

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055354.D
 Acq On : 28 Oct 2022 23:28
 Operator : CG/JU
 Sample : N5226-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221097-202-SITE-WATER

Quant Time: Oct 29 04:56:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

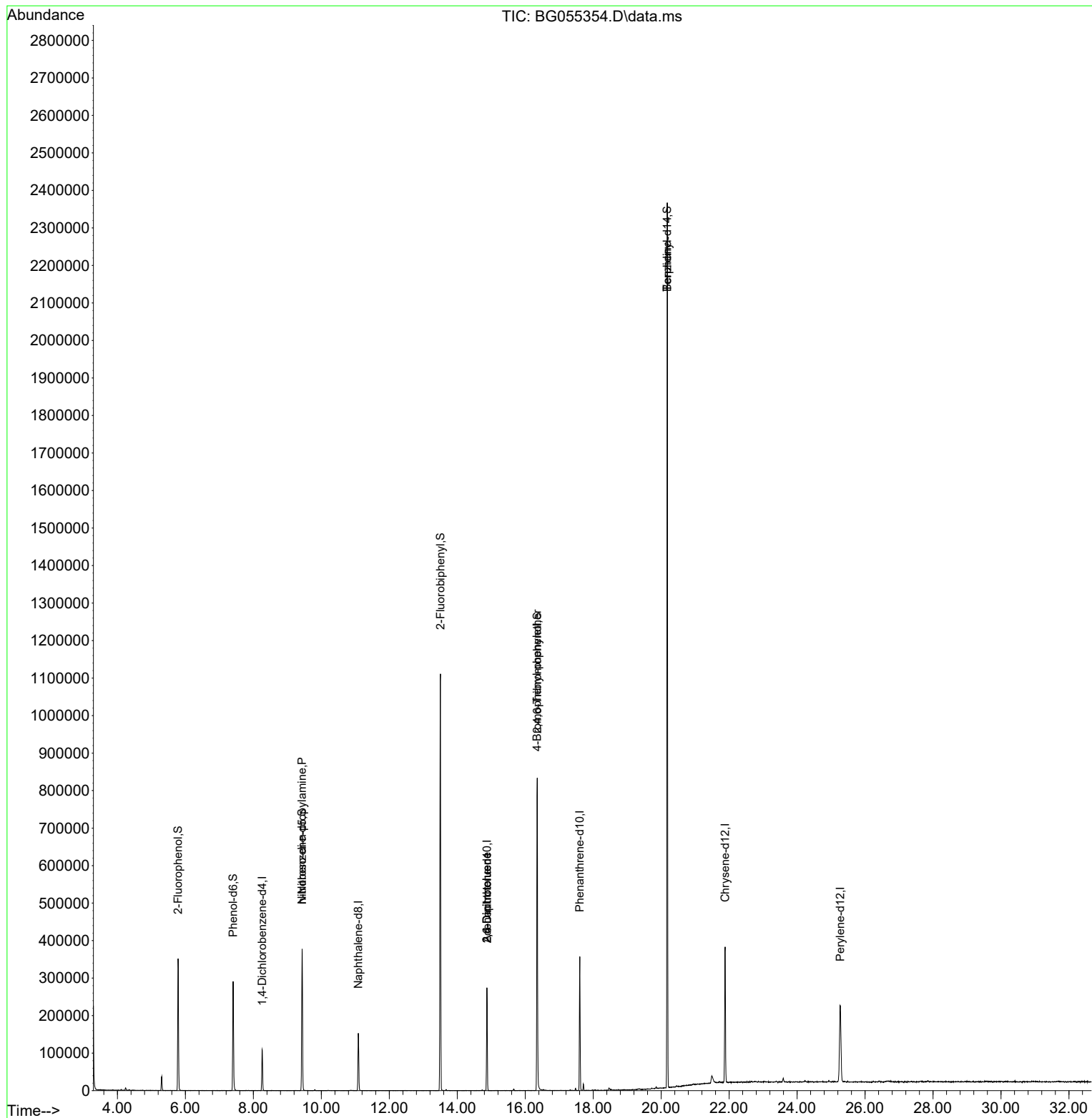
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	32583	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	137808	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	94020	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	220978	20.000	ng	0.00
76) Chrysene-d12	21.884	240	224158	20.000	ng	0.00
86) Perylene-d12	25.274	264	234007	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	162287	87.211	ng	0.00
7) Phenol-d6	7.407	99	179146	66.450	ng	0.00
23) Nitrobenzene-d5	9.434	82	242388	89.814	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	180898	176.990	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	583468	101.573	ng	0.00
79) Terphenyl-d14	20.180	244	1156512	107.195	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.434	70	32178	14.373	ng	# 77
51) 2,6-Dinitrotoluene	14.874	165	12153	8.091	ng	# 19
57) 2,4-Dinitrotoluene	14.874	165	12153	5.575	ng	# 18
67) 4-Bromophenyl-phenylether	16.349	248	11414	5.317	ng	# 1
77) Benzidine	20.180	184	17762	3.273	ng	# 90

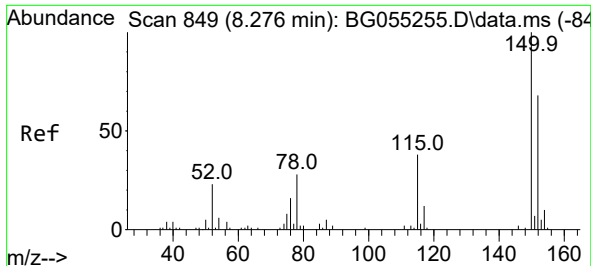
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055354.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER

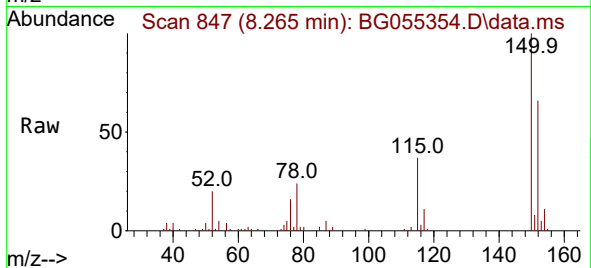
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



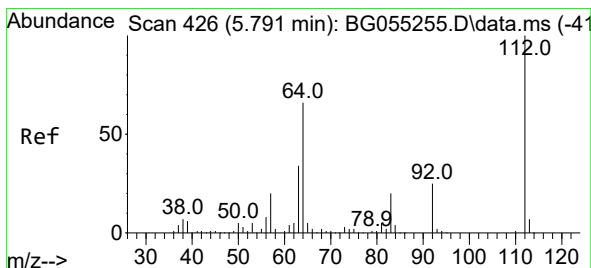
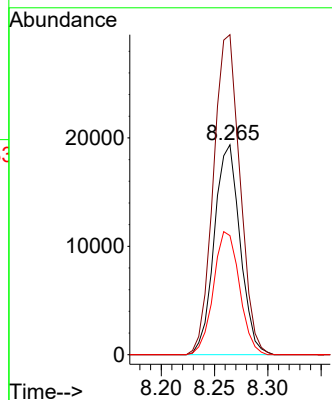
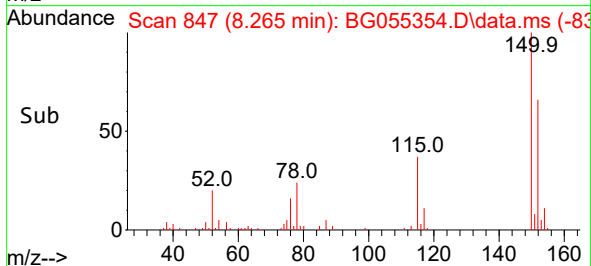


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

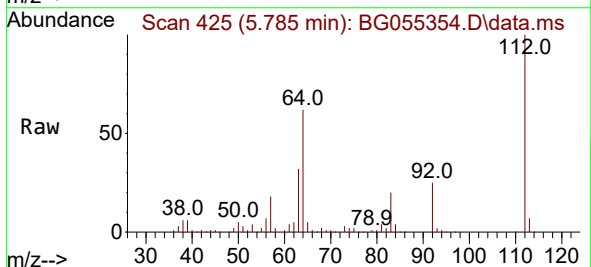
Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER



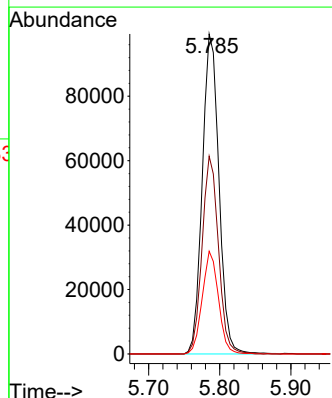
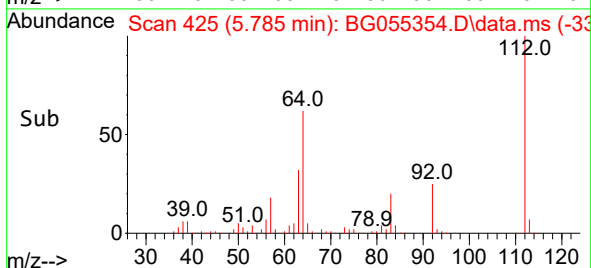
Tgt Ion:152 Resp: 32583
Ion Ratio Lower Upper
152 100
150 152.4 118.2 177.4
115 56.7 44.5 66.7

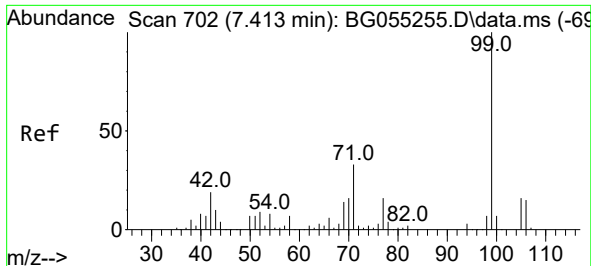


#5
2-Fluorophenol
Concen: 87.211 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28



Tgt Ion:112 Resp: 162287
Ion Ratio Lower Upper
112 100
64 61.8 52.6 78.8
63 32.1 27.1 40.7

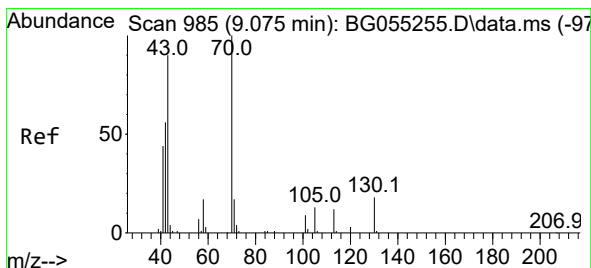
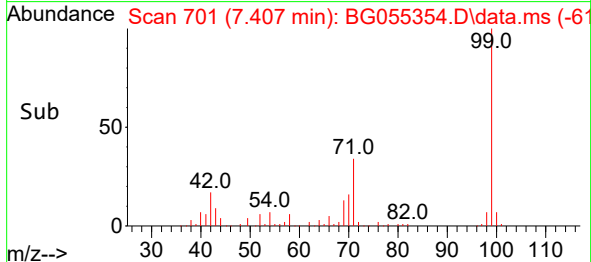
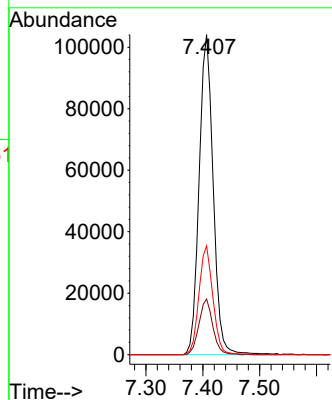
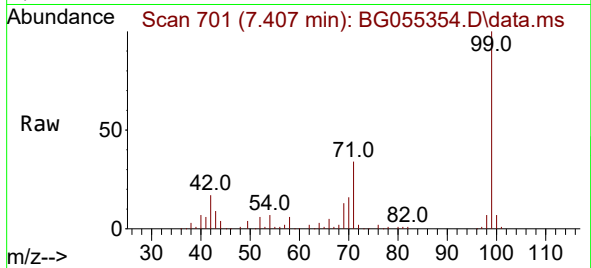




#7
Phenol-d6
Concen: 66.450 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

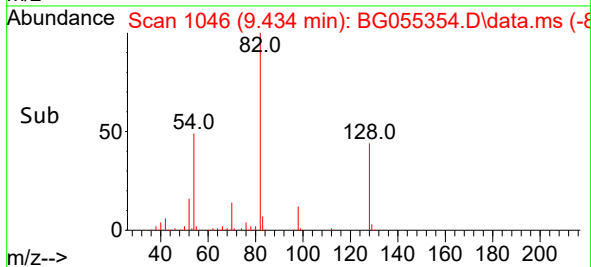
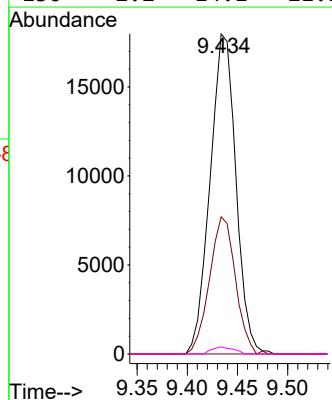
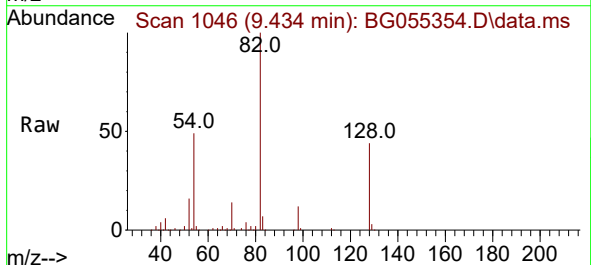
Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER

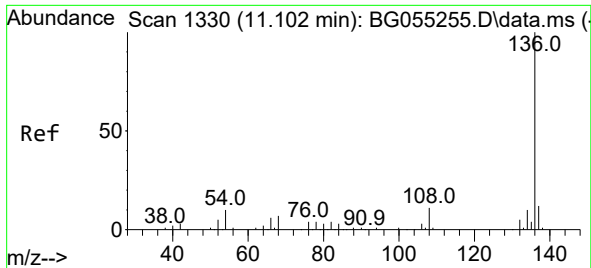
Tgt Ion: 99 Resp: 179146
Ion Ratio Lower Upper
99 100
42 17.4 15.2 22.8
71 34.0 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.373 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

Tgt Ion: 70 Resp: 32178
Ion Ratio Lower Upper
70 100
42 42.9 45.8 68.6#
101 0.0 7.4 11.0#
130 2.2 14.1 21.1#

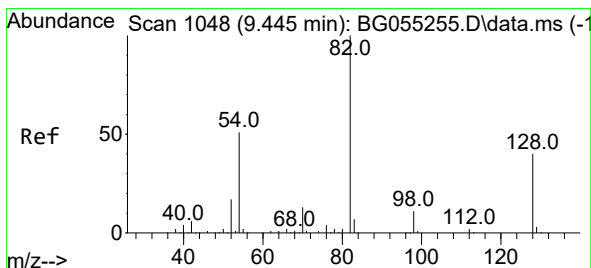
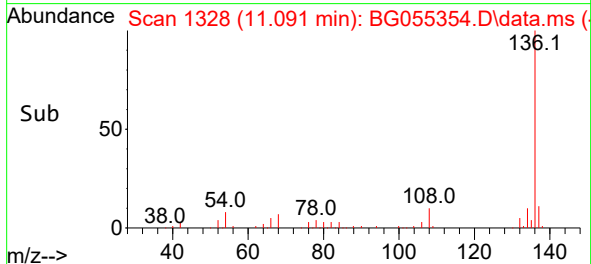
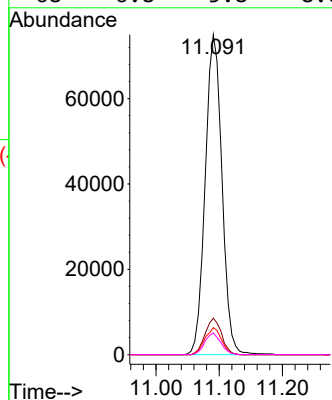
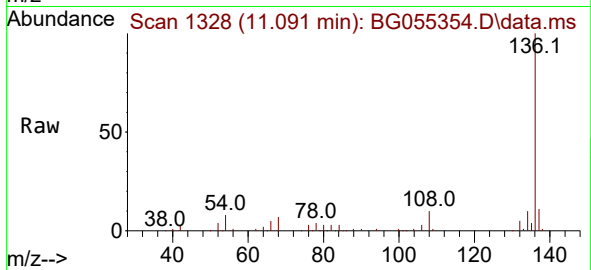




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

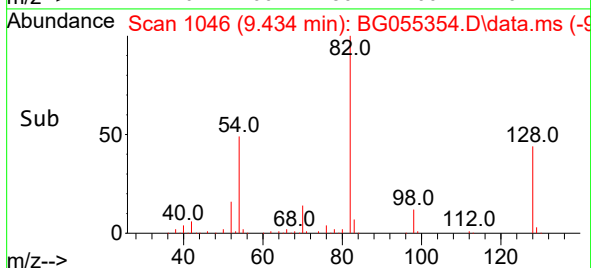
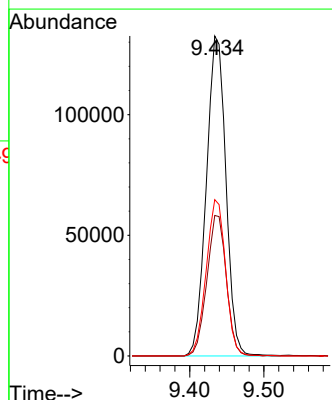
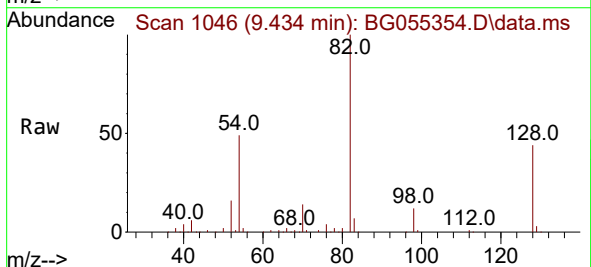
Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER

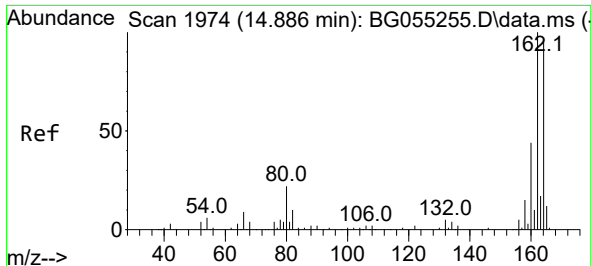
Tgt Ion:136 Resp: 137808
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.4 7.8 11.8
68 6.8 5.8 8.6



#23
Nitrobenzene-d5
Concen: 89.814 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

Tgt Ion: 82 Resp: 242388
Ion Ratio Lower Upper
82 100
128 43.9 32.0 48.0
54 48.9 40.9 61.3

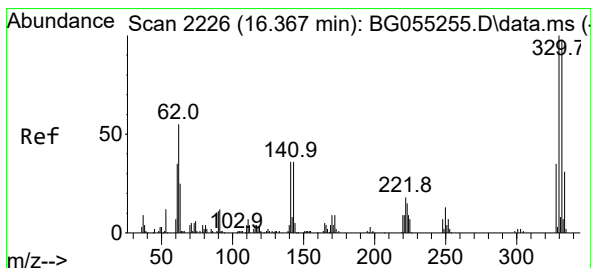
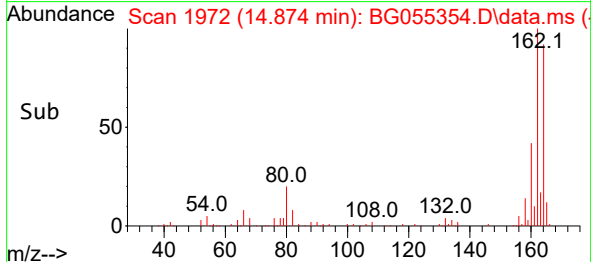
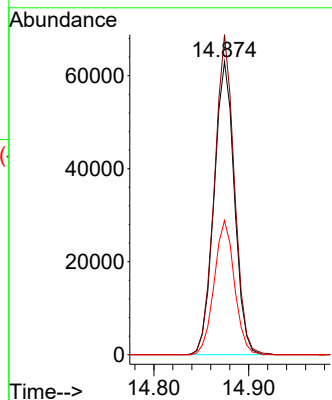
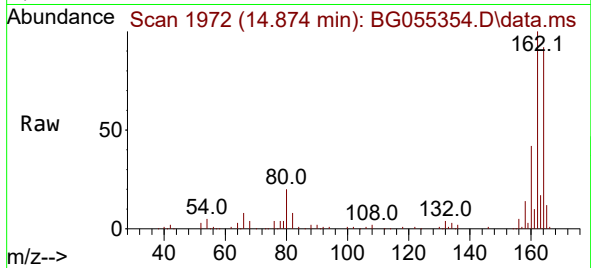




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

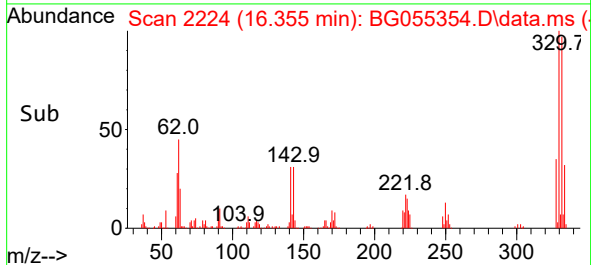
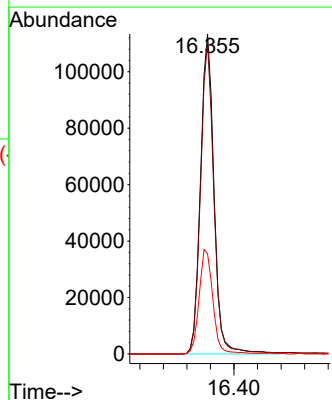
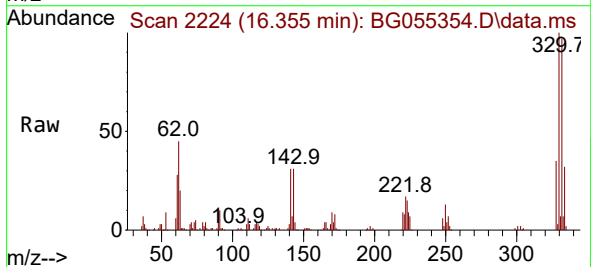
Instrument :
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ClientSampleId :
20221097-202-SITE-WATER

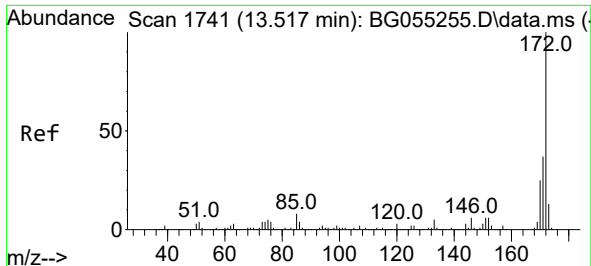
Tgt Ion:164 Resp: 94020
Ion Ratio Lower Upper
164 100
162 109.2 84.0 126.0
160 45.8 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 176.990 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

Tgt Ion:330 Resp: 180898
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 33.2 29.8 44.8

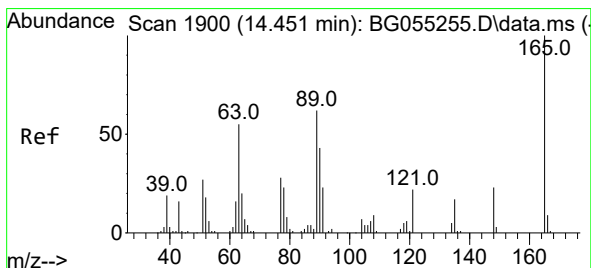
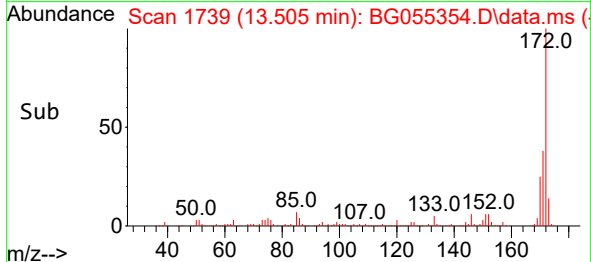
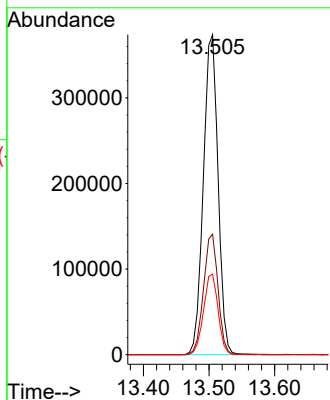
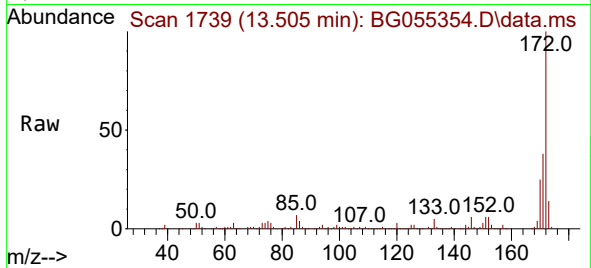




#45
2-Fluorobiphenyl
Concen: 101.573 ng
RT: 13.505 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

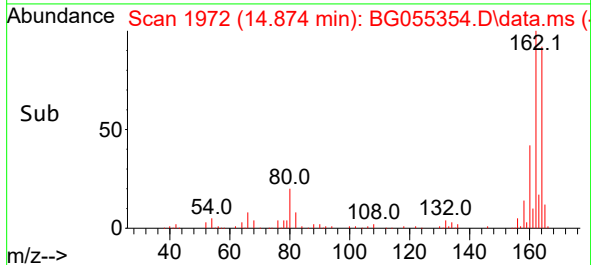
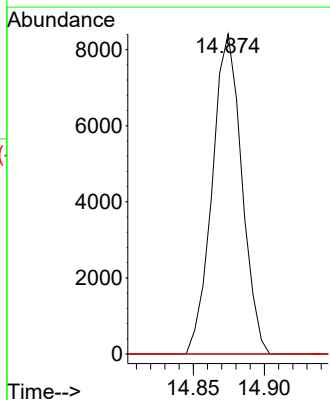
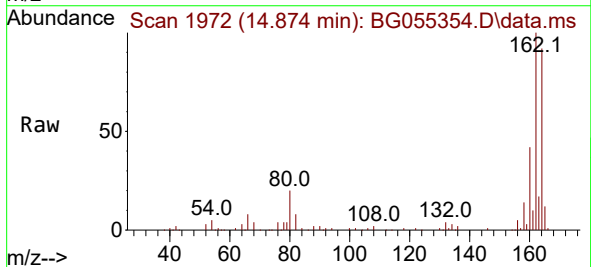
Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER

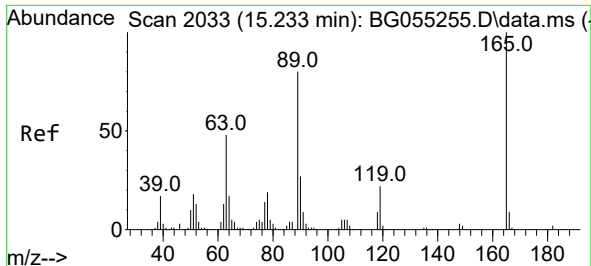
Tgt Ion:172 Resp: 583468
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 25.2 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.091 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

Tgt Ion:165 Resp: 12153
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.575 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055354.D

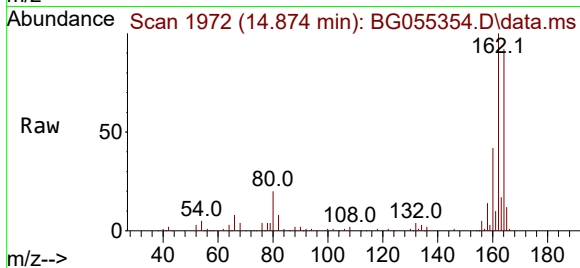
Acq: 28 Oct 2022 23:28

Instrument :

BNA_G

ClientSampleId :

20221097-202-SITE-WATER



Tgt Ion:165 Resp: 12153

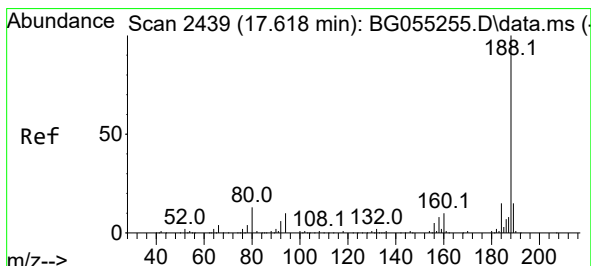
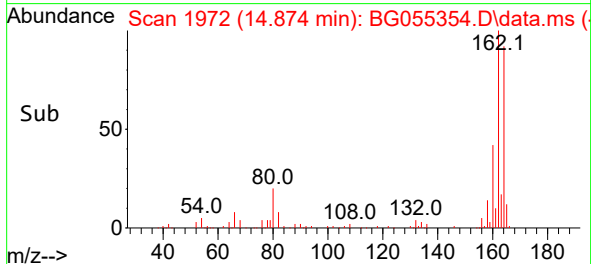
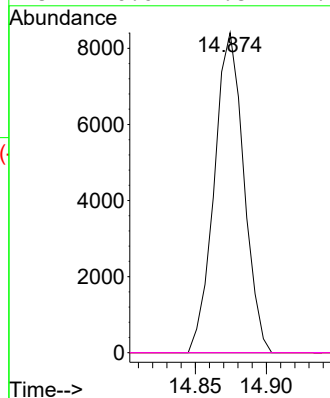
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055354.D

Acq: 28 Oct 2022 23:28

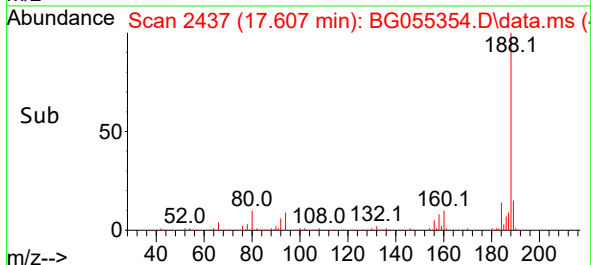
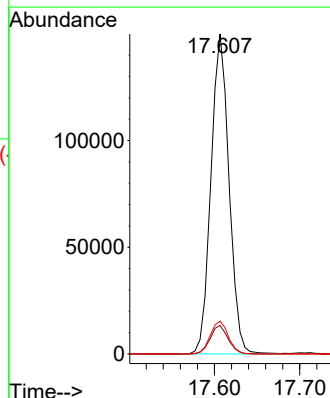
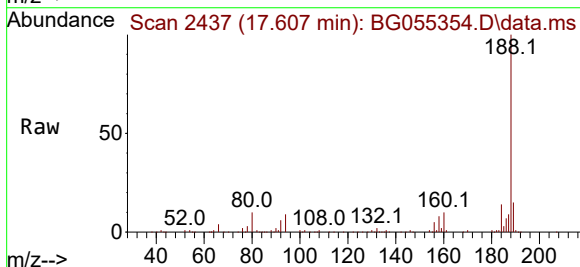
Tgt Ion:188 Resp: 220978

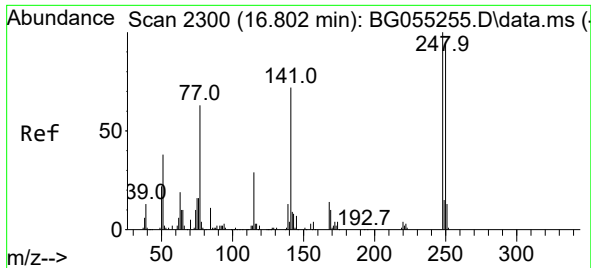
Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.3 10.1 15.1

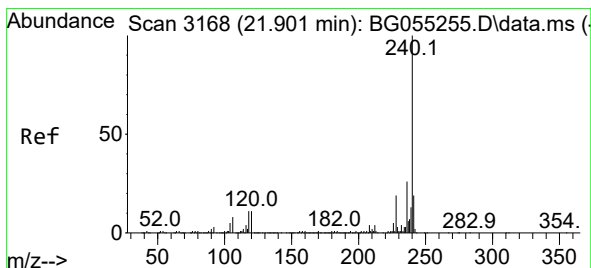
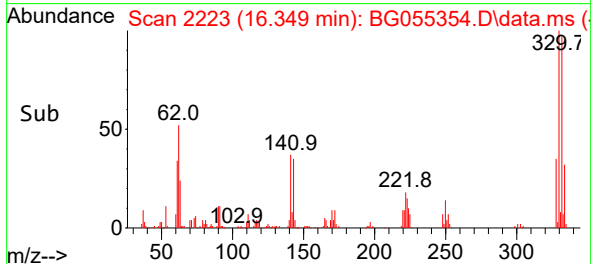
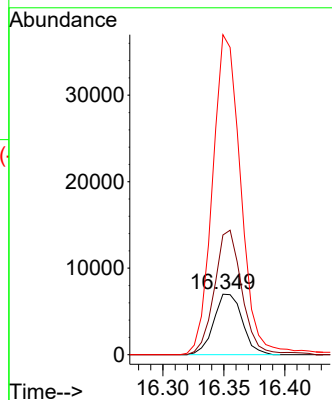
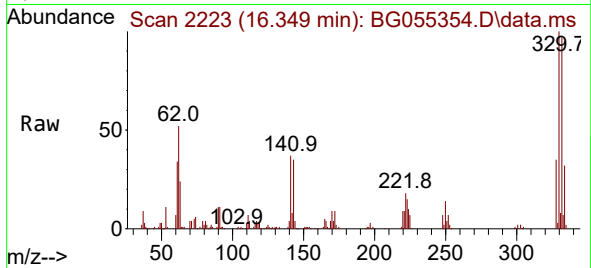




#67
4-Bromophenyl-phenylether
Concen: 5.317 ng
RT: 16.349 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

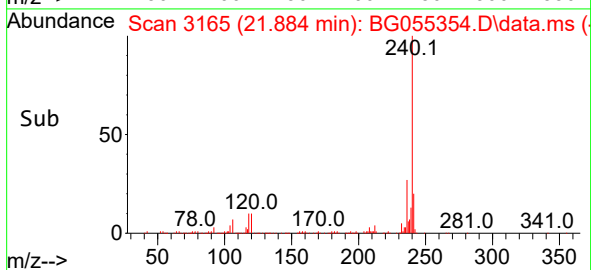
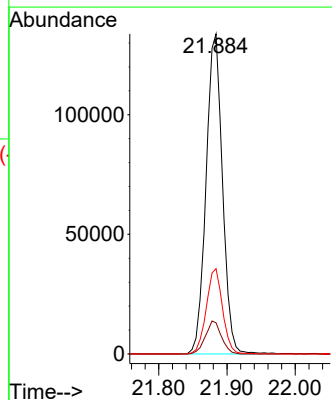
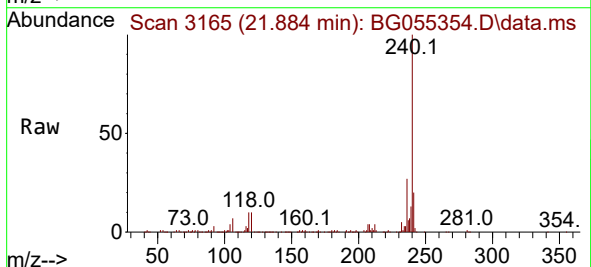
Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER

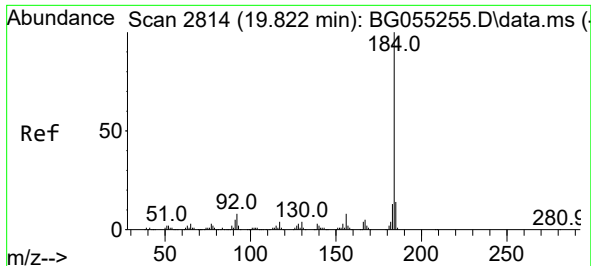
Tgt Ion:248 Resp: 11414
Ion Ratio Lower Upper
248 100
250 198.2 76.0 114.0#
141 529.6 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

Tgt Ion:240 Resp: 224158
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.7 21.0 31.4

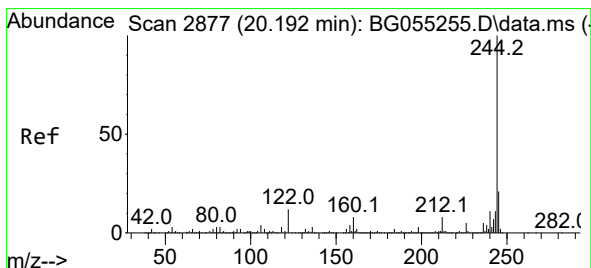
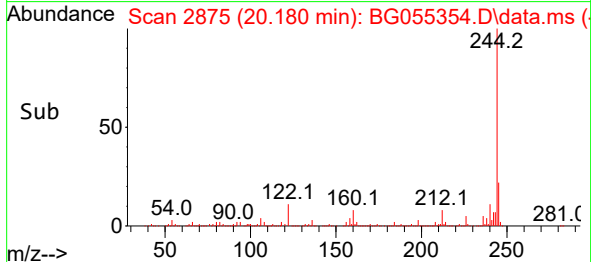
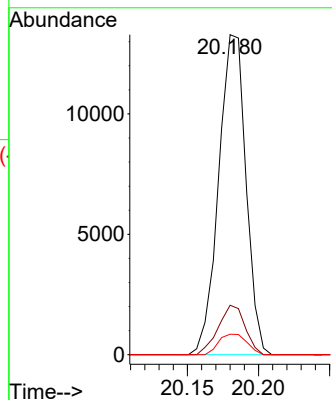
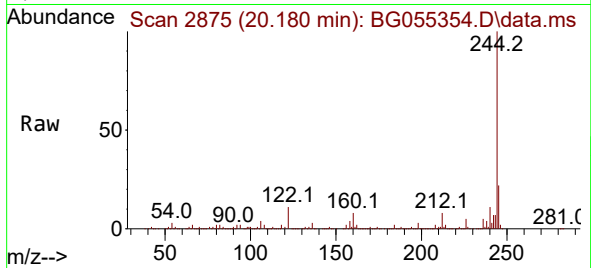




#77
Benzidine
Concen: 3.273 ng
RT: 20.180 min Scan# 2875
Delta R.T. 0.364 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

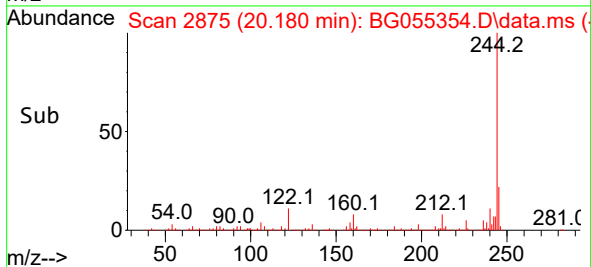
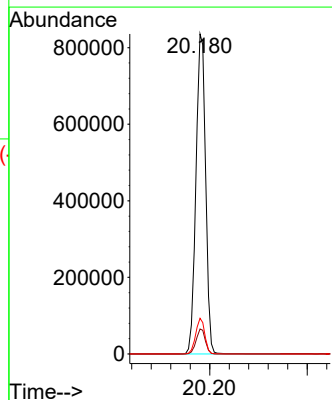
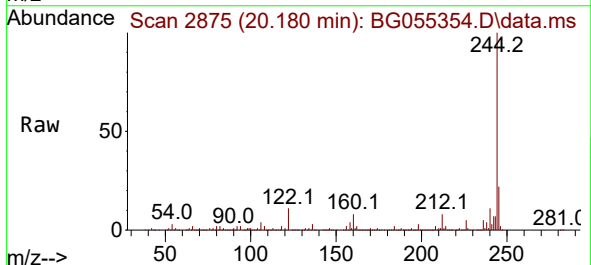
Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER

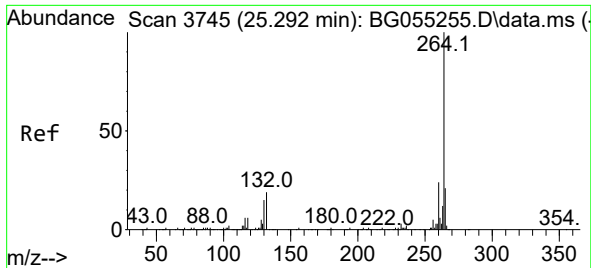
Tgt Ion:184 Resp: 17762
Ion Ratio Lower Upper
184 100
185 15.4 11.0 16.6
183 6.4 10.0 15.0#



#79
Terphenyl-d14
Concen: 107.195 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

Tgt Ion:244 Resp: 1156512
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.2 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.274 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055354.D
Acq: 28 Oct 2022 23:28

Instrument :
BNA_G
ClientSampleId :
20221097-202-SITE-WATER

Tgt Ion:264 Resp: 234007

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	17.4	26.2

