

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048039.D
 Acq On : 27 Jan 2021 22:18
 Operator : CG/JU
 Sample : M1212-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0021-SITE-WATER-042

Quant Time: Jan 27 23:31:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

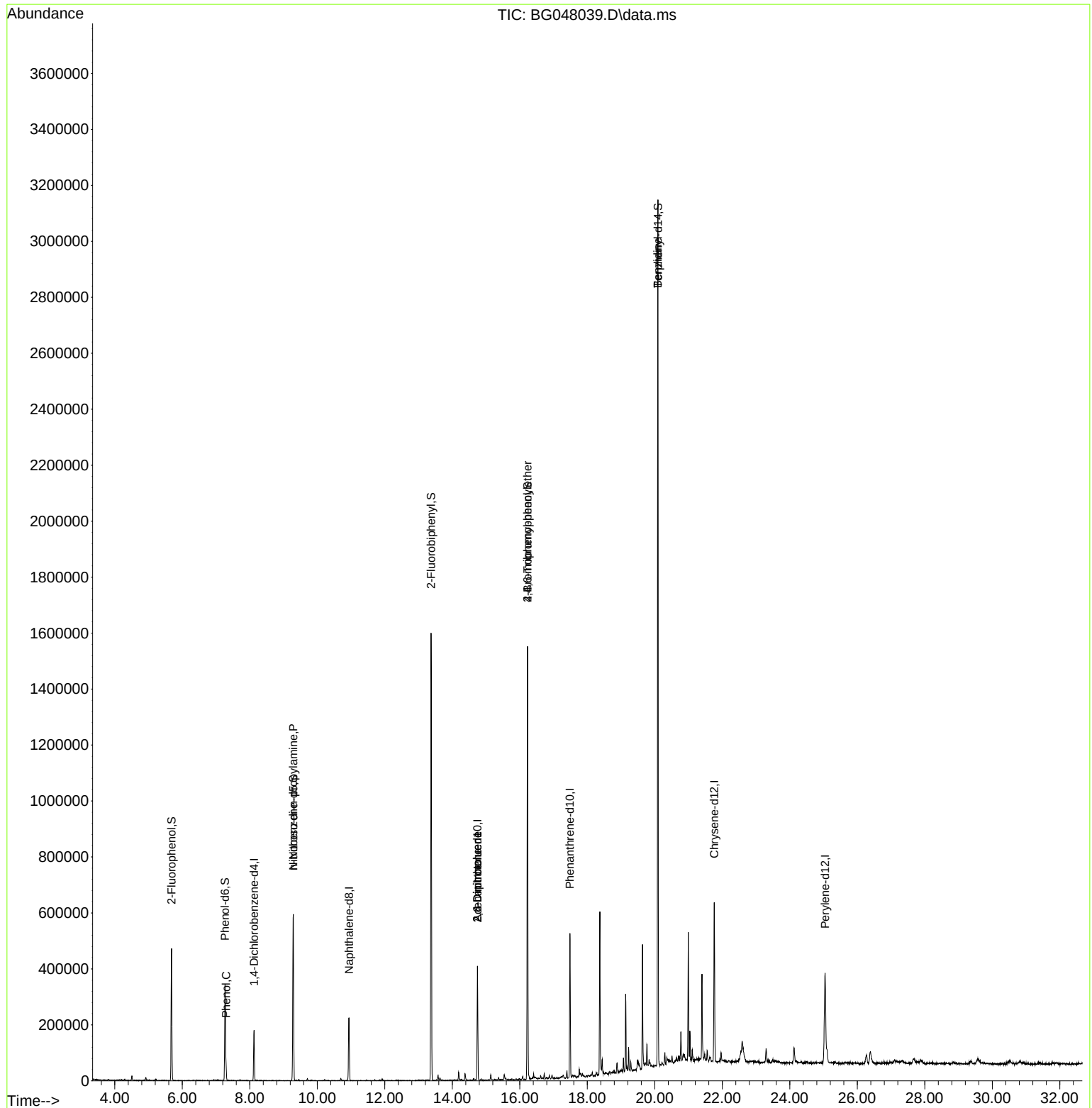
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	48454	20.00	ng	# 0.00
21) Naphthalene-d8	10.940	136	187097	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	135935	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	330504	20.00	ng	-0.01
76) Chrysene-d12	21.762	240	357584	20.00	ng	#-0.01
86) Perylene-d12	25.047	264	354355	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	191373	60.70	ng	0.00
7) Phenol-d6	7.268	99	180537	37.66	ng	-0.01
23) Nitrobenzene-d5	9.289	82	375708	79.46	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	291209	128.62	ng	-0.01
45) 2-Fluorobiphenyl	13.372	172	820336	78.02	ng	-0.01
79) Terphenyl-d14	20.094	244	1375364	66.69	ng	0.00
Target Compounds						
10) Phenol	7.297	94	27129	5.90	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	9.289	70	53638	15.33	ng	# 74
51) 2,6-Dinitrotoluene	14.747	165	18256	7.14	ng	# 32
57) 2,4-Dinitrotoluene	14.747	165	18256	4.94	ng	# 30
67) 4-Bromophenyl-phenylether	16.228	248	20464	4.63	ng	# 1
77) Benzidine	20.088	184	24702	2.39	ng	97

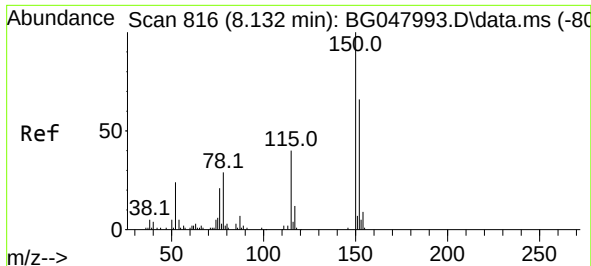
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG048039.D
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Misc :
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0021-SITE-WATER-042

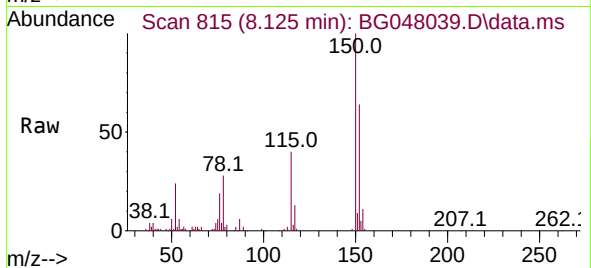
Quant Time: Jan 27 23:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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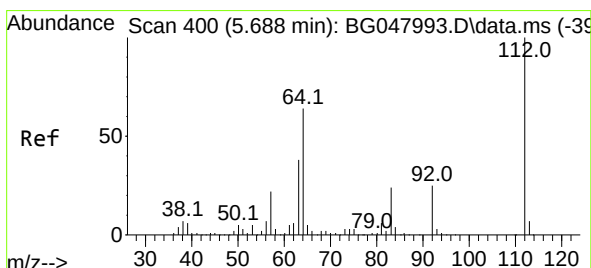
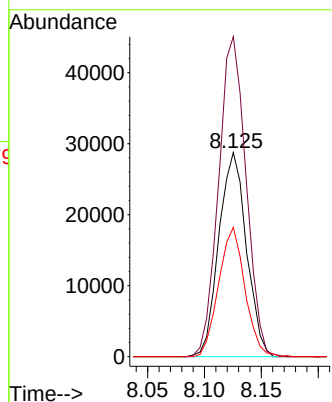
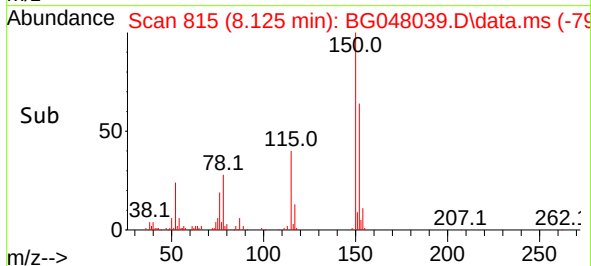


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.125 min Scan# 815
Delta R.T. -0.007 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

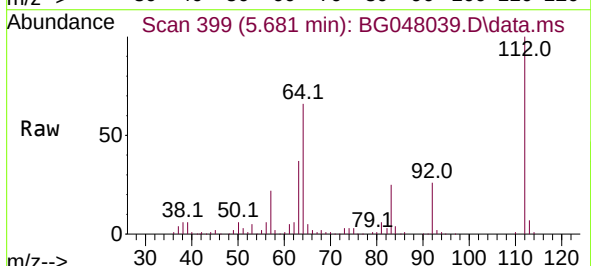
Instrument :
BNA_G
ClientSampleId :
0021-SITE-WATER-042



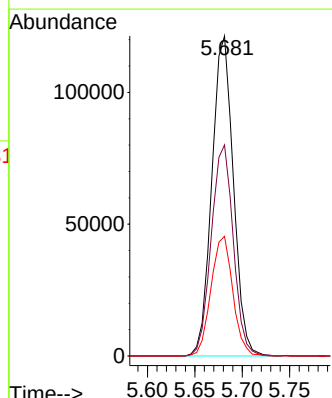
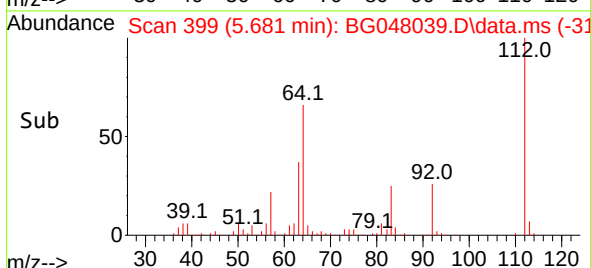
Tgt Ion:152 Resp: 48454
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 63.4 41.8 62.6#

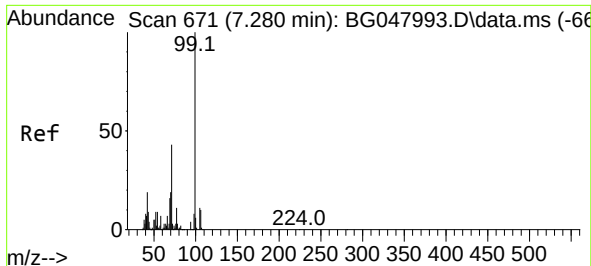


#5
2-Fluorophenol
Concen: 60.70 ng
RT: 5.681 min Scan# 399
Delta R.T. -0.007 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18



Tgt Ion:112 Resp: 191373
Ion Ratio Lower Upper
112 100
64 66.0 46.7 70.1
63 37.4 22.8 34.2#

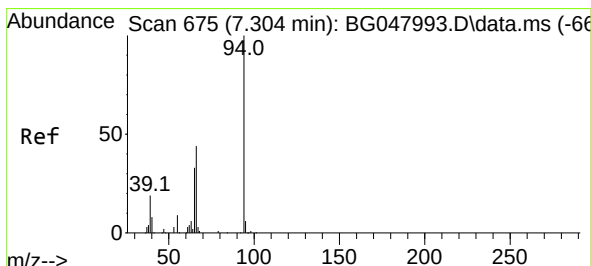
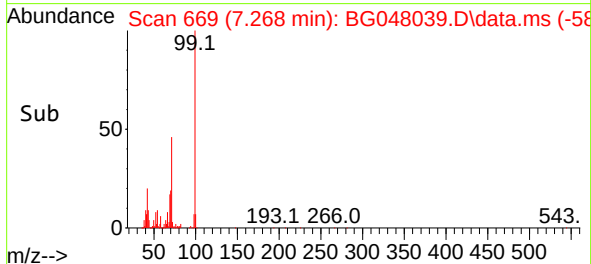
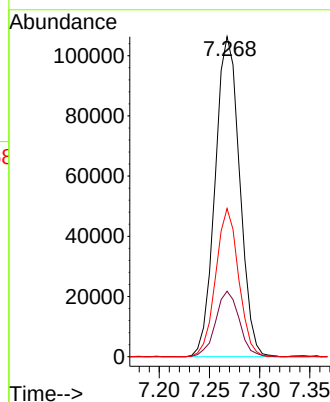
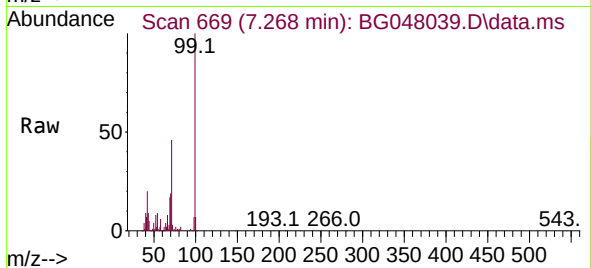




#7
Phenol-d6
Concen: 37.66 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.013 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

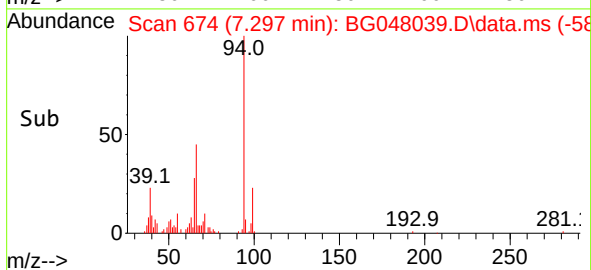
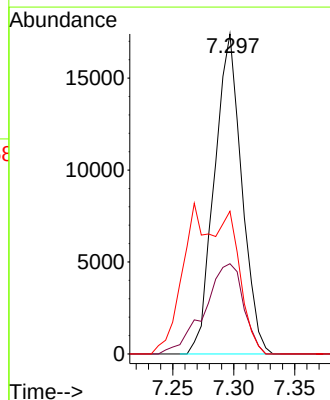
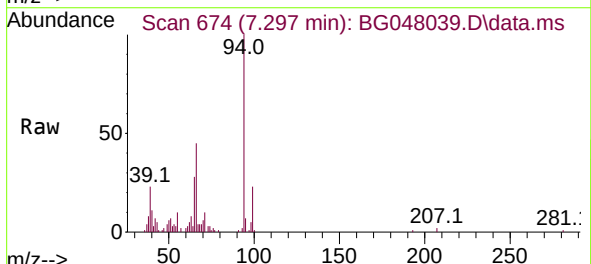
Instrument :
BNA_G
ClientSampleId :
0021-SITE-WATER-042

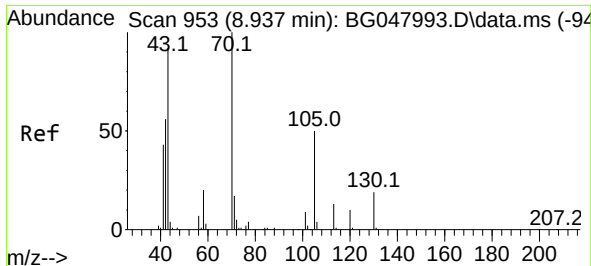
Tgt Ion: 99 Resp: 180537
Ion Ratio Lower Upper
99 100
42 20.4 12.8 19.2#
71 46.3 24.6 36.8#



#10
Phenol
Concen: 5.90 ng
RT: 7.297 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

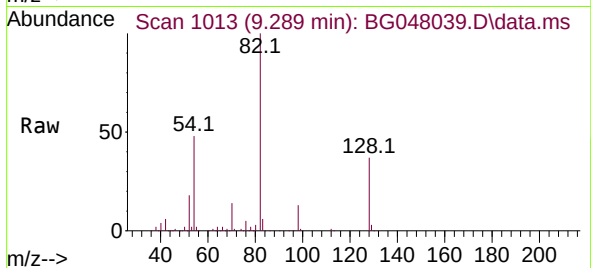
Tgt Ion: 94 Resp: 27129
Ion Ratio Lower Upper
94 100
65 28.2 6.6 46.6
66 44.6 13.9 53.9



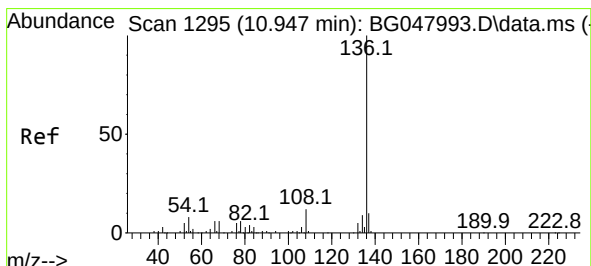
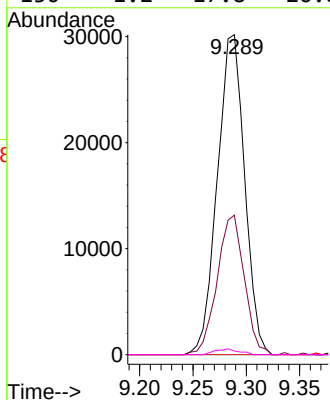
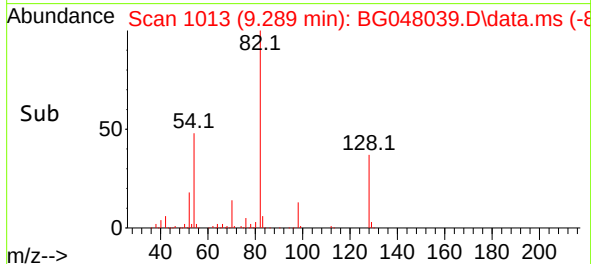


#19
n-Nitroso-di-n-propylamine
Concen: 15.33 ng
RT: 9.289 min Scan# 1013
Delta R.T. 0.351 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

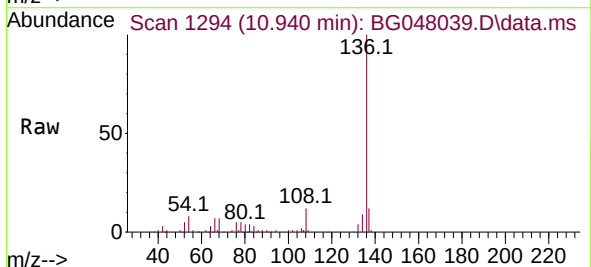
Instrument :
BNA_G
ClientSampleId :
0021-SITE-WATER-042



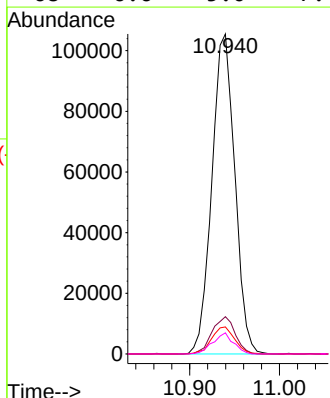
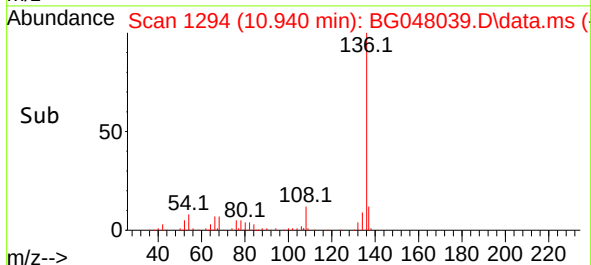
Tgt Ion: 70 Resp: 53638
Ion Ratio Lower Upper
70 100
42 43.6 45.6 68.4#
101 0.0 8.4 12.6#
130 1.2 17.8 26.8#

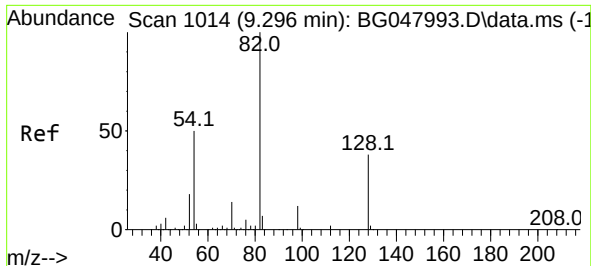


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.940 min Scan# 1294
Delta R.T. -0.007 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18



Tgt Ion: 136 Resp: 187097
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 8.4 6.2 9.4
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 79.46 ng

RT: 9.289 min Scan# 1013

Delta R.T. -0.007 min

Lab File: BG048039.D

Acq: 27 Jan 2021 22:18

Instrument :

BNA_G

ClientSampleId :

0021-SITE-WATER-042

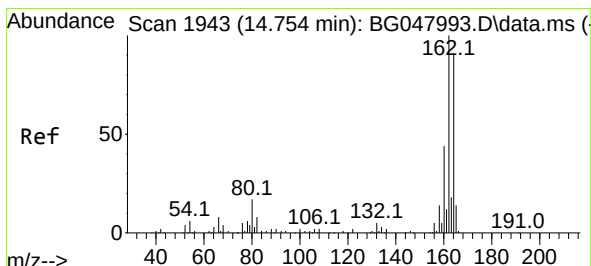
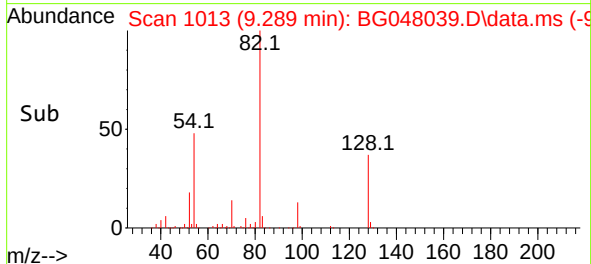
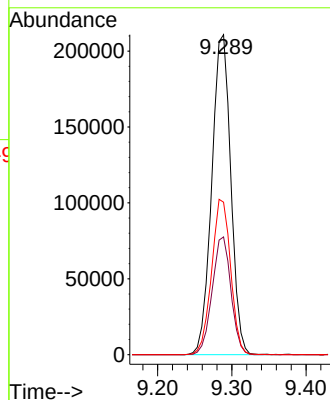
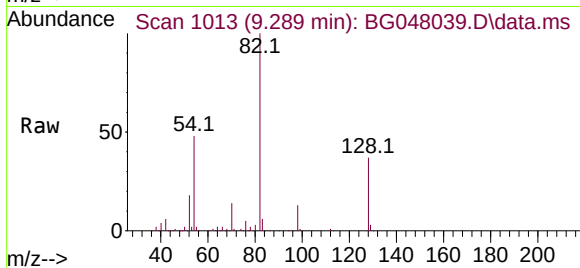
Tgt Ion: 82 Resp: 375708

Ion Ratio Lower Upper

82 100

128 36.8 37.0 55.6#

54 47.7 39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.747 min Scan# 1942

Delta R.T. -0.007 min

Lab File: BG048039.D

Acq: 27 Jan 2021 22:18

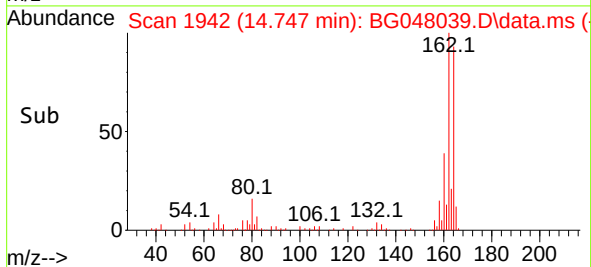
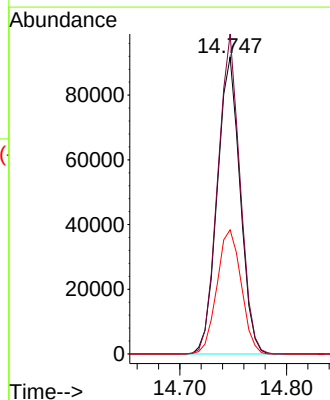
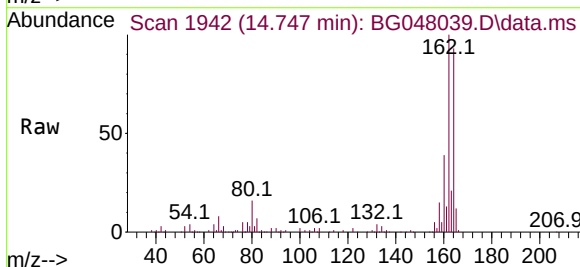
Tgt Ion:164 Resp: 135935

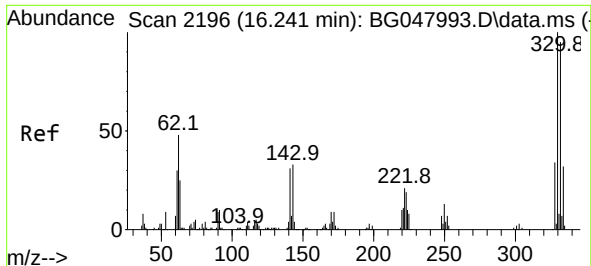
Ion Ratio Lower Upper

164 100

162 107.8 82.3 123.5

160 41.8 35.3 52.9

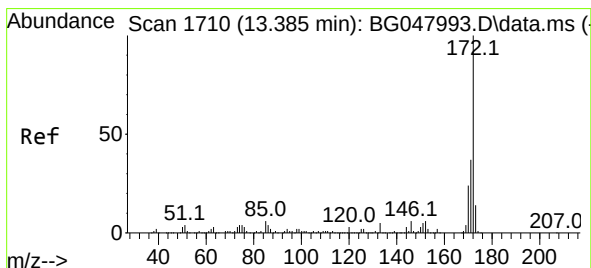
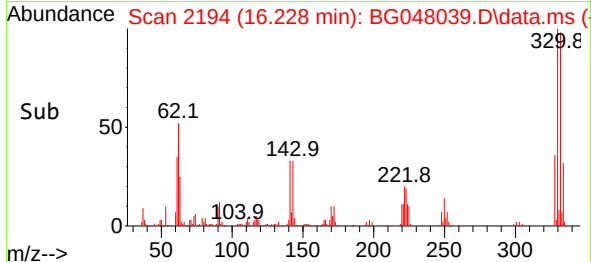
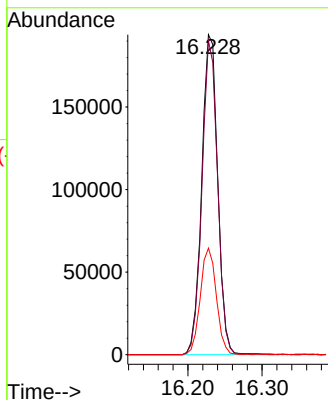
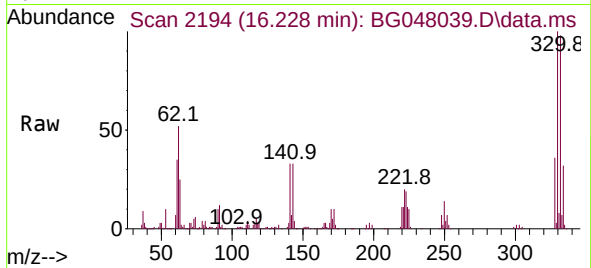




#42
2,4,6-Tribromophenol
Concen: 128.62 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.013 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

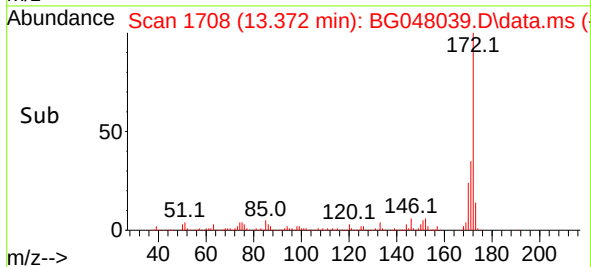
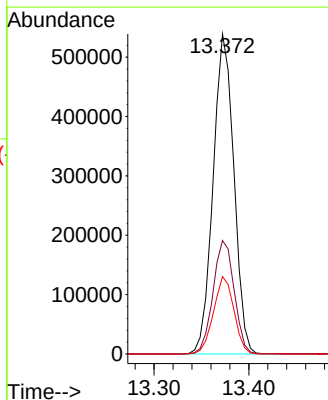
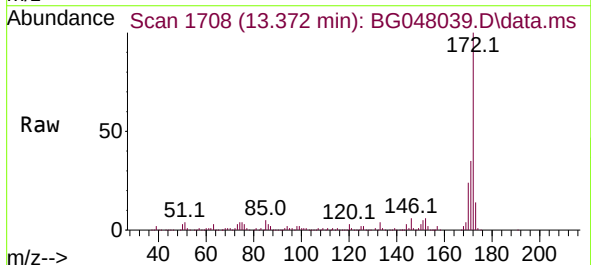
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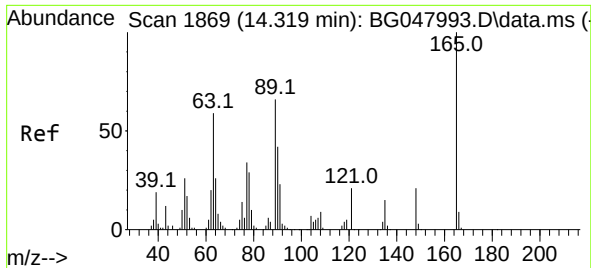
Tgt Ion:	330	Resp:	291209
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.5	114.7
141	33.4	26.0	39.0



#45
2-Fluorobiphenyl
Concen: 78.02 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.013 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

Tgt Ion:	172	Resp:	820336
Ion Ratio	Lower	Upper	
172	100		
171	35.4	31.3	46.9
170	24.2	20.8	31.2

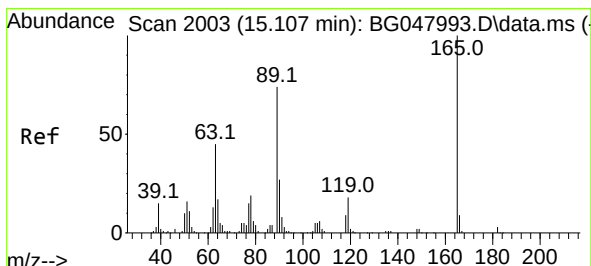
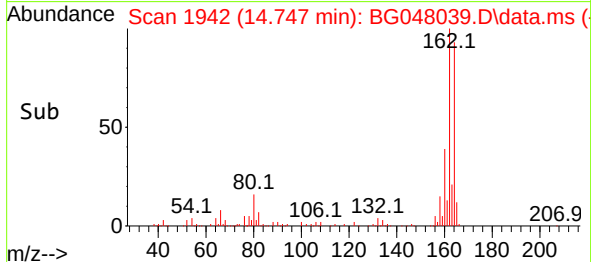
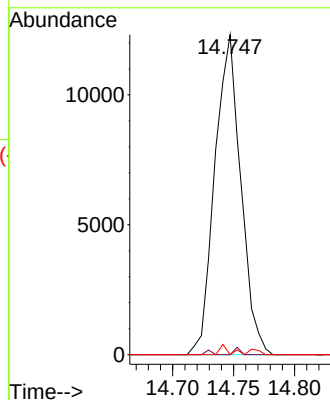
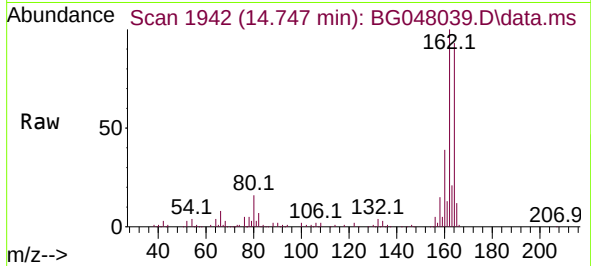




#51
2,6-Dinitrotoluene
Concen: 7.14 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.428 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

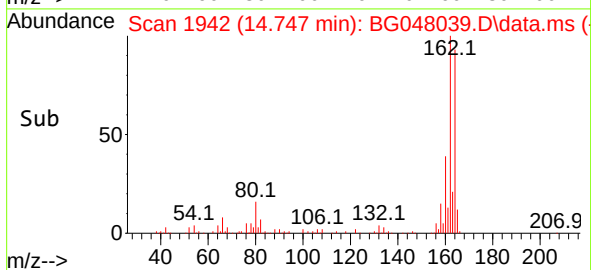
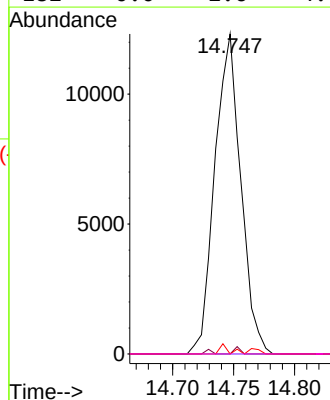
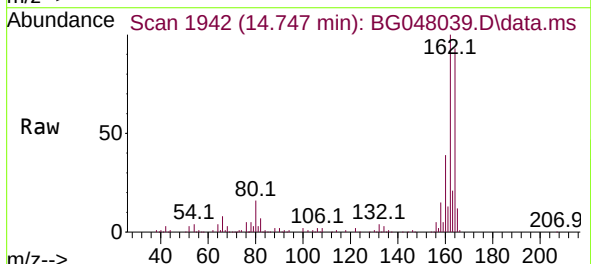
Instrument :
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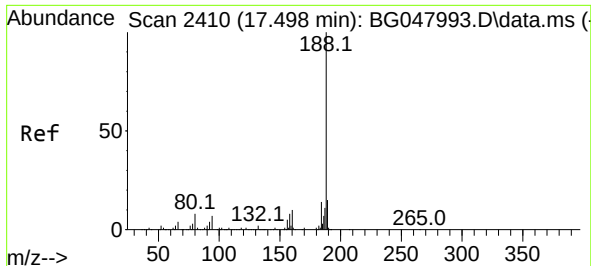
Tgt Ion:165 Resp: 18256
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.94 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.360 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

Tgt Ion:165 Resp: 18256
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

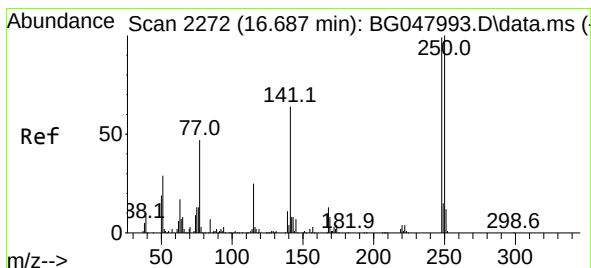
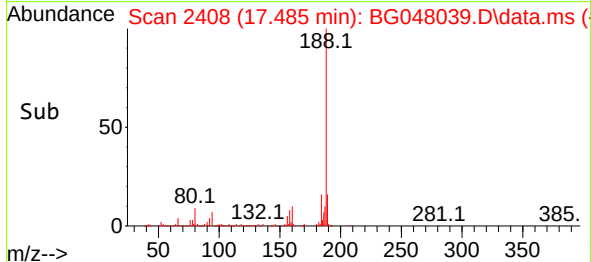
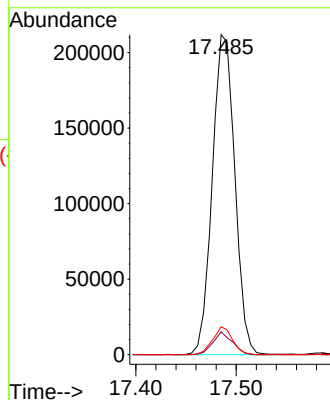
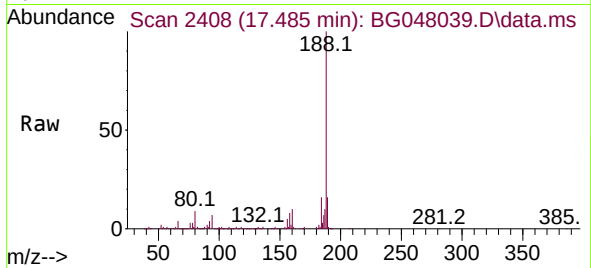




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. -0.013 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

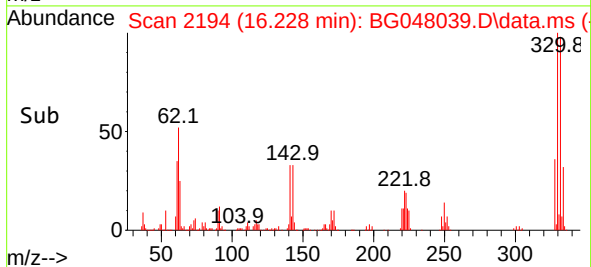
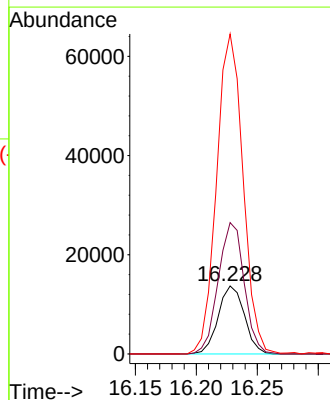
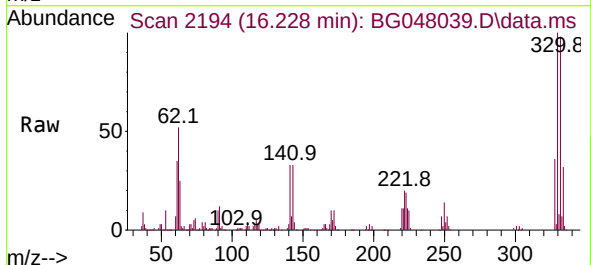
Instrument :
BNA_G
ClientSampleId :
0021-SITE-WATER-042

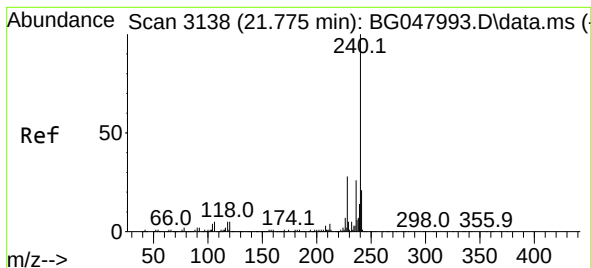
Tgt Ion:188 Resp: 330504
Ion Ratio Lower Upper
188 100
94 7.1 6.3 9.5
80 8.7 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.459 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

Tgt Ion:248 Resp: 20464
Ion Ratio Lower Upper
248 100
250 193.1 78.9 118.3#
141 470.4 46.2 69.4#

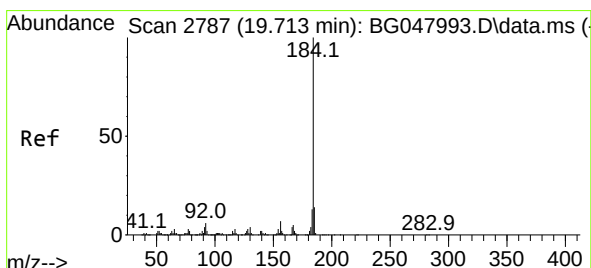
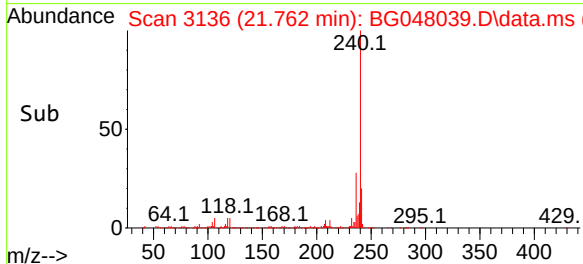
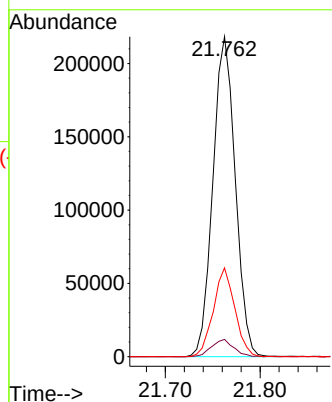
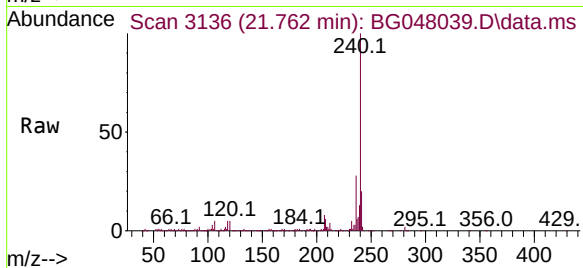




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3136
Delta R.T. -0.013 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

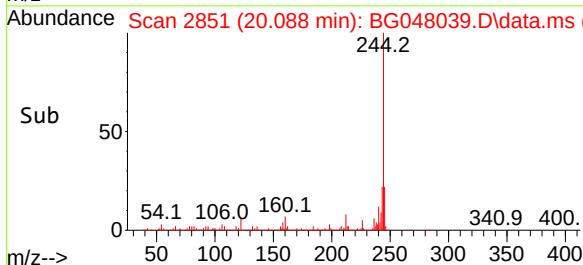
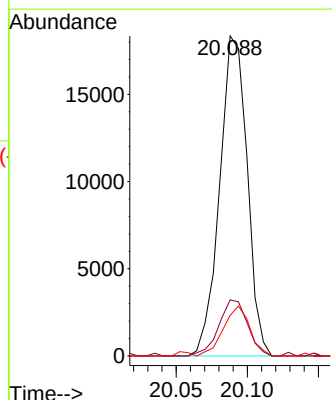
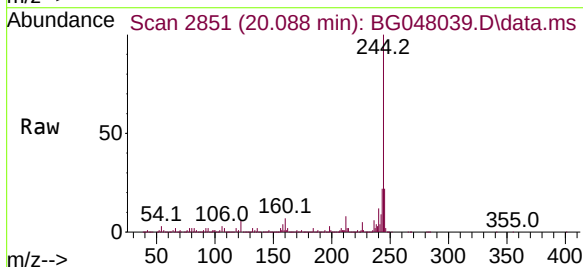
Instrument :
BNA_G
ClientSampleId :
0021-SITE-WATER-042

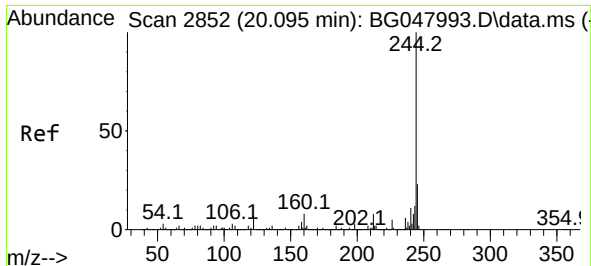
Tgt Ion:240 Resp: 357584
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 27.8 20.5 30.7



#77
Benzidine
Concen: 2.39 ng
RT: 20.088 min Scan# 2851
Delta R.T. 0.375 min
Lab File: BG048039.D
Acq: 27 Jan 2021 22:18

Tgt Ion:184 Resp: 24702
Ion Ratio Lower Upper
184 100
185 17.5 12.4 18.6
183 12.7 10.6 15.8

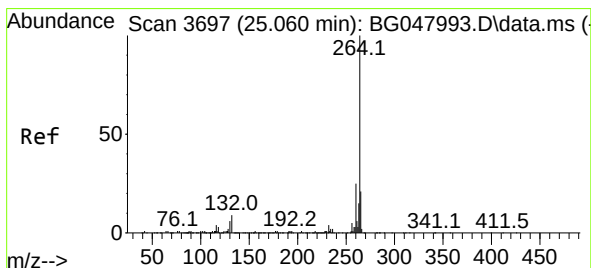
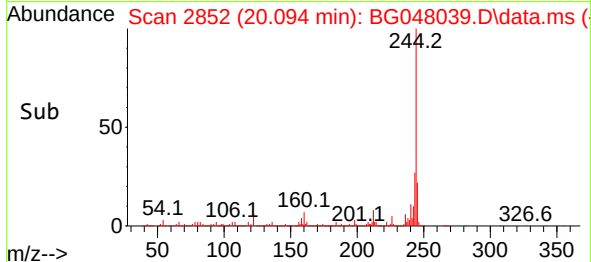
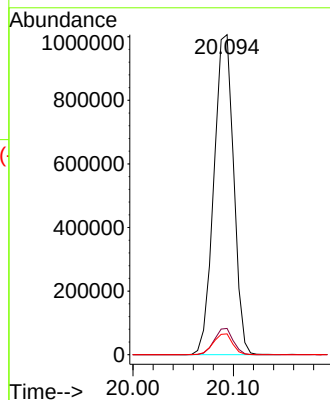
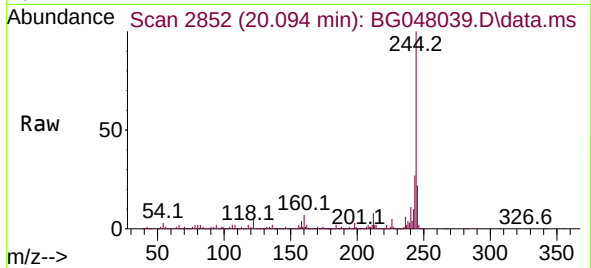




#79
 Terphenyl-d14
 Concen: 66.69 ng
 RT: 20.094 min Scan# 2852
 Delta R.T. -0.001 min
 Lab File: BG048039.D
 Acq: 27 Jan 2021 22:18

Instrument :
 BNA_G
 ClientSampleId :
 0021-SITE-WATER-042

Tgt Ion:244 Resp: 1375364
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.5 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.047 min Scan# 3695
 Delta R.T. -0.013 min
 Lab File: BG048039.D
 Acq: 27 Jan 2021 22:18

Tgt Ion:264 Resp: 354355
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.8 28.2
 265 21.3 17.8 26.8

