

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128657.D
 Acq On : 03 Jun 2022 00:39
 Operator : CG\JU
 Sample : N2990-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS001-0612-02

Quant Time: Jun 03 03:28:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

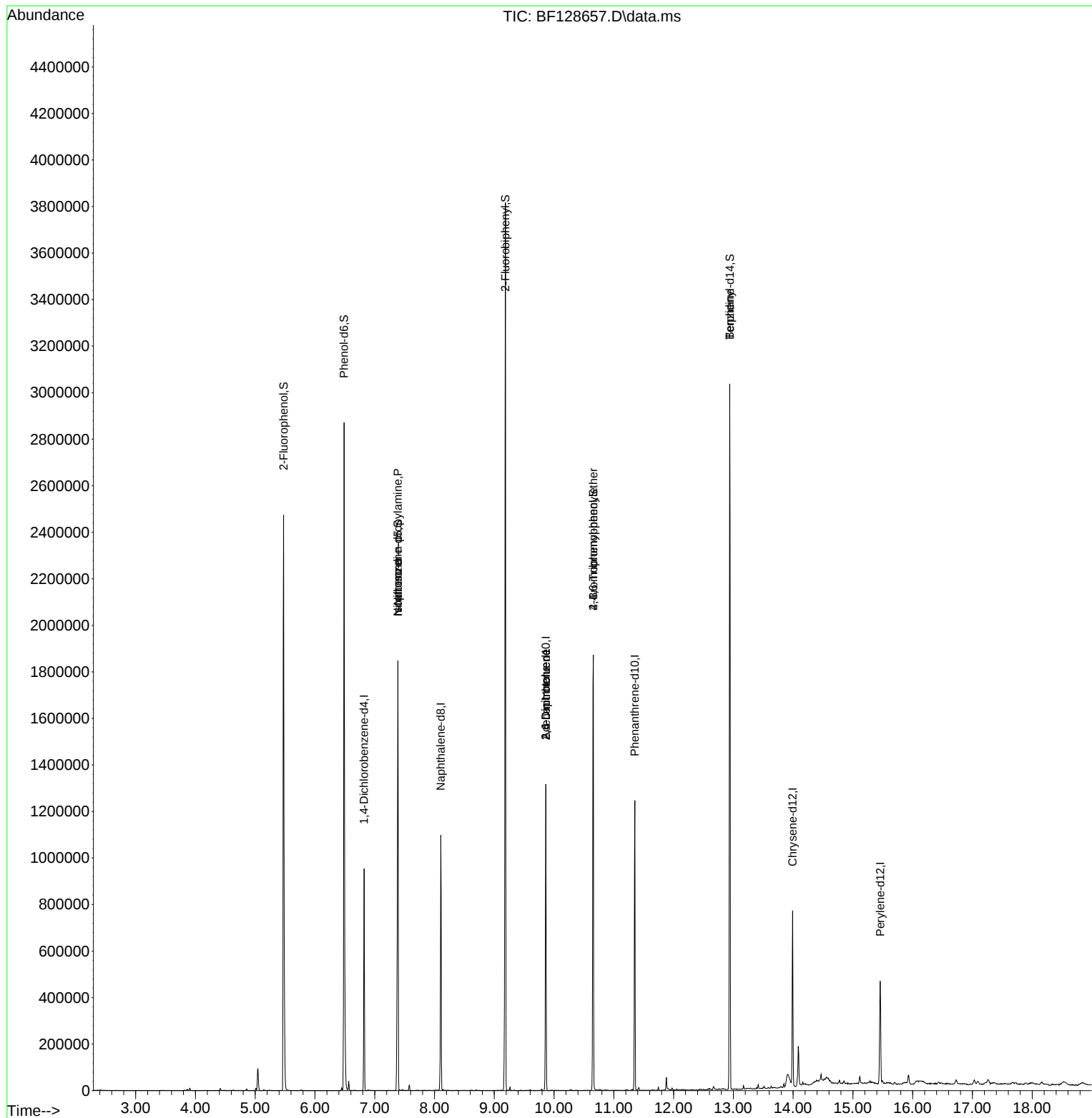
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	115106	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	438702	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	239897	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	426137	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	242494	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	204947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	612200	84.716	ng	0.00
7) Phenol-d6	6.487	99	789810	89.536	ng	-0.01
23) Nitrobenzene-d5	7.387	82	588858	62.494	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	207140	73.078	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1101126	64.297	ng	0.00
79) Terphenyl-d14	12.939	244	1018568	72.987	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	86069	15.693	ng	# 83
25) Isophorone	7.387	82	586959	41.015	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	31628	9.759	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	31628	7.313	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	13575	2.857	ng	# 1
77) Benzidine	12.939	184	16573	3.428	ng	# 92

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

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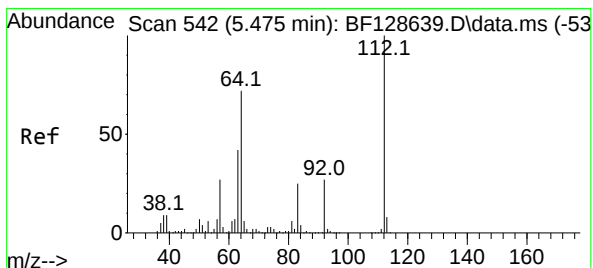
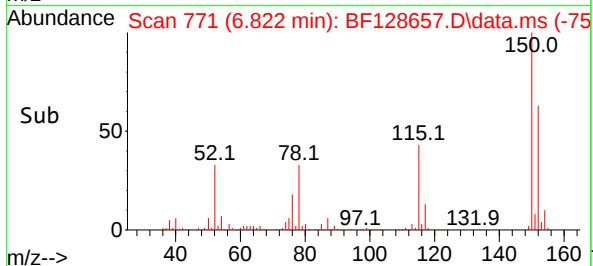
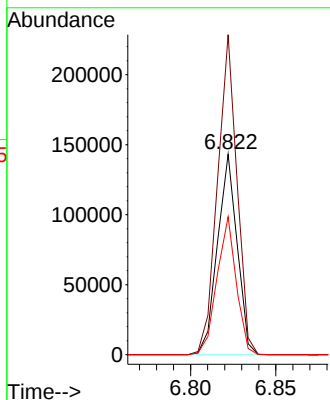
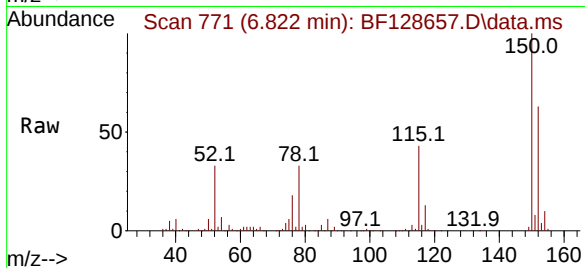




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

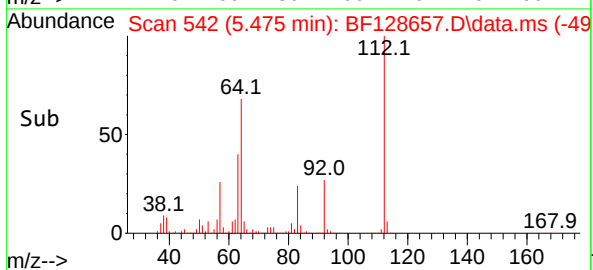
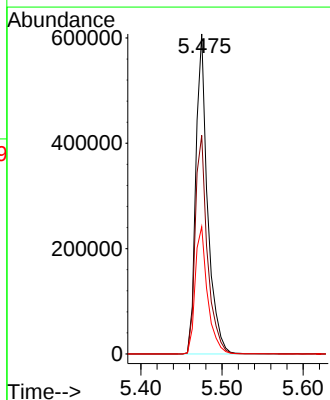
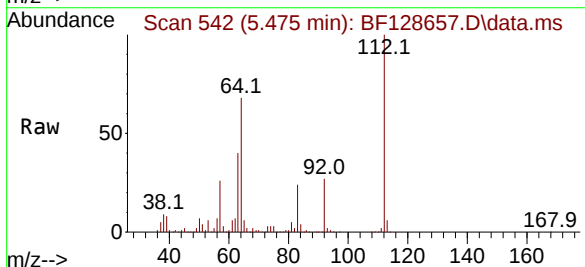
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0612-02

Tgt Ion:152 Resp: 115106
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 68.8 49.9 74.9



#5
2-Fluorophenol
Concen: 84.716 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.000 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

Tgt Ion:112 Resp: 612200
Ion Ratio Lower Upper
112 100
64 68.3 53.3 79.9
63 39.7 28.0 42.0

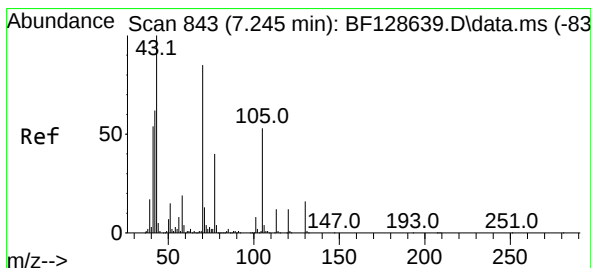
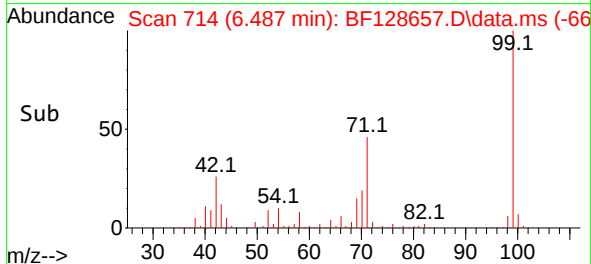
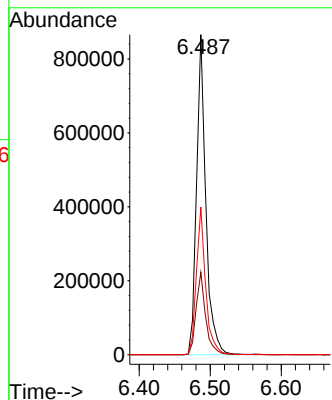
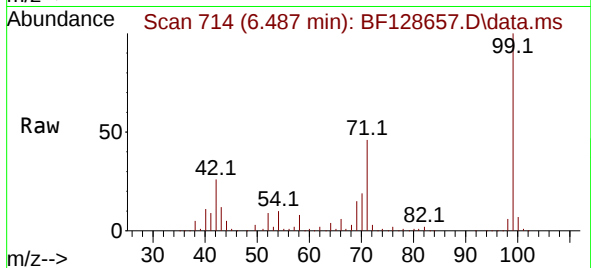




#7
Phenol-d6
Concen: 89.536 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

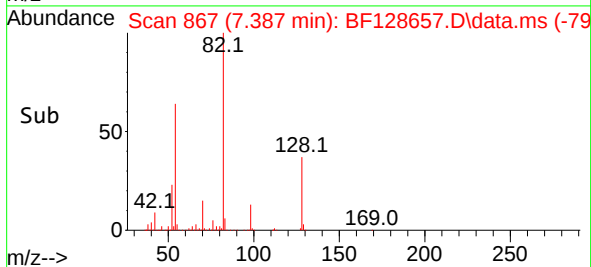
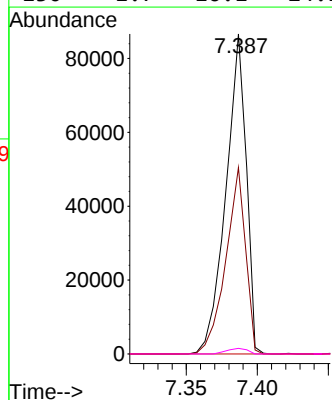
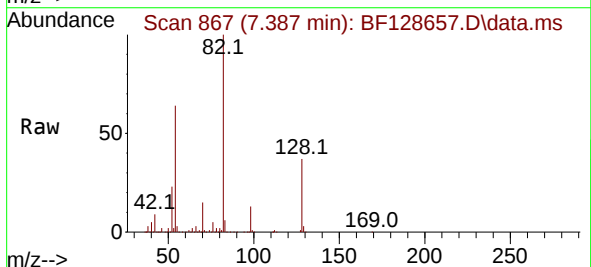
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0612-02

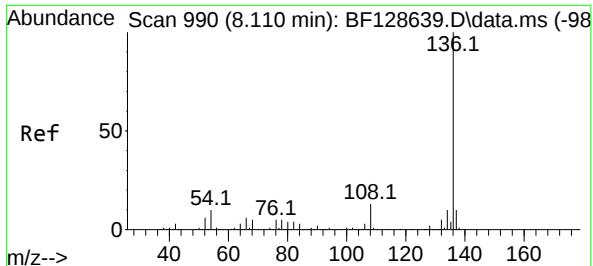
Tgt Ion: 99 Resp: 789810
Ion Ratio Lower Upper
99 100
42 25.8 17.3 25.9
71 46.2 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.693 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

Tgt Ion: 70 Resp: 86069
Ion Ratio Lower Upper
70 100
42 58.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



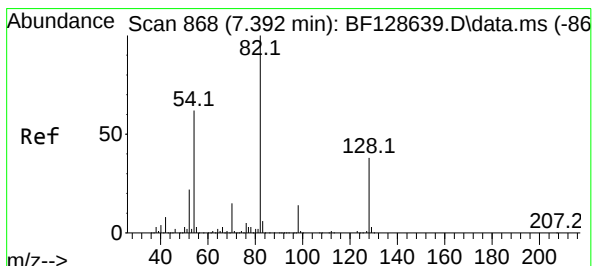
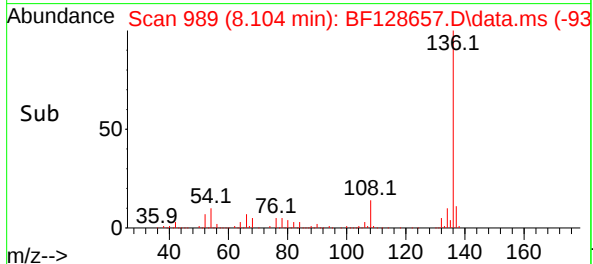
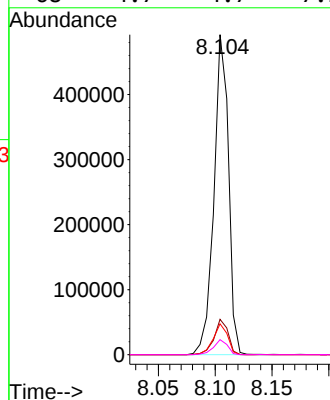
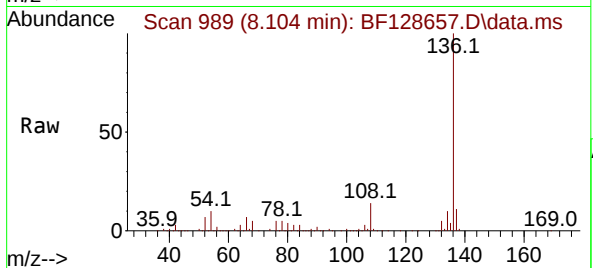


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

Instrument :
BNA_F
ClientSampleId :
P028-SS001-0612-02

Tgt Ion:136 Resp: 438702

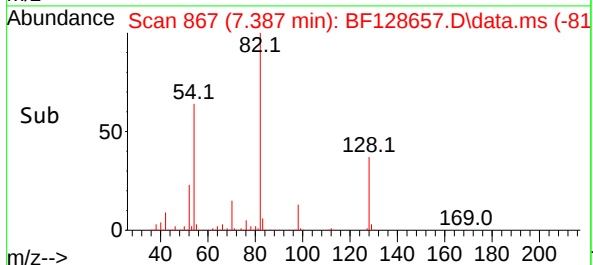
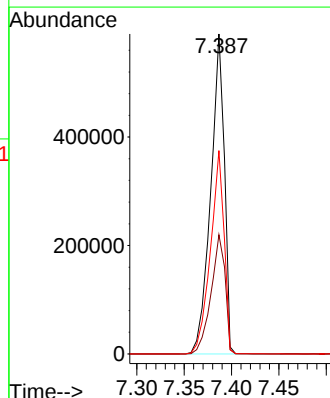
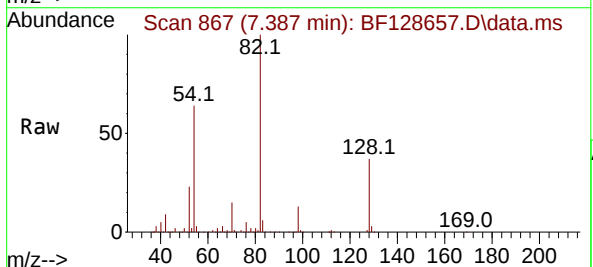
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.7	7.5	11.3
68	4.7	4.7	7.1

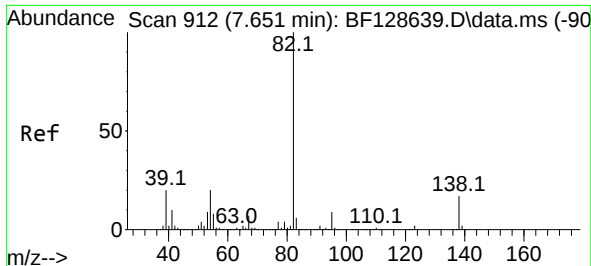


#23
Nitrobenzene-d5
Concen: 62.494 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

Tgt Ion: 82 Resp: 588858

Ion	Ratio	Lower	Upper
82	100		
128	37.3	34.0	51.0
54	63.6	46.9	70.3

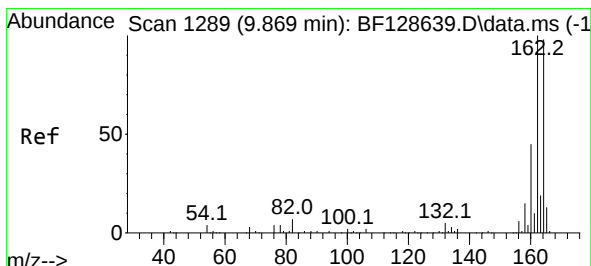
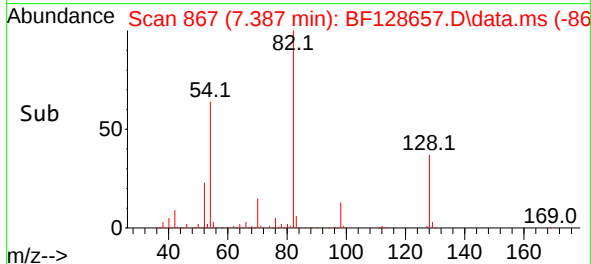
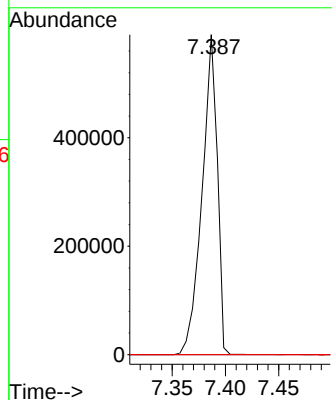
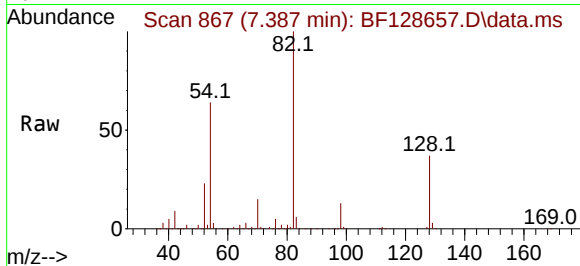




#25
Isophorone
Concen: 41.015 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

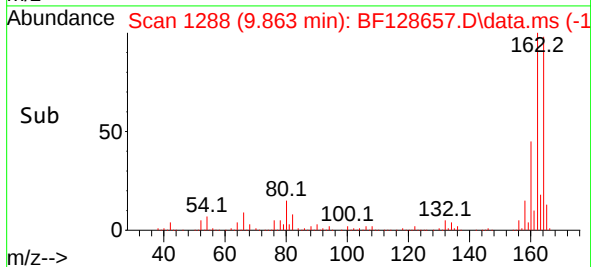
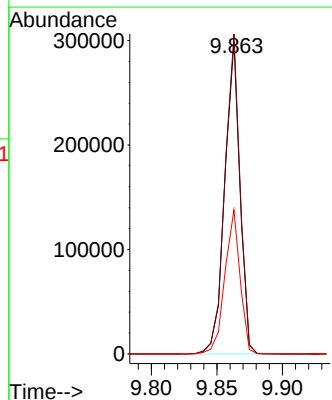
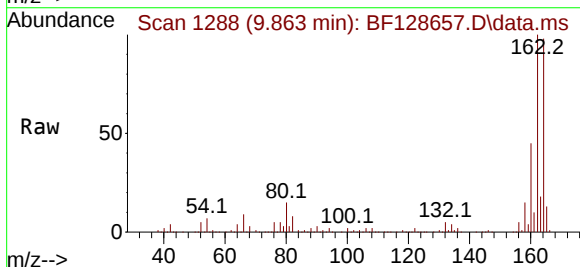
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0612-02

Tgt Ion: 82 Resp: 586959
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

Tgt Ion:164 Resp: 239897
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 46.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 73.078 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128657.D

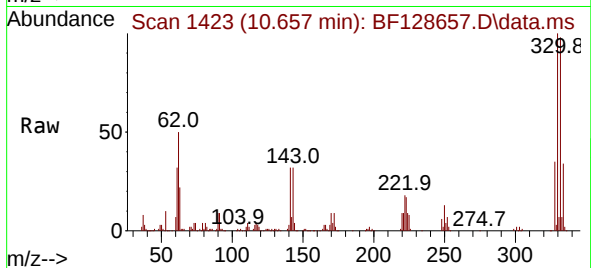
Acq: 03 Jun 2022 00:39

Instrument :

BNA_F

ClientSampleId :

P028-SS001-0612-02



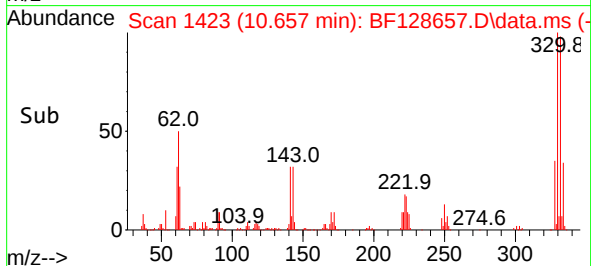
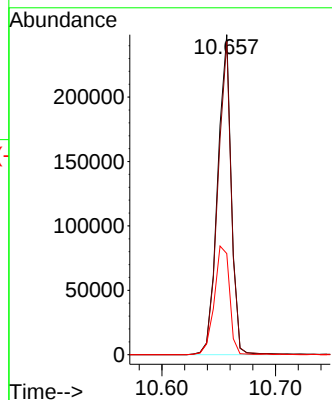
Tgt Ion:330 Resp: 207140

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 38.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.297 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BF128657.D

Acq: 03 Jun 2022 00:39

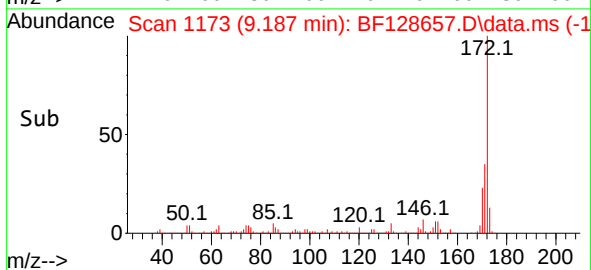
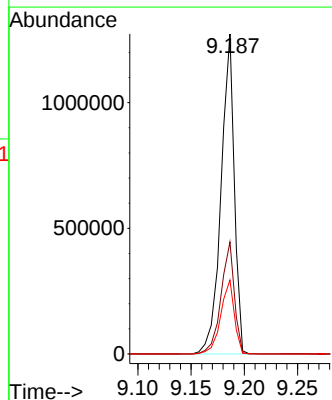
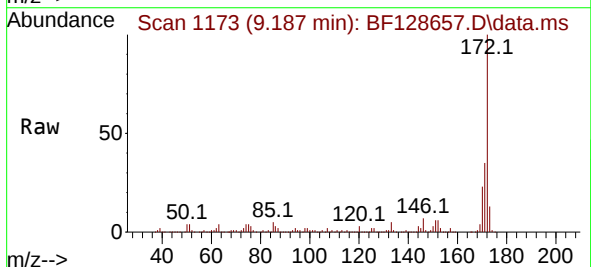
Tgt Ion:172 Resp: 1101126

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.1 19.8 29.8

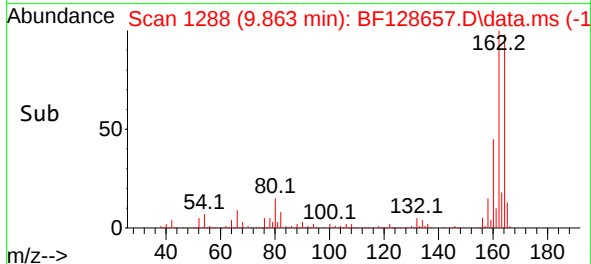
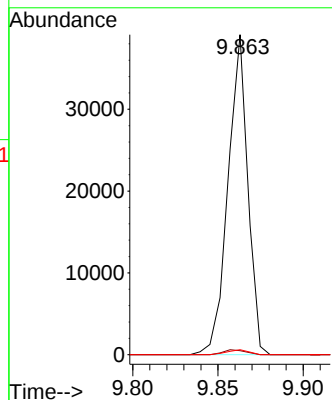
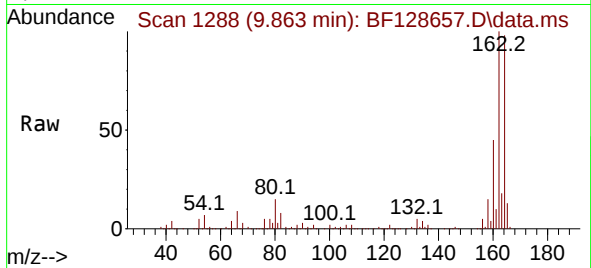




#51
2,6-Dinitrotoluene
Concen: 9.759 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

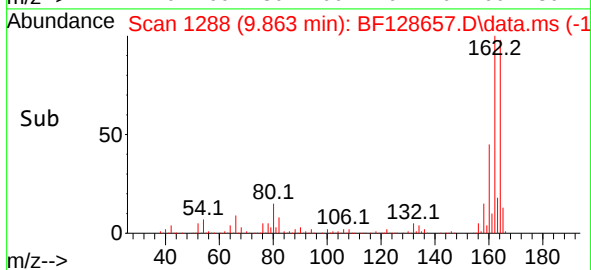
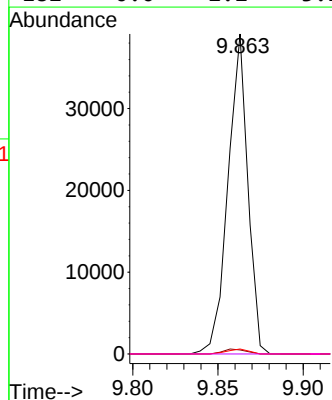
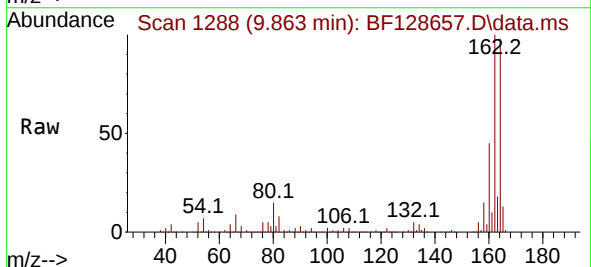
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0612-02

Tgt Ion:165 Resp: 31628
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.313 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

Tgt Ion:165 Resp: 31628
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

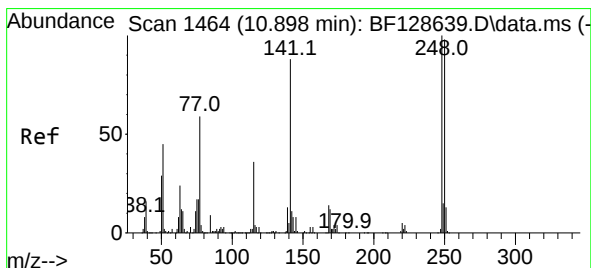
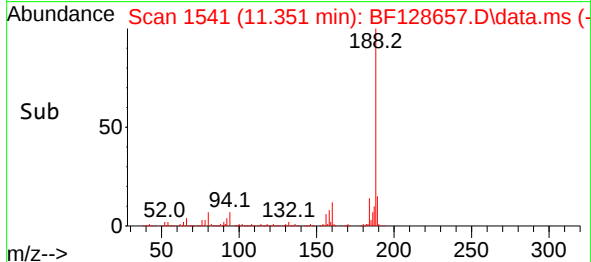
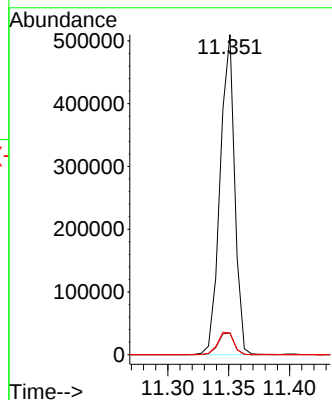
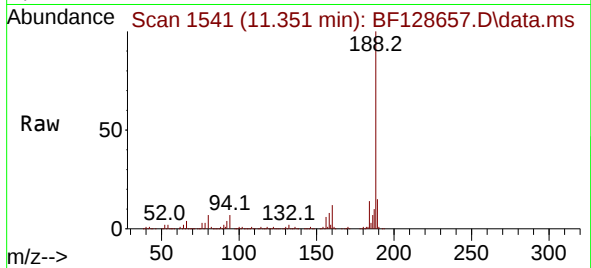




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

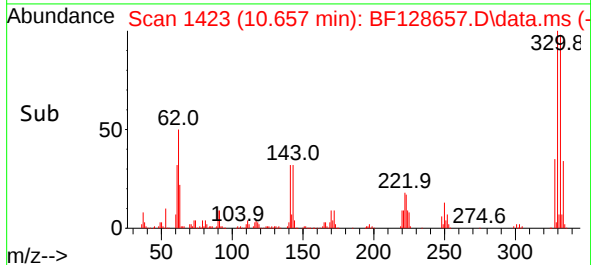
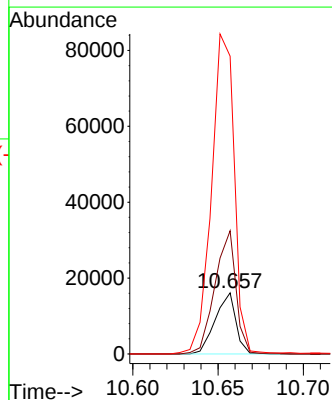
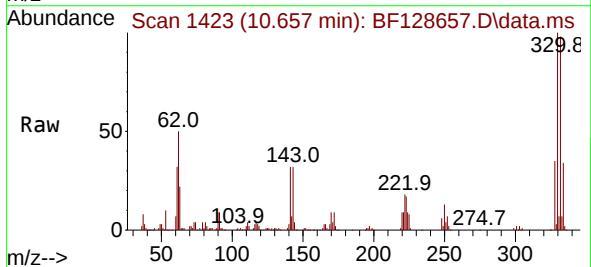
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0612-02

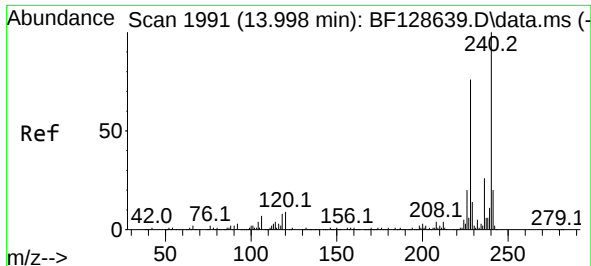
Tgt Ion:188 Resp: 426137
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 6.8 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 2.857 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

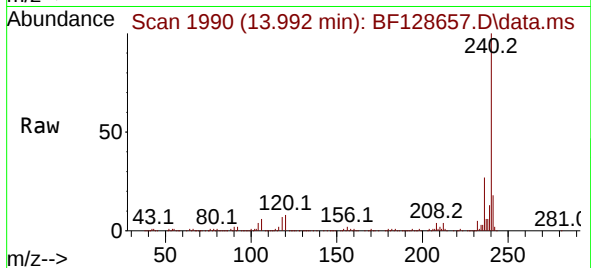
Tgt Ion:248 Resp: 13575
Ion Ratio Lower Upper
248 100
250 201.5 80.6 120.8#
141 487.1 58.9 88.3#



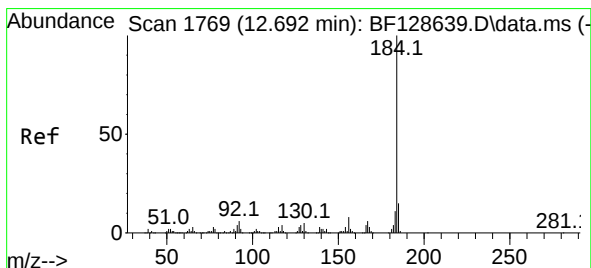
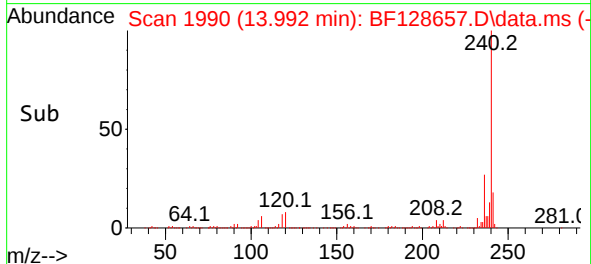
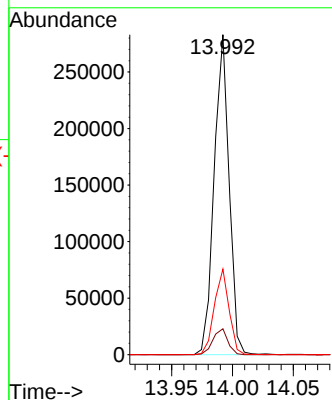


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

Instrument :
BNA_F
ClientSampleId :
P028-SS001-0612-02

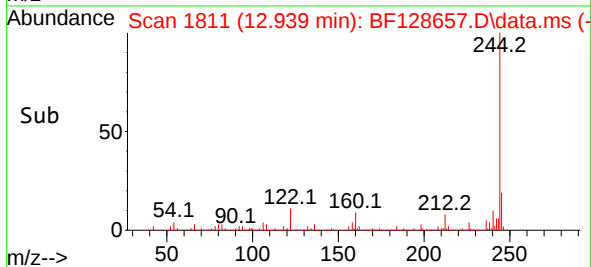
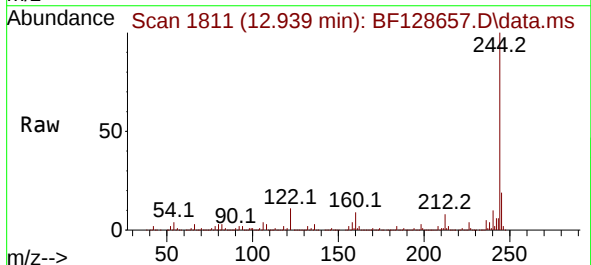
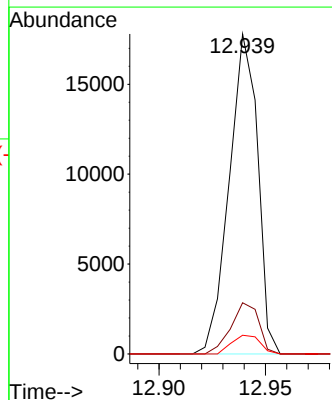


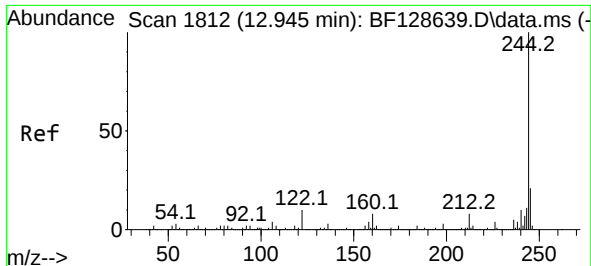
Tgt Ion:240 Resp: 242494
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 26.7 20.8 31.2



#77
Benzidine
Concen: 3.428 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128657.D
Acq: 03 Jun 2022 00:39

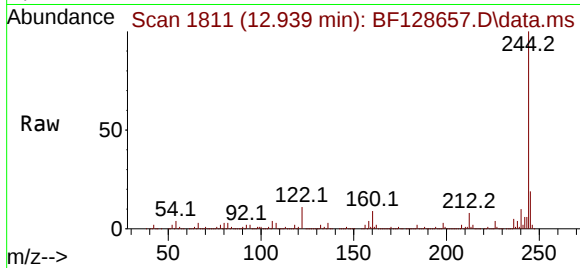
Tgt Ion:184 Resp: 16573
Ion Ratio Lower Upper
184 100
185 16.0 11.9 17.9
183 5.9 9.3 13.9#





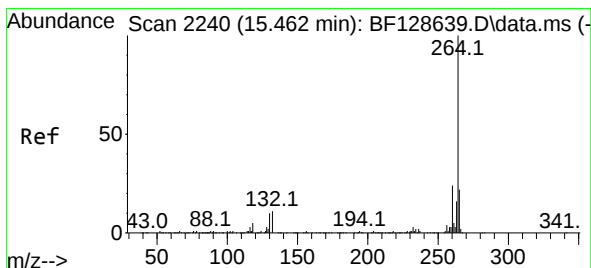
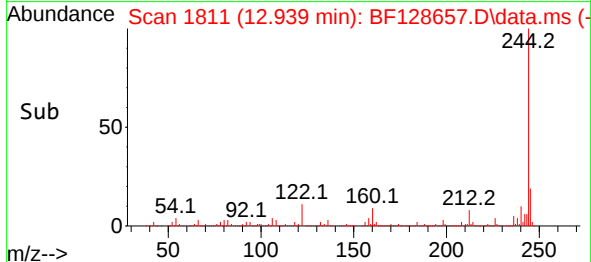
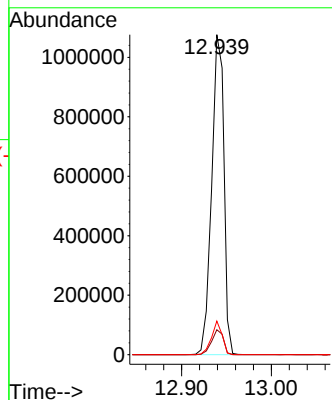
#79
 Terphenyl-d14
 Concen: 72.987 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128657.D
 Acq: 03 Jun 2022 00:39

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS001-0612-02



Tgt Ion:244 Resp: 1018568

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	10.5	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128657.D
 Acq: 03 Jun 2022 00:39

Tgt Ion:264 Resp: 204947

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.5	17.2	25.8

