

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053713.D
 Acq On : 26 May 2022 12:23
 Operator : CG/JU
 Sample : PB145033BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145033BL

Quant Time: May 26 15:58:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

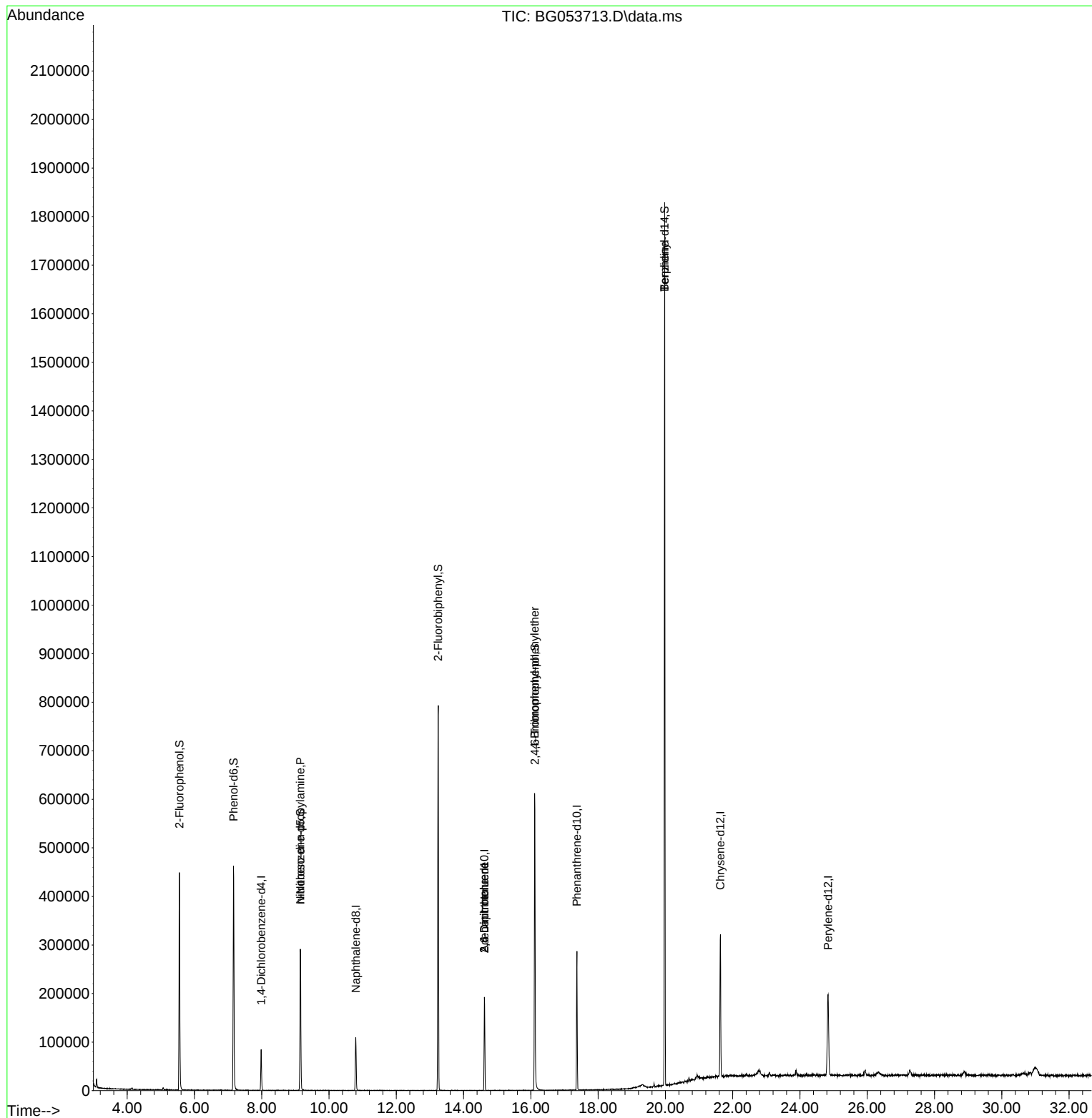
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	23490	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	92358	20.000	ng	0.00
39) Acenaphthene-d10	14.620	164	70293	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	177956	20.000	ng	0.00
76) Chrysene-d12	21.634	240	183164	20.000	ng	0.00
86) Perylene-d12	24.835	264	179210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.550	112	181353	131.026	ng	0.00
7) Phenol-d6	7.159	99	259903	123.729	ng	0.00
23) Nitrobenzene-d5	9.145	82	185651	85.568	ng	-0.01
42) 2,4,6-Tribromophenol	16.118	330	134626	129.855	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	425399	88.434	ng	0.00
79) Terphenyl-d14	19.977	244	880652	89.547	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.145	70	26240	17.410	ng	# 83
51) 2,6-Dinitrotoluene	14.620	165	9226	8.478	ng	# 16
57) 2,4-Dinitrotoluene	14.620	165	9226	5.849	ng	# 21
67) 4-Bromophenyl-phenylether	16.112	248	8643	4.159	ng	# 1
77) Benzidine	19.977	184	15182	3.846	ng	# 94

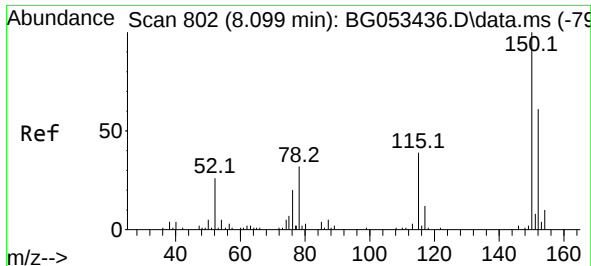
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
Data File : BG053713.D
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Misc :
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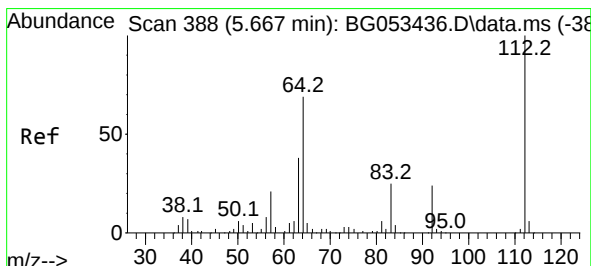
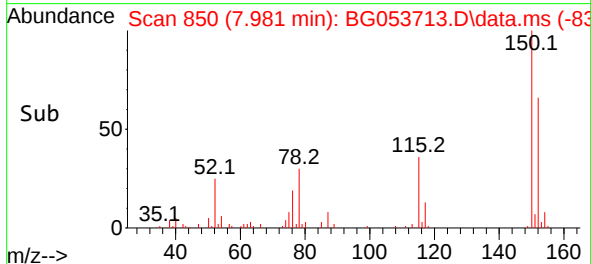
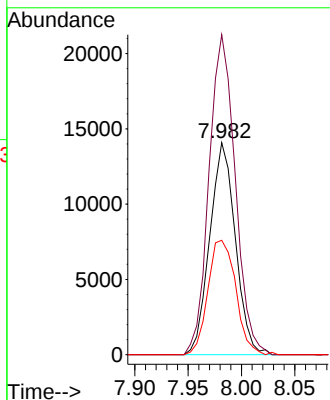
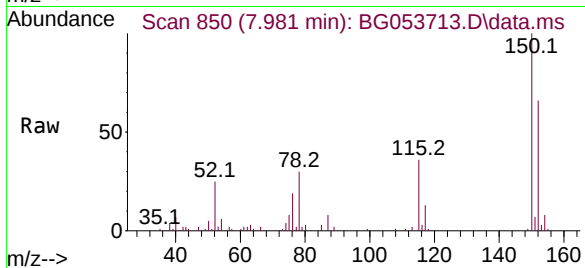




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

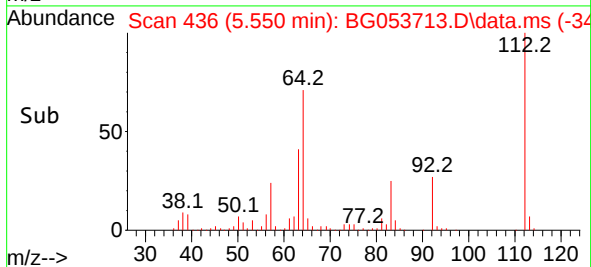
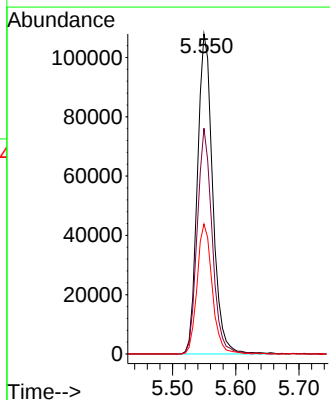
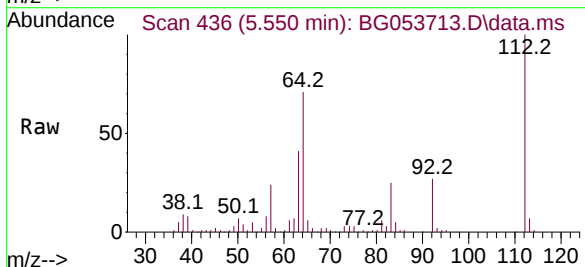
Instrument :
BNA_G
ClientSampleId :
PB145033BL

Tgt Ion:152 Resp: 23490
Ion Ratio Lower Upper
152 100
150 150.9 131.6 197.4
115 54.0 50.9 76.3



#5
2-Fluorophenol
Concen: 131.026 ng
RT: 5.550 min Scan# 436
Delta R.T. -0.005 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

Tgt Ion:112 Resp: 181353
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 40.6 30.4 45.6

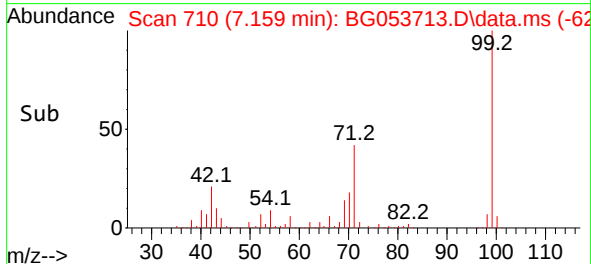
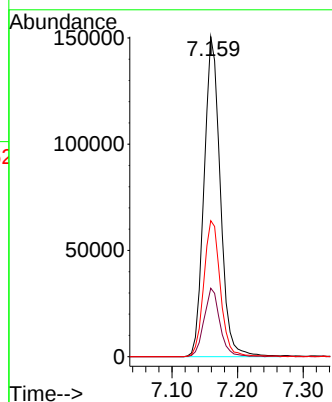
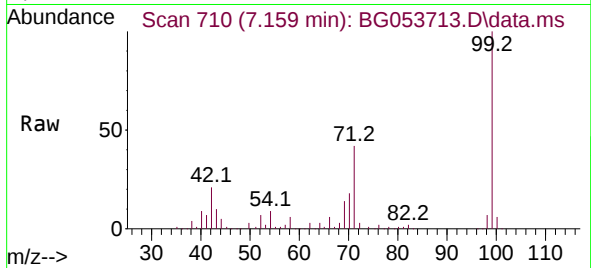




#7
Phenol-d6
Concen: 123.729 ng
RT: 7.159 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

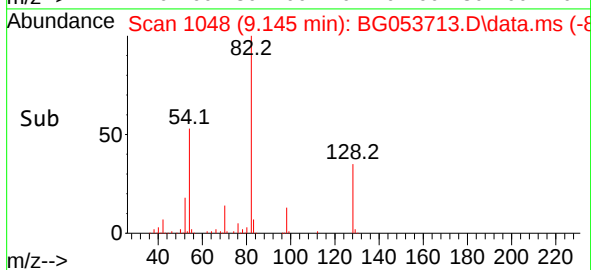
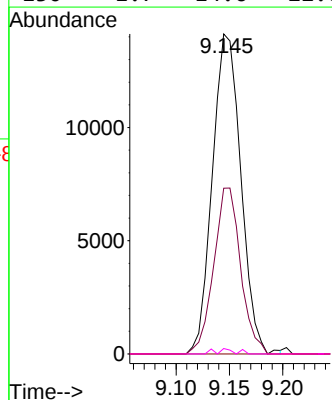
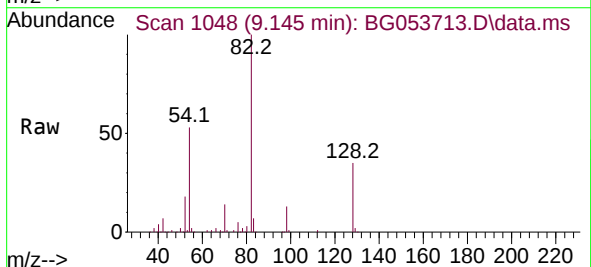
Instrument :
BNA_G
ClientSampleId :
PB145033BL

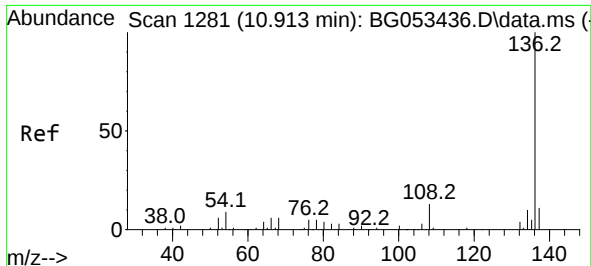
Tgt Ion: 99 Resp: 259903
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 42.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.410 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.348 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

Tgt Ion: 70 Resp: 26240
Ion Ratio Lower Upper
70 100
42 51.8 47.3 70.9
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

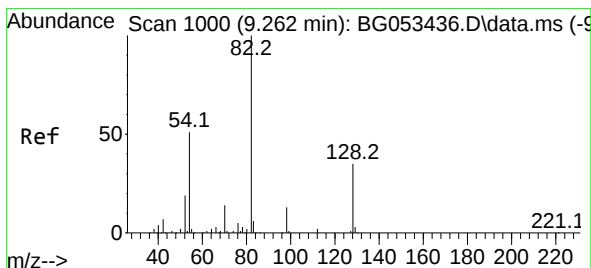
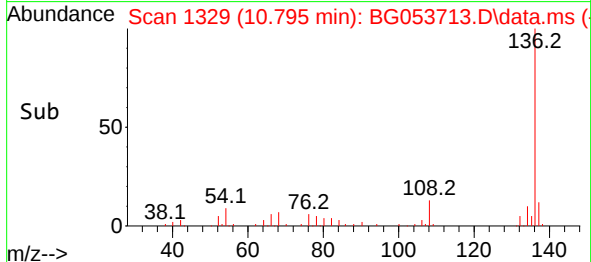
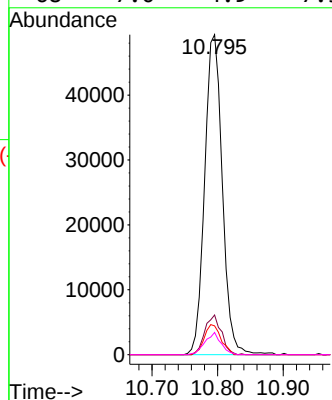
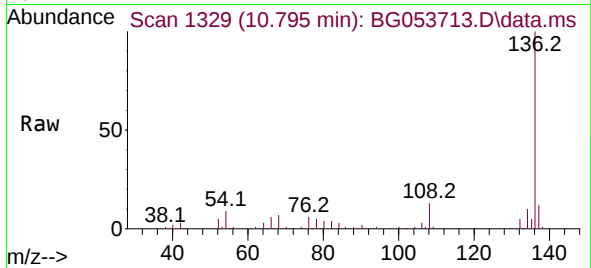




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

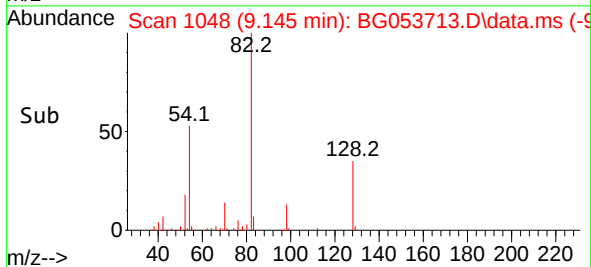
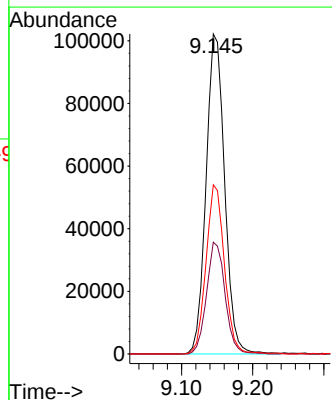
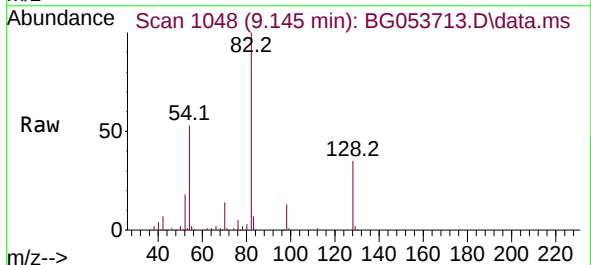
Instrument :
BNA_G
ClientSampleId :
PB145033BL

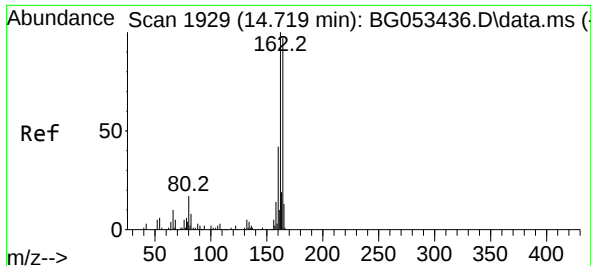
Tgt Ion:136	Resp:	92358
Ion Ratio	Lower	Upper
136	100	
137	12.4	8.5 12.7
54	9.0	7.4 11.2
68	7.0	4.9 7.3



#23
Nitrobenzene-d5
Concen: 85.568 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.011 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

Tgt Ion: 82	Resp:	185651
Ion Ratio	Lower	Upper
82	100	
128	35.0	27.9 41.9
54	52.9	41.2 61.8

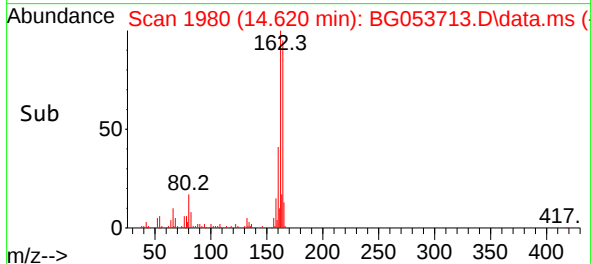
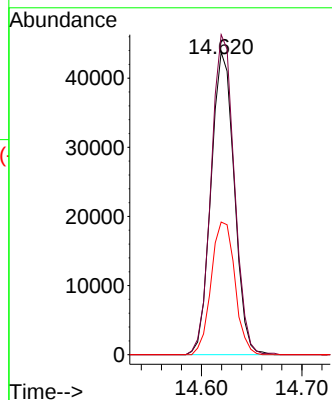
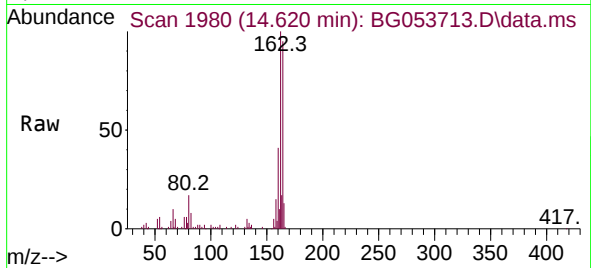




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.620 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

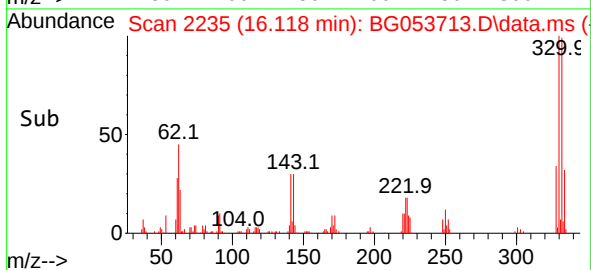
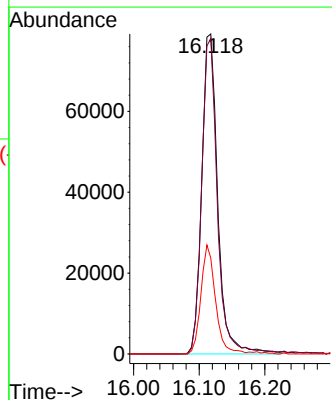
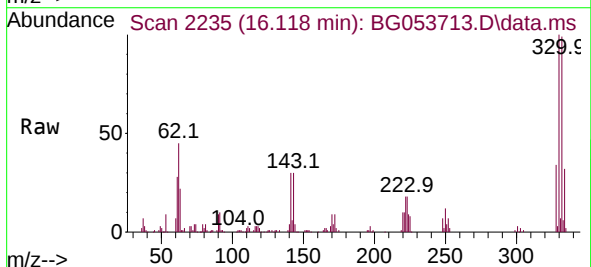
Instrument :
BNA_G
ClientSampleId :
PB145033BL

Tgt Ion:164 Resp: 70293
Ion Ratio Lower Upper
164 100
162 105.8 82.3 123.5
160 43.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 129.855 ng
RT: 16.118 min Scan# 2235
Delta R.T. 0.001 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

Tgt Ion:330 Resp: 134626
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 31.1 27.1 40.7

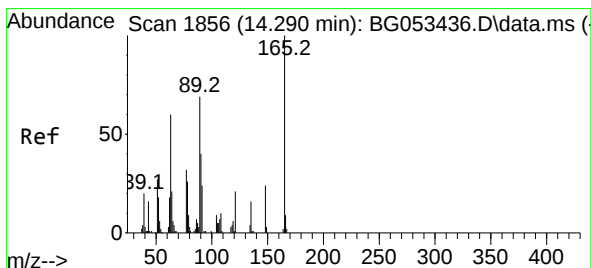
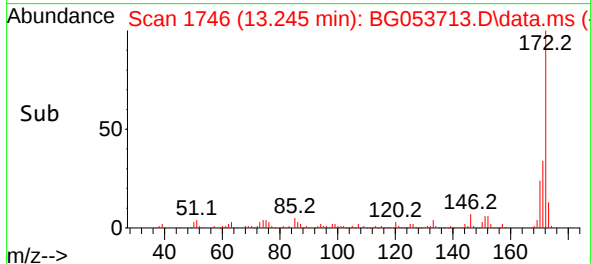
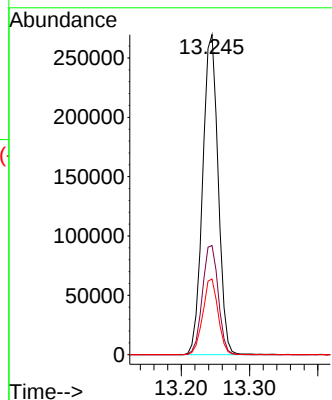
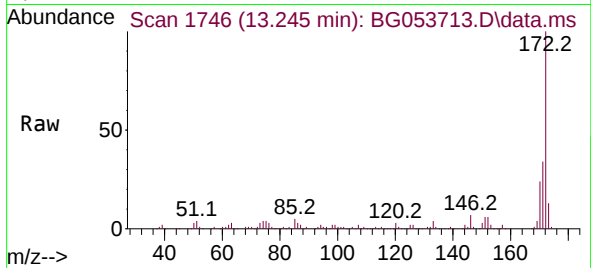




#45
2-Fluorobiphenyl
Concen: 88.434 ng
RT: 13.245 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

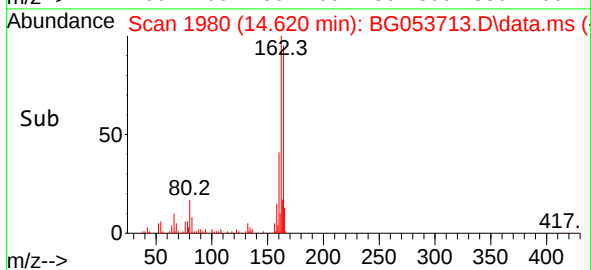
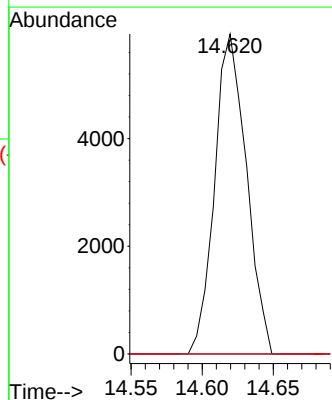
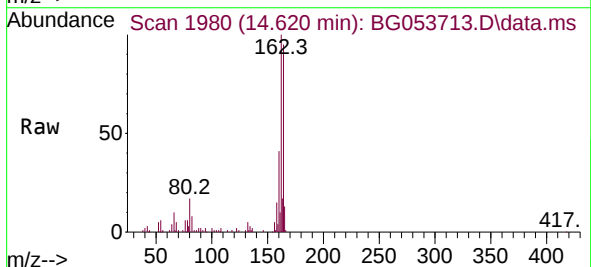
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ClientSampleId :
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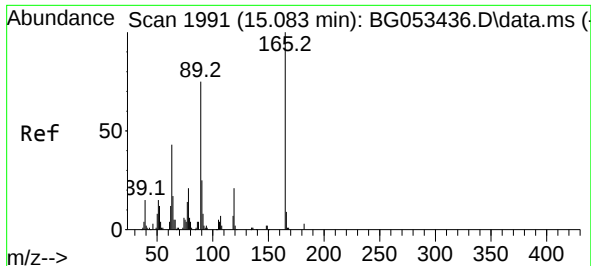
Tgt Ion:172 Resp: 425399
Ion Ratio Lower Upper
172 100
171 34.1 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 14.620 min Scan# 1980
Delta R.T. 0.418 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

Tgt Ion:165 Resp: 9226
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

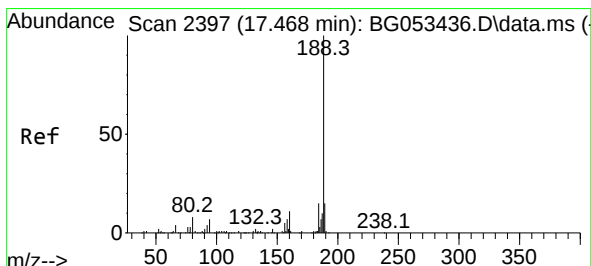
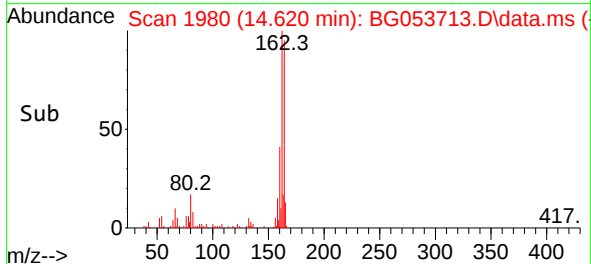
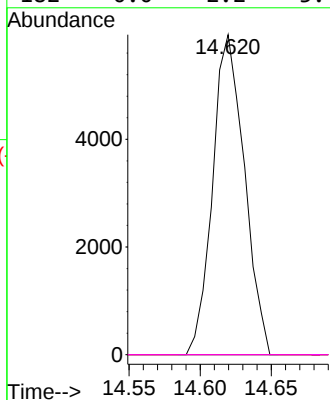
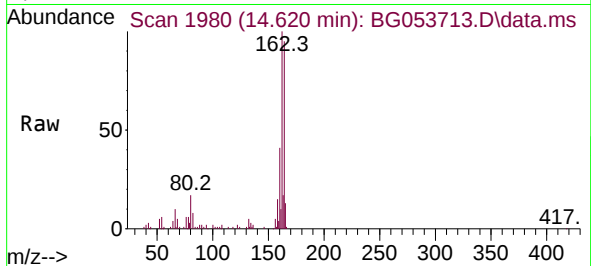




#57
2,4-Dinitrotoluene
Concen: 5.849 ng
RT: 14.620 min Scan# 1991
Delta R.T. -0.375 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

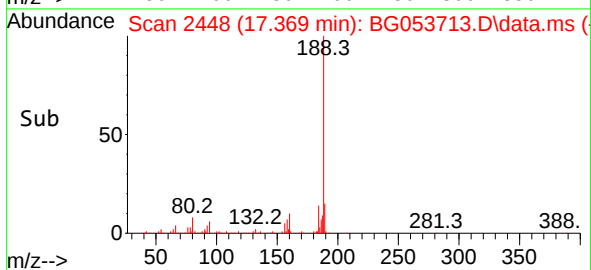
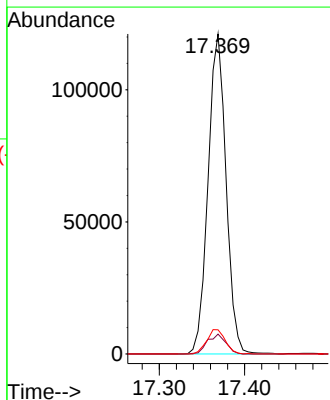
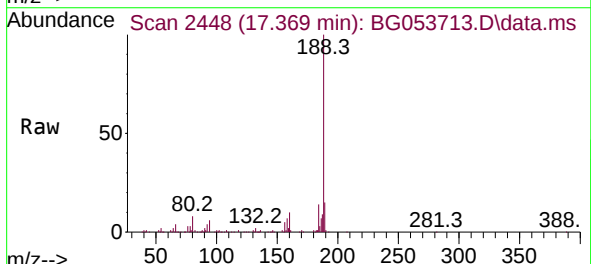
Instrument :
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ClientSampleId :
PB145033BL

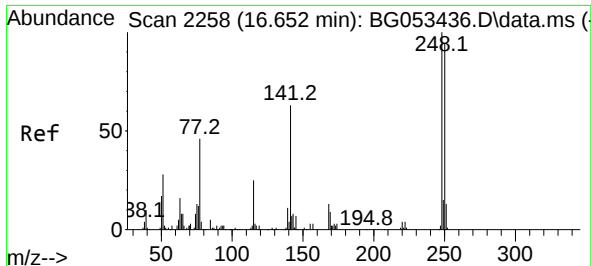
Tgt Ion:165 Resp: 9226
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

Tgt Ion:188 Resp: 177956
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.6 6.8 10.2

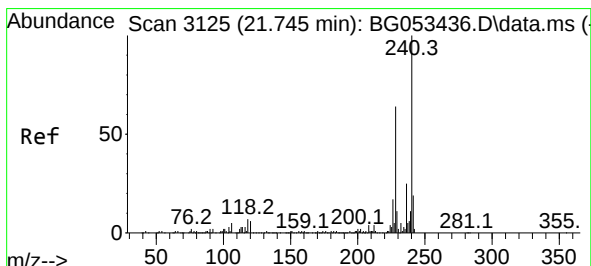
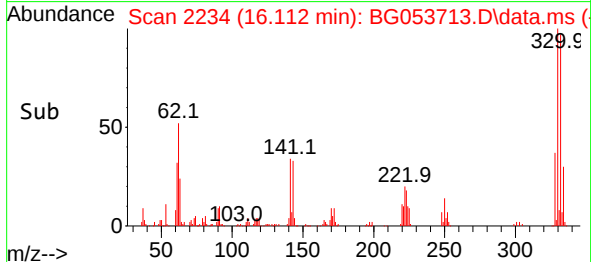
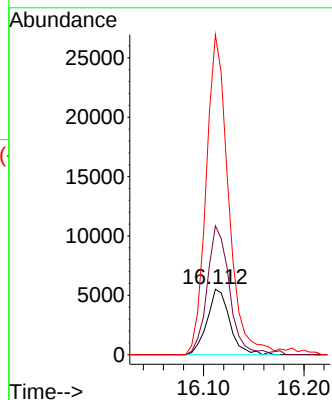
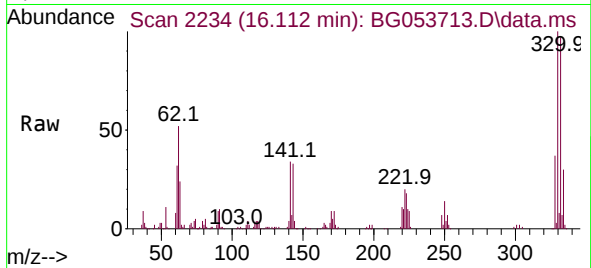




#67
4-Bromophenyl-phenylether
Concen: 4.159 ng
RT: 16.112 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

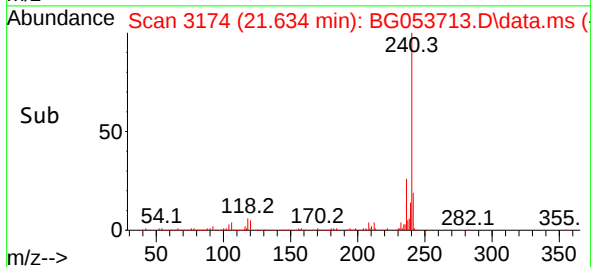
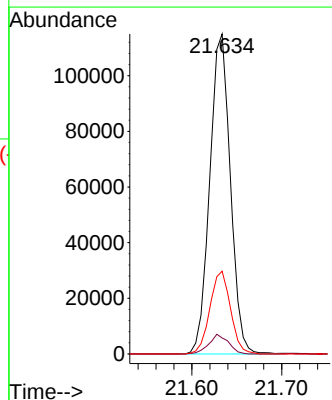
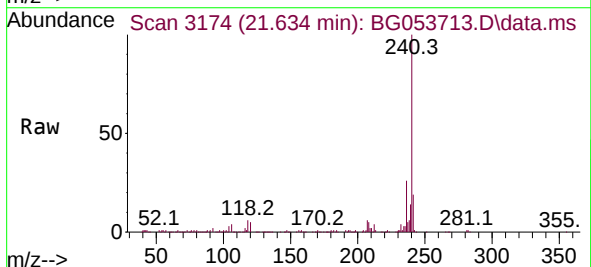
Instrument :
BNA_G
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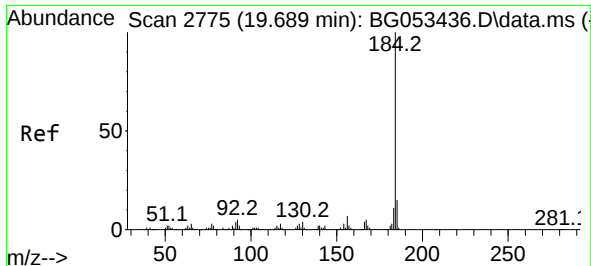
Tgt Ion:248 Resp: 8643
Ion Ratio Lower Upper
248 100
250 196.8 75.2 112.8#
141 489.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

Tgt Ion:240 Resp: 183164
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 25.8 20.2 30.4

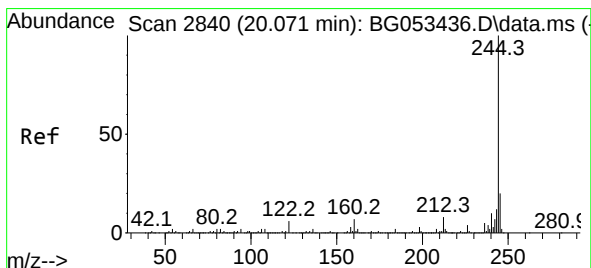
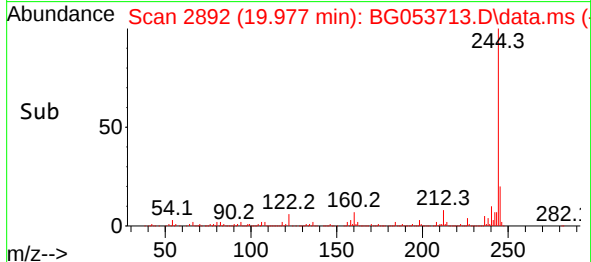
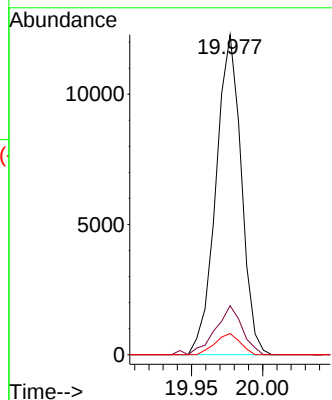
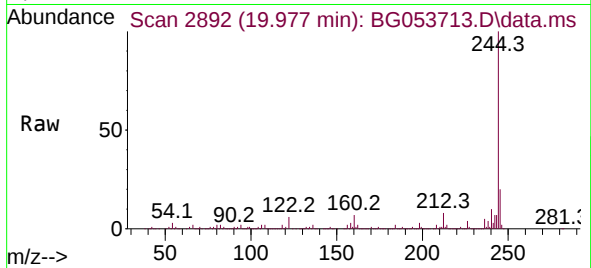




#77
Benzidine
Concen: 3.846 ng
RT: 19.977 min Scan# 21
Delta R.T. 0.377 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

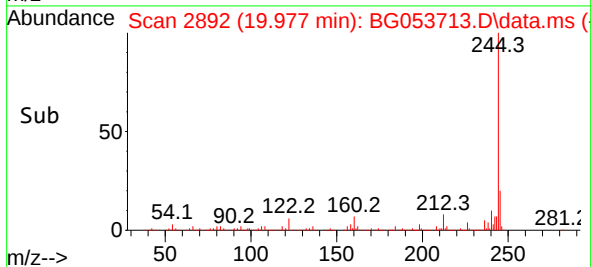
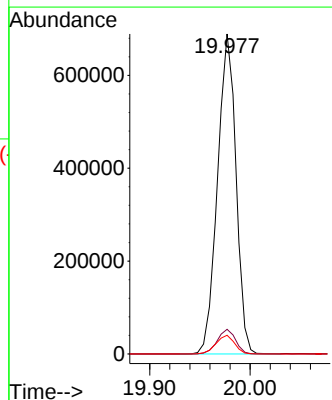
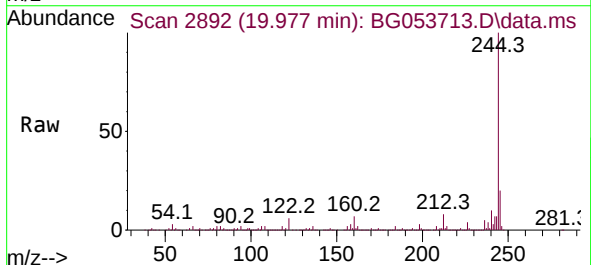
Instrument :
BNA_G
ClientSampleId :
PB145033BL

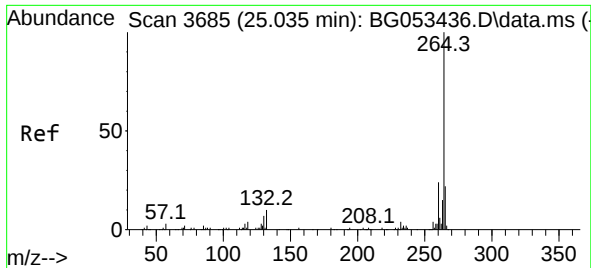
Tgt Ion:184 Resp: 15182
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.6
183 6.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 89.547 ng
RT: 19.977 min Scan# 2892
Delta R.T. 0.001 min
Lab File: BG053713.D
Acq: 26 May 2022 12:23

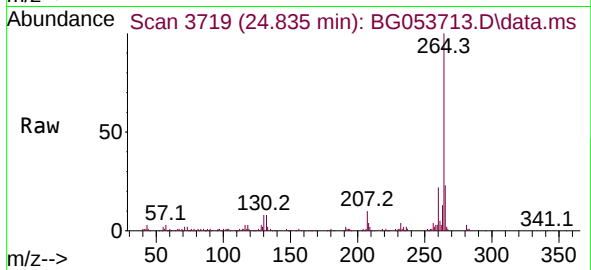
Tgt Ion:244 Resp: 880652
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 5.9 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.835 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG053713.D
 Acq: 26 May 2022 12:23

Instrument :
 BNA_G
 ClientSampleId :
 PB145033BL



Tgt Ion:264 Resp: 179210
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.0 28.6
 265 22.6 17.4 26.2

