

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055355.D
 Acq On : 29 Oct 2022 00:09
 Operator : CG/JU
 Sample : N5226-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221098-203-SITE-WATER

Quant Time: Oct 29 04:57:01 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)

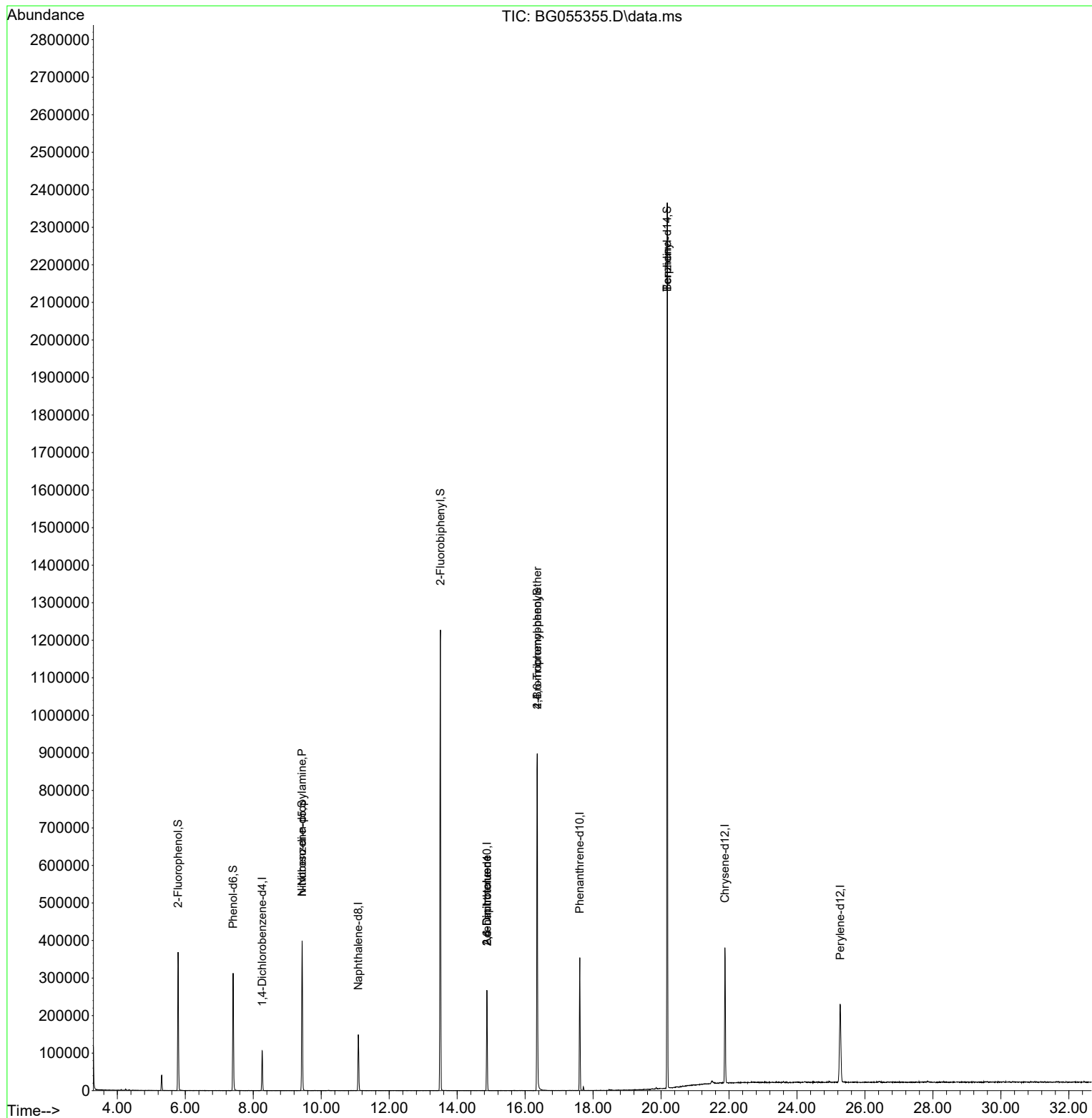
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	31757	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	135902	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	94836	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	221942	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	222886	20.000	ng	-0.01
86) Perylene-d12	25.268	264	230213	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	168529	92.921	ng	0.00
7) Phenol-d6	7.407	99	195417	74.371	ng	0.00
23) Nitrobenzene-d5	9.434	82	254837	95.751	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	195925	190.043	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	647380	111.730	ng	0.00
79) Terphenyl-d14	20.180	244	1179265	109.928	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.434	70	33857	15.517	ng	# 78
51) 2,6-Dinitrotoluene	14.875	165	12413	8.193	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	12413	5.645	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	12617	5.851	ng	# 1
77) Benzidine	20.180	184	18122	3.358	ng	# 91

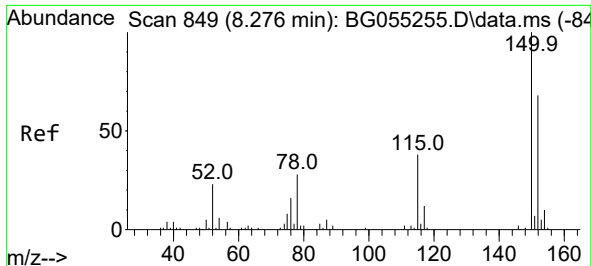
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 29 04:57:01 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

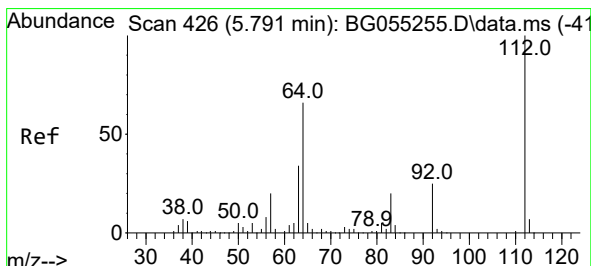
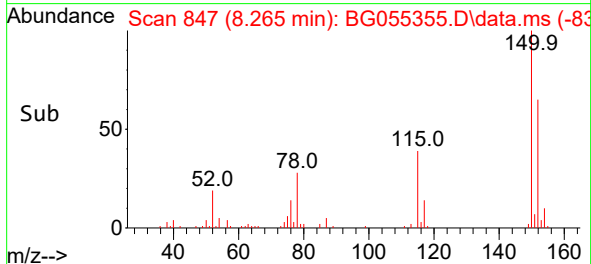
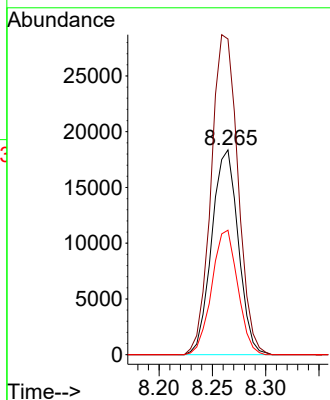
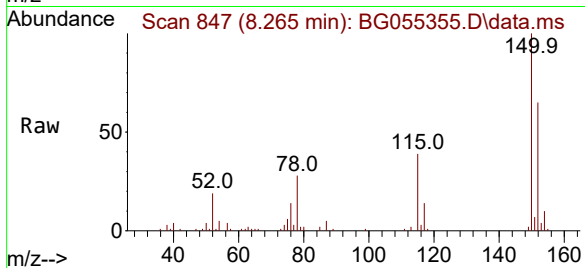




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

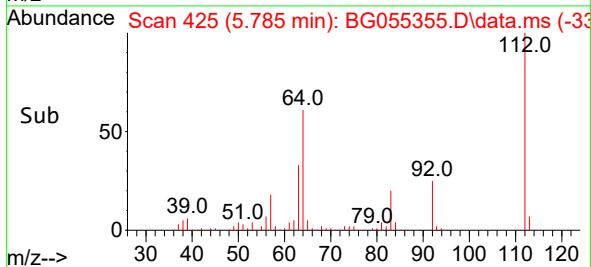
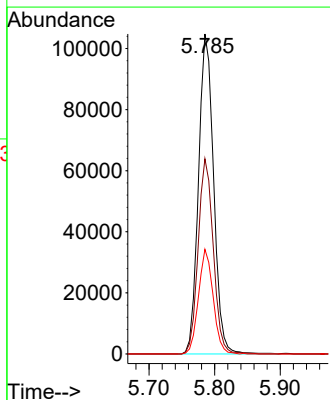
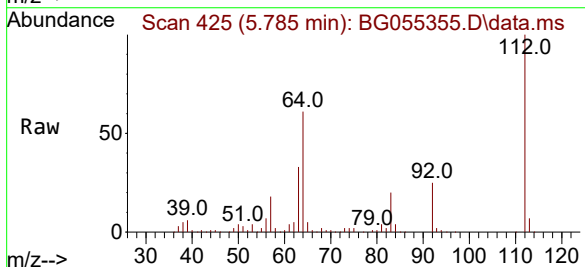
Instrument :
BNA_G
ClientSampleId :
20221098-203-SITE-WATER

Tgt Ion:152 Resp: 31757
Ion Ratio Lower Upper
152 100
150 154.1 118.2 177.4
115 60.7 44.5 66.7



#5
2-Fluorophenol
Concen: 92.921 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

Tgt Ion:112 Resp: 168529
Ion Ratio Lower Upper
112 100
64 61.0 52.6 78.8
63 32.7 27.1 40.7

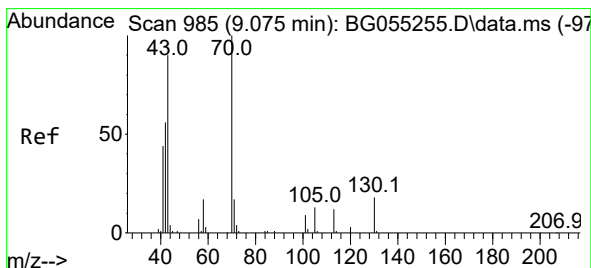
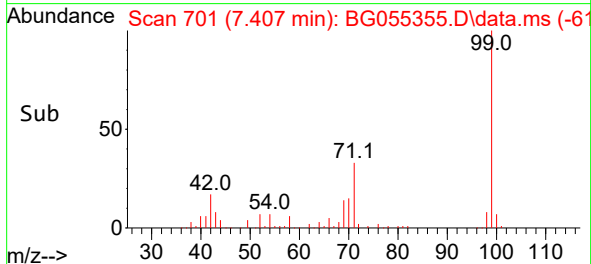
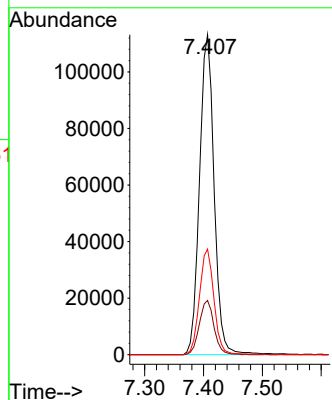
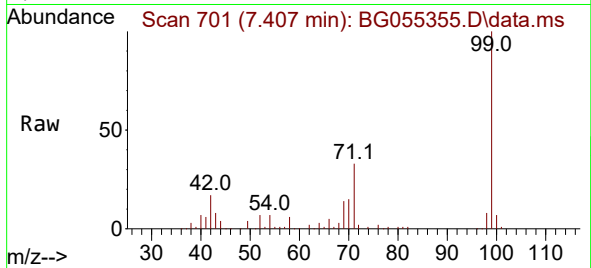




#7
Phenol-d6
Concen: 74.371 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

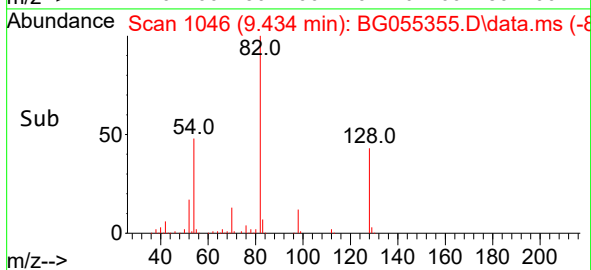
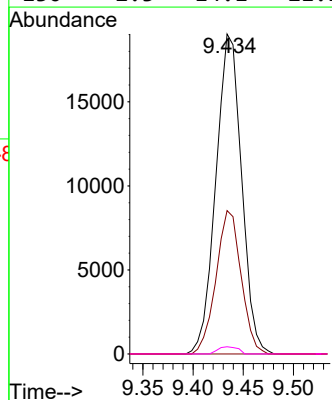
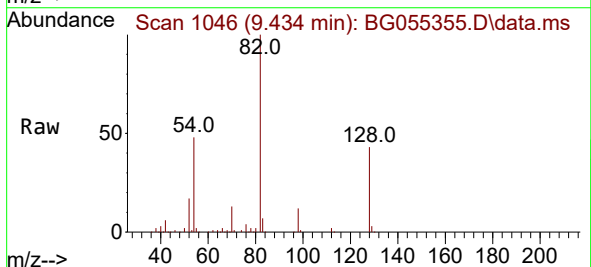
Instrument :
BNA_G
ClientSampleId :
20221098-203-SITE-WATER

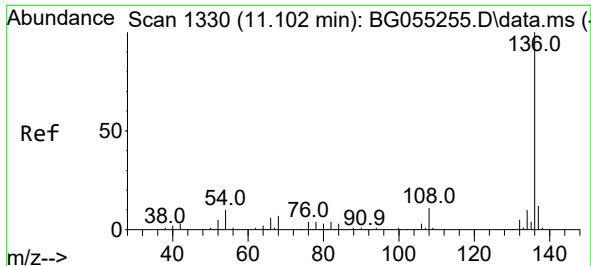
Tgt Ion: 99 Resp: 195417
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 33.0 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.517 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

Tgt Ion: 70 Resp: 33857
Ion Ratio Lower Upper
70 100
42 44.8 45.8 68.6#
101 0.0 7.4 11.0#
130 2.3 14.1 21.1#

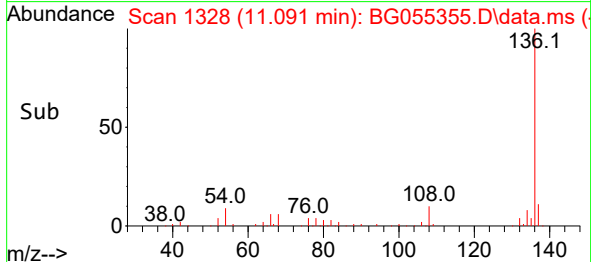
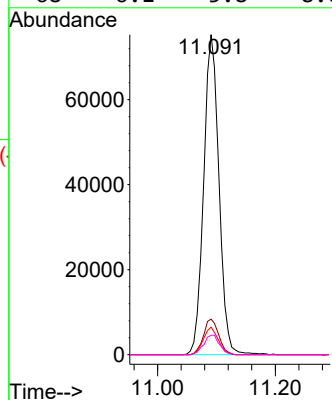
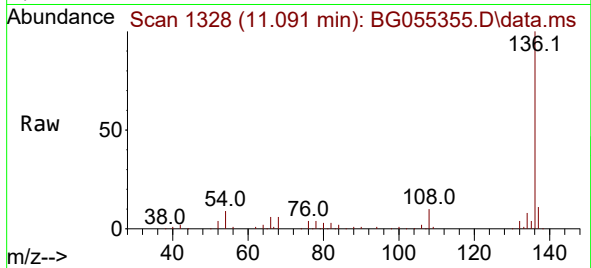




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

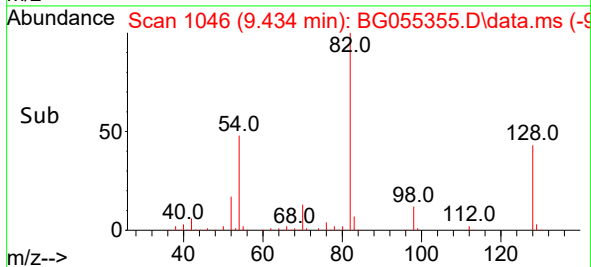
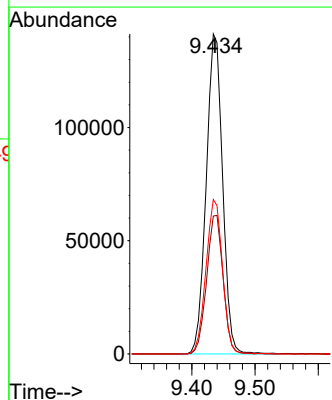
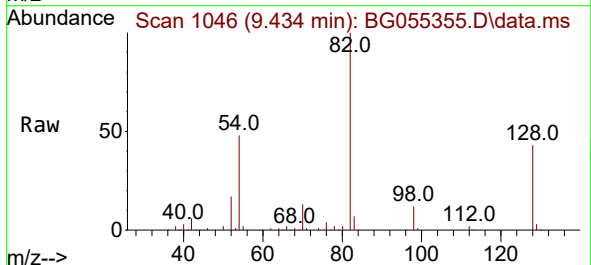
Instrument :
BNA_G
ClientSampleId :
20221098-203-SITE-WATER

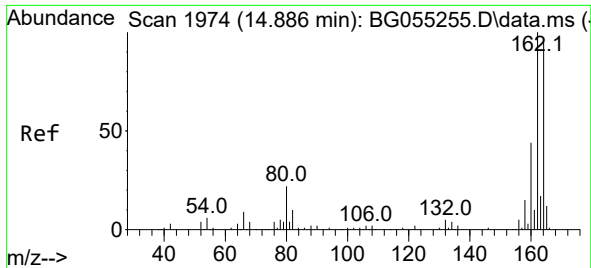
Tgt Ion:	136	Resp:	135902
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.6	7.8	11.8
68	6.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 95.751 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

Tgt Ion:	82	Resp:	254837
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.0	48.0
54	48.3	40.9	61.3

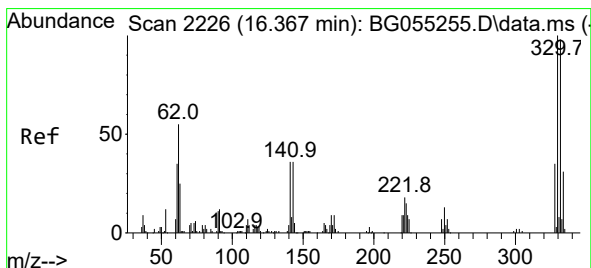
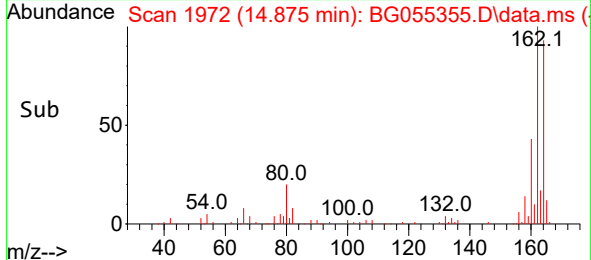
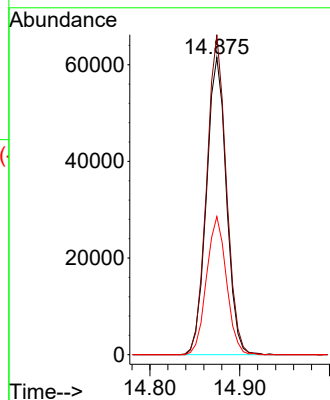
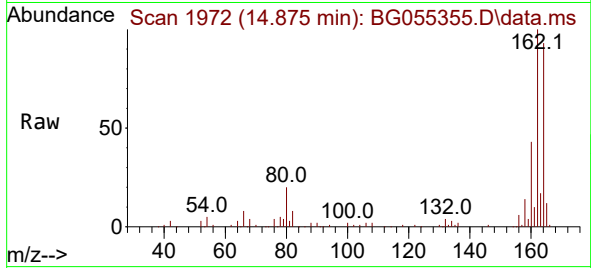




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

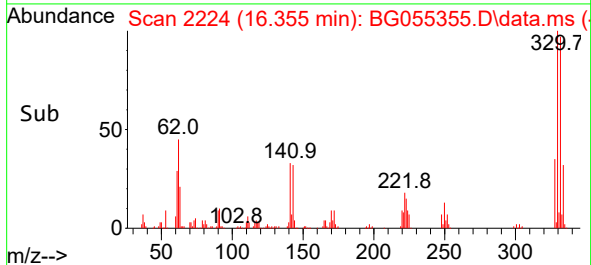
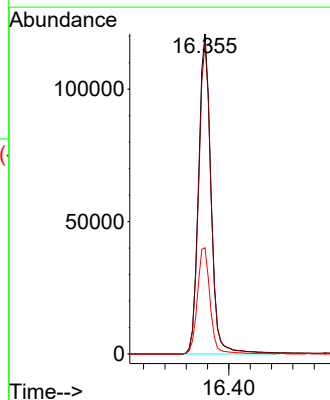
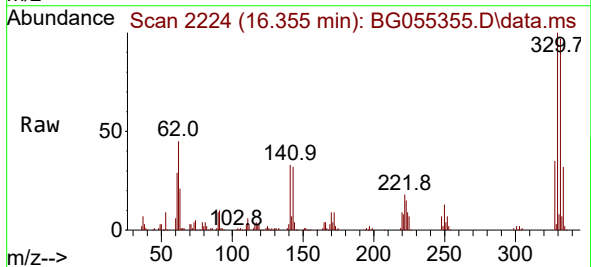
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ClientSampleId :
20221098-203-SITE-WATER

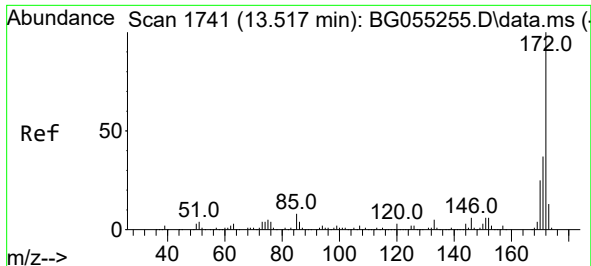
Tgt Ion:164 Resp: 94836
Ion Ratio Lower Upper
164 100
162 107.6 84.0 126.0
160 46.5 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 190.043 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

Tgt Ion:330 Resp: 195925
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 33.7 29.8 44.8

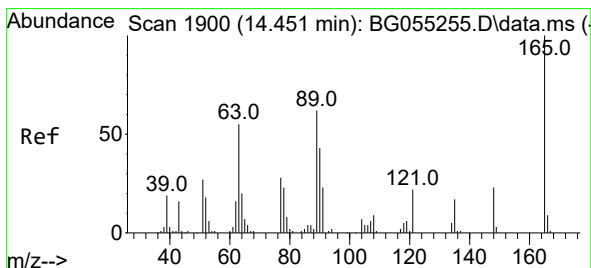
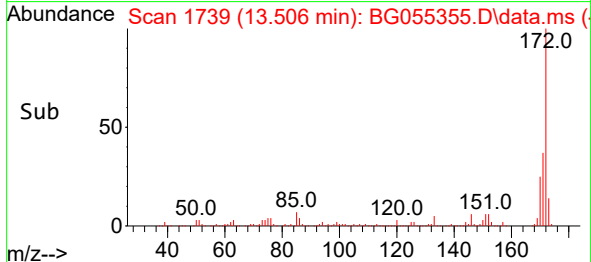
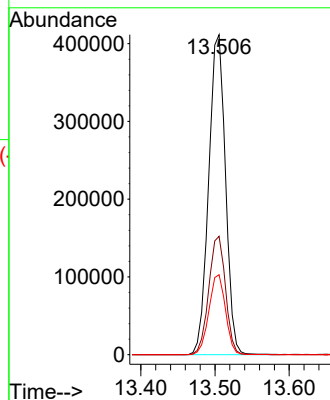
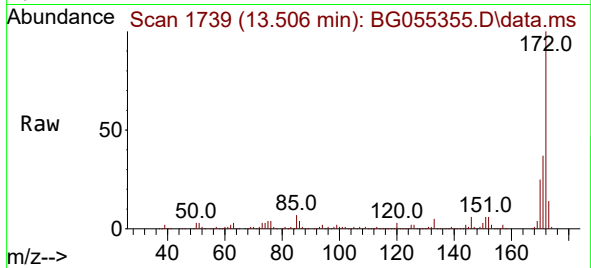




#45
2-Fluorobiphenyl
Concen: 111.730 ng
RT: 13.506 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

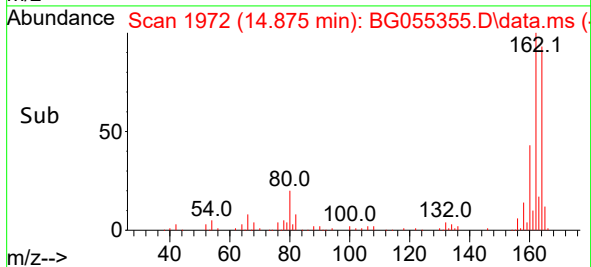
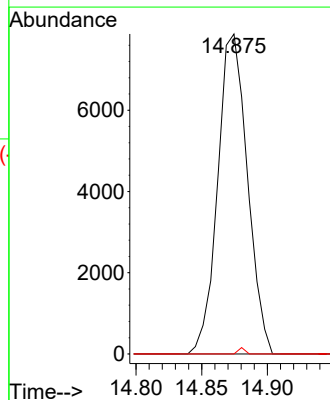
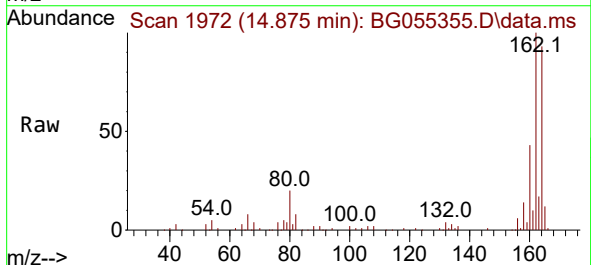
Instrument :
BNA_G
ClientSampleId :
20221098-203-SITE-WATER

Tgt Ion:172 Resp: 647380
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.193 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

Tgt Ion:165 Resp: 12413
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: 5.645 ng

RT: 14.875 min Scan# 14

Delta R.T. -0.359 min

Lab File: BG055355.D

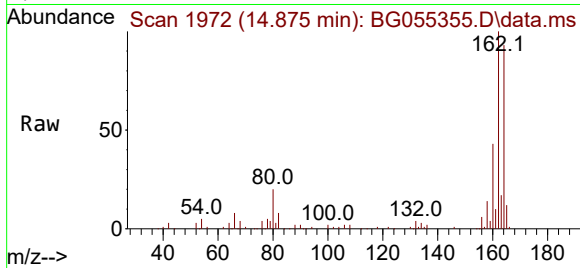
Acq: 29 Oct 2022 00:09

Instrument :

BNA_G

ClientSampleId :

20221098-203-SITE-WATER



Tgt Ion:165 Resp: 12413

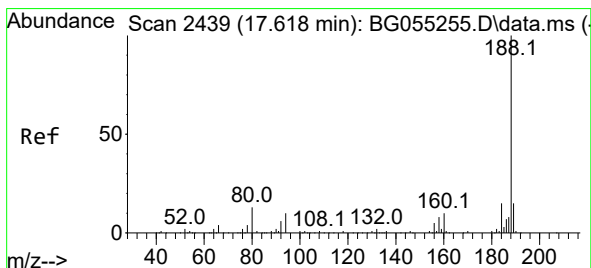
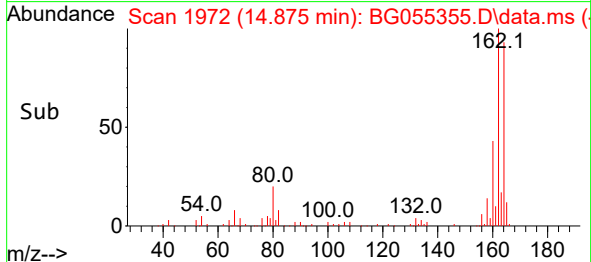
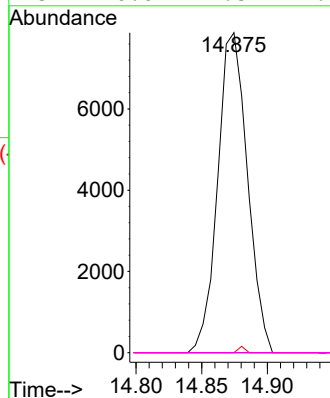
Ion Ratio Lower Upper

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: BG055355.D

Acq: 29 Oct 2022 00:09

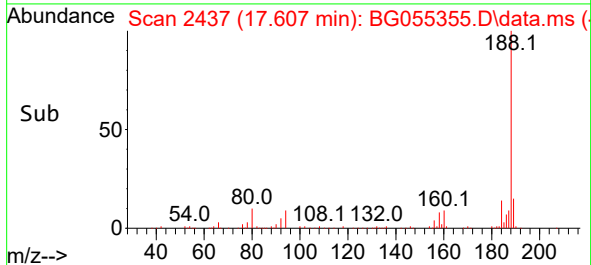
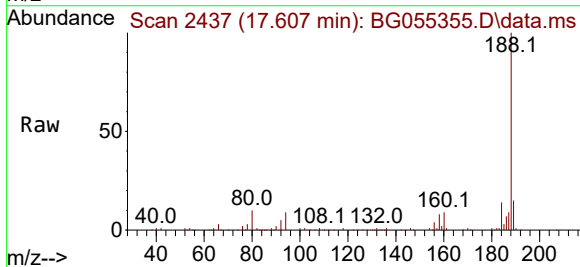
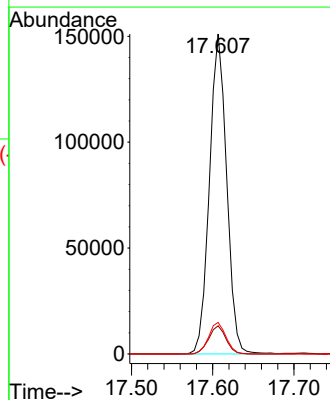
Tgt Ion:188 Resp: 221942

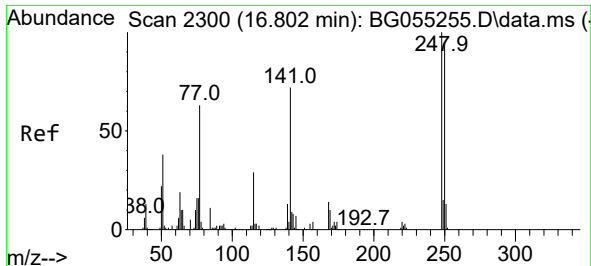
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.4

80 9.9 10.1 15.1#

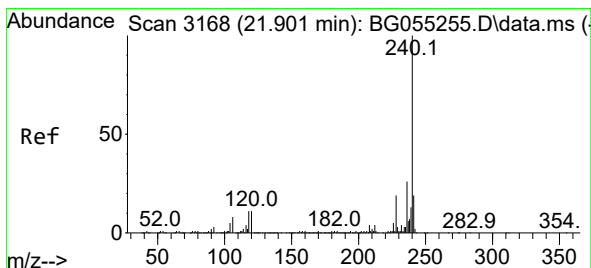
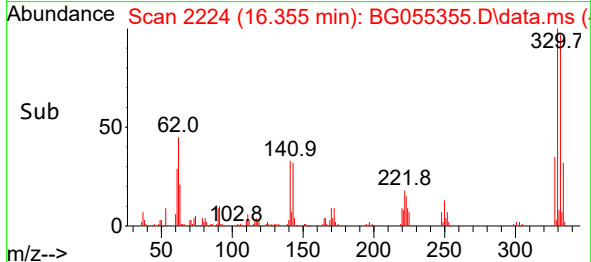
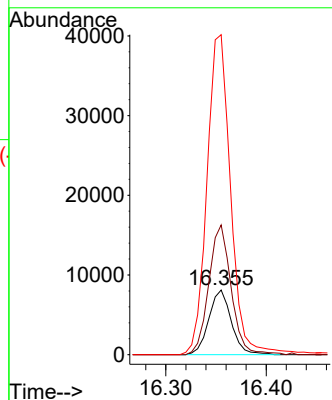
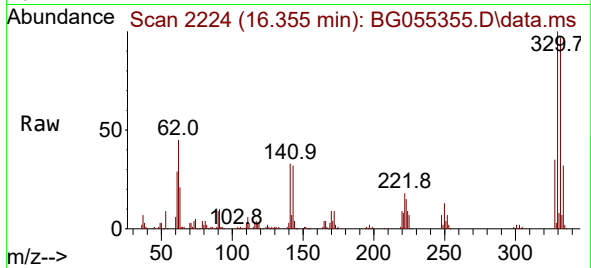




#67
4-Bromophenyl-phenylether
Concen: 5.851 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

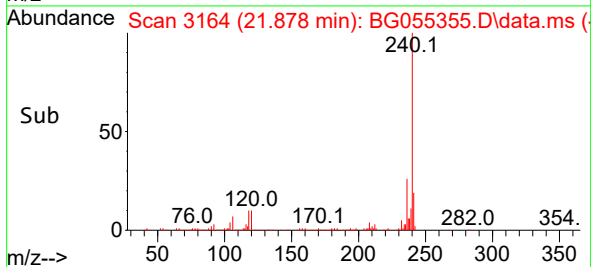
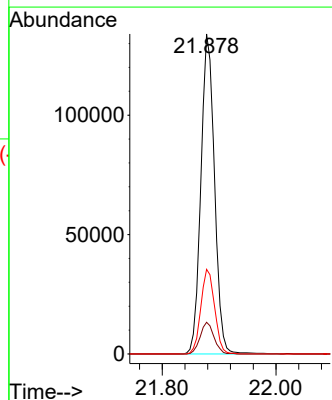
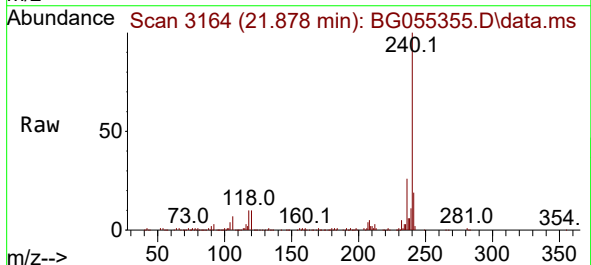
Instrument :
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20221098-203-SITE-WATER

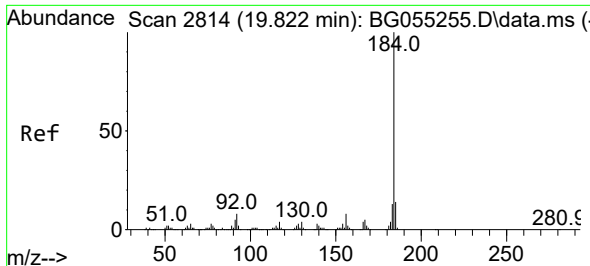
Tgt Ion:248 Resp: 12617
Ion Ratio Lower Upper
248 100
250 200.6 76.0 114.0#
141 494.9 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

Tgt Ion:240 Resp: 222886
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 26.4 21.0 31.4

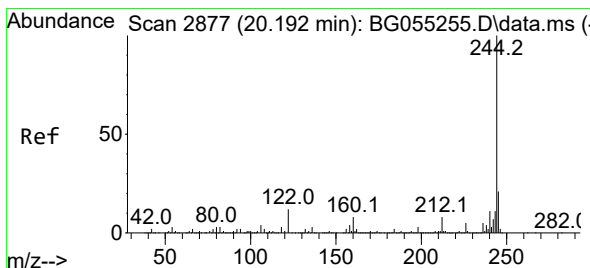
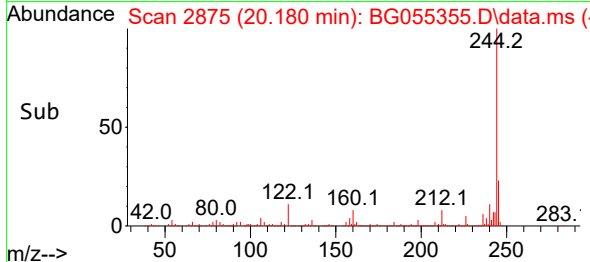
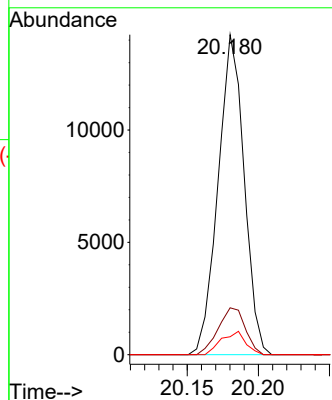
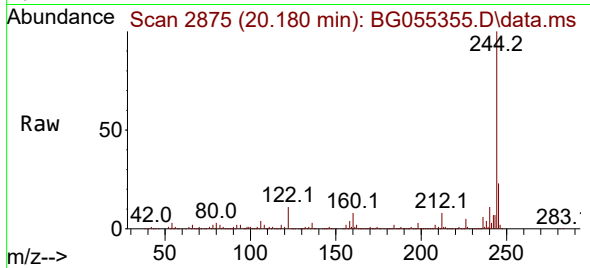




#77
Benzidine
Concen: 3.358 ng
RT: 20.180 min Scan# 2875
Delta R.T. 0.364 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

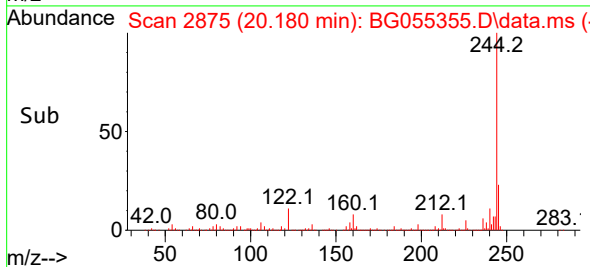
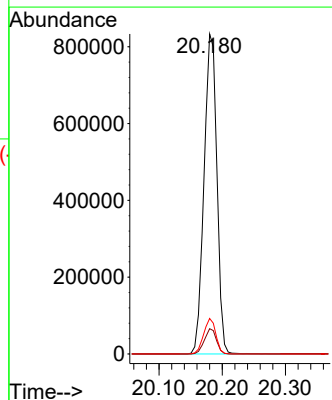
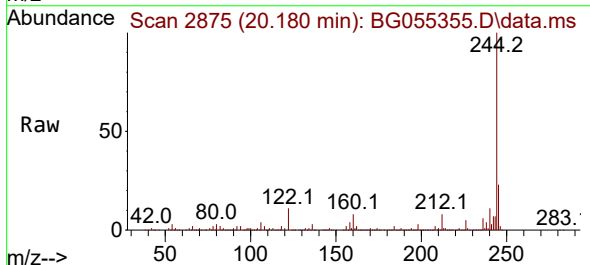
Instrument :
BNA_G
ClientSampleId :
20221098-203-SITE-WATER

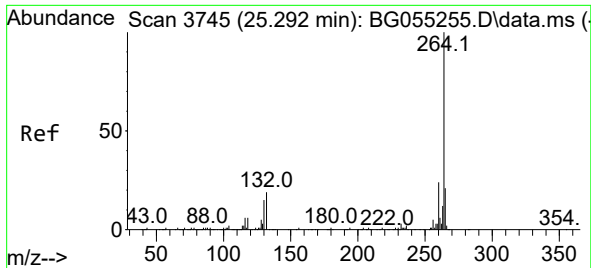
Tgt Ion:184 Resp: 18122
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 5.6 10.0 15.0#



#79
Terphenyl-d14
Concen: 109.928 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055355.D
Acq: 29 Oct 2022 00:09

Tgt Ion:244 Resp: 1179265
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.1 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: BG055355.D
Acq: 29 Oct 2022 00:09

Instrument :
BNA_G
ClientSampleId :
20221098-203-SITE-WATER

Tgt Ion:264 Resp: 230213

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.1	17.4	26.2

