

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055351.D
 Acq On : 28 Oct 2022 21:26
 Operator : CG/JU
 Sample : N5226-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221093-198-SITE-WATER

Quant Time: Oct 29 04:56:16 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

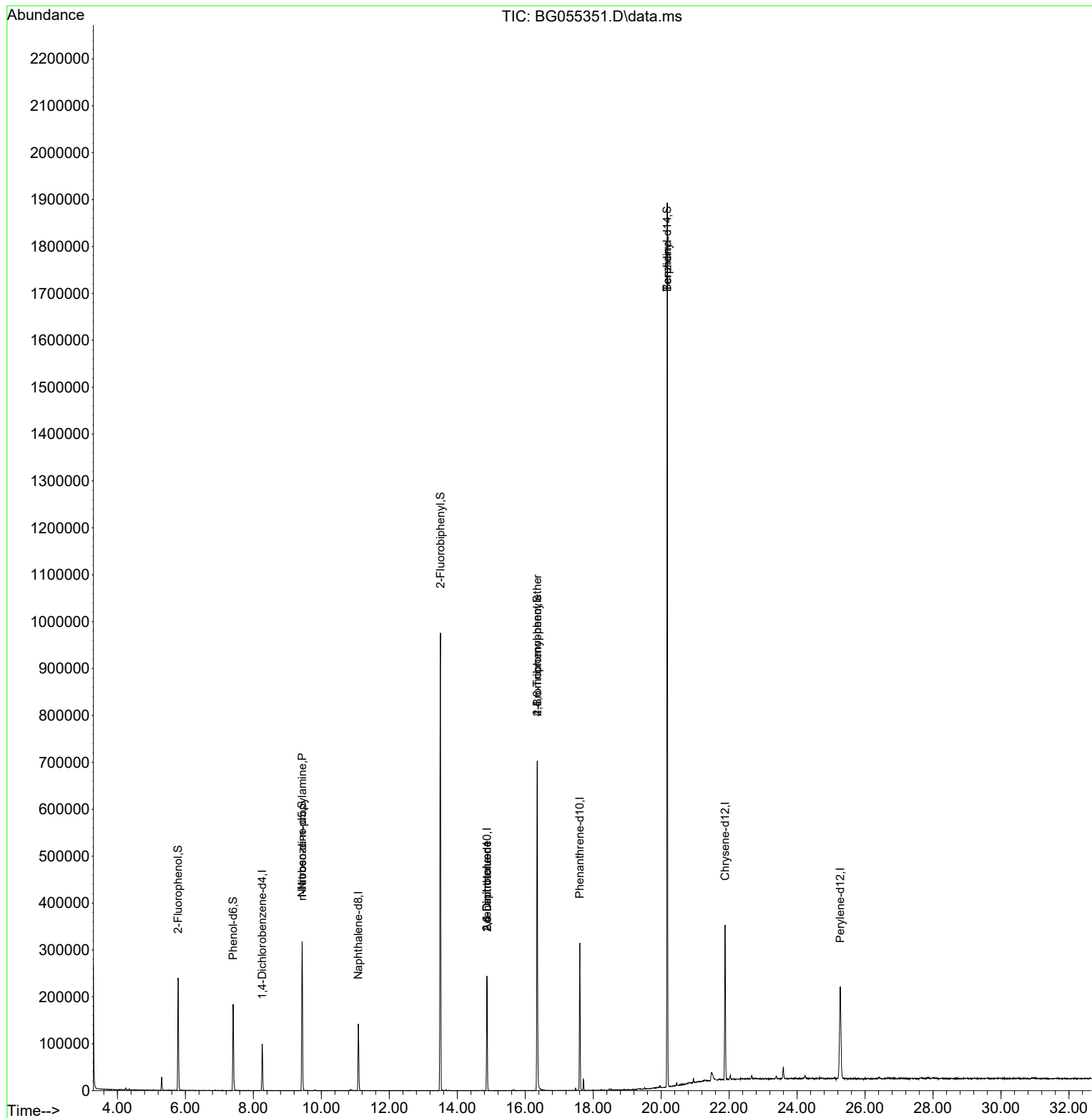
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	29897	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	125114	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	86758	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	199417	20.000	ng	0.00
76) Chrysene-d12	21.883	240	205895	20.000	ng	0.00
86) Perylene-d12	25.268	264	216184	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	112525	65.902	ng	0.00
7) Phenol-d6	7.406	99	115338	46.626	ng	0.00
23) Nitrobenzene-d5	9.433	82	204181	83.333	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	154027	163.314	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	511670	96.530	ng	0.00
79) Terphenyl-d14	20.180	244	938473	94.701	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.439	70	26917	13.103	ng	# 73
51) 2,6-Dinitrotoluene	14.874	165	11304	8.155	ng	# 19
57) 2,4-Dinitrotoluene	14.874	165	11304	5.620	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	9678	4.995	ng	# 1
77) Benzidine	20.180	184	14036	2.815	ng	# 89

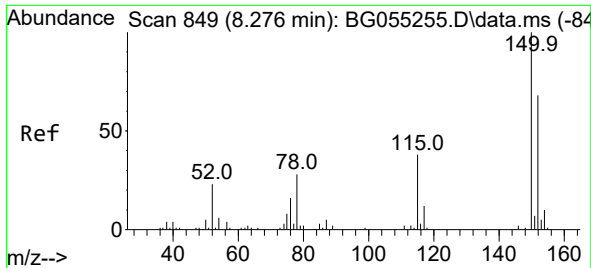
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

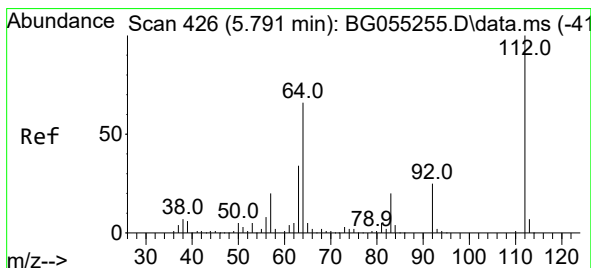
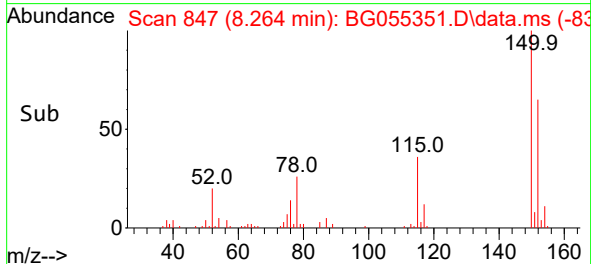
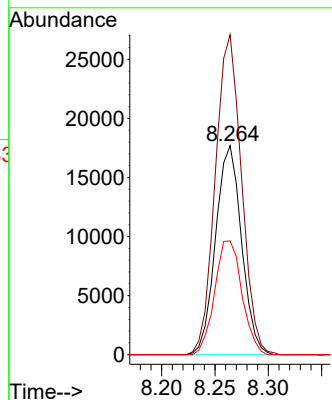
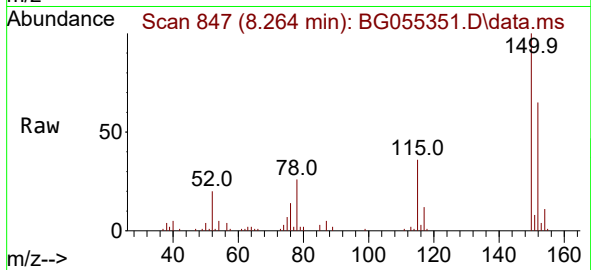




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

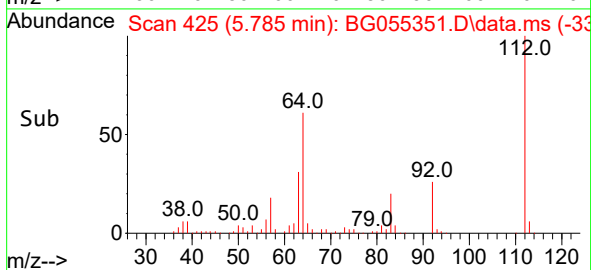
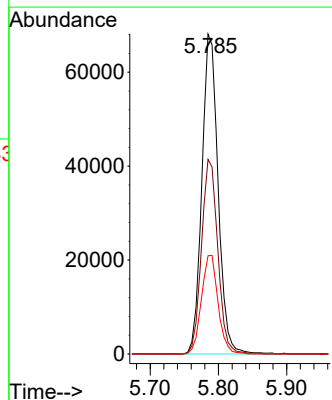
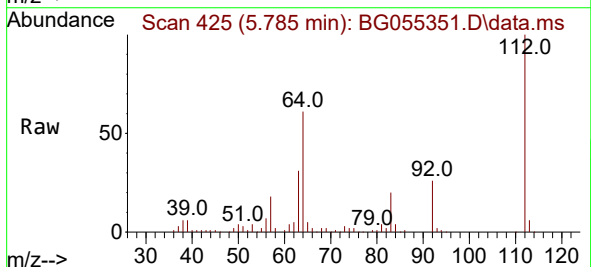
Instrument :
BNA_G
ClientSampleId :
20221093-198-SITE-WATER

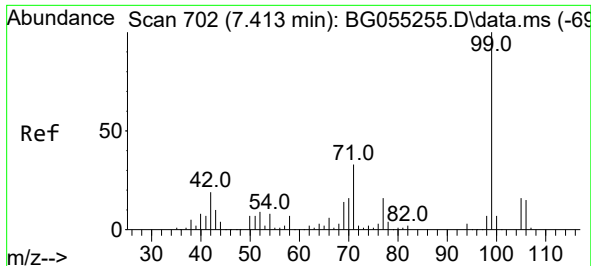
Tgt Ion:152 Resp: 29897
Ion Ratio Lower Upper
152 100
150 153.0 118.2 177.4
115 54.4 44.5 66.7



#5
2-Fluorophenol
Concen: 65.902 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.001 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion:112 Resp: 112525
Ion Ratio Lower Upper
112 100
64 60.8 52.6 78.8
63 30.7 27.1 40.7

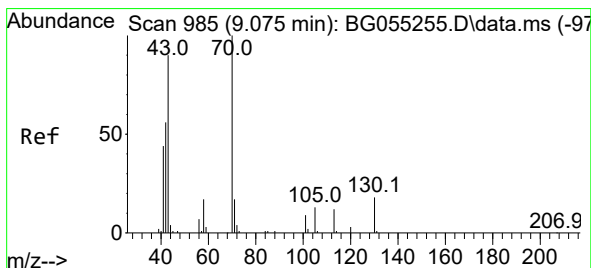
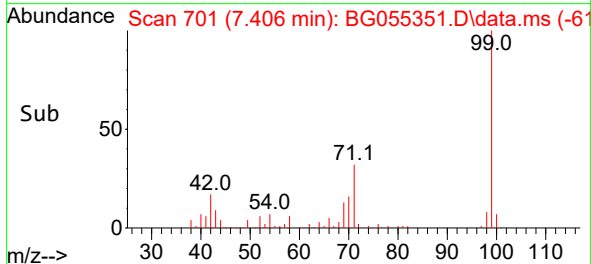
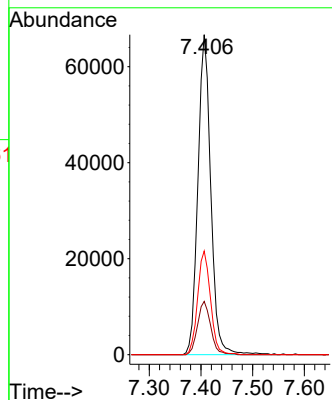
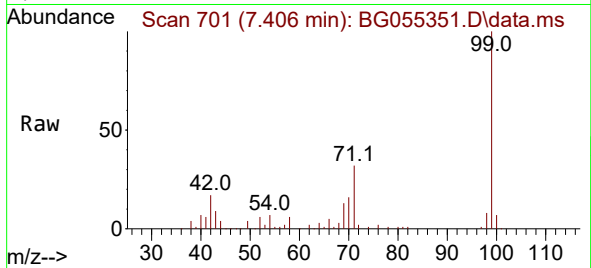




#7
Phenol-d6
Concen: 46.626 ng
RT: 7.406 min Scan# 702
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

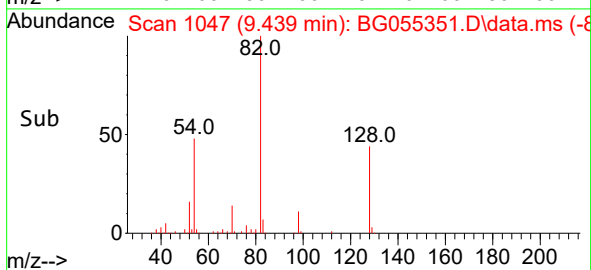
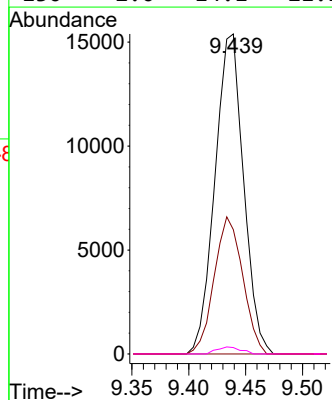
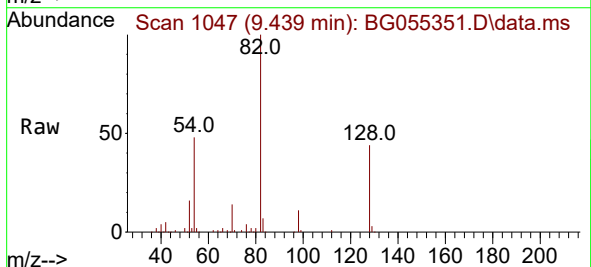
Instrument :
BNA_G
ClientSampleId :
20221093-198-SITE-WATER

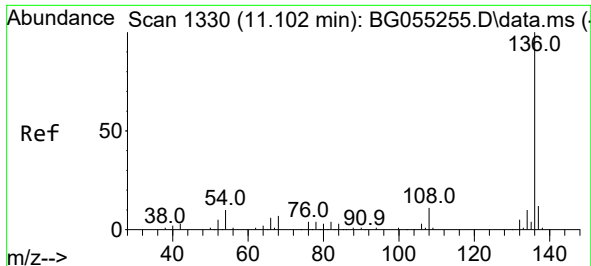
Tgt Ion: 99 Resp: 115338
Ion Ratio Lower Upper
99 100
42 16.6 15.2 22.8
71 32.4 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.103 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.369 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion: 70 Resp: 26917
Ion Ratio Lower Upper
70 100
42 38.8 45.8 68.6#
101 0.0 7.4 11.0#
130 2.0 14.1 21.1#

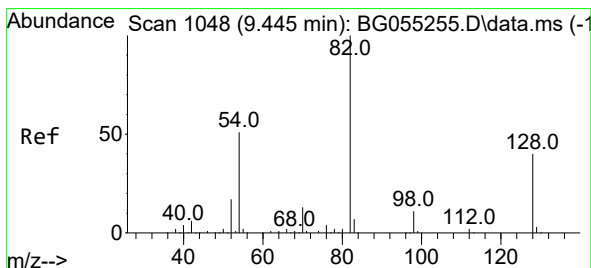
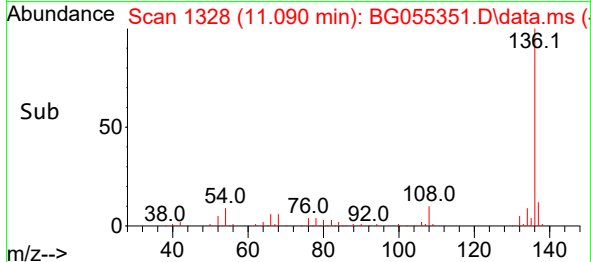
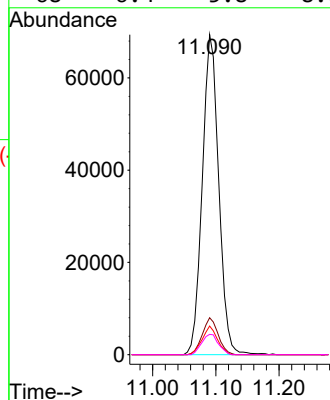
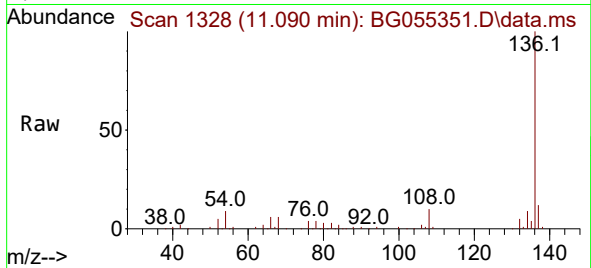




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

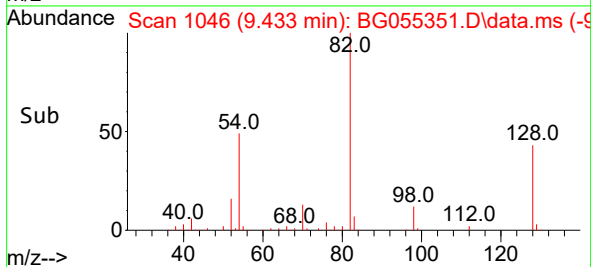
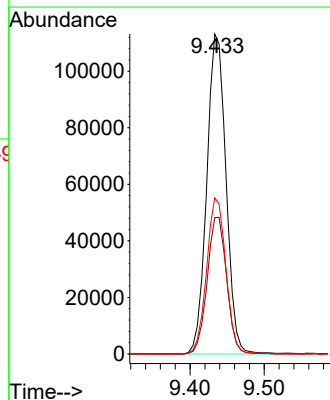
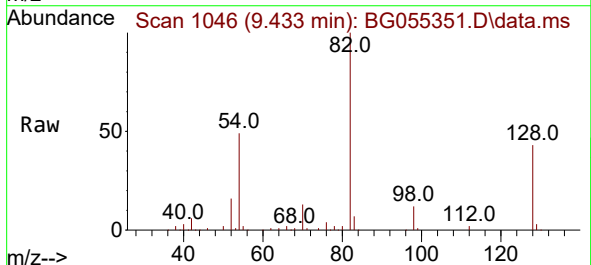
Instrument :
BNA_G
ClientSampleId :
20221093-198-SITE-WATER

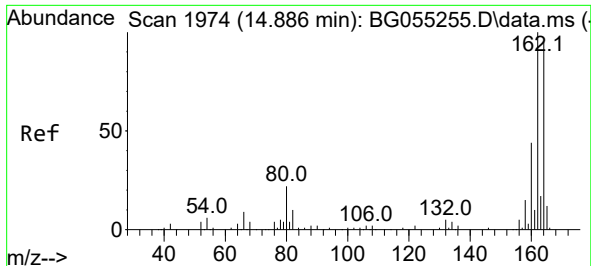
Tgt Ion:136 Resp: 125114
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.0 7.8 11.8
68 6.4 5.8 8.6



#23
Nitrobenzene-d5
Concen: 83.333 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion: 82 Resp: 204181
Ion Ratio Lower Upper
82 100
128 42.6 32.0 48.0
54 48.8 40.9 61.3

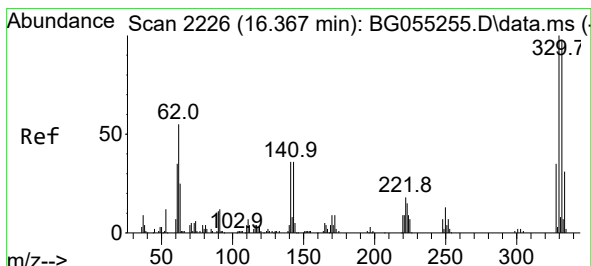
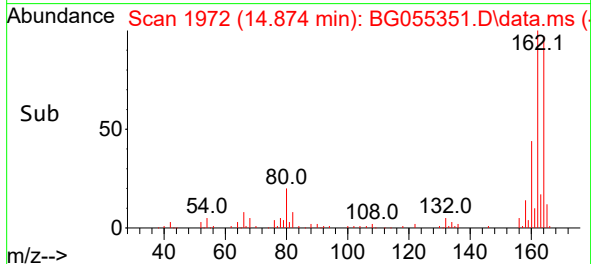
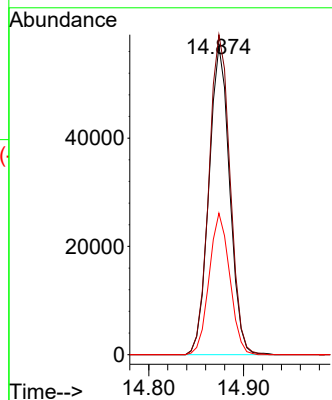
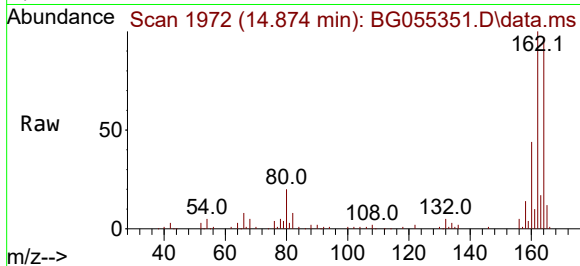




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.874 min Scan# 1974
 Delta R.T. -0.007 min
 Lab File: BG055351.D
 Acq: 28 Oct 2022 21:26

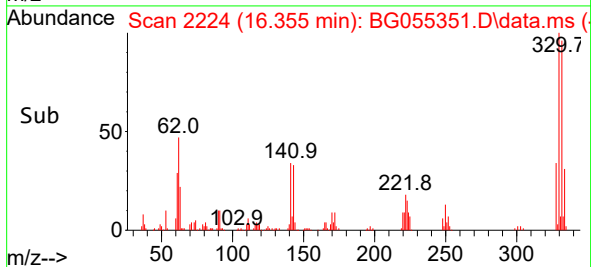
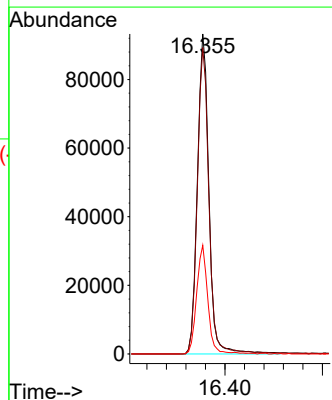
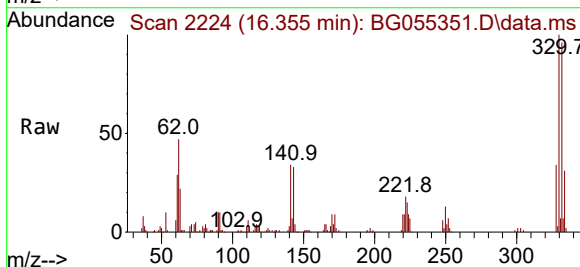
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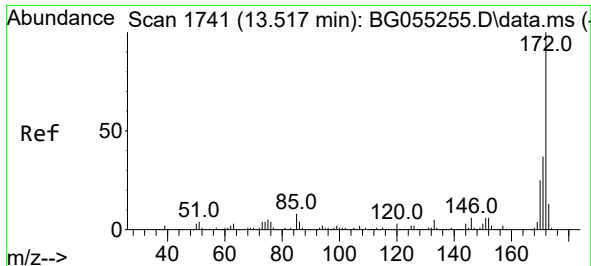
Tgt Ion:164 Resp: 86758
 Ion Ratio Lower Upper
 164 100
 162 103.6 84.0 126.0
 160 45.8 36.7 55.1



#42
 2,4,6-Tribromophenol
 Concen: 163.314 ng
 RT: 16.355 min Scan# 2224
 Delta R.T. -0.007 min
 Lab File: BG055351.D
 Acq: 28 Oct 2022 21:26

Tgt Ion:330 Resp: 154027
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 33.0 29.8 44.8

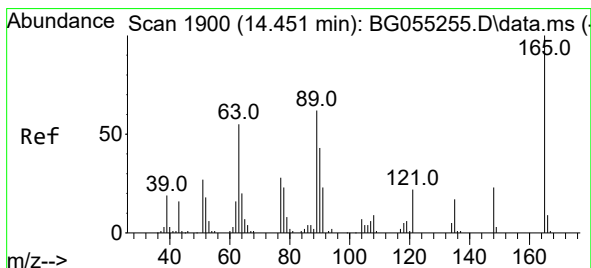
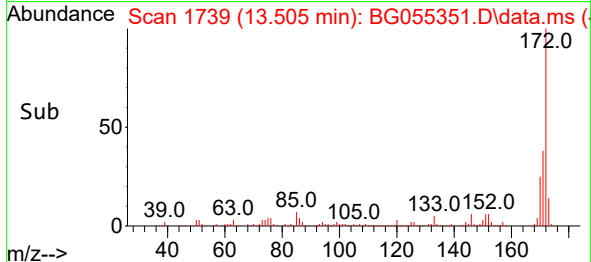
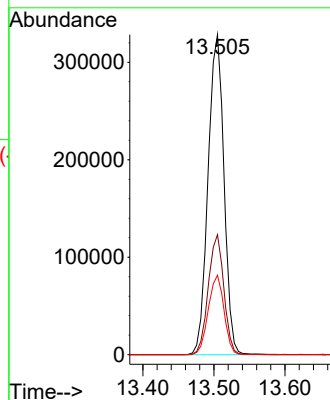
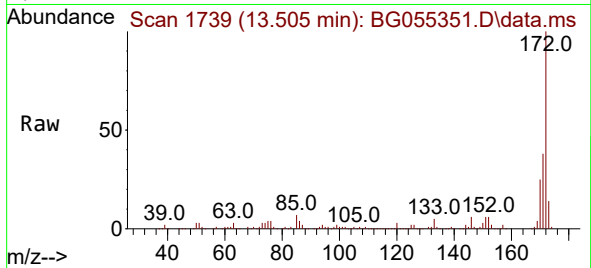




#45
2-Fluorobiphenyl
Concen: 96.530 ng
RT: 13.505 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

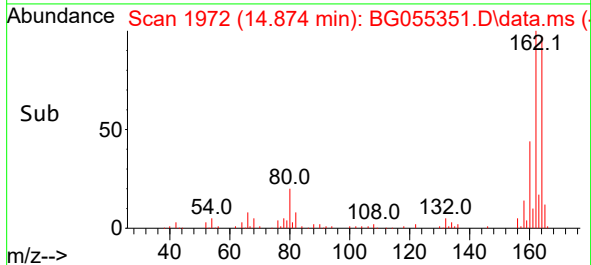
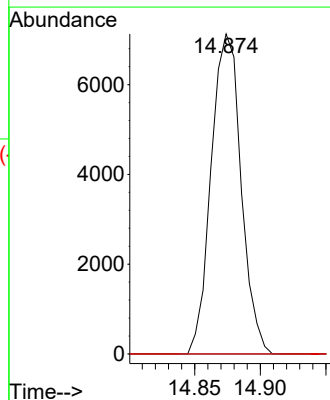
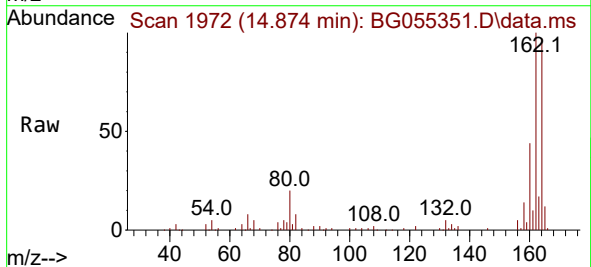
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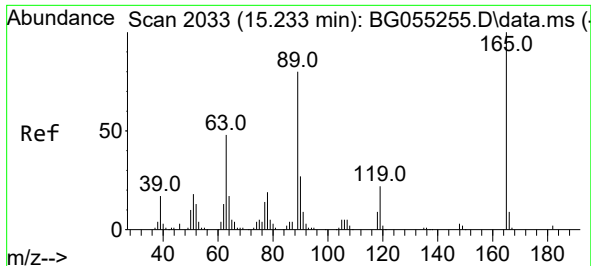
Tgt Ion:172 Resp: 511670
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.155 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.422 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion:165 Resp: 11304
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: 5.620 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055351.D

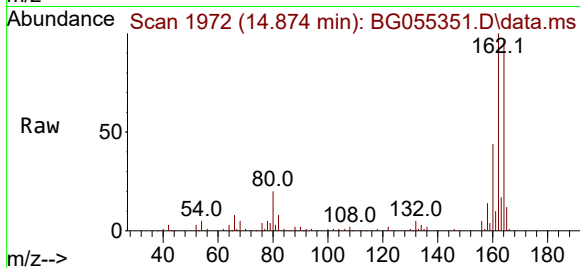
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Instrument :

BNA_G

ClientSampleId :

20221093-198-SITE-WATER



Tgt Ion:165 Resp: 11304

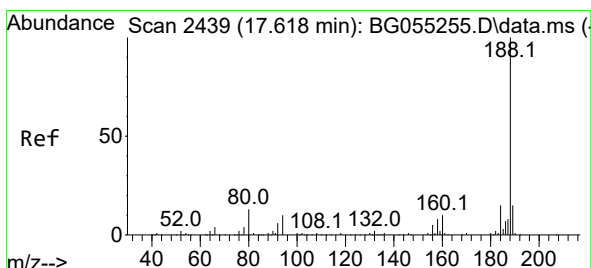
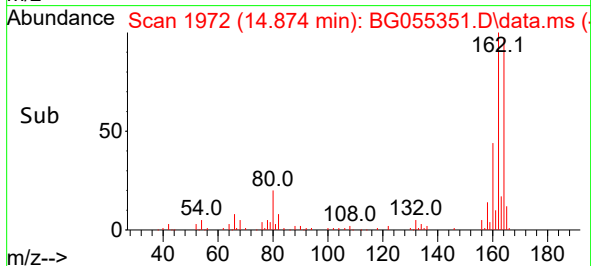
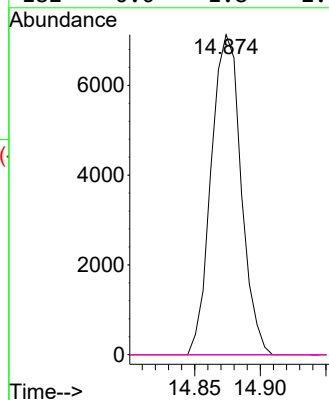
Ion Ratio Lower Upper

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: 17.606 min Scan# 2437

Delta R.T. -0.007 min

Lab File: BG055351.D

Acq: 28 Oct 2022 21:26

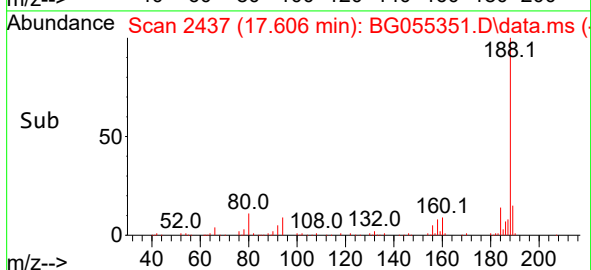
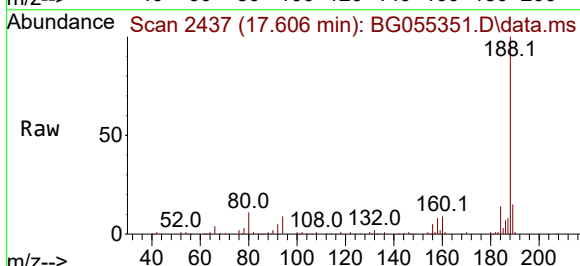
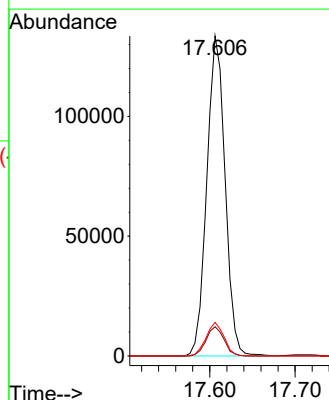
Tgt Ion:188 Resp: 199417

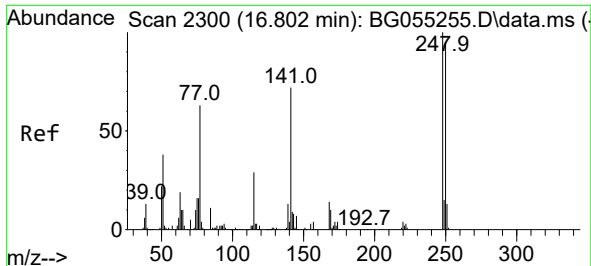
Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

80 10.5 10.1 15.1

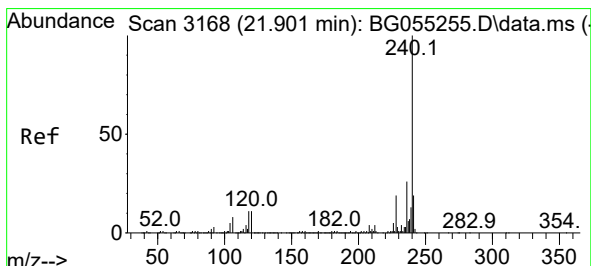
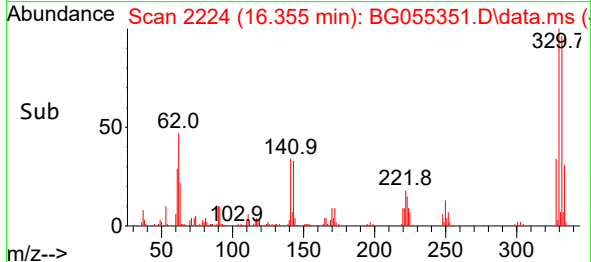
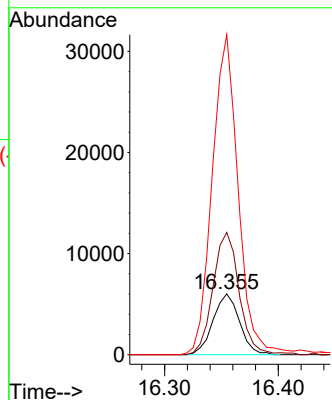
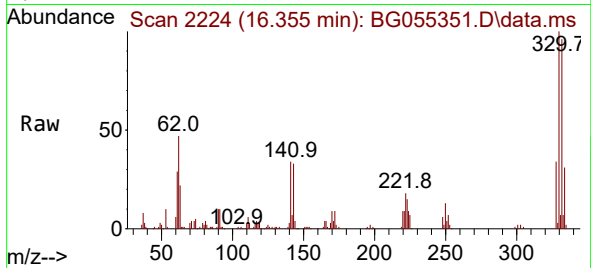




#67
4-Bromophenyl-phenylether
Concen: 4.995 ng
RT: 16.355 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

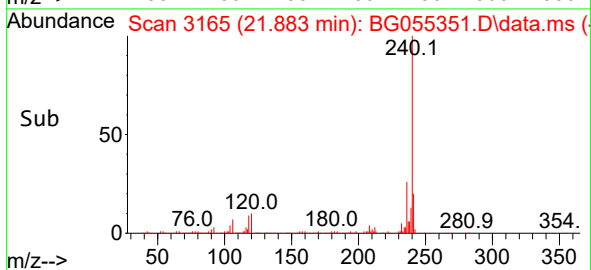
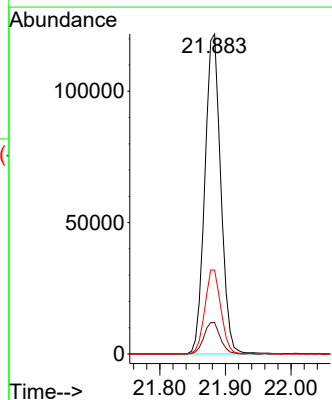
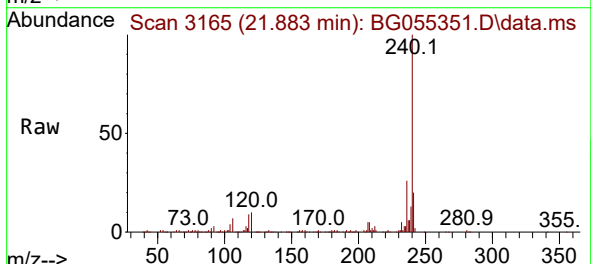
Instrument :
BNA_G
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20221093-198-SITE-WATER

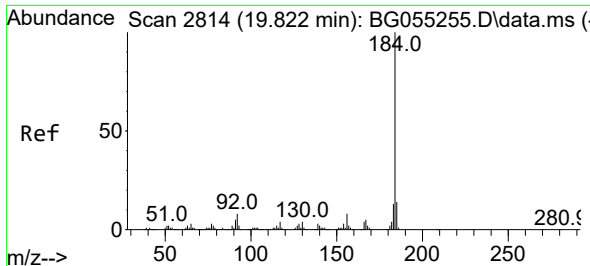
Tgt Ion:248 Resp: 9678
Ion Ratio Lower Upper
248 100
250 201.1 76.0 114.0#
141 526.2 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion:240 Resp: 205895
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 26.3 21.0 31.4

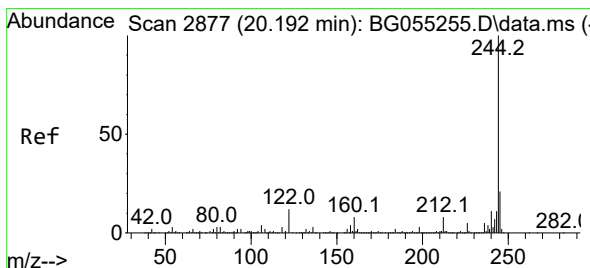
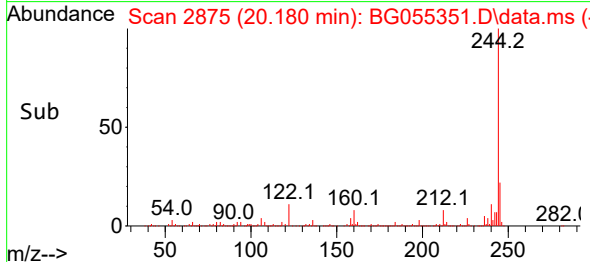
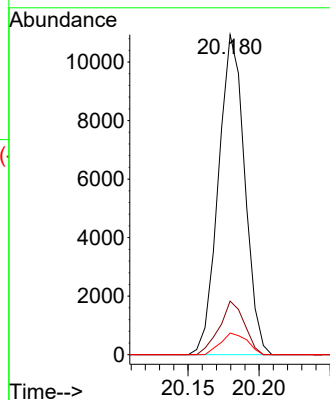
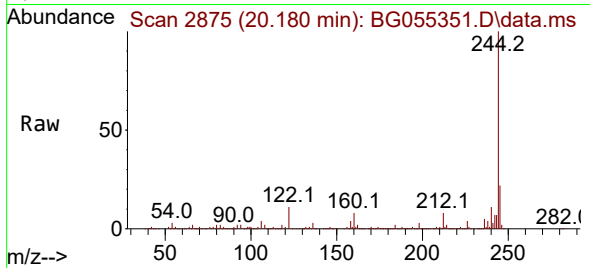




#77
Benzidine
Concen: 2.815 ng
RT: 20.180 min Scan# 2875
Delta R.T. 0.364 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

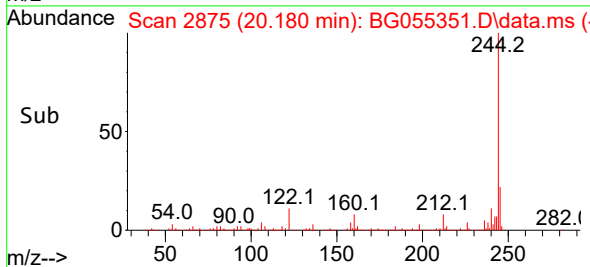
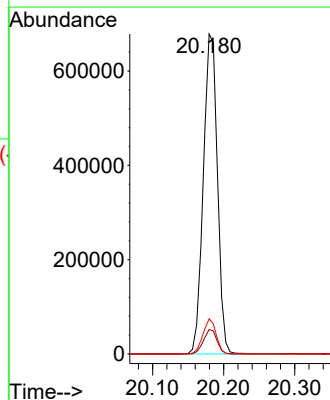
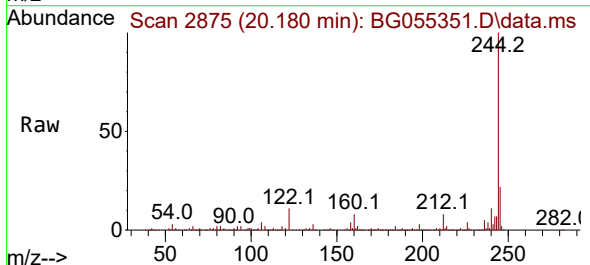
Instrument :
BNA_G
ClientSampleId :
20221093-198-SITE-WATER

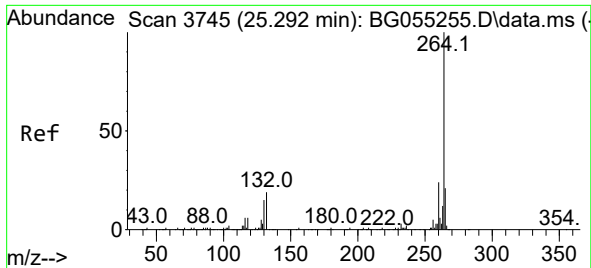
Tgt Ion:184 Resp: 14036
Ion Ratio Lower Upper
184 100
185 16.7 11.0 16.6#
183 6.8 10.0 15.0#



#79
Terphenyl-d14
Concen: 94.701 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

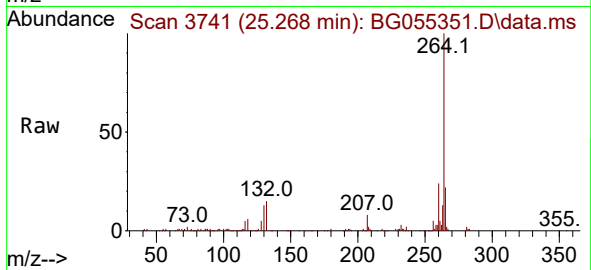
Tgt Ion:244 Resp: 938473
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 11.0 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.268 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Instrument :
BNA_G
ClientSampleId :
20221093-198-SITE-WATER



Tgt Ion:264 Resp: 216184
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.3 17.4 26.2

