

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048045.D
 Acq On : 28 Jan 2021 2:21
 Operator : CG/JU
 Sample : M1242-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0026-SITE-WATER-048-03-04

Quant Time: Jan 28 03:58:20 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)

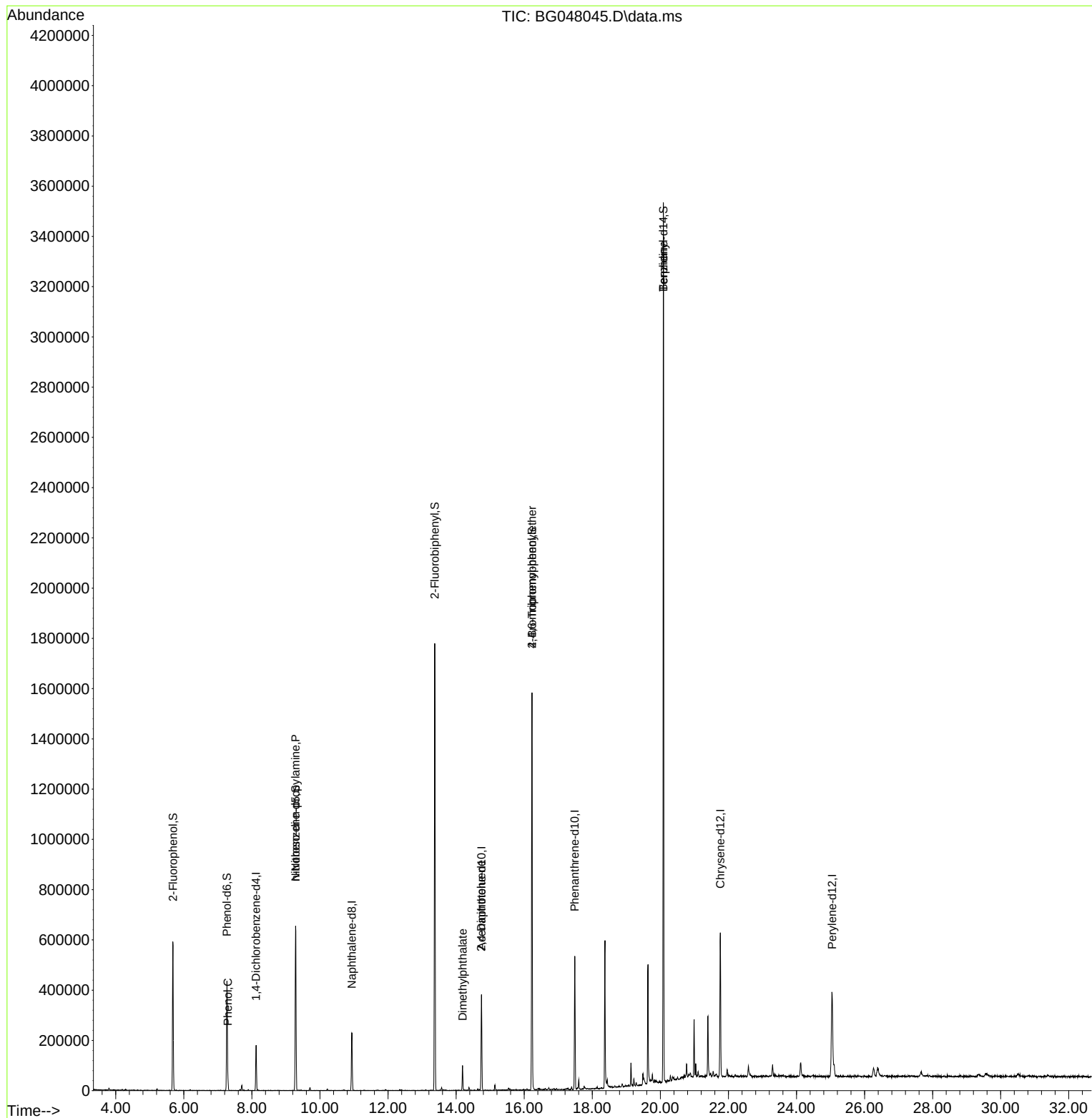
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.121	152	50082	20.00	ng	-0.01
21) Naphthalene-d8	10.935	136	190727	20.00	ng	-0.01
39) Acenaphthene-d10	14.748	164	135472	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	333882	20.00	ng	-0.01
76) Chrysene-d12	21.763	240	365138	20.00	ng	#-0.01
86) Perylene-d12	25.048	264	363466	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	241996	74.26	ng	0.00
7) Phenol-d6	7.269	99	233413	47.11	ng	-0.01
23) Nitrobenzene-d5	9.284	82	406253	84.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.229	330	306351	135.77	ng	-0.01
45) 2-Fluorobiphenyl	13.373	172	909680	86.82	ng	-0.01
79) Terphenyl-d14	20.089	244	1514066	71.89	ng	0.00
Target Compounds						
10) Phenol	7.292	94	19138	4.03	ng	Qvalue 69
19) n-Nitroso-di-n-propyla...	9.284	70	58808	16.26	ng	# 73
50) Dimethylphthalate	14.190	163	59402	4.84	ng	# 95
57) 2,4-Dinitrotoluene	14.742	165	17894	4.86	ng	# 31
67) 4-Bromophenyl-phenylether	16.229	248	20605	4.62	ng	# 1
77) Benzidine	20.089	184	25782	2.45	ng	97

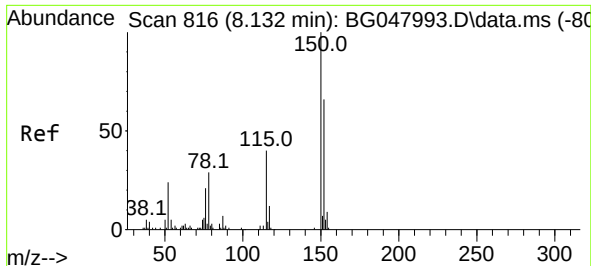
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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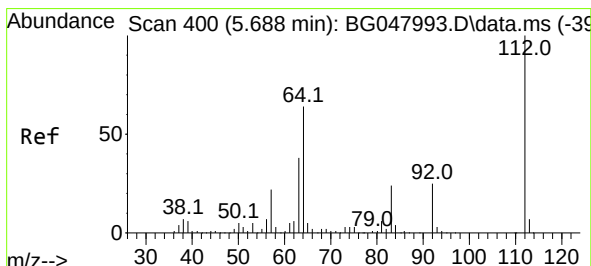
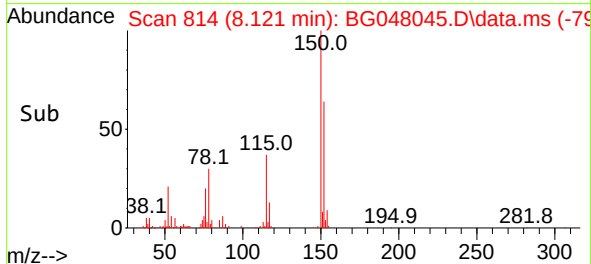
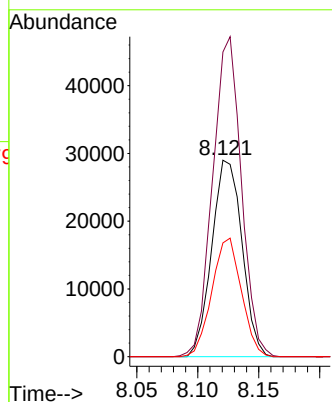
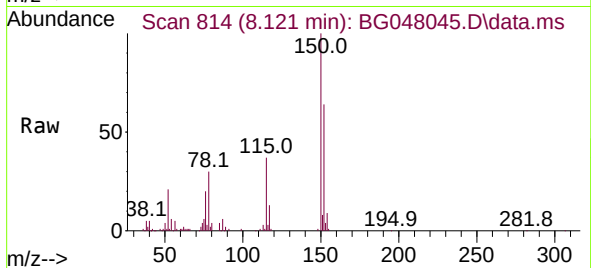




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.121 min Scan# 814
Delta R.T. -0.011 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

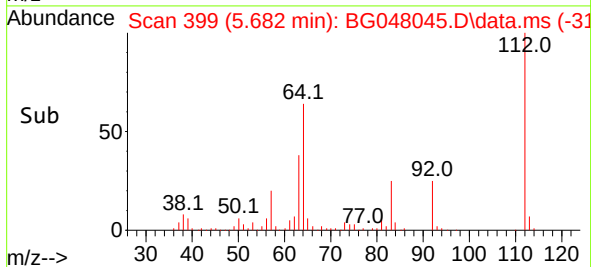
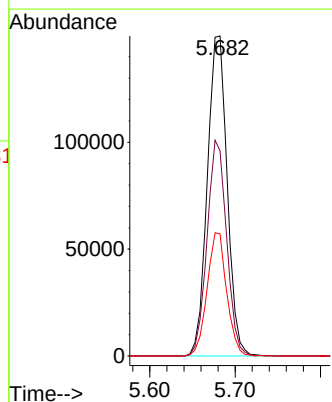
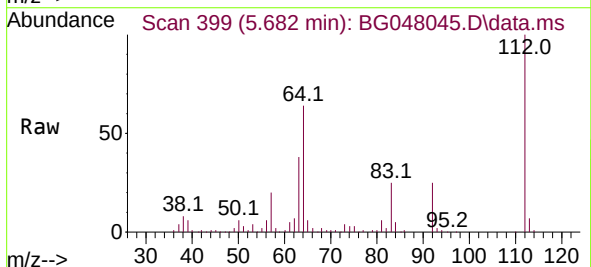
Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

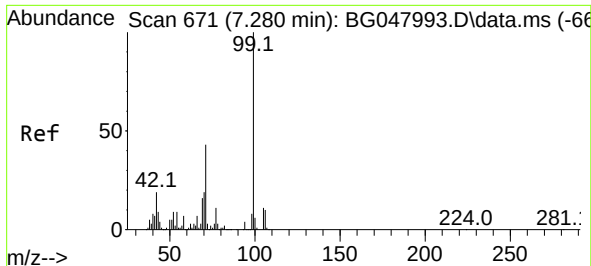
Tgt Ion:152 Resp: 50082
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.6
115 57.9 41.8 62.6



#5
2-Fluorophenol
Concen: 74.26 ng
RT: 5.682 min Scan# 399
Delta R.T. -0.006 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Tgt Ion:112 Resp: 241996
Ion Ratio Lower Upper
112 100
64 64.2 46.7 70.1
63 38.1 22.8 34.2#

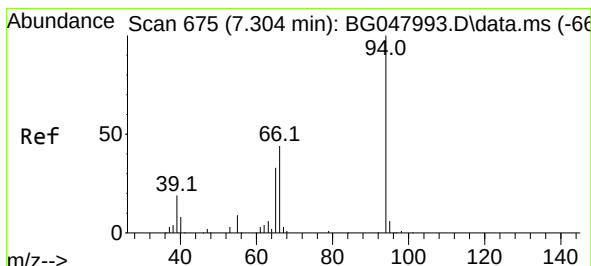
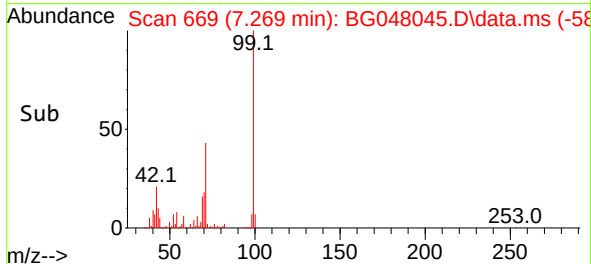
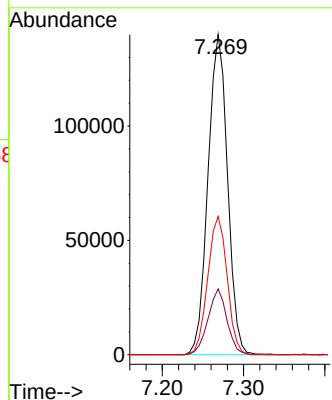
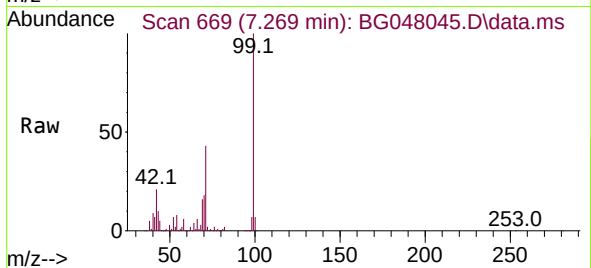




#7
Phenol-d6
Concen: 47.11 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

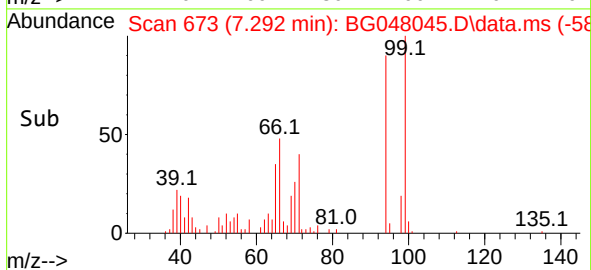
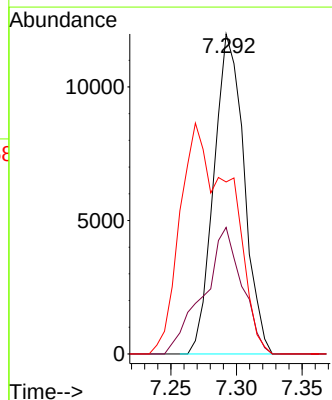
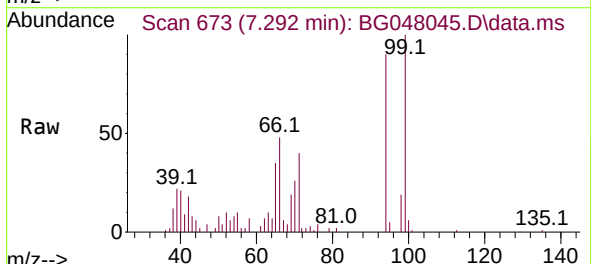
Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

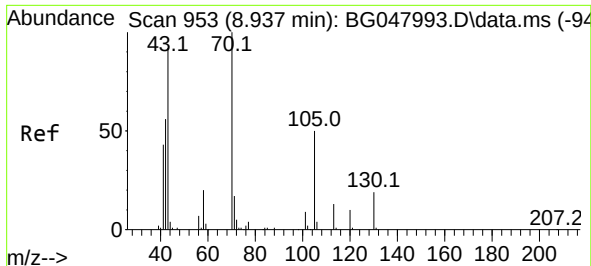
Tgt Ion: 99 Resp: 233413
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 43.2 24.6 36.8#



#10
Phenol
Concen: 4.03 ng
RT: 7.292 min Scan# 673
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

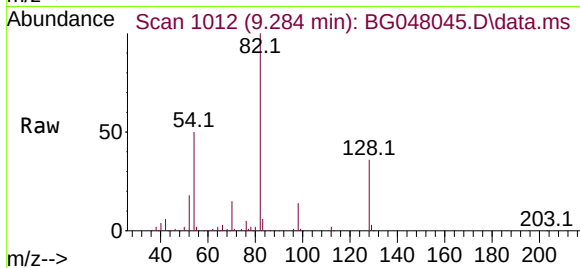
Tgt Ion: 94 Resp: 19138
Ion Ratio Lower Upper
94 100
65 39.6 6.6 46.6
66 53.7 13.9 53.9



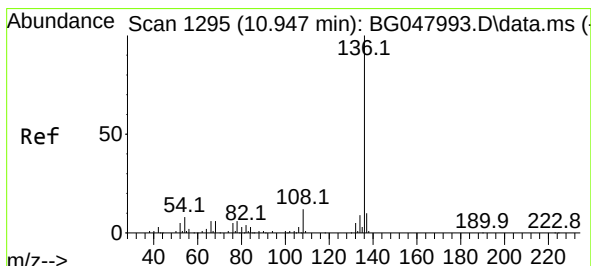
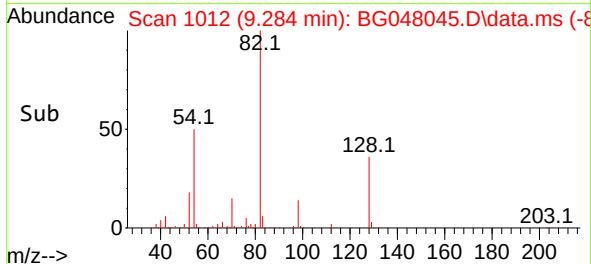
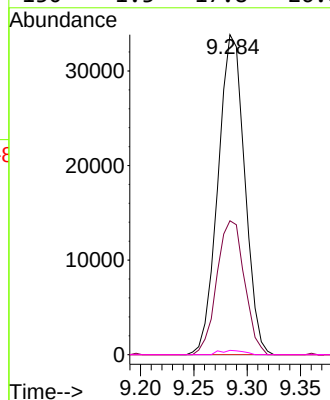


#19
n-Nitroso-di-n-propylamine
Concen: 16.26 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.347 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

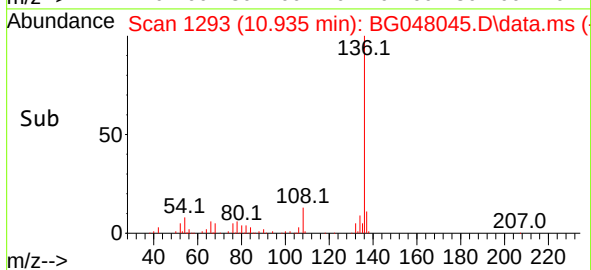
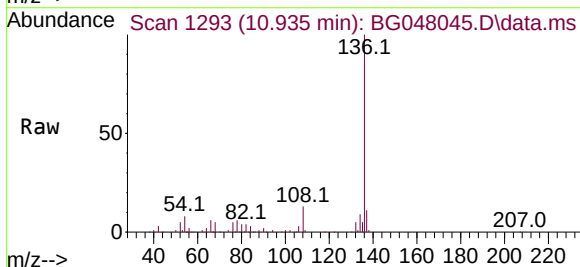
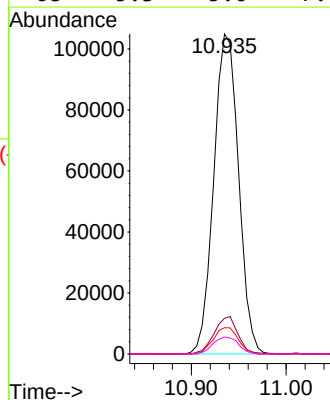


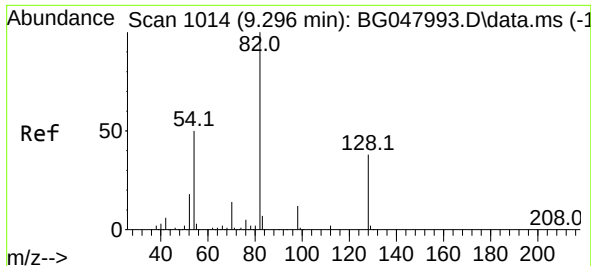
Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.9	45.6	68.4#
101	0.0	8.4	12.6#
130	1.3	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.2	6.2	9.4
68	5.3	5.0	7.4

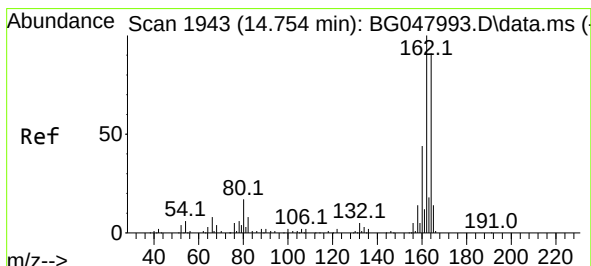
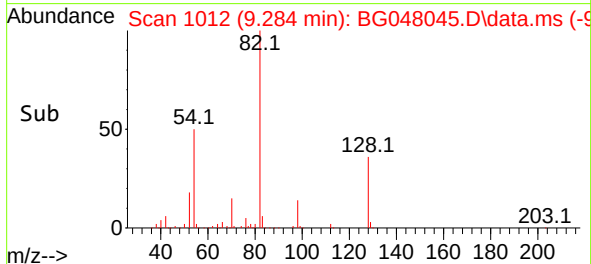
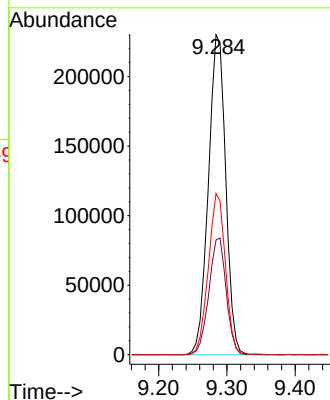
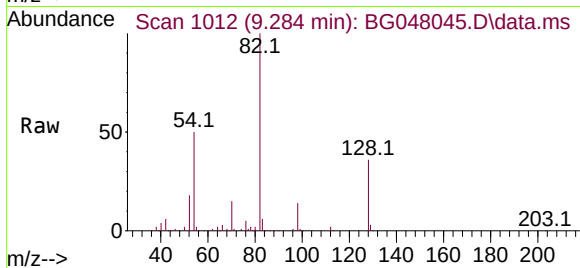




#23
Nitrobenzene-d5
Concen: 84.28 ng
RT: 9.284 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

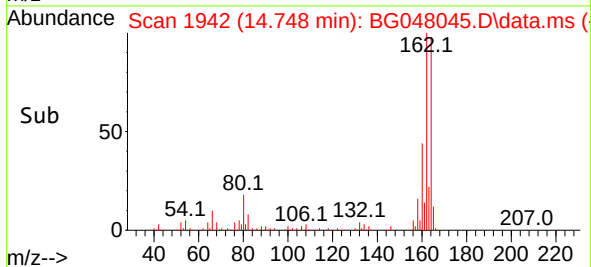
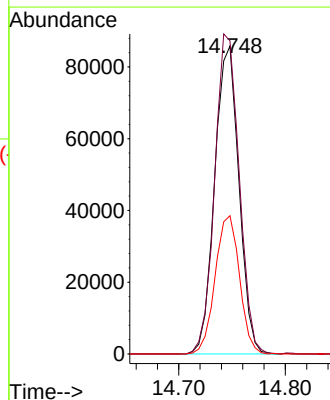
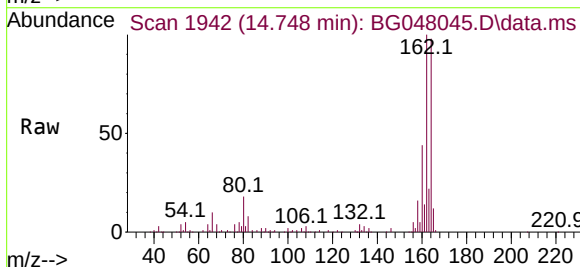
Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

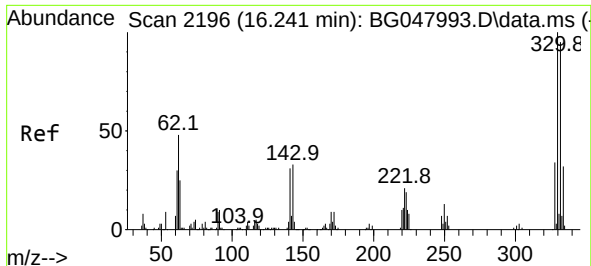
Tgt Ion: 82 Resp: 406253
Ion Ratio Lower Upper
82 100
128 35.8 37.0 55.6#
54 50.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Tgt Ion: 164 Resp: 135472
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 44.9 35.3 52.9

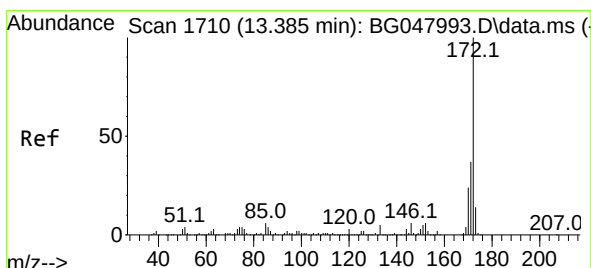
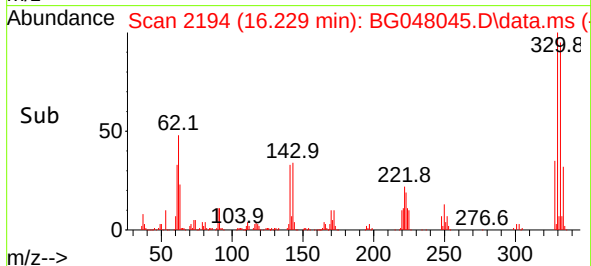
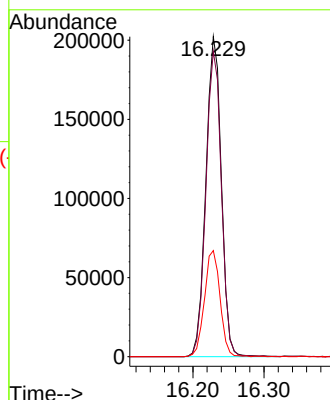
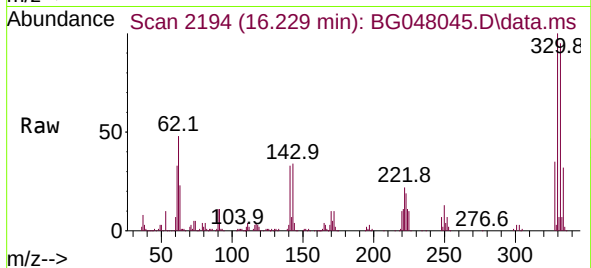




#42
2,4,6-Tribromophenol
Concen: 135.77 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

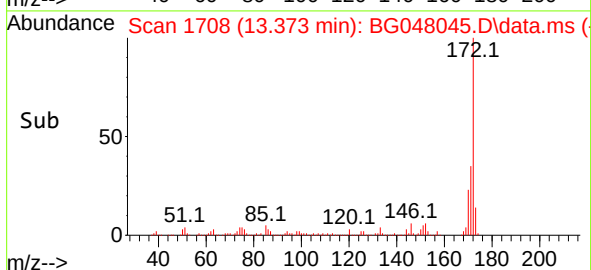
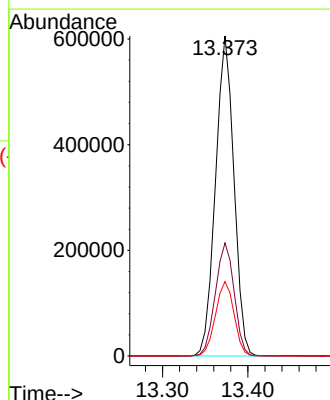
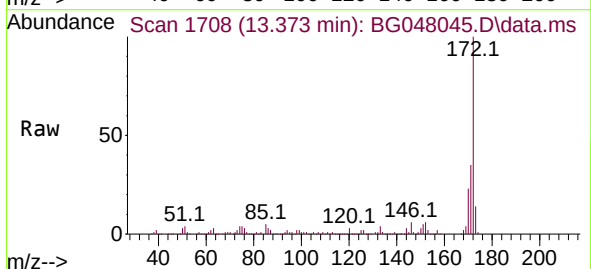
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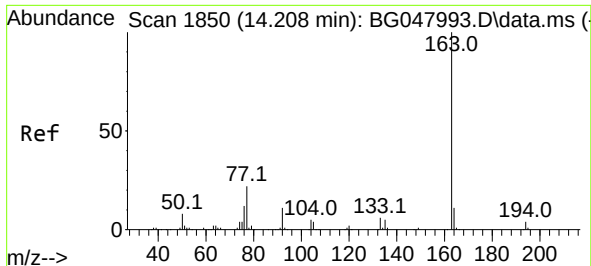
Tgt Ion:330 Resp: 306351
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 33.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 86.82 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

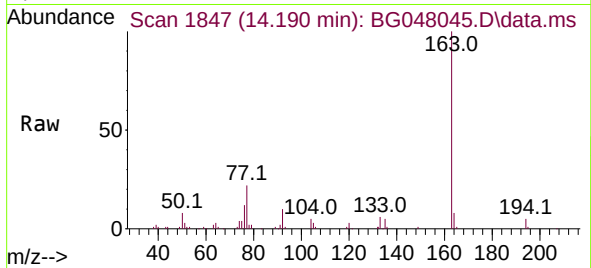
Tgt Ion:172 Resp: 909680
Ion Ratio Lower Upper
172 100
171 35.3 31.3 46.9
170 23.2 20.8 31.2



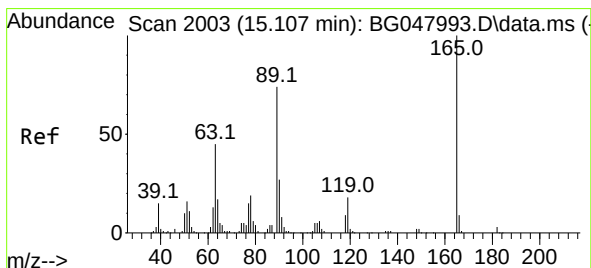
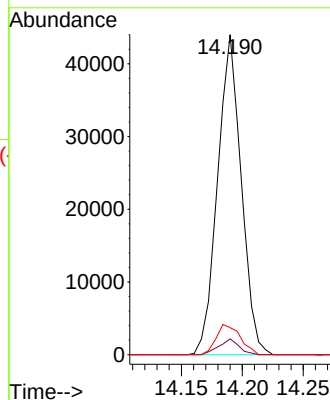
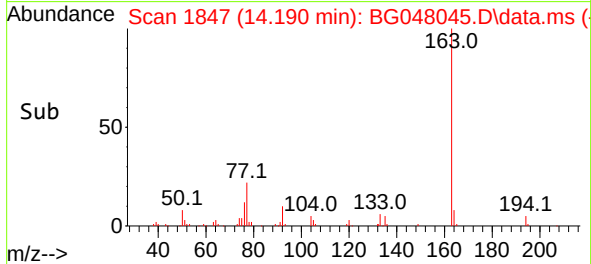


#50
Dimethylphthalate
Concen: 4.84 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

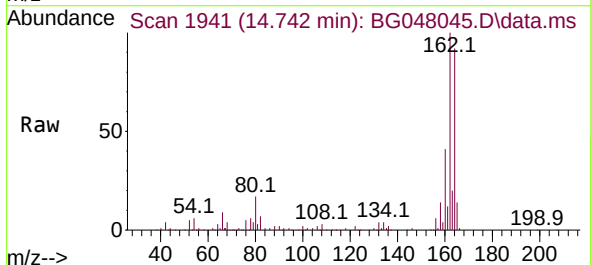
Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04



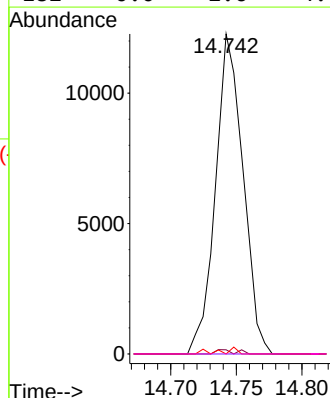
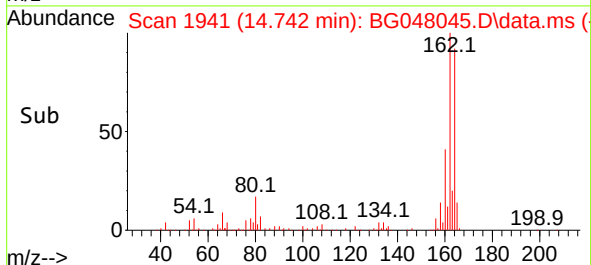
Tgt Ion:163 Resp: 59402
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 8.4 8.8 13.2#

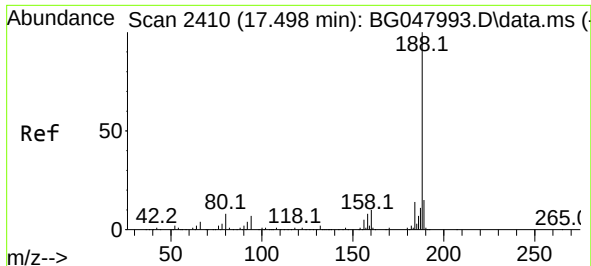


#57
2,4-Dinitrotoluene
Concen: 4.86 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.364 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21



Tgt Ion:165 Resp: 17894
Ion Ratio Lower Upper
165 100
63 1.3 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

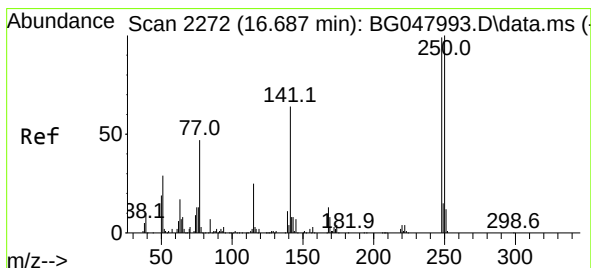
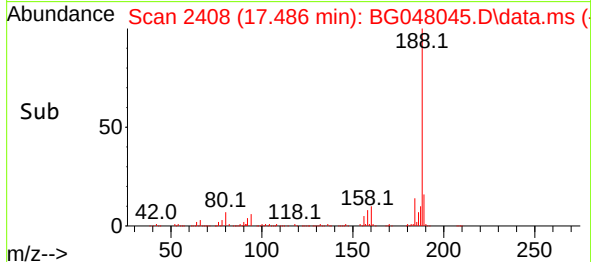
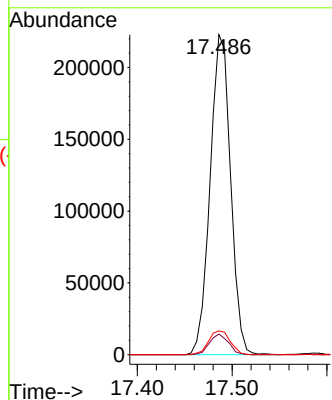
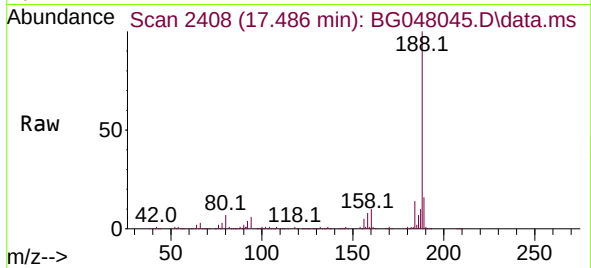




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

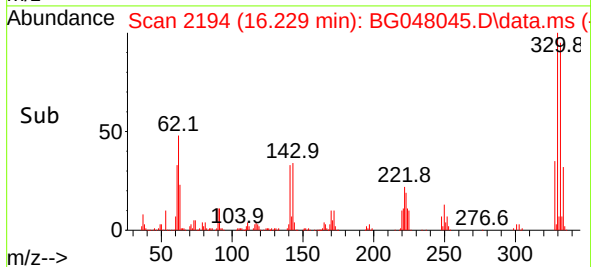
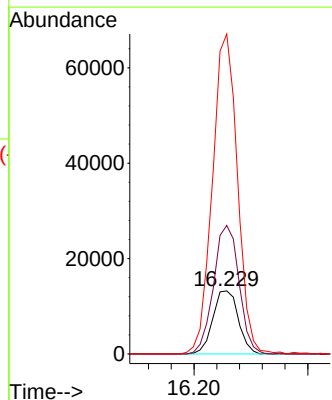
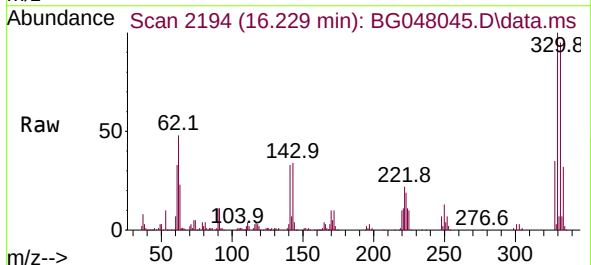
Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

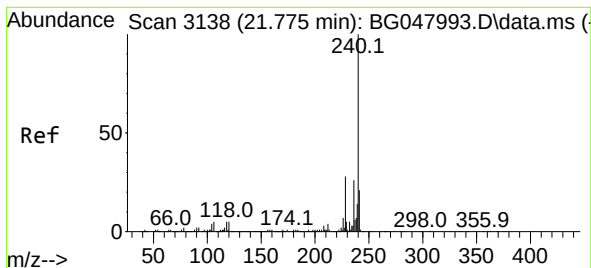
Tgt Ion:188 Resp: 333882
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.458 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Tgt Ion:248 Resp: 20605
Ion Ratio Lower Upper
248 100
250 203.7 78.9 118.3#
141 507.3 46.2 69.4#

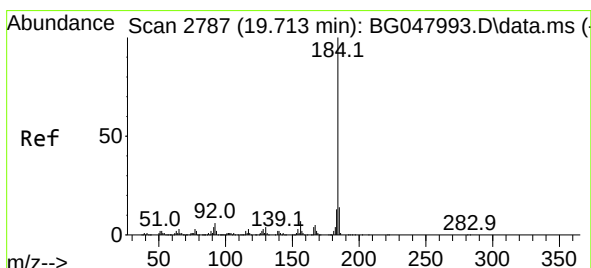
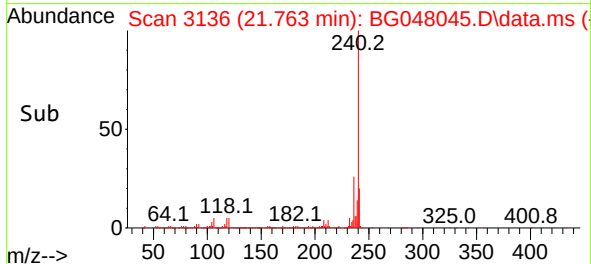
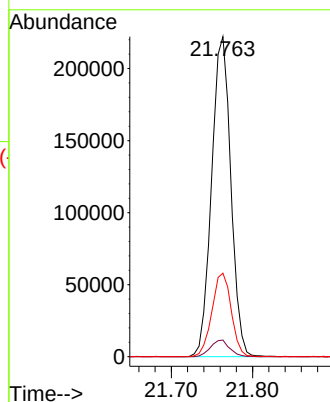
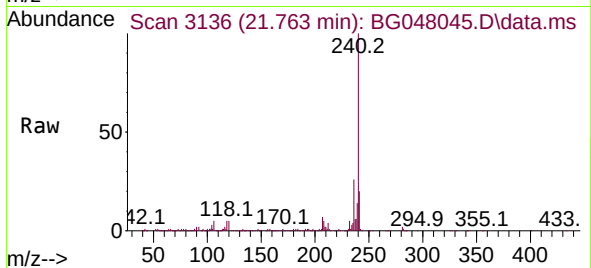




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

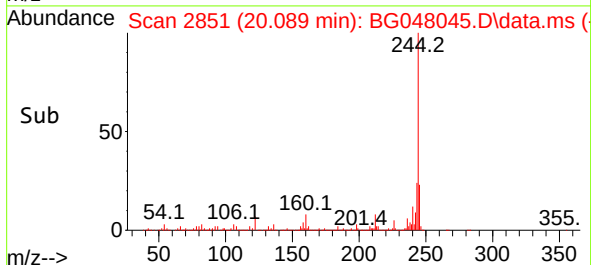
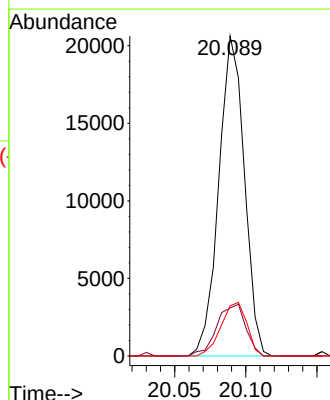
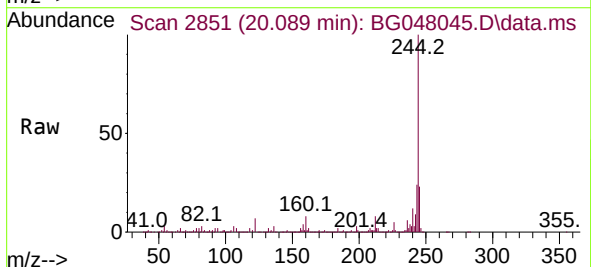
Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

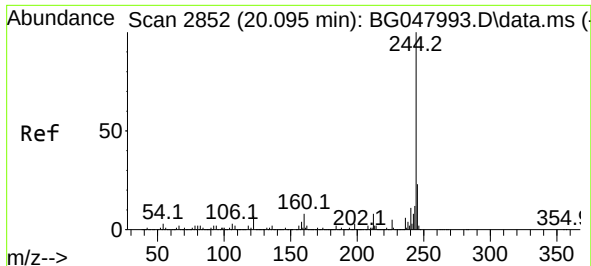
Tgt Ion:240 Resp: 365138
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 26.1 20.5 30.7



#77
Benzidine
Concen: 2.45 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.376 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Tgt Ion:184 Resp: 25782
Ion Ratio Lower Upper
184 100
185 15.0 12.4 18.6
183 15.6 10.6 15.8

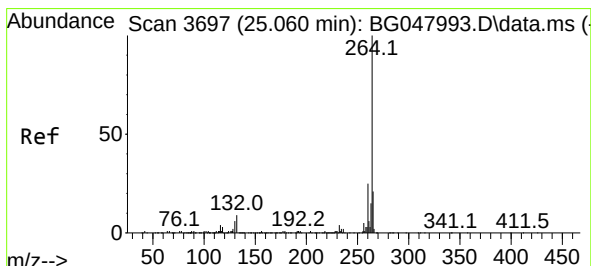
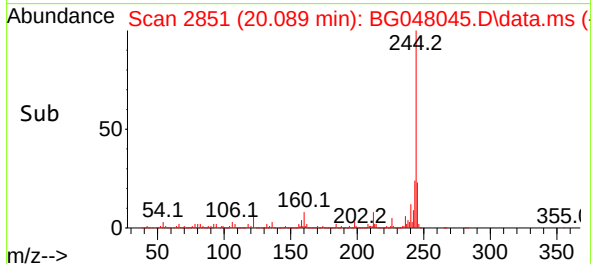
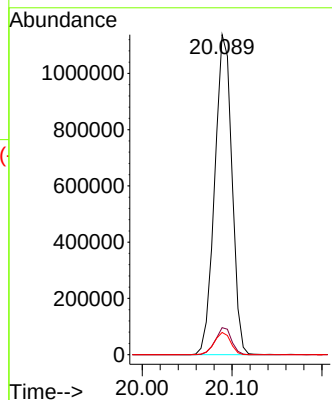
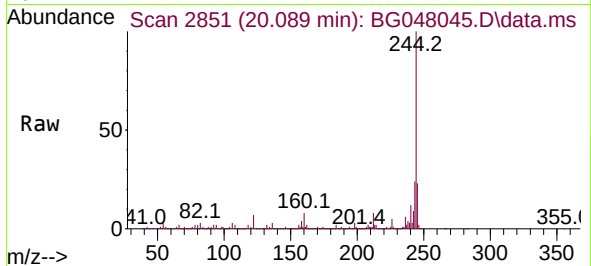




#79
Terphenyl-d14
Concen: 71.89 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

Tgt Ion:244 Resp: 1514066
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.0 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.048 min Scan# 3695
Delta R.T. -0.012 min
Lab File: BG048045.D
Acq: 28 Jan 2021 2:21

Tgt Ion:264 Resp: 363466
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.7 17.8 26.8

