

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060322\
 Data File : BP010689.D
 Acq On : 03 Jun 2022 13:06
 Operator : CG/JU
 Sample : N3064-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Quant Time: Jun 04 01:59:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 01:56:43 2022
 Response via : Initial Calibration

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

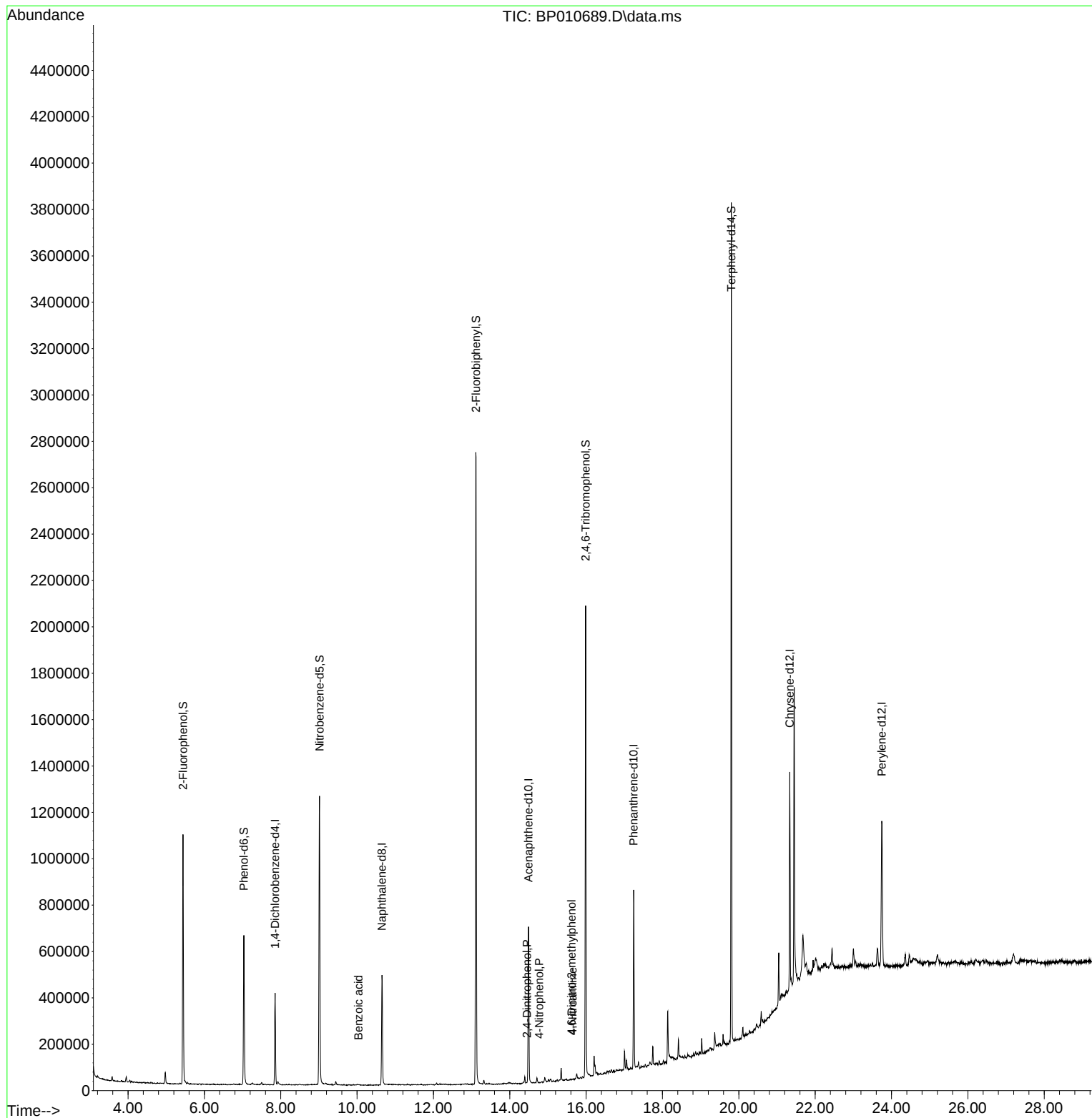
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	99718	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	381886	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	230006	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	455910	20.000	ng	0.00
76) Chrysene-d12	21.333	240	441267	20.000	ng	-0.01
86) Perylene-d12	23.745	264	513548	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	400257	73.226	ng	0.00
7) Phenol-d6	7.034	99	335587	43.246	ng	0.00
23) Nitrobenzene-d5	9.016	82	704893	87.267	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	358964	137.874	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1403290	86.589	ng	0.00
79) Terphenyl-d14	19.804	244	1605831	68.354	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.040	122	111	7.351	ng	# 1
54) 2,4-Dinitrophenol	14.451	184	31	6.659	ng	86
56) 4-Nitrophenol	14.769	139	132	3.641	ng	# 9
62) 4-Nitroaniline	15.645	138	117	2.163	ng	87
65) 4,6-Dinitro-2-methylph...	15.622	198	24	4.610	ng	# 1

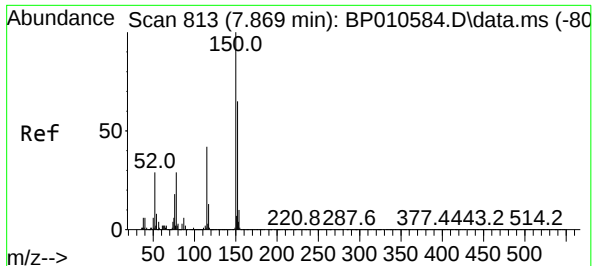
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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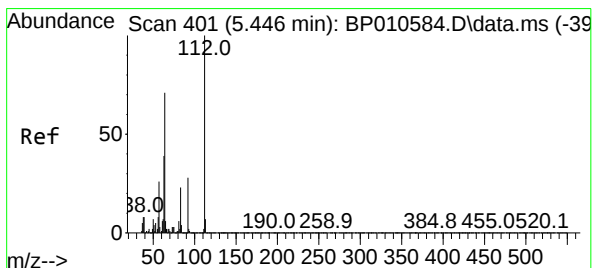
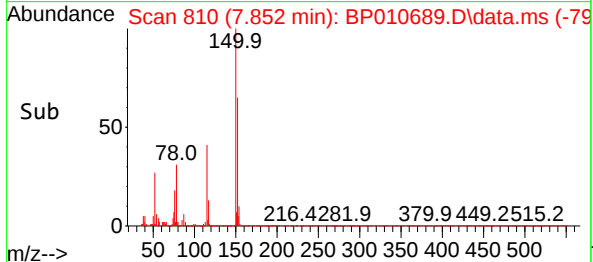
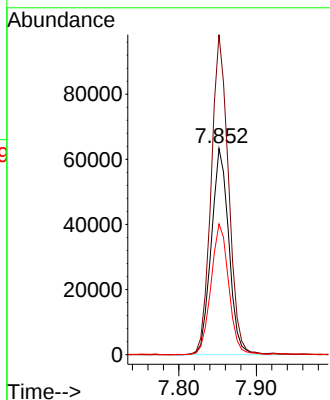
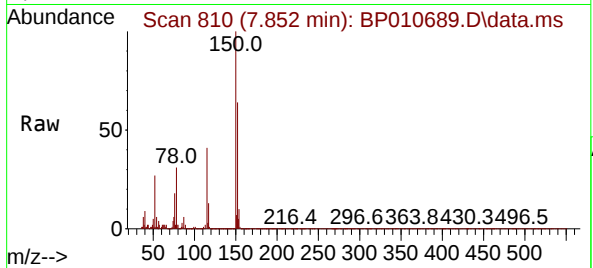




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 813
Delta R.T. -0.000 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

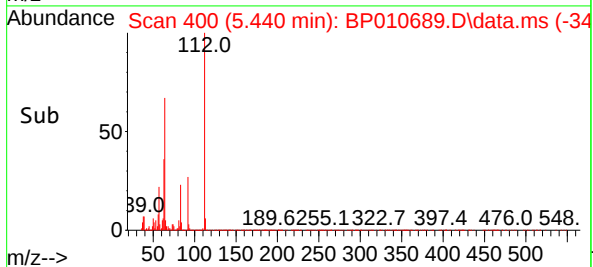
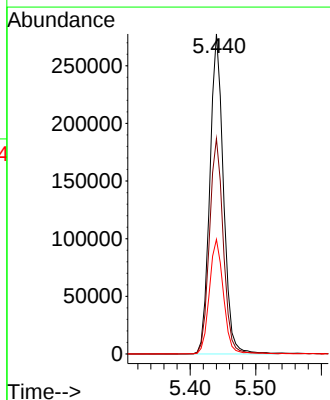
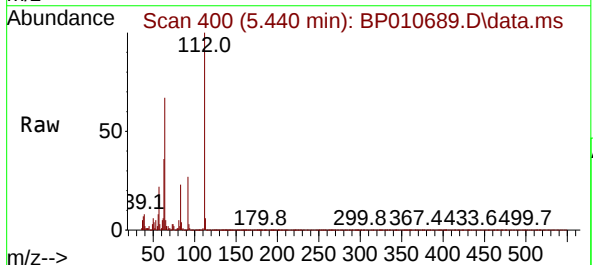
Instrument :
BNA_P
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 99718
Ion Ratio Lower Upper
152 100
150 155.1 123.4 185.2
115 63.3 51.3 76.9



#5
2-Fluorophenol
Concen: 73.226 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

Tgt Ion:112 Resp: 400257
Ion Ratio Lower Upper
112 100
64 67.3 56.9 85.3
63 35.8 31.2 46.8

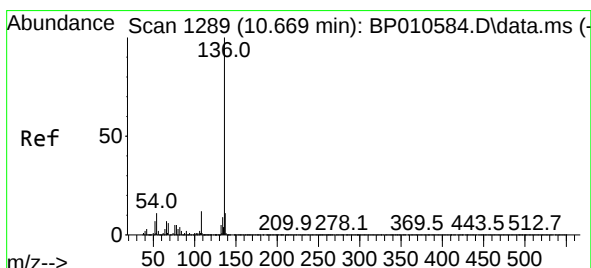
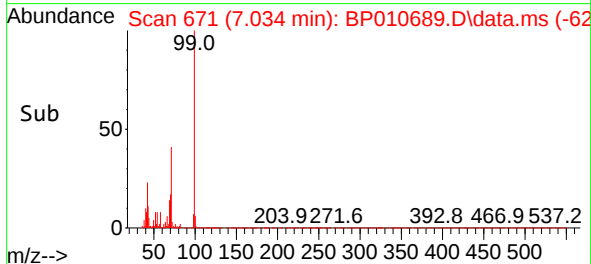
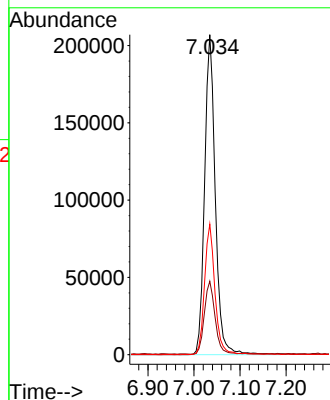
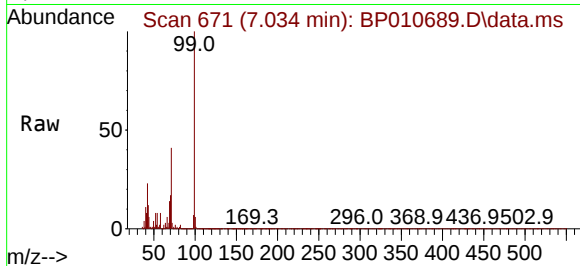




#7
Phenol-d6
Concen: 43.246 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

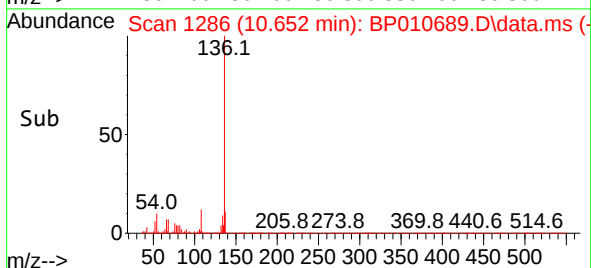
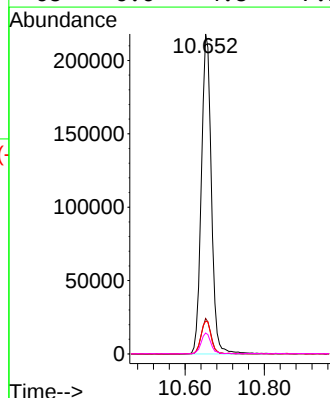
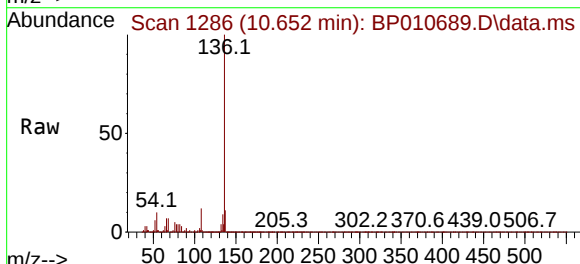
Instrument :
BNA_P
ClientSampleId :
MW-2

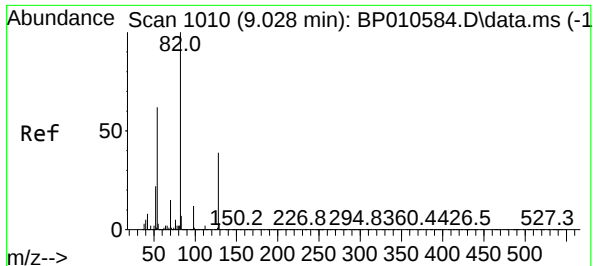
Tgt Ion: 99 Resp: 335587
Ion Ratio Lower Upper
99 100
42 23.0 20.3 30.5
71 40.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

Tgt Ion: 136 Resp: 381886
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.2 8.7 13.1
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 87.267 ng

RT: 9.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010689.D

Acq: 03 Jun 2022 13:06

Instrument :

BNA_P

ClientSampleId :

MW-2

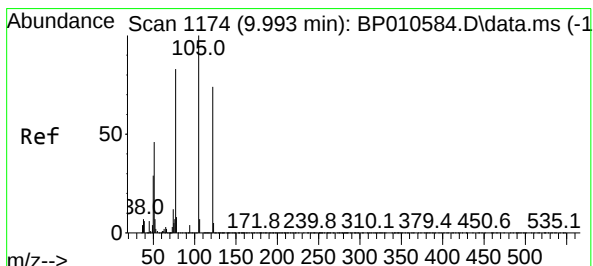
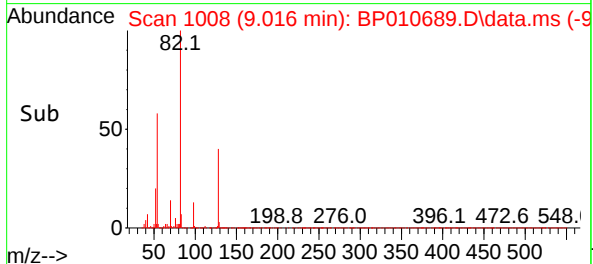
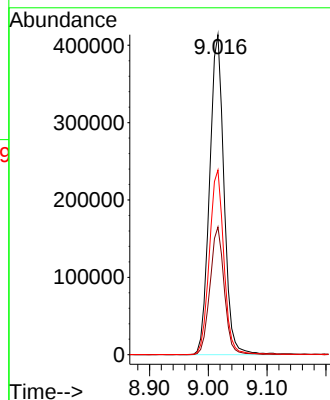
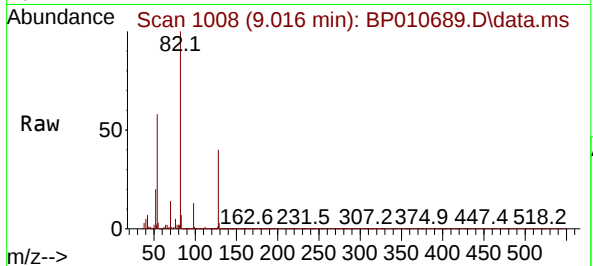
Tgt Ion: 82 Resp: 704893

Ion Ratio Lower Upper

82 100

128 39.9 31.3 46.9

54 57.7 49.8 74.8



#32

Benzoic acid

Concen: 7.351 ng

RT: 10.040 min Scan# 1182

Delta R.T. 0.018 min

Lab File: BP010689.D

Acq: 03 Jun 2022 13:06

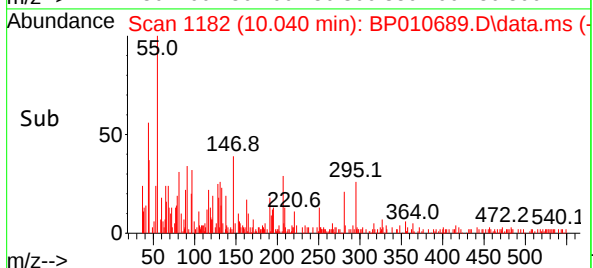
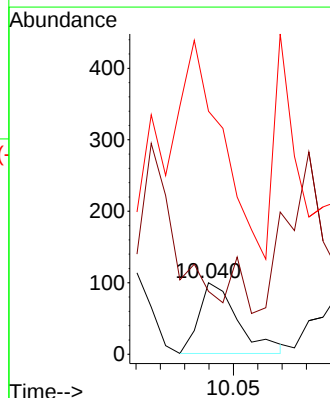
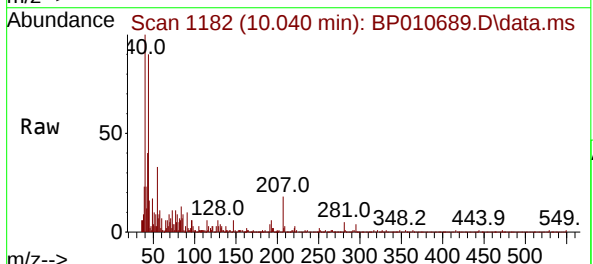
Tgt Ion:122 Resp: 111

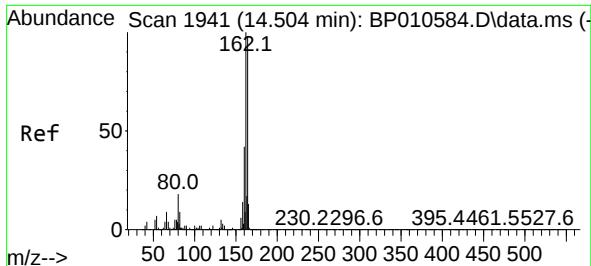
Ion Ratio Lower Upper

122 100

105 88.0 112.6 152.6#

77 340.0 90.2 130.2#

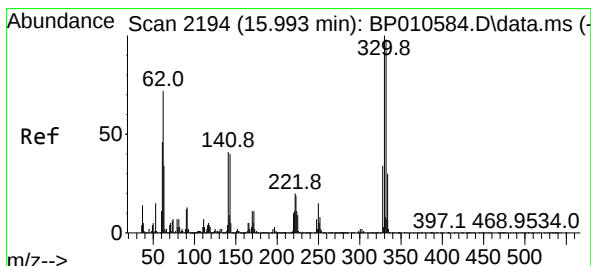
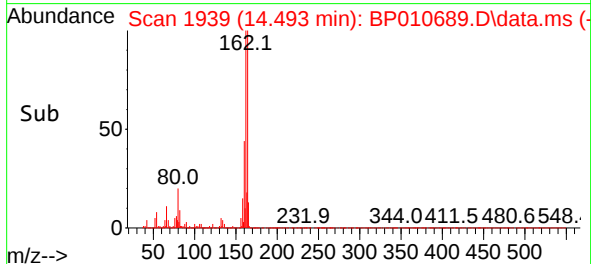
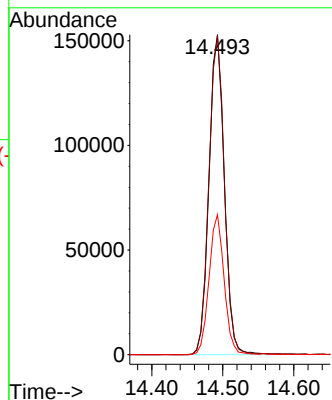
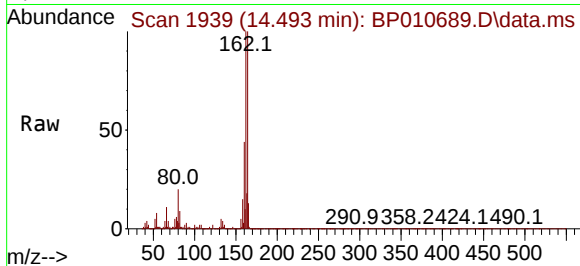




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

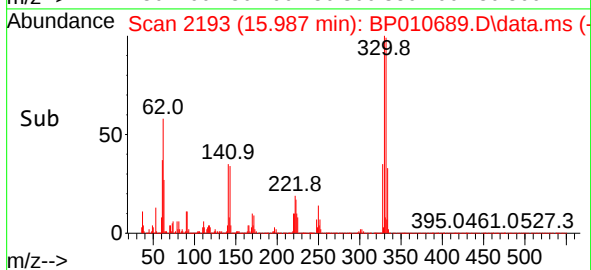
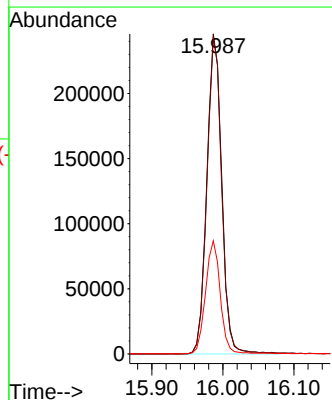
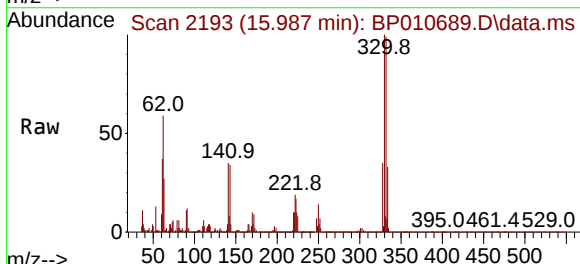
Instrument :
BNA_P
ClientSampleId :
MW-2

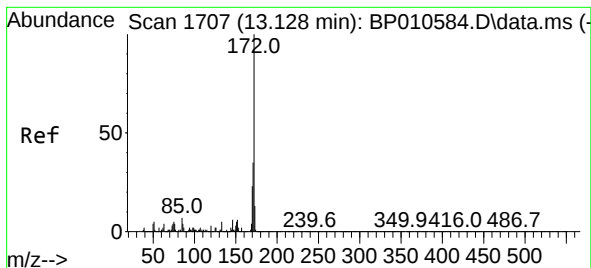
Tgt Ion:164 Resp: 230006
Ion Ratio Lower Upper
164 100
162 99.7 81.9 122.9
160 43.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 137.874 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

Tgt Ion:330 Resp: 358964
Ion Ratio Lower Upper
330 100
332 98.3 78.1 117.1
141 35.2 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 86.589 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010689.D

Acq: 03 Jun 2022 13:06

Instrument :

BNA_P

ClientSampleId :

MW-2

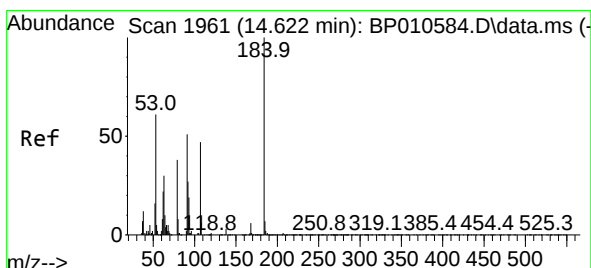
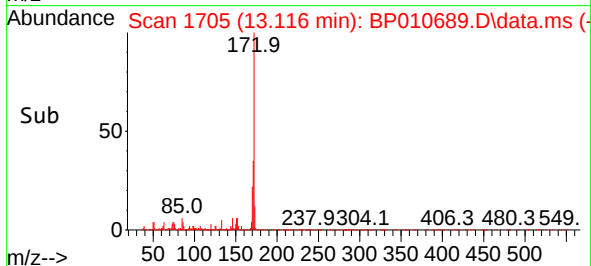
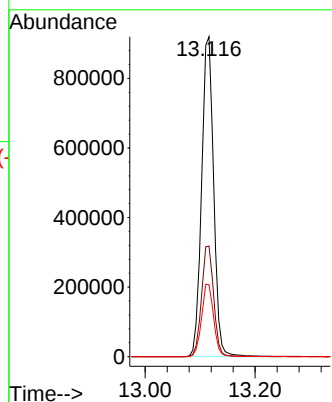
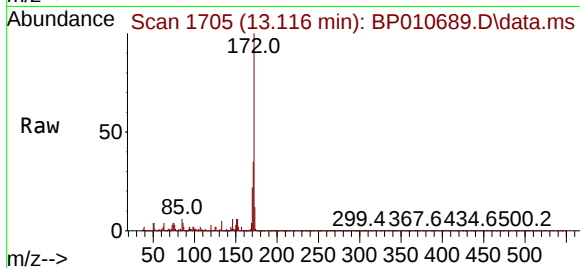
Tgt Ion:172 Resp: 1403290

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 22.5 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.659 ng

RT: 14.451 min Scan# 1932

Delta R.T. -0.171 min

Lab File: BP010689.D

Acq: 03 Jun 2022 13:06

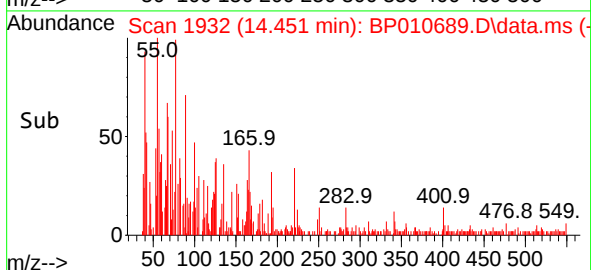
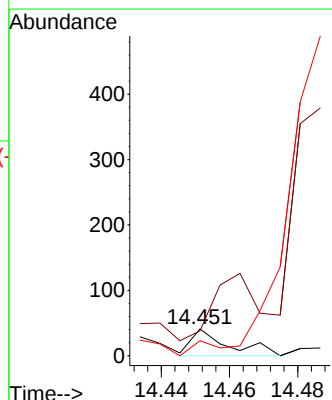
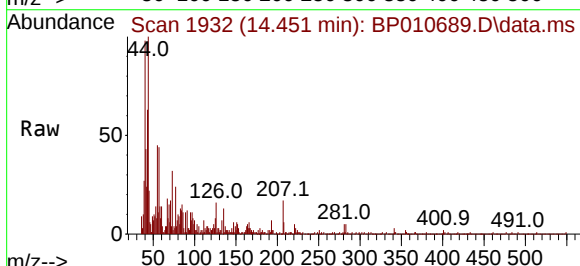
Tgt Ion:184 Resp: 31

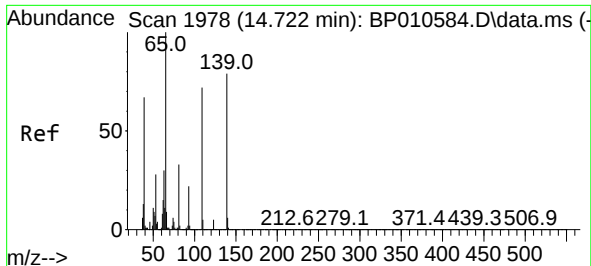
Ion Ratio Lower Upper

184 100

63 92.7 65.4 98.2

154 56.1 55.4 83.2

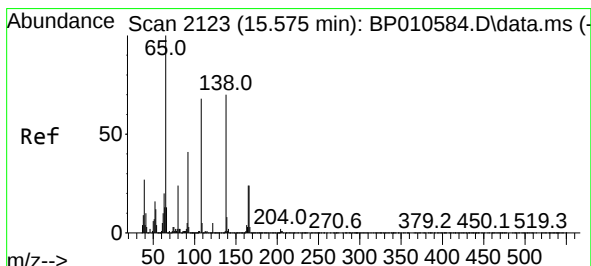
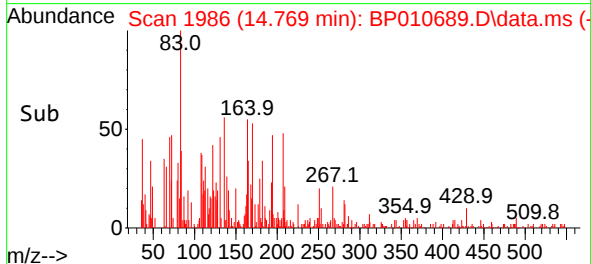
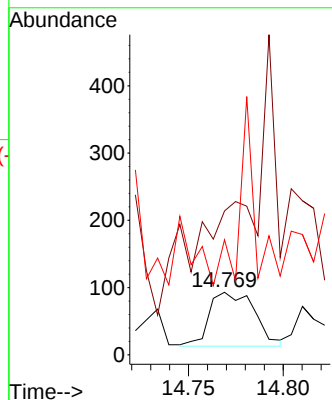
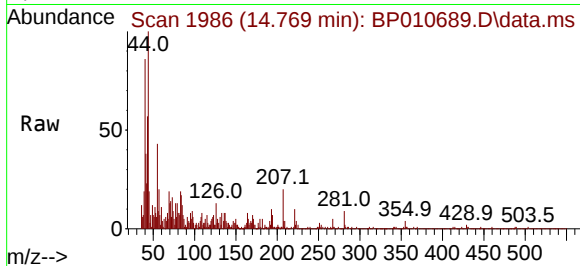




#56
4-Nitrophenol
Concen: 3.641 ng
RT: 14.769 min Scan# 1978
Delta R.T. 0.029 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

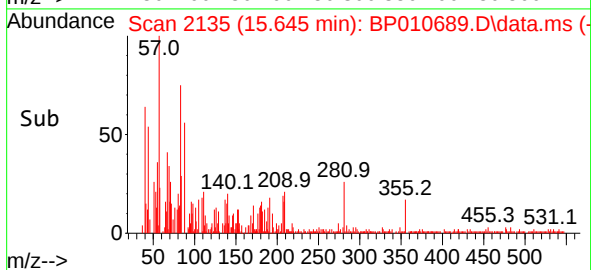
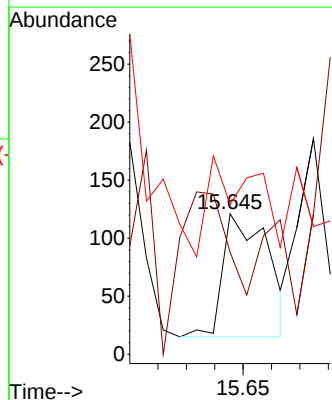
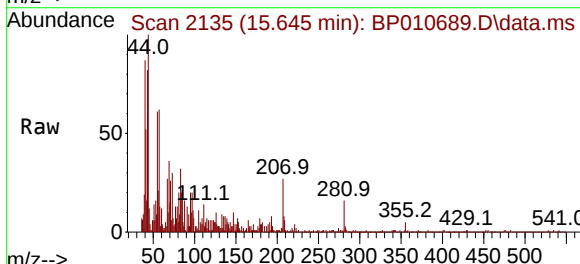
Instrument :
BNA_P
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MW-2

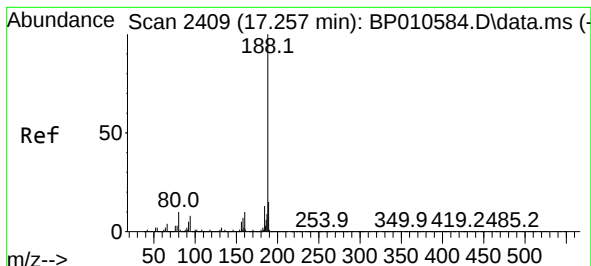
Tgt Ion:139 Resp: 132
Ion Ratio Lower Upper
139 100
109 230.1 70.6 110.6#
65 183.9 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.163 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.071 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
92 72.7 38.0 78.0
108 106.6 77.6 117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP010689.D

Acq: 03 Jun 2022 13:06

Instrument :

BNA_P

ClientSampleId :

MW-2

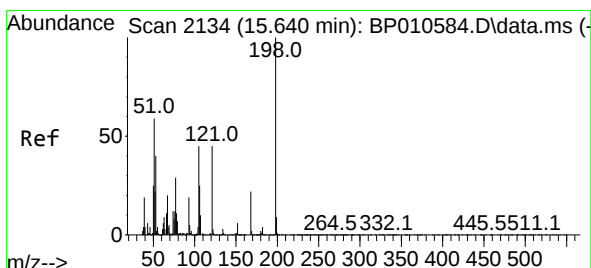
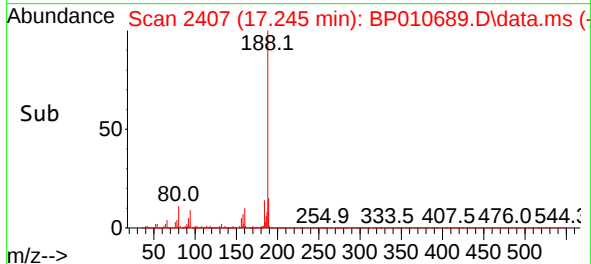
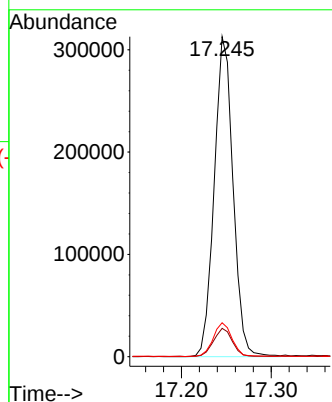
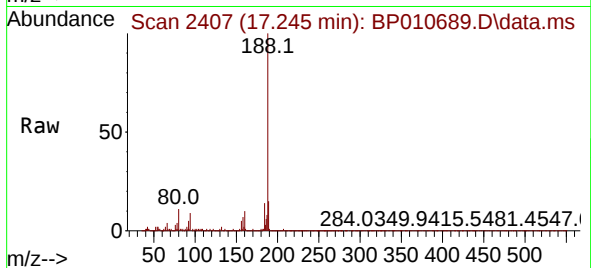
Tgt Ion:188 Resp: 455910

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 10.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.610 ng

RT: 15.622 min Scan# 2131

Delta R.T. -0.018 min

Lab File: BP010689.D

Acq: 03 Jun 2022 13:06

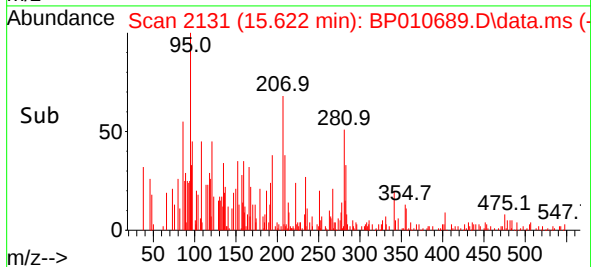
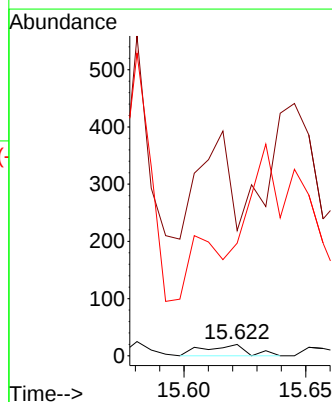
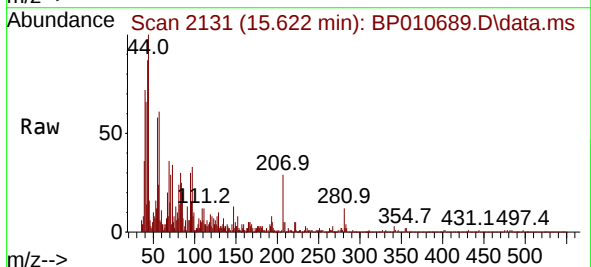
Tgt Ion:198 Resp: 24

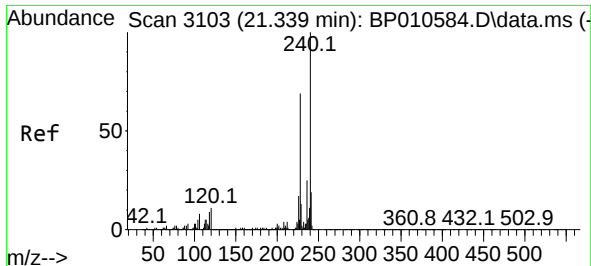
Ion Ratio Lower Upper

198 100

51 1095.0 41.2 81.2#

105 985.0 25.3 65.3#

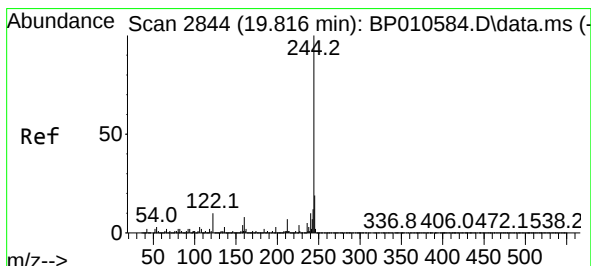
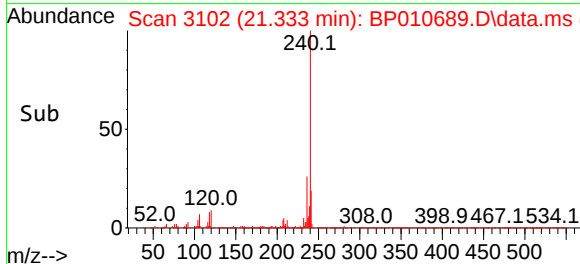
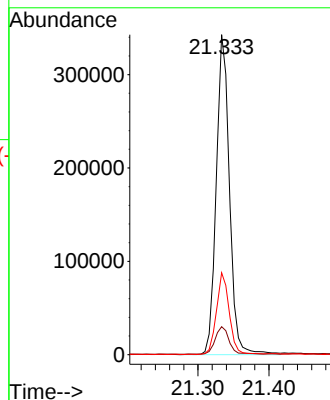
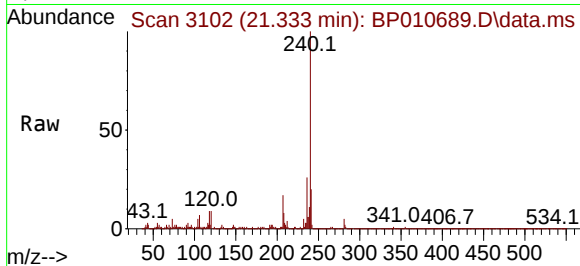




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

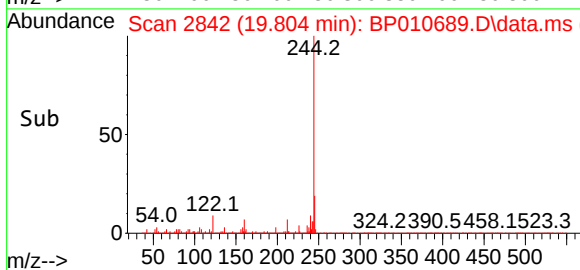
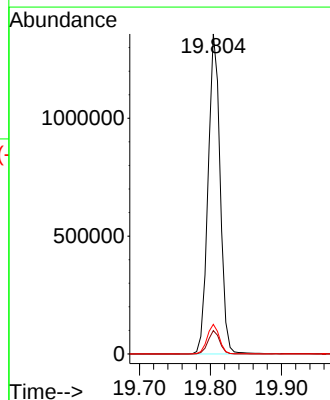
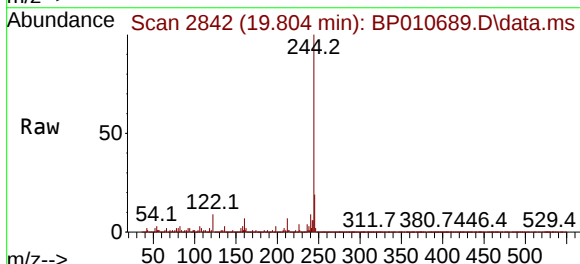
Instrument :
BNA_P
ClientSampleId :
MW-2

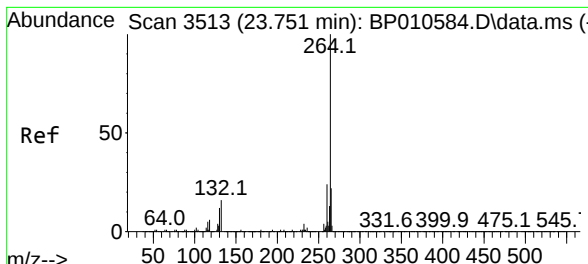
Tgt Ion:240 Resp: 441267
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 25.6 19.8 29.6



#79
Terphenyl-d14
Concen: 68.354 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

Tgt Ion:244 Resp: 1605831
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.2 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010689.D
Acq: 03 Jun 2022 13:06

Instrument :
BNA_P
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 513548
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 23.4 18.0 27.0

