

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055353.D
 Acq On : 28 Oct 2022 22:47
 Operator : CG/JU
 Sample : N5226-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221096-201-SITE-WATER

Quant Time: Oct 29 04:56:38 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)

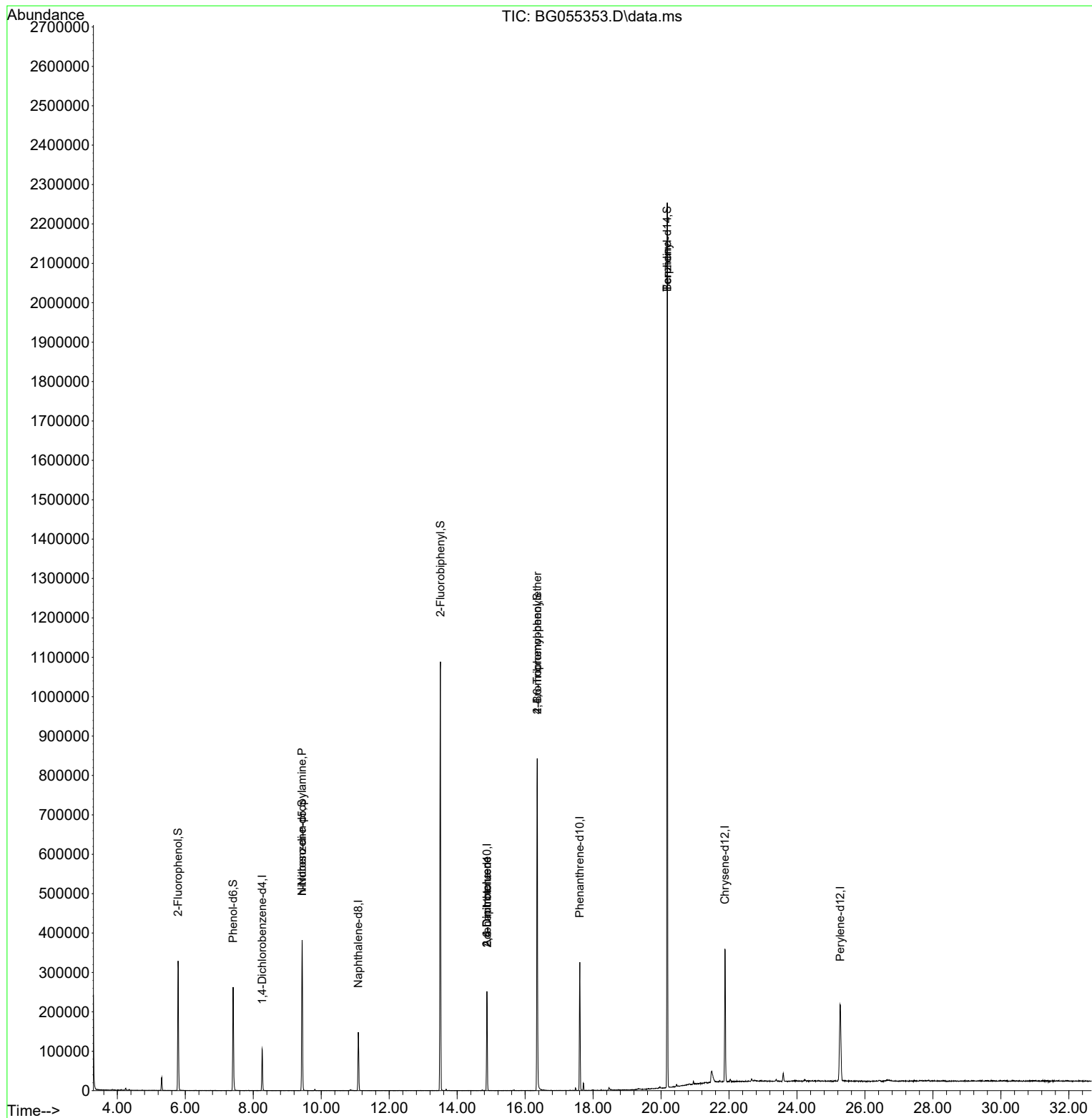
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	31839	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	130397	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	90097	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	211820	20.000	ng	0.00
76) Chrysene-d12	21.878	240	213702	20.000	ng	-0.01
86) Perylene-d12	25.274	264	220046	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	152280	83.746	ng	0.00
7) Phenol-d6	7.407	99	163263	61.974	ng	0.00
23) Nitrobenzene-d5	9.434	82	248048	97.135	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	178901	182.658	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	577707	104.950	ng	0.00
79) Terphenyl-d14	20.180	244	1090690	106.041	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	32309	14.769	ng	# 78
51) 2,6-Dinitrotoluene	14.875	165	11512	7.998	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	11512	5.511	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	11355	5.518	ng	# 1
77) Benzidine	20.180	184	16290	3.148	ng	# 91

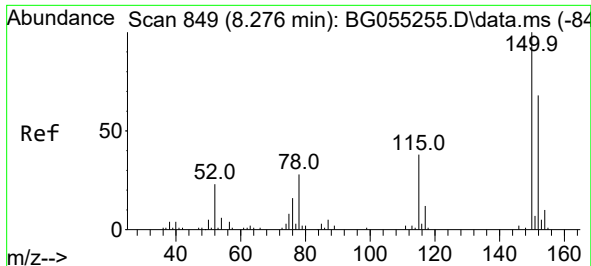
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
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Misc :
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Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

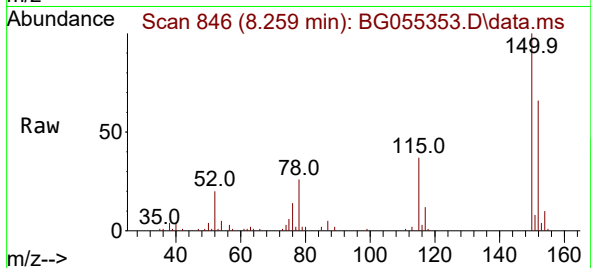
Quant Time: Oct 29 04:56:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



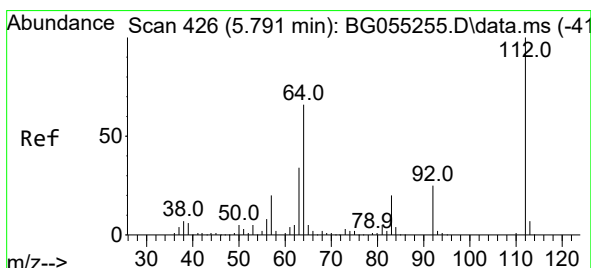
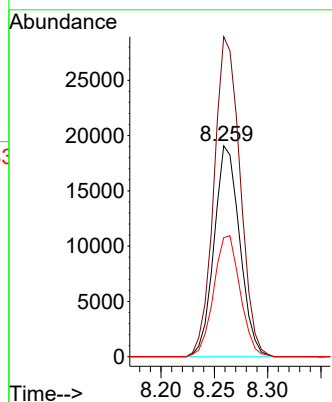
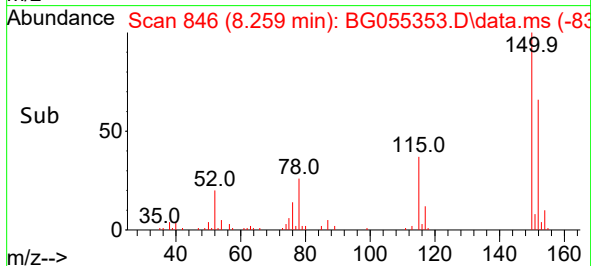


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

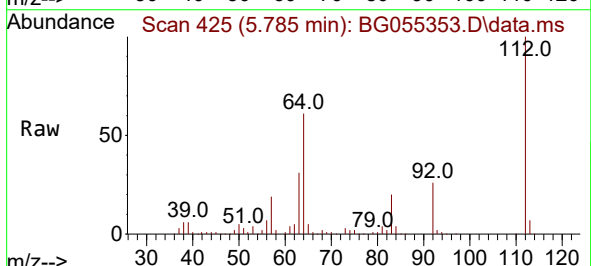
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER



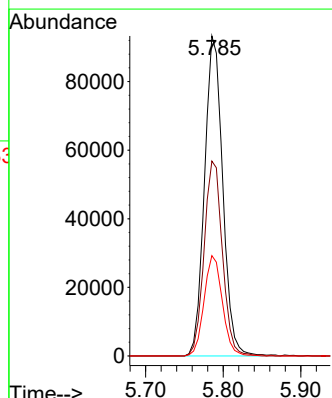
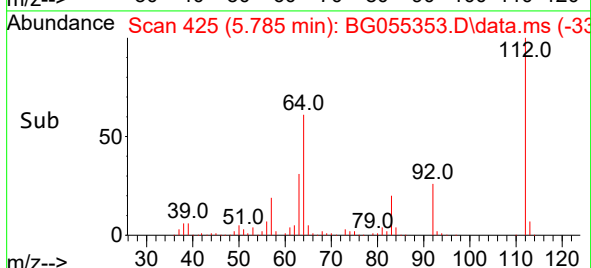
Tgt Ion:152 Resp: 31839
Ion Ratio Lower Upper
152 100
150 151.7 118.2 177.4
115 56.5 44.5 66.7



#5
2-Fluorophenol
Concen: 83.746 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47



Tgt Ion:112 Resp: 152280
Ion Ratio Lower Upper
112 100
64 60.9 52.6 78.8
63 31.3 27.1 40.7

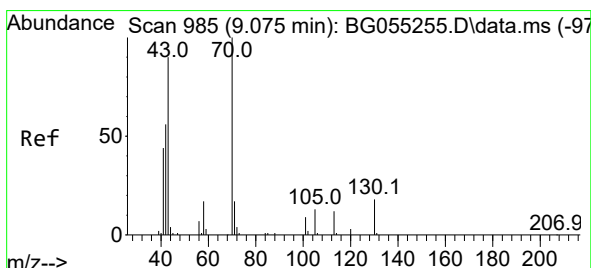
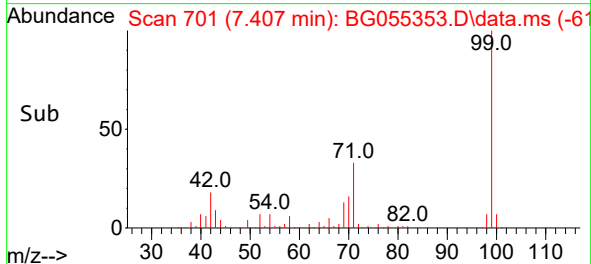
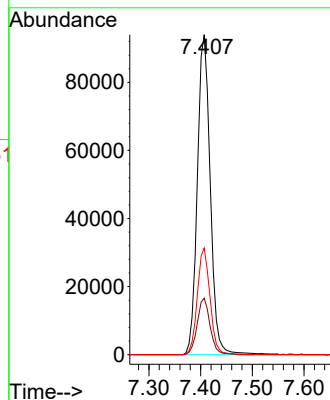
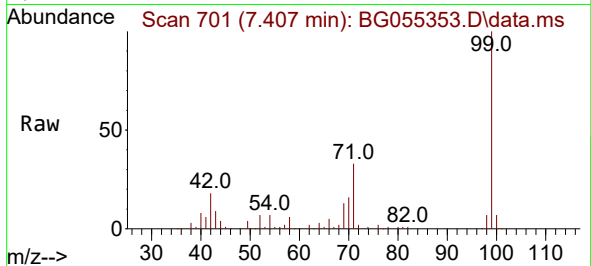




#7
Phenol-d6
Concen: 61.974 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

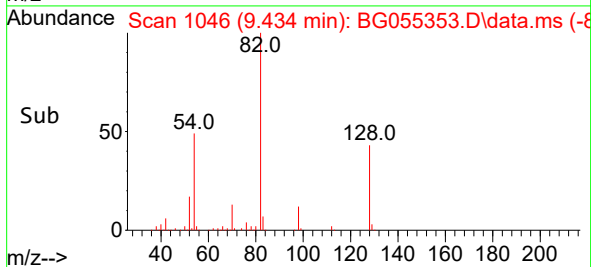
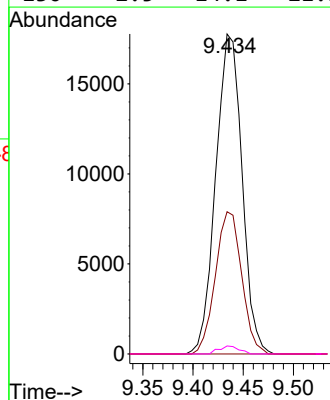
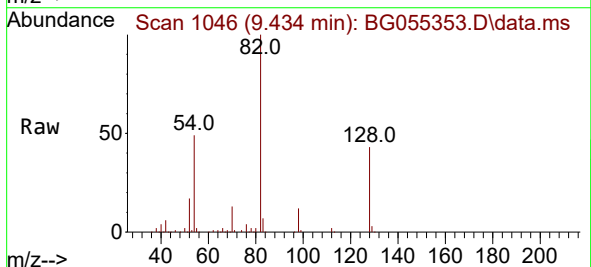
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

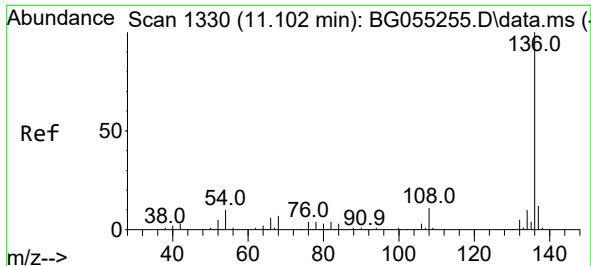
Tgt Ion: 99 Resp: 163263
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 33.4 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.769 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion: 70 Resp: 32309
Ion Ratio Lower Upper
70 100
42 44.5 45.8 68.6#
101 0.0 7.4 11.0#
130 2.5 14.1 21.1#

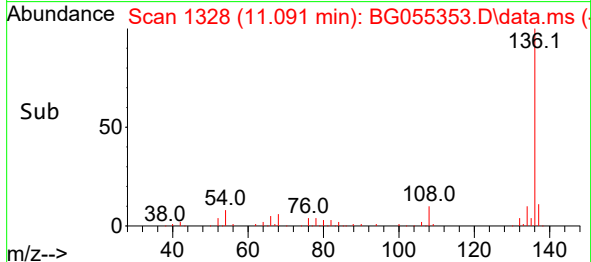
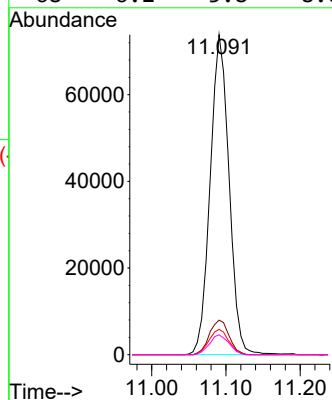
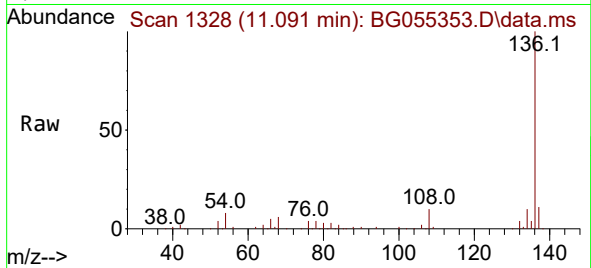




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

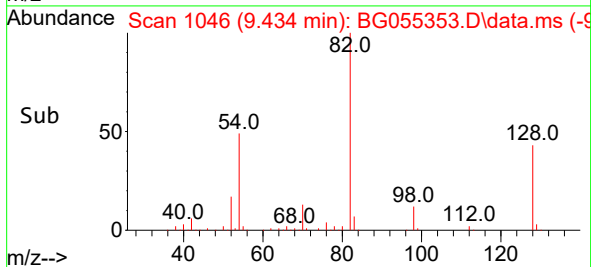
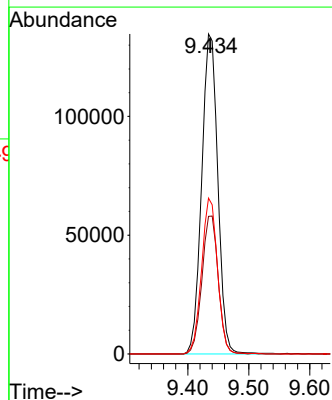
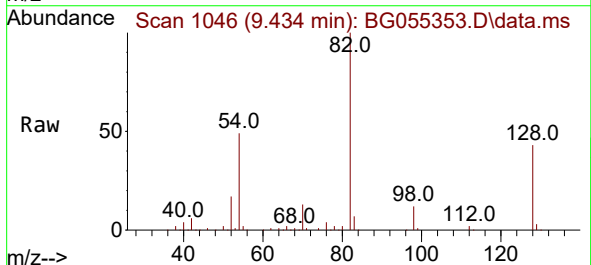
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

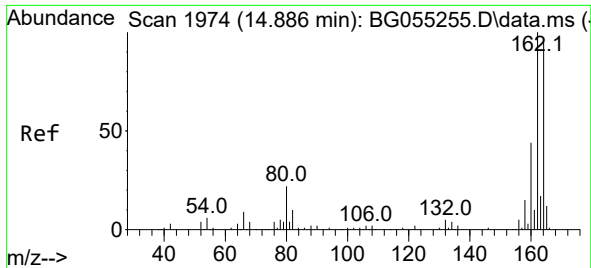
Tgt Ion:	136	Resp:	130397
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	7.9	7.8	11.8
68	6.2	5.8	8.6



#23
Nitrobenzene-d5
Concen: 97.135 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion:	82	Resp:	248048
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.0	48.0
54	48.7	40.9	61.3

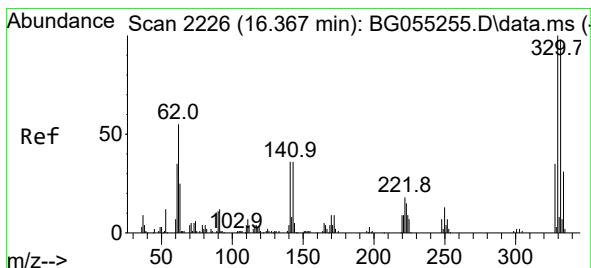
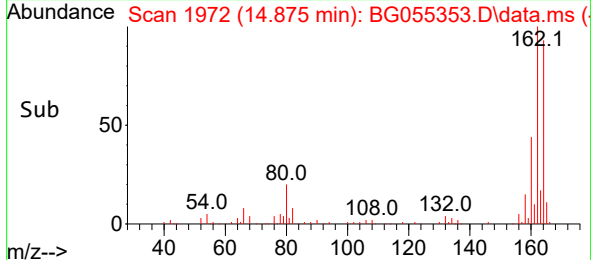
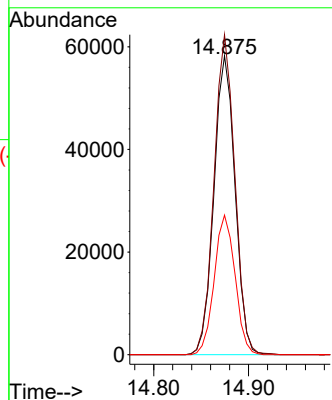
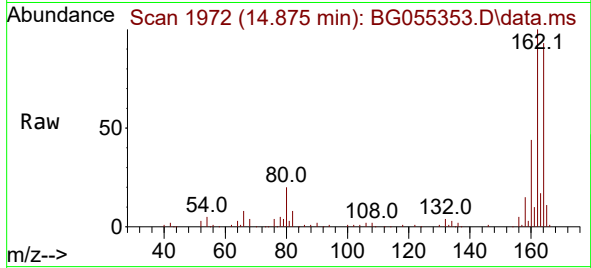




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

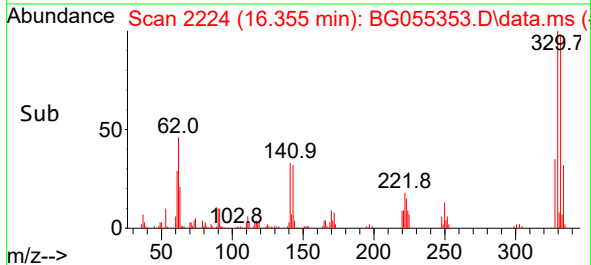
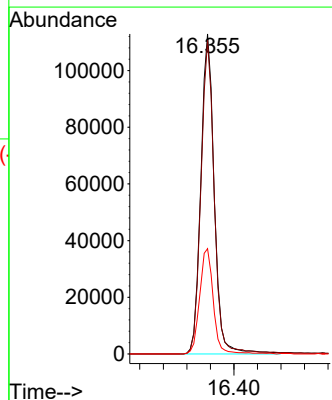
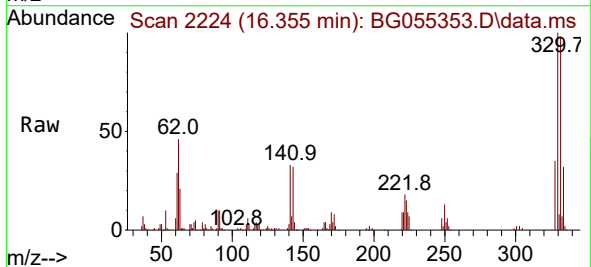
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

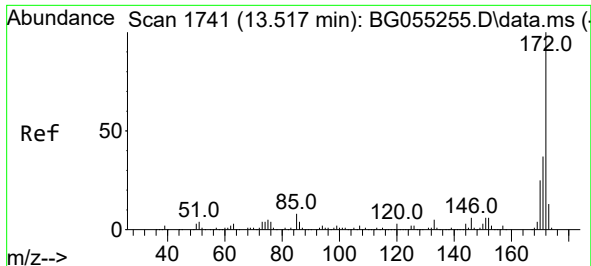
Tgt Ion:164 Resp: 90097
Ion Ratio Lower Upper
164 100
162 107.1 84.0 126.0
160 46.7 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 182.658 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion:330 Resp: 178901
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 33.5 29.8 44.8

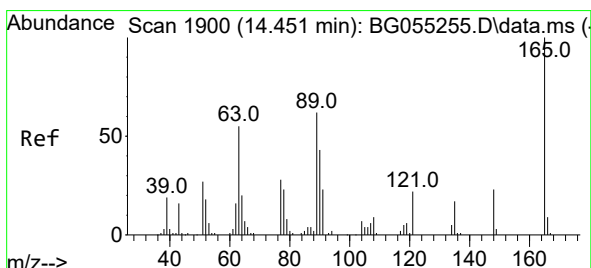
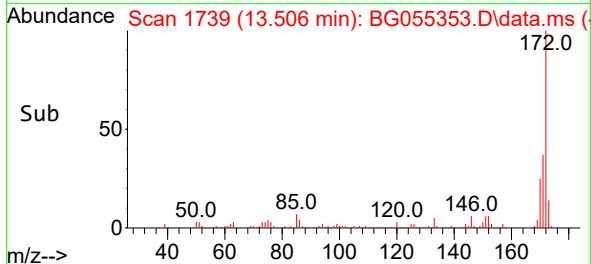
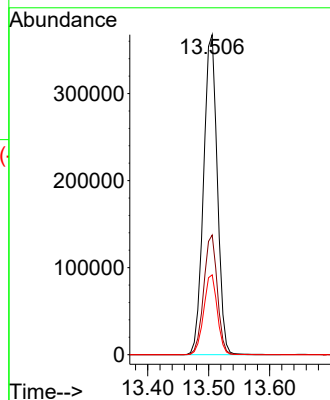
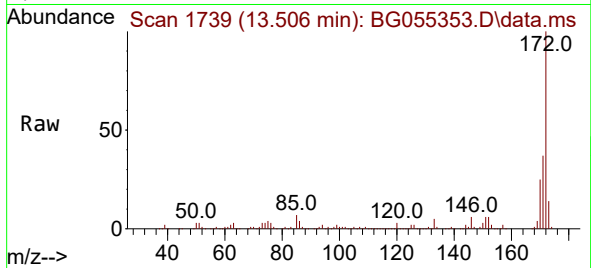




#45
2-Fluorobiphenyl
Concen: 104.950 ng
RT: 13.506 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

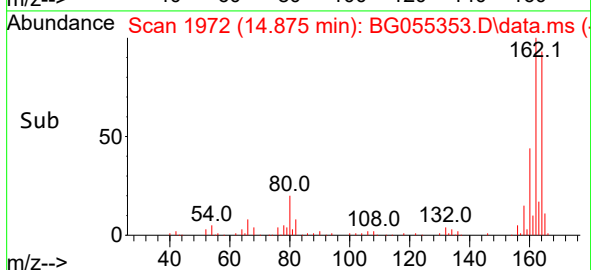
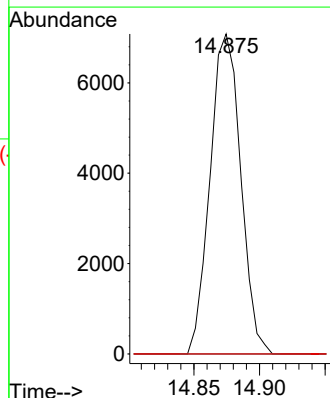
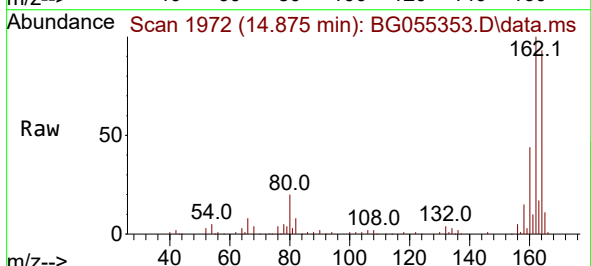
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

Tgt Ion:172 Resp: 577707
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.998 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion:165 Resp: 11512
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: 5.511 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055353.D

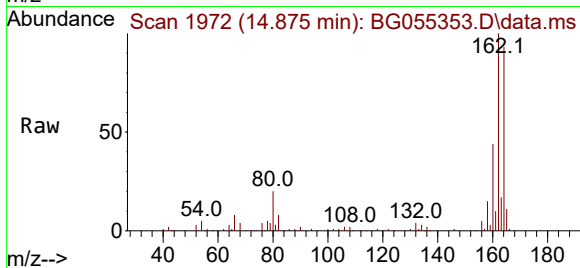
Acq: 28 Oct 2022 22:47

Instrument :

BNA_G

ClientSampleId :

20221096-201-SITE-WATER



Tgt Ion:165 Resp: 11512

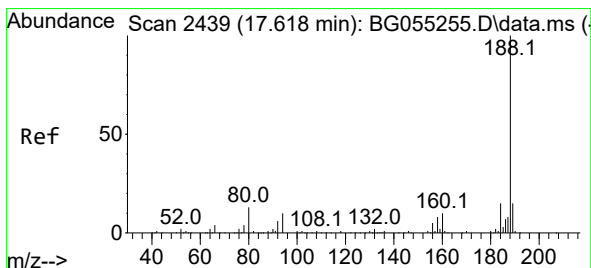
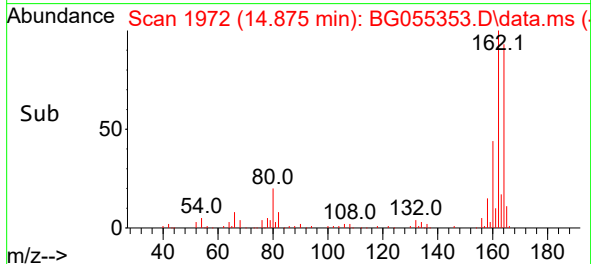
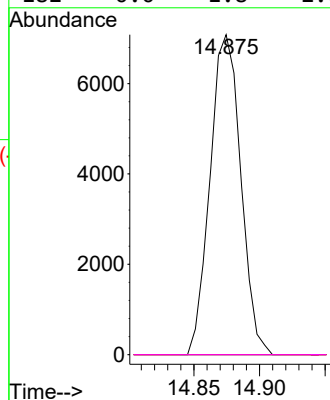
Ion Ratio Lower Upper

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: BG055353.D

Acq: 28 Oct 2022 22:47

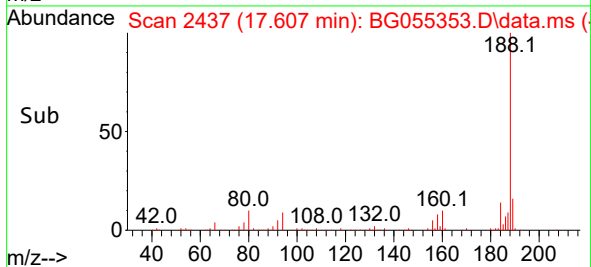
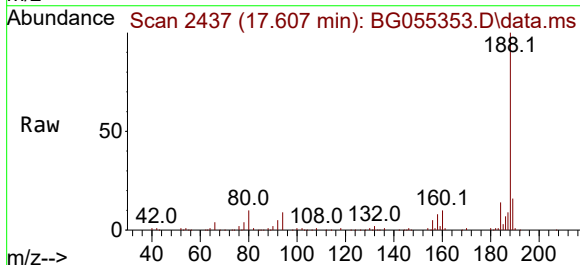
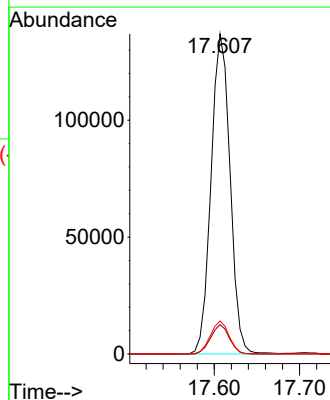
Tgt Ion:188 Resp: 211820

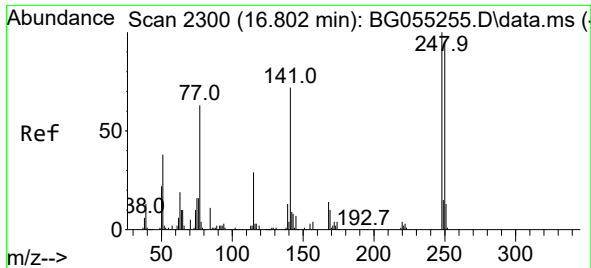
Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

80 10.3 10.1 15.1

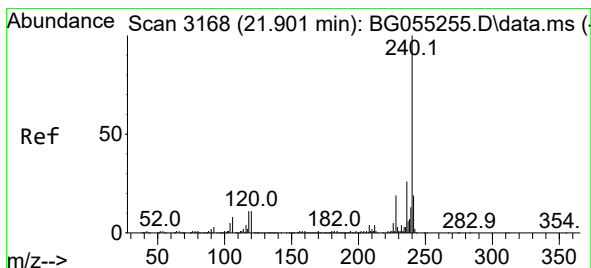
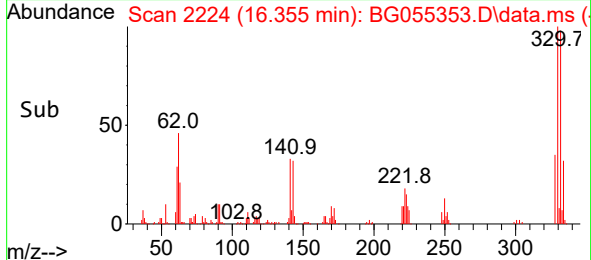
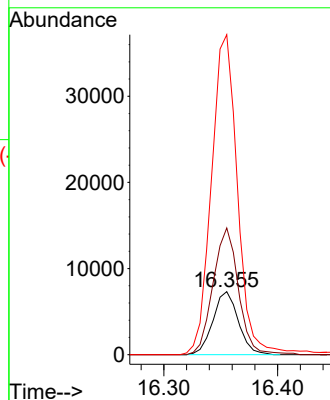
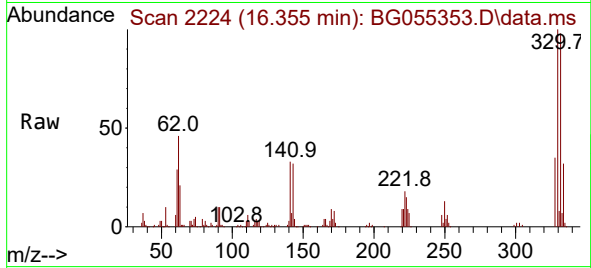




#67
4-Bromophenyl-phenylether
Concen: 5.518 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

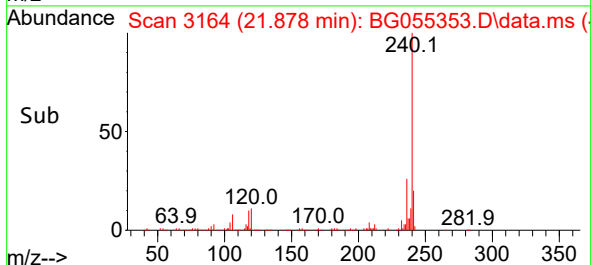
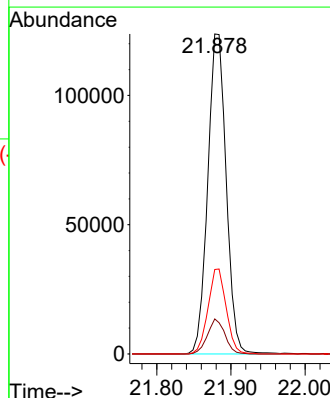
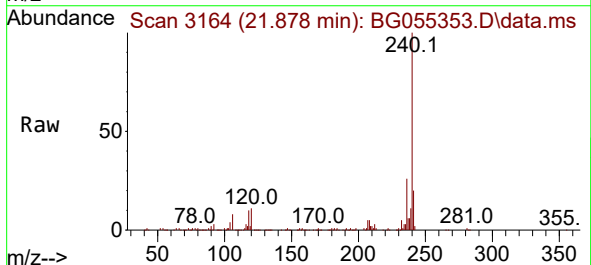
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

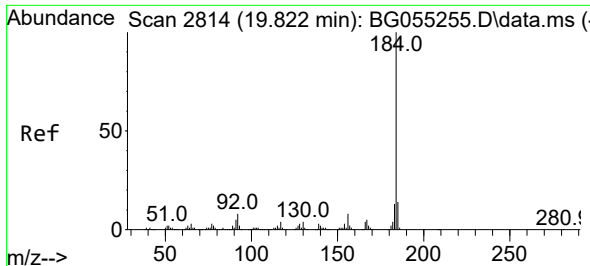
Tgt Ion:248 Resp: 11355
Ion Ratio Lower Upper
248 100
250 201.2 76.0 114.0#
141 507.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion:240 Resp: 213702
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.4 21.0 31.4

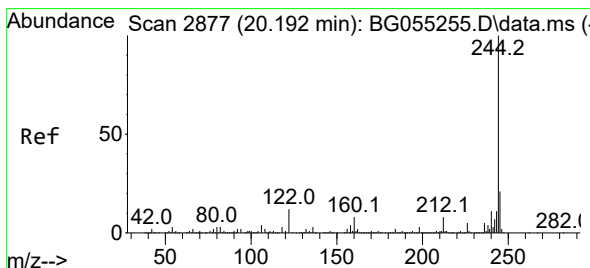
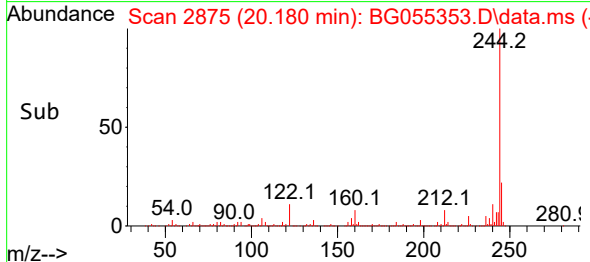
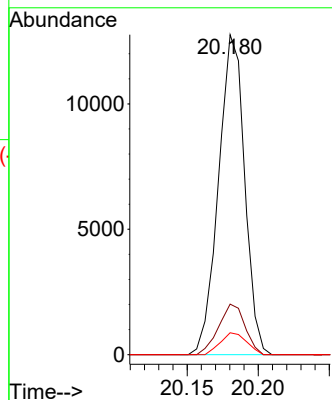
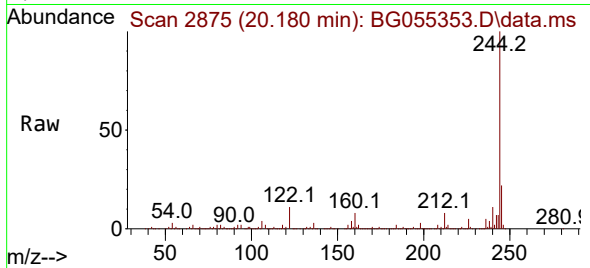




#77
Benzidine
Concen: 3.148 ng
RT: 20.180 min Scan# 21
Delta R.T. 0.364 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

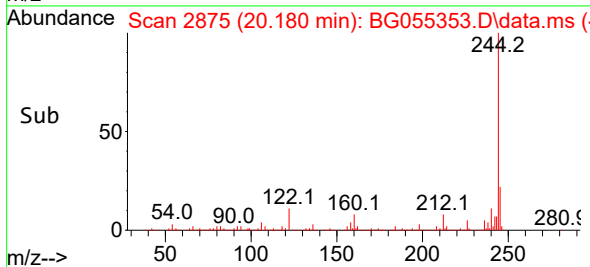
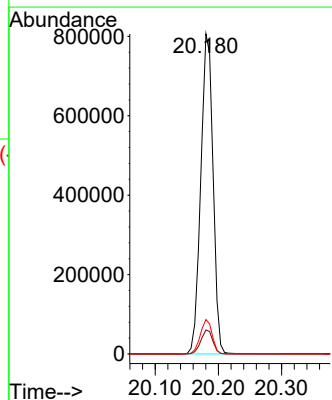
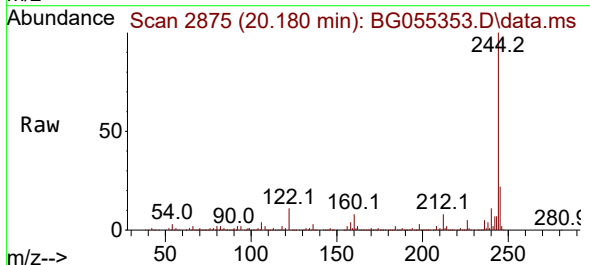
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

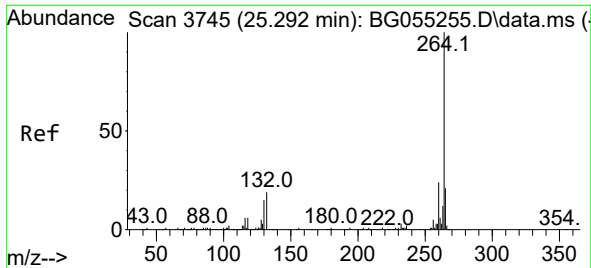
Tgt Ion:184 Resp: 16290
Ion Ratio Lower Upper
184 100
185 15.8 11.0 16.6
183 6.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 106.041 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion:244 Resp: 1090690
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.8 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: BG055353.D
 Acq: 28 Oct 2022 22:47

Instrument :
 BNA_G
 ClientSampleId :
 20221096-201-SITE-WATER

Tgt Ion:264 Resp: 220046
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 21.0 17.4 26.2

