

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003463.D
 Acq On : 02 Oct 2020 16:57
 Operator : CG/JU
 Sample : L3865-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-093020

Quant Time: Oct 02 17:41:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 11:17:24 2020
 Response via : Initial Calibration

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

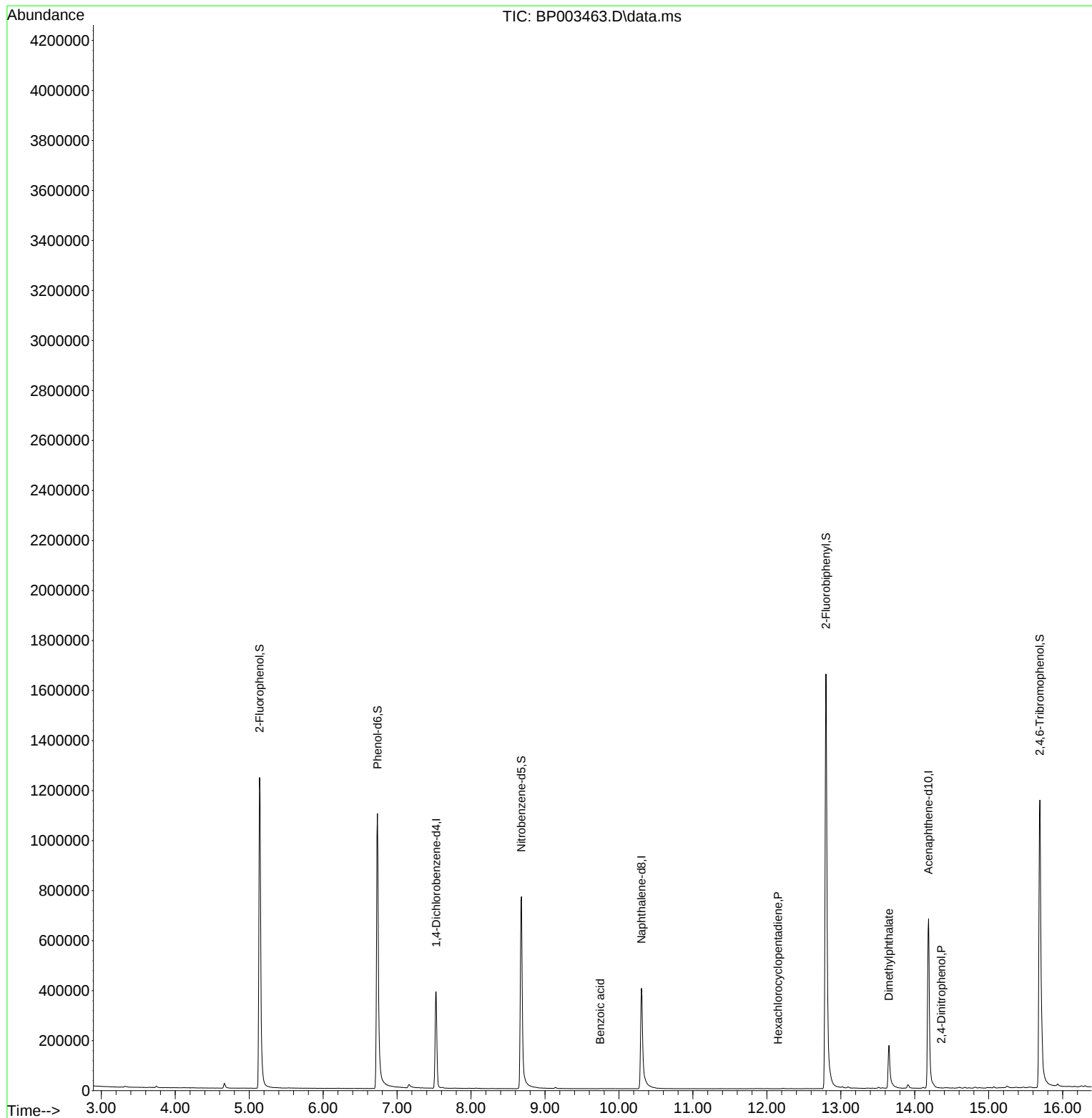
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	111557	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	453219	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	272807	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	588652	20.00	ng	# 0.00
76) Chrysene-d12	21.051	240	658675	20.00	ng	0.00
86) Perylene-d12	23.233	264	669373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	667189	104.43	ng	0.00
7) Phenol-d6	6.734	99	848067	99.59	ng	0.00
23) Nitrobenzene-d5	8.681	82	581549	75.38	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	305837	73.50	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1124120	60.26	ng	0.00
79) Terphenyl-d14	19.527	244	1536196	48.59	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.746	122	78	9.17	ng	# 13
41) Hexachlorocyclopentadiene	12.151	237	18	6.85	ng	88
50) Dimethylphthalate	13.651	163	156190	7.17	ng	99
54) 2,4-Dinitrophenol	14.357	184	10	7.26	ng	# 1
70) Pentachlorophenol	16.751	266	18	6.77	ng	91
71) Phenanthrene	16.986	178	69918	2.18	ng	98
72) Anthracene	16.986	178	69918	2.22	ng	98
75) Fluoranthene	18.974	202	131985	3.28	ng	98
78) Pyrene	19.322	202	139633	3.40	ng	99
88) Benzo(b)fluoranthene	22.586	252	112353	2.66	ng	# 97
89) Benzo(k)fluoranthene	22.586	252	112353	2.77	ng	# 97

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

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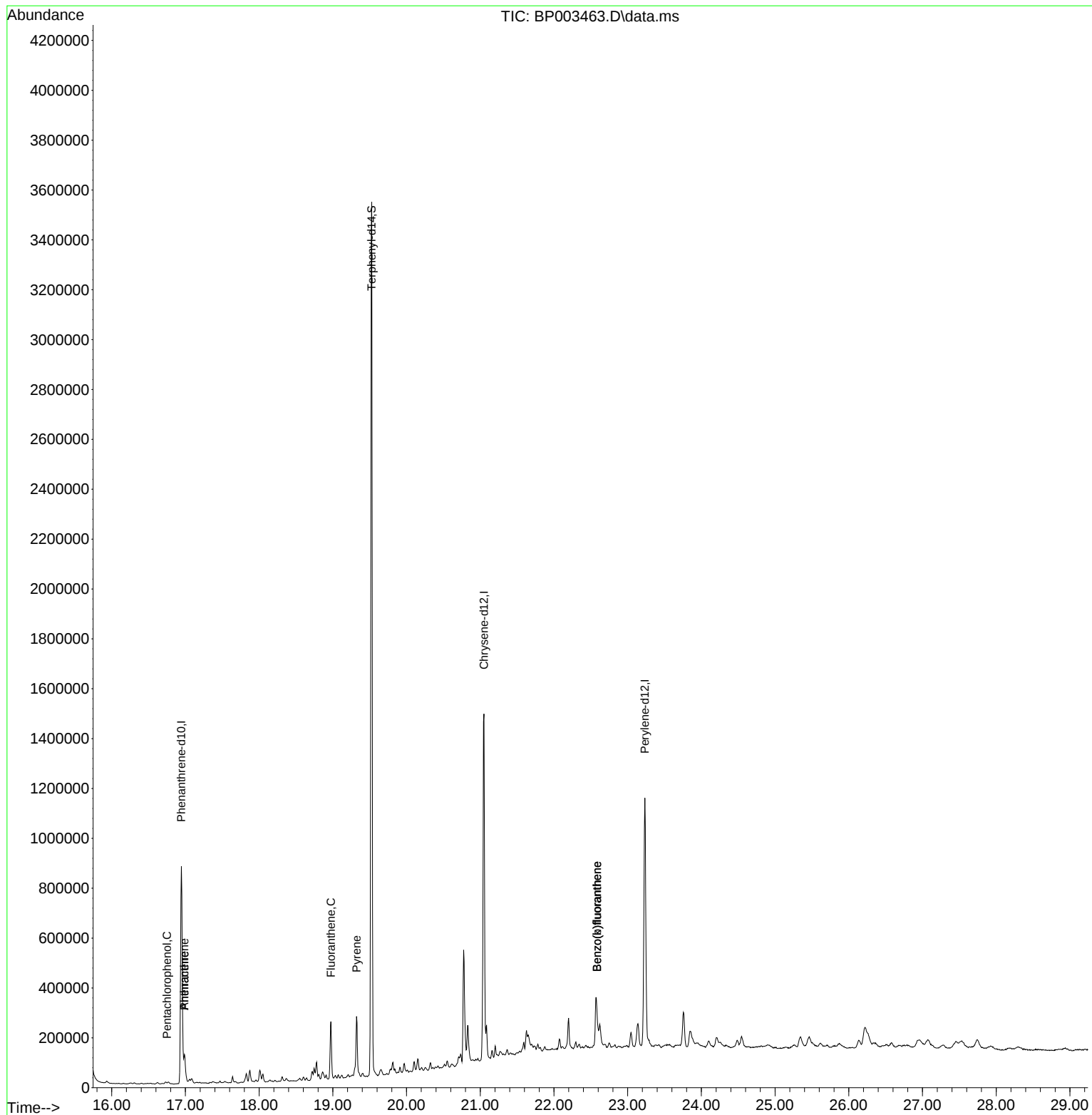
Quant Time: Oct 02 17:41:17 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
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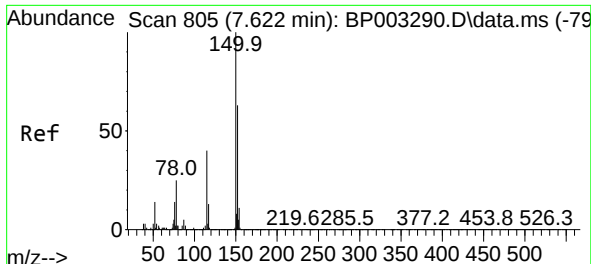


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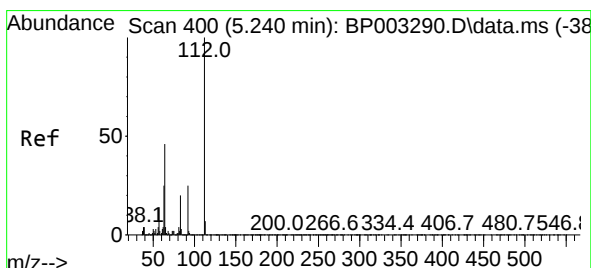
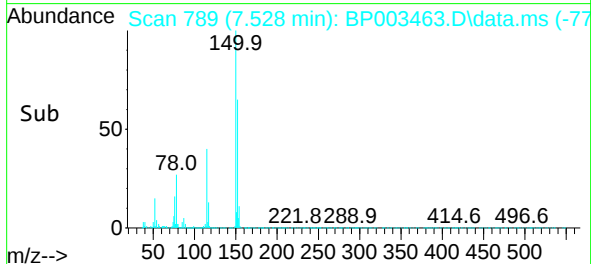
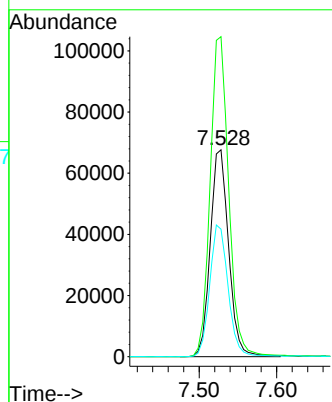
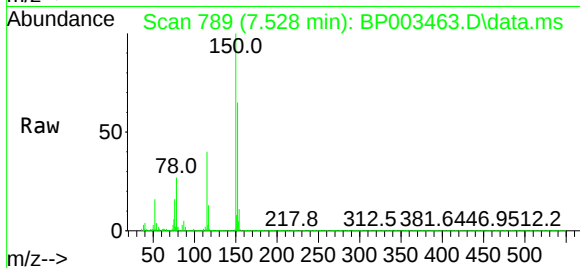




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

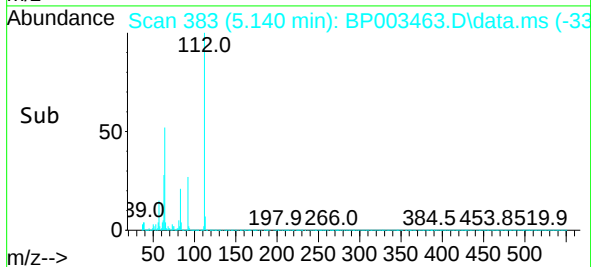
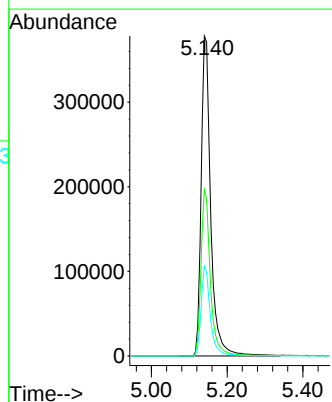
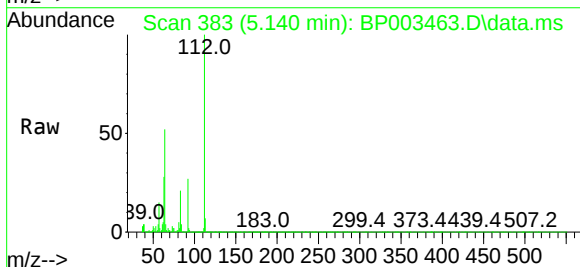
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BNA_P
ClientSampleId :
NB-07-093020

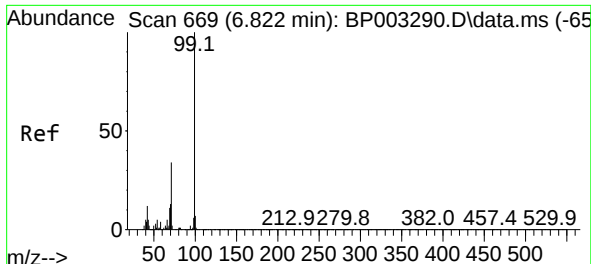
Tgt Ion:152 Resp: 111557
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 61.6 43.8 65.6



#5
2-Fluorophenol
Concen: 104.43 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:112 Resp: 667189
Ion Ratio Lower Upper
112 100
64 51.9 32.8 49.2#
63 28.1 17.0 25.4#

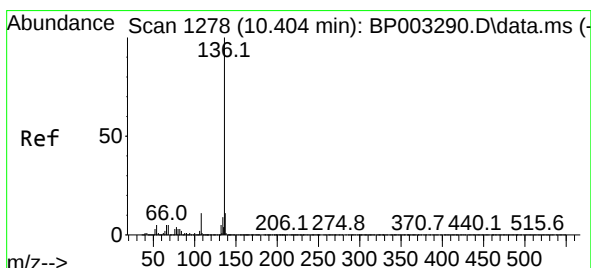
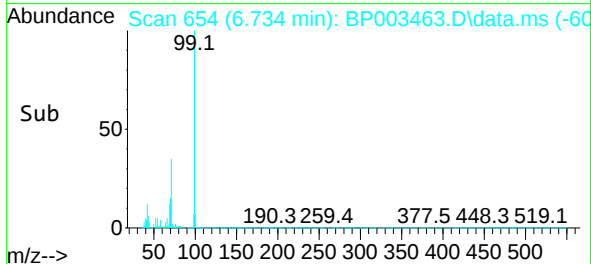
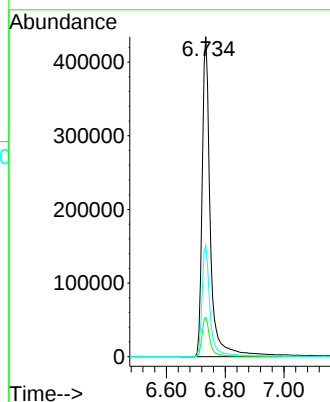
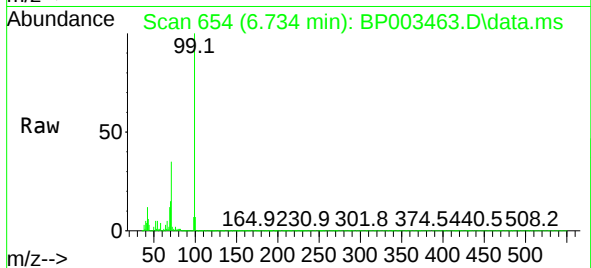




#7
Phenol-d6
Concen: 99.59 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

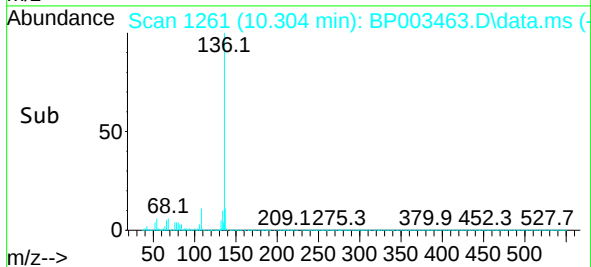
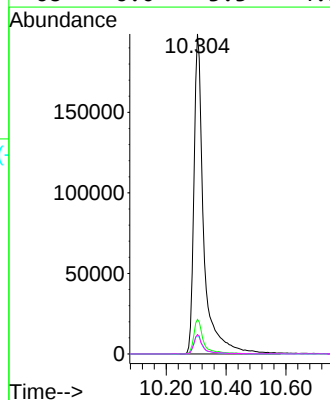
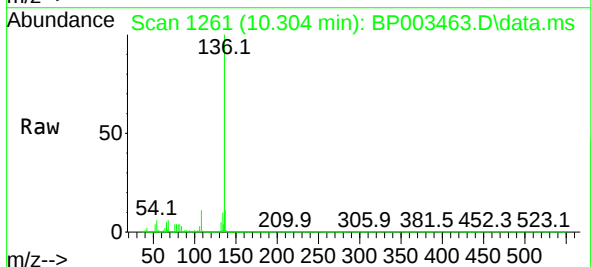
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

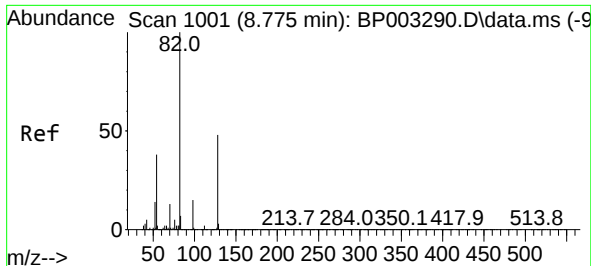
Tgt Ion: 99 Resp: 848067
Ion Ratio Lower Upper
99 100
42 12.3 8.6 13.0
71 34.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion: 136 Resp: 453219
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.7 3.6 5.4#
68 6.0 3.3 4.9#

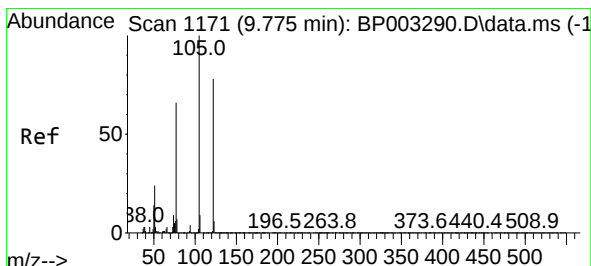
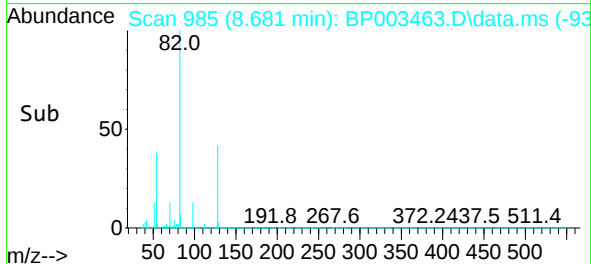
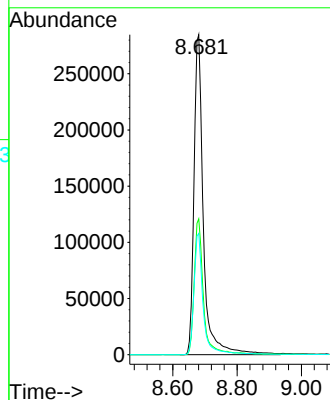
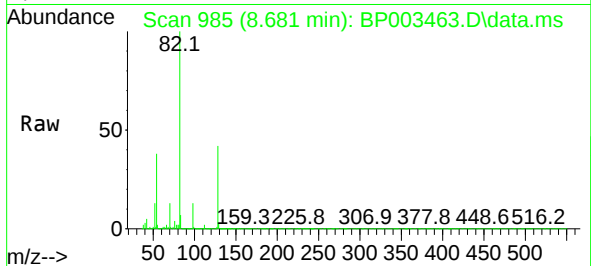




#23
Nitrobenzene-d5
Concen: 75.38 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

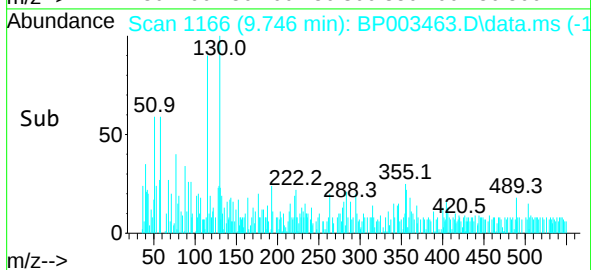
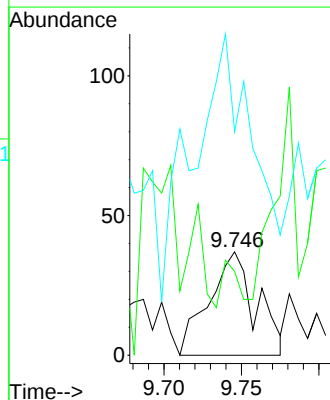
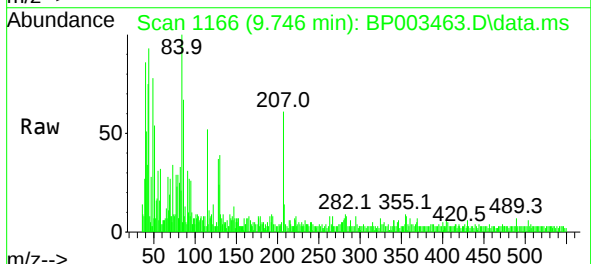
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

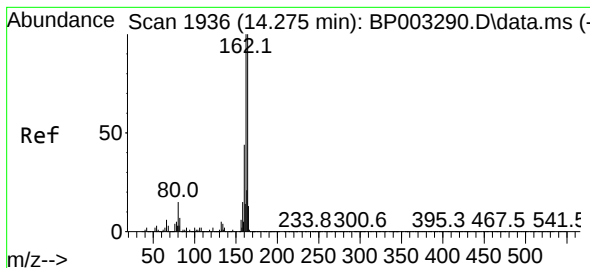
Tgt Ion: 82 Resp: 581549
Ion Ratio Lower Upper
82 100
128 42.5 45.6 68.4#
54 37.9 30.1 45.1



#32
Benzoic acid
Concen: 9.17 ng
RT: 9.746 min Scan# 1166
Delta R.T. 0.024 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion: 122 Resp: 78
Ion Ratio Lower Upper
122 100
105 81.1 94.1 134.1#
77 216.2 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.187 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BP003463.D

Acq: 02 Oct 2020 16:57

Instrument :

BNA_P

ClientSampleId :

NB-07-093020

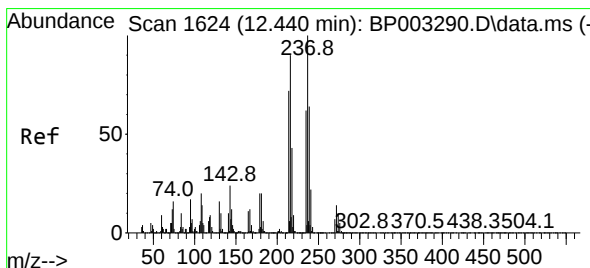
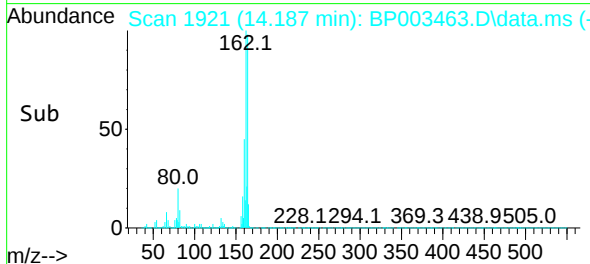
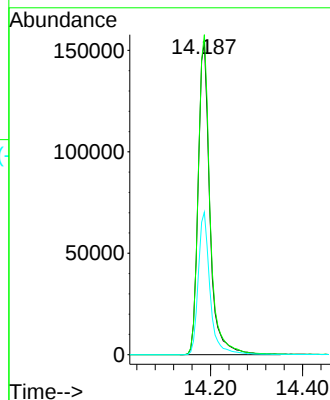
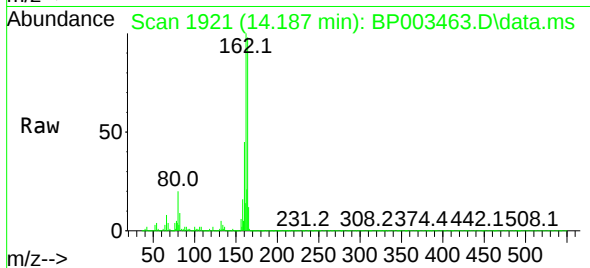
Tgt Ion:164 Resp: 272807

Ion Ratio Lower Upper

164 100

162 102.5 79.4 119.2

160 45.6 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.85 ng

RT: 12.151 min Scan# 1575

Delta R.T. -0.188 min

Lab File: BP003463.D

Acq: 02 Oct 2020 16:57

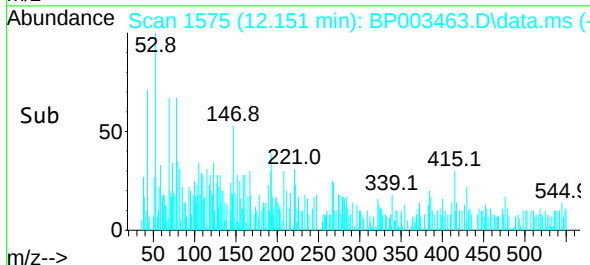
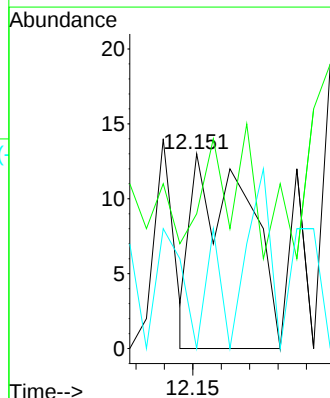
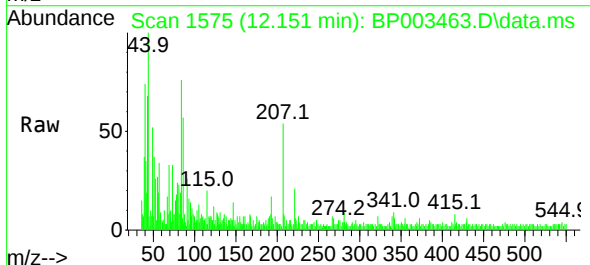
Tgt Ion:237 Resp: 18

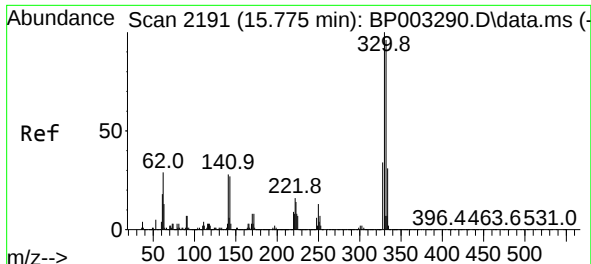
Ion Ratio Lower Upper

237 100

235 69.2 43.2 83.2

272 0.0 0.0 33.3

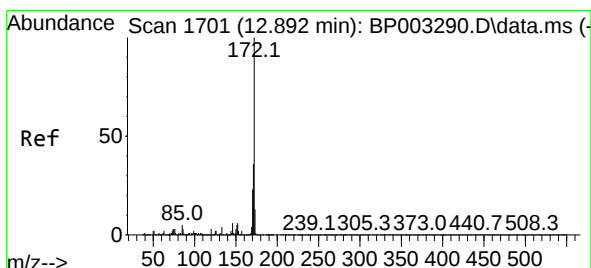
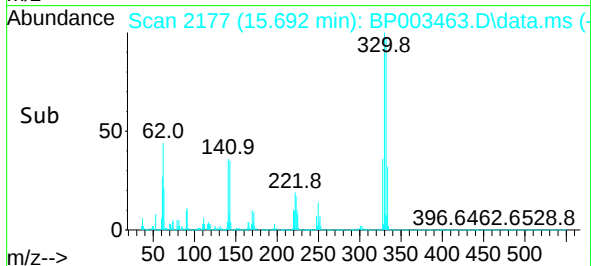
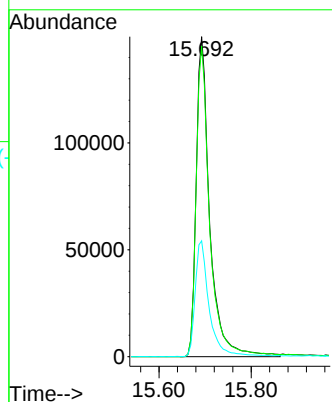
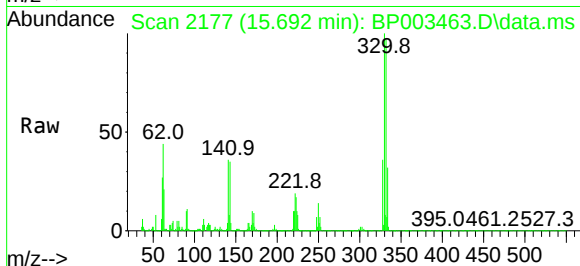




#42
2,4,6-Tribromophenol
Concen: 73.50 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

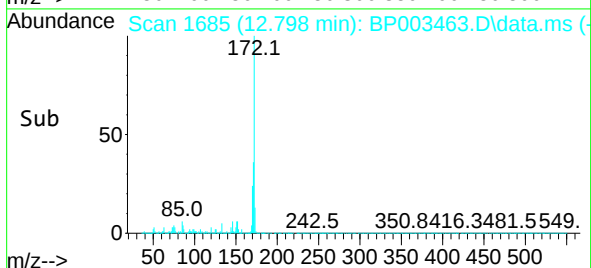
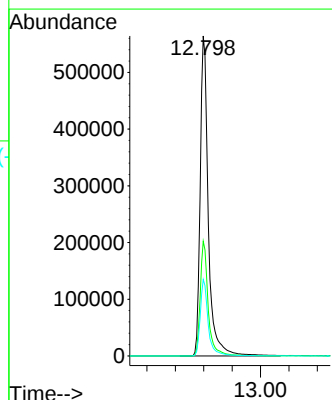
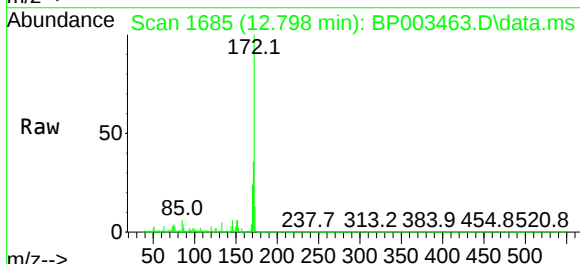
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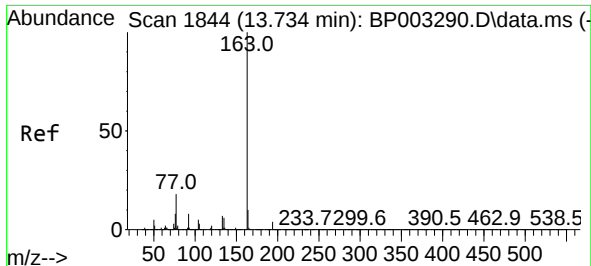
Tgt Ion:330 Resp: 305837
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 37.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 60.26 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:172 Resp: 1124120
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.9 19.2 28.8

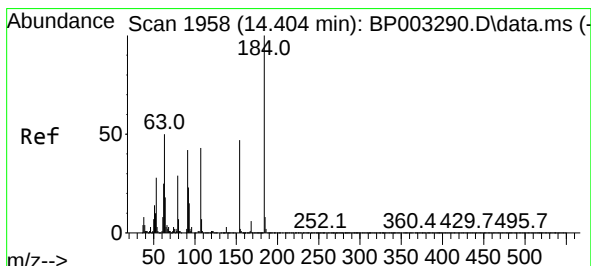
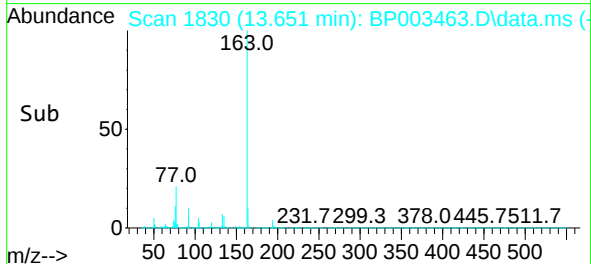
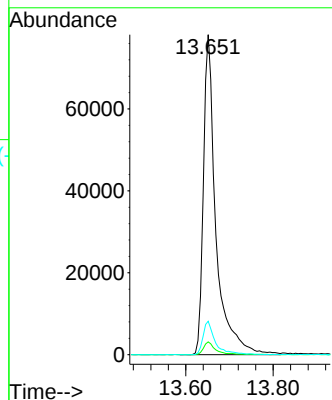
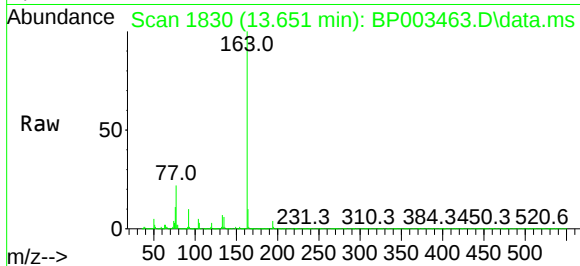




#50
Dimethylphthalate
Concen: 7.17 ng
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

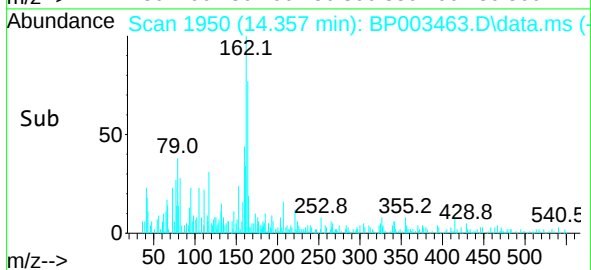
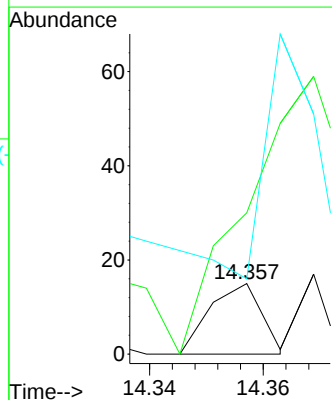
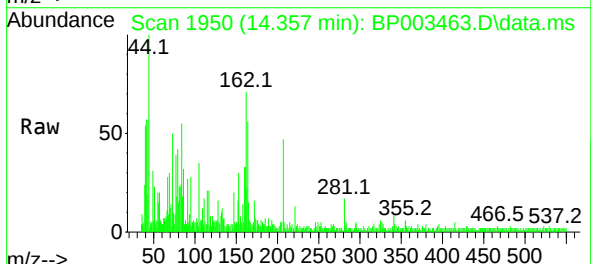
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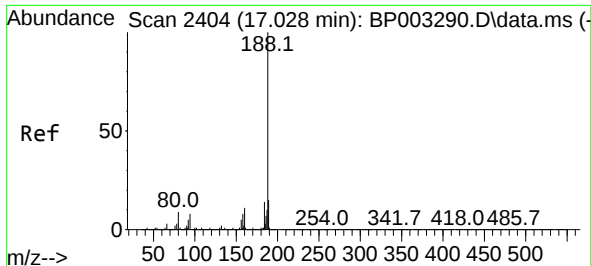
Tgt Ion:163 Resp: 156190
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.357 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 340.0 32.3 48.5#
154 106.7 49.1 73.7#

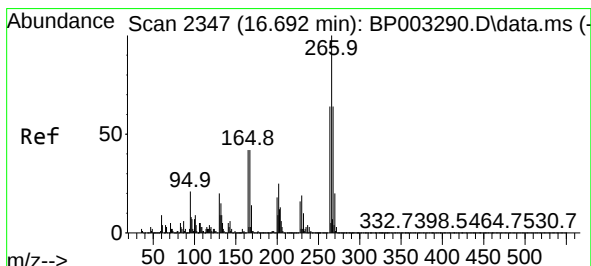
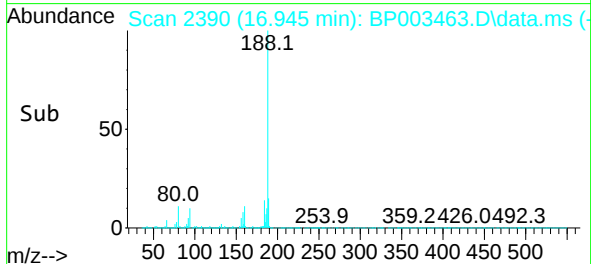
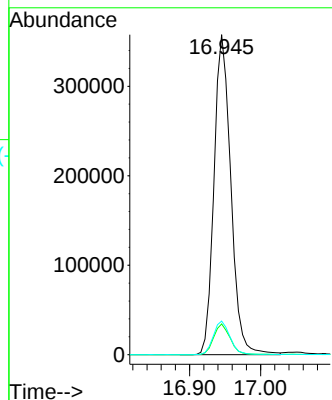
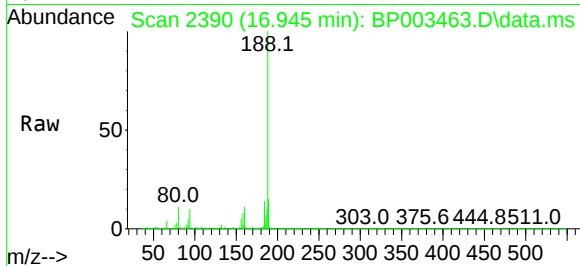




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

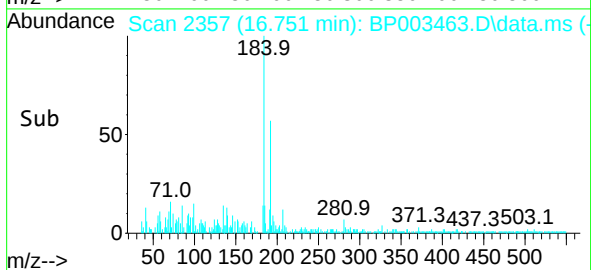
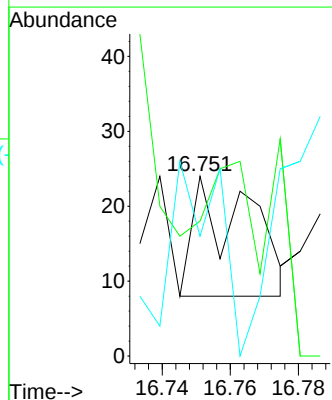
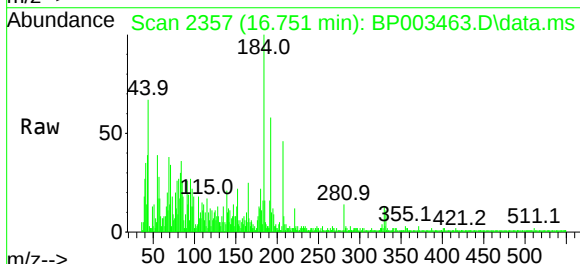
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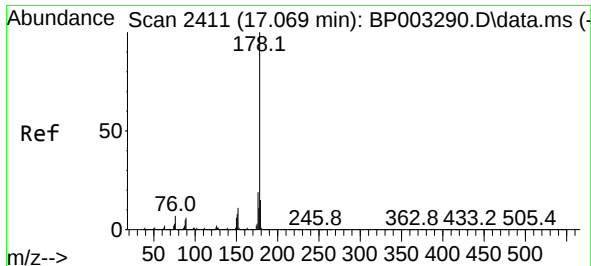
Tgt Ion:188 Resp: 588652
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 10.5 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.751 min Scan# 2357
Delta R.T. 0.129 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
268 75.0 51.1 76.7
264 66.7 50.6 76.0

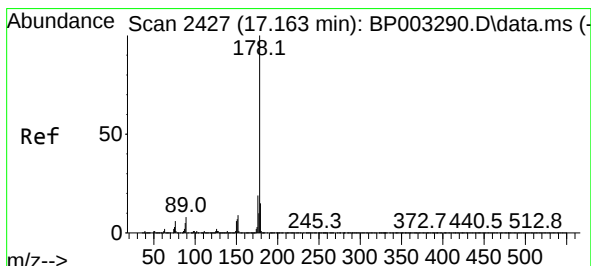
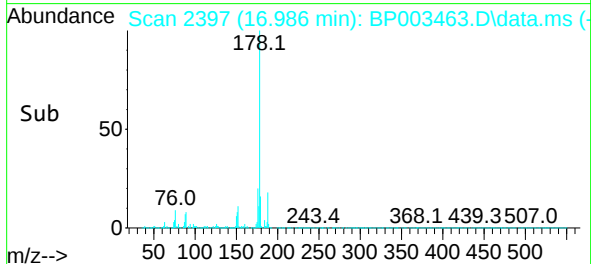
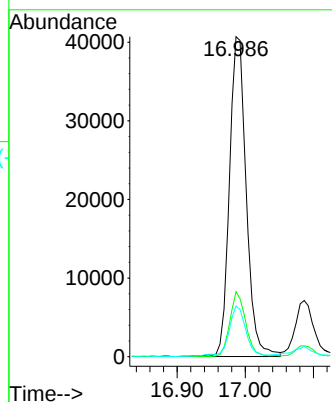
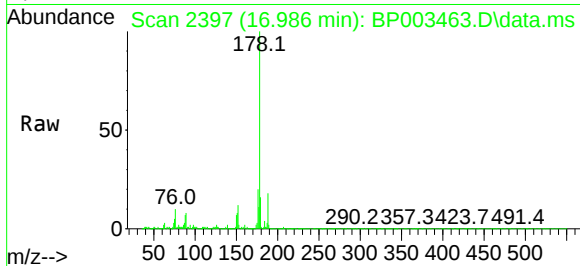




#71
Phenanthrene
Concen: 2.18 ng
RT: 16.986 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

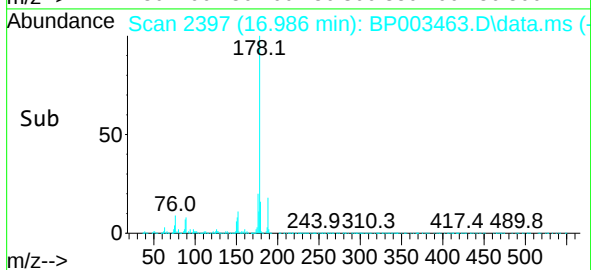
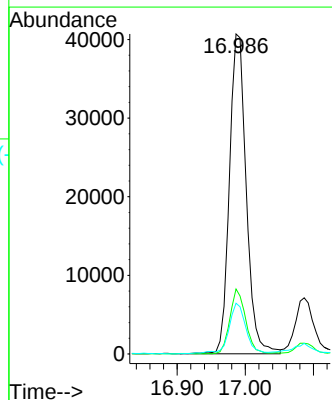
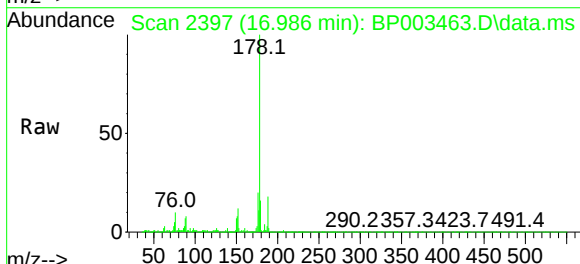
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

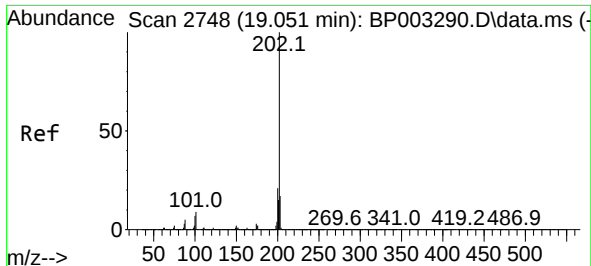
Tgt Ion:178 Resp: 69918
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 2.22 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.088 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:178 Resp: 69918
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.4
179 15.8 12.5 18.7

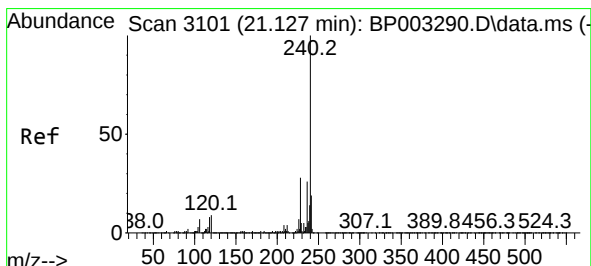
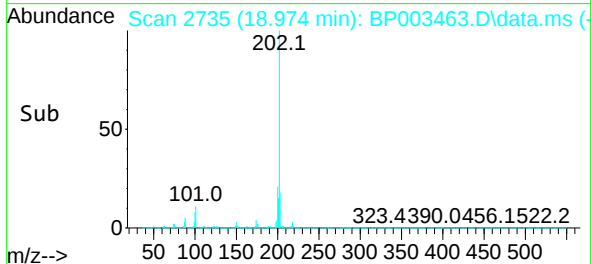
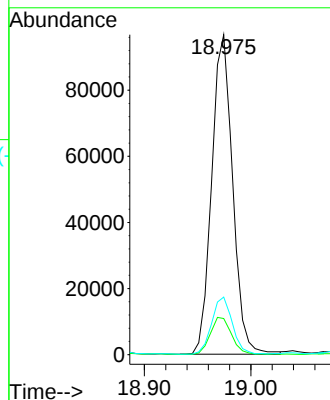
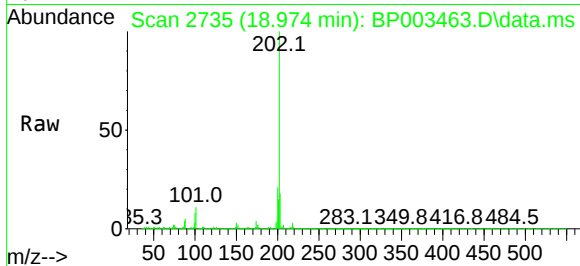




#75
Fluoranthene
Concen: 3.28 ng
RT: 18.974 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

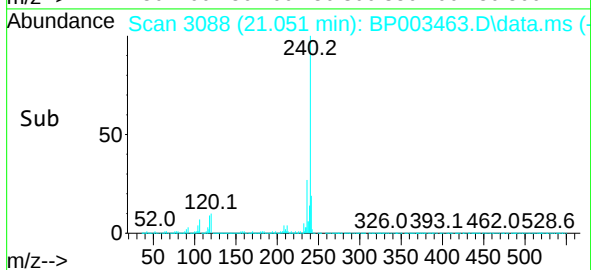
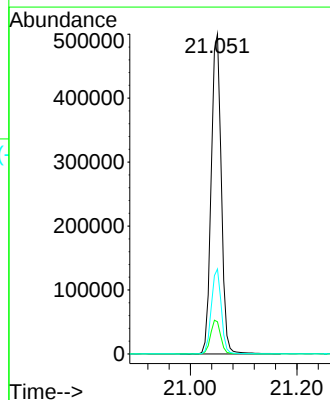
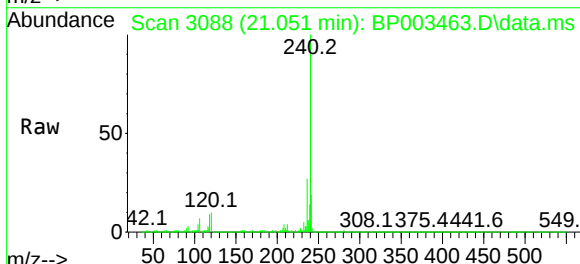
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

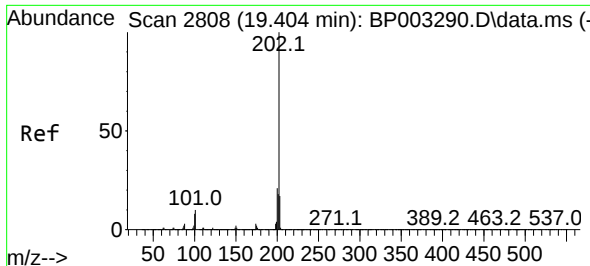
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.4
203	18.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.8	11.6
236	26.6	20.8	31.2

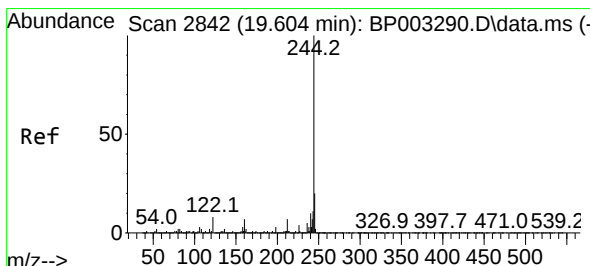
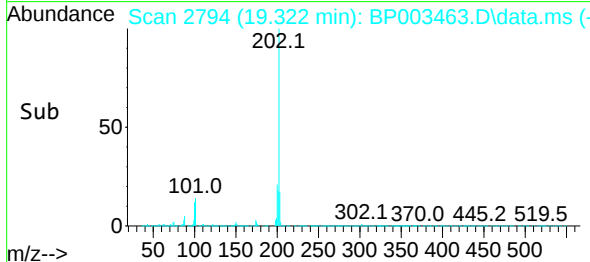
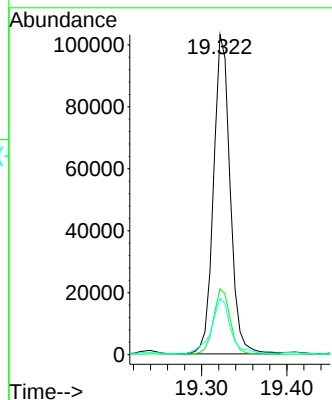
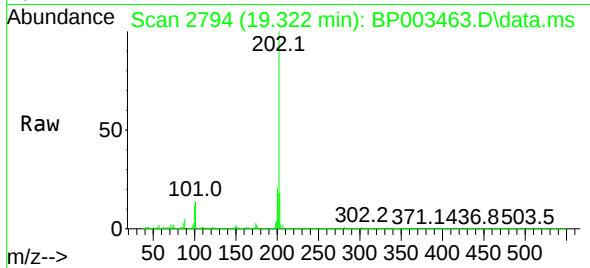




#78
Pyrene
Concen: 3.40 ng
RT: 19.322 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

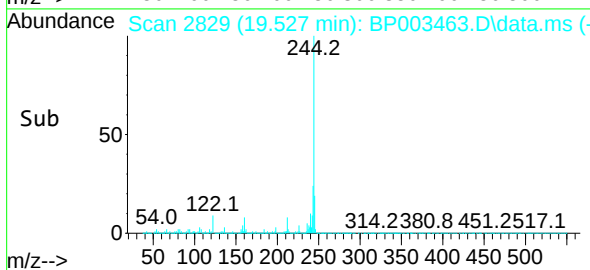
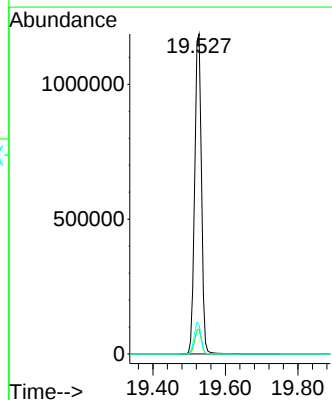
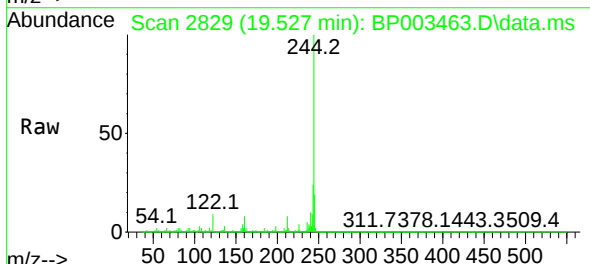
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

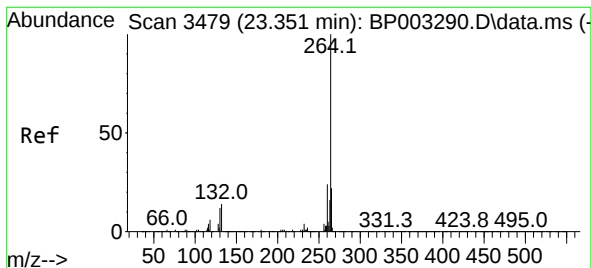
Tgt Ion:202 Resp: 139633
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.6 14.2 21.2



#79
Terphenyl-d14
Concen: 48.59 ng
RT: 19.527 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:244 Resp: 1536196
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 9.2 7.8 11.8

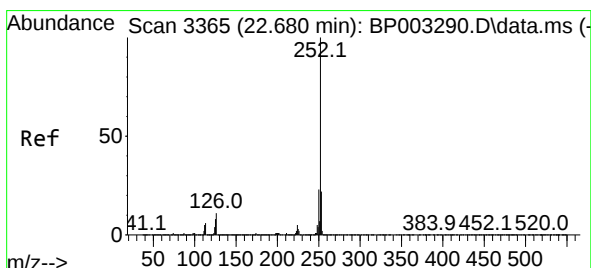
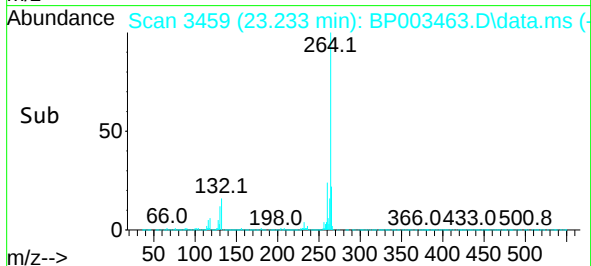
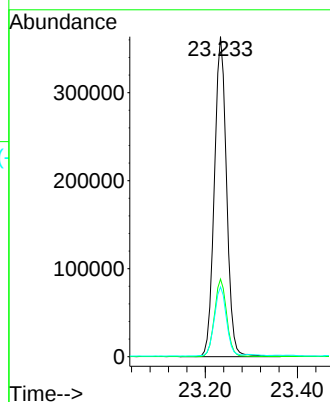
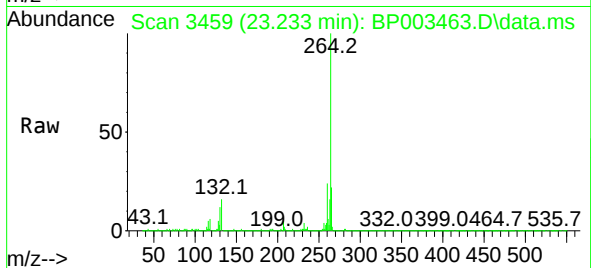




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.233 min Scan# 3459
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

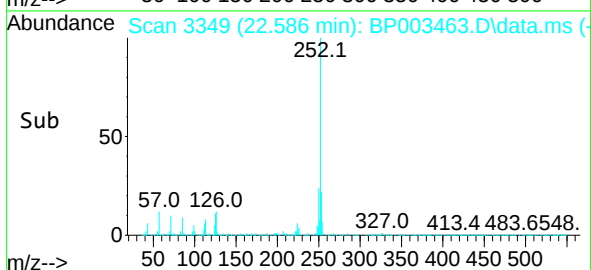
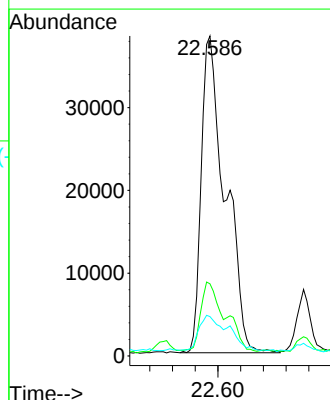
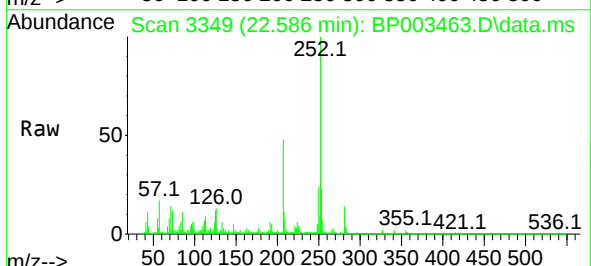
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

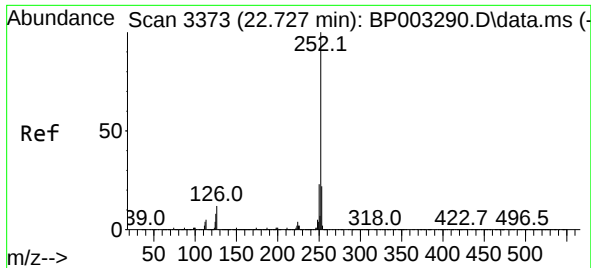
Tgt Ion:264 Resp: 669373
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.8 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 2.66 ng
RT: 22.586 min Scan# 3349
Delta R.T. 0.006 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:252 Resp: 112353
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.3 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 2.77 ng

RT: 22.586 min Scan# 3349

Delta R.T. -0.035 min

Lab File: BP003463.D

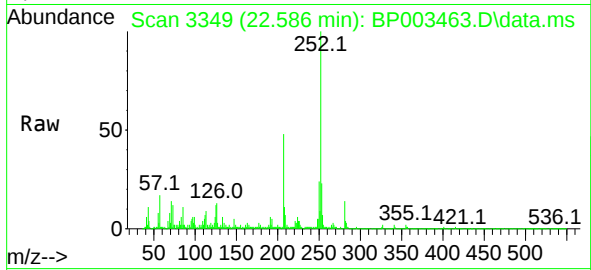
Acq: 02 Oct 2020 16:57

Instrument :

BNA_P

ClientSampleId :

NB-07-093020



Tgt Ion:252 Resp: 112353

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 12.3 7.4 11.2#

