

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
 Data File : BP009010.D
 Acq On : 02 Feb 2022 17:11
 Operator : CG/JU
 Sample : N1217-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242

Quant Time: Feb 03 06:25:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 03 06:20:22 2022
 Response via : Initial Calibration

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

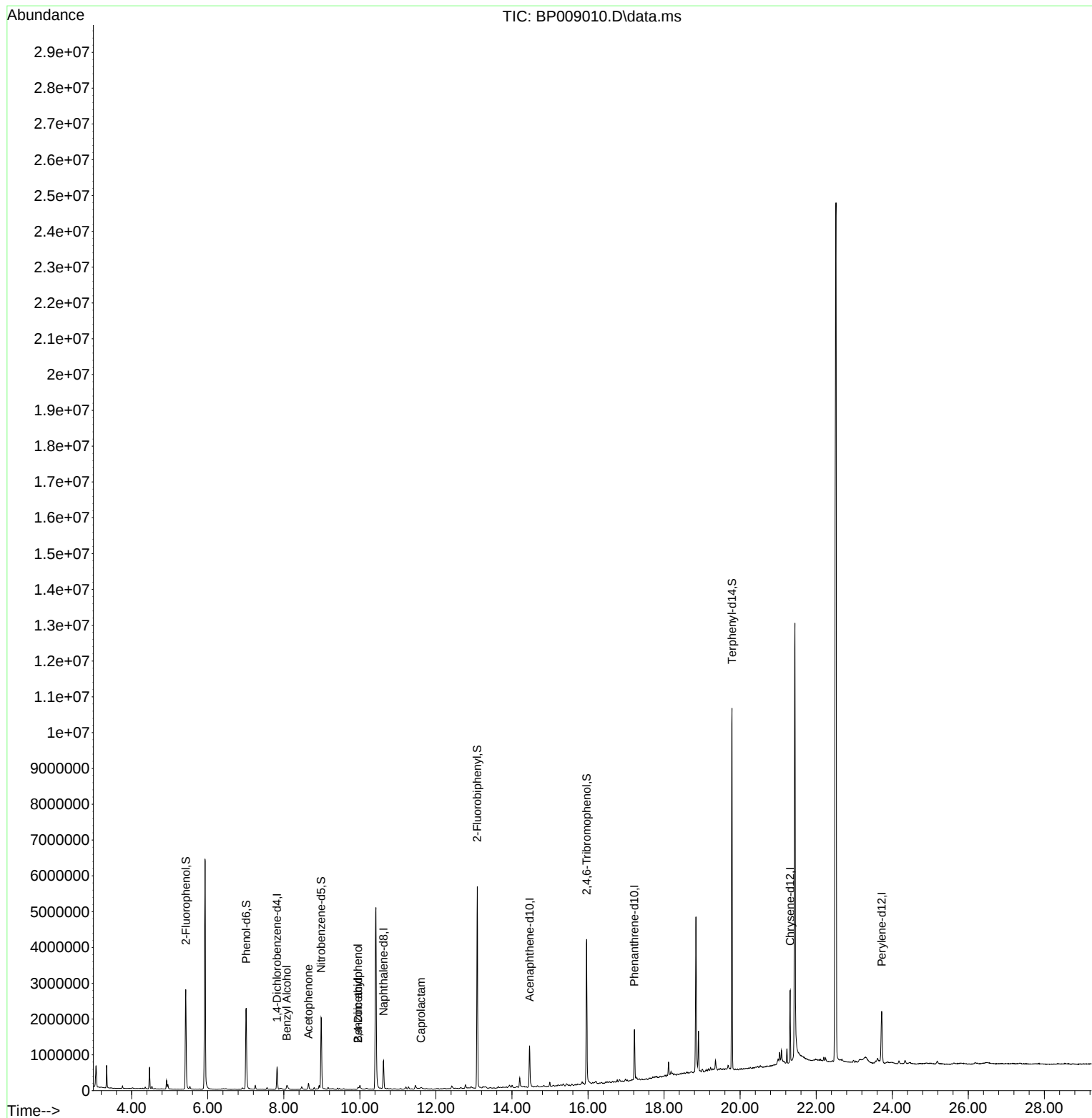
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	187463	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	702355	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	441012	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	930384	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1008952	20.000	ng	0.00
86) Perylene-d12	23.722	264	1128795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	1448366	119.478	ng	0.01
7) Phenol-d6	7.011	99	1581814	107.757	ng	0.00
23) Nitrobenzene-d5	8.981	82	1253752	101.345	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	981648	152.919	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	3118262	93.244	ng	0.00
79) Terphenyl-d14	19.786	244	4915739	82.239	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.081	79	63531	6.169	ng	94
22) Acetophenone	8.646	105	99700	5.572	ng	# 92
27) 2,4-Dimethylphenol	9.952	122	40588	3.624	ng	# 6
32) Benzoic acid	9.952	122	40588	6.314	ng	96
35) Caprolactam	11.610	113	7030	2.086	ng	# 67

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

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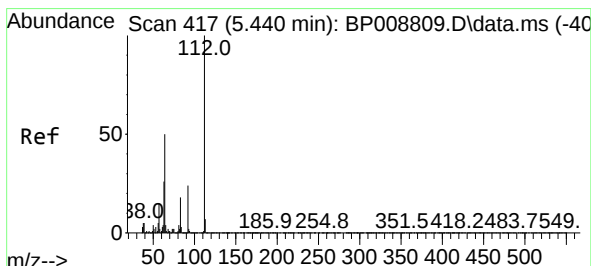
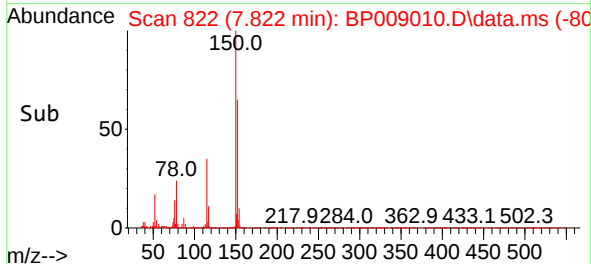
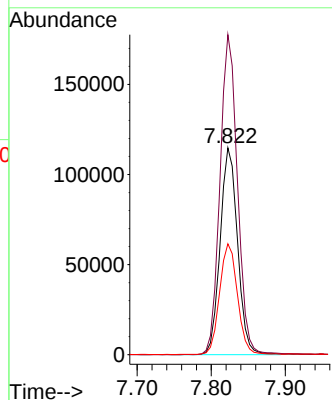
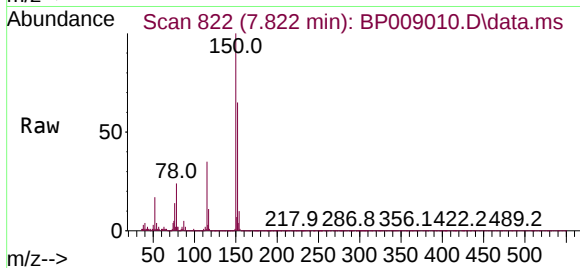




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

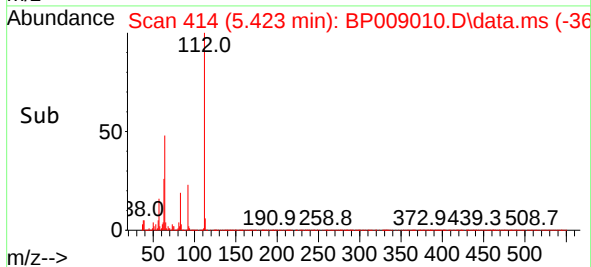
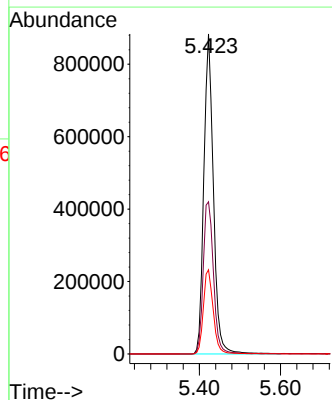
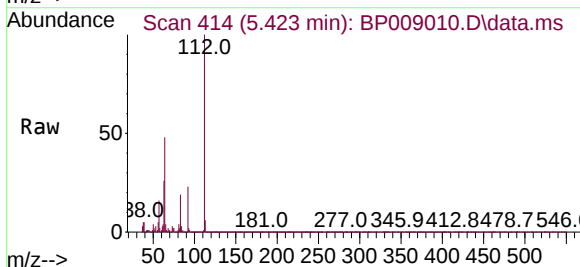
Instrument :
BNA_P
ClientSampleId :
VNJ-242

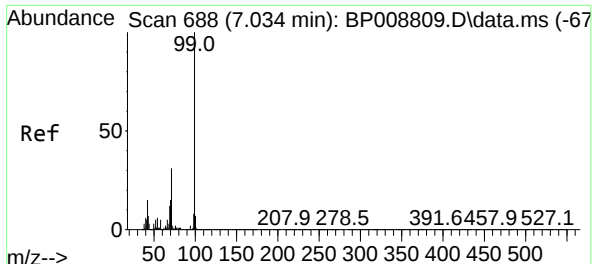
Tgt Ion:152 Resp: 187463
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 53.6 43.7 65.5



#5
2-Fluorophenol
Concen: 119.478 ng
RT: 5.423 min Scan# 414
Delta R.T. 0.012 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

Tgt Ion:112 Resp: 1448366
Ion Ratio Lower Upper
112 100
64 47.5 39.7 59.5
63 26.3 20.0 30.0

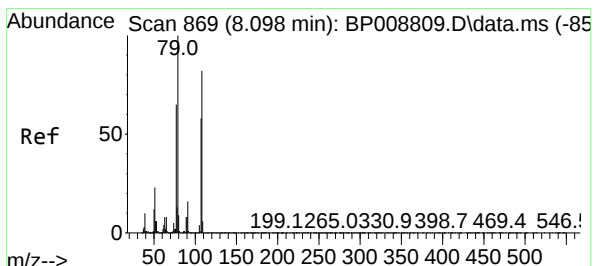
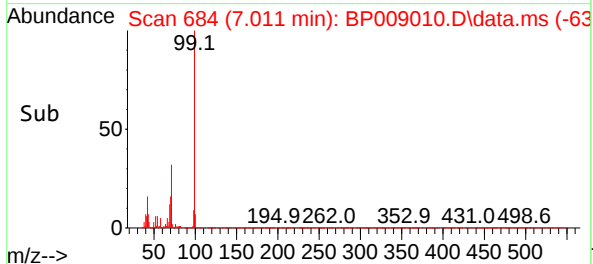
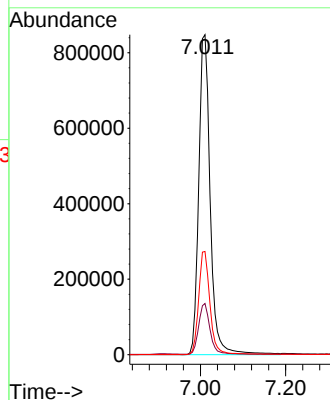
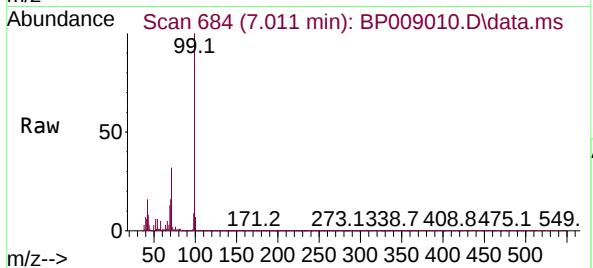




#7
Phenol-d6
Concen: 107.757 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

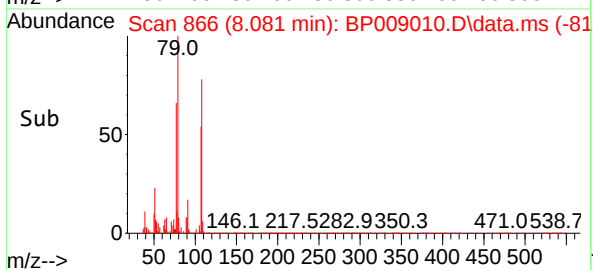
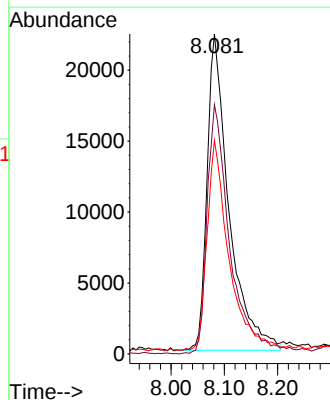
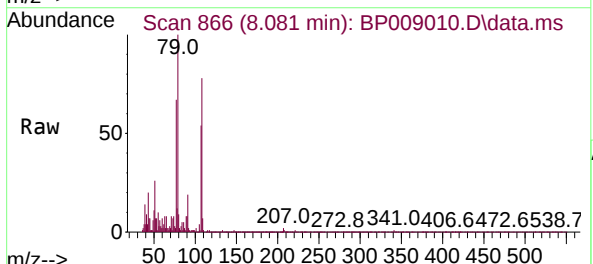
Instrument :
BNA_P
ClientSampleId :
VNJ-242

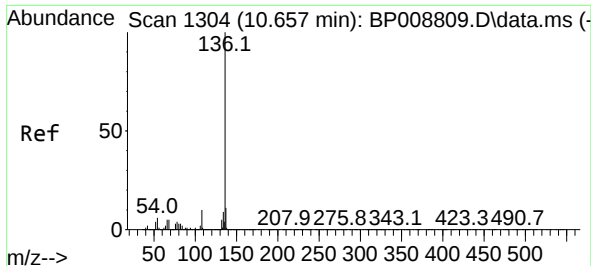
Tgt Ion: 99 Resp: 1581814
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 32.3 23.8 35.6



#15
Benzyl Alcohol
Concen: 6.169 ng
RT: 8.081 min Scan# 866
Delta R.T. 0.006 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

Tgt Ion: 79 Resp: 63531
Ion Ratio Lower Upper
79 100
108 77.9 67.8 101.8
77 66.7 50.7 76.1

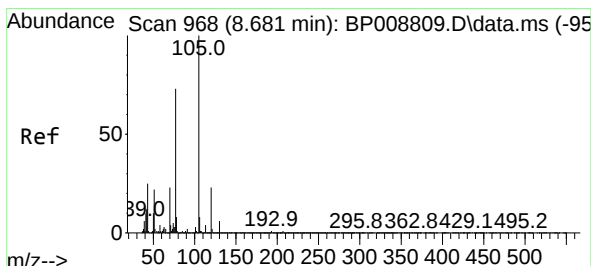
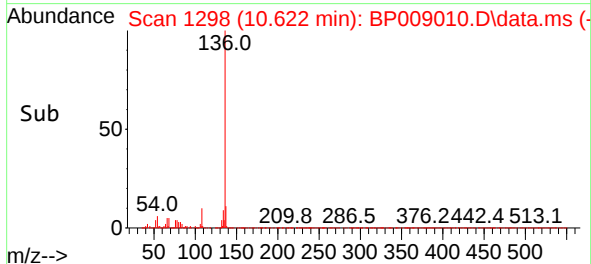
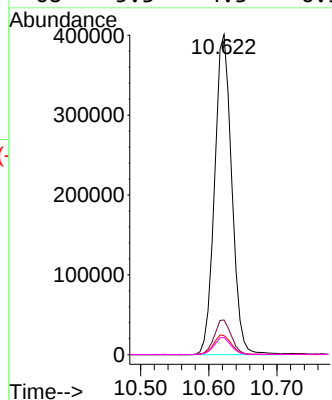
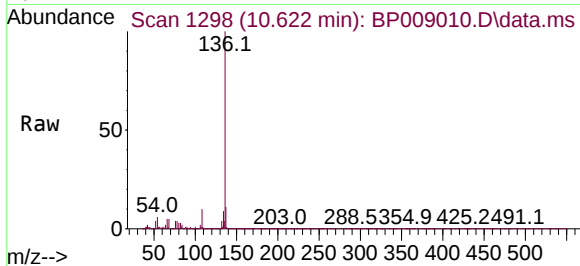




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

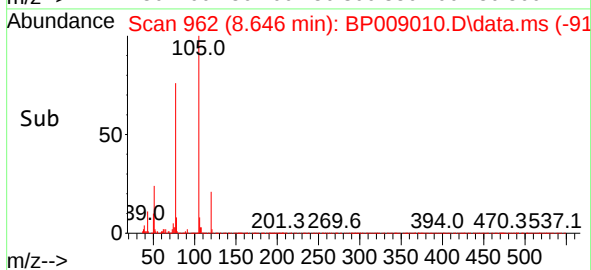
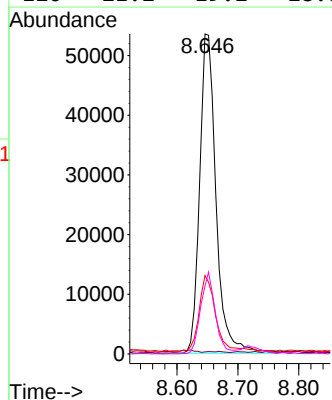
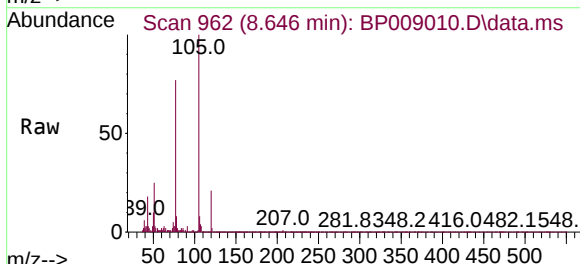
Instrument :
BNA_P
ClientSampleId :
VNJ-242

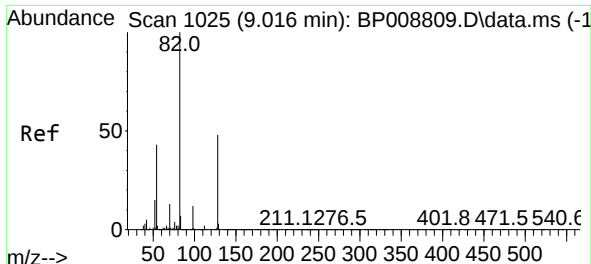
Tgt Ion:	136	Resp:	702355
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	6.0	4.9	7.3
68	5.3	4.3	6.5



#22
Acetophenone
Concen: 5.572 ng
RT: 8.646 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

Tgt Ion:	105	Resp:	99700
Ion Ratio	Lower	Upper	
105	100		
71	0.7	5.3	7.9#
51	24.5	16.3	24.5#
120	21.2	19.2	28.8





#23

Nitrobenzene-d5

Concen: 101.345 ng

RT: 8.981 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009010.D

Acq: 02 Feb 2022 17:11

Instrument :

BNA_P

ClientSampleId :

VNJ-242

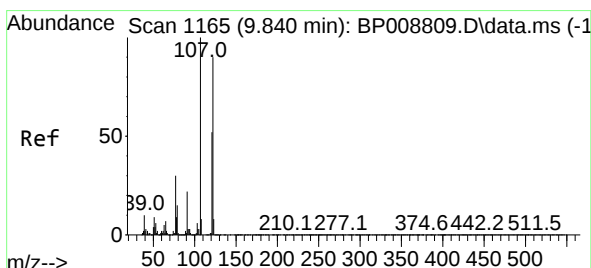
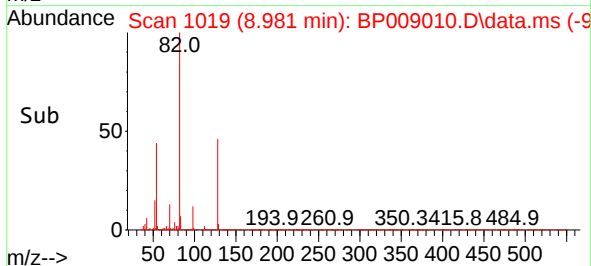
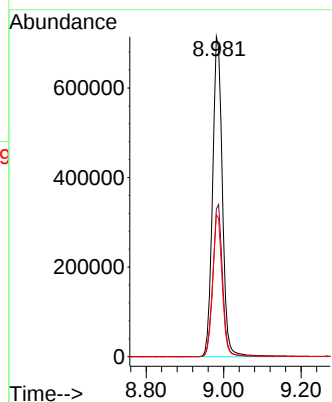
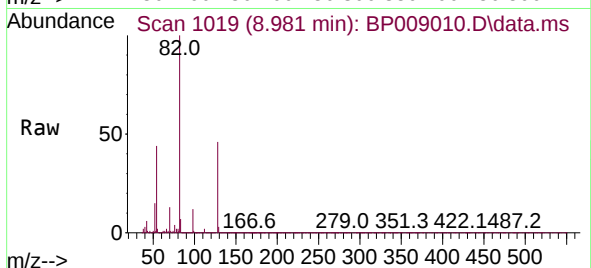
Tgt Ion: 82 Resp: 1253752

Ion Ratio Lower Upper

82 100

128 46.1 39.4 59.2

54 44.3 32.6 48.8



#27

2,4-Dimethylphenol

Concen: 3.624 ng

RT: 9.952 min Scan# 1184

Delta R.T. 0.141 min

Lab File: BP009010.D

Acq: 02 Feb 2022 17:11

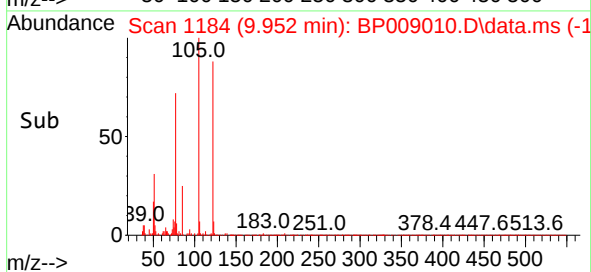
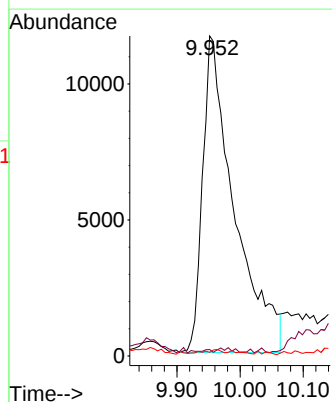
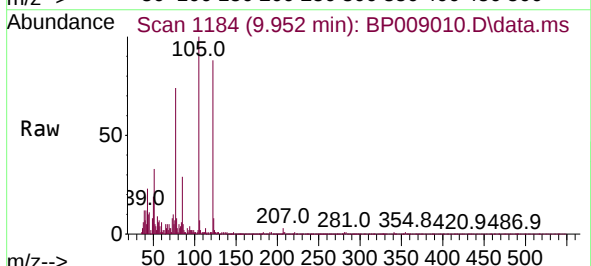
Tgt Ion: 122 Resp: 40588

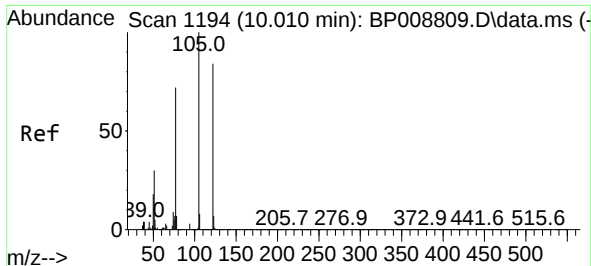
Ion Ratio Lower Upper

122 100

107 2.0 89.6 134.4#

121 1.1 47.8 71.8#

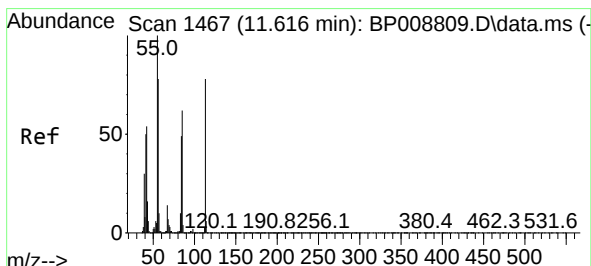
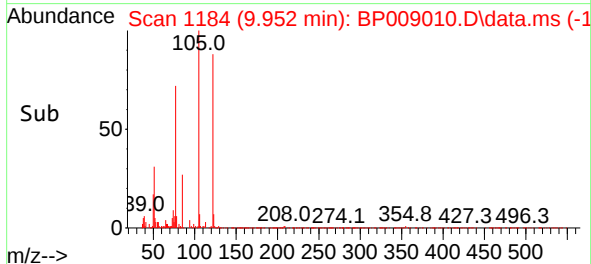
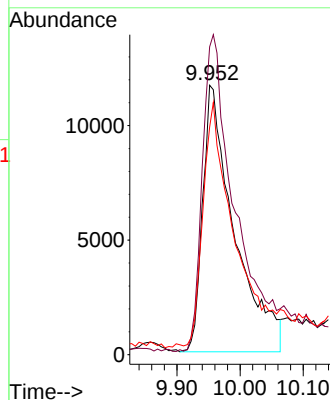
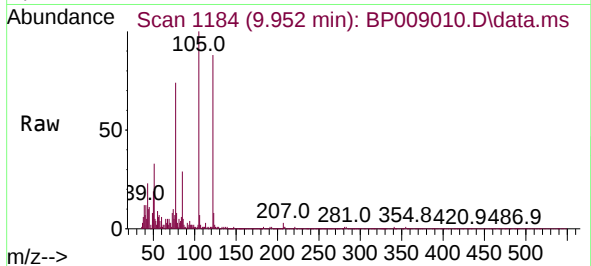




#32
Benzoic acid
Concen: 6.314 ng
RT: 9.952 min Scan# 1194
Delta R.T. -0.059 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

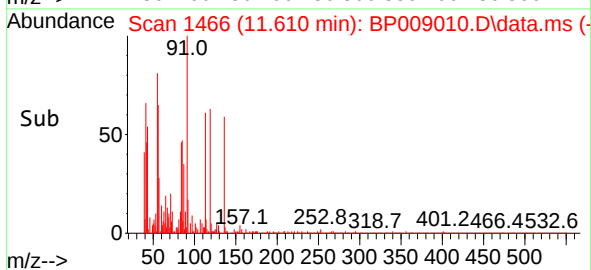
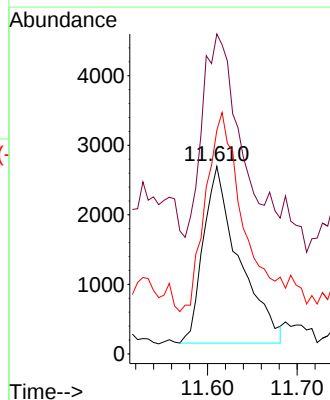
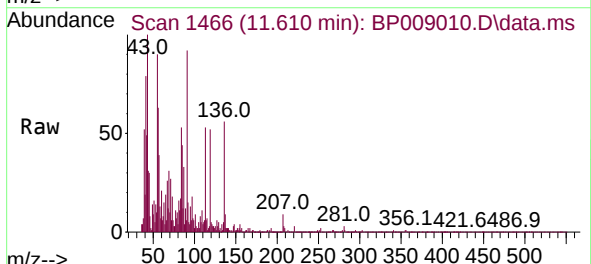
Instrument :
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VNJ-242

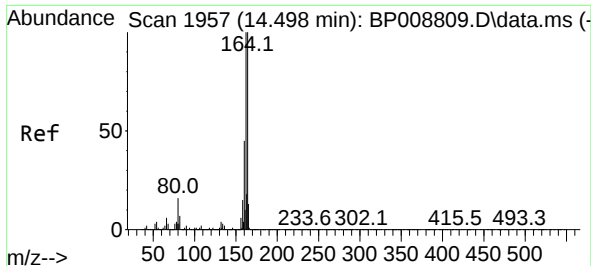
Tgt Ion:122 Resp: 40588
Ion Ratio Lower Upper
122 100
105 114.2 100.1 140.1
77 84.4 65.5 105.5



#35
Caprolactam
Concen: 2.086 ng
RT: 11.610 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

Tgt Ion:113 Resp: 7030
Ion Ratio Lower Upper
113 100
55 170.6 107.1 147.1#
56 119.3 74.1 114.1#

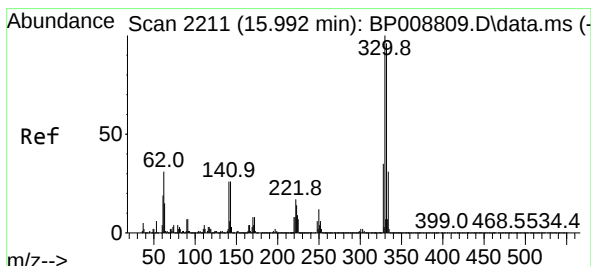
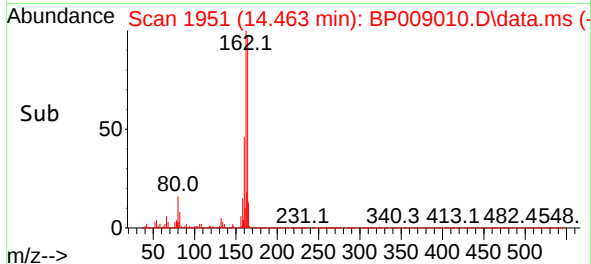
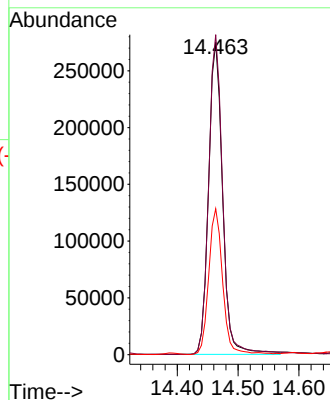
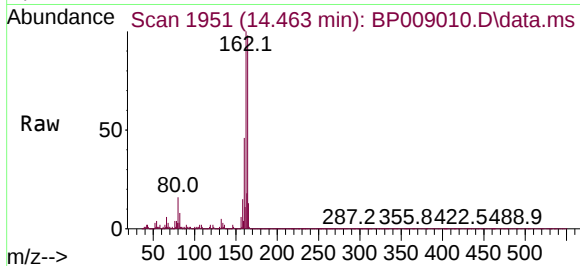




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

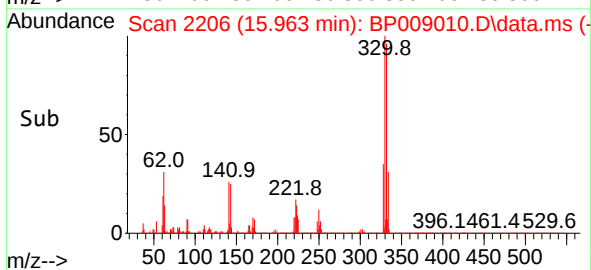
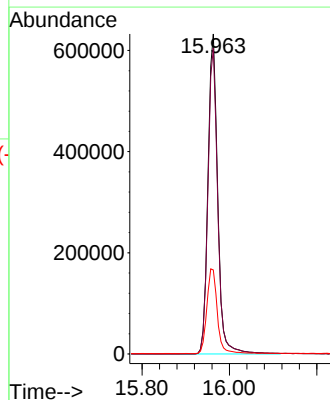
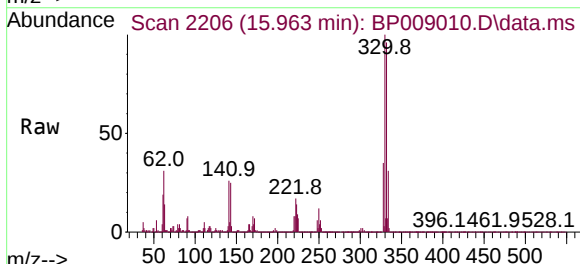
Instrument :
BNA_P
ClientSampleId :
VNJ-242

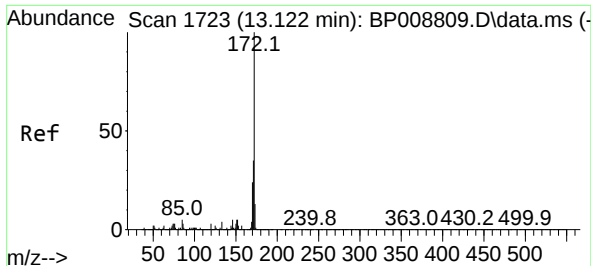
Tgt Ion:164 Resp: 441012
Ion Ratio Lower Upper
164 100
162 102.4 79.9 119.9
160 46.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 152.919 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

Tgt Ion:330 Resp: 981648
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 28.5 21.3 31.9

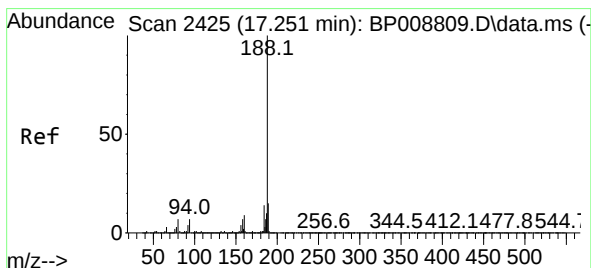
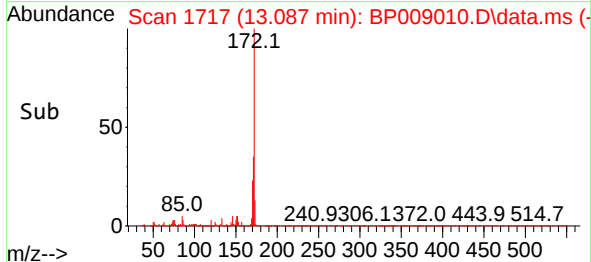
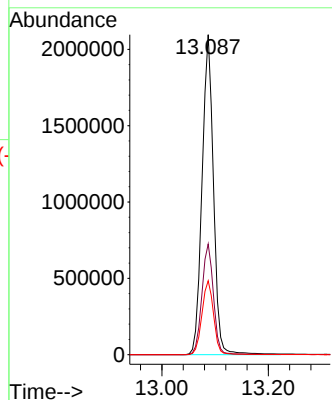
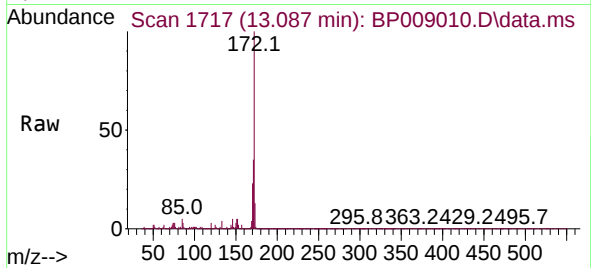




#45
2-Fluorobiphenyl
Concen: 93.244 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

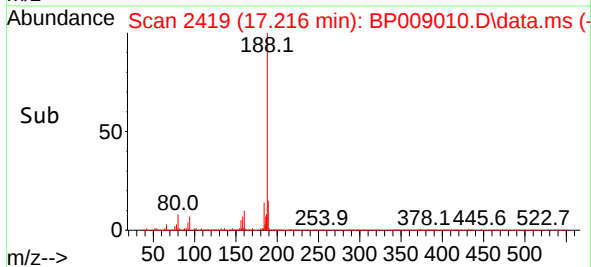
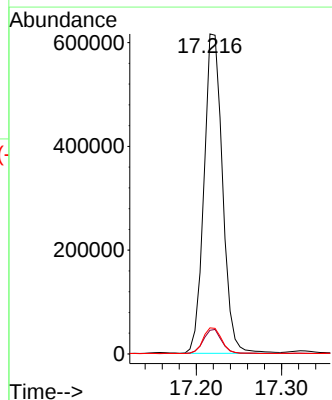
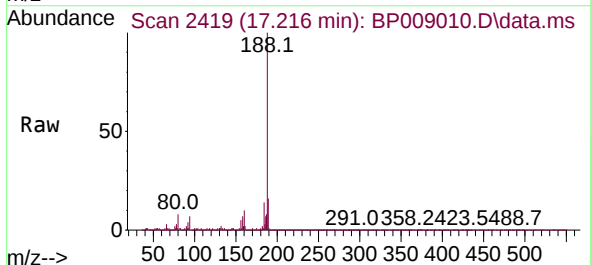
Instrument :
BNA_P
ClientSampleId :
VNJ-242

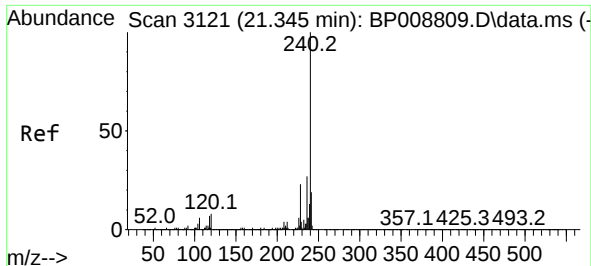
Tgt Ion:172 Resp: 3118262
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 23.1 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

Tgt Ion:188 Resp: 930384
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 8.1 7.2 10.8

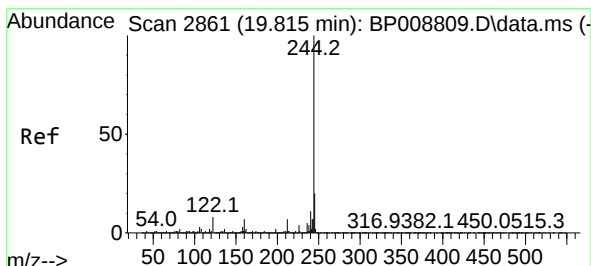
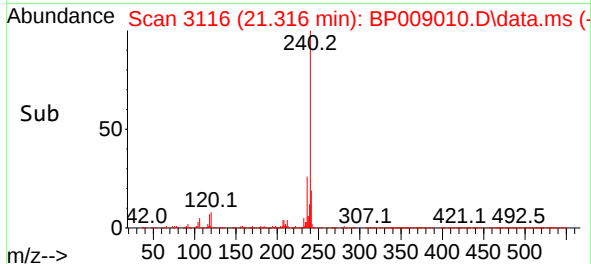
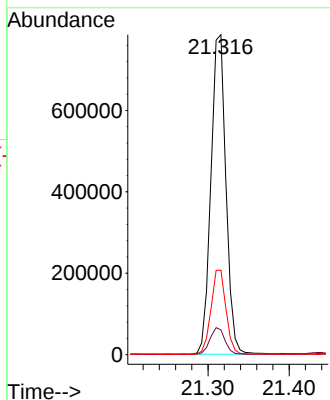
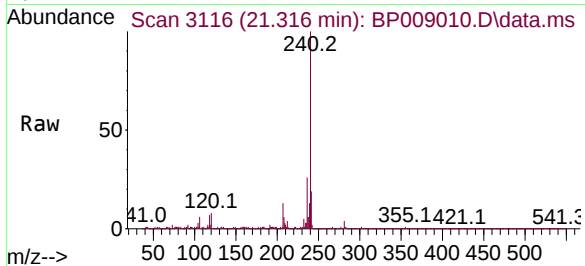




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

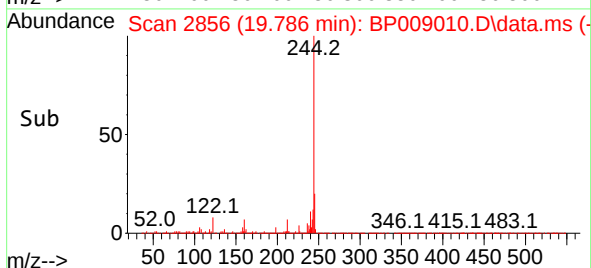
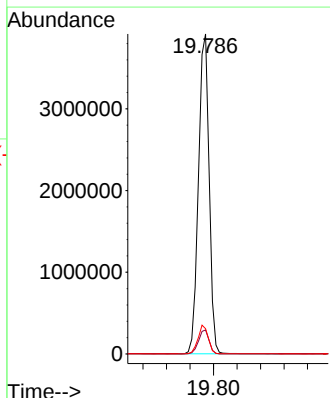
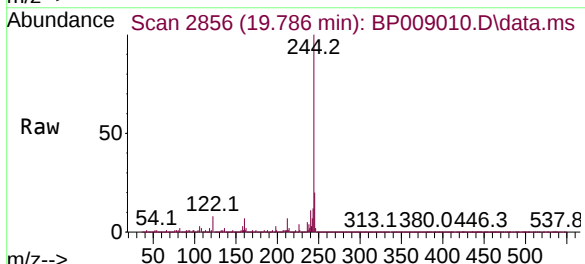
Instrument :
BNA_P
ClientSampleId :
VNJ-242

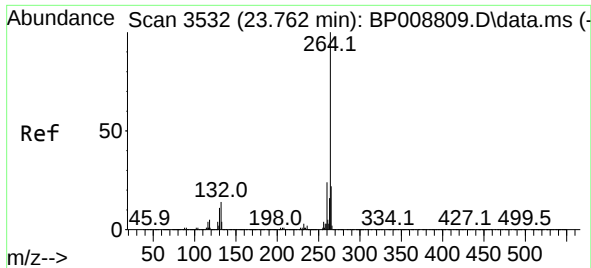
Tgt Ion:240 Resp: 1008952
Ion Ratio Lower Upper
240 100
120 7.8 7.7 11.5
236 26.4 21.2 31.8



#79
Terphenyl-d14
Concen: 82.239 ng
RT: 19.786 min Scan# 2856
Delta R.T. 0.000 min
Lab File: BP009010.D
Acq: 02 Feb 2022 17:11

Tgt Ion:244 Resp: 4915739
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 7.9 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.722 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP009010.D
 Acq: 02 Feb 2022 17:11

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242

Tgt Ion:264 Resp: 1128795
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 22.3 17.1 25.7

