

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003310.D
 Acq On : 16 Sep 2020 19:51
 Operator : CG/JU
 Sample : L4018-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LACY-08

Quant Time: Sep 17 02:32:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:18:39 2020
 Response via : Initial Calibration

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

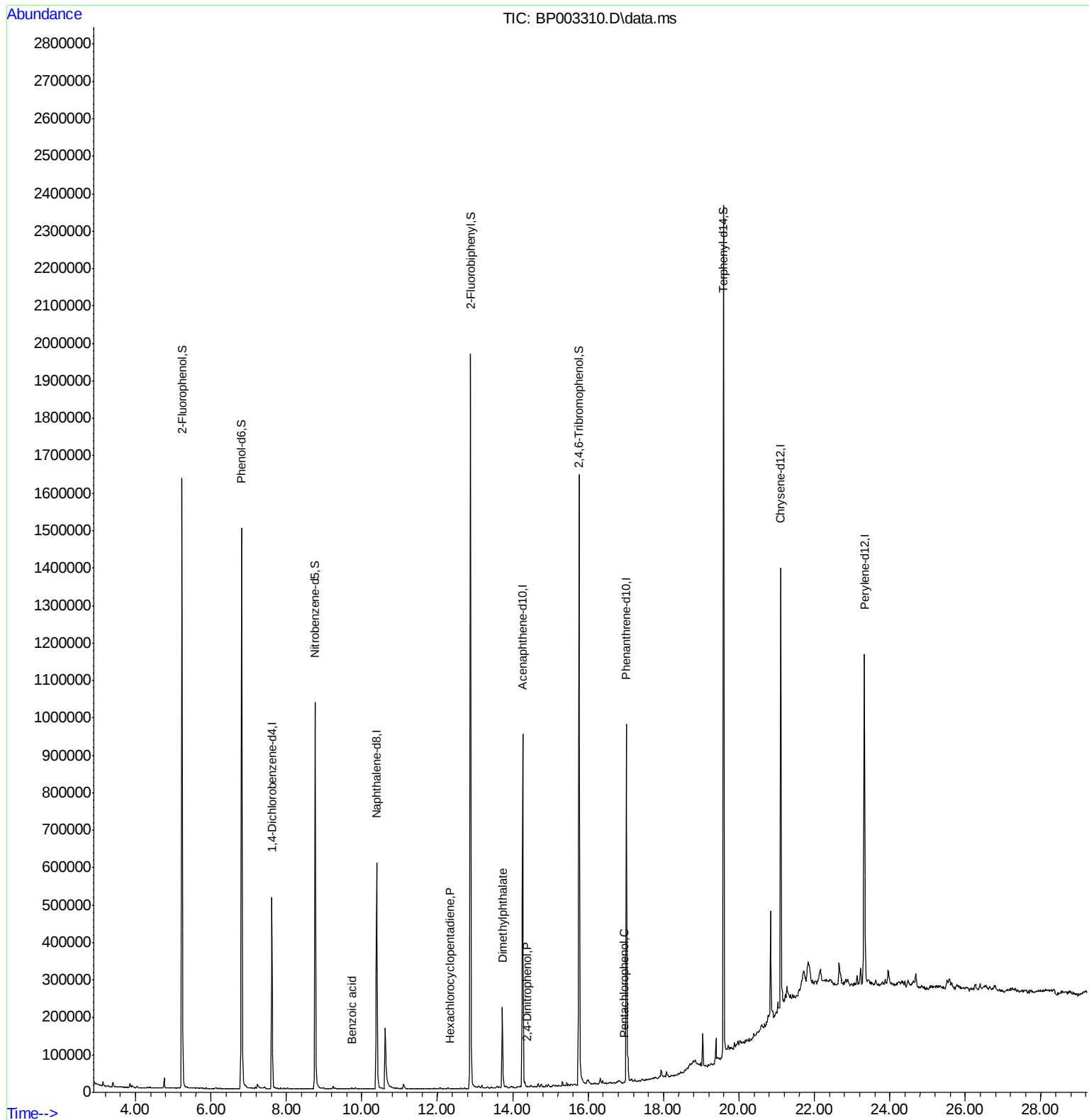
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	145700	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	564686	20.00	ng	# 0.00
39) Acenaphthene-d10	14.263	164	321867	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	592155	20.00	ng	0.00
76) Chrysene-d12	21.104	240	574610	20.00	ng	0.00
86) Perylene-d12	23.322	264	652958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	806011	96.60	ng	0.00
7) Phenol-d6	6.811	99	990624	89.07	ng	0.00
23) Nitrobenzene-d5	8.763	82	653725	68.01	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	362853	73.91	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1099779	49.97	ng	0.00
79) Terphenyl-d14	19.586	244	1016997	36.88	ng	0.00
Target Compounds						
32) Benzoic acid	9.746	122	24	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.346	237	17	6.84	ng	82
50) Dimethylphthalate	13.722	163	166189	6.47	ng	98
54) 2,4-Dinitrophenol	14.381	184	33	7.26	ng	# 1
70) Pentachlorophenol	16.951	266	14	6.77	ng	95

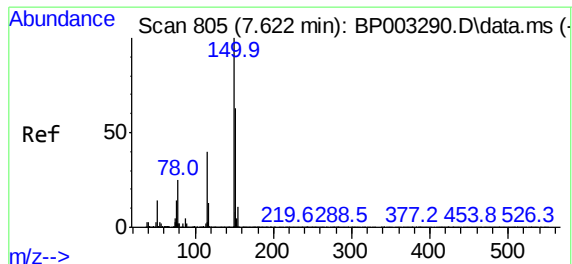
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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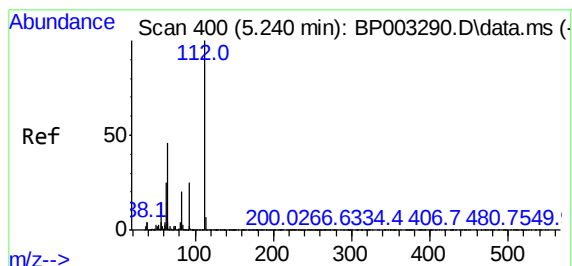
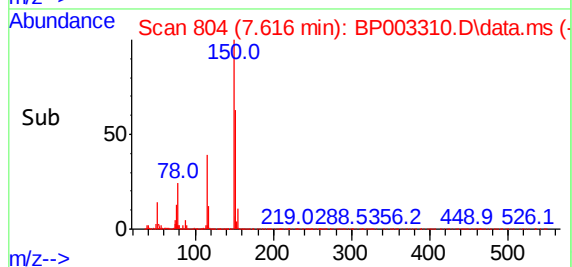
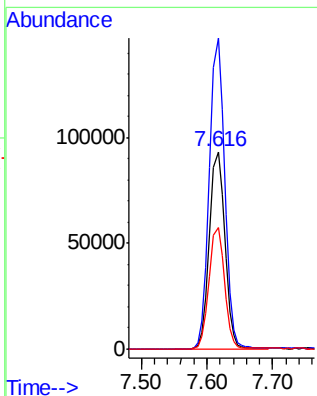
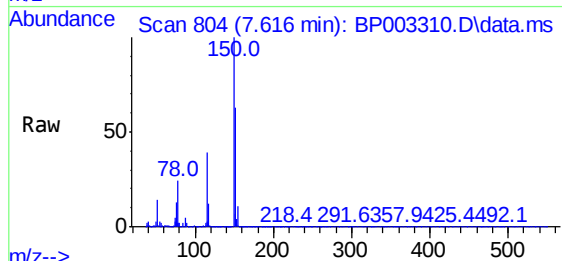




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

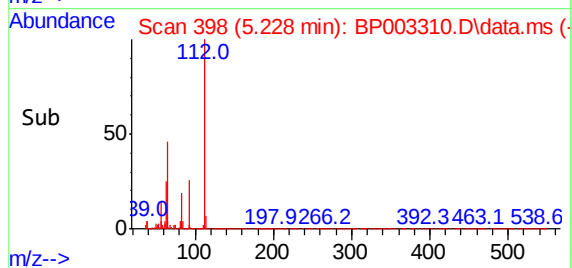
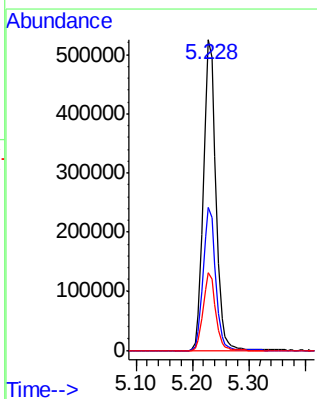
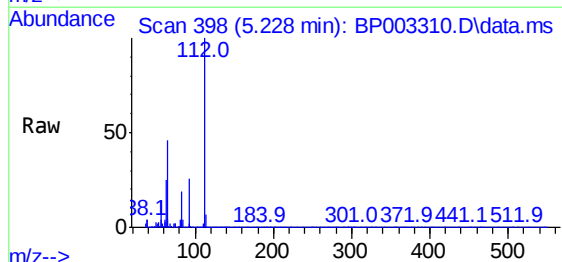
Instrument :
BNA_P
ClientSampleId :
LACY-08

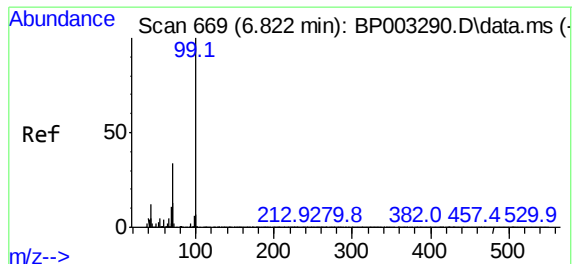
Tgt Ion:152 Resp: 145700
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 61.3 43.8 65.6



#5
2-Fluorophenol
Concen: 96.60 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion:112 Resp: 806011
Ion Ratio Lower Upper
112 100
64 46.1 32.8 49.2
63 25.1 17.0 25.4

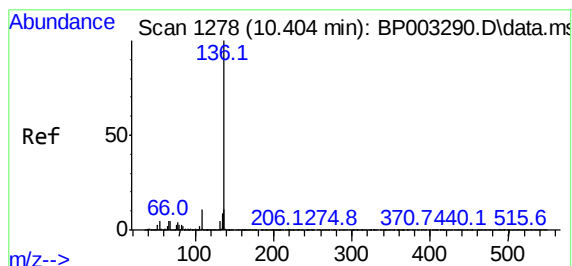
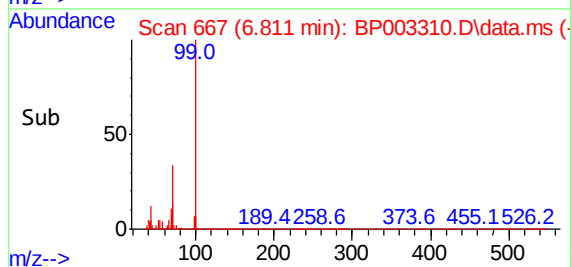
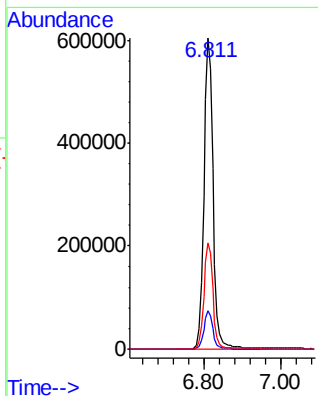
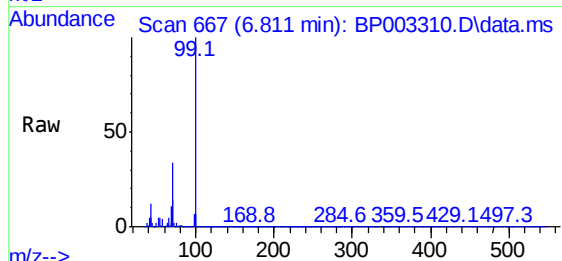




#7
Phenol-d6
Concen: 89.07 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

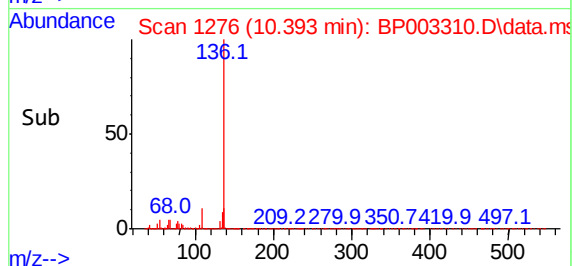
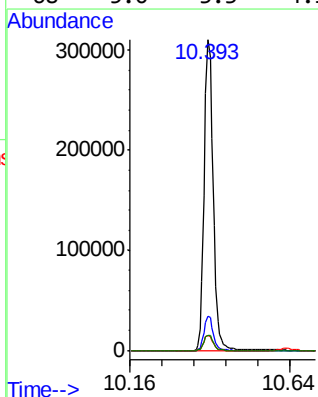
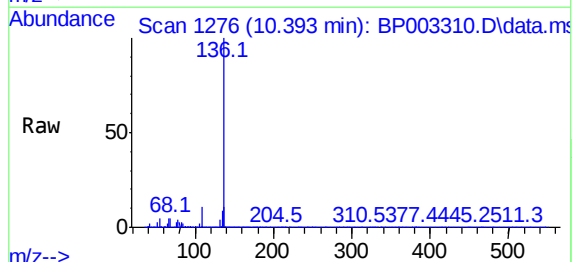
Instrument :
BNA_P
ClientSampleId :
LACY-08

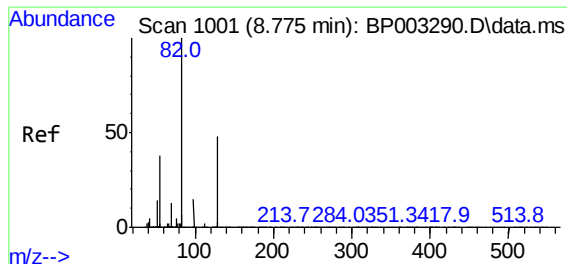
Tgt Ion: 99 Resp: 990624
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 34.0 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion: 136 Resp: 564686
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.0 3.6 5.4
68 5.0 3.3 4.9

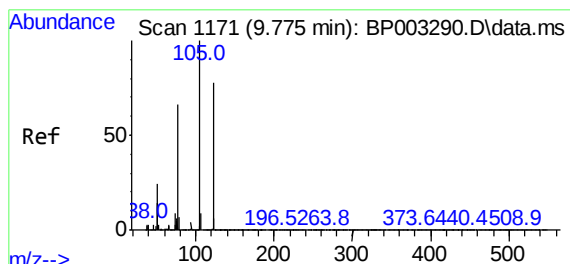
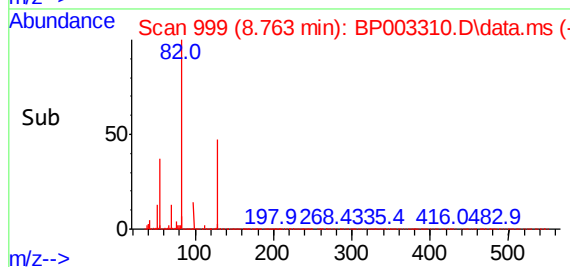
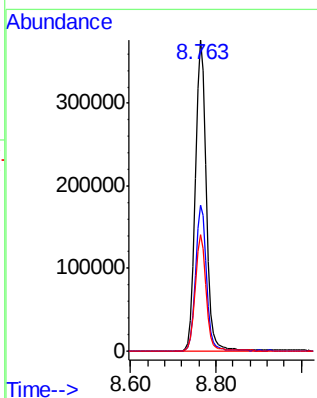
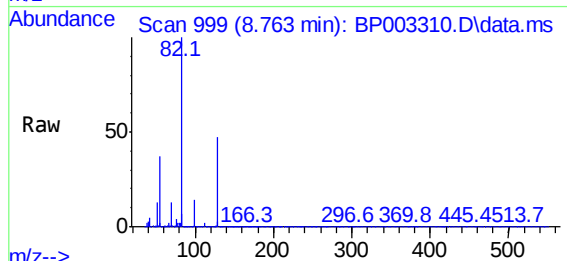




#23
Nitrobenzene-d5
Concen: 68.01 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

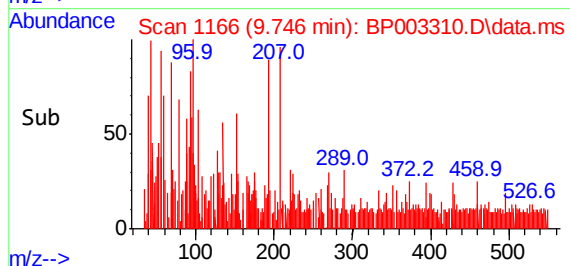
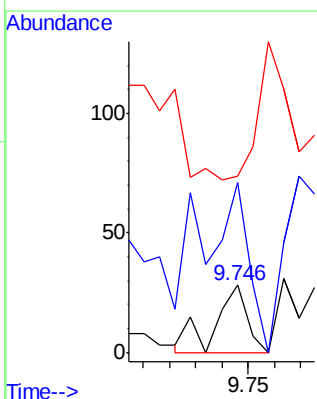
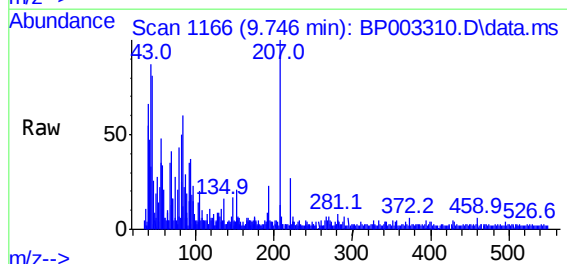
Instrument :
BNA_P
ClientSampleId :
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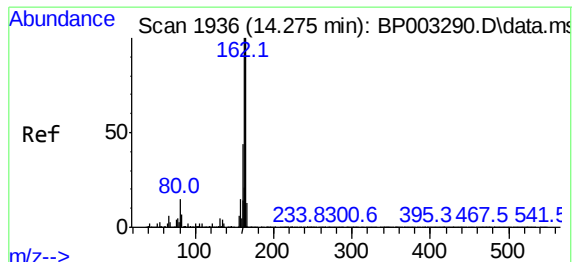
Tgt Ion: 82 Resp: 653725
Ion Ratio Lower Upper
82 100
128 46.9 45.6 68.4
54 37.4 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.746 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 253.6 94.1 134.1#
77 264.3 50.1 90.1#

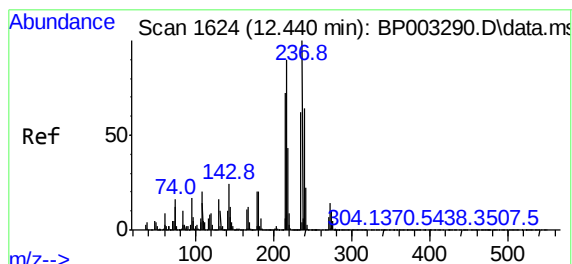
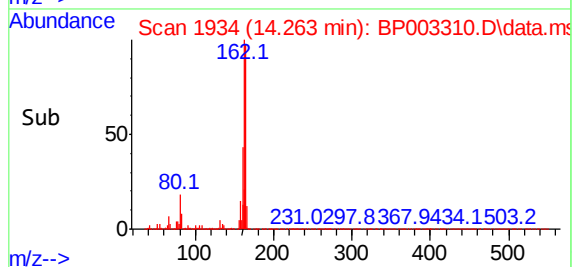
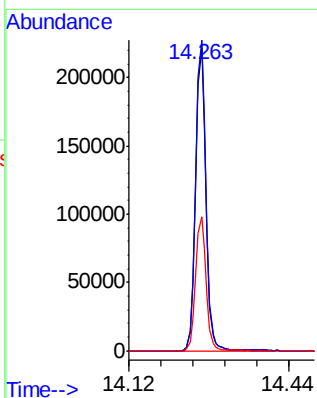
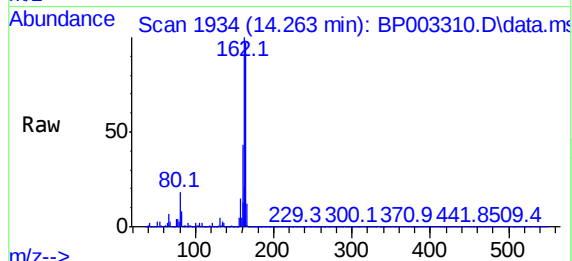




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

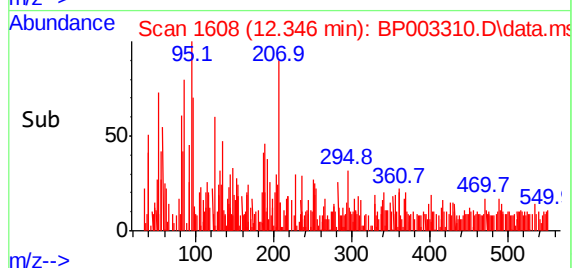
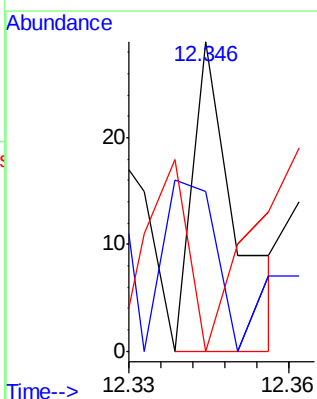
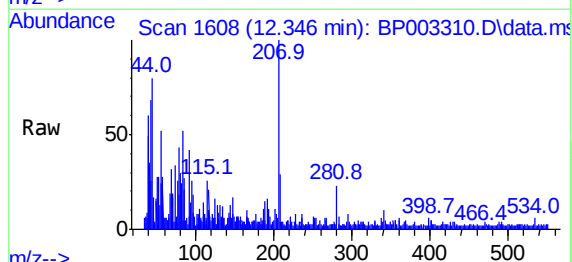
Instrument :
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ClientSampleId :
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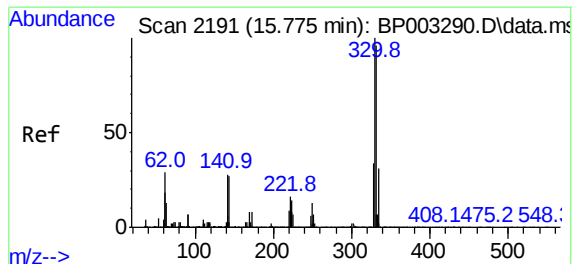
Tgt Ion:164 Resp: 321867
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.2
160 44.1 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.346 min Scan# 1608
Delta R.T. -0.082 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 51.7 43.2 83.2
272 0.0 0.0 33.3

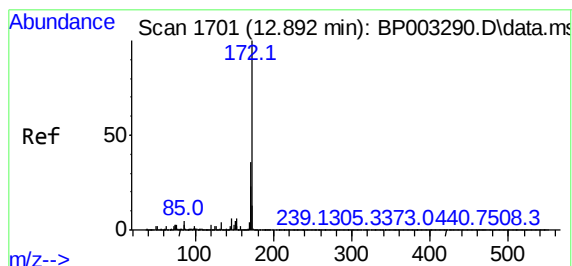
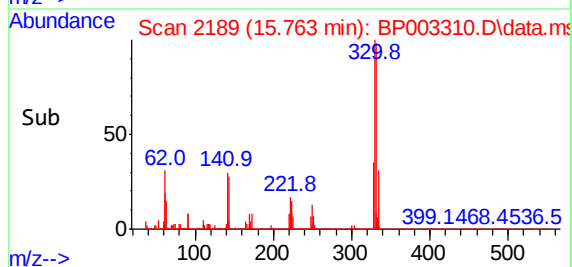
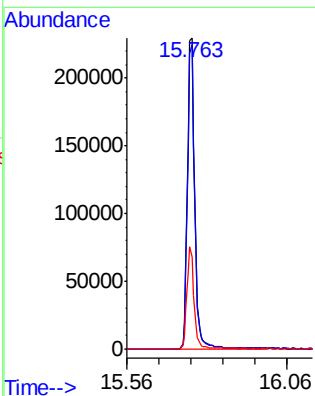
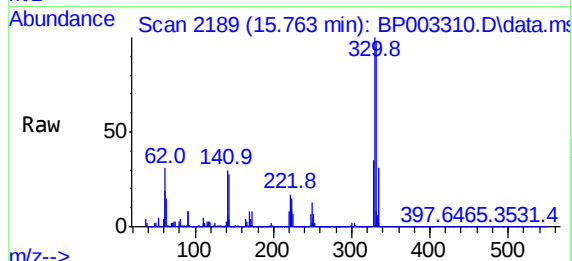




#42
2,4,6-Tribromophenol
Concen: 73.91 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

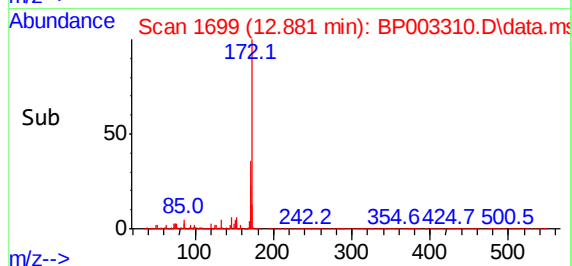
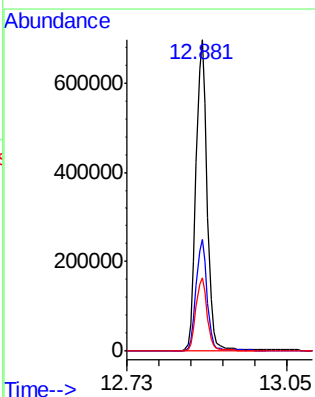
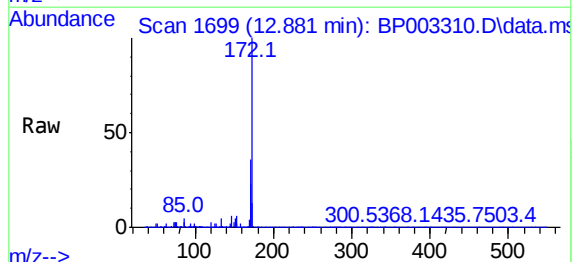
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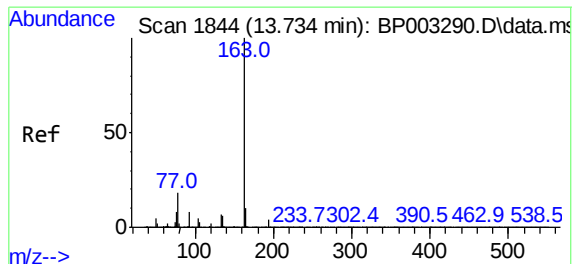
Tgt Ion:330 Resp: 362853
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 49.97 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion:172 Resp: 1099779
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.4 19.2 28.8

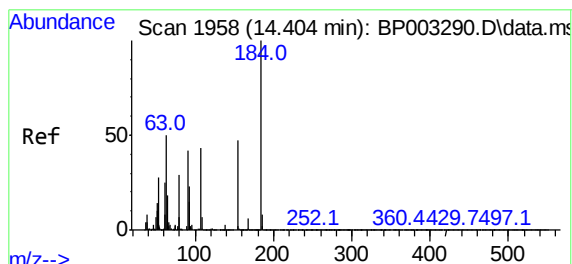
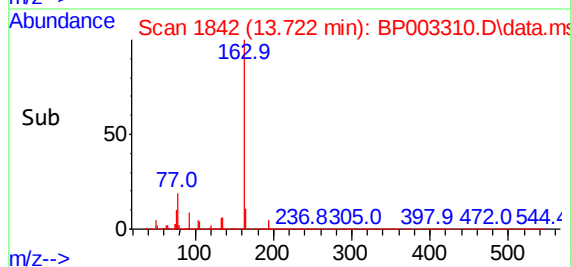
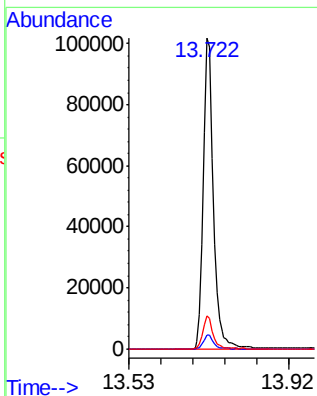
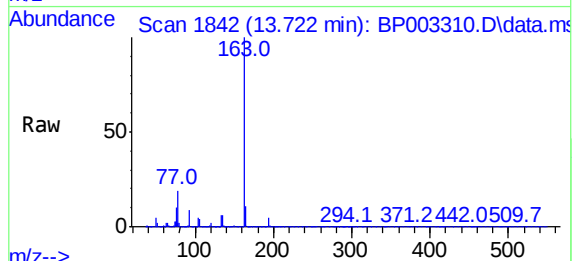




#50
Dimethylphthalate
Concen: 6.47 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

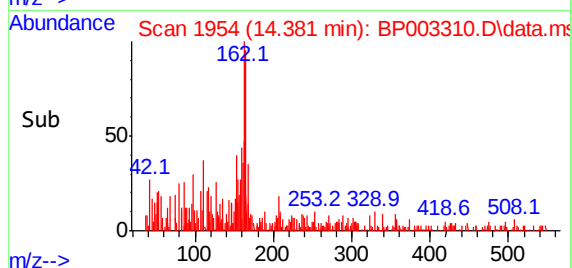
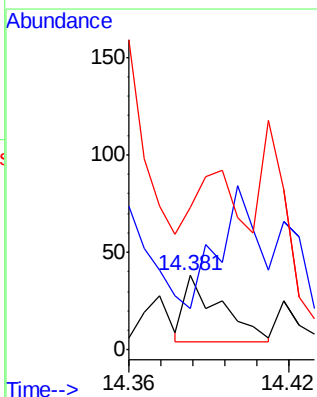
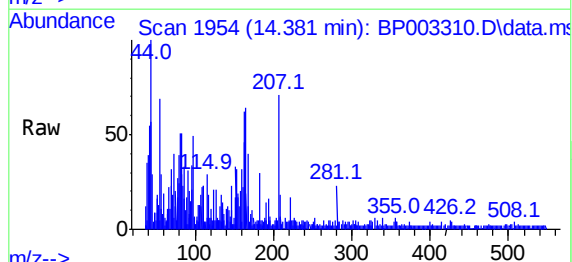
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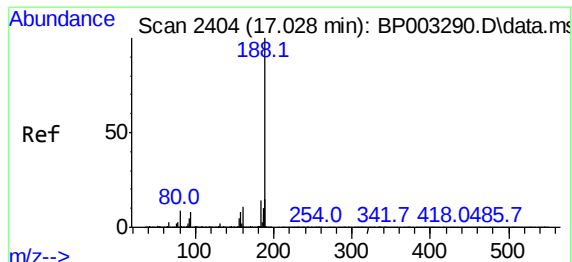
Tgt Ion:163 Resp: 166189
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.8 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.381 min Scan# 1954
Delta R.T. -0.017 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion:184 Resp: 33
Ion Ratio Lower Upper
184 100
63 55.3 32.3 48.5#
154 192.1 49.1 73.7#

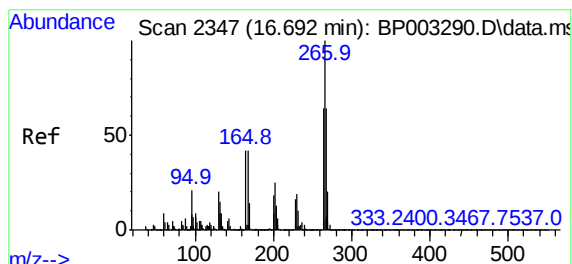
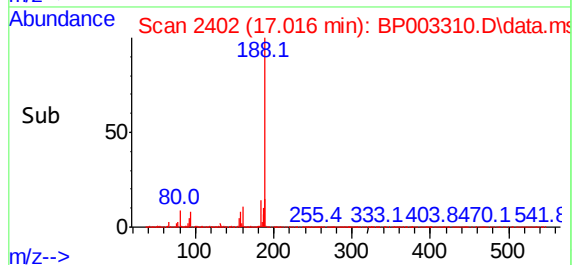
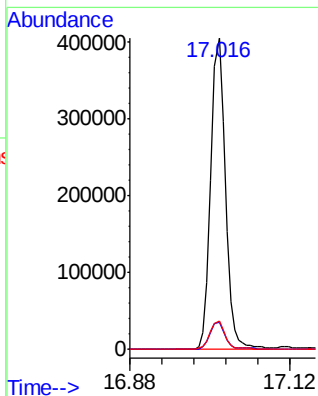
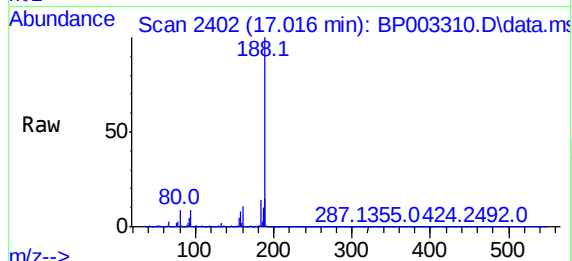




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

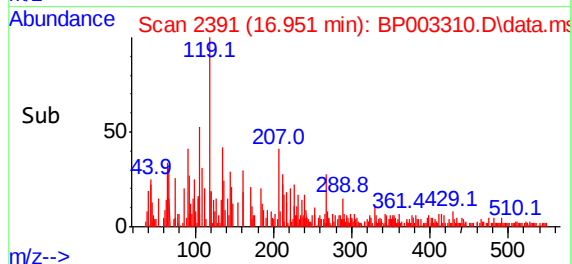
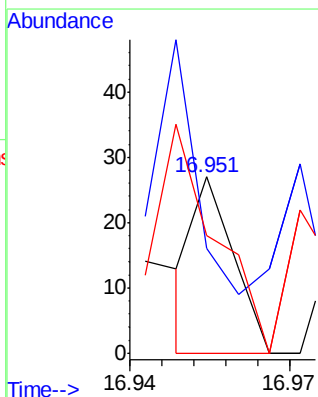
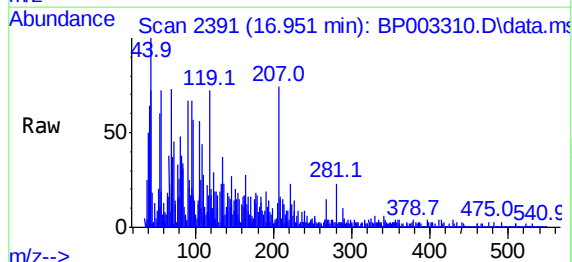
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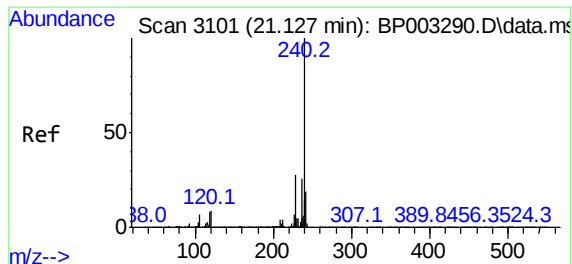
Tgt Ion:188 Resp: 592155
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 8.9 6.2 9.2



#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.265 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
268 59.3 51.1 76.7
264 66.7 50.6 76.0

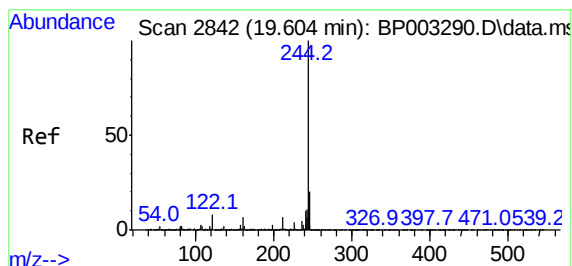
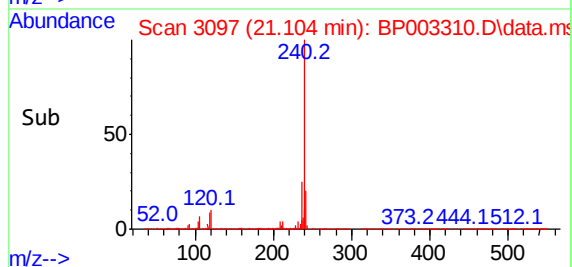
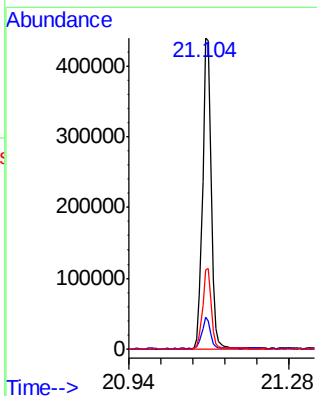
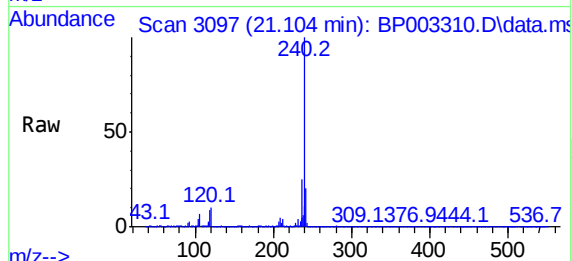




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

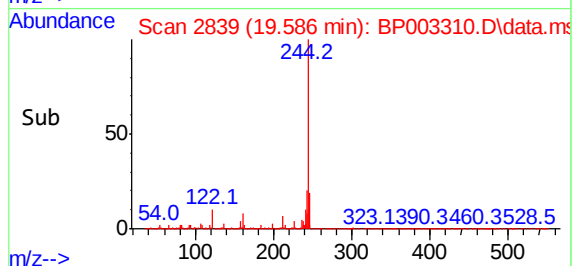
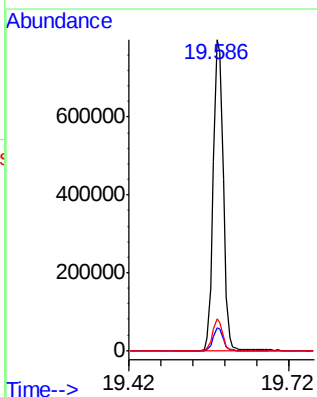
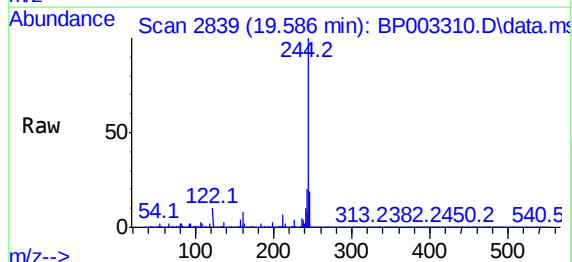
Instrument :
BNA_P
ClientSampleId :
LACY-08

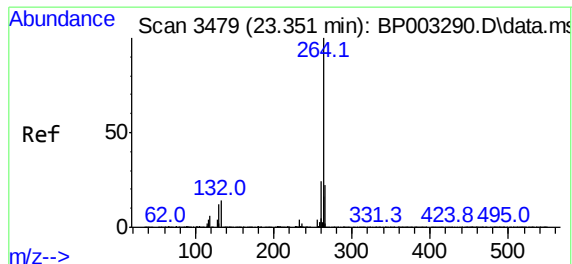
Tgt Ion:240 Resp: 574610
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 36.88 ng
RT: 19.586 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Tgt Ion:244 Resp: 1016997
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.1 7.8 11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.322 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003310.D
Acq: 16 Sep 2020 19:51

Instrument :
BNA_P
ClientSampleId :
LACY-08

Tgt Ion:264 Resp: 652958

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.0	17.4	26.2

