

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047981.D
 Acq On : 22 Jan 2021 16:58
 Operator : CG/JU
 Sample : M1191-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0022-SITE-WATER-043

Quant Time: Jan 22 17:46:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

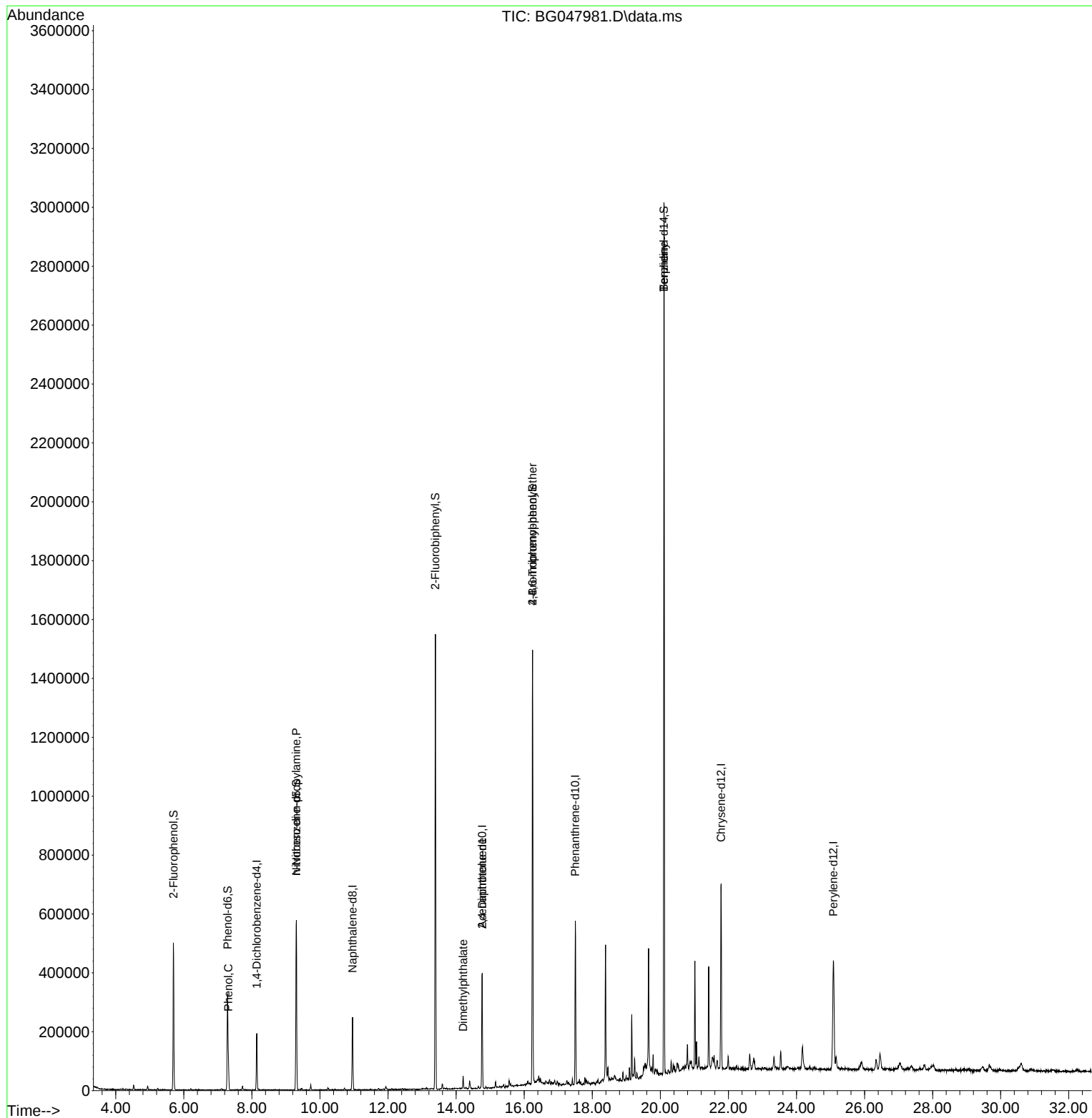
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	51287	20.00	ng	0.00
21) Naphthalene-d8	10.958	136	192911	20.00	ng	# 0.00
39) Acenaphthene-d10	14.766	164	139329	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	355613	20.00	ng	#-0.01
76) Chrysene-d12	21.781	240	410473	20.00	ng	#-0.02
86) Perylene-d12	25.083	264	417976	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	187228	59.54	ng	0.00
7) Phenol-d6	7.286	99	168015	35.39	ng	0.00
23) Nitrobenzene-d5	9.307	82	342609	78.10	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	288168	129.24	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	776199	74.40	ng	0.00
79) Terphenyl-d14	20.106	244	1357023	61.12	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.596	88	62	Below Cal	#	1
9) Benzaldehyde	7.286	77	421	Below Cal	#	1
10) Phenol	7.310	94	44961	10.00	ng	# 68
19) n-Nitroso-di-n-propyla...	9.307	70	51346	15.28	ng	# 78
32) Benzoic acid	10.247	122	77	Below Cal	#	1
50) Dimethylphthalate	14.207	163	25208	2.08	ng	95
57) 2,4-Dinitrotoluene	14.766	165	18586	5.68	ng	# 30
67) 4-Bromophenyl-phenylether	16.246	248	20742	4.40	ng	# 1
77) Benzidine	20.106	184	22772	2.17	ng	# 95

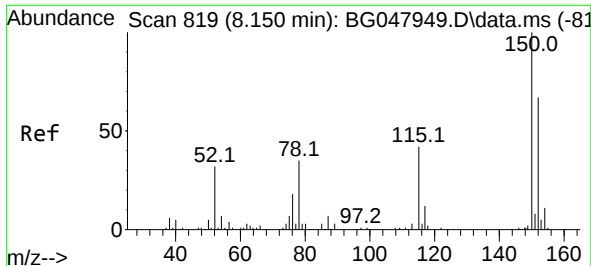
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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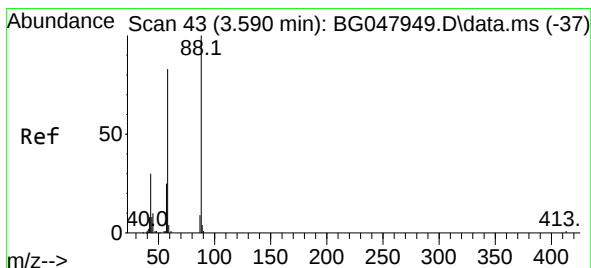
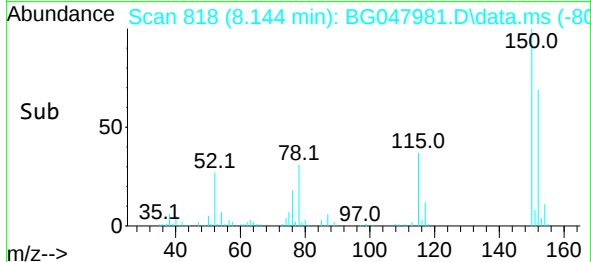
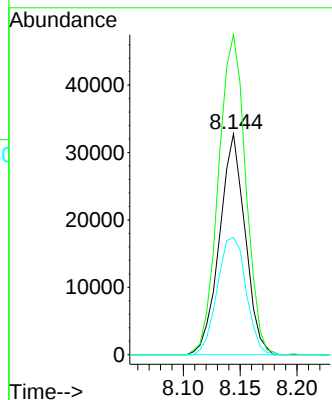
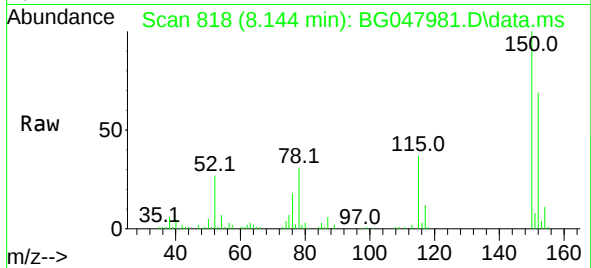




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.144 min Scan# 818
Delta R.T. -0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

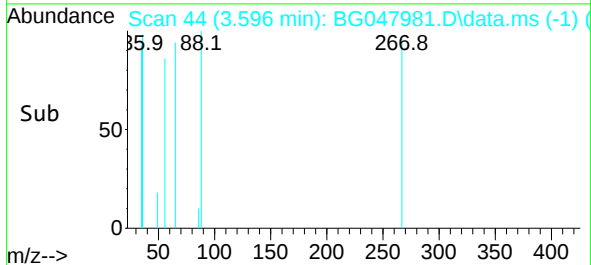
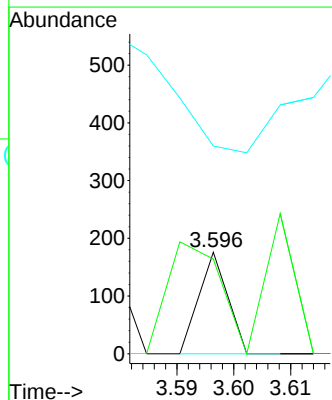
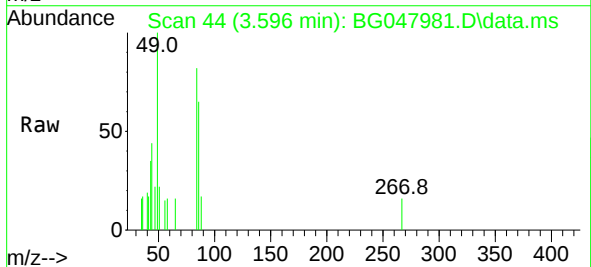
Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

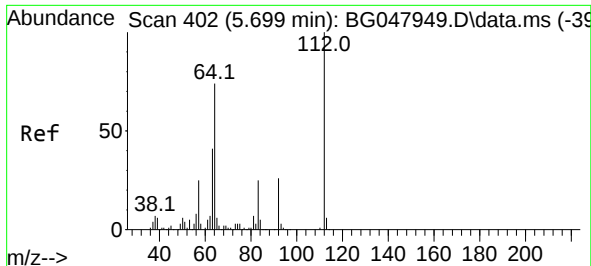
Tgt Ion:152 Resp: 51287
Ion Ratio Lower Upper
152 100
150 144.9 125.0 187.6
115 53.0 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.596 min Scan# 44
Delta R.T. 0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
58 203.2 61.6 92.4#
43 0.0 21.3 31.9#

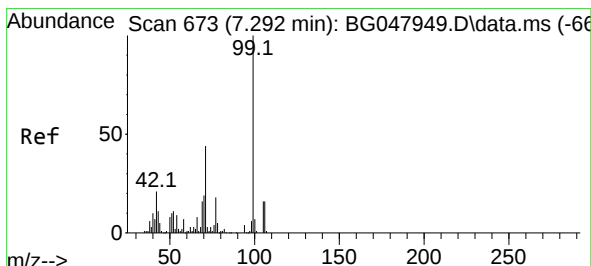
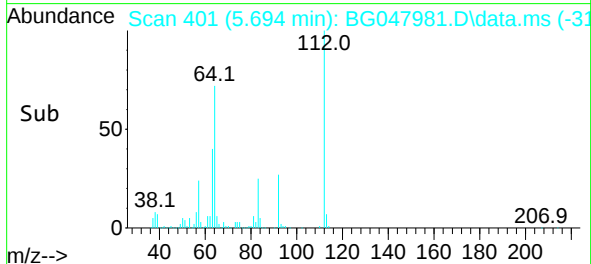
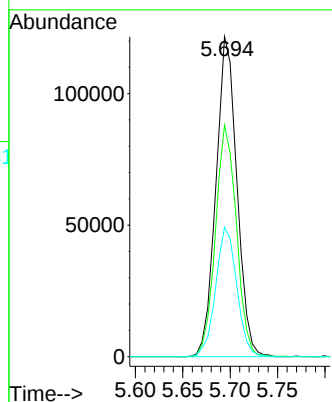
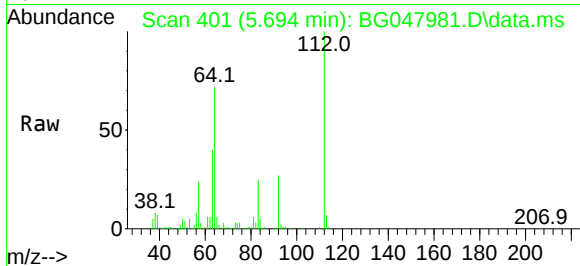




#5
2-Fluorophenol
Concen: 59.54 ng
RT: 5.694 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

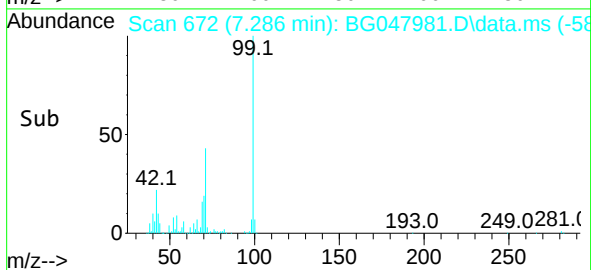
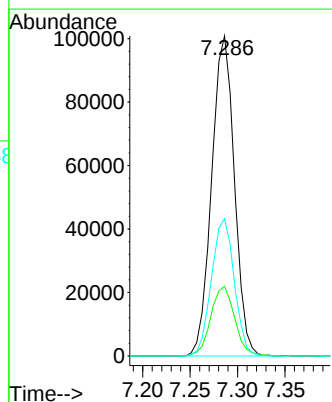
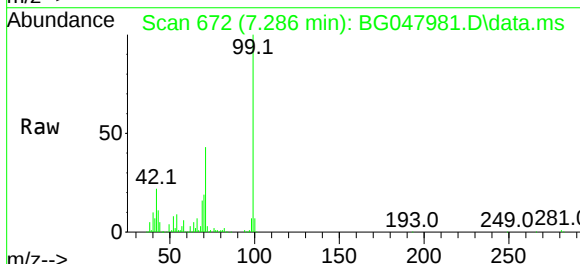
Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

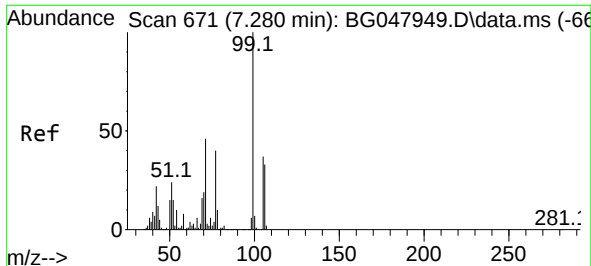
Tgt Ion:112 Resp: 187228
Ion Ratio Lower Upper
112 100
64 72.4 46.7 70.1#
63 40.5 22.8 34.2#



#7
Phenol-d6
Concen: 35.39 ng
RT: 7.286 min Scan# 672
Delta R.T. -0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 99 Resp: 168015
Ion Ratio Lower Upper
99 100
42 21.8 12.8 19.2#
71 42.9 24.6 36.8#

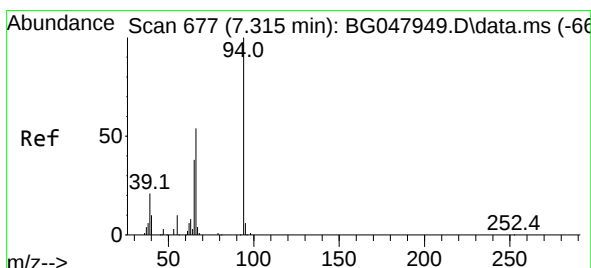
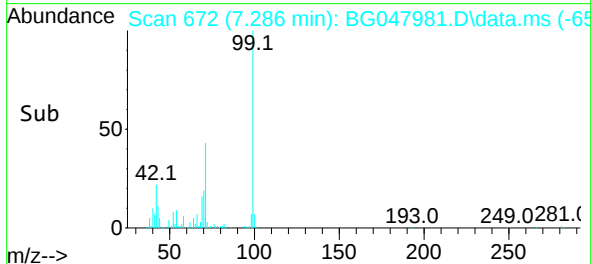
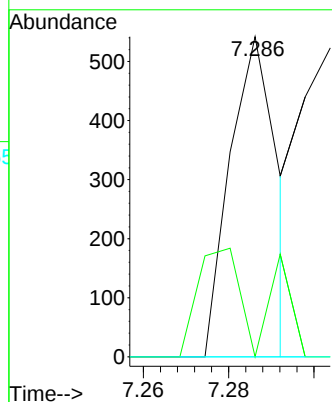
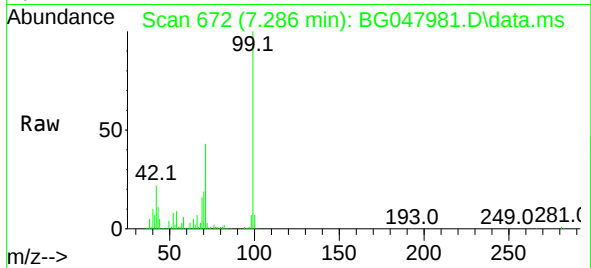




#9
Benzaldehyde
Concen: Below Cal
RT: 7.286 min Scan# 672
Delta R.T. 0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

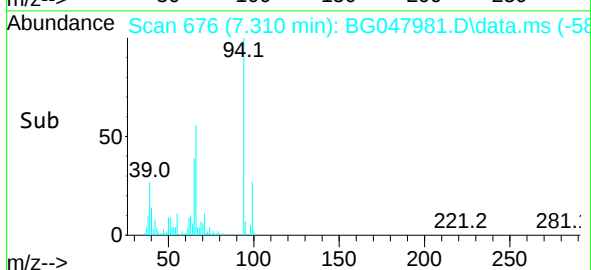
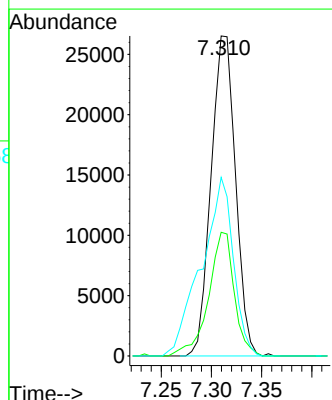
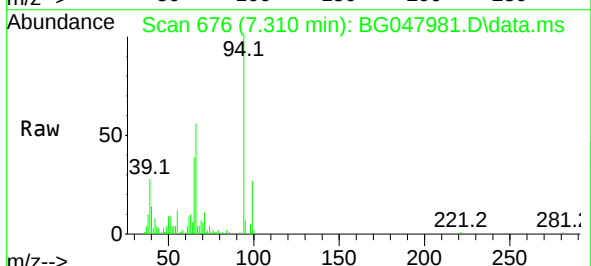
Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

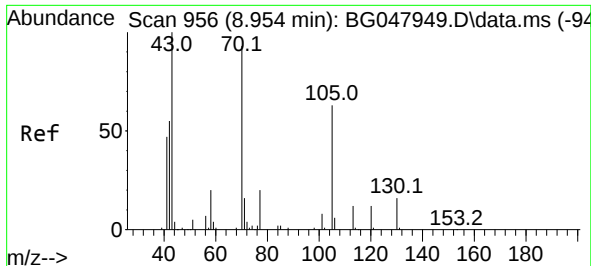
Tgt Ion: 77 Resp: 421
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 10.00 ng
RT: 7.310 min Scan# 676
Delta R.T. -0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 94 Resp: 44961
Ion Ratio Lower Upper
94 100
65 38.6 6.6 46.6
66 55.8 13.9 53.9#

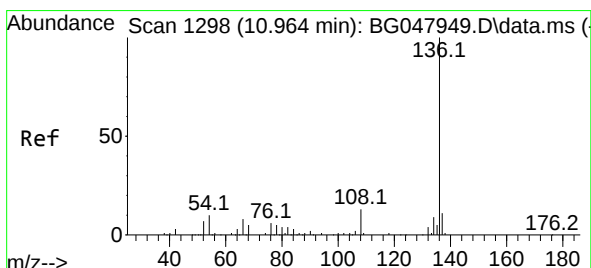
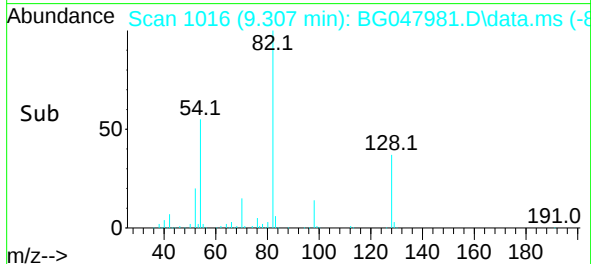
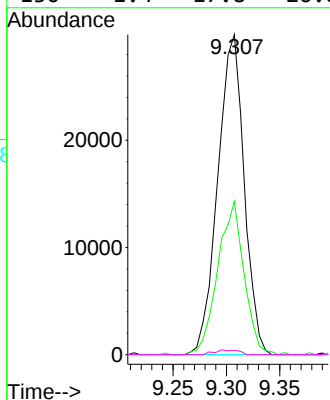
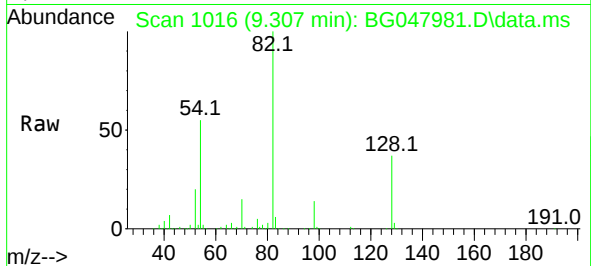




#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 9.307 min Scan# 1016
Delta R.T. 0.353 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

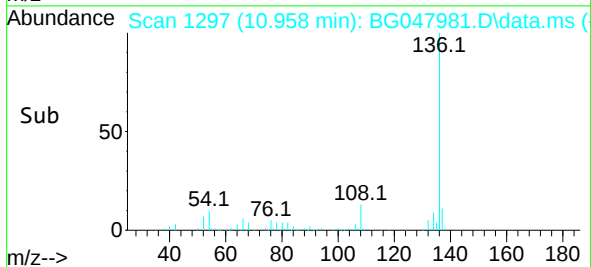
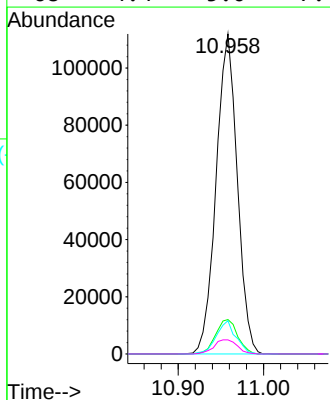
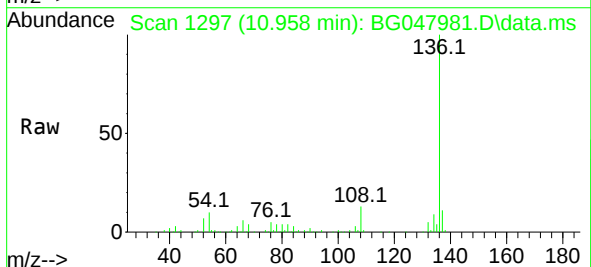
Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

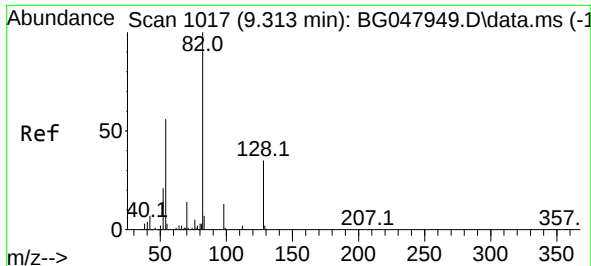
Tgt Ion:	70	Resp:	51346
Ion	Ratio	Lower	Upper
70	100		
42	47.9	45.6	68.4
101	0.0	8.4	12.6#
130	1.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.958 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

Tgt Ion:	136	Resp:	192911
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.4	6.2	9.4#
68	4.4	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 78.10 ng

RT: 9.307 min Scan# 1016

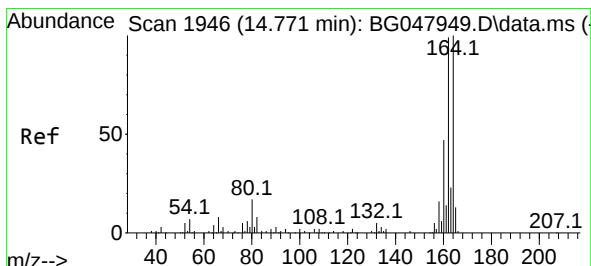
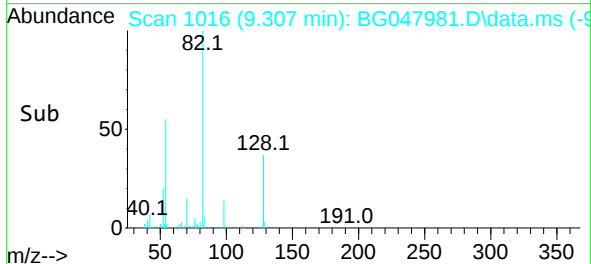
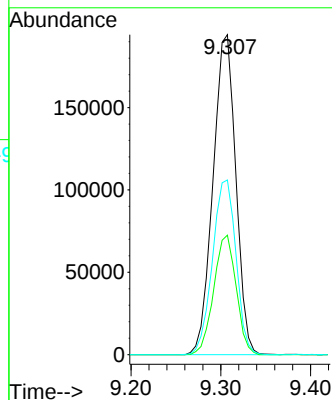
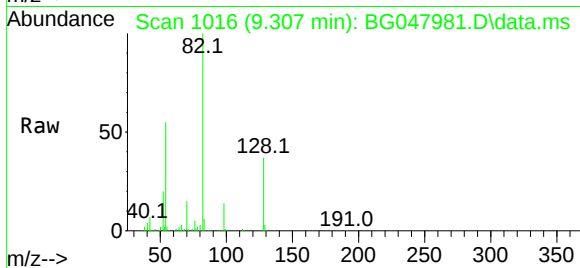
Delta R.T. -0.006 min

Lab File: BG047981.D

Acq: 22 Jan 2021 16:58

Tgt Ion: 82 Resp: 342609

Ion	Ratio	Lower	Upper
82	100		
128	37.3	37.0	55.6
54	54.6	39.0	58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.766 min Scan# 1945

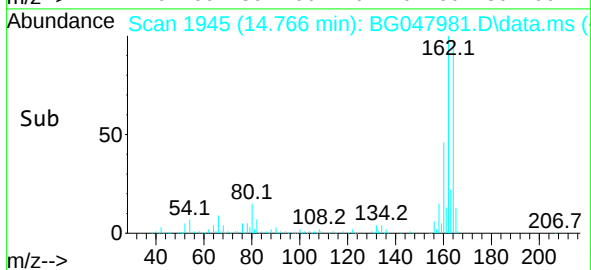
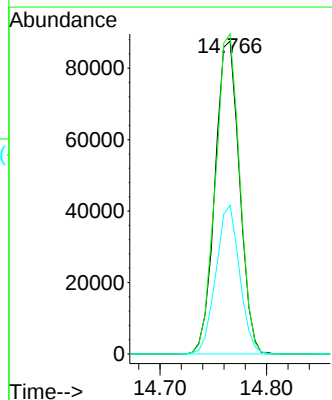
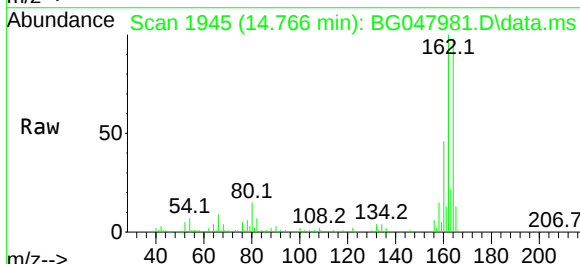
Delta R.T. -0.005 min

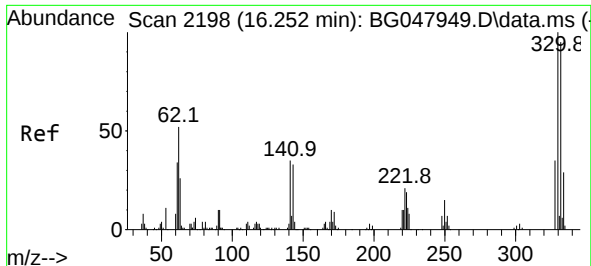
Lab File: BG047981.D

Acq: 22 Jan 2021 16:58

Tgt Ion: 164 Resp: 139329

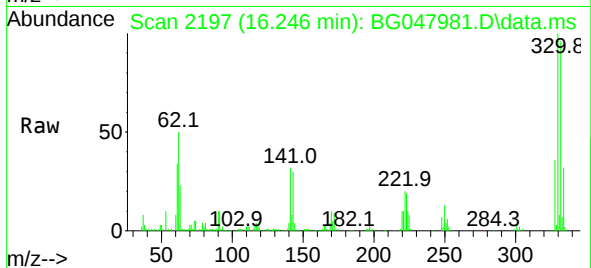
Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.3	123.5
160	47.5	35.3	52.9



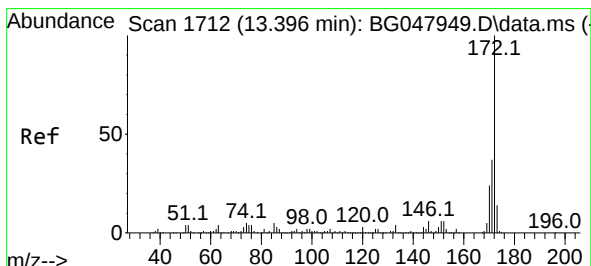
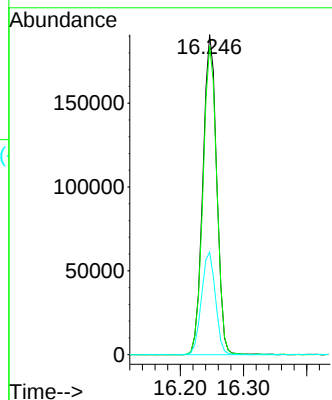
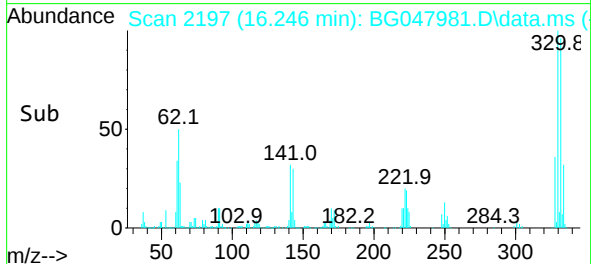


#42
2,4,6-Tribromophenol
Concen: 129.24 ng
RT: 16.246 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

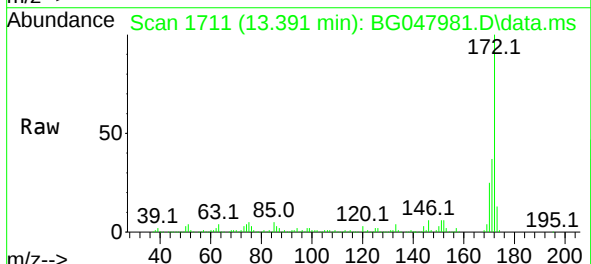
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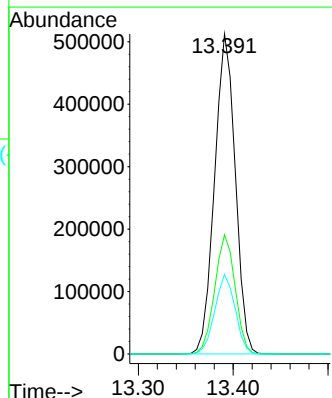
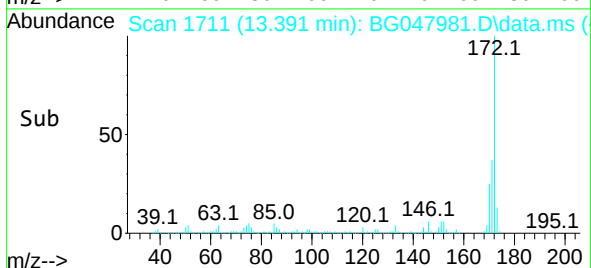
Tgt Ion:330 Resp: 288168
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 32.6 26.0 39.0

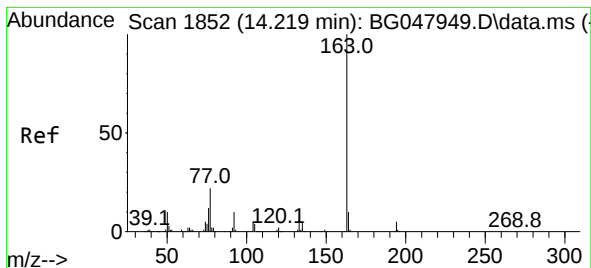


#45
2-Fluorobiphenyl
Concen: 74.40 ng
RT: 13.391 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58



Tgt Ion:172 Resp: 776199
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 24.9 20.8 31.2

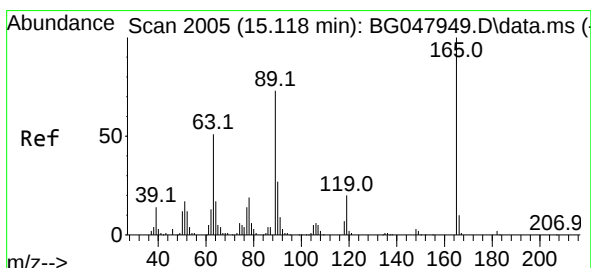
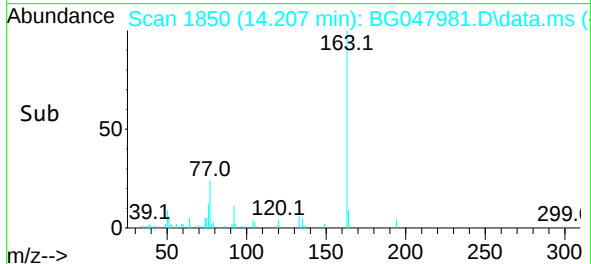
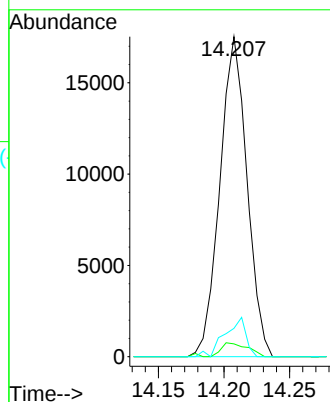
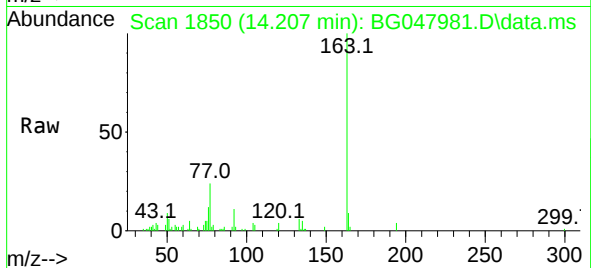




#50
Dimethylphthalate
Concen: 2.08 ng
RT: 14.207 min Scan# 1850
Delta R.T. -0.011 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

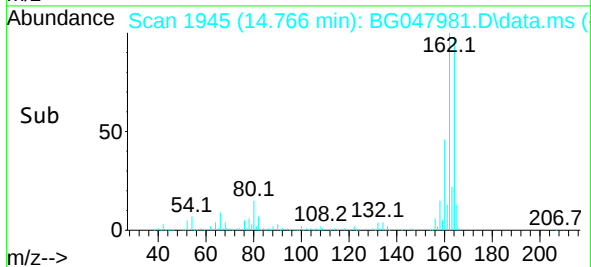
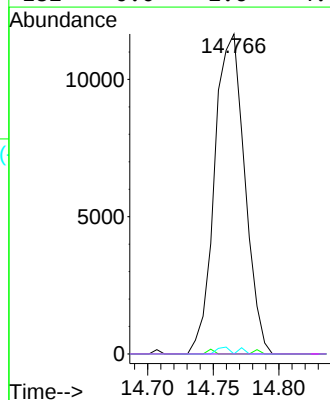
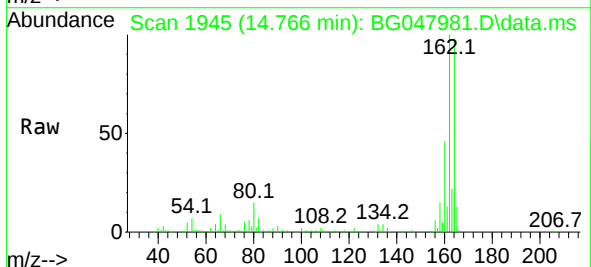
Instrument :
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0022-SITE-WATER-043

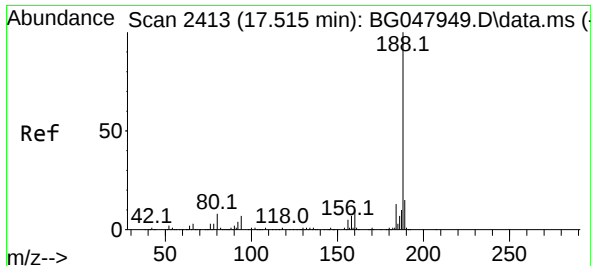
Tgt Ion:163 Resp: 25208
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 8.9 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.352 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

Tgt Ion:165 Resp: 18586
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#

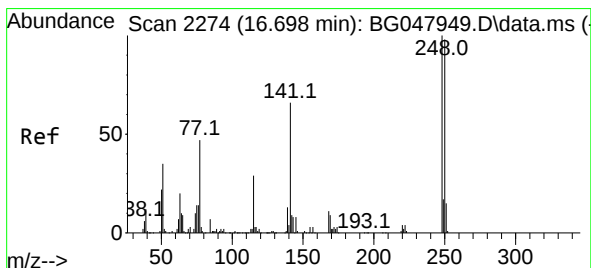
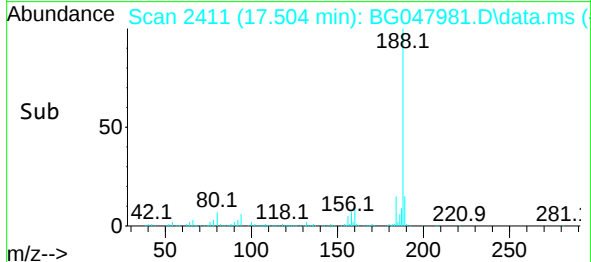
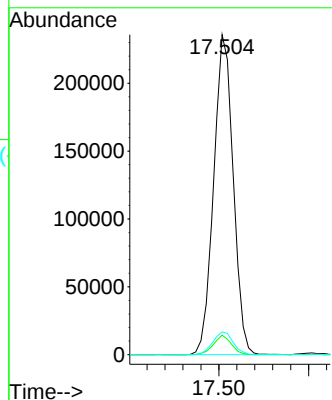
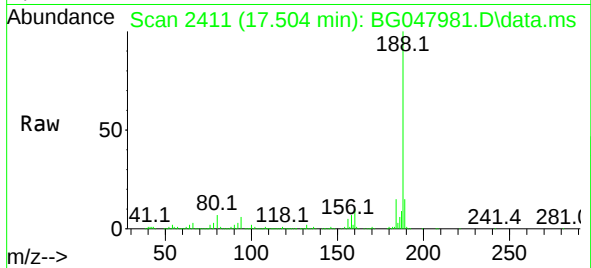




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

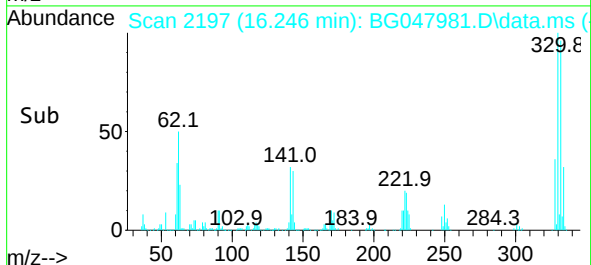
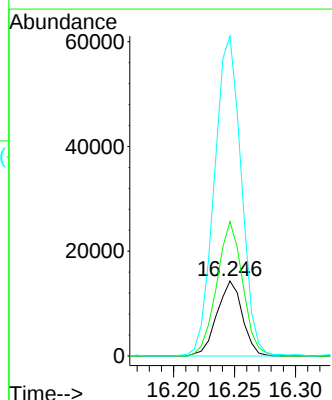
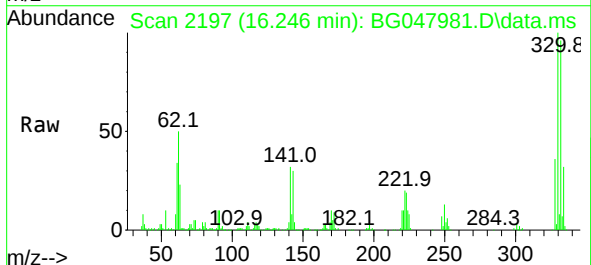
Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

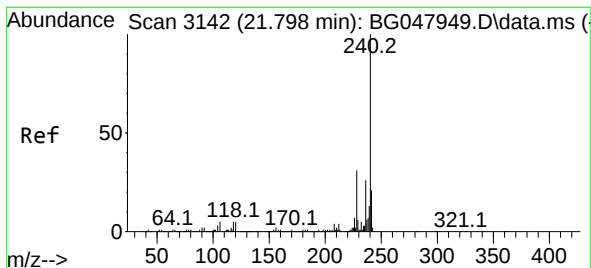
Tgt Ion:188 Resp: 355613
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 7.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 16.246 min Scan# 2197
Delta R.T. -0.452 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

Tgt Ion:248 Resp: 20742
Ion Ratio Lower Upper
248 100
250 179.6 78.9 118.3#
141 427.7 46.2 69.4#

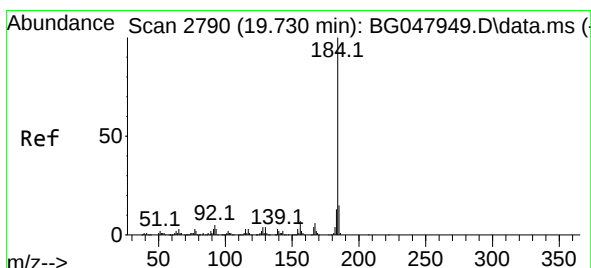
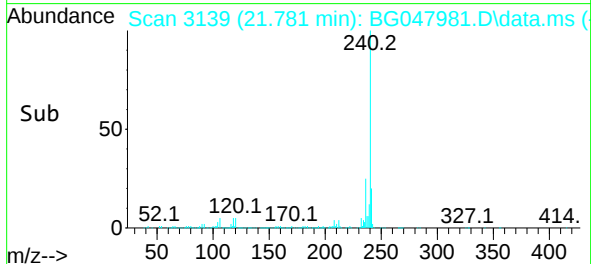
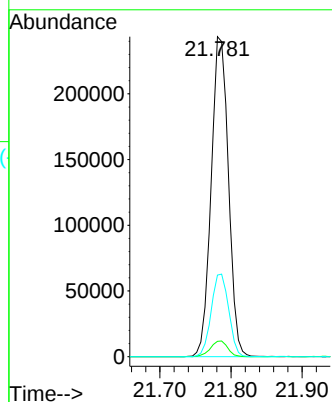
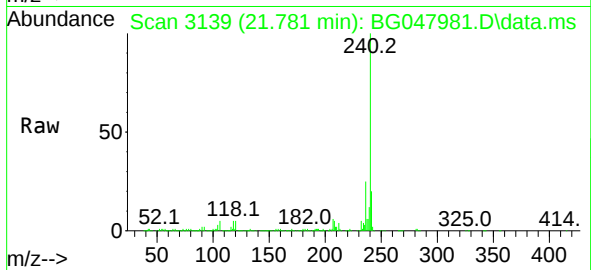




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.017 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

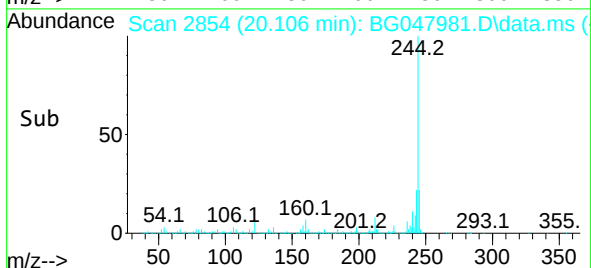
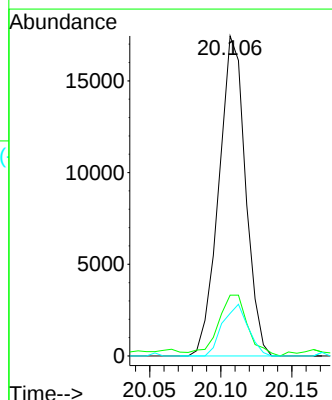
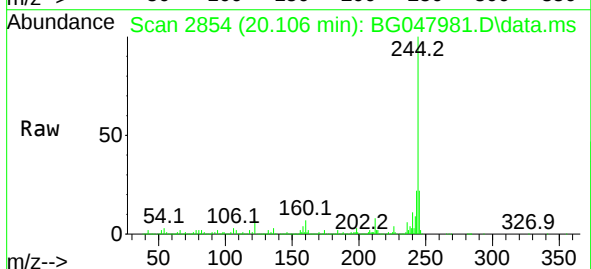
Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

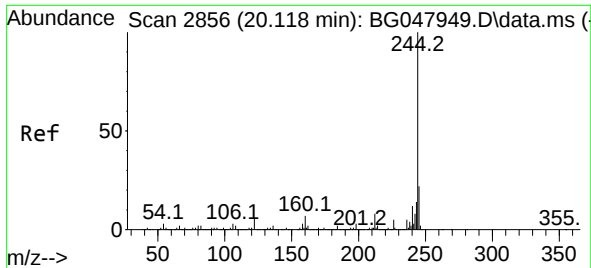
Tgt Ion:240 Resp: 410473
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.17 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.376 min
Lab File: BG047981.D
Acq: 22 Jan 2021 16:58

Tgt Ion:184 Resp: 22772
Ion Ratio Lower Upper
184 100
185 19.0 12.4 18.6#
183 13.3 10.6 15.8

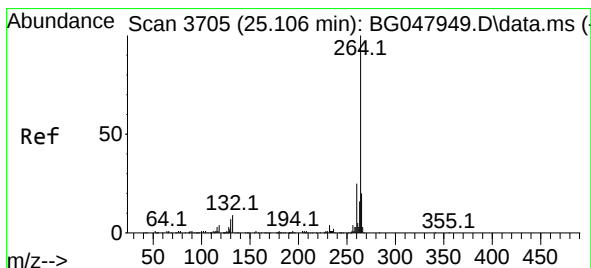
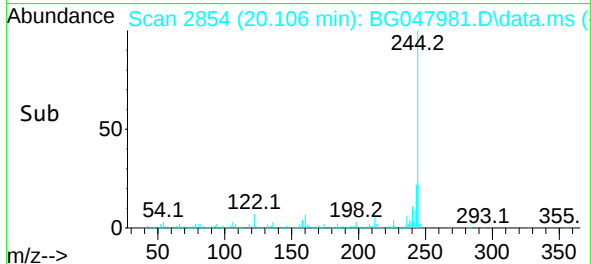
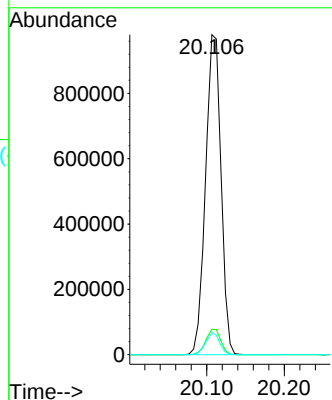
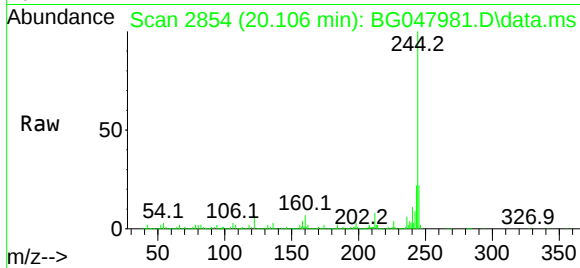




#79
 Terphenyl-d14
 Concen: 61.12 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.011 min
 Lab File: BG047981.D
 Acq: 22 Jan 2021 16:58

Instrument :
 BNA_G
 ClientSampleId :
 0022-SITE-WATER-043

Tgt Ion:244 Resp: 1357023
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.7 10.1
 122 6.9 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.083 min Scan# 3701
 Delta R.T. -0.023 min
 Lab File: BG047981.D
 Acq: 22 Jan 2021 16:58

Tgt Ion:264 Resp: 417976
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 23.4 17.8 26.8

