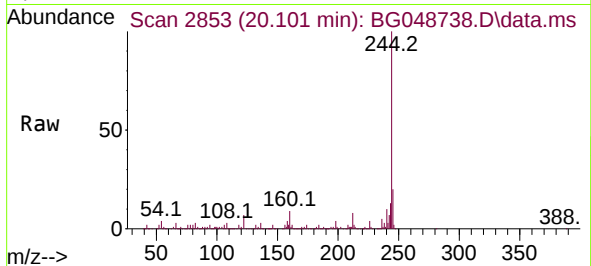




#79
Terphenyl-d14
Concen: 51.78 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:244	Resp:	436695
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.9 10.3
122	7.0	5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.130 min Scan# 3709
Delta R.T. -0.012 min
Lab File: BG048738.D
Acq: 17 Apr 2021 00:10

Tgt Ion:264	Resp:	141485
Ion Ratio	Lower	Upper
264	100	
260	21.0	19.4 29.2
265	18.7	16.9 25.3

