

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047969.D
 Acq On : 22 Jan 2021 1:27
 Operator : CG/JU
 Sample : M1191-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0028-SITE-WATER-052

Quant Time: Jan 22 02:11:19 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)

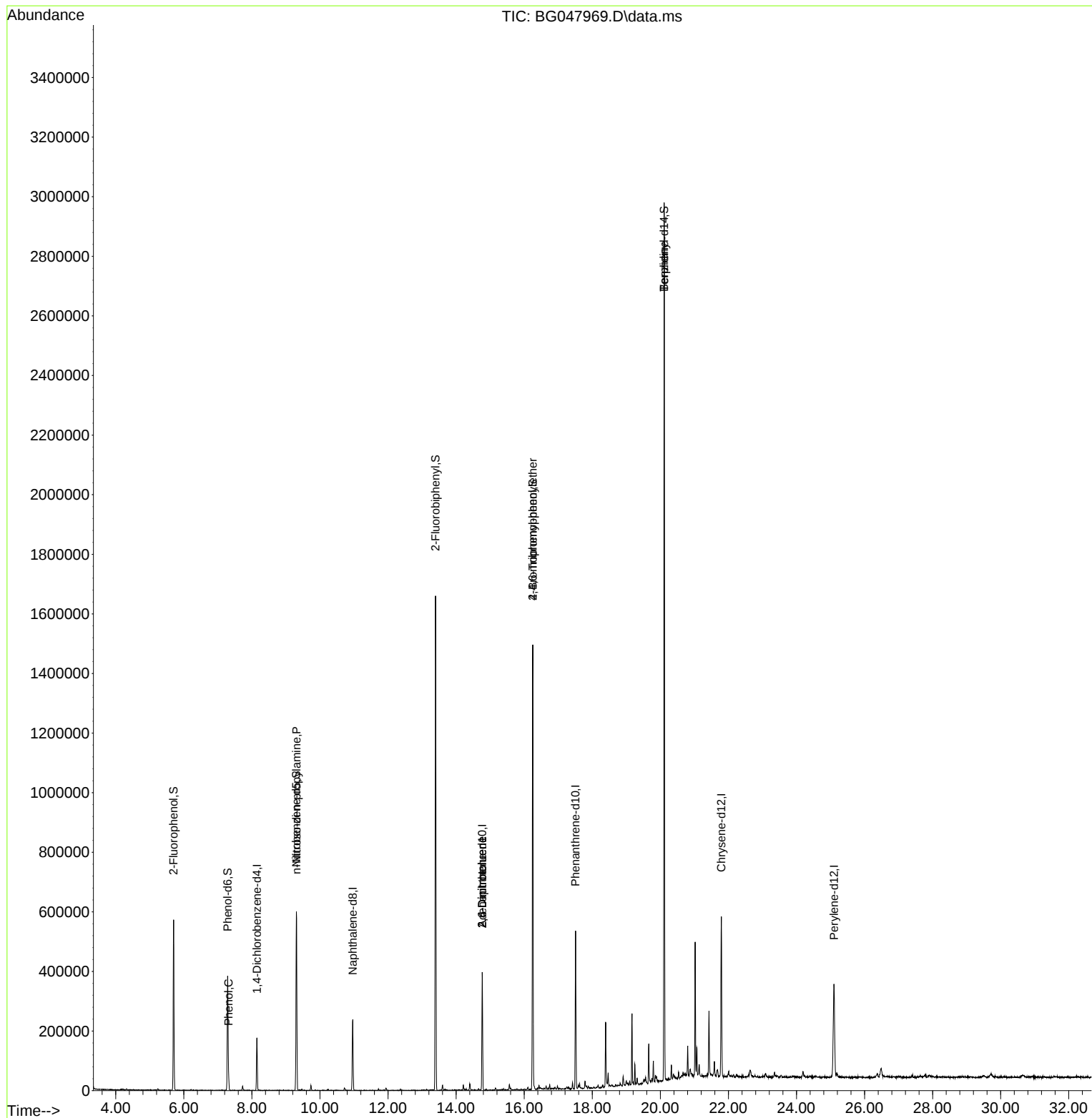
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	48340	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	189821	20.00	ng	0.00
39) Acenaphthene-d10	14.765	164	136898	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	326058	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	343152	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	353638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	211915	71.50	ng	0.00
7) Phenol-d6	7.286	99	203475	45.48	ng	0.00
23) Nitrobenzene-d5	9.307	82	353023	81.78	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	289906	132.33	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	831158	81.08	ng	0.00
79) Terphenyl-d14	20.112	244	1305422	70.33	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.578	88	65	Below Cal	#	60
9) Benzaldehyde	7.292	77	550	Below Cal	#	1
10) Phenol	7.315	94	23491	5.54	ng	83
19) n-Nitroso-di-n-propyla...	9.313	70	52872	16.70	ng	# 80
51) 2,6-Dinitrotoluene	14.765	165	18267	7.97	ng	# 36
57) 2,4-Dinitrotoluene	14.765	165	18267	5.68	ng	# 34
67) 4-Bromophenyl-phenylether	16.252	248	19617	4.54	ng	# 1
77) Benzidine	20.112	184	22209	2.53	ng	# 94

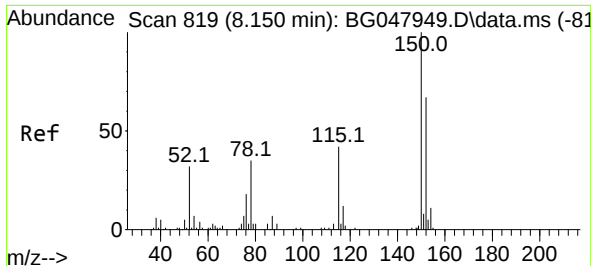
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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0028-SITE-WATER-052

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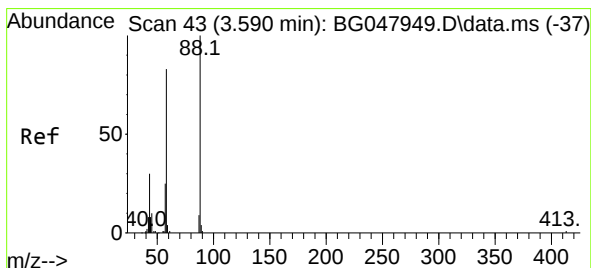
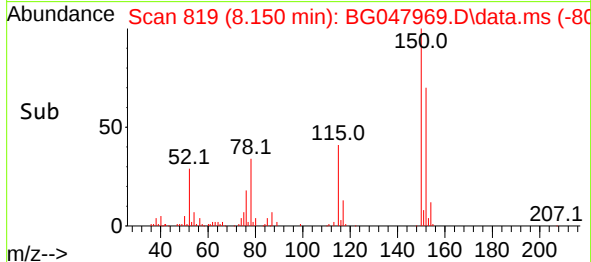
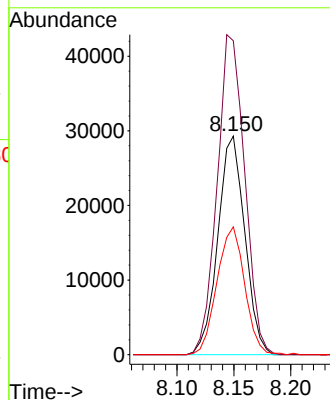
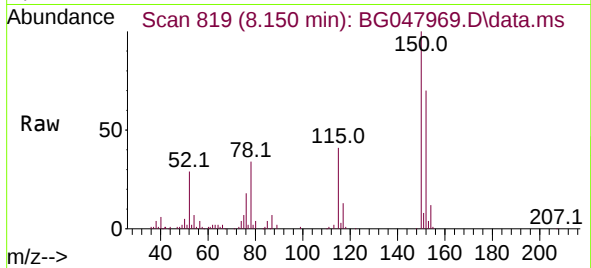




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.150 min Scan# 819
Delta R.T. -0.000 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

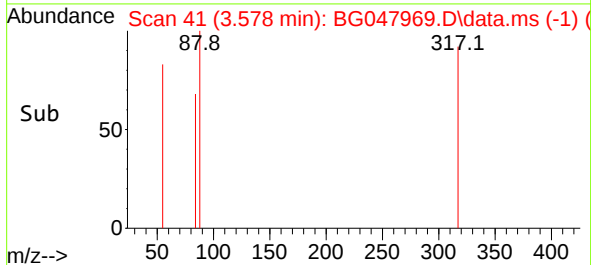
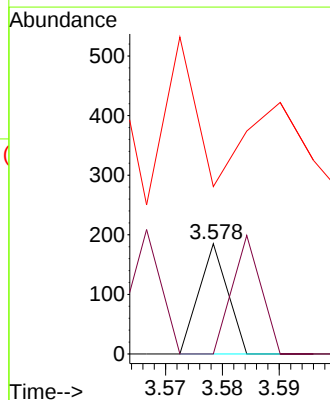
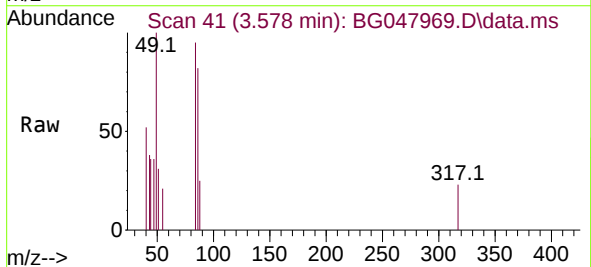
Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

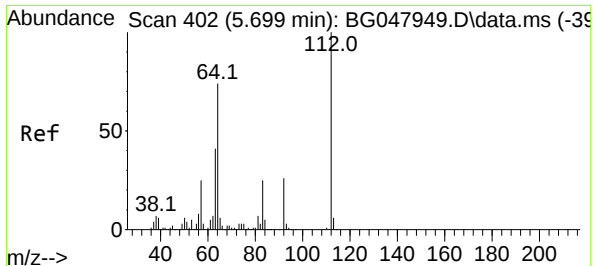
Tgt Ion:152 Resp: 48340
Ion Ratio Lower Upper
152 100
150 143.6 125.0 187.6
115 58.5 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.578 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
58 107.7 61.6 92.4#
43 0.0 21.3 31.9#

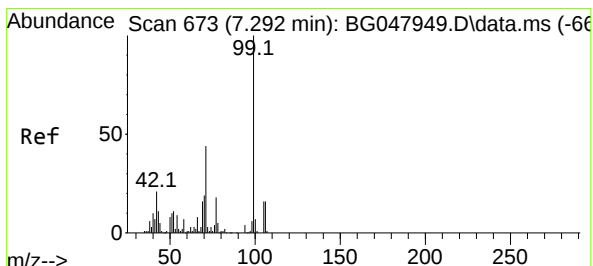
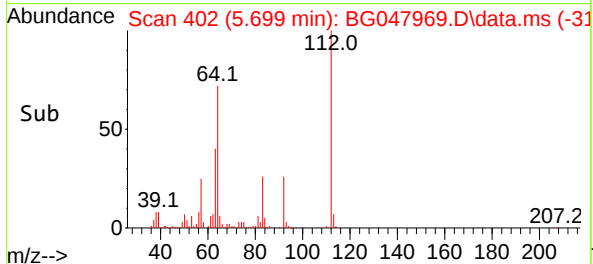
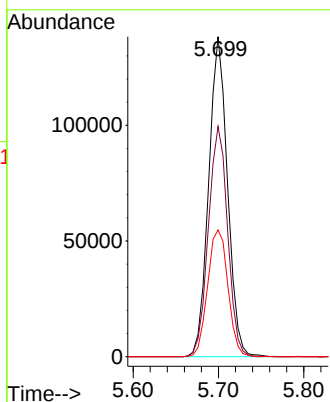
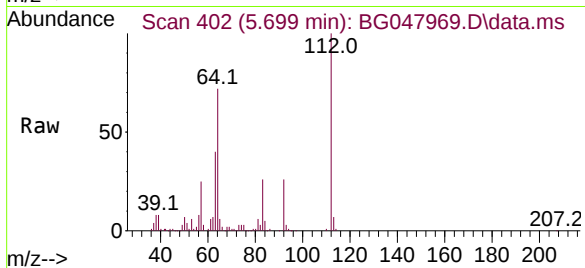




#5
2-Fluorophenol
Concen: 71.50 ng
RT: 5.699 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

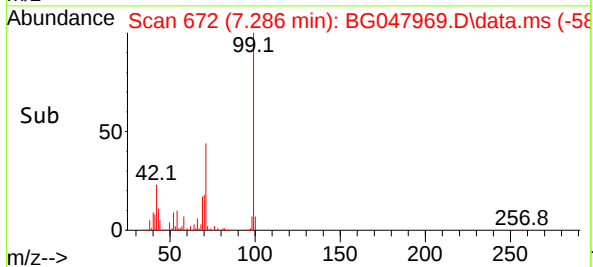
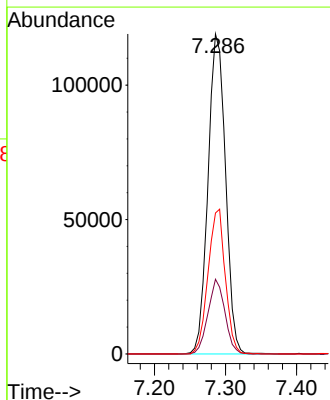
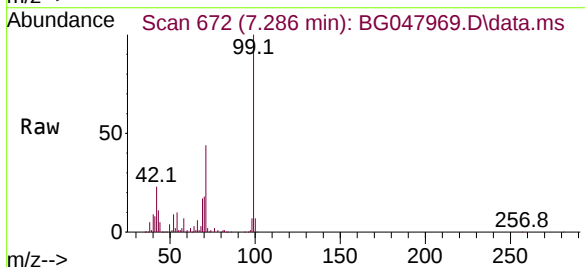
Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

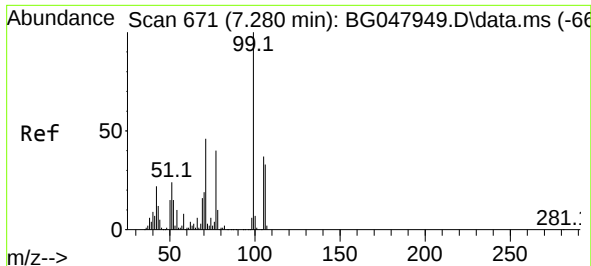
Tgt Ion:112 Resp: 211915
Ion Ratio Lower Upper
112 100
64 71.9 46.7 70.1#
63 39.6 22.8 34.2#



#7
Phenol-d6
Concen: 45.48 ng
RT: 7.286 min Scan# 672
Delta R.T. -0.006 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion: 99 Resp: 203475
Ion Ratio Lower Upper
99 100
42 23.3 12.8 19.2#
71 44.0 24.6 36.8#

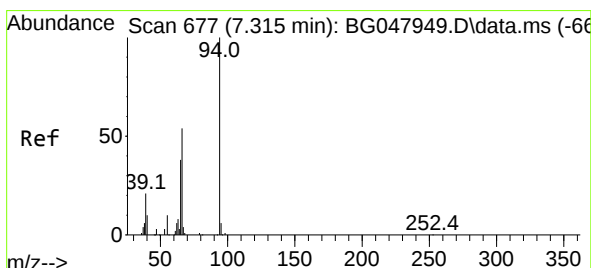
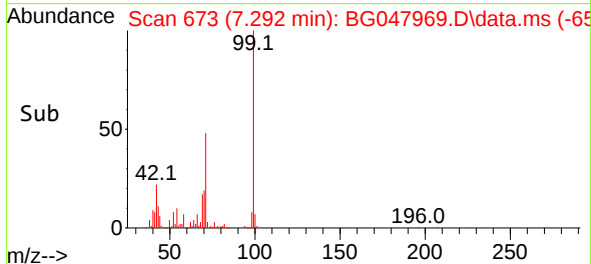
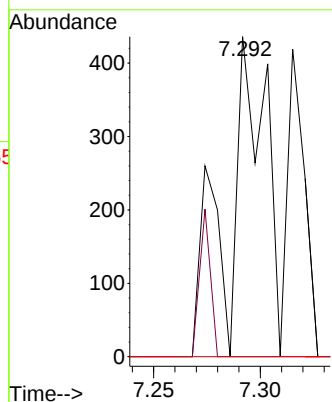
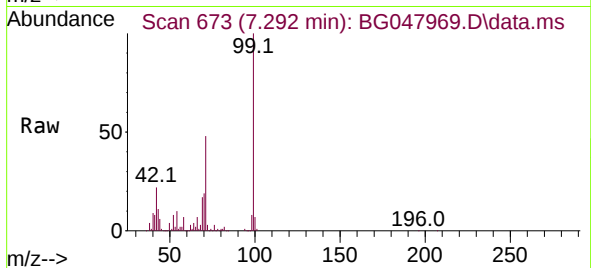




#9
Benzaldehyde
Concen: Below Cal
RT: 7.292 min Scan# 673
Delta R.T. 0.012 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

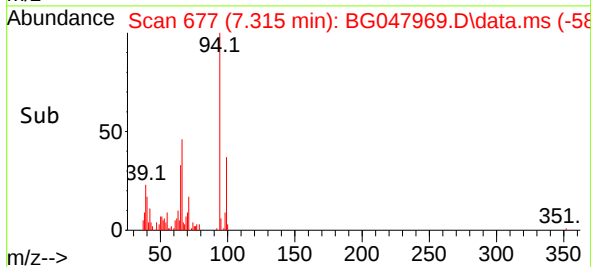
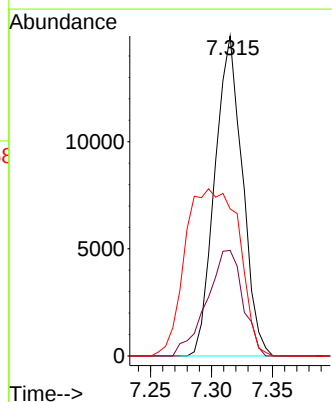
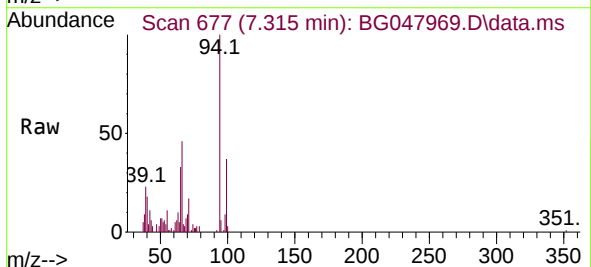
Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

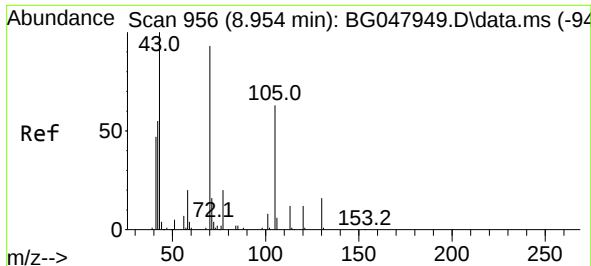
Tgt Ion: 77 Resp: 550
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 5.54 ng
RT: 7.315 min Scan# 677
Delta R.T. 0.000 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion: 94 Resp: 23491
Ion Ratio Lower Upper
94 100
65 33.0 6.6 46.6
66 46.0 13.9 53.9

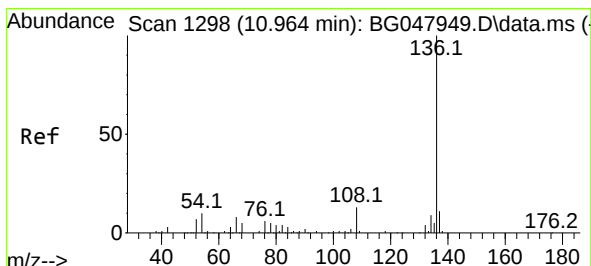
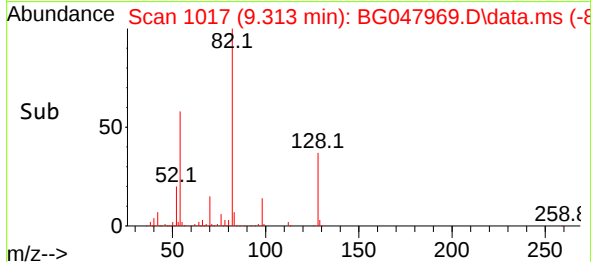
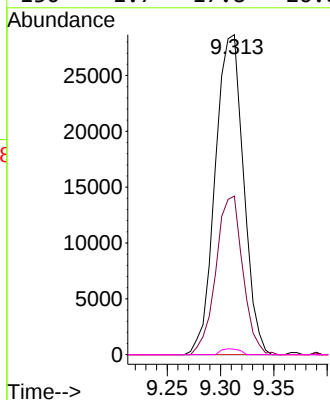
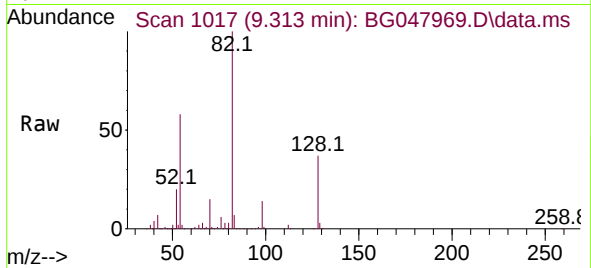




#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 9.313 min Scan# 1017
Delta R.T. 0.358 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

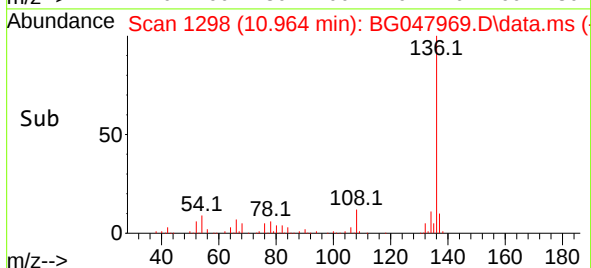
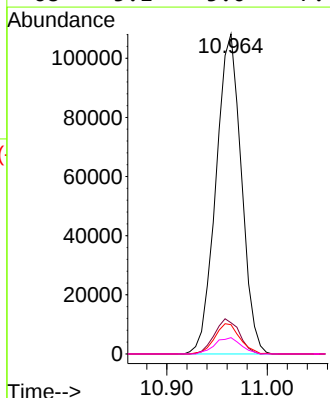
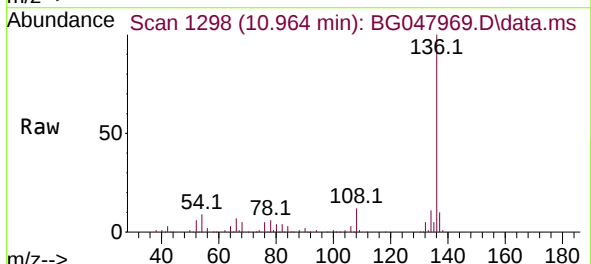
Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

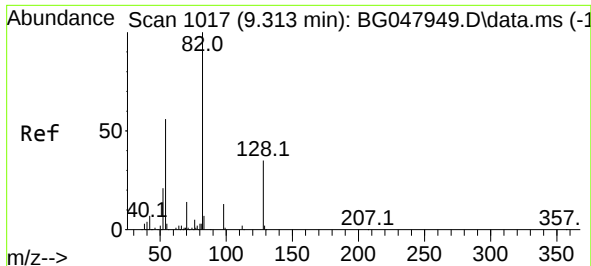
Tgt Ion:	70	Resp:	52872
Ion Ratio	Lower	Upper	
70	100		
42	49.5	45.6	68.4
101	0.0	8.4	12.6#
130	1.7	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion:	136	Resp:	189821
Ion Ratio	Lower	Upper	
136	100		
137	9.7	9.1	13.7
54	9.2	6.2	9.4
68	5.1	5.0	7.4

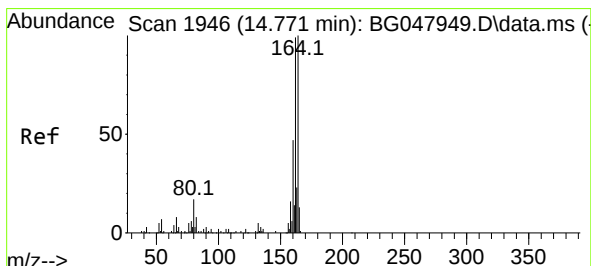
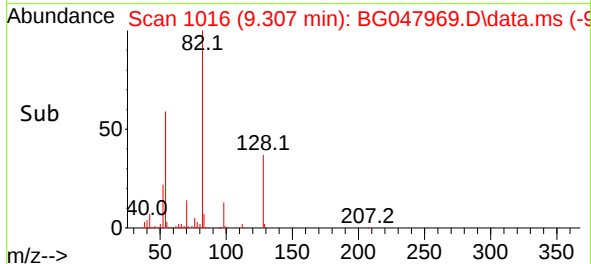
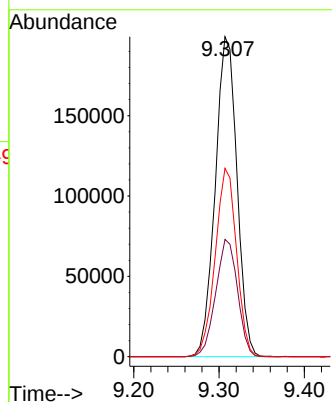
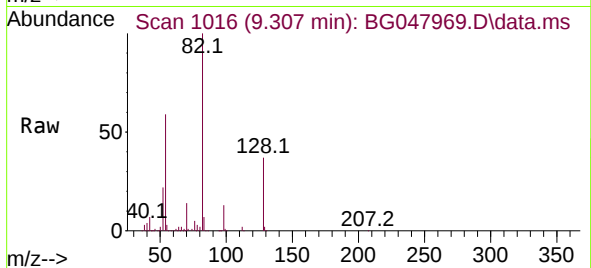




#23
Nitrobenzene-d5
Concen: 81.78 ng
RT: 9.307 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

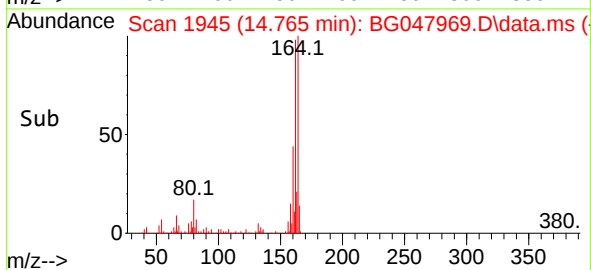
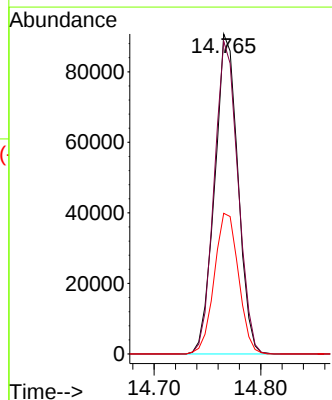
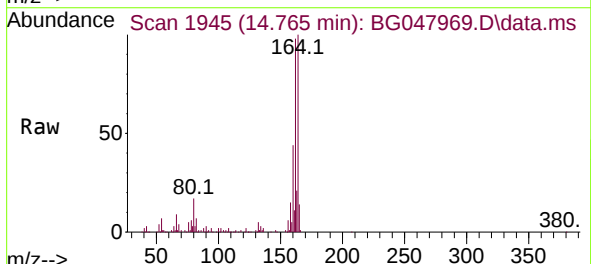
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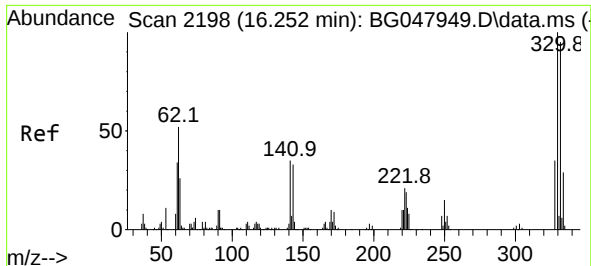
Tgt Ion: 82 Resp: 353023
Ion Ratio Lower Upper
82 100
128 36.6 37.0 55.6#
54 58.9 39.0 58.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion:164 Resp: 136898
Ion Ratio Lower Upper
164 100
162 97.7 82.3 123.5
160 44.0 35.3 52.9

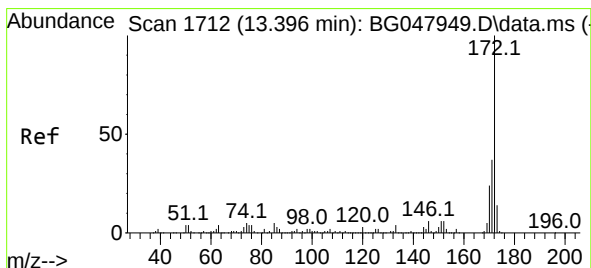
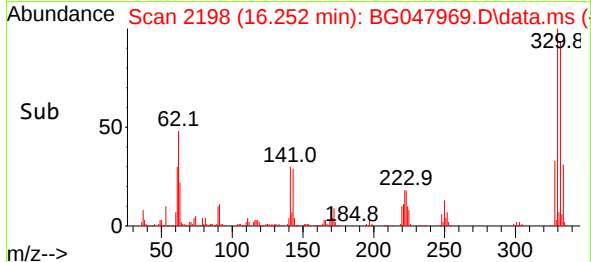
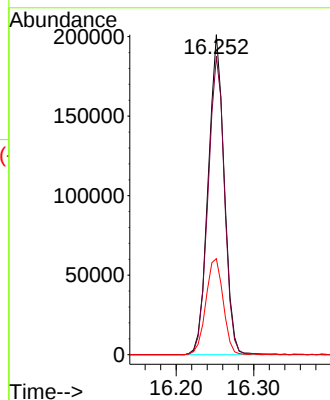
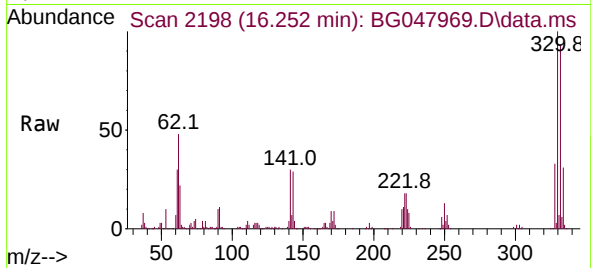




#42
2,4,6-Tribromophenol
Concen: 132.33 ng
RT: 16.252 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

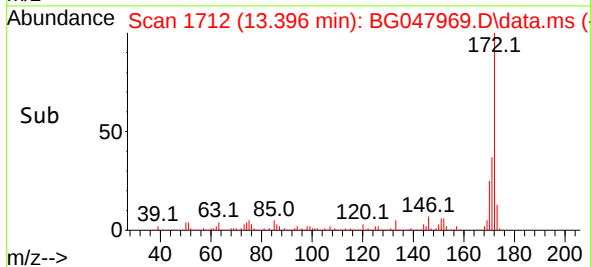
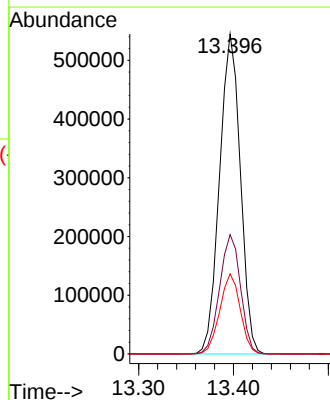
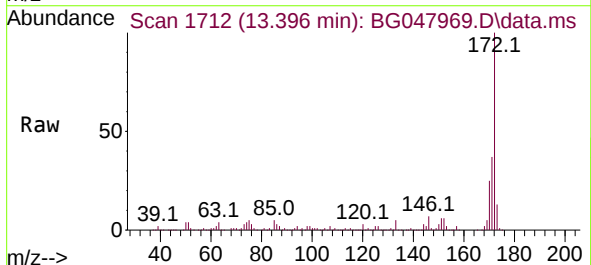
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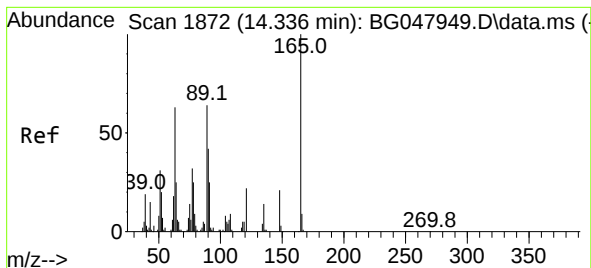
Tgt Ion:330 Resp: 289906
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 32.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 81.08 ng
RT: 13.396 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion:172 Resp: 831158
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 25.1 20.8 31.2

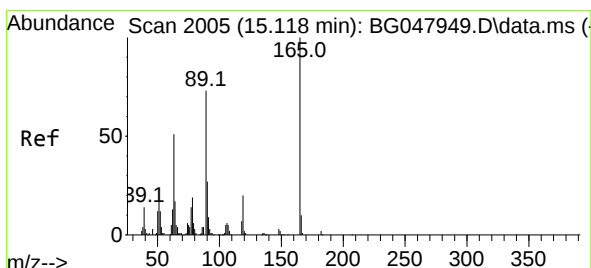
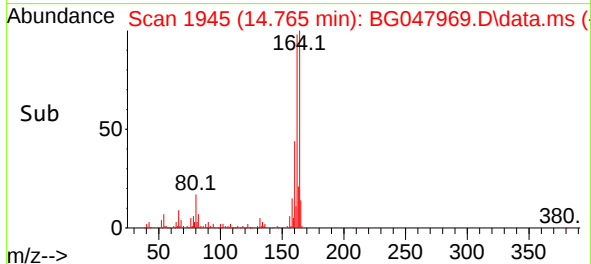
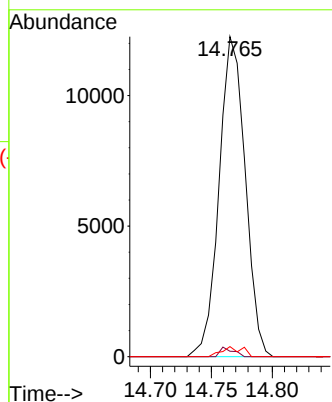
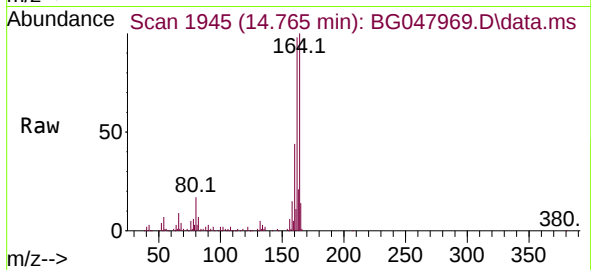




#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 14.765 min Scan# 1945
Delta R.T. 0.429 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

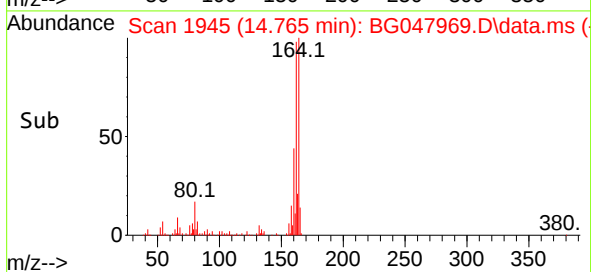
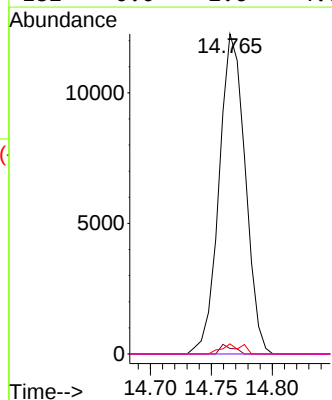
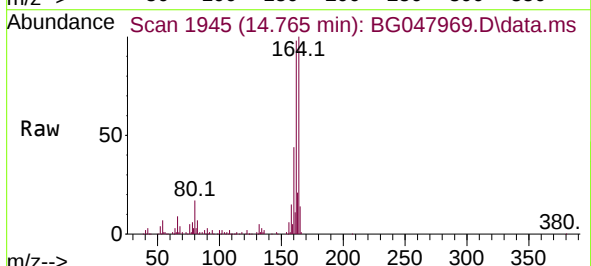
Instrument :
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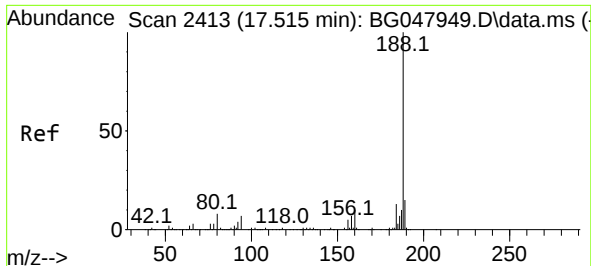
Tgt Ion:165 Resp: 18267
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 3.2 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.353 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion:165 Resp: 18267
Ion Ratio Lower Upper
165 100
63 1.7 26.4 39.6#
89 3.2 47.8 71.8#
182 0.0 2.6 4.0#

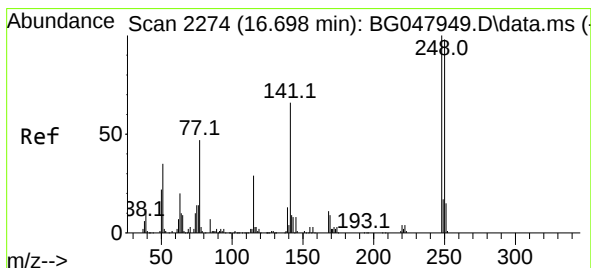
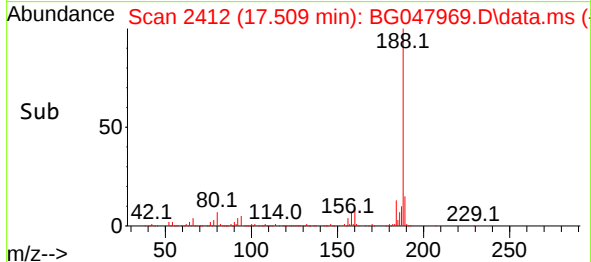
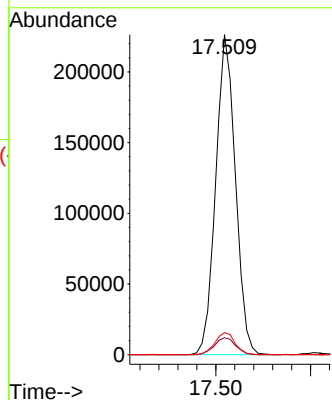
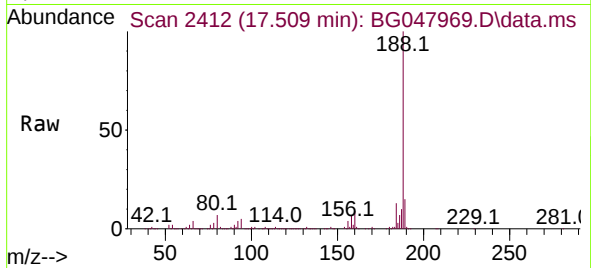




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

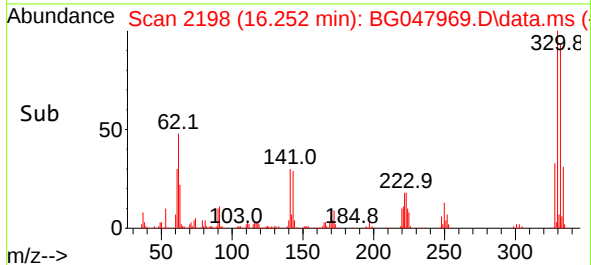
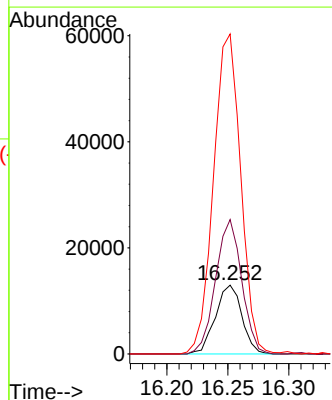
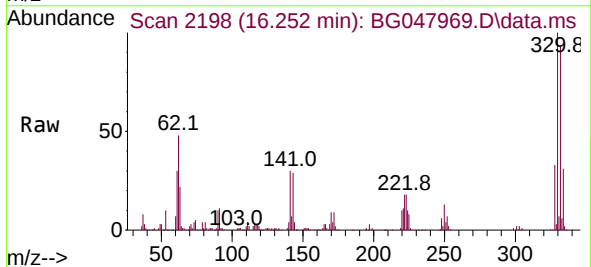
Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

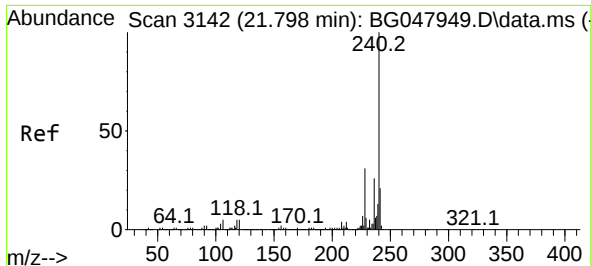
Tgt Ion:188 Resp: 326058
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.9 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.447 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion:248 Resp: 19617
Ion Ratio Lower Upper
248 100
250 195.3 78.9 118.3#
141 464.6 46.2 69.4#

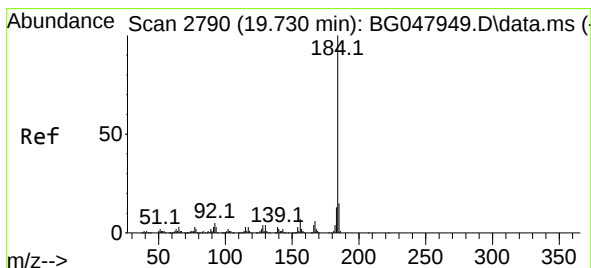
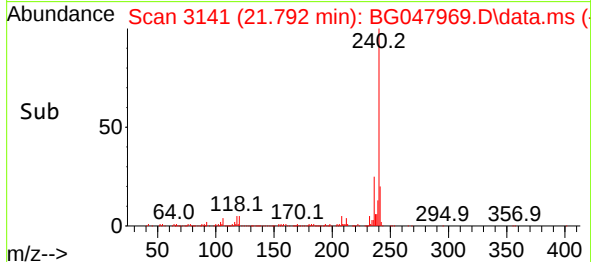
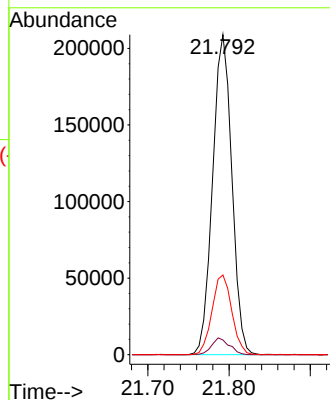
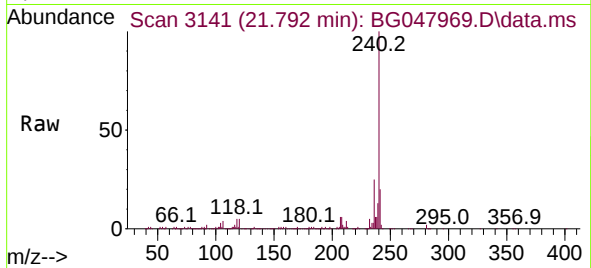




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

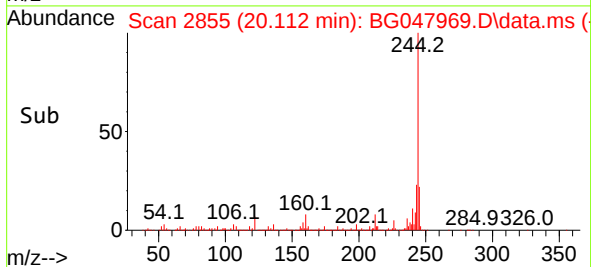
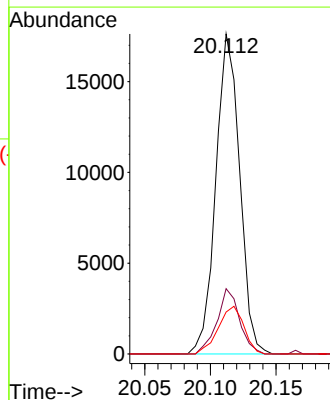
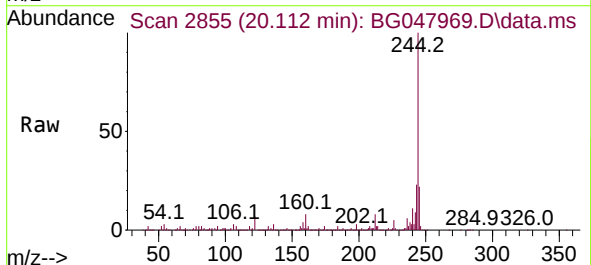
Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

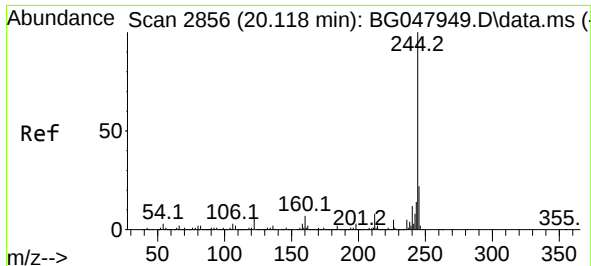
Tgt Ion:240 Resp: 343152
Ion Ratio Lower Upper
240 100
120 4.6 6.2 9.4#
236 24.9 20.5 30.7



#77
Benzidine
Concen: 2.53 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.382 min
Lab File: BG047969.D
Acq: 22 Jan 2021 1:27

Tgt Ion:184 Resp: 22209
Ion Ratio Lower Upper
184 100
185 20.4 12.4 18.6#
183 13.1 10.6 15.8

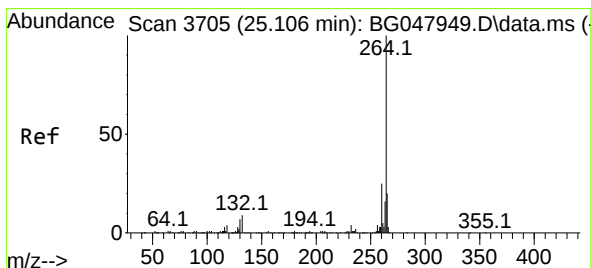
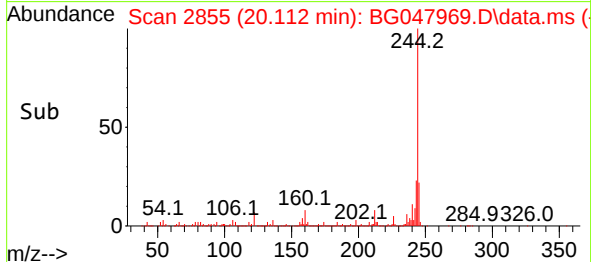
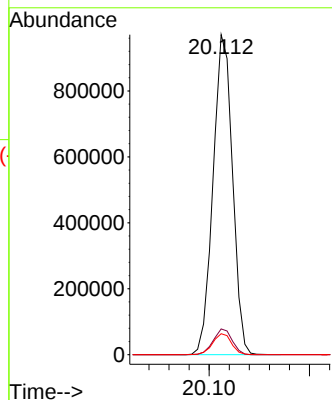
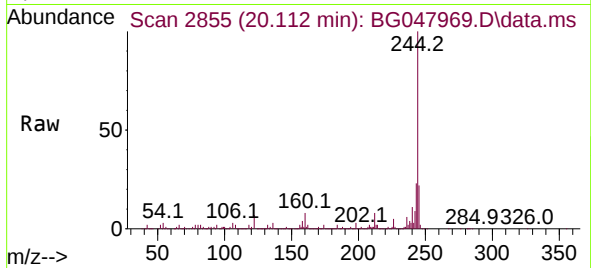




#79
 Terphenyl-d14
 Concen: 70.33 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BG047969.D
 Acq: 22 Jan 2021 1:27

Instrument :
 BNA_G
 ClientSampleId :
 0028-SITE-WATER-052

Tgt Ion:244 Resp: 1305422
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 6.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.100 min Scan# 3704
 Delta R.T. -0.006 min
 Lab File: BG047969.D
 Acq: 22 Jan 2021 1:27

Tgt Ion:264 Resp: 353638
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 20.5 17.8 26.8

