

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047982.D
 Acq On : 22 Jan 2021 17:39
 Operator : CG/JU
 Sample : M1191-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0023-SITE-WATER-044

Quant Time: Jan 22 22:25:48 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)

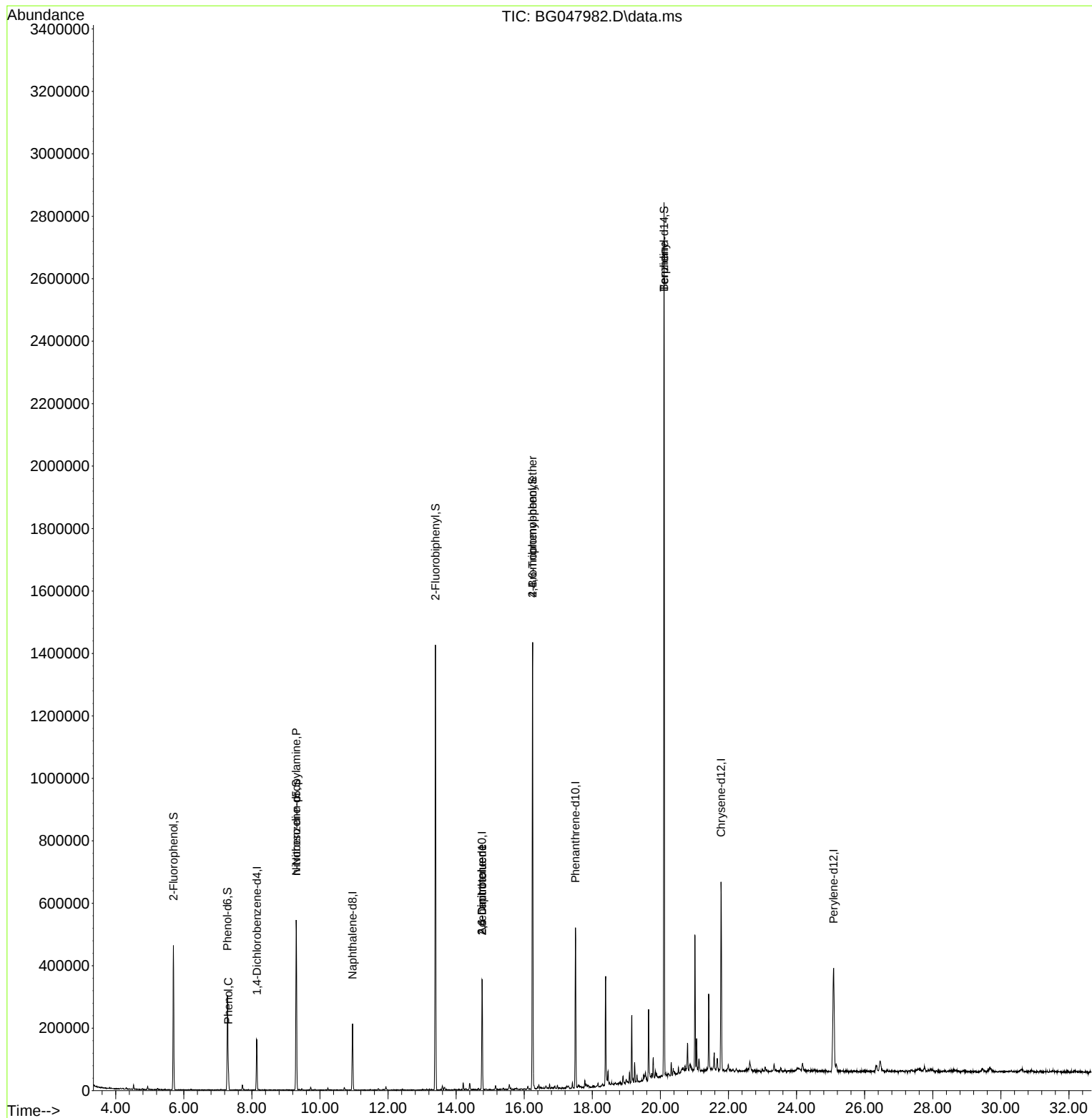
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	44274	20.00	ng	0.00
21) Naphthalene-d8	10.959	136	172319	20.00	ng	# 0.00
39) Acenaphthene-d10	14.760	164	129674	20.00	ng	-0.01
64) Phenanthrene-d10	17.504	188	331597	20.00	ng	#-0.01
76) Chrysene-d12	21.781	240	380934	20.00	ng	#-0.02
86) Perylene-d12	25.089	264	384973	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	172103	63.40	ng	0.00
7) Phenol-d6	7.281	99	154775	37.77	ng	-0.01
23) Nitrobenzene-d5	9.302	82	320947	81.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	273299	131.70	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	726037	74.77	ng	0.00
79) Terphenyl-d14	20.107	244	1224679	59.44	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.579	88	514	Below Cal	#	9
9) Benzaldehyde	7.281	77	188	Below Cal	#	1
10) Phenol	7.310	94	26779	6.90	ng	76
19) n-Nitroso-di-n-propyla...	9.302	70	47203	16.28	ng	# 74
32) Benzoic acid	10.195	122	62	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.760	165	17072	7.87	ng	# 32
57) 2,4-Dinitrotoluene	14.760	165	17072	5.61	ng	# 30
67) 4-Bromophenyl-phenylether	16.247	248	18432	4.19	ng	# 1
77) Benzidine	20.107	184	20047	2.06	ng	94

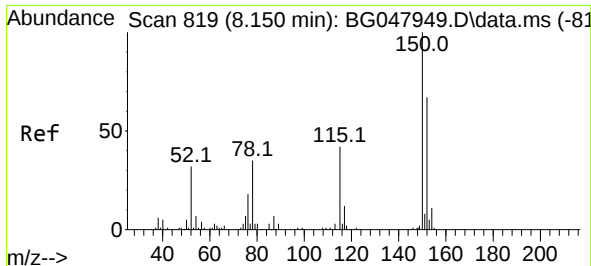
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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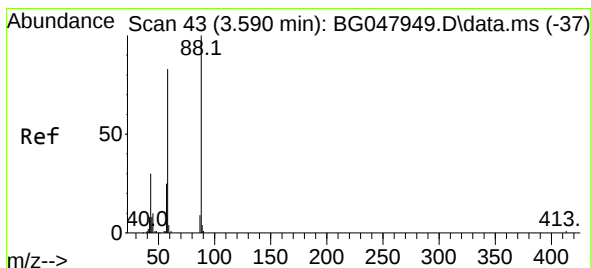
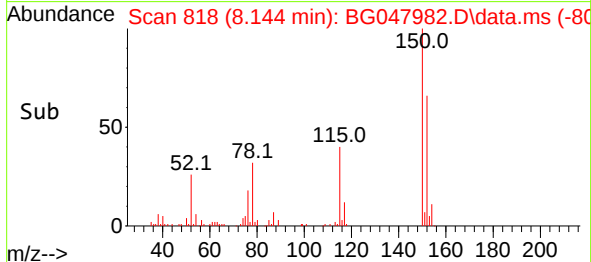
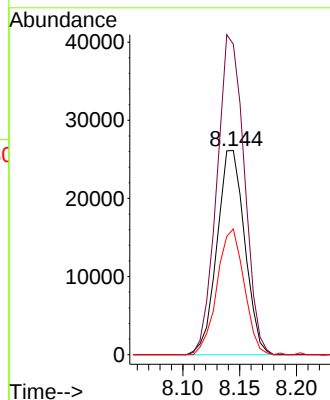
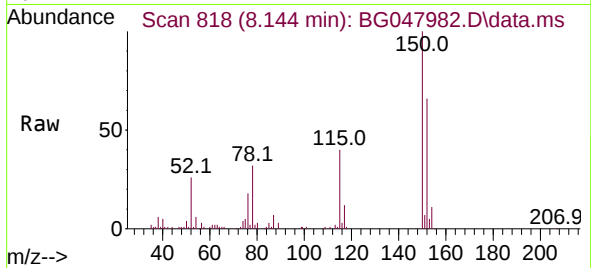




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.144 min Scan# 818
Delta R.T. -0.006 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

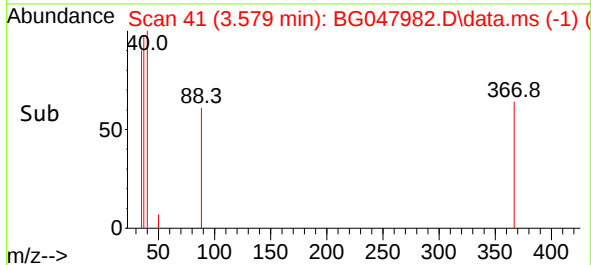
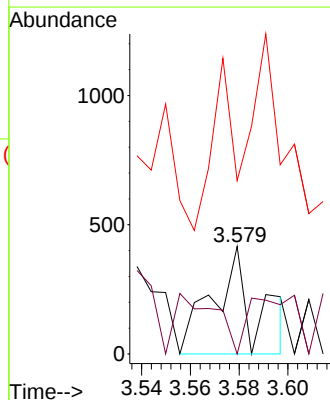
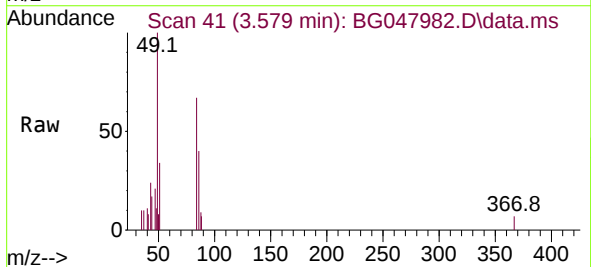
Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044

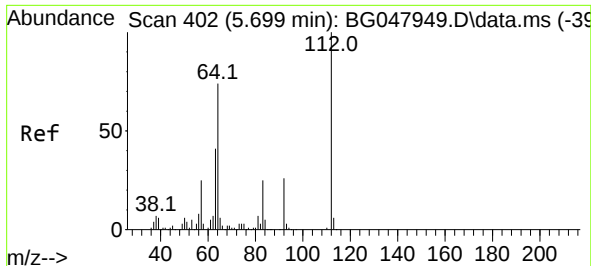
Tgt Ion:152 Resp: 44274
Ion Ratio Lower Upper
152 100
150 152.1 125.0 187.6
115 61.6 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.579 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Tgt Ion: 88 Resp: 514
Ion Ratio Lower Upper
88 100
58 0.0 61.6 92.4#
43 75.5 21.3 31.9#

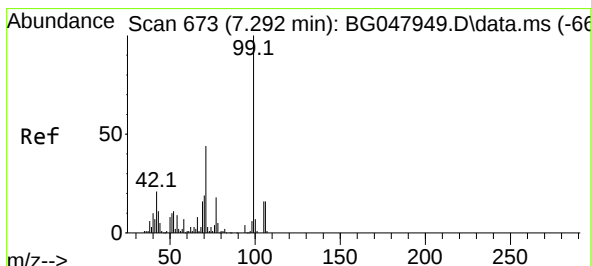
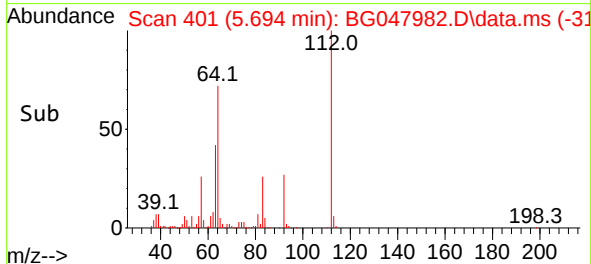
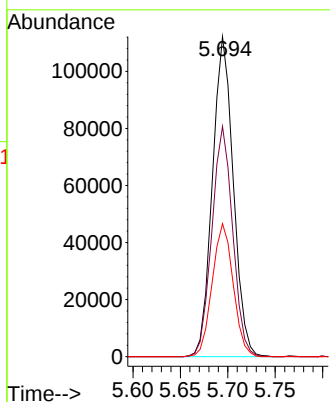
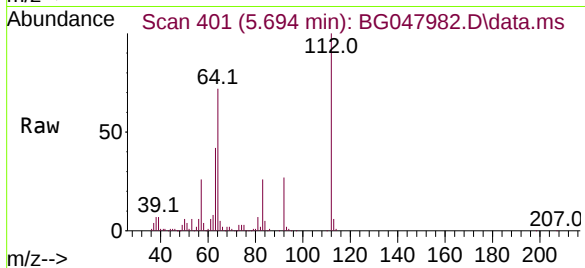




#5
2-Fluorophenol
Concen: 63.40 ng
RT: 5.694 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

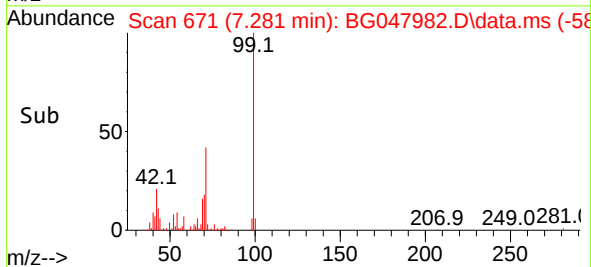
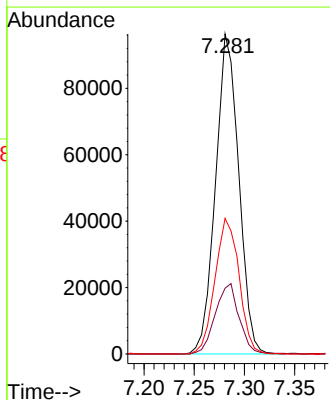
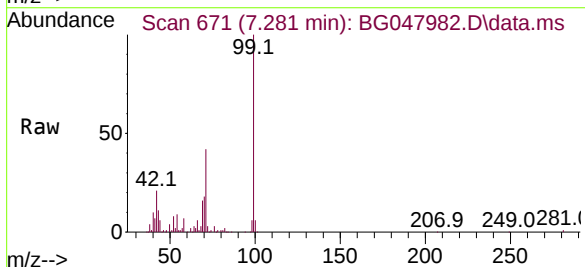
Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044

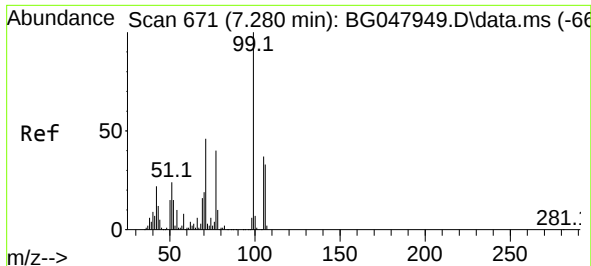
Tgt Ion:112 Resp: 172103
Ion Ratio Lower Upper
112 100
64 71.9 46.7 70.1#
63 41.6 22.8 34.2#



#7
Phenol-d6
Concen: 37.77 ng
RT: 7.281 min Scan# 671
Delta R.T. -0.011 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Tgt Ion: 99 Resp: 154775
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 42.4 24.6 36.8#

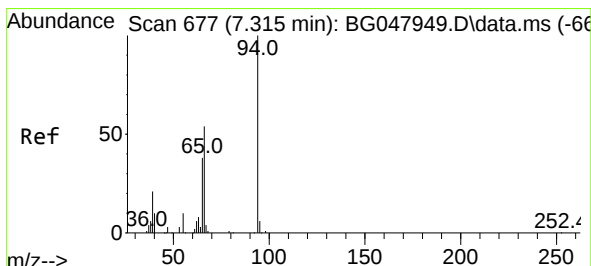
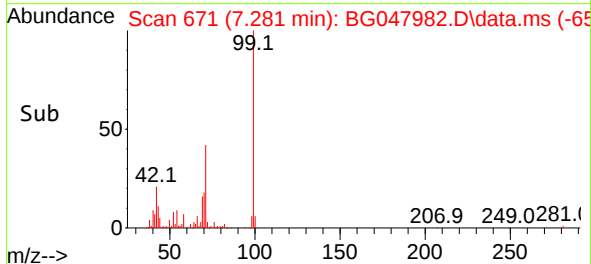
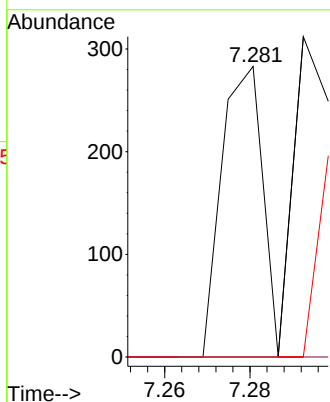
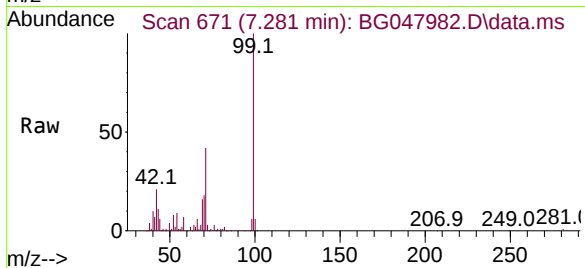




#9
Benzaldehyde
Concen: Below Cal
RT: 7.281 min Scan# 671
Delta R.T. 0.001 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

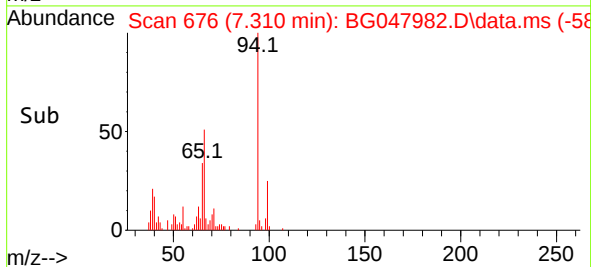
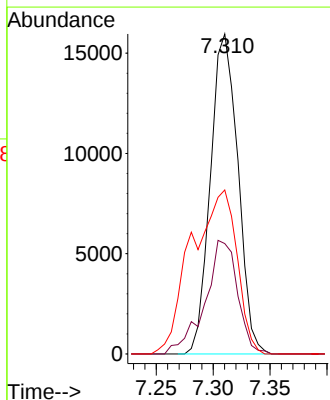
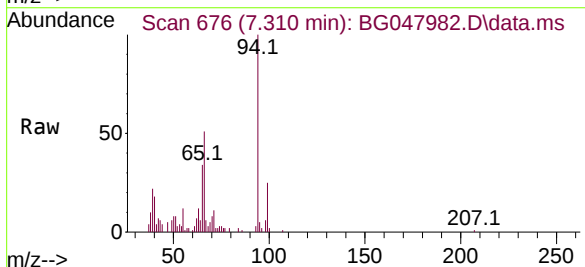
Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044

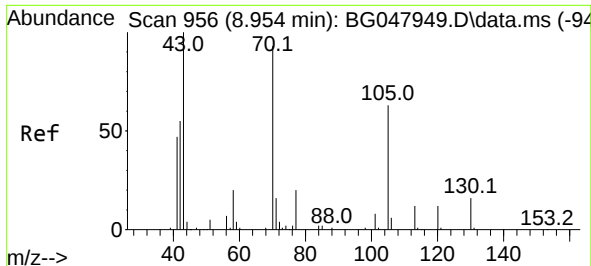
Tgt Ion: 77 Resp: 188
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 6.90 ng
RT: 7.310 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Tgt Ion: 94 Resp: 26779
Ion Ratio Lower Upper
94 100
65 34.5 6.6 46.6
66 51.3 13.9 53.9

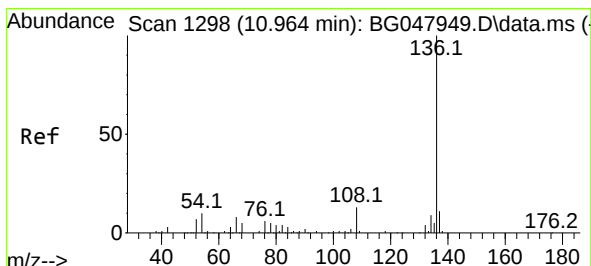
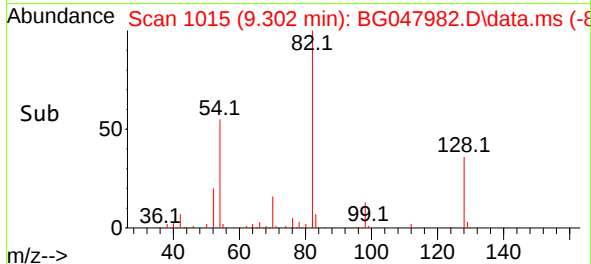
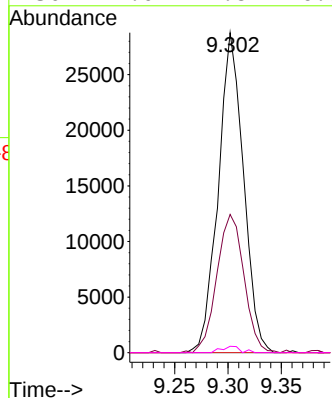
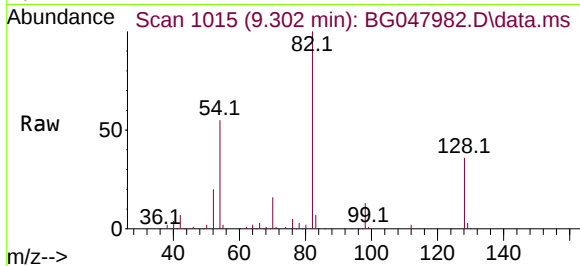




#19
n-Nitroso-di-n-propylamine
Concen: 16.28 ng
RT: 9.302 min Scan# 1015
Delta R.T. 0.347 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

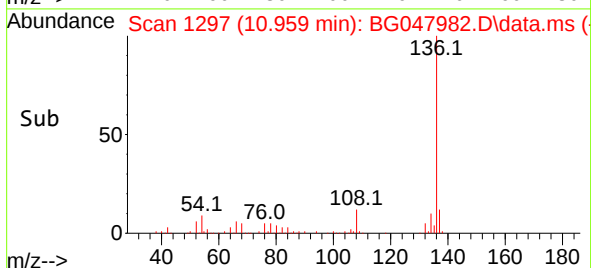
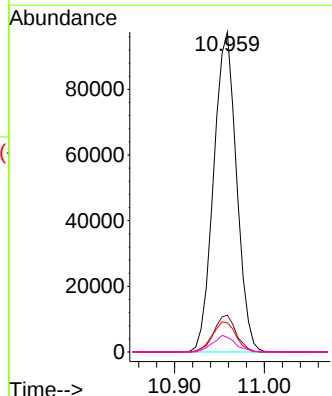
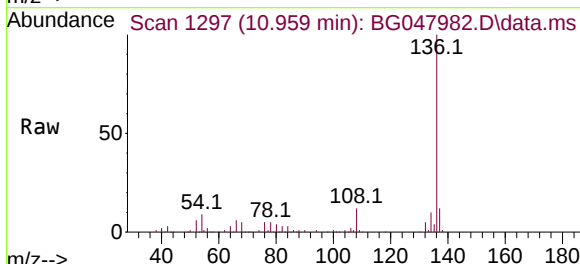
Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044

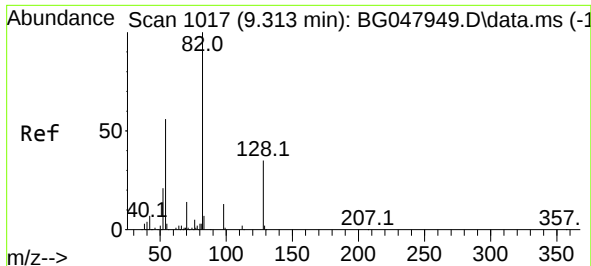
Tgt Ion:	70	Resp:	47203
Ion	Ratio	Lower	Upper
70	100		
42	43.2	45.6	68.4#
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.959 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Tgt Ion:	136	Resp:	172319
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.1	6.2	9.4
68	4.6	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 81.90 ng

RT: 9.302 min Scan# 1015

Delta R.T. -0.011 min

Lab File: BG047982.D

Acq: 22 Jan 2021 17:39

Tgt Ion: 82 Resp: 320947

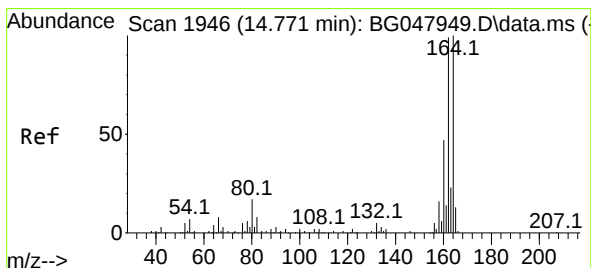
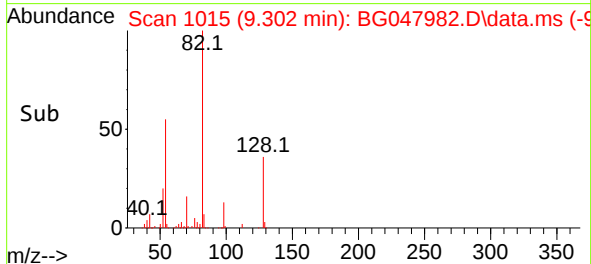
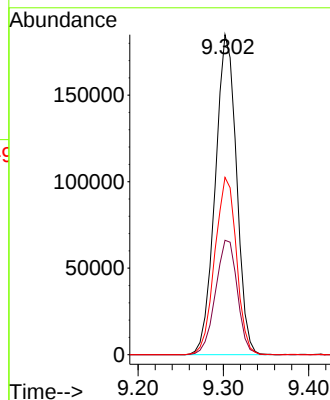
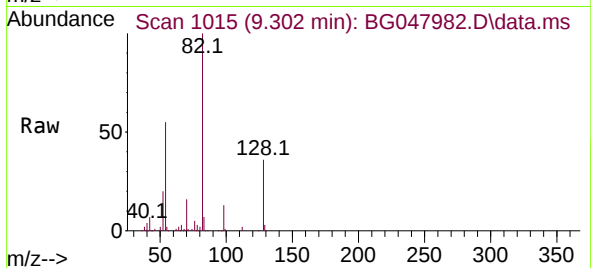
Ion	Ratio	Lower	Upper
82	100		
128	35.8	37.0	55.6#
54	55.4	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

0023-SITE-WATER-044



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.760 min Scan# 1944

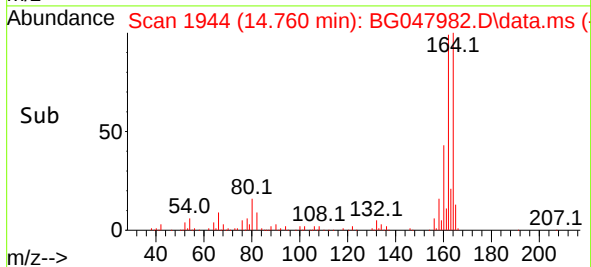
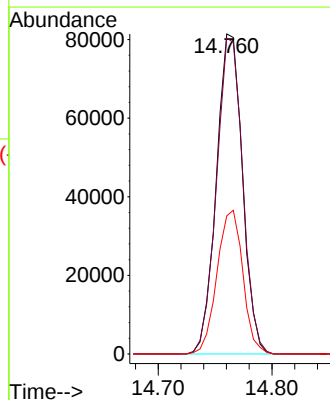
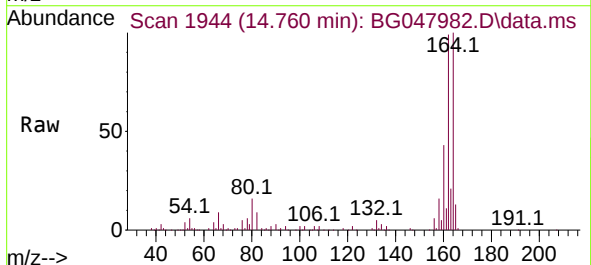
Delta R.T. -0.011 min

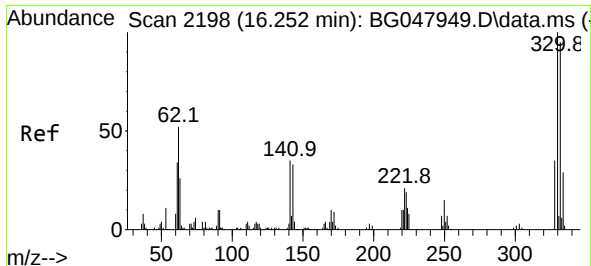
Lab File: BG047982.D

Acq: 22 Jan 2021 17:39

Tgt Ion: 164 Resp: 129674

Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.3	123.5
160	43.1	35.3	52.9

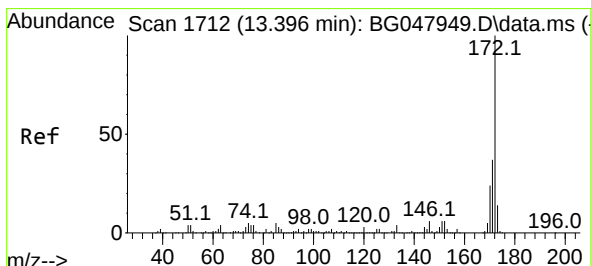
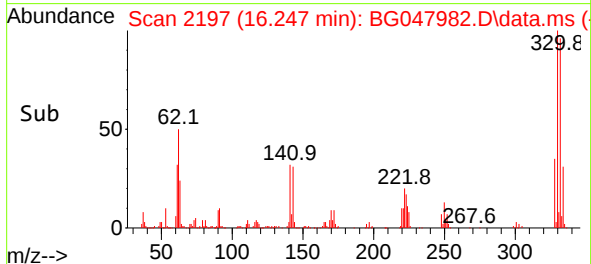
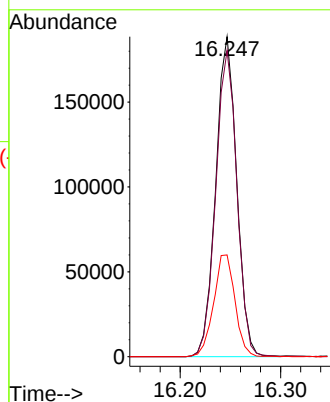
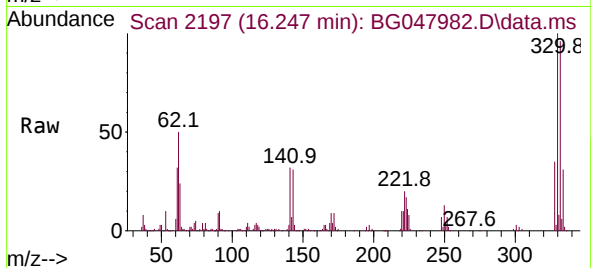




#42
2,4,6-Tribromophenol
Concen: 131.70 ng
RT: 16.247 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

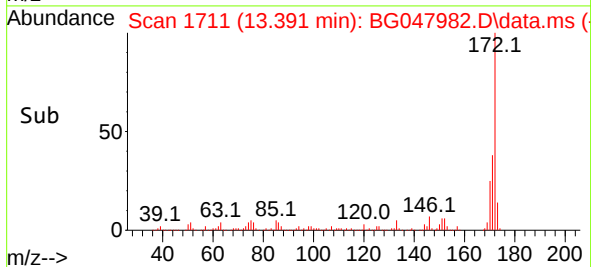
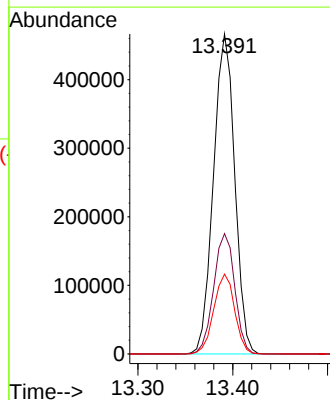
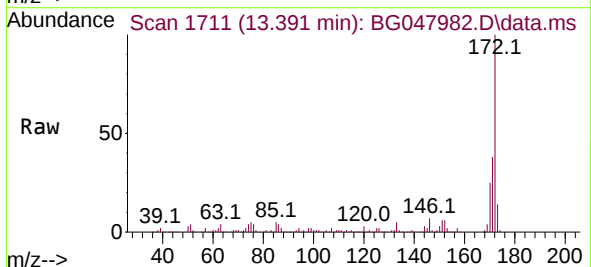
Instrument :
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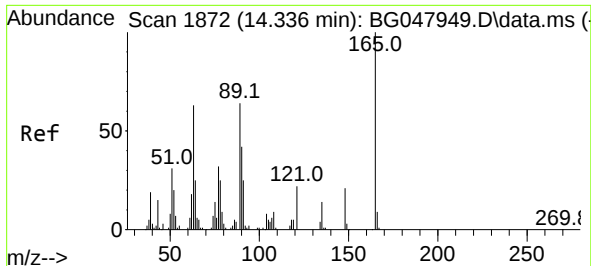
Tgt Ion:330 Resp: 273299
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 32.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 74.77 ng
RT: 13.391 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

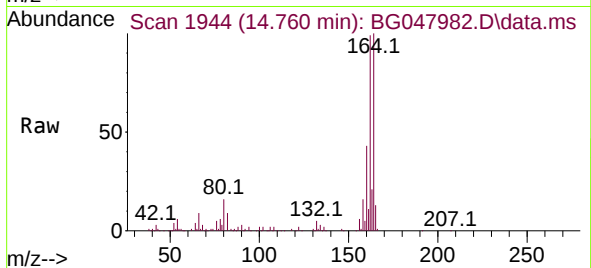
Tgt Ion:172 Resp: 726037
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.9 20.8 31.2



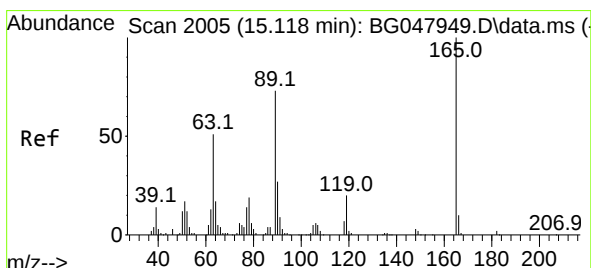
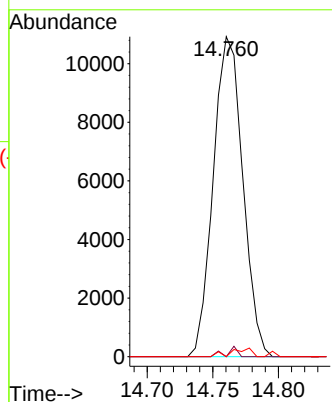
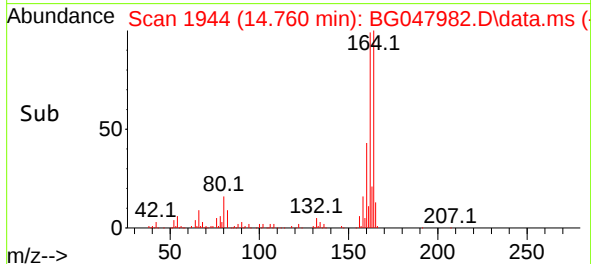


#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.760 min Scan# 1944
Delta R.T. 0.424 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

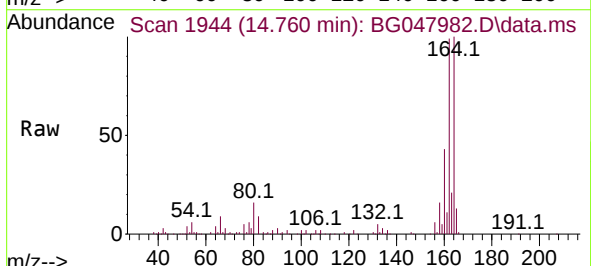
Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044



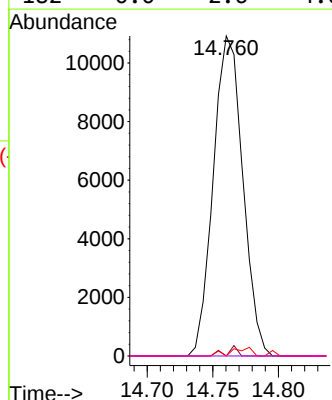
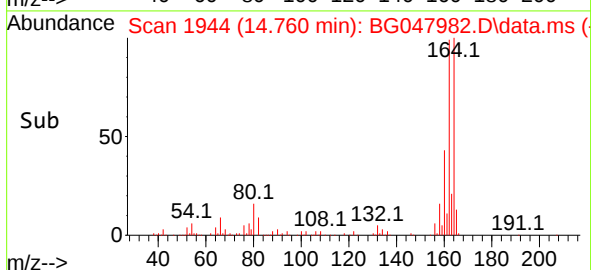
Tgt Ion:165 Resp: 17072
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

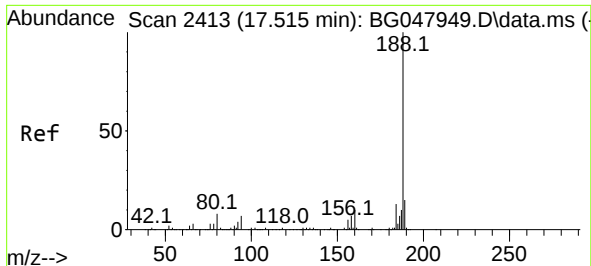


#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 14.760 min Scan# 1944
Delta R.T. -0.358 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39



Tgt Ion:165 Resp: 17072
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#

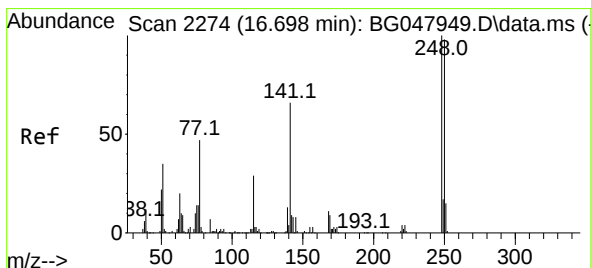
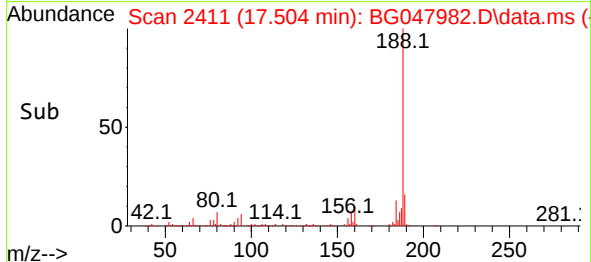
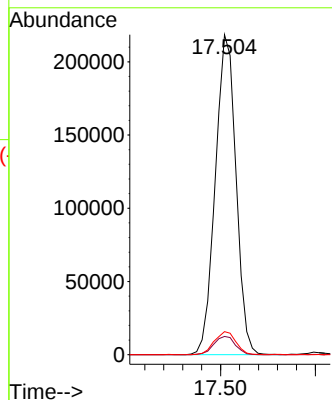
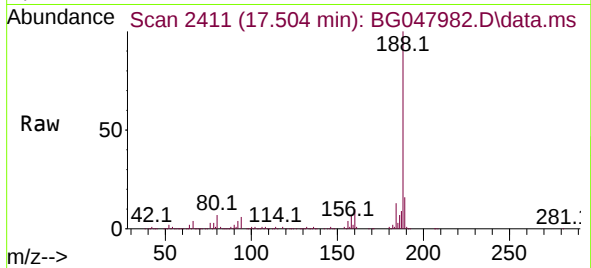




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

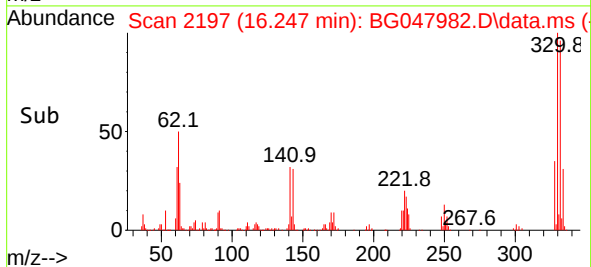
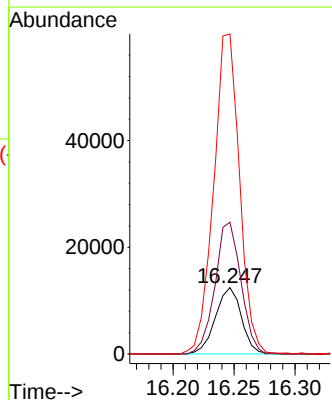
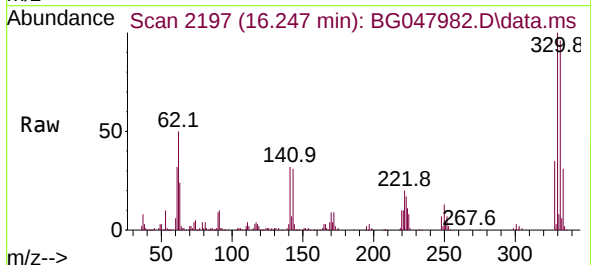
Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044

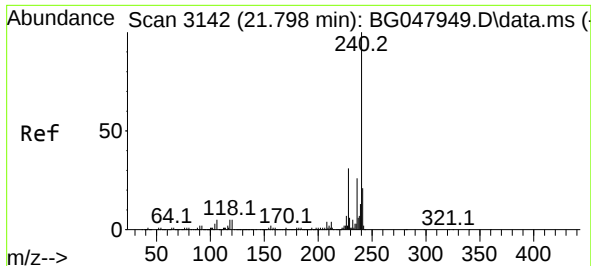
Tgt Ion:188 Resp: 331597
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 16.247 min Scan# 2197
Delta R.T. -0.452 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Tgt Ion:248 Resp: 18432
Ion Ratio Lower Upper
248 100
250 198.4 78.9 118.3#
141 481.7 46.2 69.4#

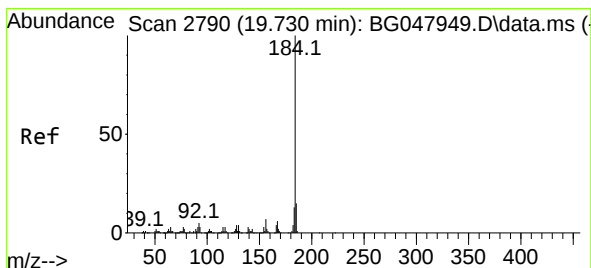
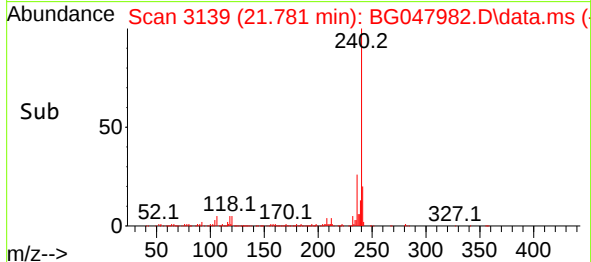
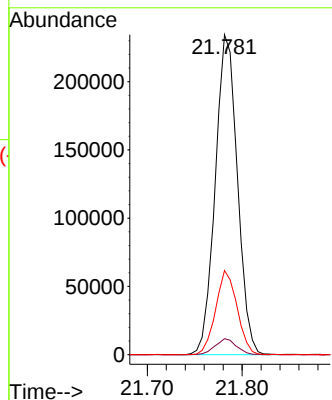
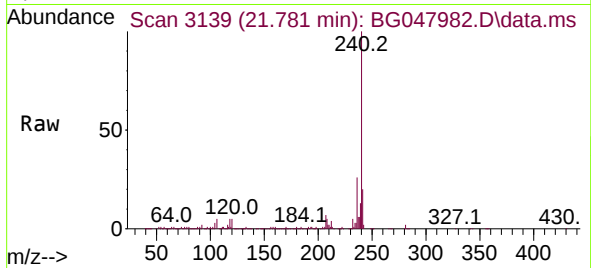




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.017 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

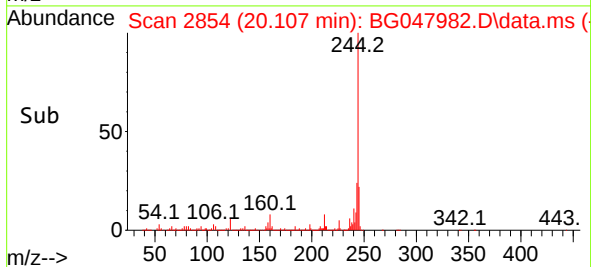
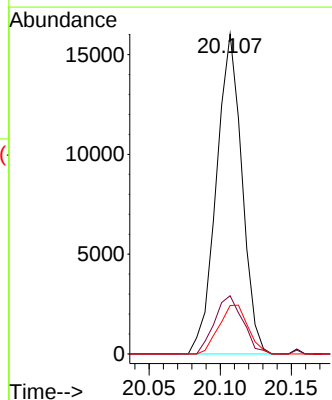
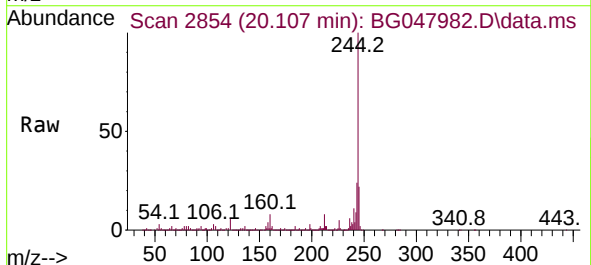
Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044

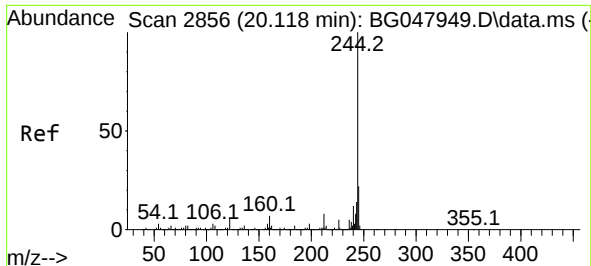
Tgt Ion:240 Resp: 380934
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 26.3 20.5 30.7



#77
Benzidine
Concen: 2.06 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.377 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Tgt Ion:184 Resp: 20047
Ion Ratio Lower Upper
184 100
185 18.2 12.4 18.6
183 15.2 10.6 15.8

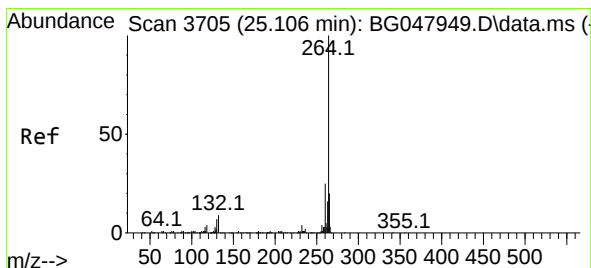
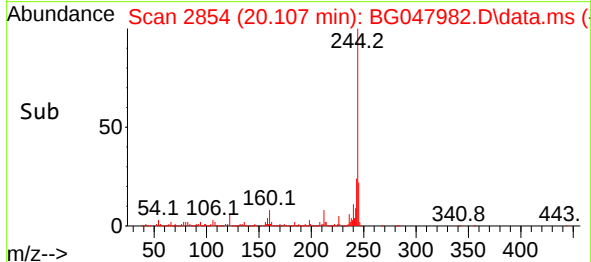
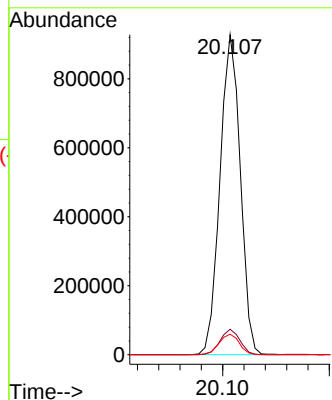
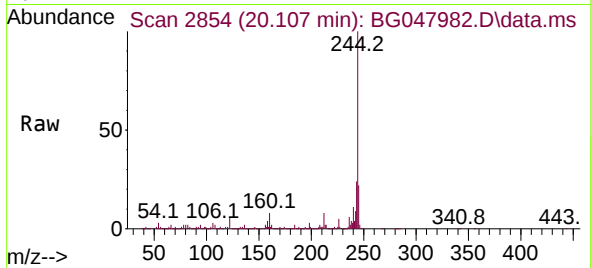




#79
Terphenyl-d14
Concen: 59.44 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.011 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Instrument :
BNA_G
ClientSampleId :
0023-SITE-WATER-044

Tgt Ion:244 Resp: 1224679
Ion Ratio Lower Upper
244 100
212 8.0 6.7 10.1
122 6.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.089 min Scan# 3702
Delta R.T. -0.017 min
Lab File: BG047982.D
Acq: 22 Jan 2021 17:39

Tgt Ion:264 Resp: 384973
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.4 17.8 26.8

