

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006813.D
 Acq On : 20 Aug 2021 22:37
 Operator : CG/JU
 Sample : M3426-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 01:00:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 20 11:25:25 2021
 Response via : Initial Calibration

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

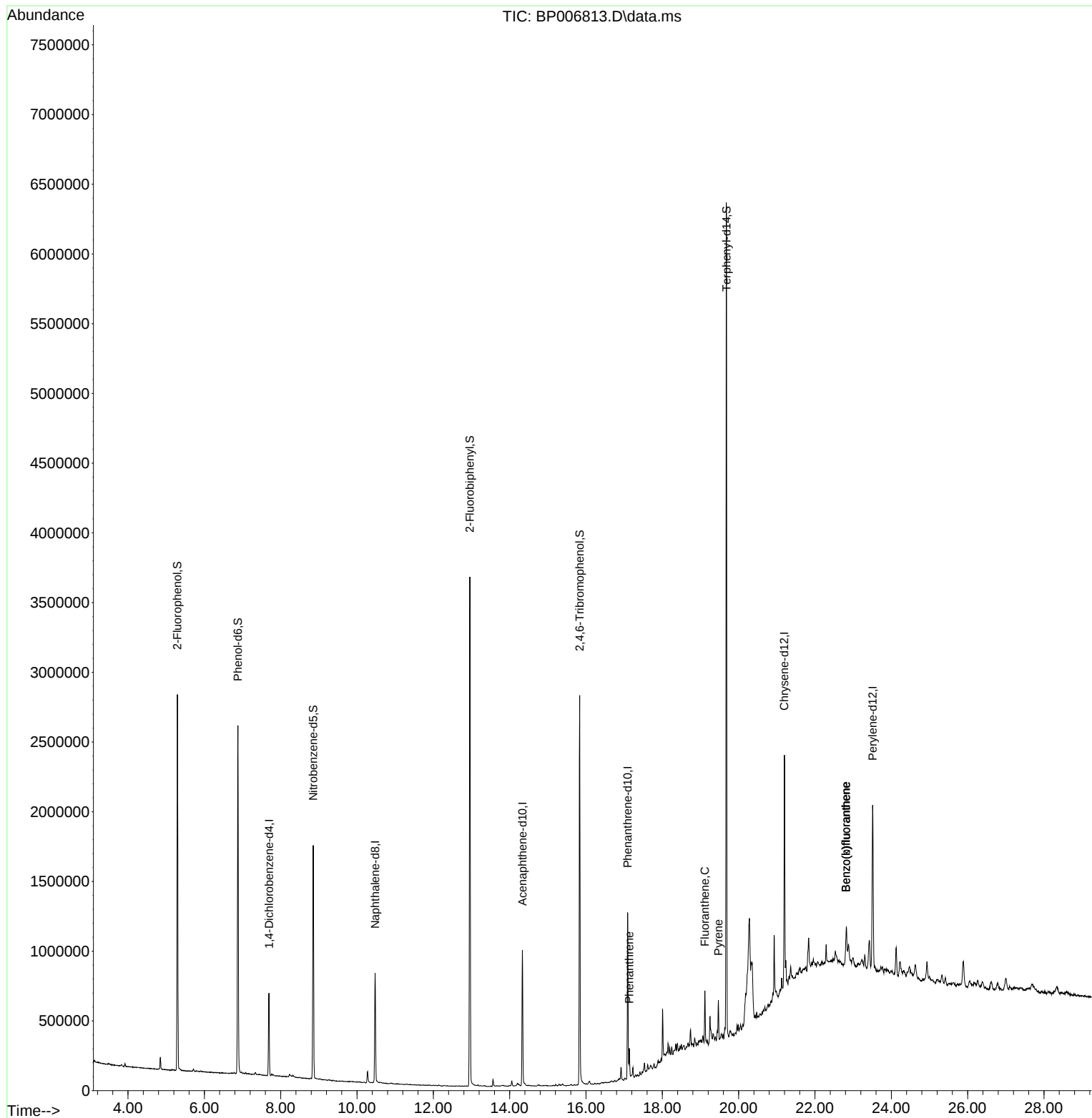
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	149358	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	608608	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	321459	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	627053	20.000	ng	# 0.00
76) Chrysene-d12	21.198	240	681241	20.000	ng	# 0.00
86) Perylene-d12	23.510	264	765433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1140610	117.296	ng	0.00
7) Phenol-d6	6.881	99	1411197	102.161	ng	0.00
23) Nitrobenzene-d5	8.851	82	982041	74.479	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	440366	131.077	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1741557	81.055	ng	0.00
79) Terphenyl-d14	19.680	244	2553503	75.108	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.133	178	113290	3.203	ng	98
75) Fluoranthene	19.116	202	186517	4.698	ng	95
78) Pyrene	19.469	202	157725	3.466	ng	98
88) Benzo(b)fluoranthene	22.810	252	127631	2.566	ng	# 85
89) Benzo(k)fluoranthene	22.810	252	127631	2.672	ng	# 85

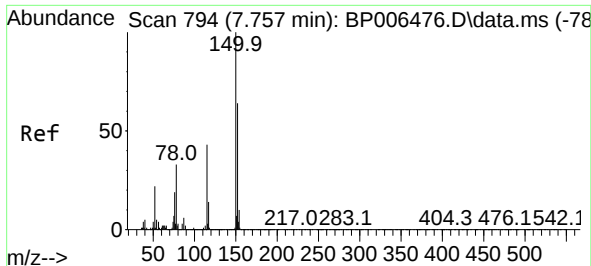
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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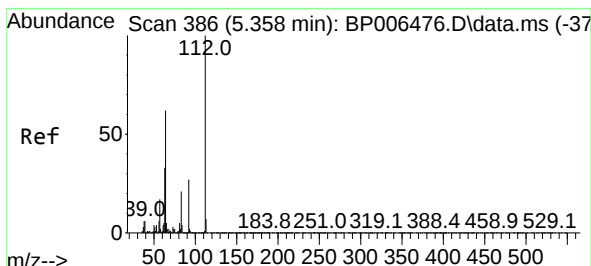
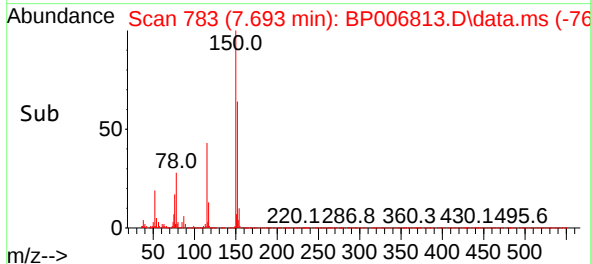
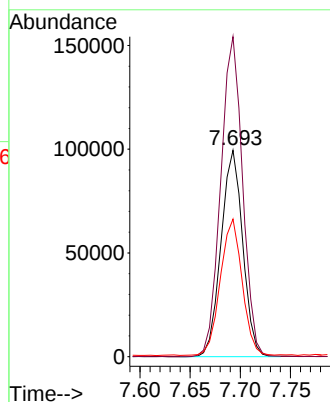
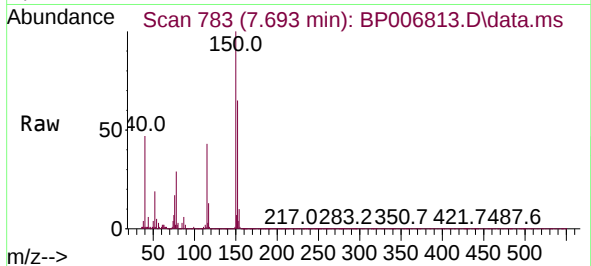




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

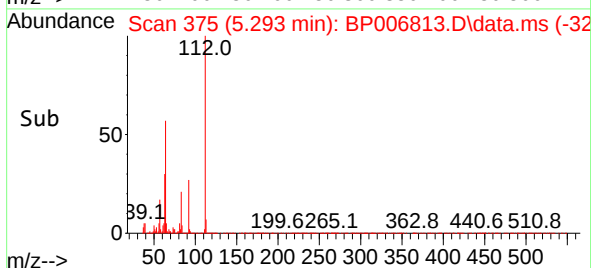
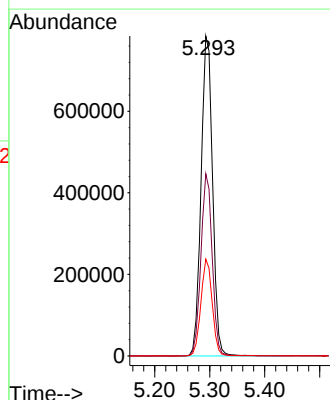
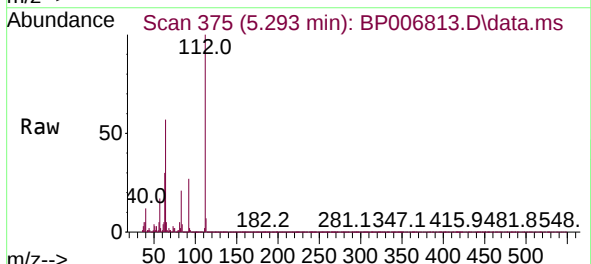
Instrument :
BNA_P
ClientSampled :

Tgt Ion:152 Resp: 149358
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 66.7 48.5 72.7



#5
2-Fluorophenol
Concen: 117.296 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion:112 Resp: 1140610
Ion Ratio Lower Upper
112 100
64 57.0 41.4 62.2
63 30.3 23.8 35.8

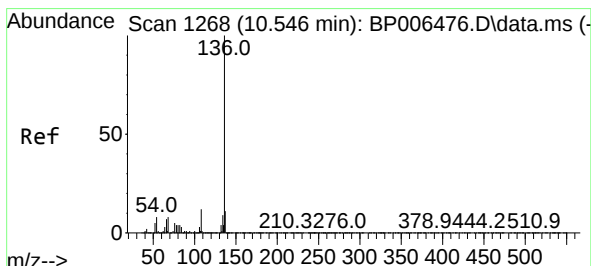
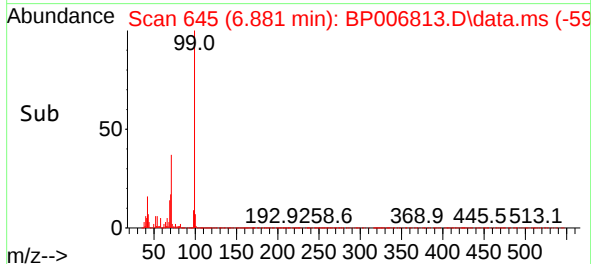
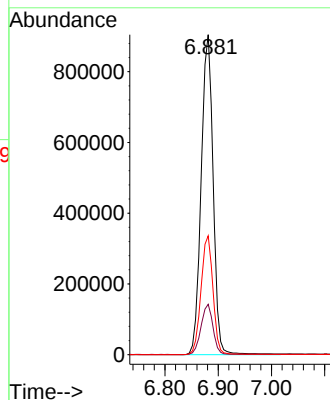
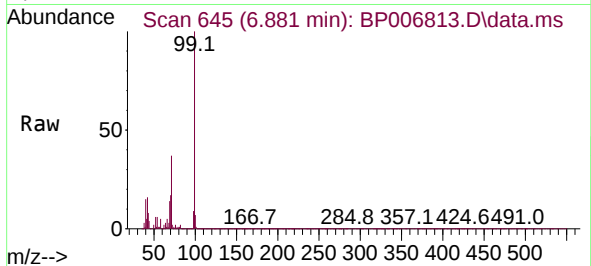




#7
Phenol-d6
Concen: 102.161 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

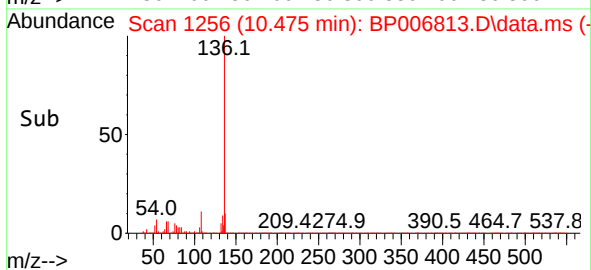
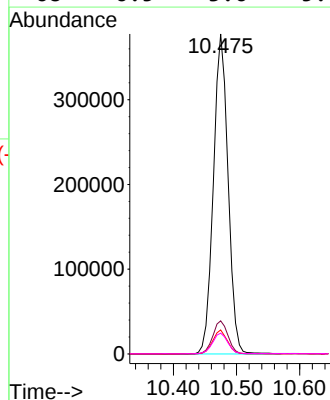
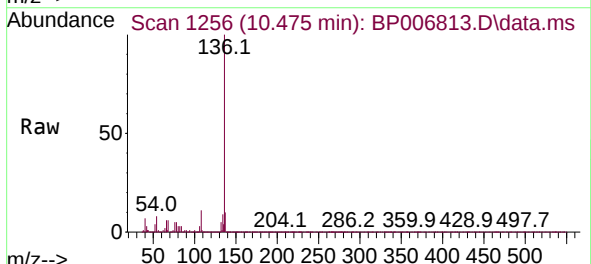
Instrument :
BNA_P
ClientSampleId :

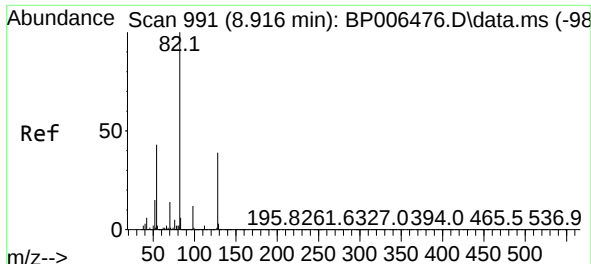
Tgt Ion: 99 Resp: 1411197
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion: 136 Resp: 608608
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.5 4.6 6.8#
68 6.5 3.6 5.4#

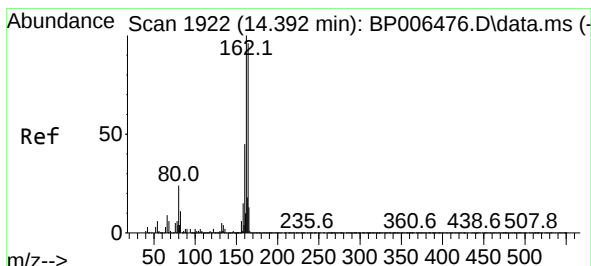
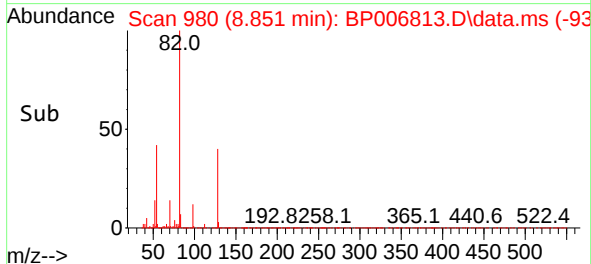
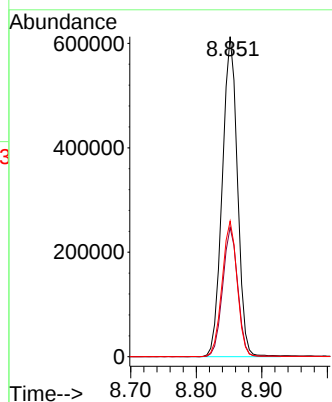
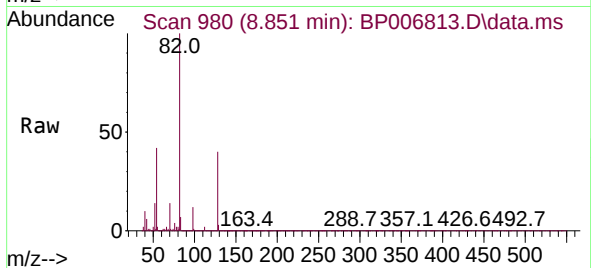




#23
Nitrobenzene-d5
Concen: 74.479 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

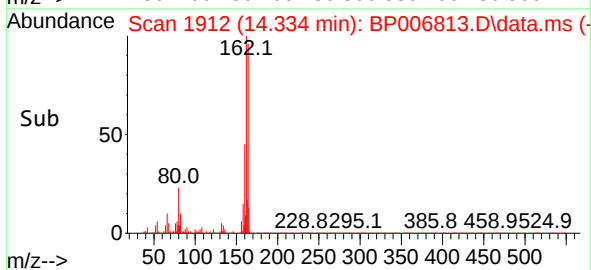
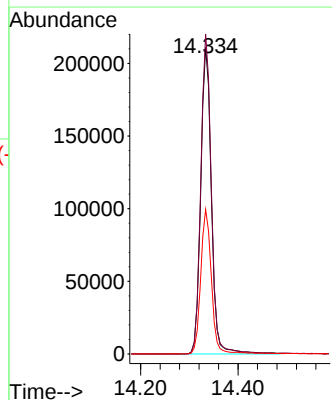
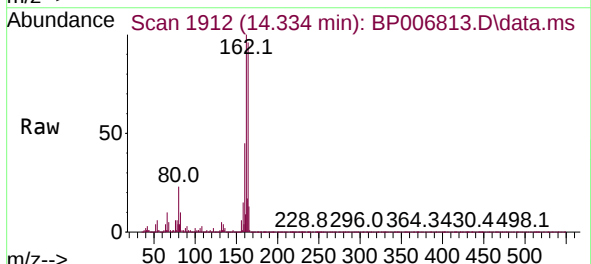
Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 982041
Ion Ratio Lower Upper
82 100
128 40.4 35.7 53.5
54 42.3 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion: 164 Resp: 321459
Ion Ratio Lower Upper
164 100
162 104.4 80.2 120.2
160 47.1 34.5 51.7

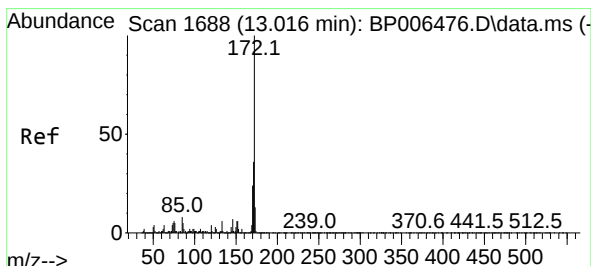
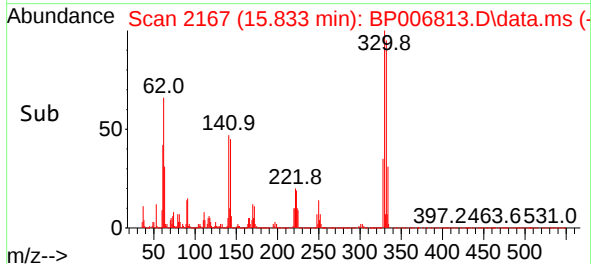
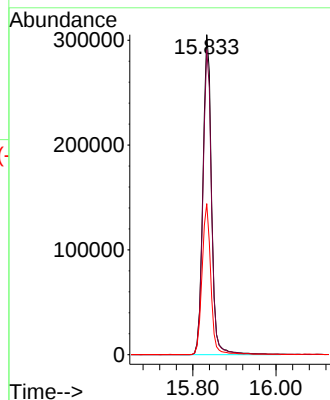
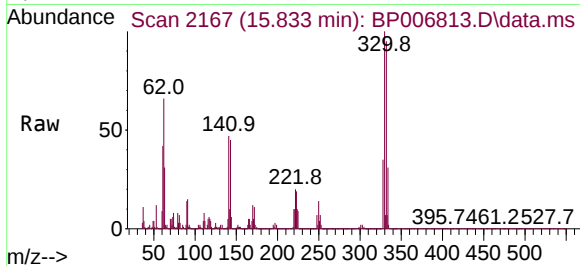




#42
2,4,6-Tribromophenol
Concen: 131.077 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

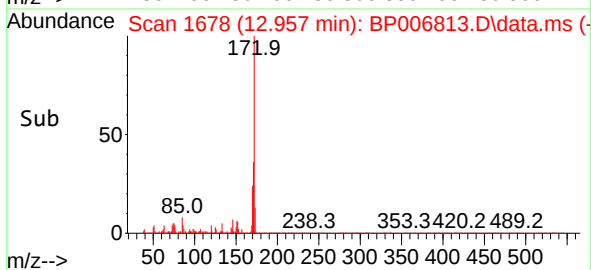
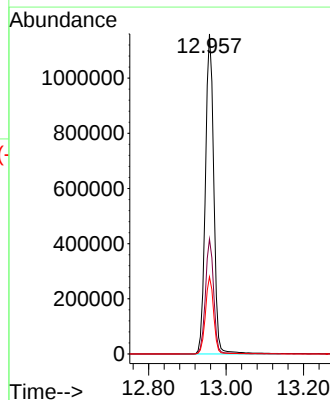
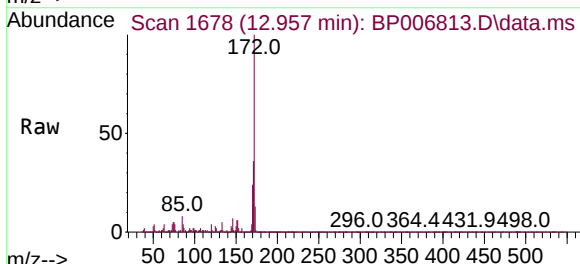
Instrument :
BNA_P
ClientSampleId :

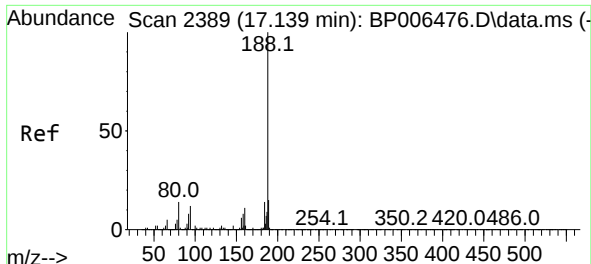
Tgt Ion:330 Resp: 440366
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.8
141 47.8 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 81.055 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion:172 Resp: 1741557
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.1 18.6 27.8

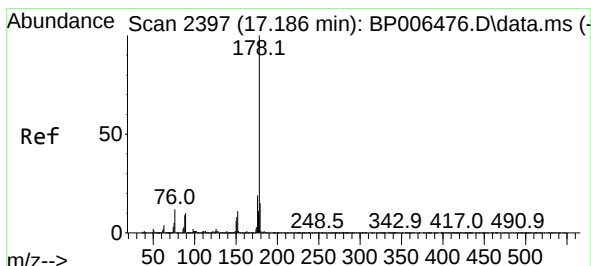
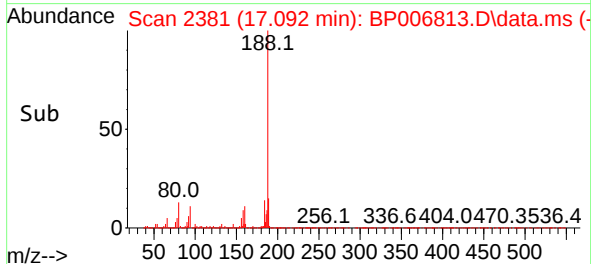
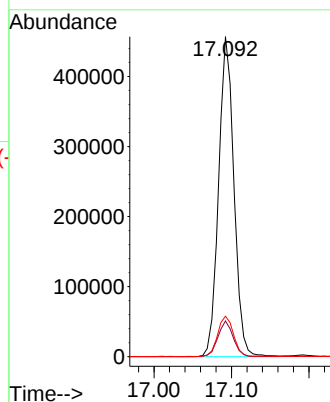
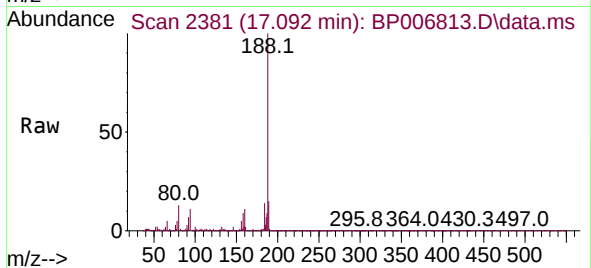




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

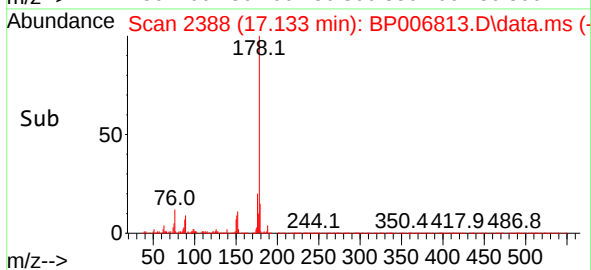
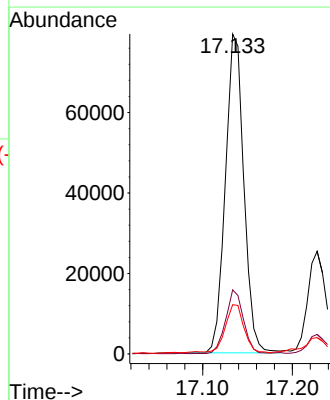
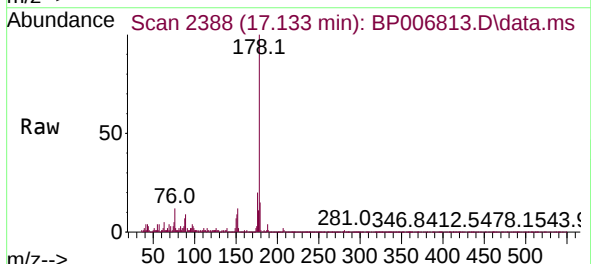
Instrument :
BNA_P
ClientSampled :

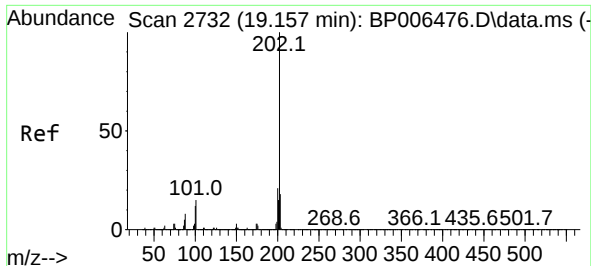
Tgt Ion:188 Resp: 627053
Ion Ratio Lower Upper
188 100
94 11.1 5.6 8.4#
80 12.6 6.3 9.5#



#71
Phenanthrene
Concen: 3.203 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion:178 Resp: 113290
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 15.4 12.4 18.6

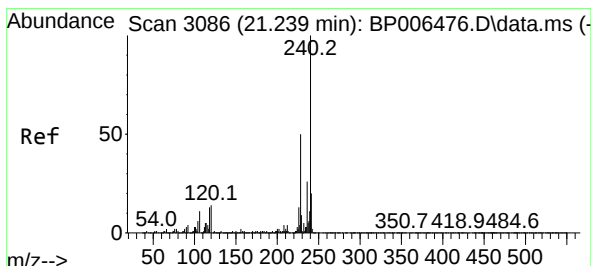
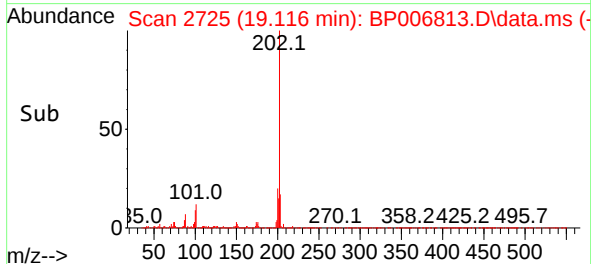
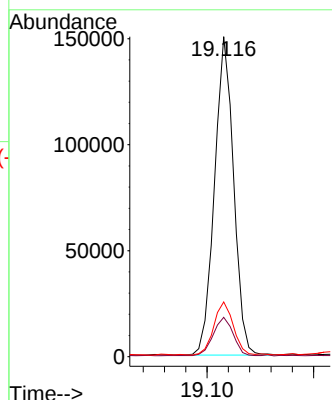
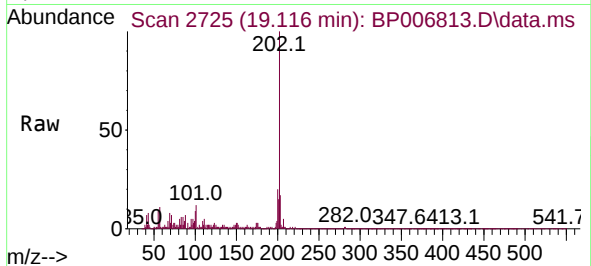




#75
Fluoranthene
Concen: 4.698 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

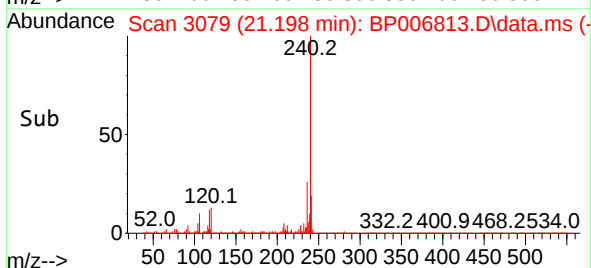
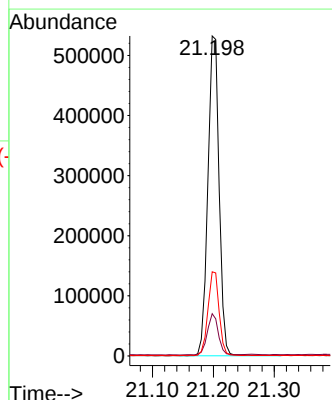
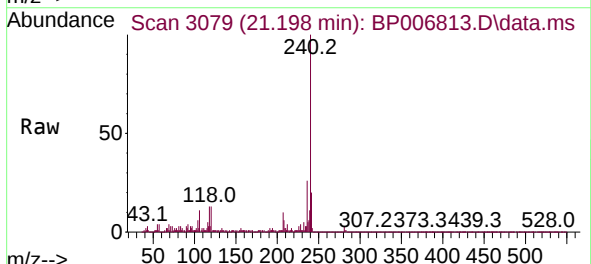
Instrument :
BNA_P
ClientSampleId :

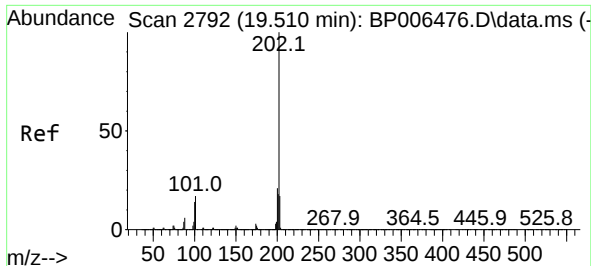
Tgt Ion:202 Resp: 186517
Ion Ratio Lower Upper
202 100
101 12.3 0.0 27.6
203 17.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion:240 Resp: 681241
Ion Ratio Lower Upper
240 100
120 13.2 6.5 9.7#
236 26.3 20.6 31.0

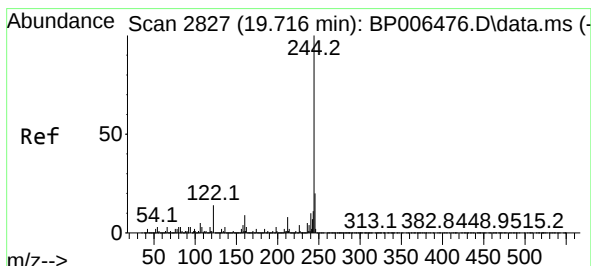
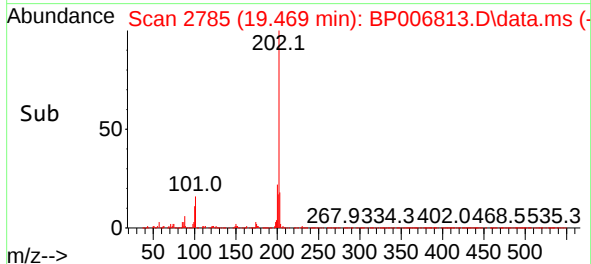
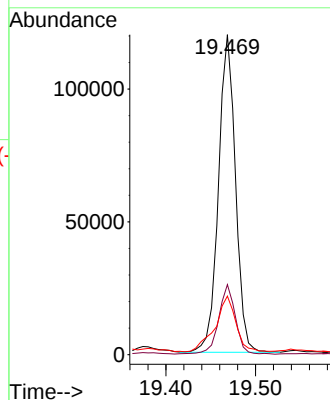
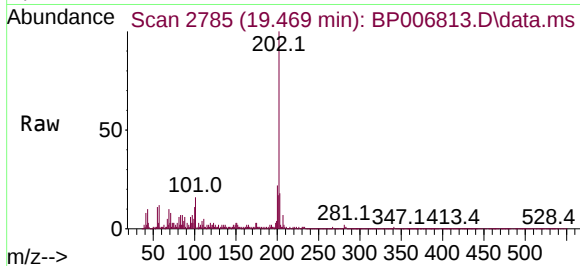




#78
Pyrene
Concen: 3.466 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

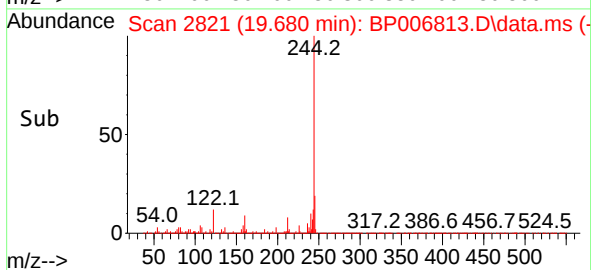
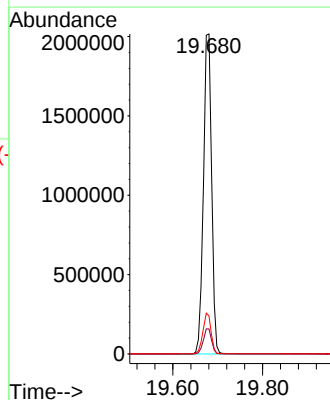
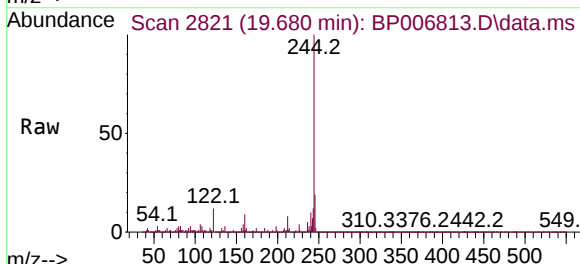
Instrument :
BNA_P
ClientSampleId :

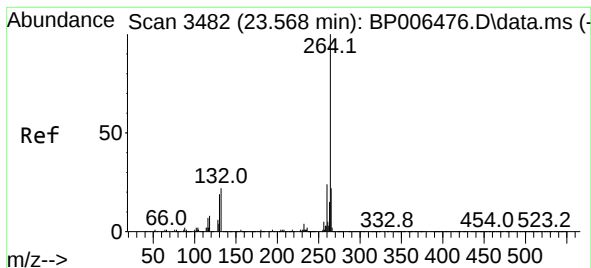
Tgt Ion:202 Resp: 157725
Ion Ratio Lower Upper
202 100
200 21.9 16.3 24.5
203 18.3 14.2 21.2



#79
Terphenyl-d14
Concen: 75.108 ng
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion:244 Resp: 2553503
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.9 7.1 10.7#

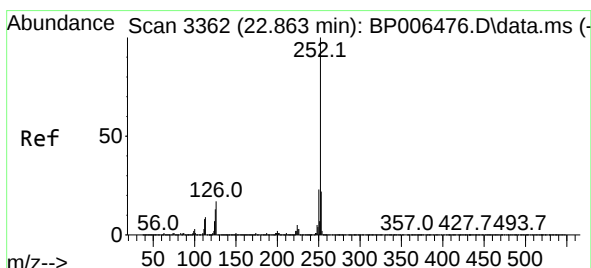
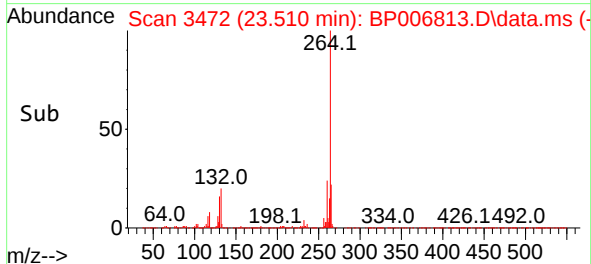
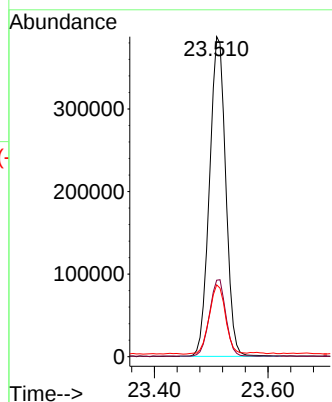
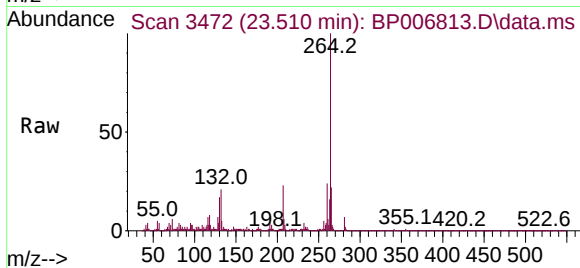




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

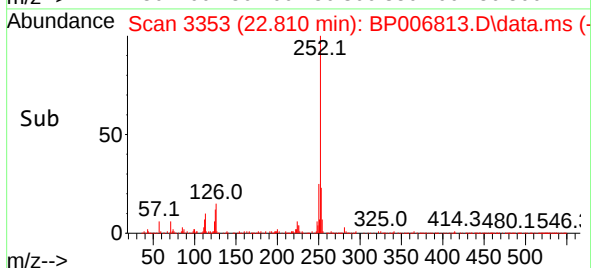
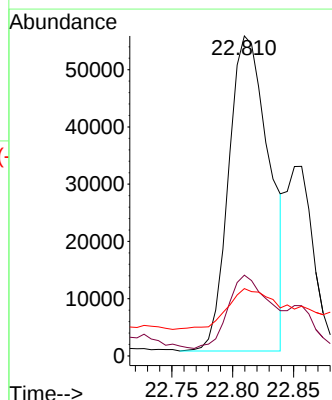
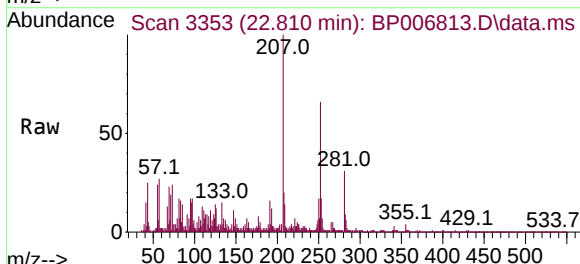
Instrument :
BNA_P
ClientSampleId :

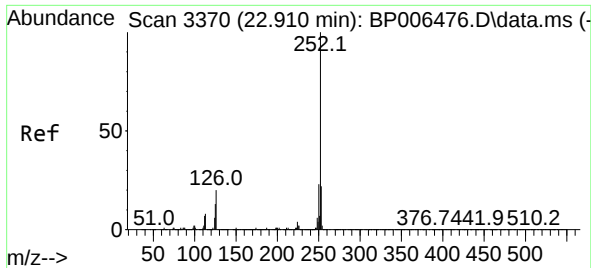
Tgt Ion:264 Resp: 765433
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.4 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.566 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP006813.D
Acq: 20 Aug 2021 22:37

Tgt Ion:252 Resp: 127631
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 21.0 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.672 ng

RT: 22.810 min Scan# 3353

Delta R.T. -0.053 min

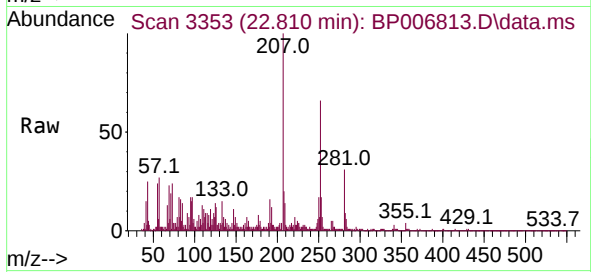
Lab File: BP006813.D

Acq: 20 Aug 2021 22:37

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:252	Resp:	127631
Ion Ratio	Lower	Upper
252	100	
253	25.2	17.6 26.4
125	21.0	6.0 9.0#

