

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055384.D
 Acq On : 31 Oct 2022 18:29
 Operator : CG/JU
 Sample : N5313-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-NW-QUARTER

Quant Time: Nov 01 06:50:02 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)

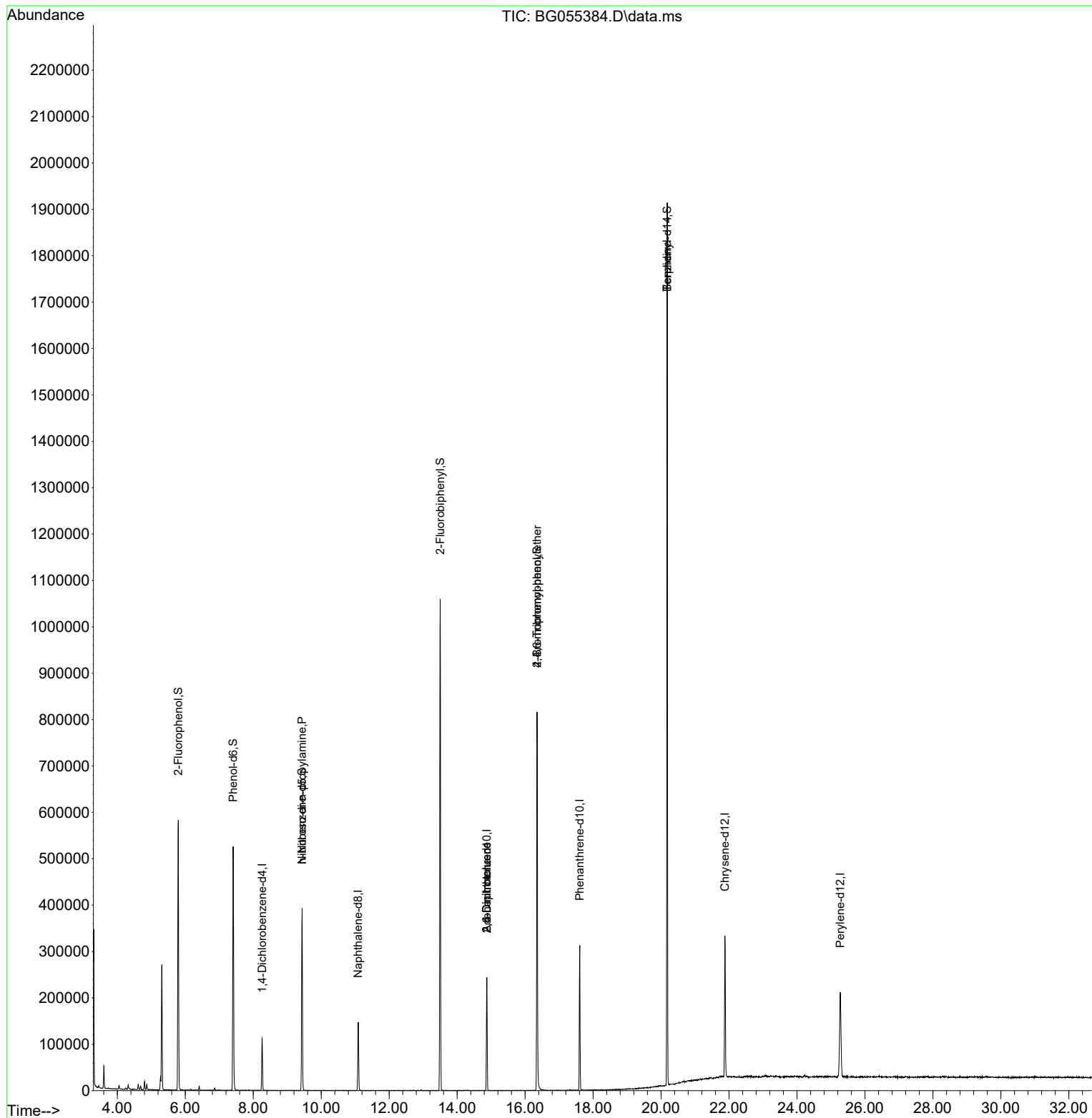
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	33031	20.000	ng	0.00
21) Naphthalene-d8	11.087	136	136285	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	90330	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	197520	20.000	ng	# 0.00
76) Chrysene-d12	21.881	240	193895	20.000	ng	0.00
86) Perylene-d12	25.277	264	206078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	276125	146.374	ng	0.00
7) Phenol-d6	7.409	99	333812	122.141	ng	0.00
23) Nitrobenzene-d5	9.436	82	243051	91.066	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	186054	189.471	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	577754	104.687	ng	0.00
79) Terphenyl-d14	20.183	244	965923	103.504	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.436	70	33238	14.645	ng	# 76
51) 2,6-Dinitrotoluene	14.871	165	11645	8.069	ng	# 19
57) 2,4-Dinitrotoluene	14.871	165	11645	5.560	ng	# 18
67) 4-Bromophenyl-phenylether	16.352	248	11319	5.898	ng	# 1
77) Benzidine	20.183	184	13844	2.949	ng	# 90

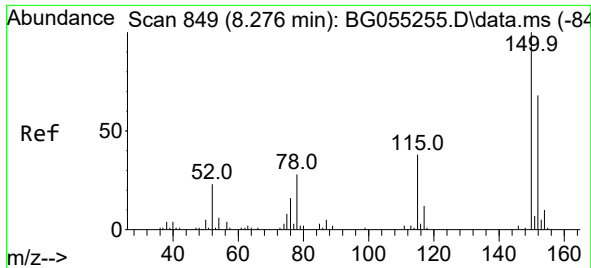
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
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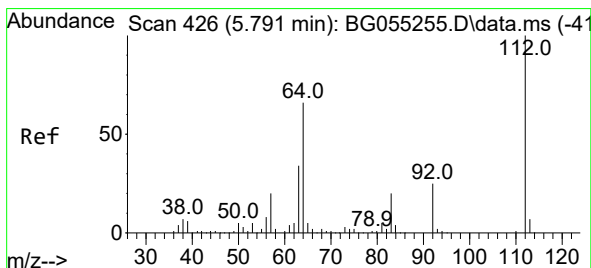
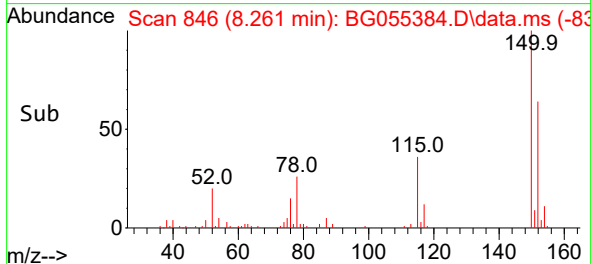
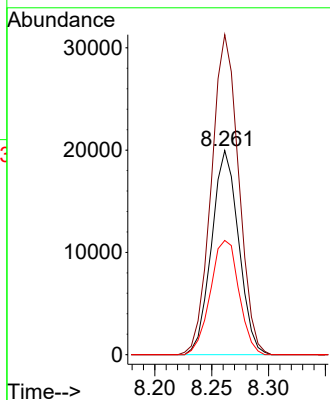
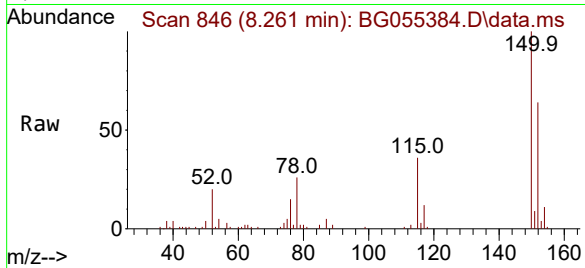




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

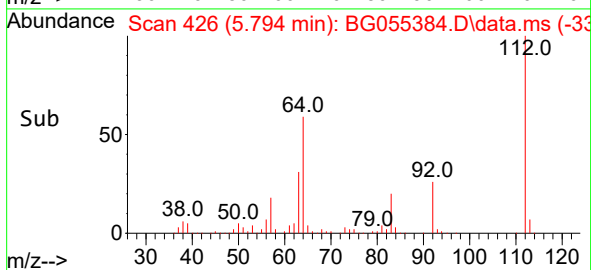
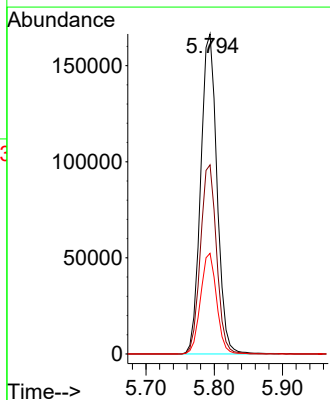
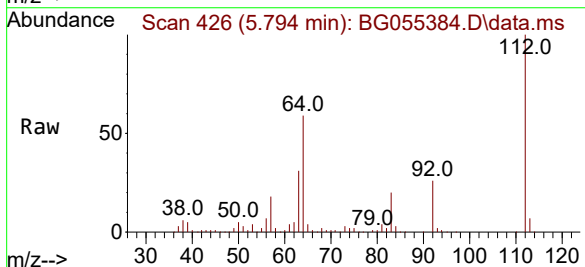
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

Tgt Ion:152 Resp: 33031
Ion Ratio Lower Upper
152 100
150 156.7 118.2 177.4
115 55.9 44.5 66.7



#5
2-Fluorophenol
Concen: 146.374 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.008 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

Tgt Ion:112 Resp: 276125
Ion Ratio Lower Upper
112 100
64 59.1 52.6 78.8
63 31.5 27.1 40.7

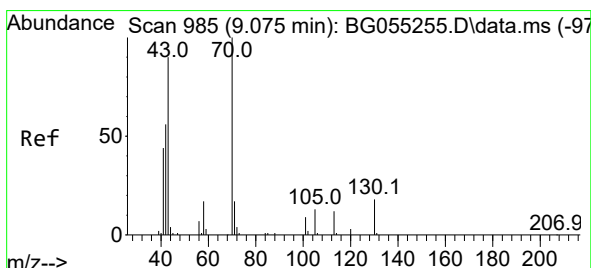
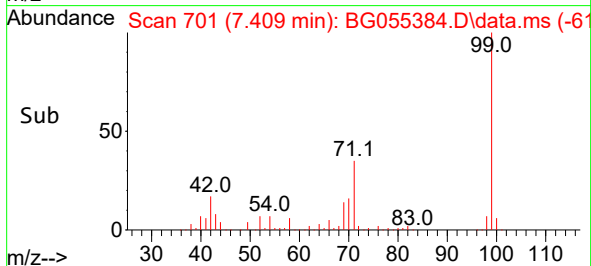
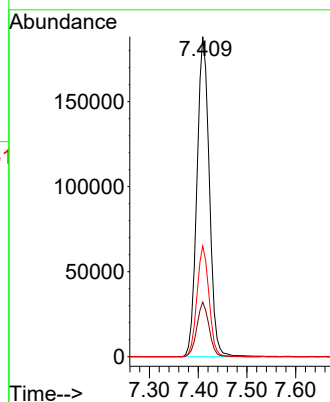
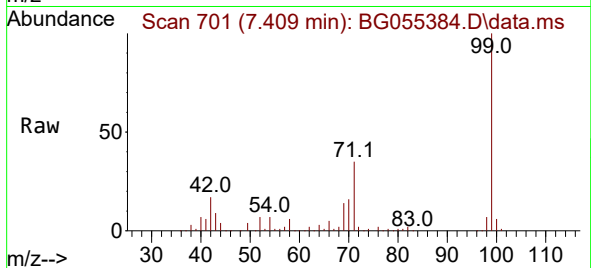




#7
Phenol-d6
Concen: 122.141 ng
RT: 7.409 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

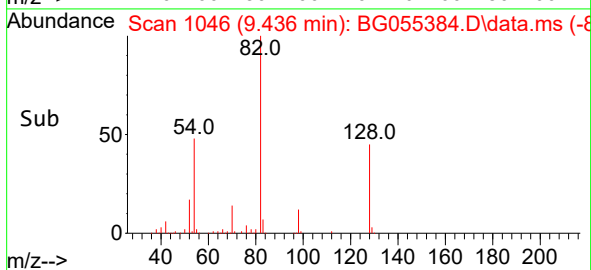
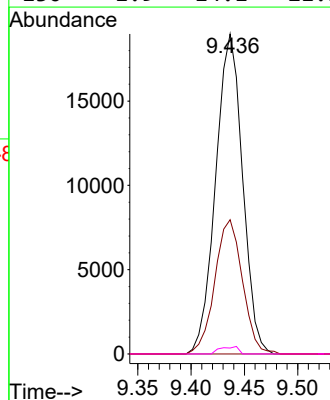
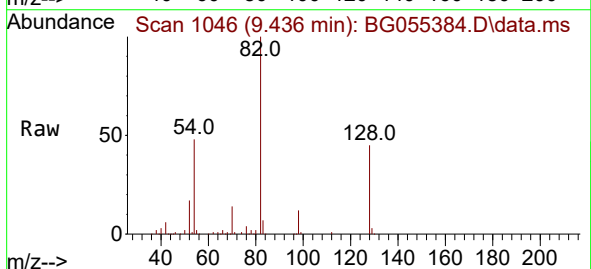
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

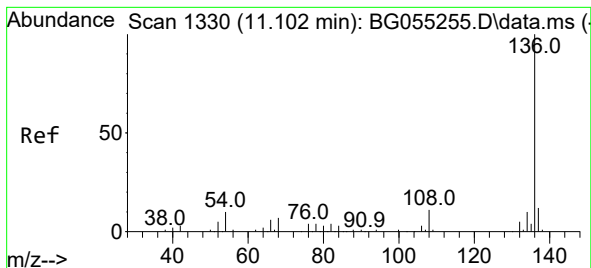
Tgt Ion: 99 Resp: 333812
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 34.6 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.645 ng
RT: 9.436 min Scan# 1046
Delta R.T. 0.367 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

Tgt Ion: 70 Resp: 33238
Ion Ratio Lower Upper
70 100
42 42.0 45.8 68.6#
101 0.0 7.4 11.0#
130 1.9 14.1 21.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.087 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG055384.D

Acq: 31 Oct 2022 18:29

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-NW-QUARTER

Tgt Ion:136 Resp: 136285

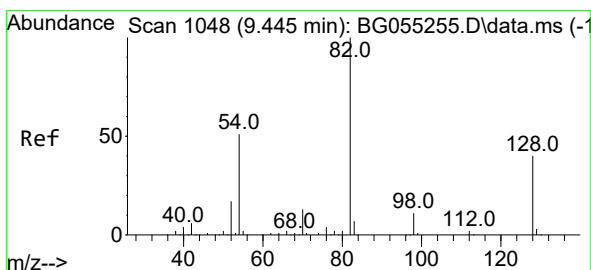
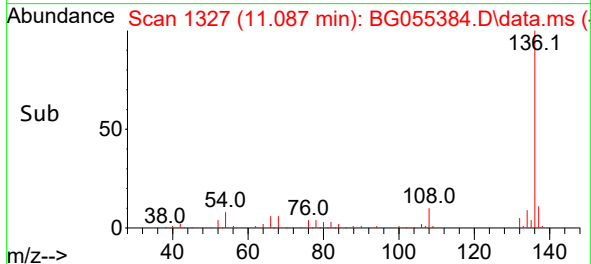
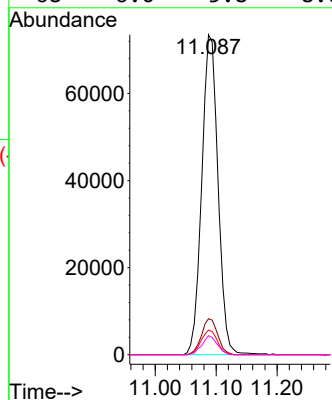
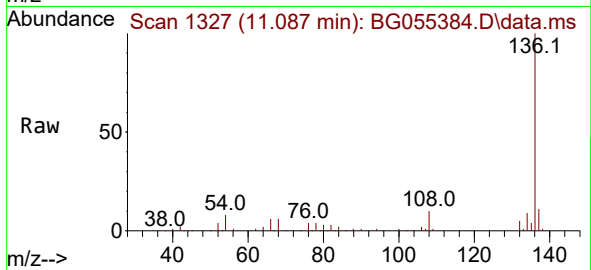
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.7 7.8 11.8#

68 6.0 5.8 8.6



#23

Nitrobenzene-d5

Concen: 91.066 ng

RT: 9.436 min Scan# 1046

Delta R.T. -0.003 min

Lab File: BG055384.D

Acq: 31 Oct 2022 18:29

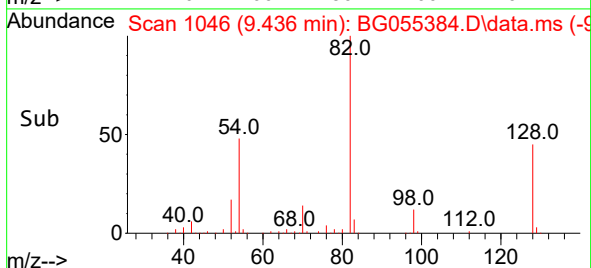
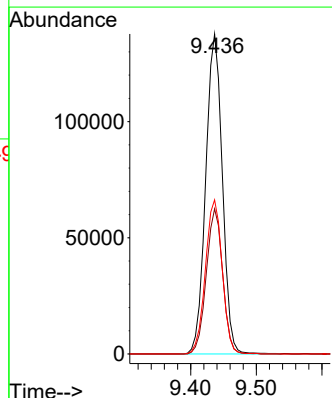
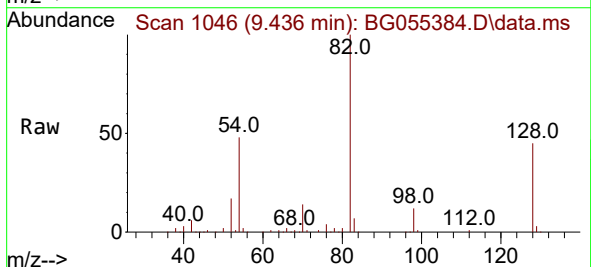
Tgt Ion: 82 Resp: 243051

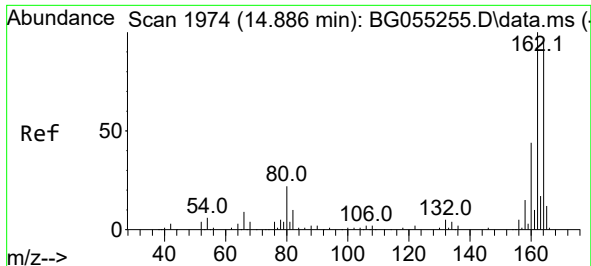
Ion Ratio Lower Upper

82 100

128 45.4 32.0 48.0

54 48.1 40.9 61.3

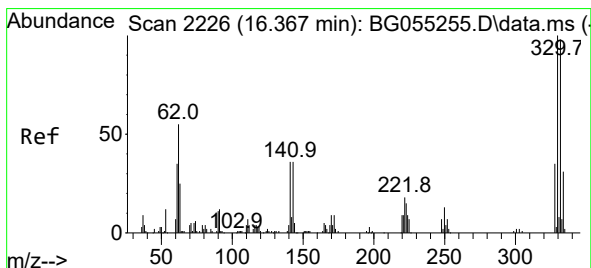
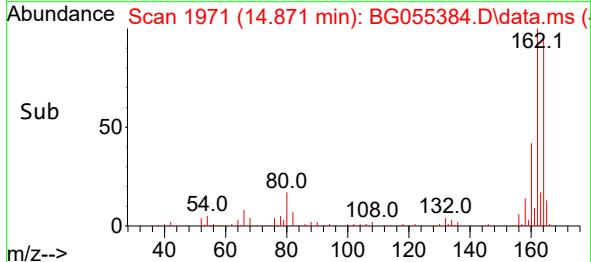
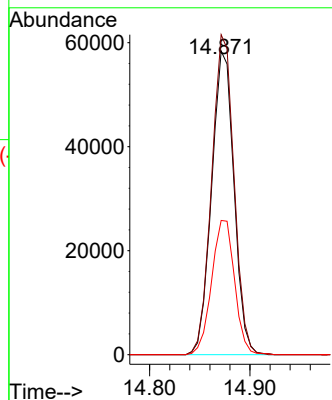
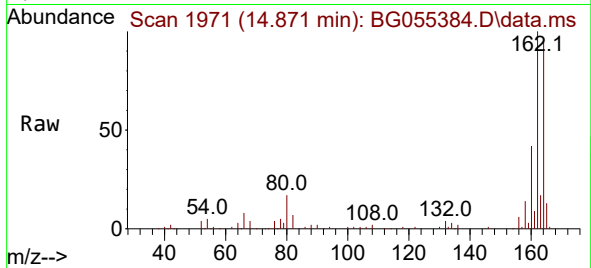




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

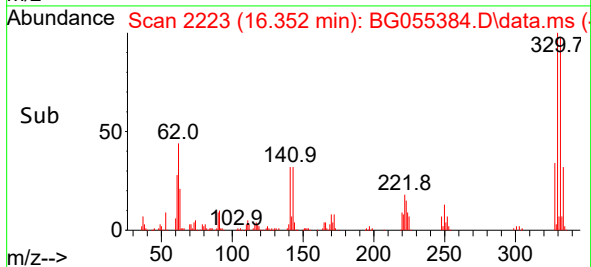
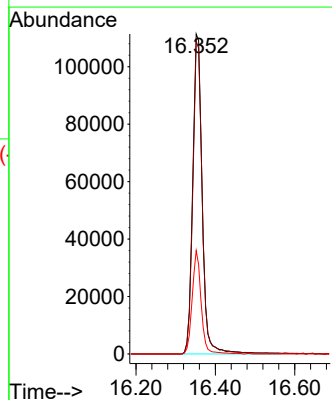
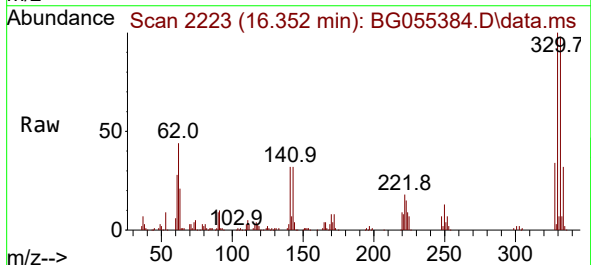
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

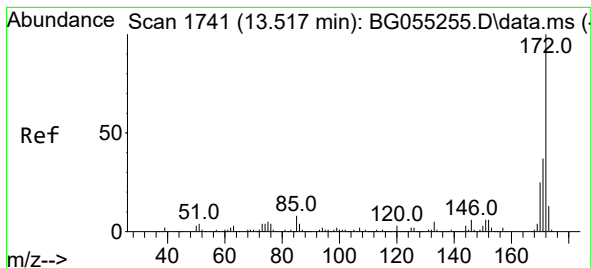
Tgt Ion:164 Resp: 90330
Ion Ratio Lower Upper
164 100
162 105.4 84.0 126.0
160 44.2 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 189.471 ng
RT: 16.352 min Scan# 2223
Delta R.T. -0.009 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

Tgt Ion:330 Resp: 186054
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 30.3 29.8 44.8





#45

2-Fluorobiphenyl

Concen: 104.687 ng

RT: 13.502 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG055384.D

Acq: 31 Oct 2022 18:29

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-NW-QUARTER

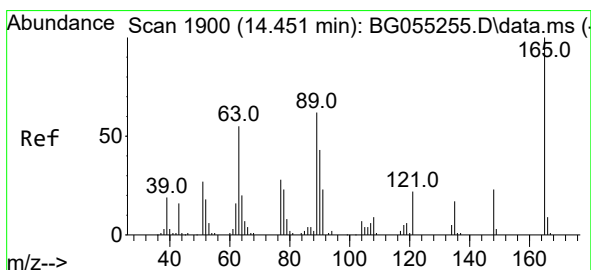
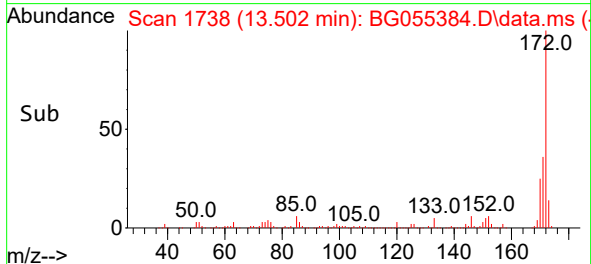
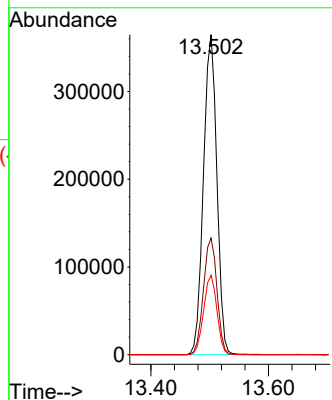
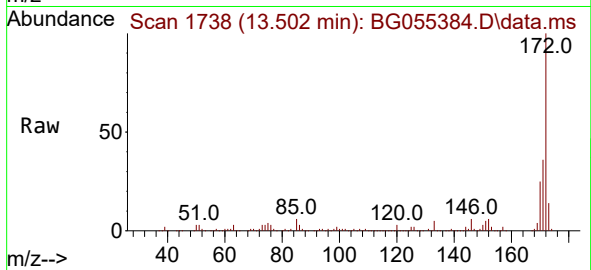
Tgt Ion:172 Resp: 577754

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

170 24.8 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 8.069 ng

RT: 14.871 min Scan# 1971

Delta R.T. 0.420 min

Lab File: BG055384.D

Acq: 31 Oct 2022 18:29

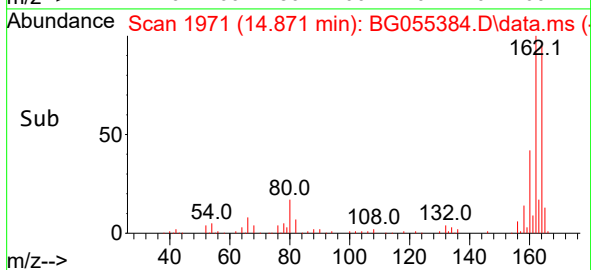
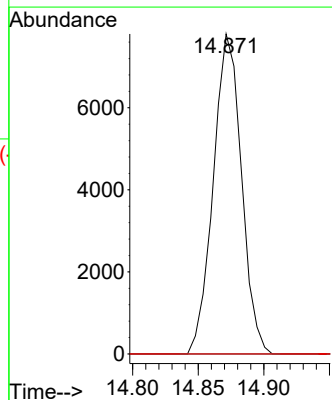
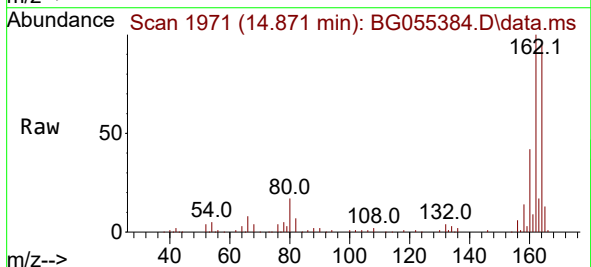
Tgt Ion:165 Resp: 11645

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: 5.560 ng

RT: 14.871 min Scan# 1971

Delta R.T. -0.362 min

Lab File: BG055384.D

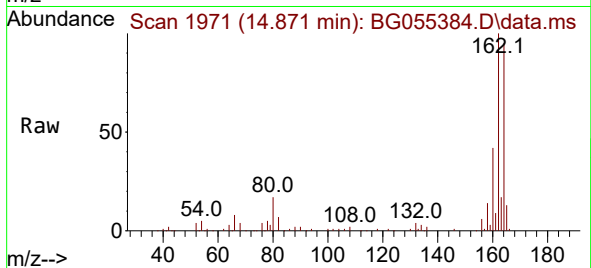
Acq: 31 Oct 2022 18:29

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-NW-QUARTER



Tgt Ion:165 Resp: 11645

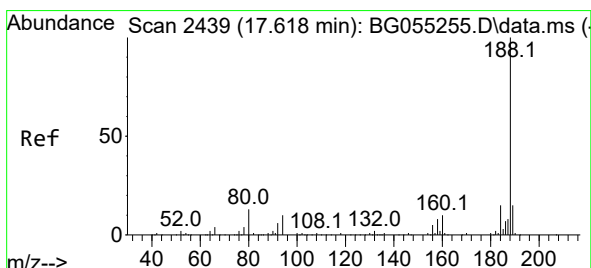
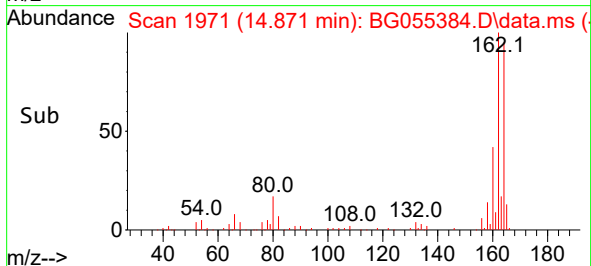
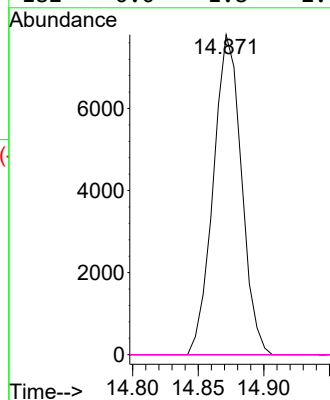
Ion Ratio Lower Upper

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: 17.609 min Scan# 2437

Delta R.T. -0.003 min

Lab File: BG055384.D

Acq: 31 Oct 2022 18:29

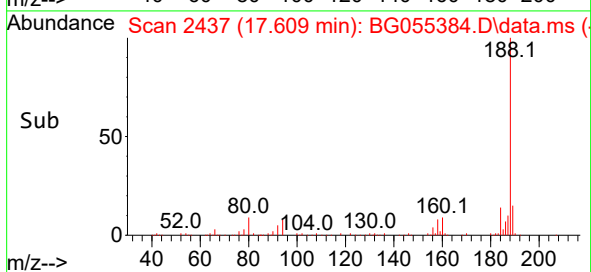
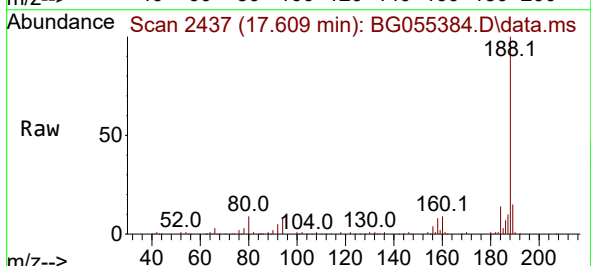
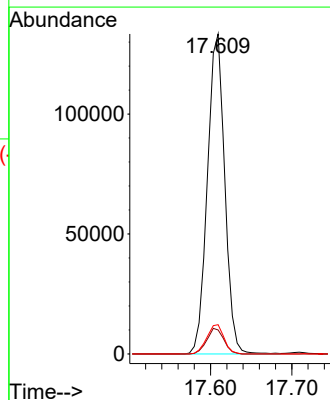
Tgt Ion:188 Resp: 197520

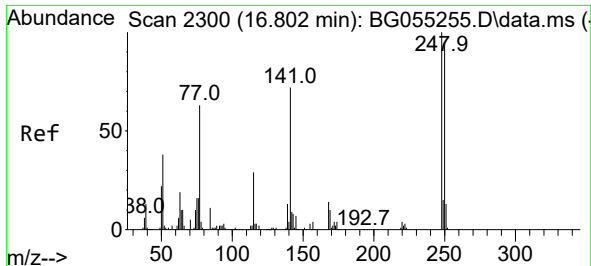
Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.4#

80 9.2 10.1 15.1#

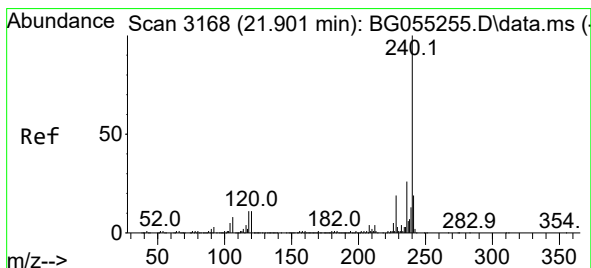
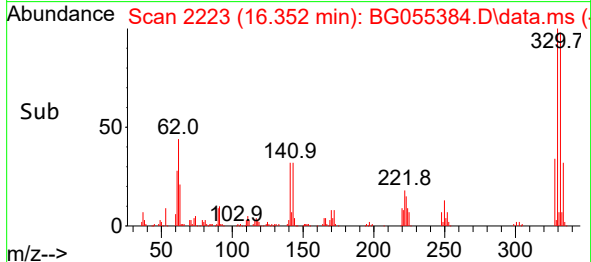
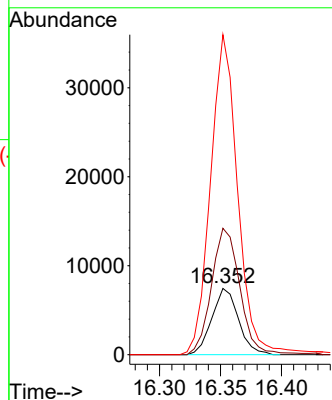
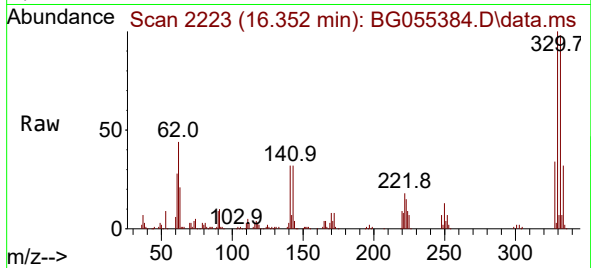




#67
4-Bromophenyl-phenylether
Concen: 5.898 ng
RT: 16.352 min Scan# 211
Delta R.T. -0.444 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

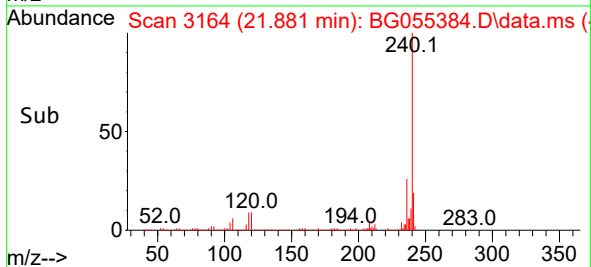
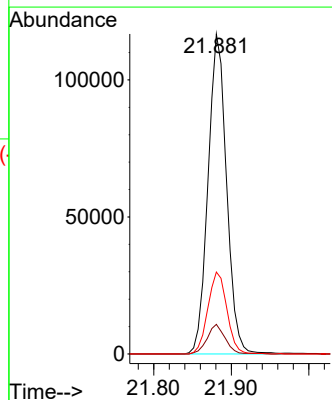
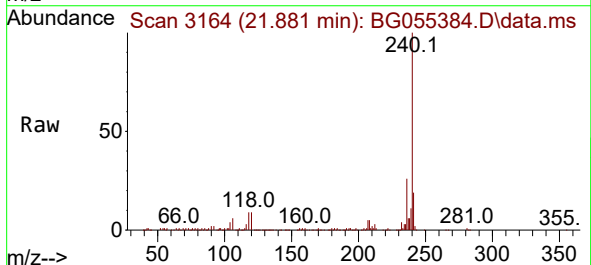
Instrument :
BNA_G
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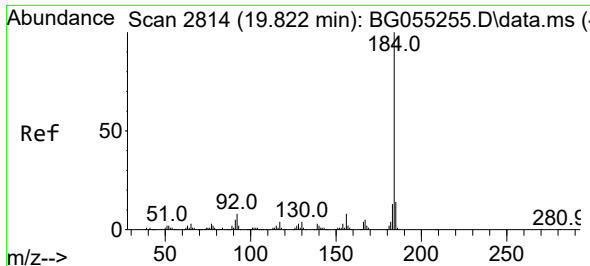
Tgt Ion:248 Resp: 11319
Ion Ratio Lower Upper
248 100
250 190.7 76.0 114.0#
141 482.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

Tgt Ion:240 Resp: 193895
Ion Ratio Lower Upper
240 100
120 9.2 8.9 13.3
236 25.6 21.0 31.4

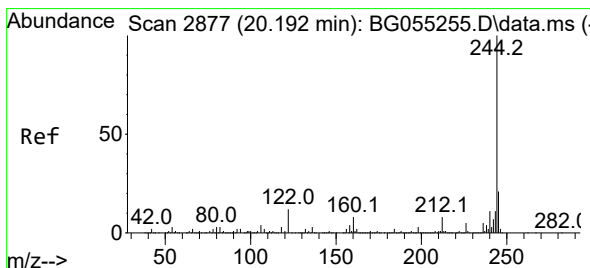
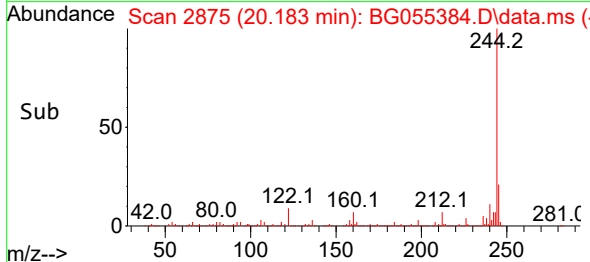
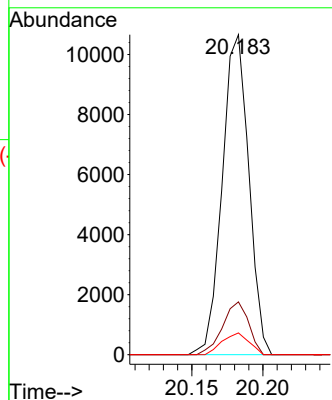
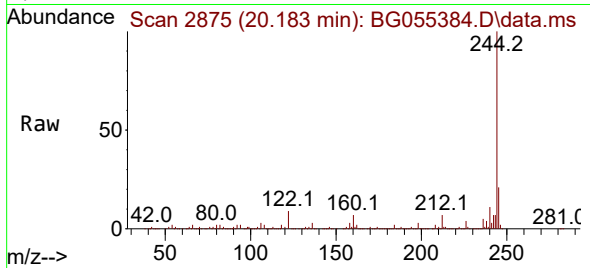




#77
Benzidine
Concen: 2.949 ng
RT: 20.183 min Scan# 2814
Delta R.T. 0.367 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

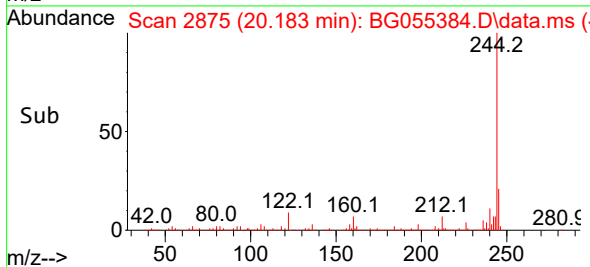
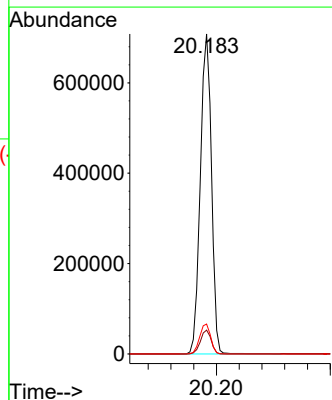
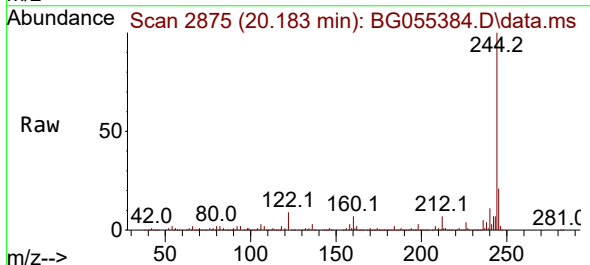
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

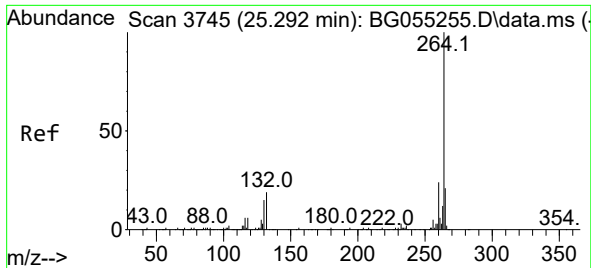
Tgt Ion:184 Resp: 13844
Ion Ratio Lower Upper
184 100
185 16.5 11.0 16.6
183 6.8 10.0 15.0#



#79
Terphenyl-d14
Concen: 103.504 ng
RT: 20.183 min Scan# 2875
Delta R.T. -0.003 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

Tgt Ion:244 Resp: 965923
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 9.3 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.277 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055384.D
Acq: 31 Oct 2022 18:29

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

Tgt Ion:264 Resp: 206078

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.4	26.2

