

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001539.D
 Acq On : 06 Jan 2020 20:28
 Operator : JU
 Sample : K6479-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Q091-WC-01

Quant Time: Jan 07 03:25:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	55112	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	212454	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	138864	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	297348	20.00	ng	0.00
76) Chrysene-d12	21.18	240	234951	20.00	ng	0.00
87) Perylene-d12	23.43	264	252617	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	304681	92.88	ng	0.00
7) Phenol-d6	6.89	99	443881	100.46	ng	0.00
23) Nitrobenzene-d5	8.83	82	307812	71.56	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	179980	114.52	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	660274	69.91	ng	0.00
79) Terphenyl-d14	19.66	244	903668	76.65	ng	0.00

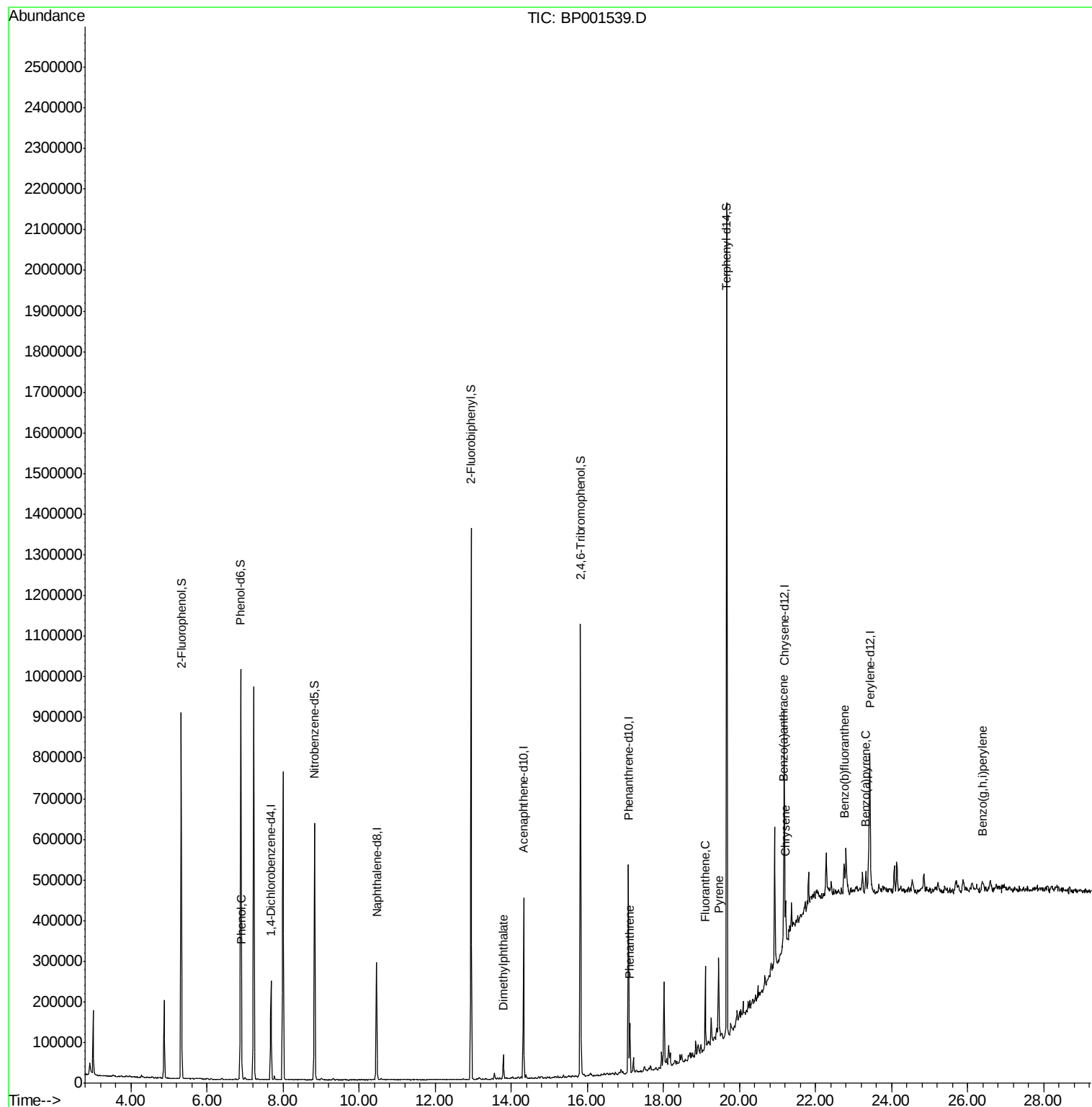
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.91	94	13670	2.941	ng	94
50) Dimethylphthalate	13.79	163	32530	2.997	ng	99
71) Phenanthrene	17.12	178	70384	4.364	ng	99
75) Fluoranthene	19.10	202	116334	5.959	ng	99
78) Pyrene	19.45	202	118009	6.922	ng	95
81) Benzo(a)anthracene	21.16	228	56984	3.457	ng	96
83) Chrysene	21.22	228	61164	3.869	ng	97
88) Benzo(b)fluoranthene	22.76	252	65464	4.185	ng	# 91
90) Benzo(a)pyrene	23.33	252	41038	2.803	ng	# 88
92) Benzo(g,h,i)perylene	26.39	276	29436	2.028	ng	# 97

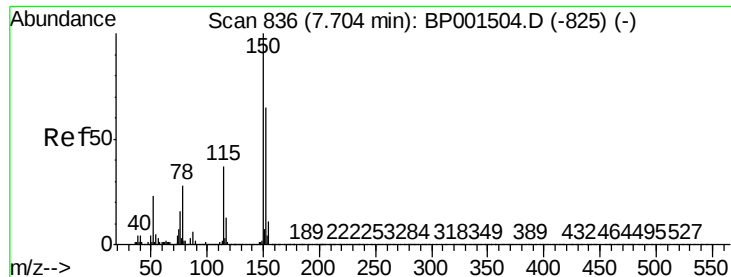
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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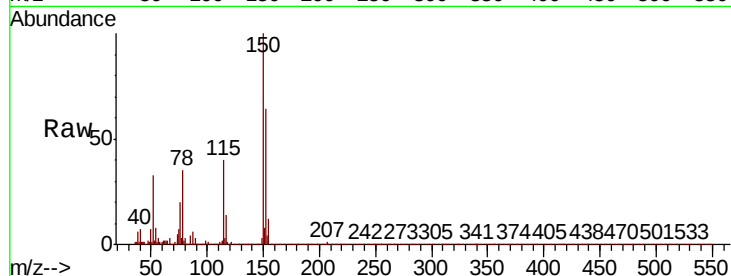


#1

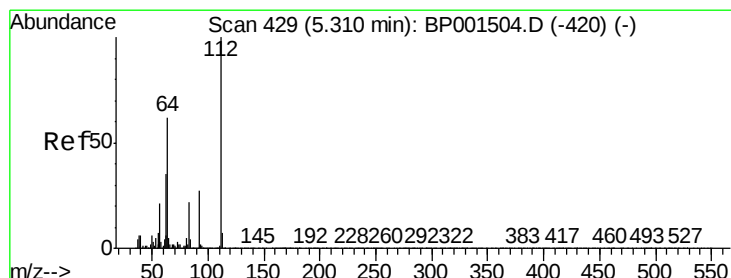
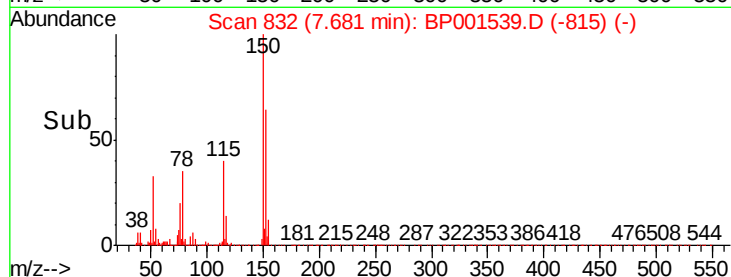
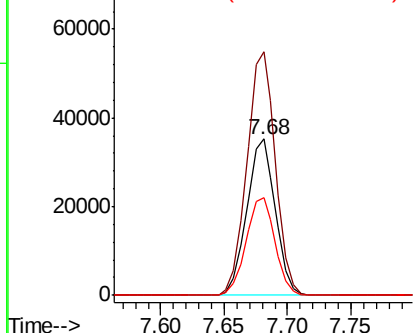
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

Tot Ion:152 Resp: 55112
Ion Ratio Lower Upper
152 100
150 155.6 117.9 176.9
115 62.4 50.3 75.5



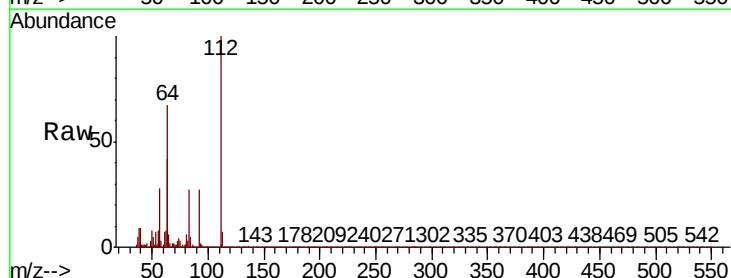
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



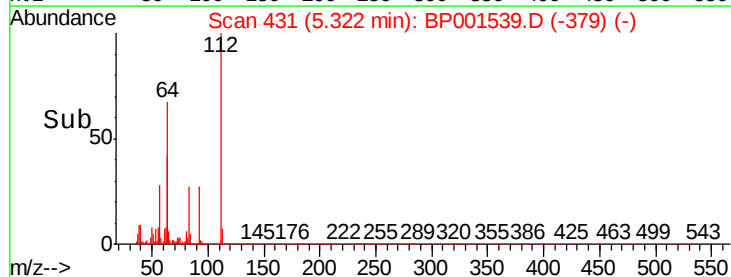
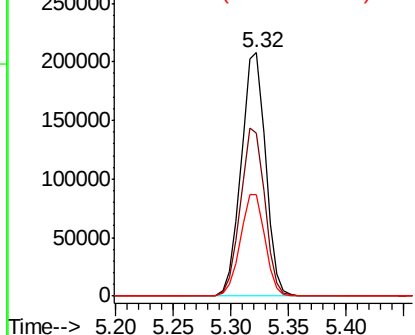
#5

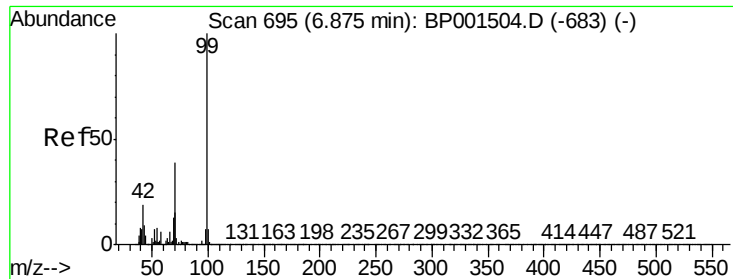
2-Fluorophenol
Concen: 92.878 ng
RT: 5.32 min Scan# 431
Delta R.T. 0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:112 Resp: 304681
Ion Ratio Lower Upper
112 100
64 67.1 52.6 79.0
63 41.8 32.6 48.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 100.460 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

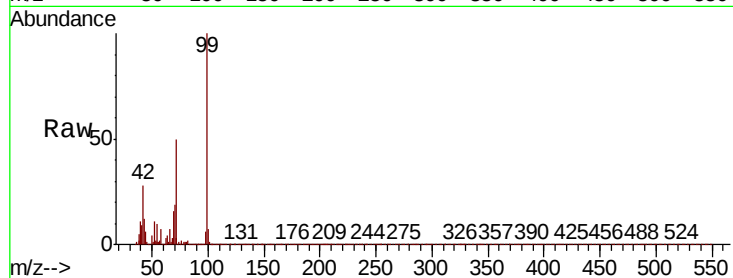
Tot Ion: 99 Resp: 443881

Ion Ratio Lower Upper

99 100

42 27.7 21.2 31.8

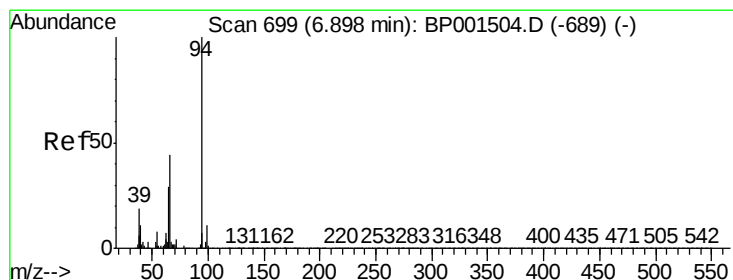
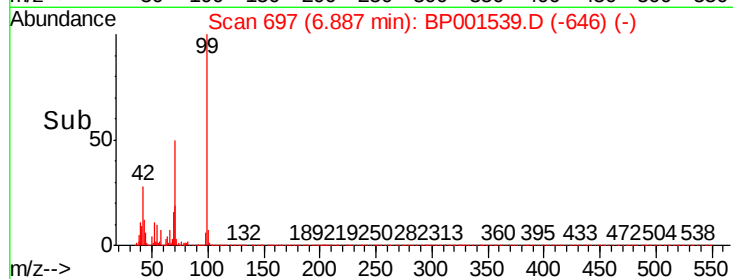
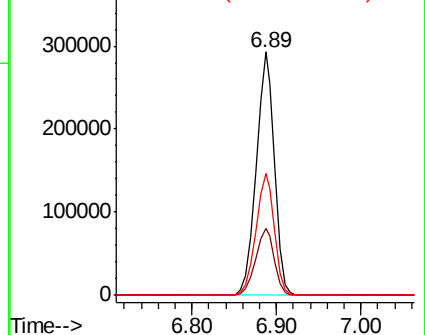
71 50.3 40.0 60.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.941 ng

RT: 6.91 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

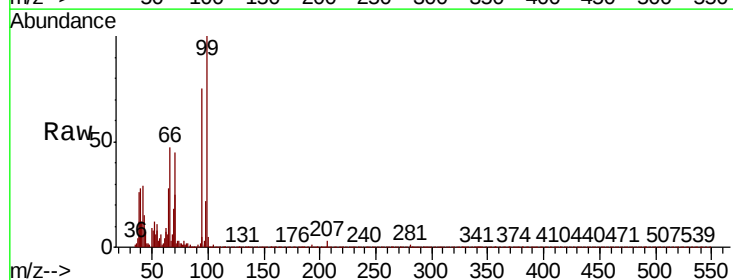
Tgt Ion: 94 Resp: 13670

Ion Ratio Lower Upper

94 100

65 38.2 15.7 55.7

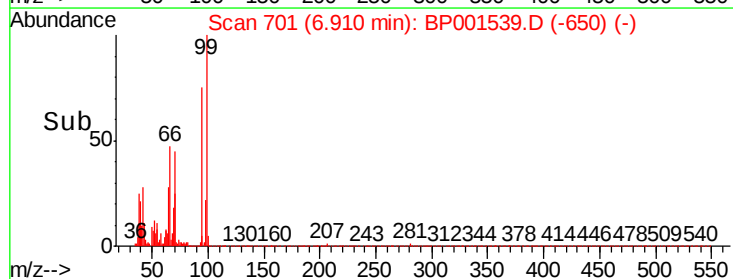
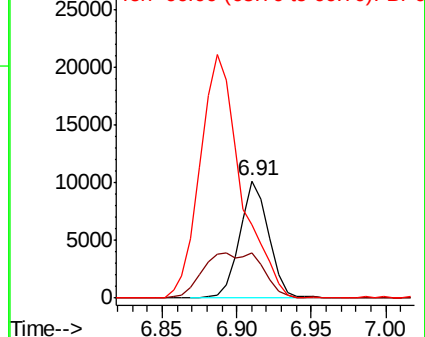
66 63.2 37.8 77.8

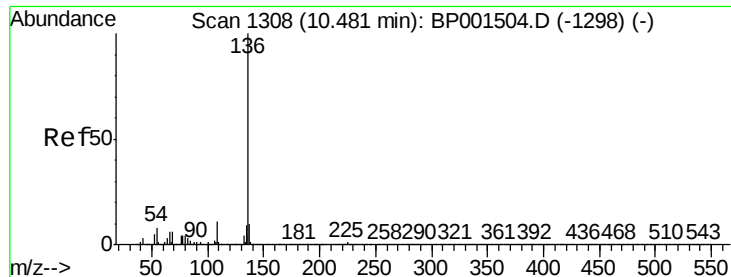


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

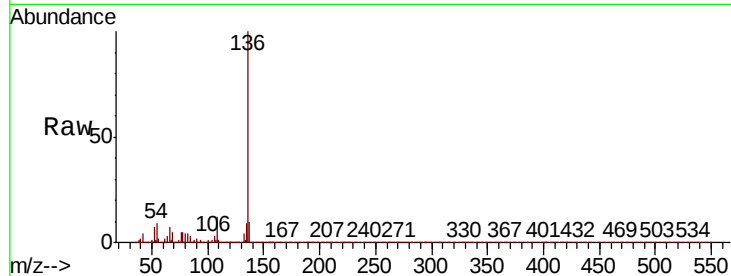
Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

Tot Ion:136	Resp:	212454
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.4	12.6
54 9.2	8.4	12.6
68 5.2	3.8	5.8

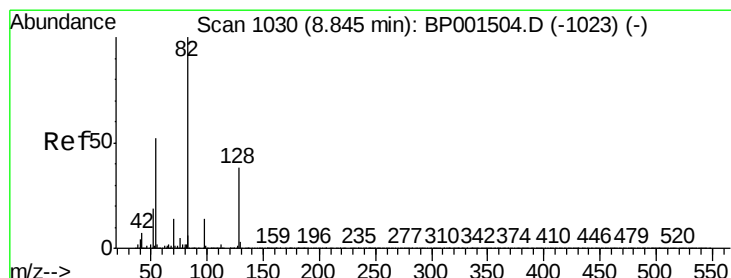
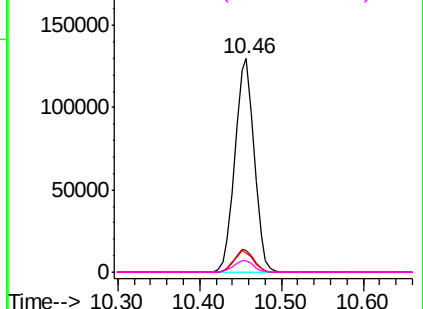
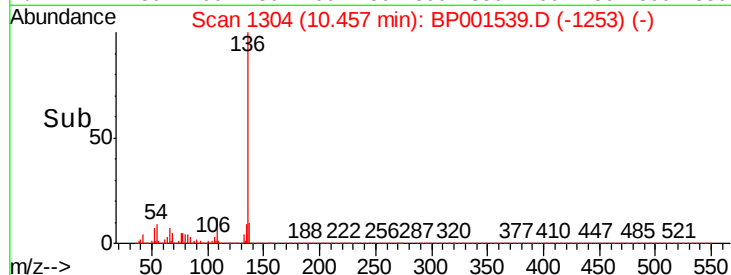


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 71.561 ng

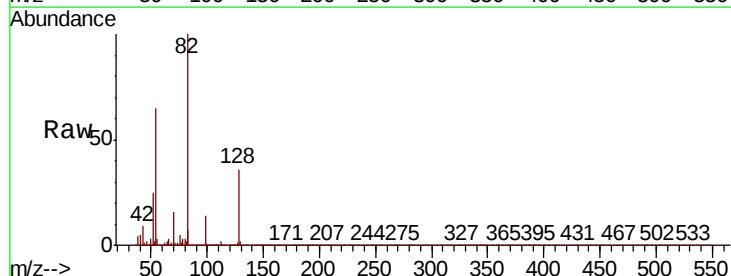
RT: 8.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

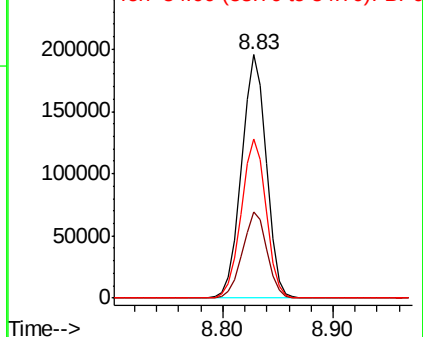
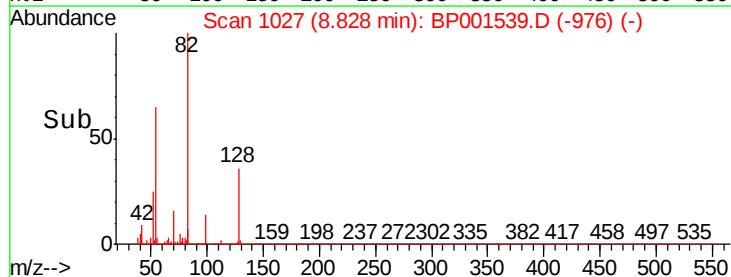
Tgt	Ion: 82	Resp:	307812
Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.9	40.3
54	65.3	51.8	77.8

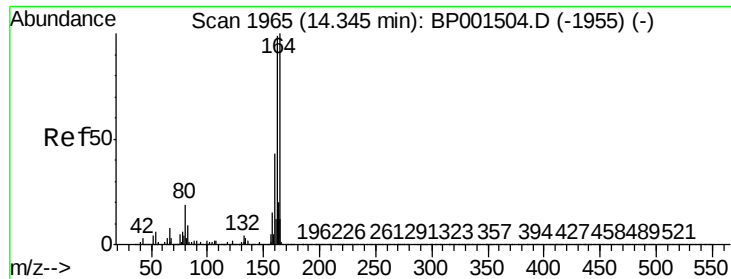


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

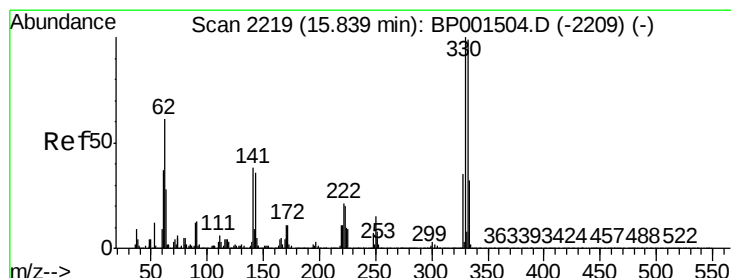
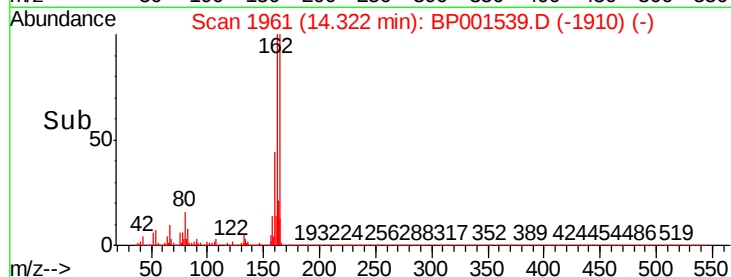
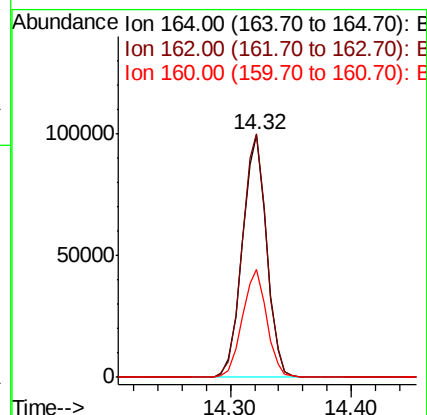
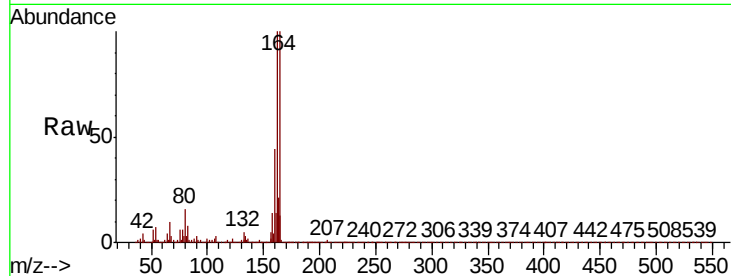




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

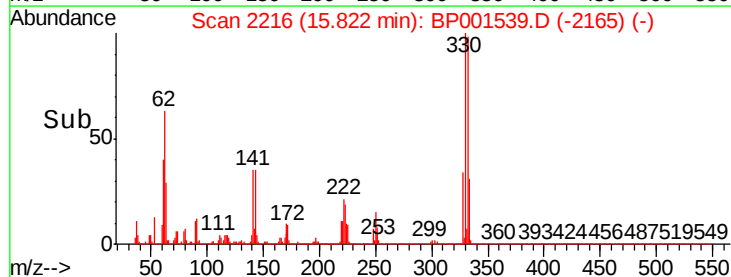
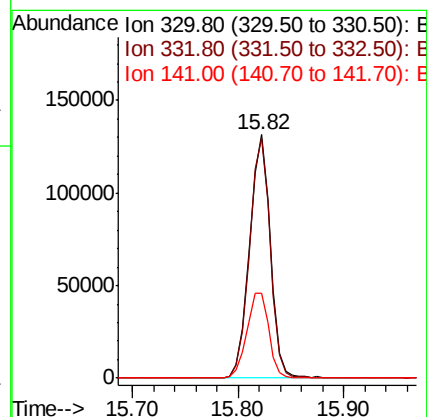
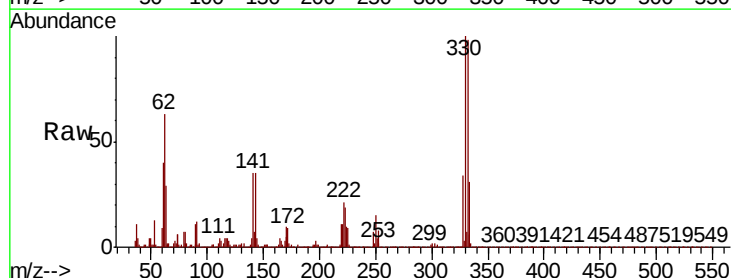
Instrument :
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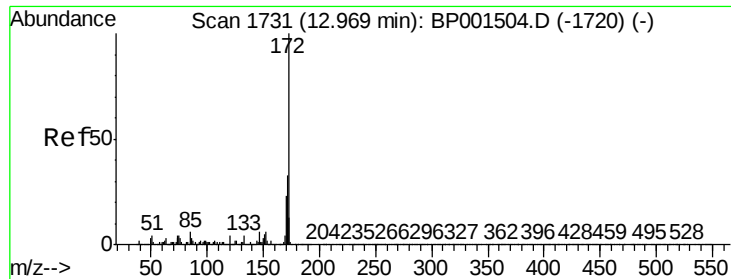
Tot Ion:164 Resp: 138864
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.4
160 44.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 114.519 ng
RT: 15.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:330 Resp: 179980
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 36.7 28.7 43.1

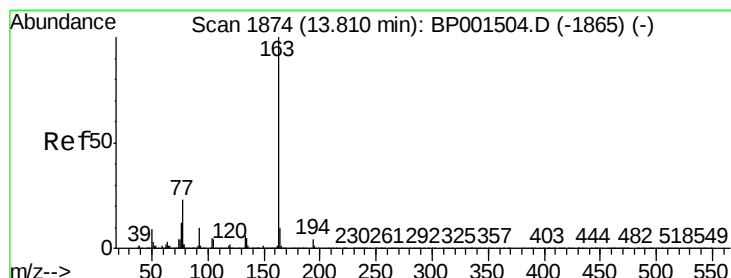
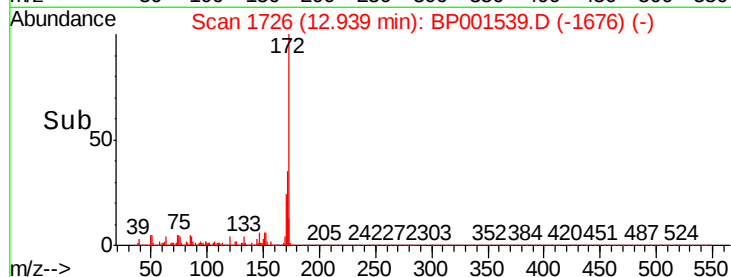
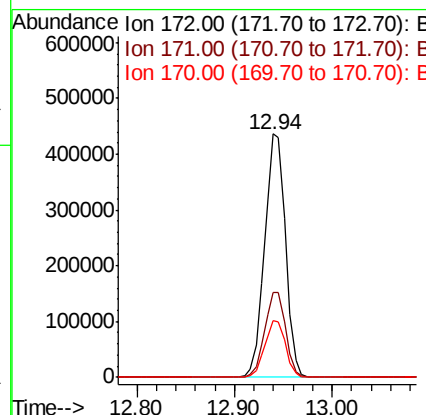
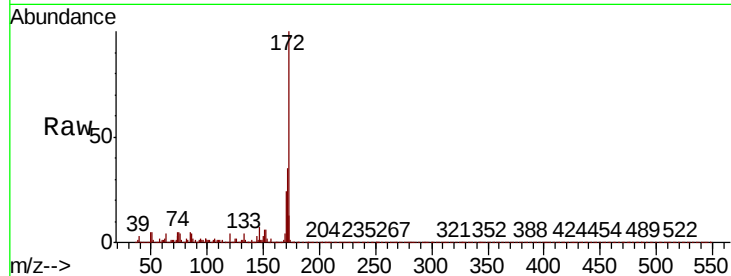




#45
2-Fluorobiphenyl
Concen: 69.915 ng
RT: 12.94 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

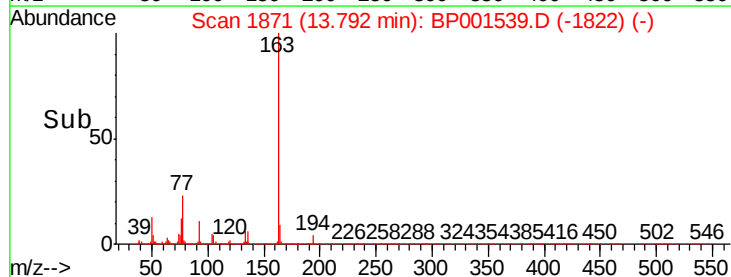
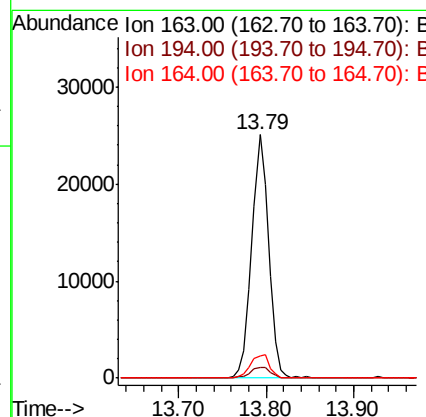
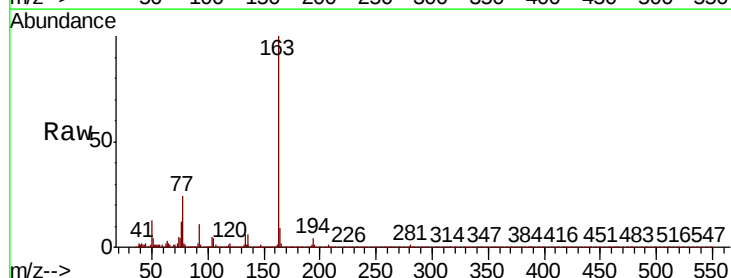
Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

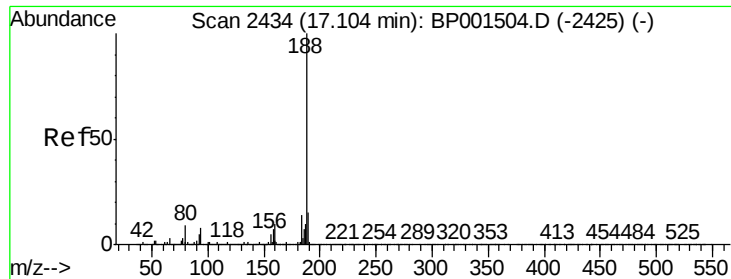
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.5	18.6	27.8



#50
Dimethylphthalate
Concen: 2.997 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.4	7.9	11.9

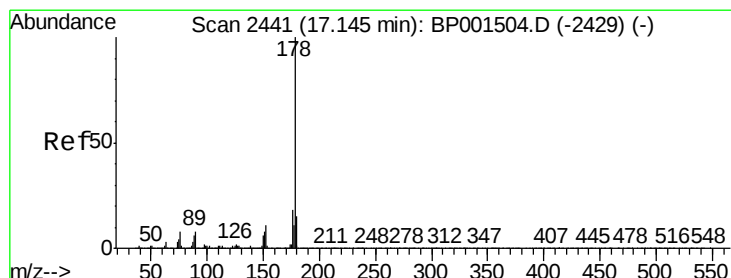
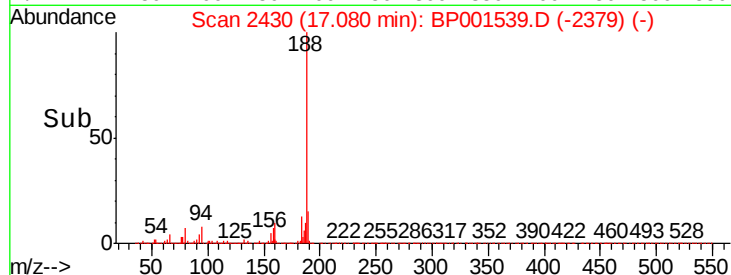
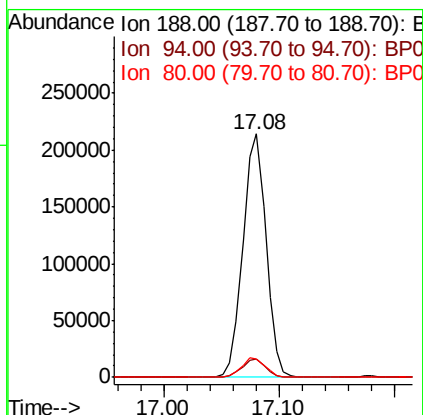
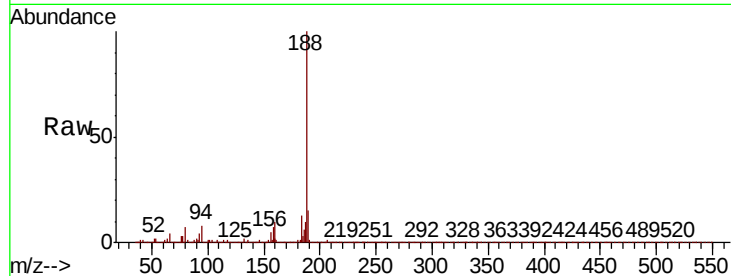




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

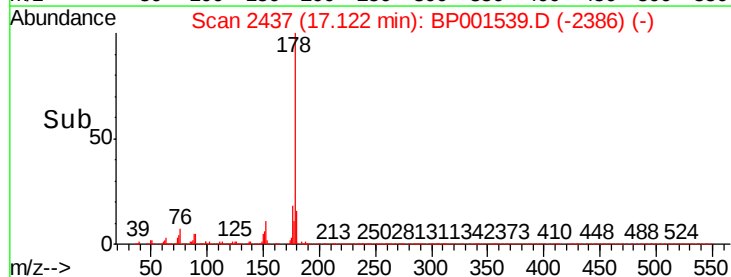
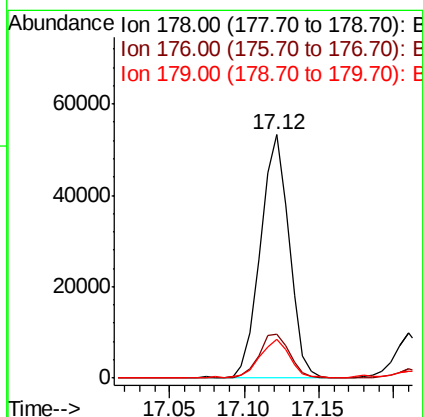
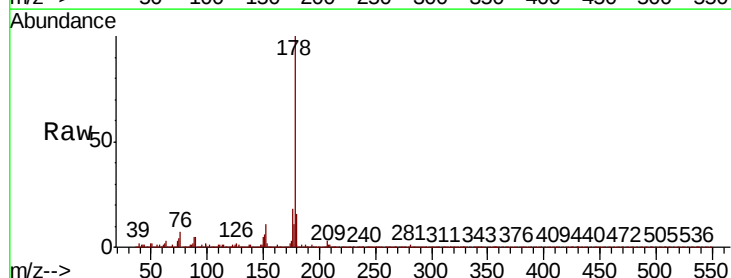
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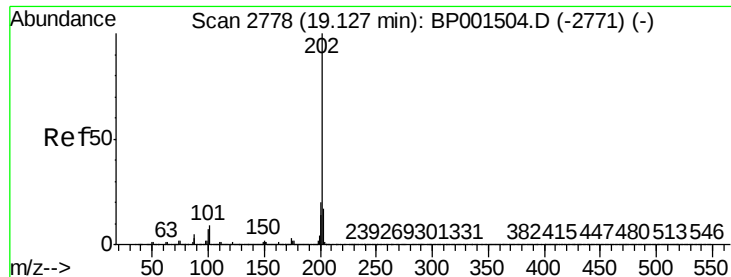
Tot Ion:188 Resp: 297348
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 7.5 6.3 9.5



#71
Phenanthrene
Concen: 4.364 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:178 Resp: 70384
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.9 12.2 18.4





#75

Fluoranthene

Concen: 5.959 ng

RT: 19.10 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

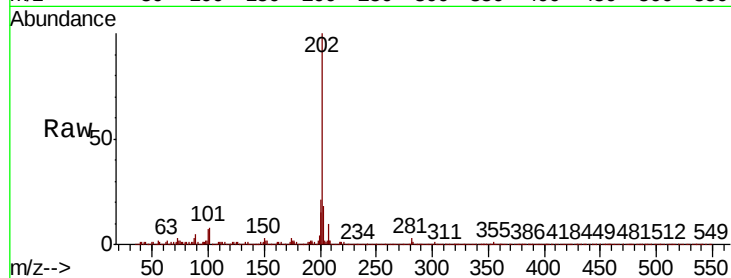
Tot Ion:202 Resp: 116334

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.1

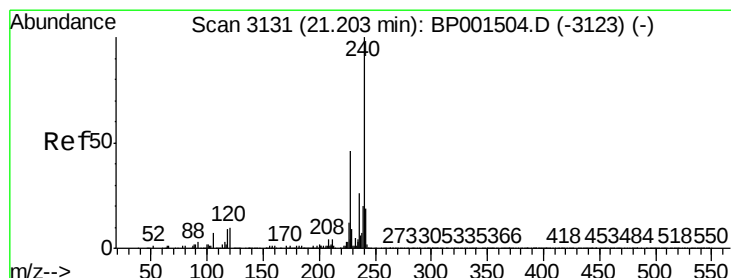
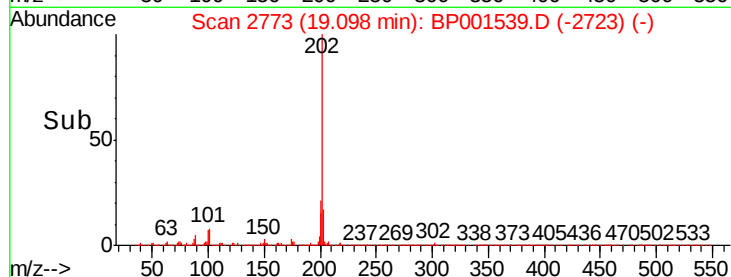
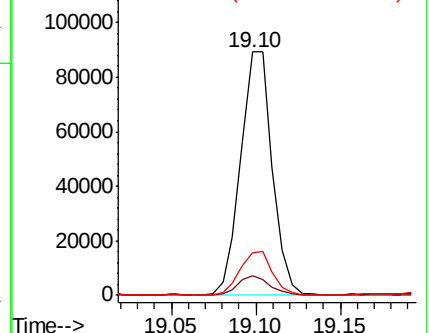
203 17.5 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

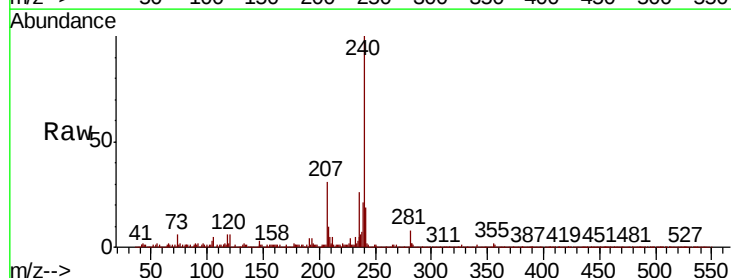
Tgt Ion:240 Resp: 234951

Ion Ratio Lower Upper

240 100

120 6.2 5.2 7.8

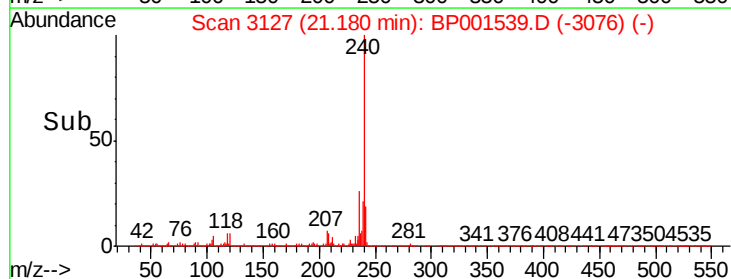
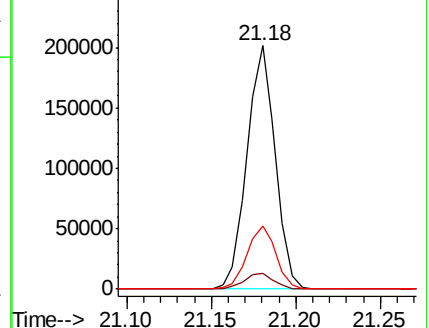
236 25.8 21.4 32.2

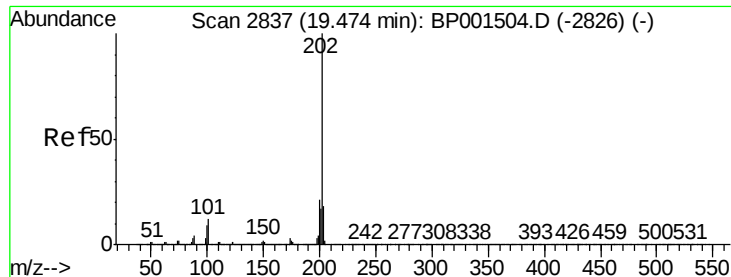


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

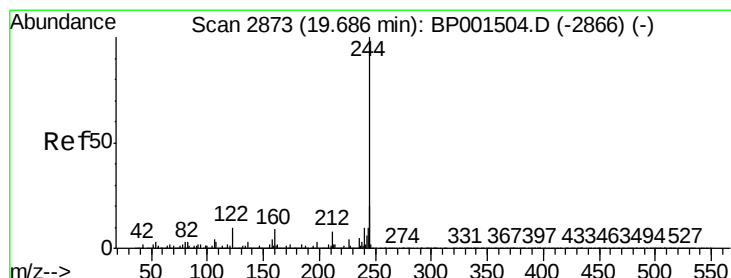
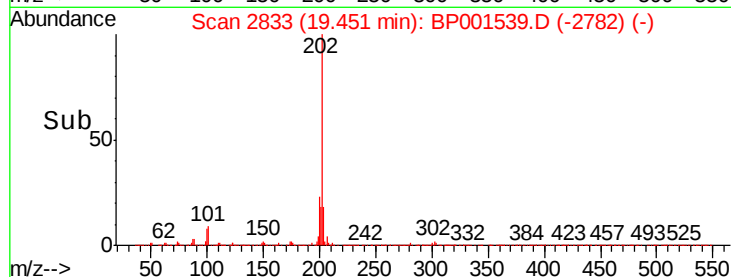
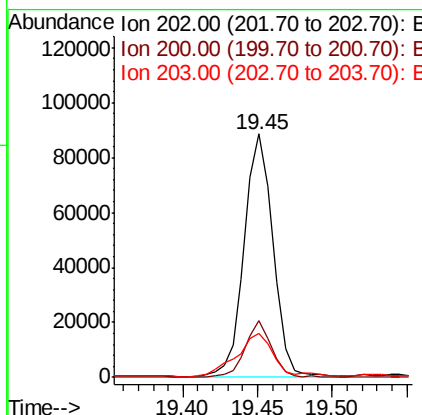
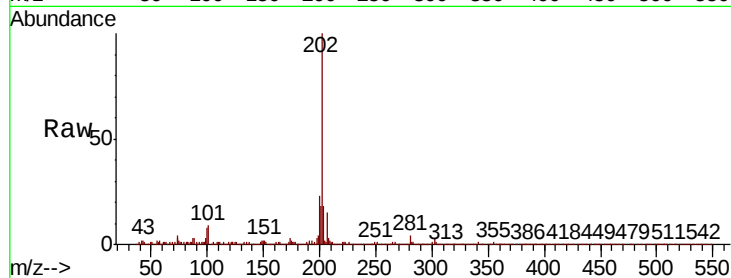




#78
Pvrene
Concen: 6.922 ng
RT: 19.45 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

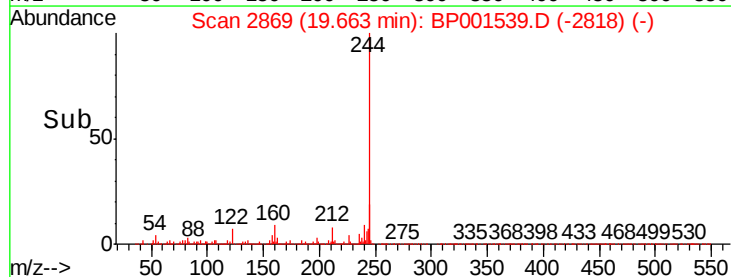
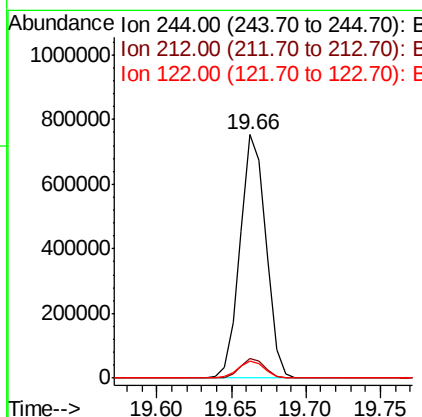
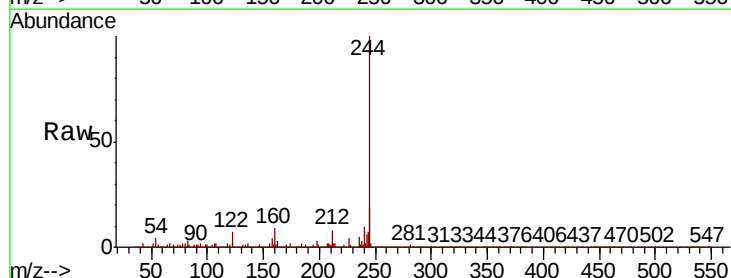
Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

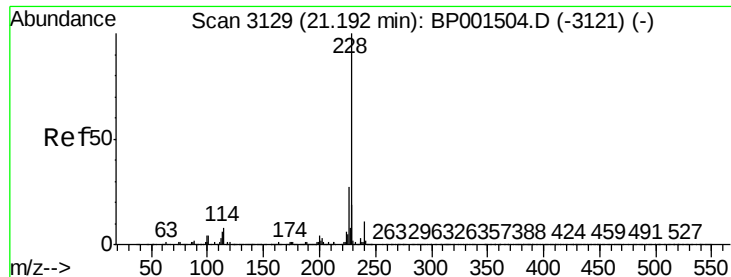
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	16.2	24.4
203	17.9	13.6	20.4



#79
Terphenyl-d14
Concen: 76.650 ng
RT: 19.66 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	7.0	6.0	9.0

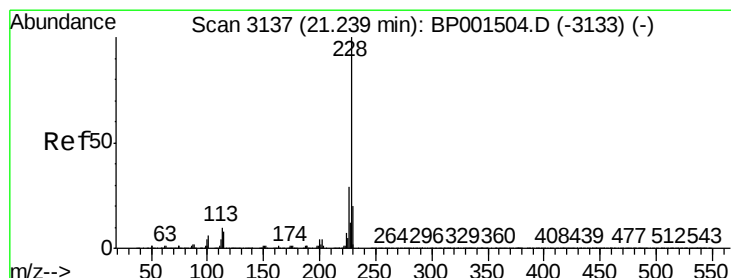
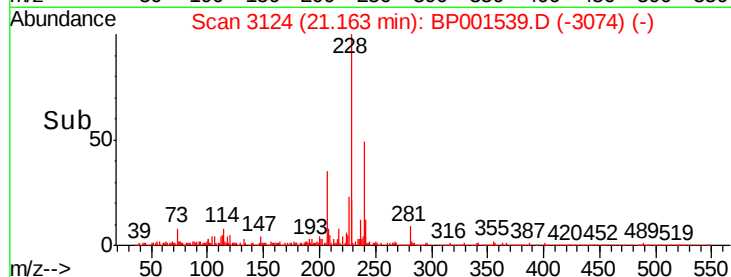
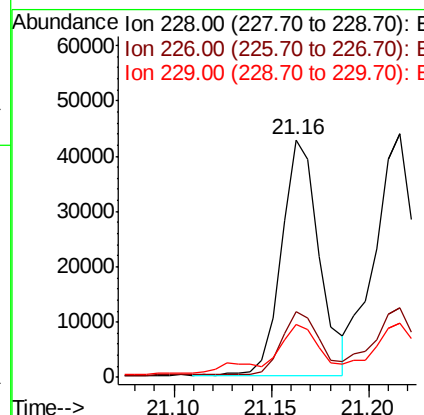
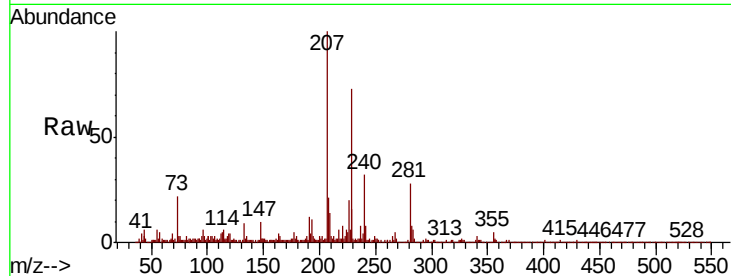




#81
Benzo(a)anthracene
Concen: 3.457 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

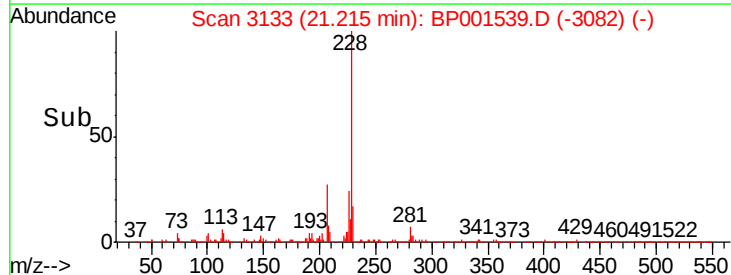
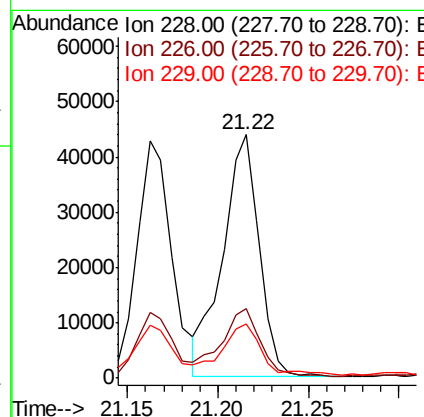
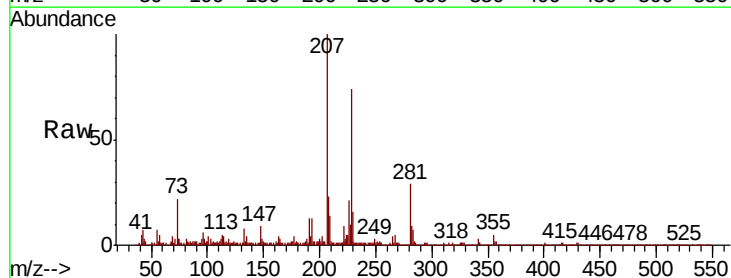
Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

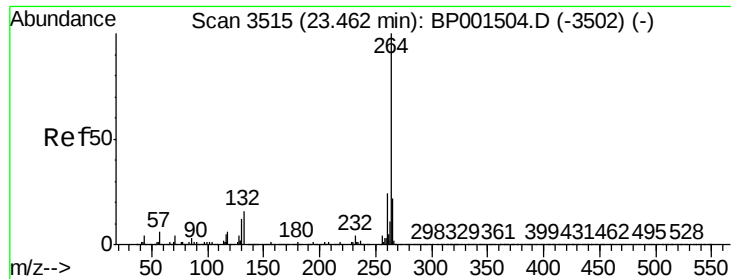
Tot Ion:228 Resp: 56984
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.2
229 22.2 15.5 23.3



#83
Chrysene
Concen: 3.869 ng
RT: 21.22 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion:228 Resp: 61164
Ion Ratio Lower Upper
228 100
226 28.7 23.1 34.7
229 22.2 15.6 23.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

Instrument :

BNA_P

ClientSampleId :

Q091-WC-01

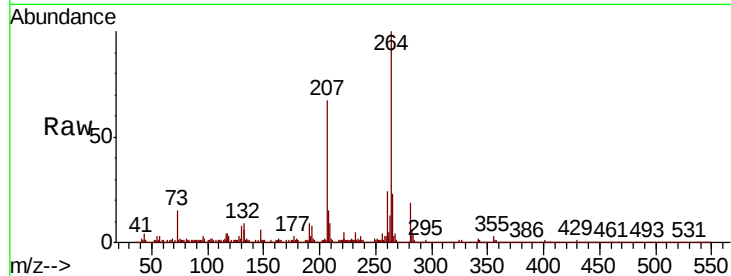
Tot Ion:264 Resp: 252617

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

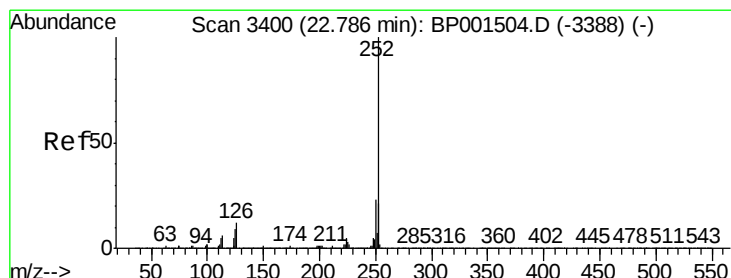
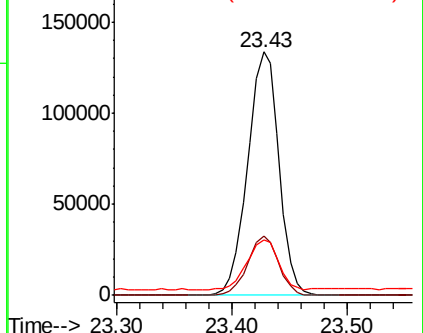
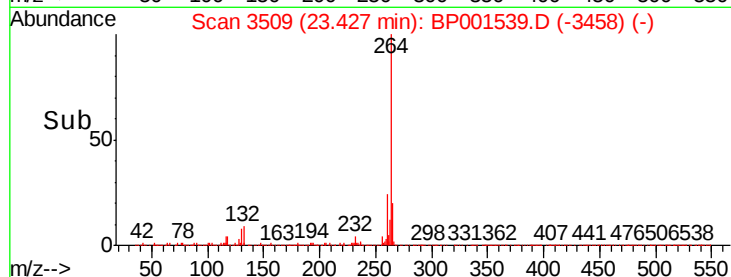
265 22.6 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.185 ng

RT: 22.76 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BP001539.D

Acq: 06 Jan 2020 20:28

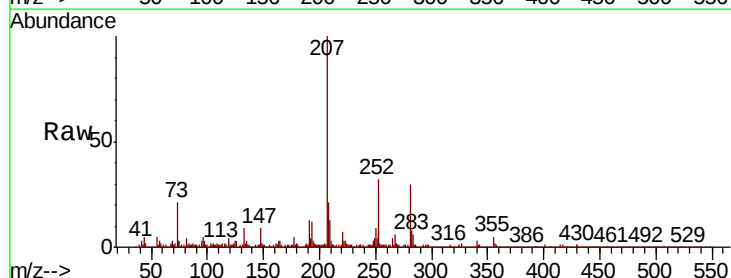
Tgt Ion:252 Resp: 65464

Ion Ratio Lower Upper

252 100

253 24.9 16.7 25.1

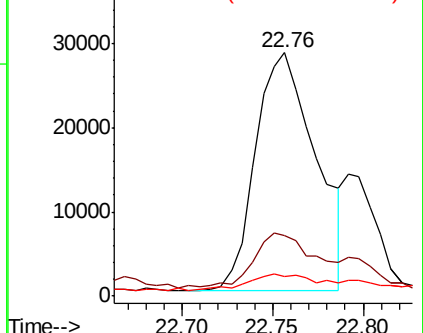
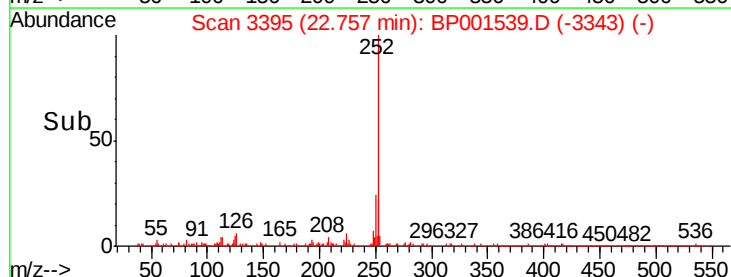
125 7.9 4.2 6.2#

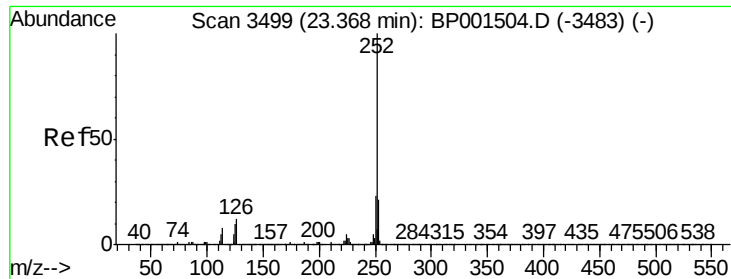


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

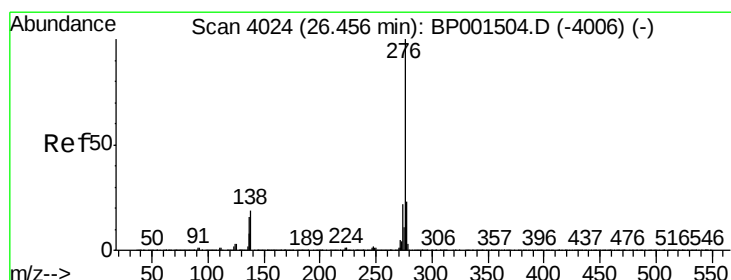
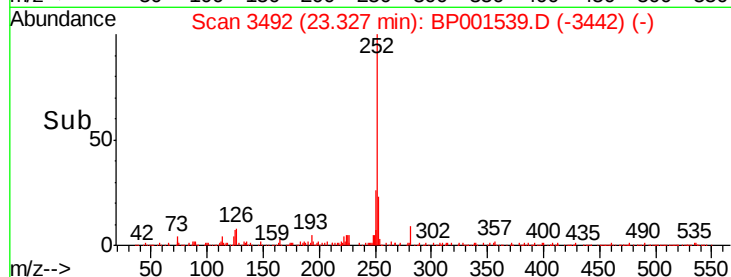
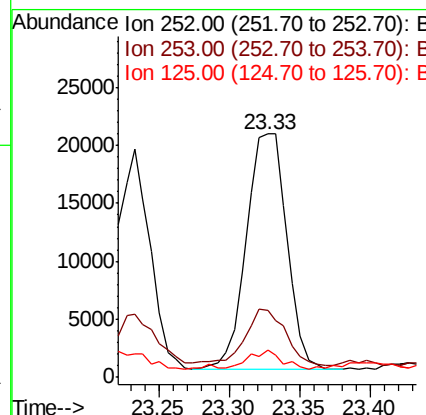
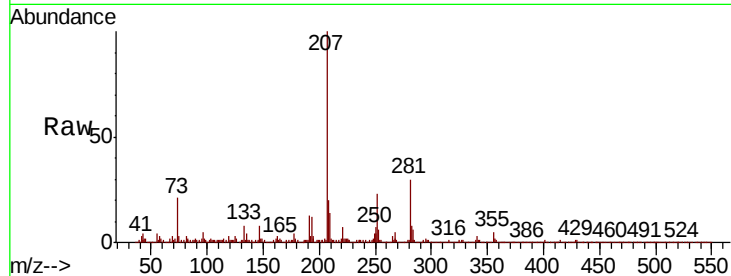




#90
Benzo(a)pyrene
Concen: 2.803 ng
RT: 23.33 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Instrument :
BNA_P
ClientSampled :
Q091-WC-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.8#
125	11.1	4.6	6.8#



#92
Benzo(g,h,i)perylene
Concen: 2.028 ng
RT: 26.39 min Scan# 4013
Delta R.T. -0.01 min
Lab File: BP001539.D
Acq: 06 Jan 2020 20:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	15.3	10.1	15.1#

