

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047983.D
 Acq On : 22 Jan 2021 18:19
 Operator : CG/JU
 Sample : M1191-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0024-SITE-WATER-045

Quant Time: Jan 22 22:26:00 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)

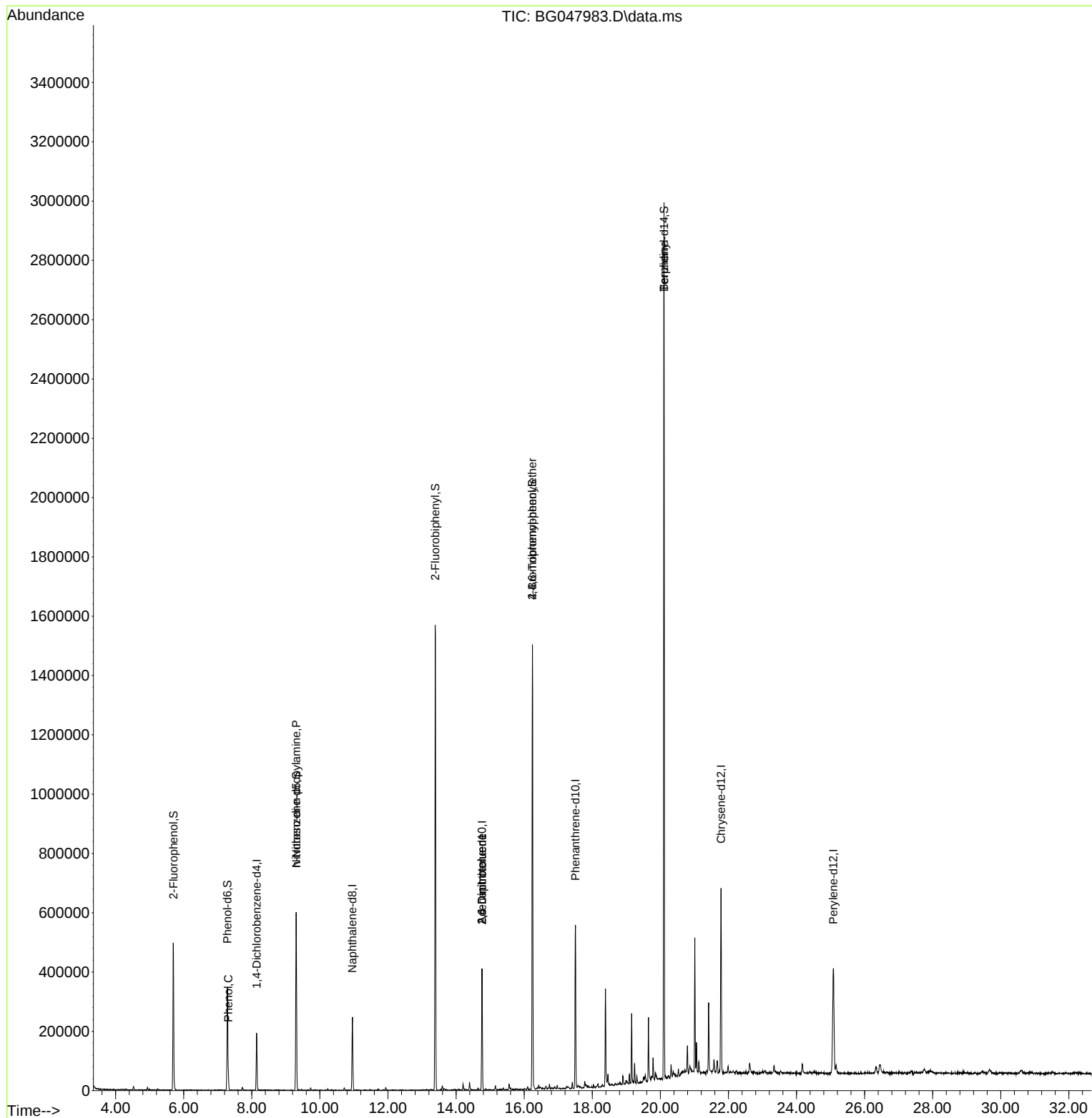
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	50649	20.00	ng	0.00
21) Naphthalene-d8	10.956	136	195961	20.00	ng	0.00
39) Acenaphthene-d10	14.763	164	142439	20.00	ng	0.00
64) Phenanthrene-d10	17.507	188	359017	20.00	ng	# 0.00
76) Chrysene-d12	21.784	240	400849	20.00	ng	#-0.01
86) Perylene-d12	25.080	264	404025	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	199624	64.28	ng	0.00
7) Phenol-d6	7.284	99	178775	38.13	ng	0.00
23) Nitrobenzene-d5	9.305	82	358402	80.42	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	295584	129.67	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	810860	76.02	ng	0.00
79) Terphenyl-d14	20.110	244	1328771	61.29	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	200	Below Cal	#	20
9) Benzaldehyde	7.290	77	489	Below Cal	#	1
10) Phenol	7.307	94	22533	5.08	ng	# 63
19) n-Nitroso-di-n-propyla...	9.305	70	51388	15.49	ng	# 78
32) Benzoic acid	10.139	122	70	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.763	165	18976	7.96	ng	# 33
57) 2,4-Dinitrotoluene	14.763	165	18976	5.67	ng	# 32
67) 4-Bromophenyl-phenylether	16.244	248	20903	4.39	ng	# 1
77) Benzidine	20.110	184	21641	2.11	ng	# 91

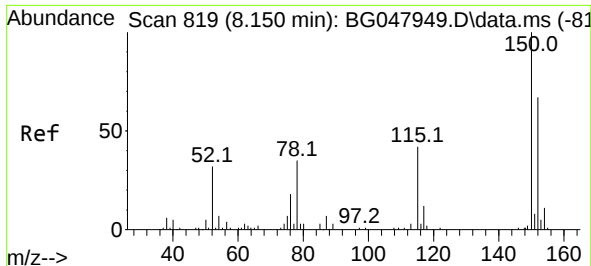
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
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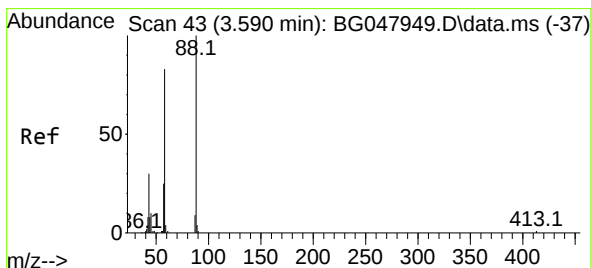
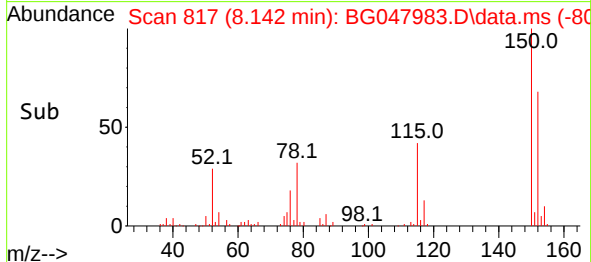
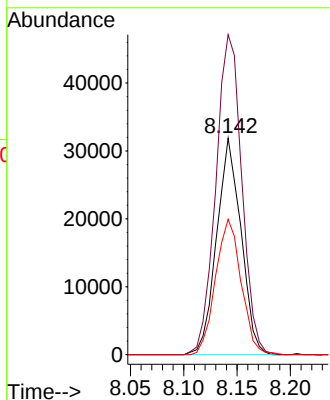
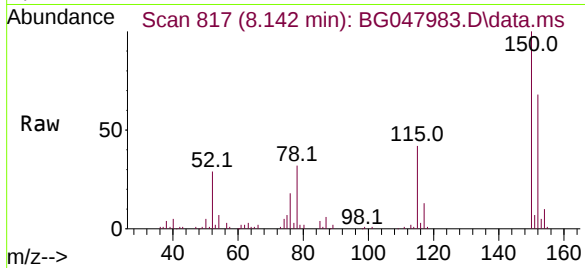




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.142 min Scan# 817
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

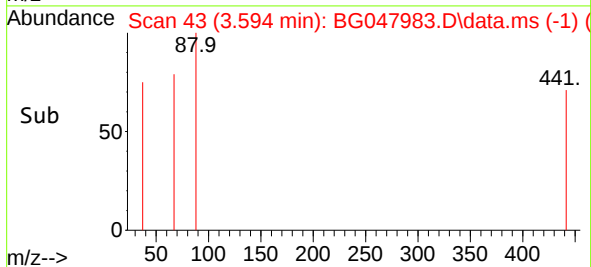
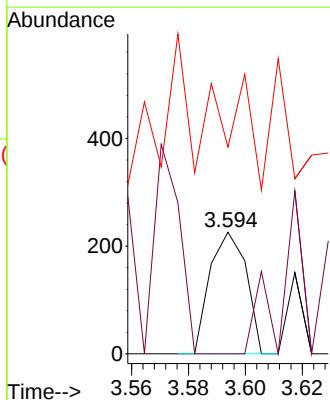
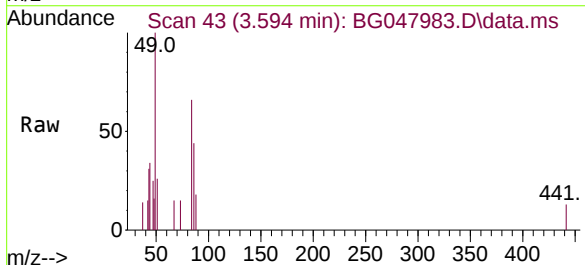
Instrument :
BNA_G
ClientSampleId :
0024-SITE-WATER-045

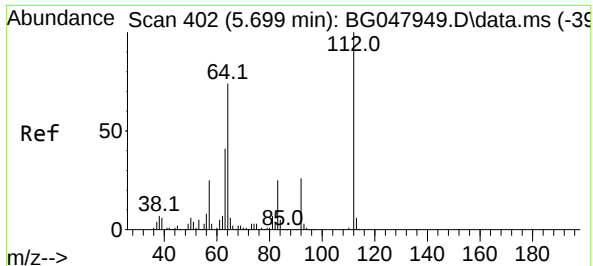
Tgt Ion:152 Resp: 50649
Ion Ratio Lower Upper
152 100
150 147.8 125.0 187.6
115 62.5 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.594 min Scan# 43
Delta R.T. 0.004 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

Tgt Ion: 88 Resp: 200
Ion Ratio Lower Upper
88 100
58 0.0 61.6 92.4#
43 0.0 21.3 31.9#

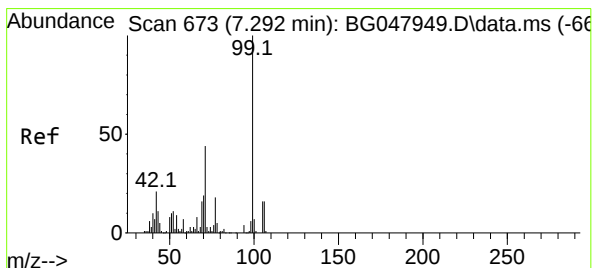
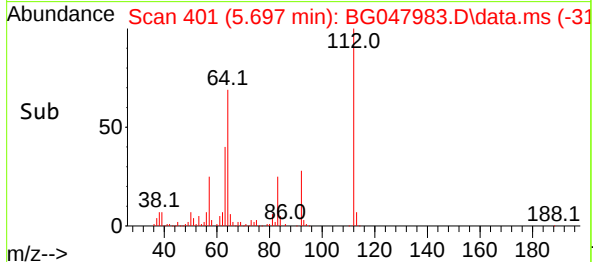
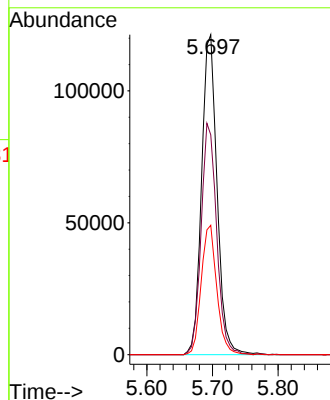
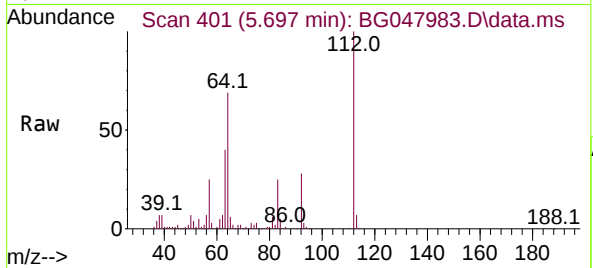




#5
2-Fluorophenol
Concen: 64.28 ng
RT: 5.697 min Scan# 401
Delta R.T. -0.002 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

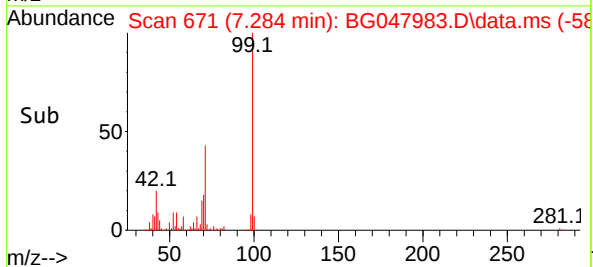
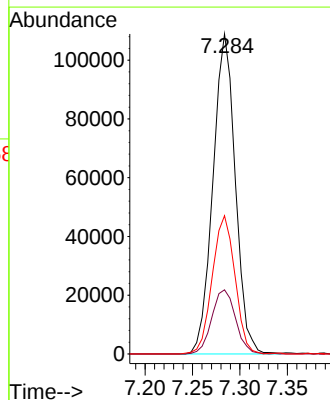
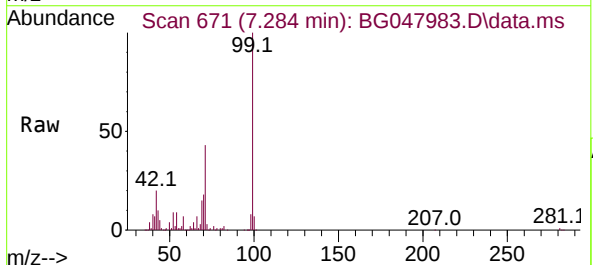
Instrument :
BNA_G
ClientSampleId :
0024-SITE-WATER-045

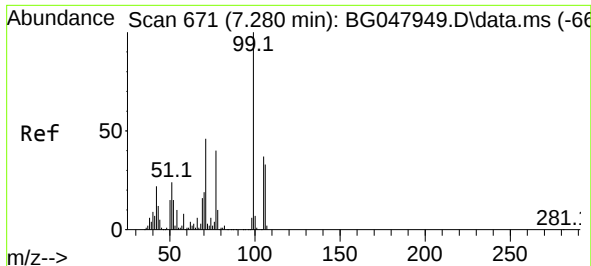
Tgt Ion:112 Resp: 199624
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 40.5 22.8 34.2#



#7
Phenol-d6
Concen: 38.13 ng
RT: 7.284 min Scan# 671
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

Tgt Ion: 99 Resp: 178775
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 43.2 24.6 36.8#

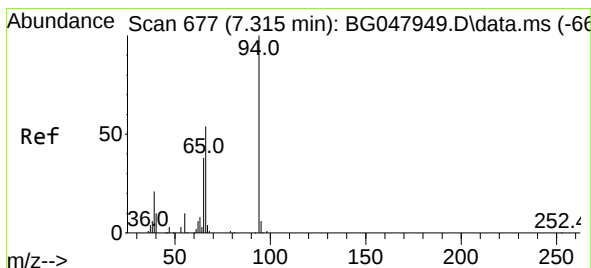
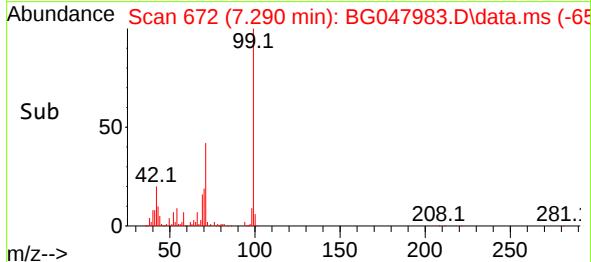
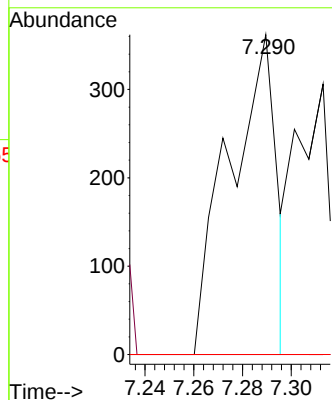
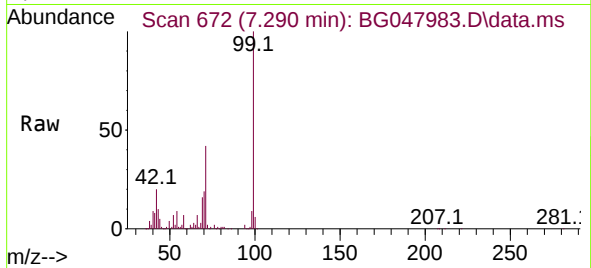




#9
Benzaldehyde
Concen: Below Cal
RT: 7.290 min Scan# 672
Delta R.T. 0.010 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

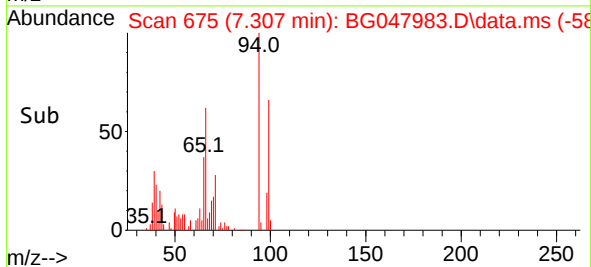
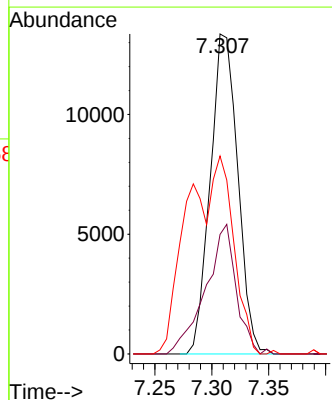
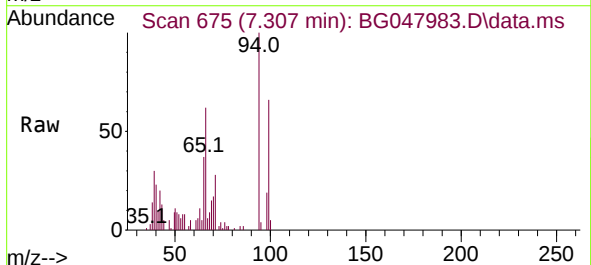
Instrument :
BNA_G
ClientSampleId :
0024-SITE-WATER-045

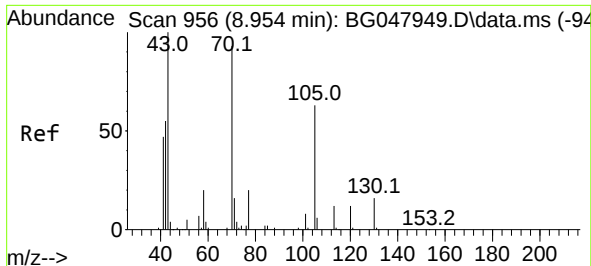
Tgt Ion: 77 Resp: 489
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 5.08 ng
RT: 7.307 min Scan# 675
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

Tgt Ion: 94 Resp: 22533
Ion Ratio Lower Upper
94 100
65 37.4 6.6 46.6
66 61.8 13.9 53.9#

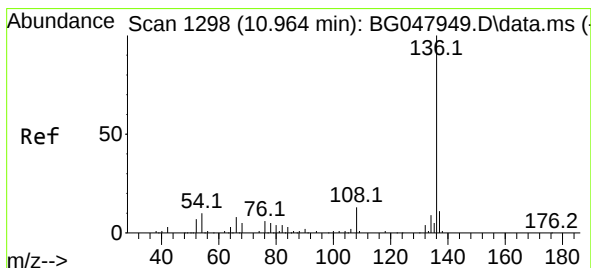
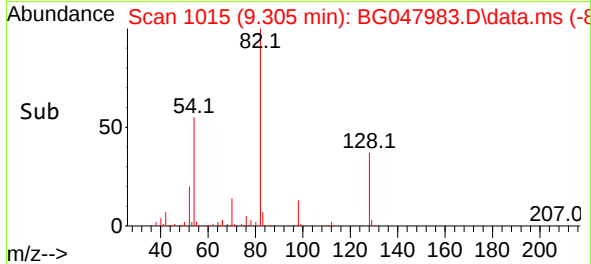
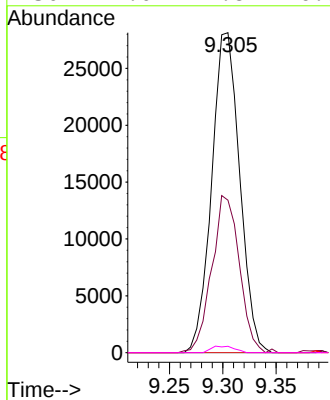
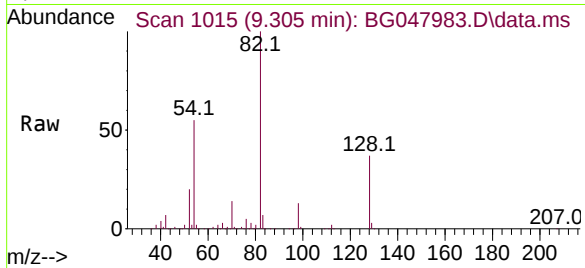




#19
n-Nitroso-di-n-propylamine
Concen: 15.49 ng
RT: 9.305 min Scan# 1015
Delta R.T. 0.350 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

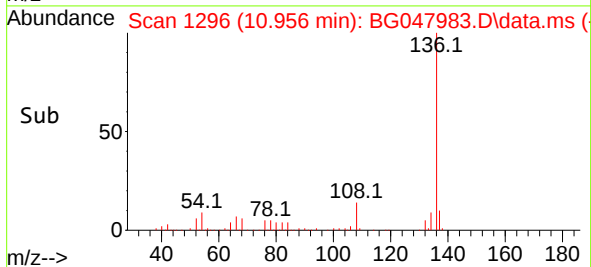
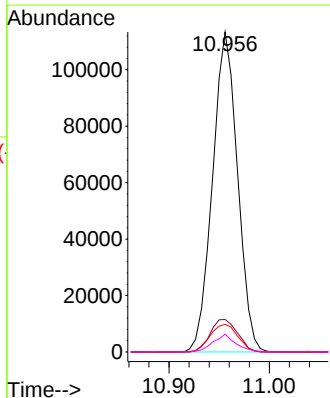
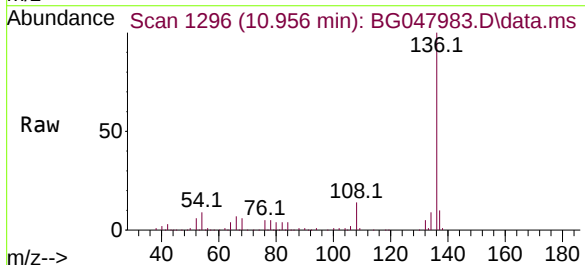
Instrument :
BNA_G
ClientSampleId :
0024-SITE-WATER-045

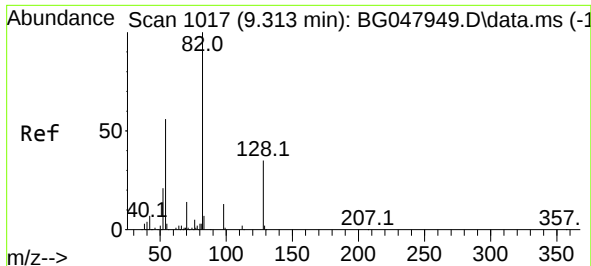
Tgt Ion:	70	Resp:	51388
Ion	Ratio	Lower	Upper
70	100		
42	47.7	45.6	68.4
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.956 min Scan# 1296
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

Tgt Ion:	136	Resp:	195961
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	8.7	6.2	9.4
68	5.6	5.0	7.4

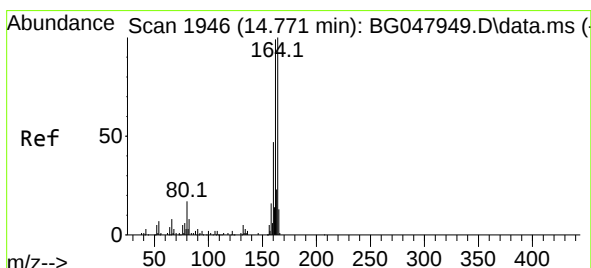
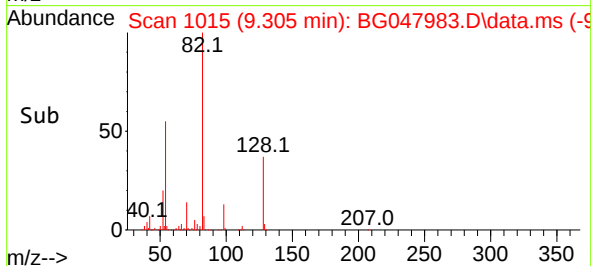
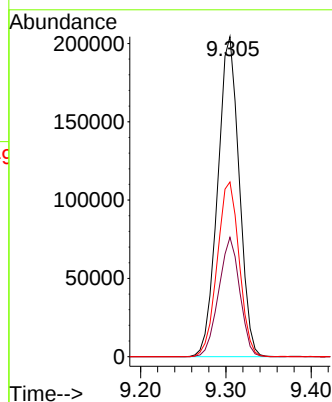
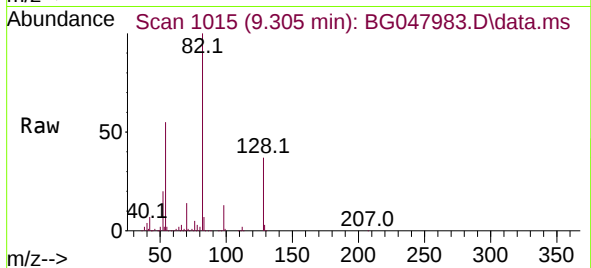




#23
Nitrobenzene-d5
Concen: 80.42 ng
RT: 9.305 min Scan# 1015
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

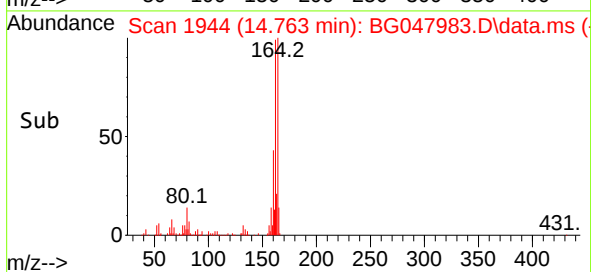
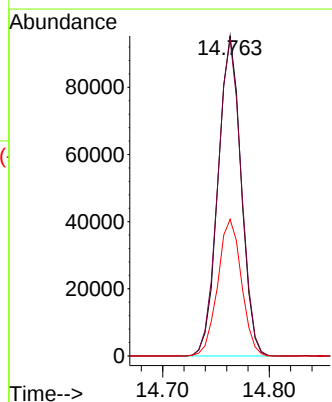
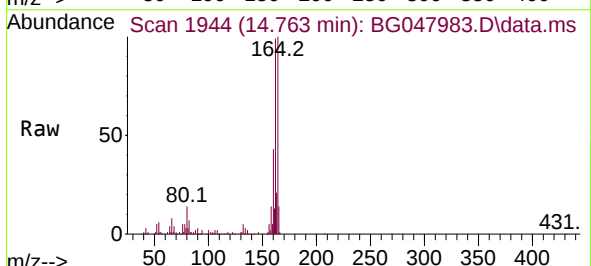
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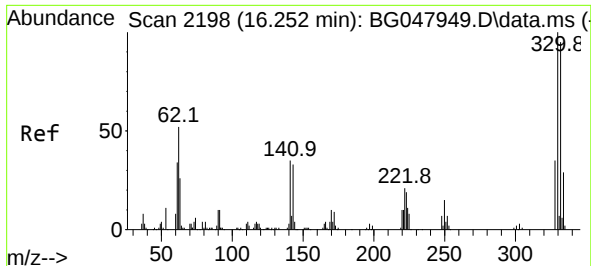
Tgt Ion: 82 Resp: 358402
Ion Ratio Lower Upper
82 100
128 37.3 37.0 55.6
54 54.6 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.763 min Scan# 1944
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

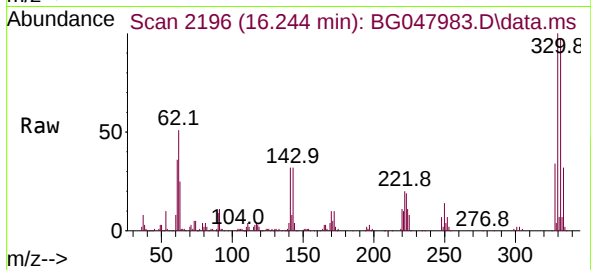
Tgt Ion:164 Resp: 142439
Ion Ratio Lower Upper
164 100
162 99.0 82.3 123.5
160 42.7 35.3 52.9



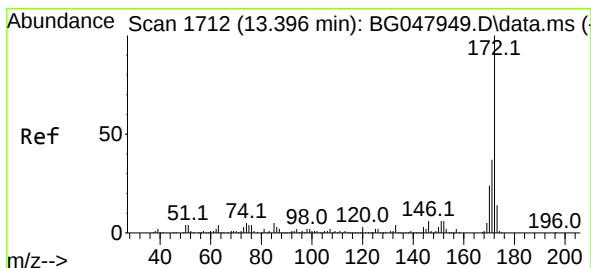
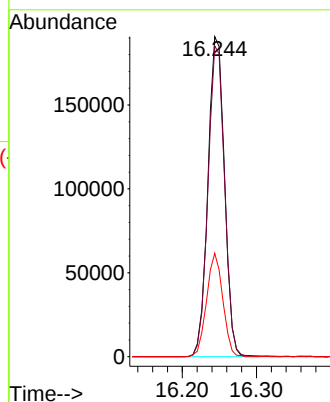
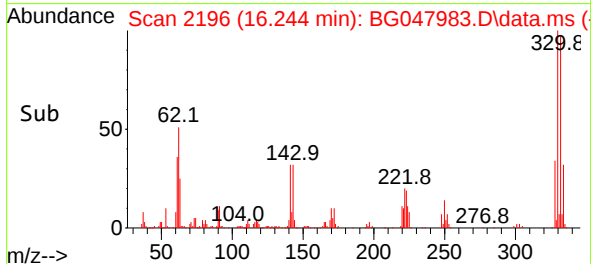


#42
2,4,6-Tribromophenol
Concen: 129.67 ng
RT: 16.244 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

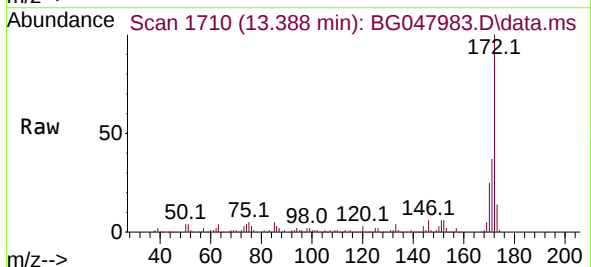
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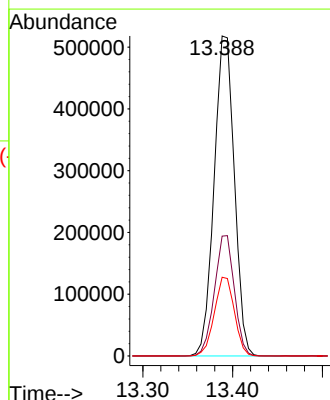
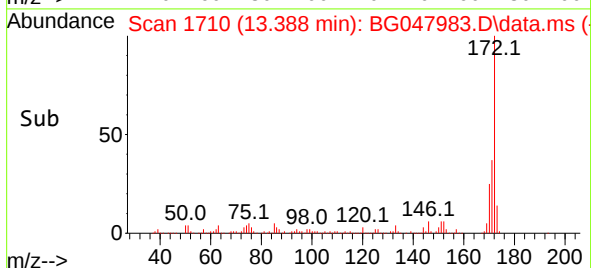
Tgt Ion:330 Resp: 295584
Ion Ratio Lower Upper
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332 97.2 76.5 114.7
141 31.6 26.0 39.0

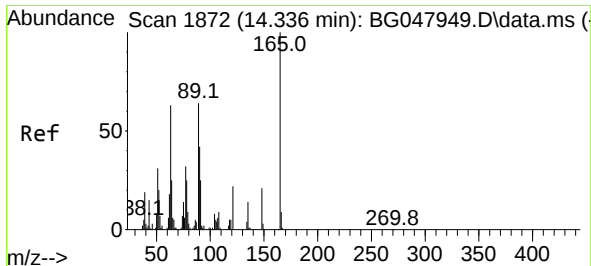


#45
2-Fluorobiphenyl
Concen: 76.02 ng
RT: 13.388 min Scan# 1710
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19



Tgt Ion:172 Resp: 810860
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.6 20.8 31.2

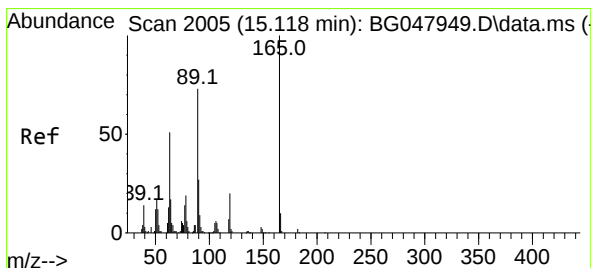
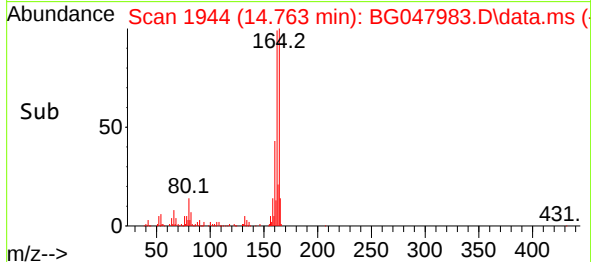
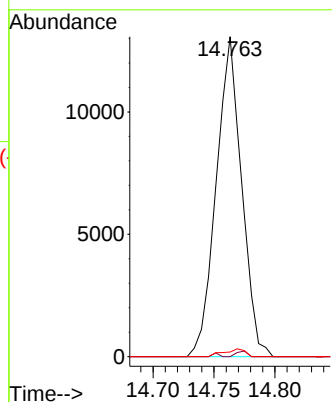
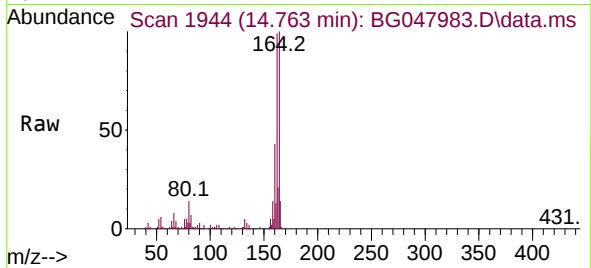




#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 14.763 min Scan# 1944
Delta R.T. 0.427 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

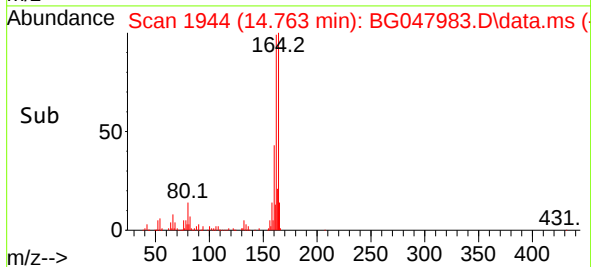
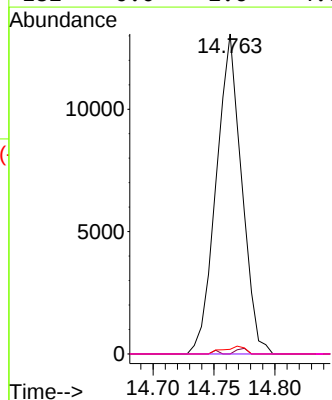
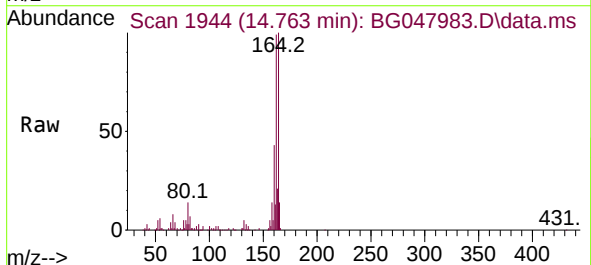
Instrument :
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ClientSampleId :
0024-SITE-WATER-045

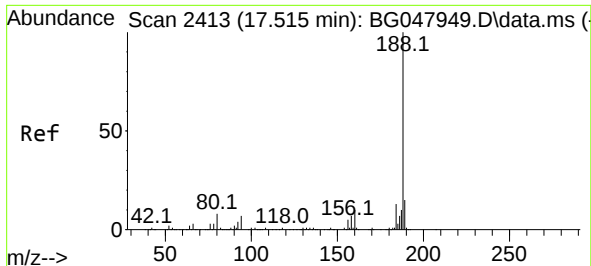
Tgt Ion:165 Resp: 18976
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.5 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 14.763 min Scan# 1944
Delta R.T. -0.355 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

Tgt Ion:165 Resp: 18976
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.5 47.8 71.8#
182 0.0 2.6 4.0#

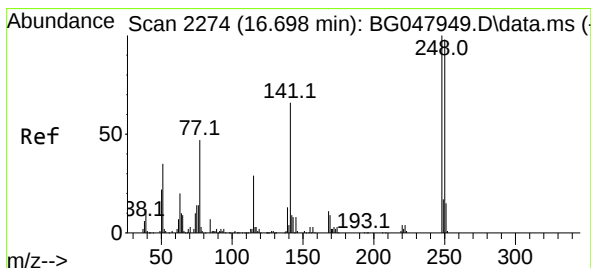
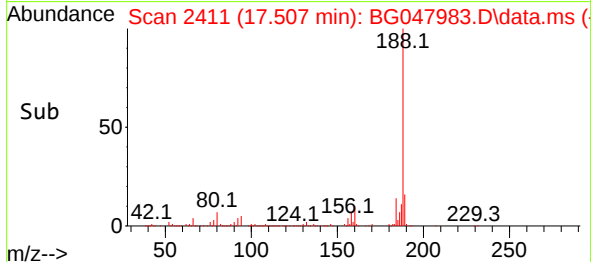
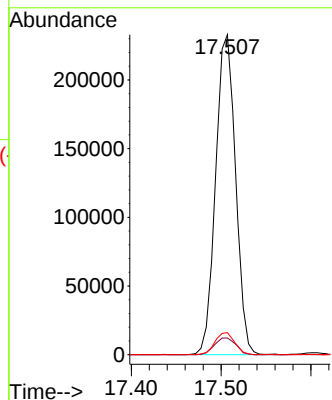
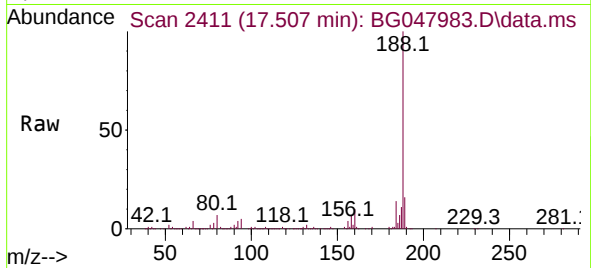




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.507 min Scan# 2411
Delta R.T. -0.008 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

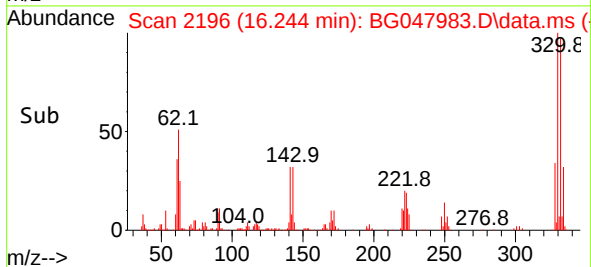
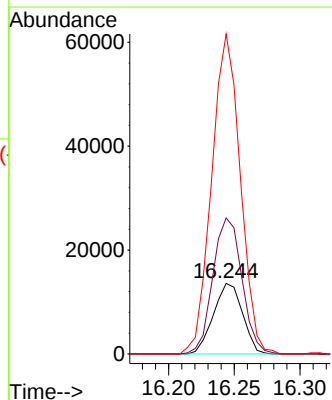
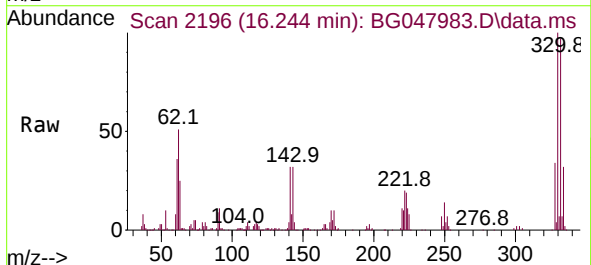
Instrument :
BNA_G
ClientSampleId :
0024-SITE-WATER-045

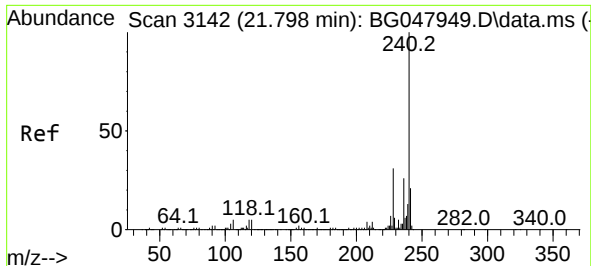
Tgt Ion:188 Resp: 359017
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 6.9 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 16.244 min Scan# 2196
Delta R.T. -0.455 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

Tgt Ion:248 Resp: 20903
Ion Ratio Lower Upper
248 100
250 192.6 78.9 118.3#
141 453.0 46.2 69.4#

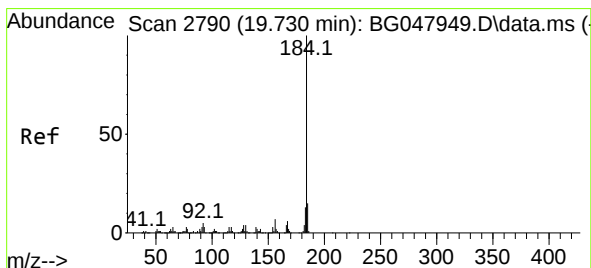
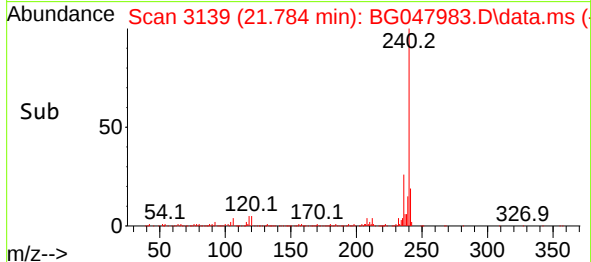
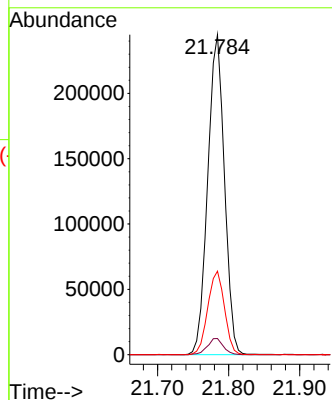
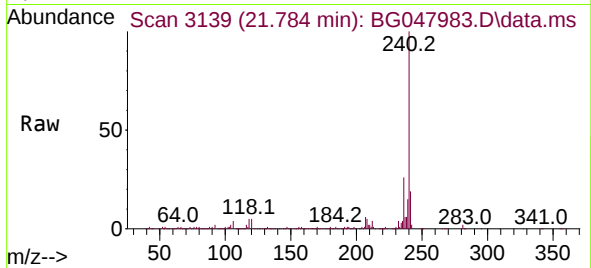




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.784 min Scan# 3139
Delta R.T. -0.014 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

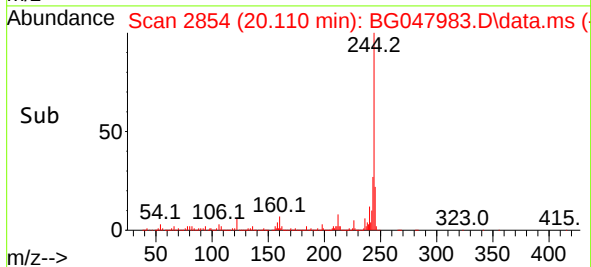
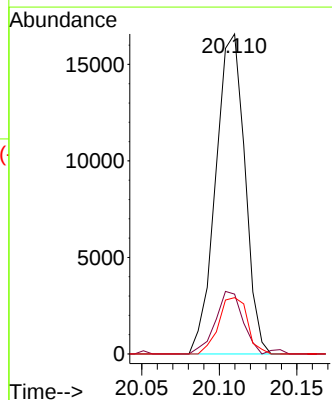
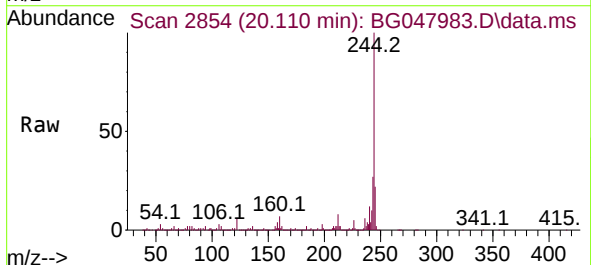
Instrument :
BNA_G
ClientSampleId :
0024-SITE-WATER-045

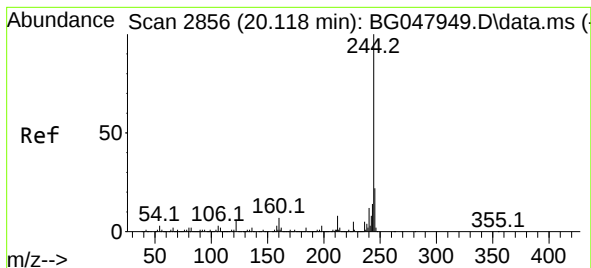
Tgt Ion:240 Resp: 400849
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 26.1 20.5 30.7



#77
Benzidine
Concen: 2.11 ng
RT: 20.110 min Scan# 2854
Delta R.T. 0.380 min
Lab File: BG047983.D
Acq: 22 Jan 2021 18:19

Tgt Ion:184 Resp: 21641
Ion Ratio Lower Upper
184 100
185 18.7 12.4 18.6#
183 17.6 10.6 15.8#





#79

Terphenyl-d14

Concen: 61.29 ng

RT: 20.110 min Scan# 2854

Delta R.T. -0.008 min

Lab File: BG047983.D

Acq: 22 Jan 2021 18:19

Tgt Ion:244 Resp: 1328771

Ion Ratio Lower Upper

244 100

212 7.7 6.7 10.1

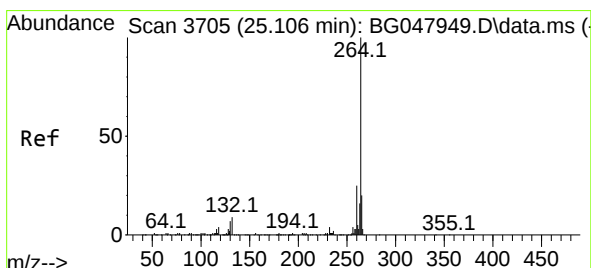
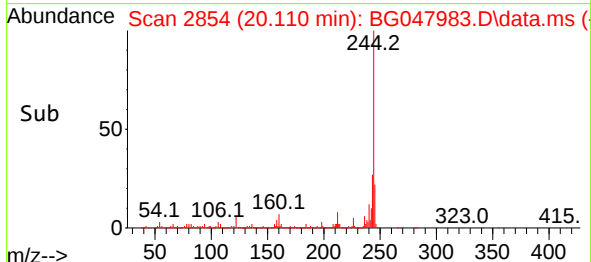
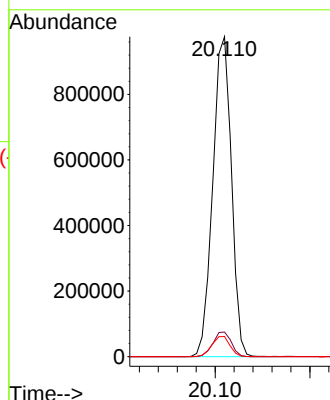
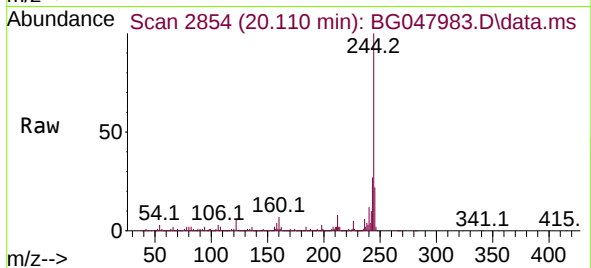
122 6.3 7.8 11.6#

Instrument :

BNA_G

ClientSampleId :

0024-SITE-WATER-045



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.080 min Scan# 3700

Delta R.T. -0.026 min

Lab File: BG047983.D

Acq: 22 Jan 2021 18:19

Tgt Ion:264 Resp: 404025

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.0 17.8 26.8

