

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047968.D
 Acq On : 22 Jan 2021 00:47
 Operator : CG/JU
 Sample : M1191-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0027-SITE-WATER-051

Quant Time: Jan 22 01:53:07 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)

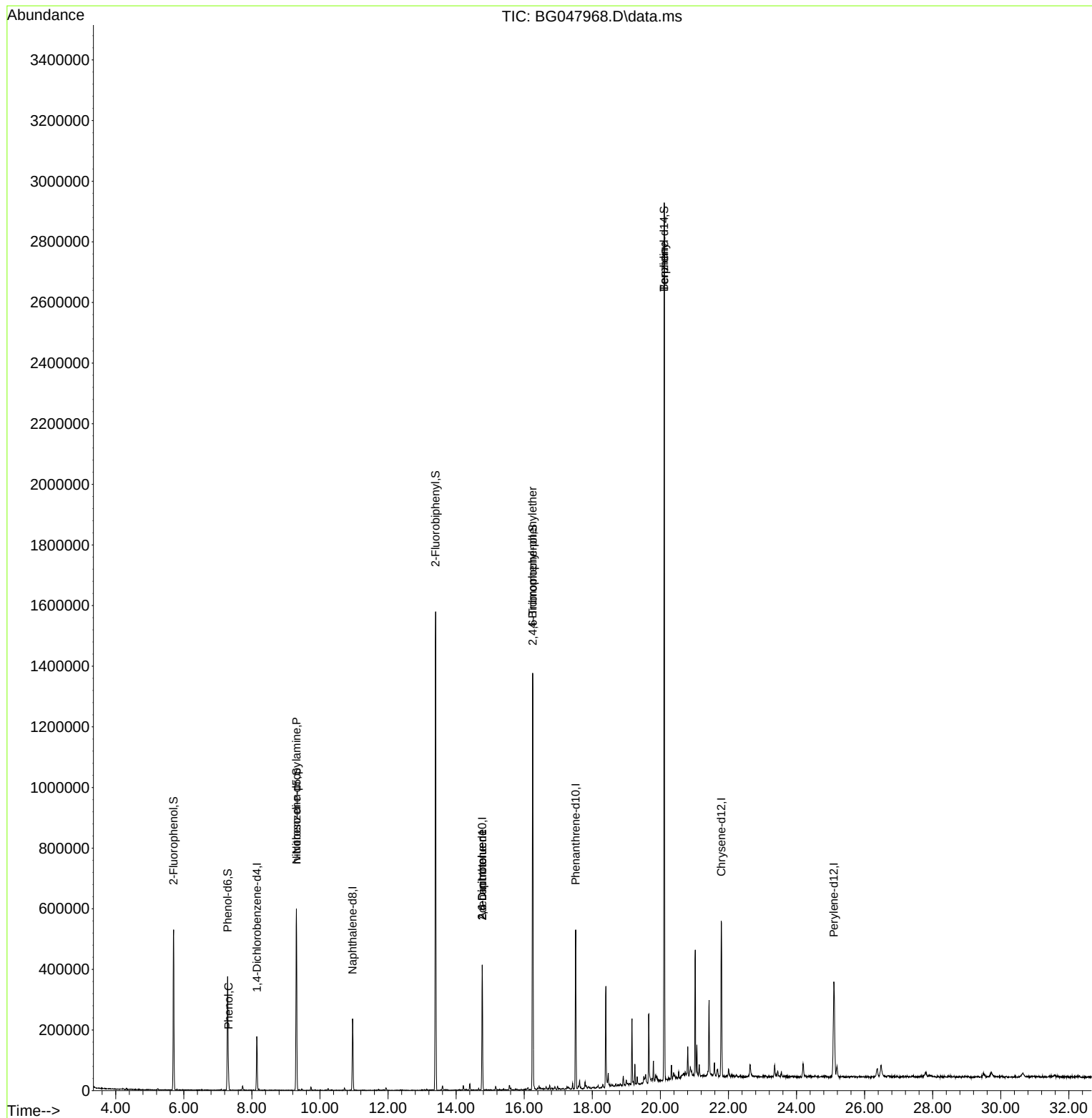
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	49290	20.00	ng	0.00
21) Naphthalene-d8	10.960	136	187096	20.00	ng	# 0.00
39) Acenaphthene-d10	14.768	164	139551	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	327718	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	342670	20.00	ng	# 0.00
86) Perylene-d12	25.097	264	349537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	203540	67.35	ng	0.00
7) Phenol-d6	7.288	99	196314	43.03	ng	0.00
23) Nitrobenzene-d5	9.309	82	348141	81.82	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	270151	120.97	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	806584	77.19	ng	0.00
79) Terphenyl-d14	20.114	244	1236648	66.72	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.592	88	224	Below Cal	#	51
9) Benzaldehyde	7.276	77	703	Below Cal	#	1
10) Phenol	7.318	94	21977	5.09	ng	78
19) n-Nitroso-di-n-propyla...	9.309	70	51232	15.87	ng	# 76
32) Benzoic acid	10.150	122	227	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.768	165	18644	7.98	ng	# 36
57) 2,4-Dinitrotoluene	14.768	165	18644	5.69	ng	# 34
67) 4-Bromophenyl-phenylether	16.248	248	18819	4.33	ng	# 1
77) Benzidine	20.114	184	21262	2.43	ng	97

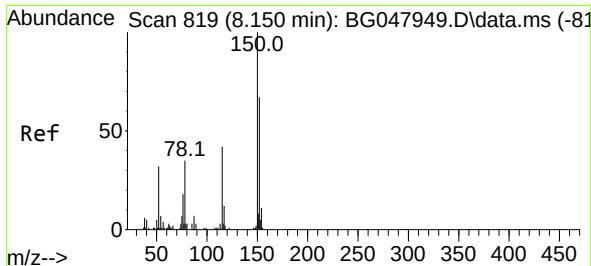
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
0027-SITE-WATER-051

Quant Time: Jan 22 01:53:07 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

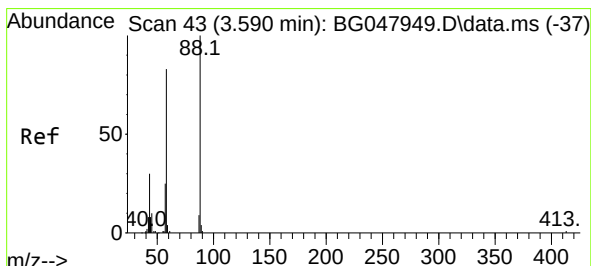
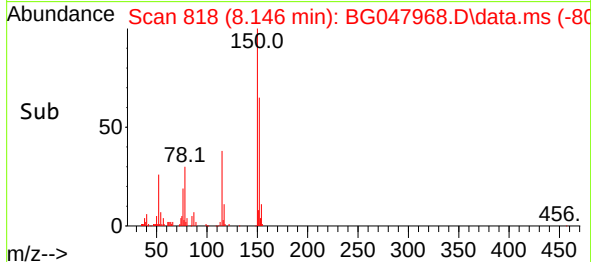
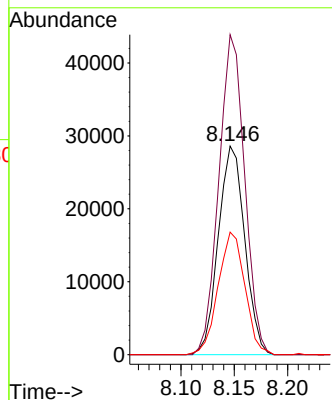
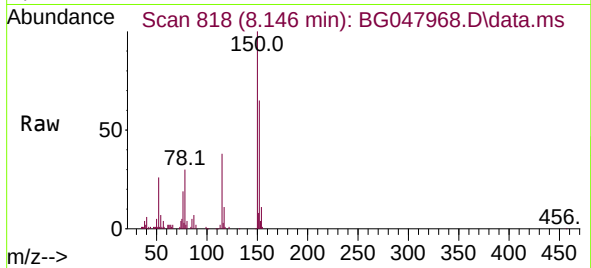




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.146 min Scan# 818
Delta R.T. -0.004 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

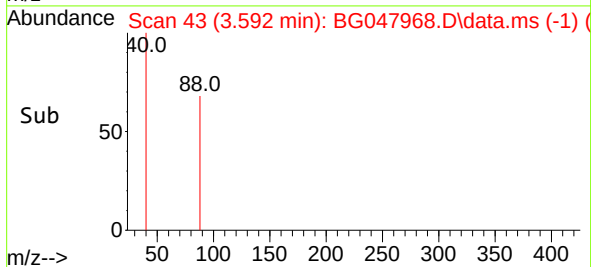
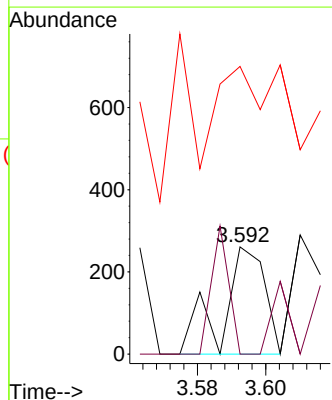
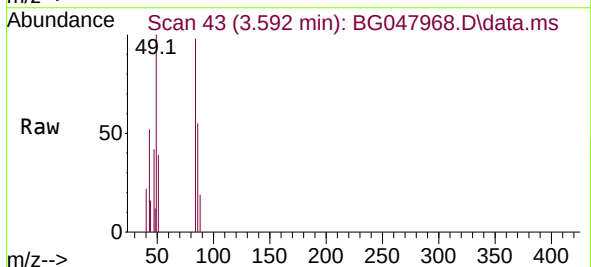
Instrument :
BNA_G
ClientSampleId :
0027-SITE-WATER-051

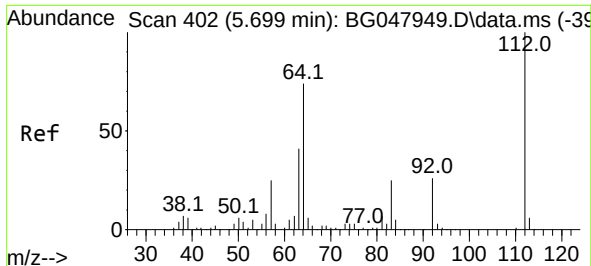
Tgt Ion:152 Resp: 49290
Ion Ratio Lower Upper
152 100
150 153.4 125.0 187.6
115 58.7 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.592 min Scan# 43
Delta R.T. 0.002 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
58 49.1 61.6 92.4#
43 77.2 21.3 31.9#

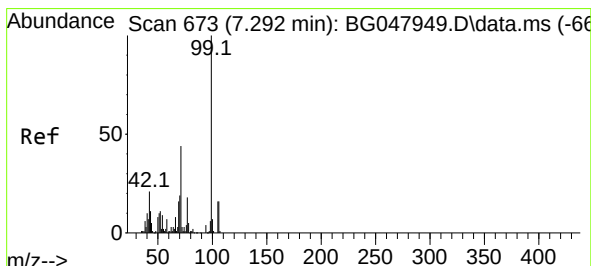
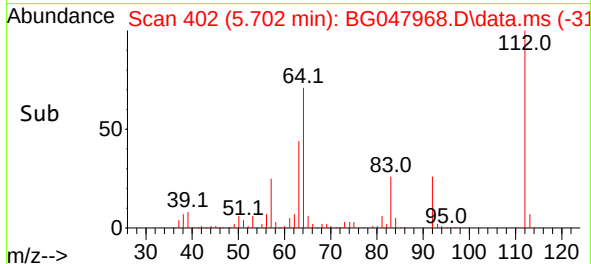
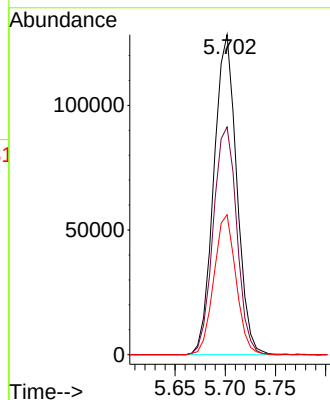
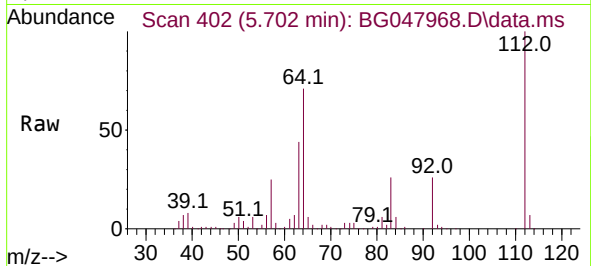




#5
2-Fluorophenol
Concen: 67.35 ng
RT: 5.702 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

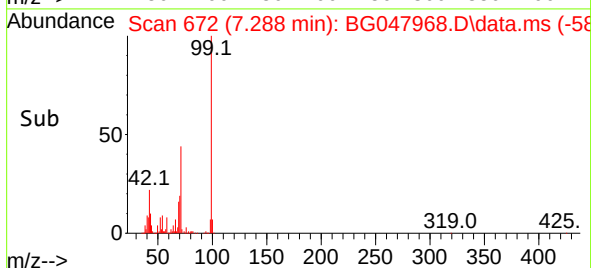
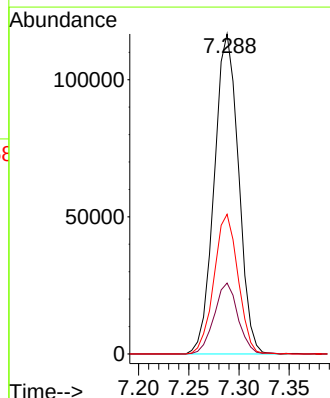
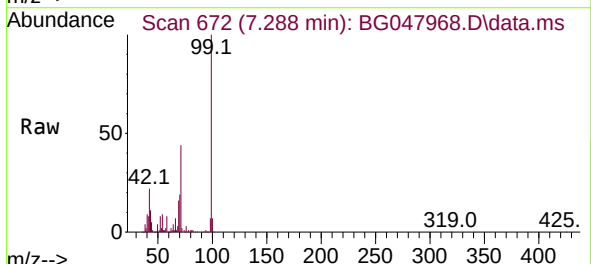
Instrument :
BNA_G
ClientSampleId :
0027-SITE-WATER-051

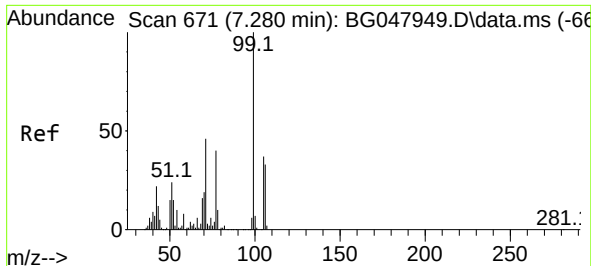
Tgt Ion:112 Resp: 203540
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 43.7 22.8 34.2#



#7
Phenol-d6
Concen: 43.03 ng
RT: 7.288 min Scan# 672
Delta R.T. -0.004 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

Tgt Ion: 99 Resp: 196314
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 43.7 24.6 36.8#

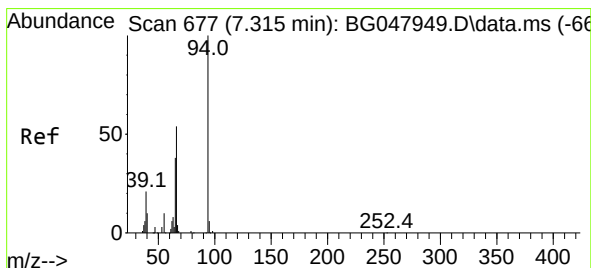
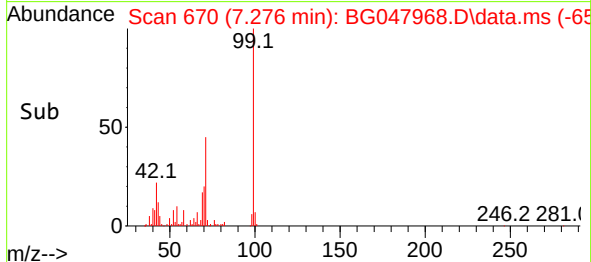
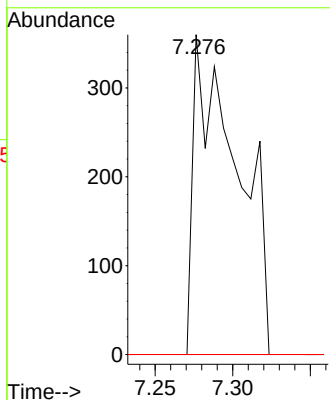
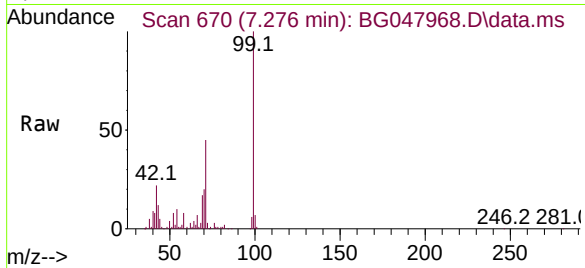




#9
Benzaldehyde
Concen: Below Cal
RT: 7.276 min Scan# 670
Delta R.T. -0.004 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

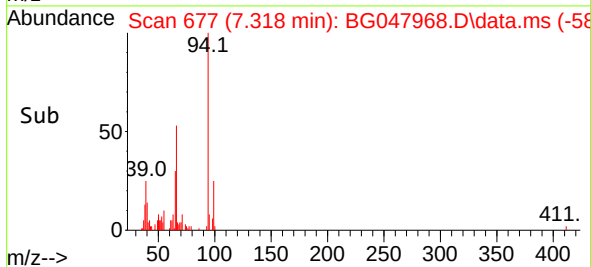
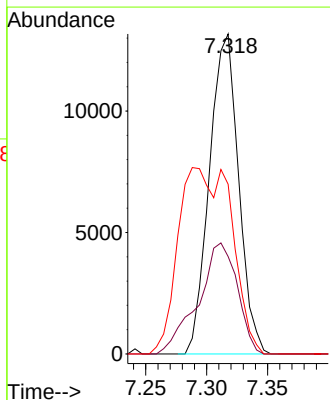
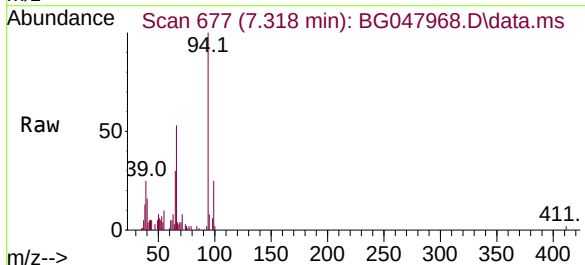
Instrument :
BNA_G
ClientSampleId :
0027-SITE-WATER-051

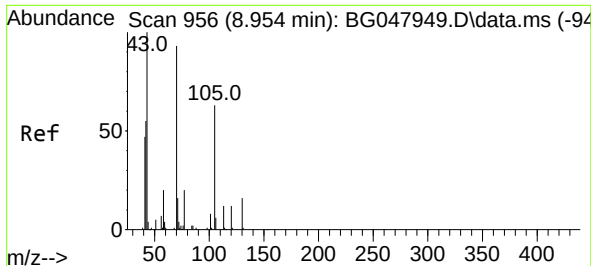
Tgt Ion: 77 Resp: 703
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 5.09 ng
RT: 7.318 min Scan# 677
Delta R.T. 0.002 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

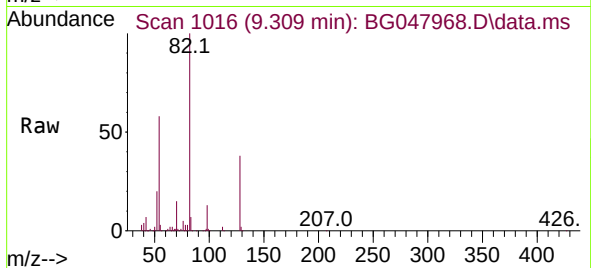
Tgt Ion: 94 Resp: 21977
Ion Ratio Lower Upper
94 100
65 30.5 6.6 46.6
66 53.1 13.9 53.9



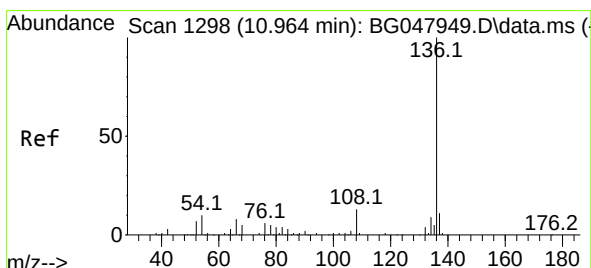
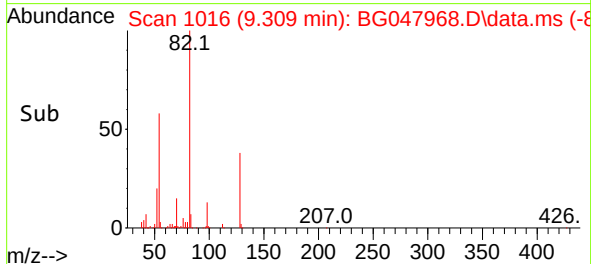
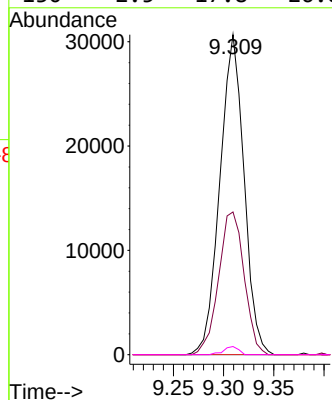


#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 9.309 min Scan# 1016
Delta R.T. 0.355 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

Instrument :
BNA_G
ClientSampleId :
0027-SITE-WATER-051

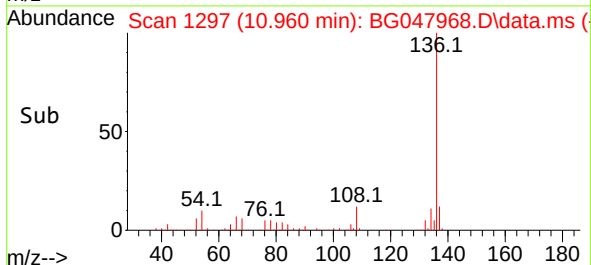
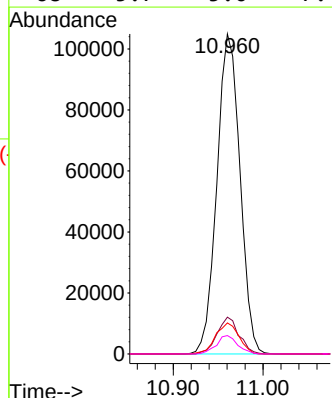
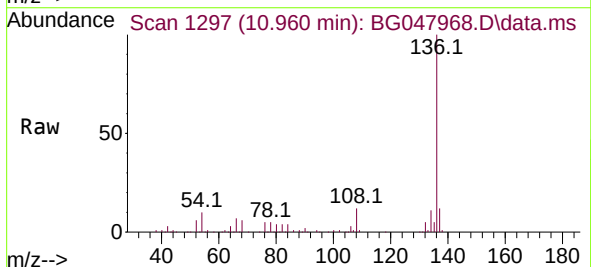


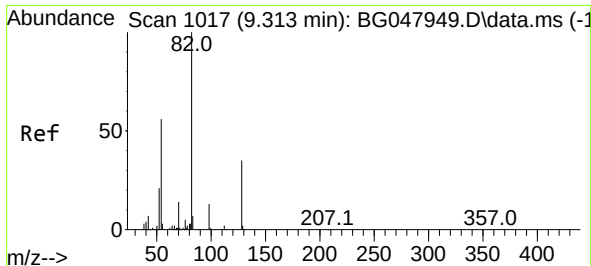
Tgt Ion:	70	Resp:	51232
Ion	Ratio	Lower	Upper
70	100		
42	44.6	45.6	68.4#
101	0.0	8.4	12.6#
130	2.5	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.960 min Scan# 1297
Delta R.T. -0.004 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

Tgt Ion:	136	Resp:	187096
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.7	6.2	9.4#
68	5.7	5.0	7.4





#23

Nitrobenzene-d5

Concen: 81.82 ng

RT: 9.309 min Scan# 1016

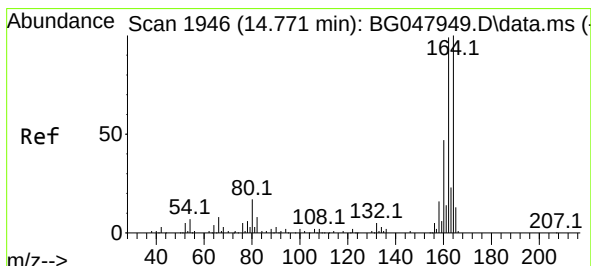
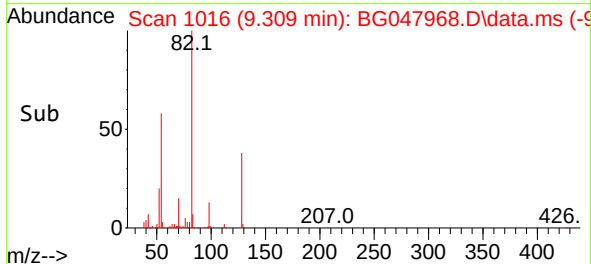
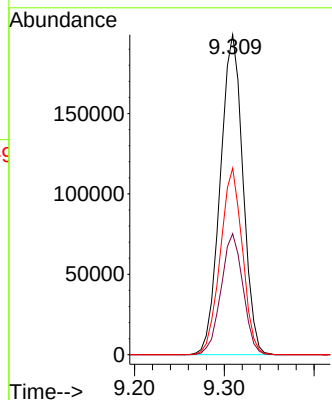
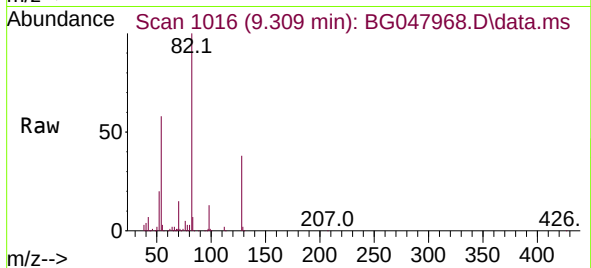
Delta R.T. -0.004 min

Lab File: BG047968.D

Acq: 22 Jan 2021 00:47

Tgt Ion: 82 Resp: 348141

Ion	Ratio	Lower	Upper
82	100		
128	37.8	37.0	55.6
54	58.3	39.0	58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.768 min Scan# 1945

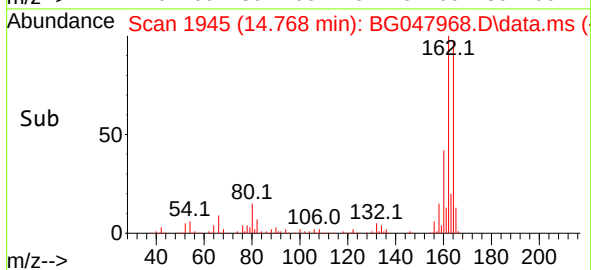
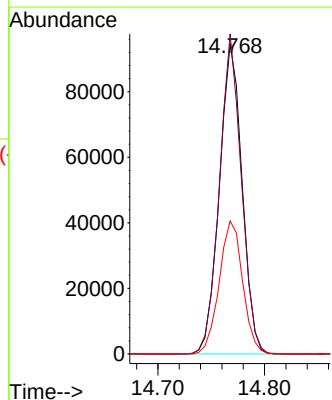
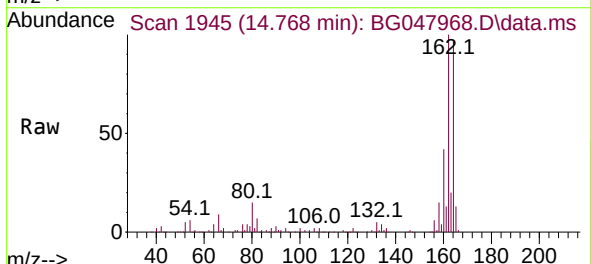
Delta R.T. -0.004 min

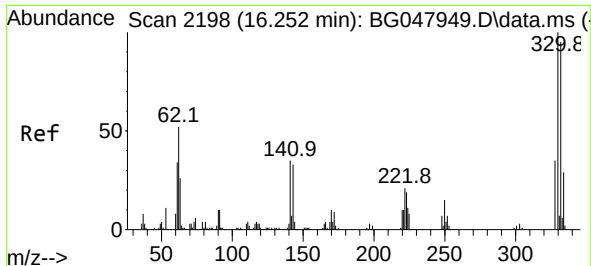
Lab File: BG047968.D

Acq: 22 Jan 2021 00:47

Tgt Ion: 164 Resp: 139551

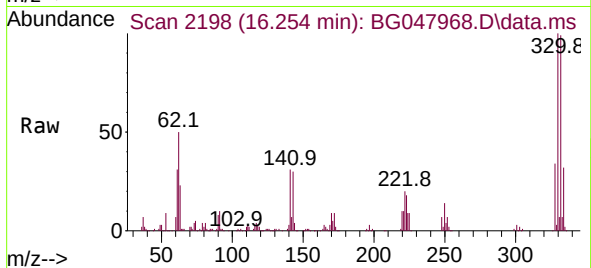
Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.3	123.5
160	42.9	35.3	52.9



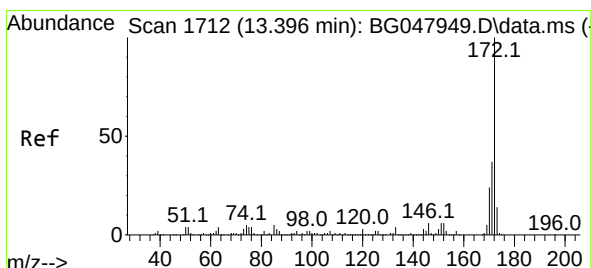
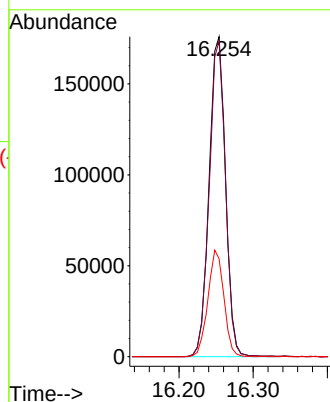
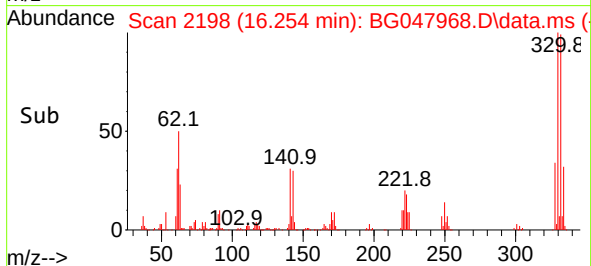


#42
2,4,6-Tribromophenol
Concen: 120.97 ng
RT: 16.254 min Scan# 2198
Delta R.T. 0.002 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

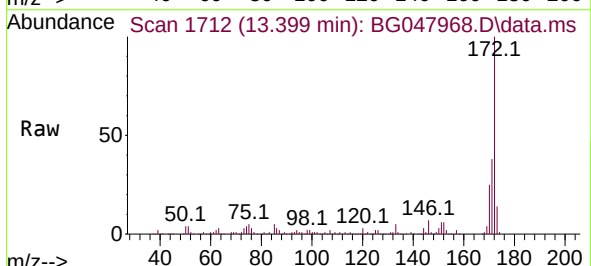
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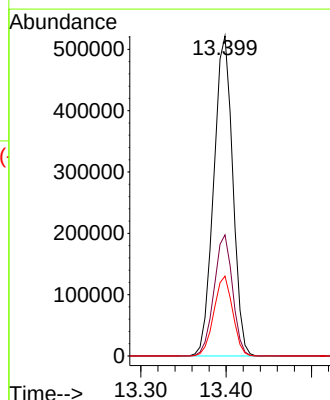
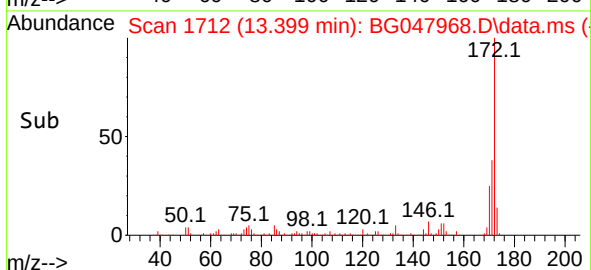
Tgt Ion:330 Resp: 270151
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 32.5 26.0 39.0

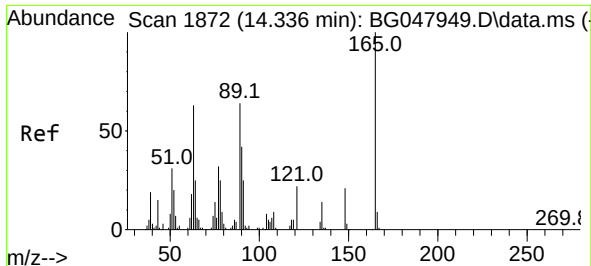


#45
2-Fluorobiphenyl
Concen: 77.19 ng
RT: 13.399 min Scan# 1712
Delta R.T. 0.002 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47



Tgt Ion:172 Resp: 806584
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 24.9 20.8 31.2

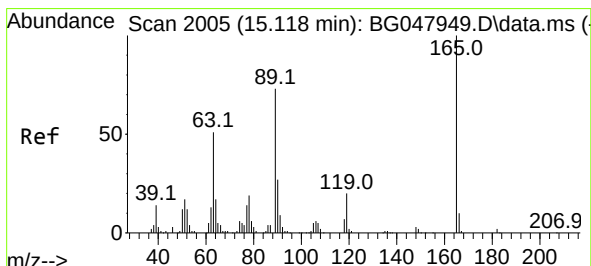
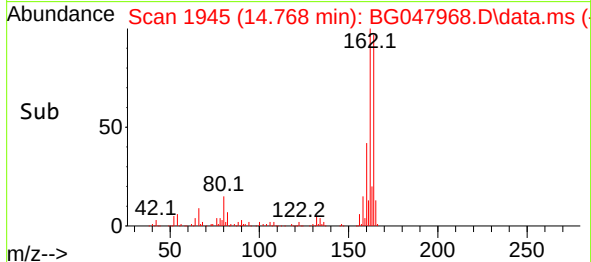
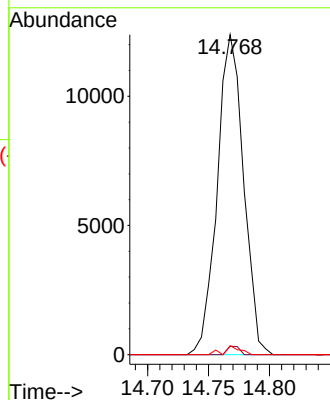
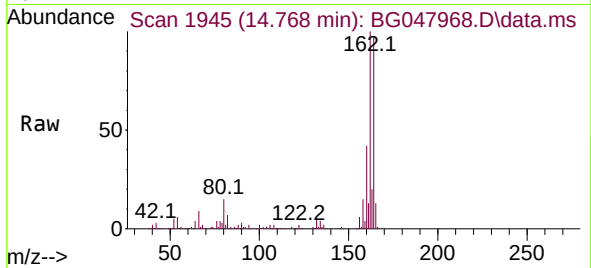




#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 14.768 min Scan# 1945
Delta R.T. 0.431 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

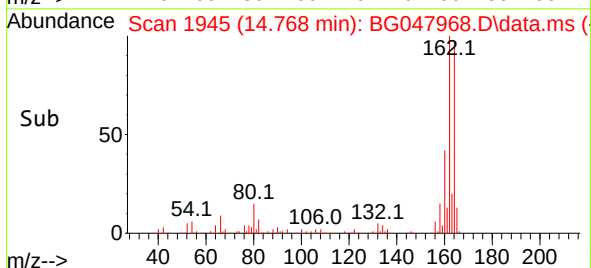
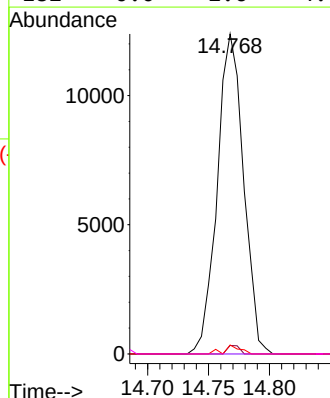
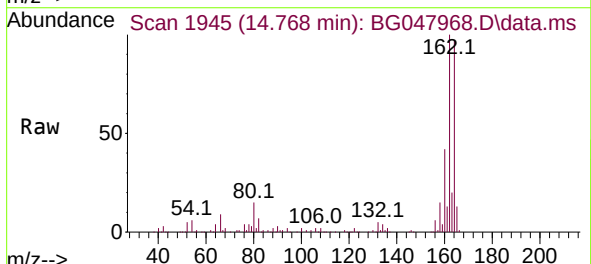
Instrument :
BNA_G
ClientSampleId :
0027-SITE-WATER-051

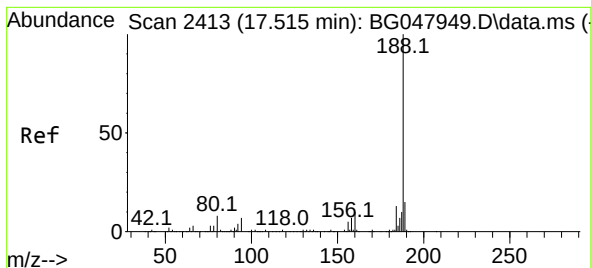
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.7	50.5#
89	2.8	36.6	54.8#



#57
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 14.768 min Scan# 1945
Delta R.T. -0.350 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	26.4	39.6#
89	2.8	47.8	71.8#
182	0.0	2.6	4.0#

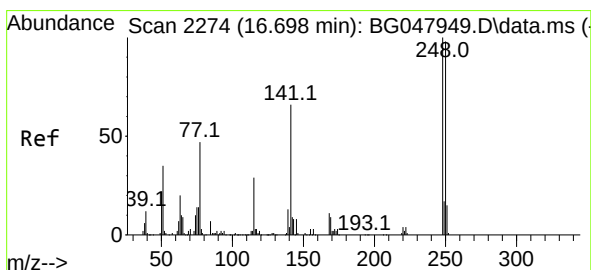
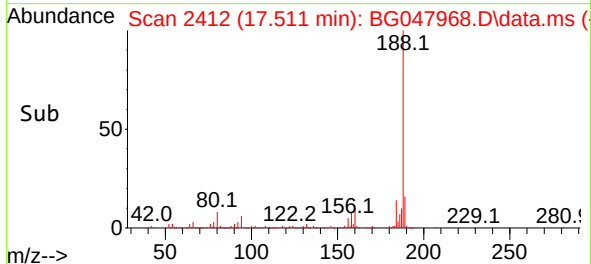
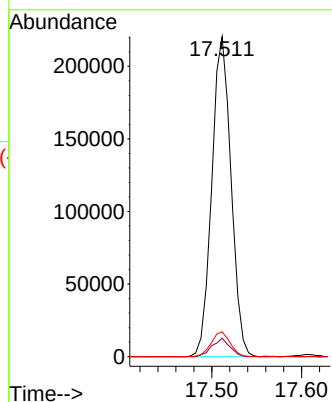
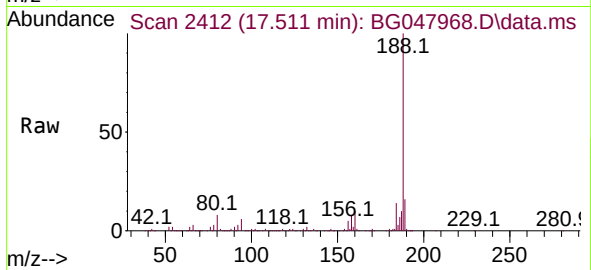




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

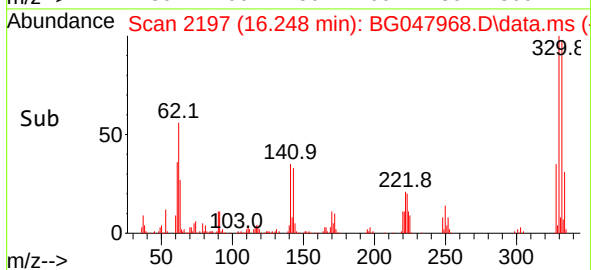
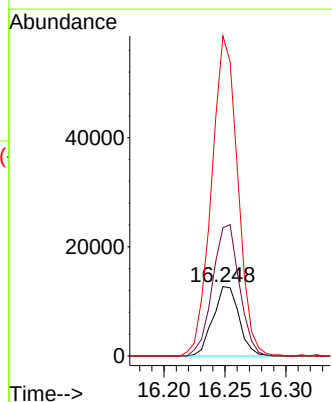
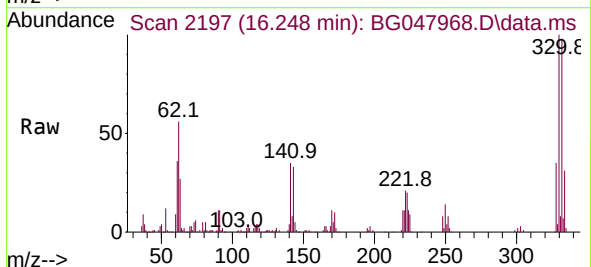
Instrument :
BNA_G
ClientSampleId :
0027-SITE-WATER-051

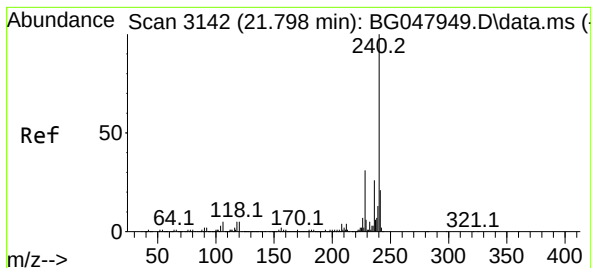
Tgt Ion:188 Resp: 327718
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.7 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 16.248 min Scan# 2197
Delta R.T. -0.450 min
Lab File: BG047968.D
Acq: 22 Jan 2021 00:47

Tgt Ion:248 Resp: 18819
Ion Ratio Lower Upper
248 100
250 184.6 78.9 118.3#
141 460.7 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.789 min Scan# 3140

Delta R.T. -0.009 min

Lab File: BG047968.D

Acq: 22 Jan 2021 00:47

Tgt Ion:240 Resp: 342670

Ion Ratio Lower Upper

240 100

120 4.7 6.2 9.4#

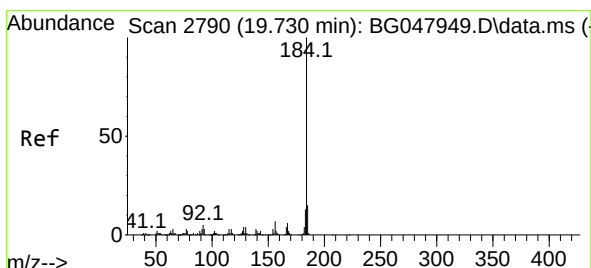
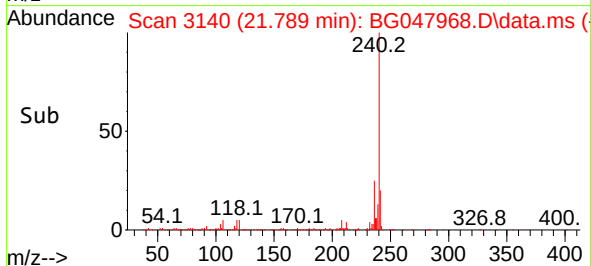
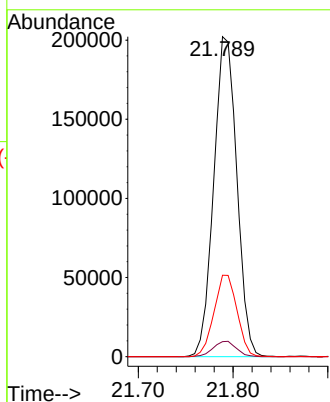
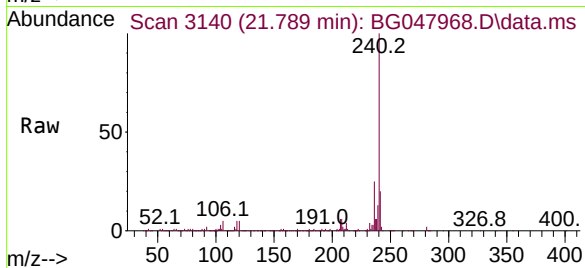
236 25.4 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

0027-SITE-WATER-051



#77

Benzidine

Concen: 2.43 ng

RT: 20.114 min Scan# 2855

Delta R.T. 0.384 min

Lab File: BG047968.D

Acq: 22 Jan 2021 00:47

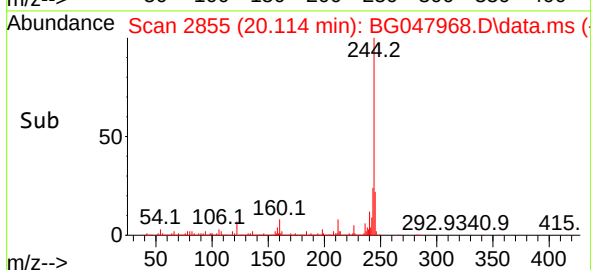
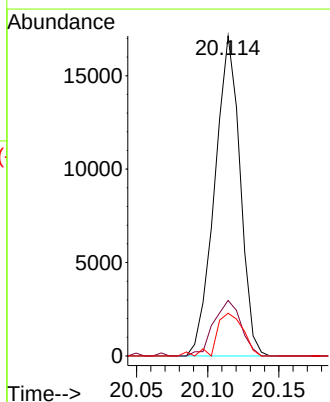
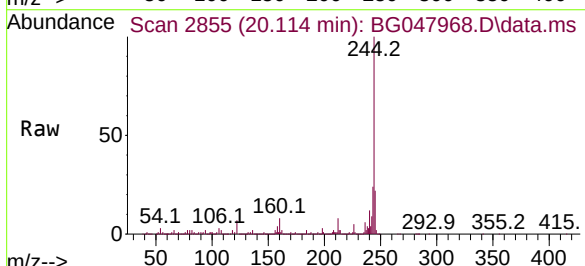
Tgt Ion:184 Resp: 21262

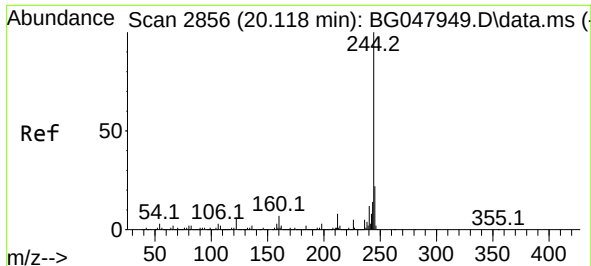
Ion Ratio Lower Upper

184 100

185 17.4 12.4 18.6

183 13.4 10.6 15.8

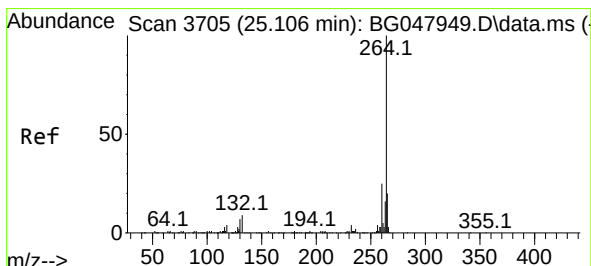
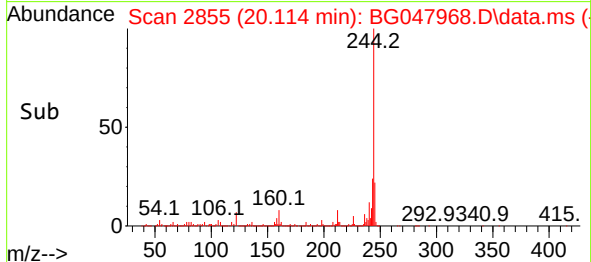
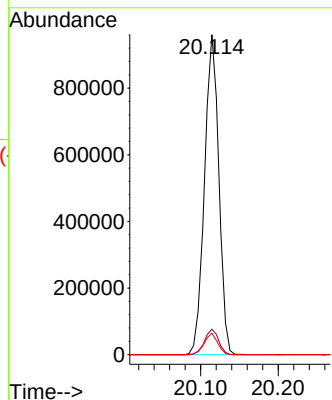
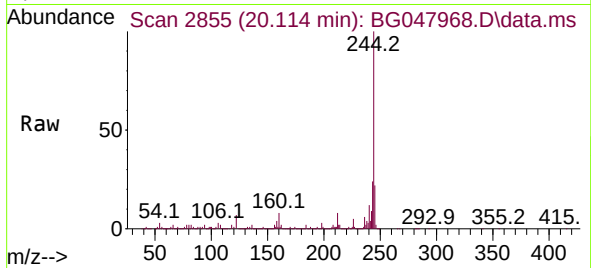




#79
 Terphenyl-d14
 Concen: 66.72 ng
 RT: 20.114 min Scan# 2855
 Delta R.T. -0.004 min
 Lab File: BG047968.D
 Acq: 22 Jan 2021 00:47

Instrument :
 BNA_G
 ClientSampleId :
 0027-SITE-WATER-051

Tgt Ion:244 Resp: 1236648
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 6.7 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.097 min Scan# 3703
 Delta R.T. -0.009 min
 Lab File: BG047968.D
 Acq: 22 Jan 2021 00:47

Tgt Ion:264 Resp: 349537
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 20.2 17.8 26.8

