

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024690.D
 Acq On : 31 Jan 2020 23:58
 Operator : CG/JU
 Sample : L1009-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 01:01:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

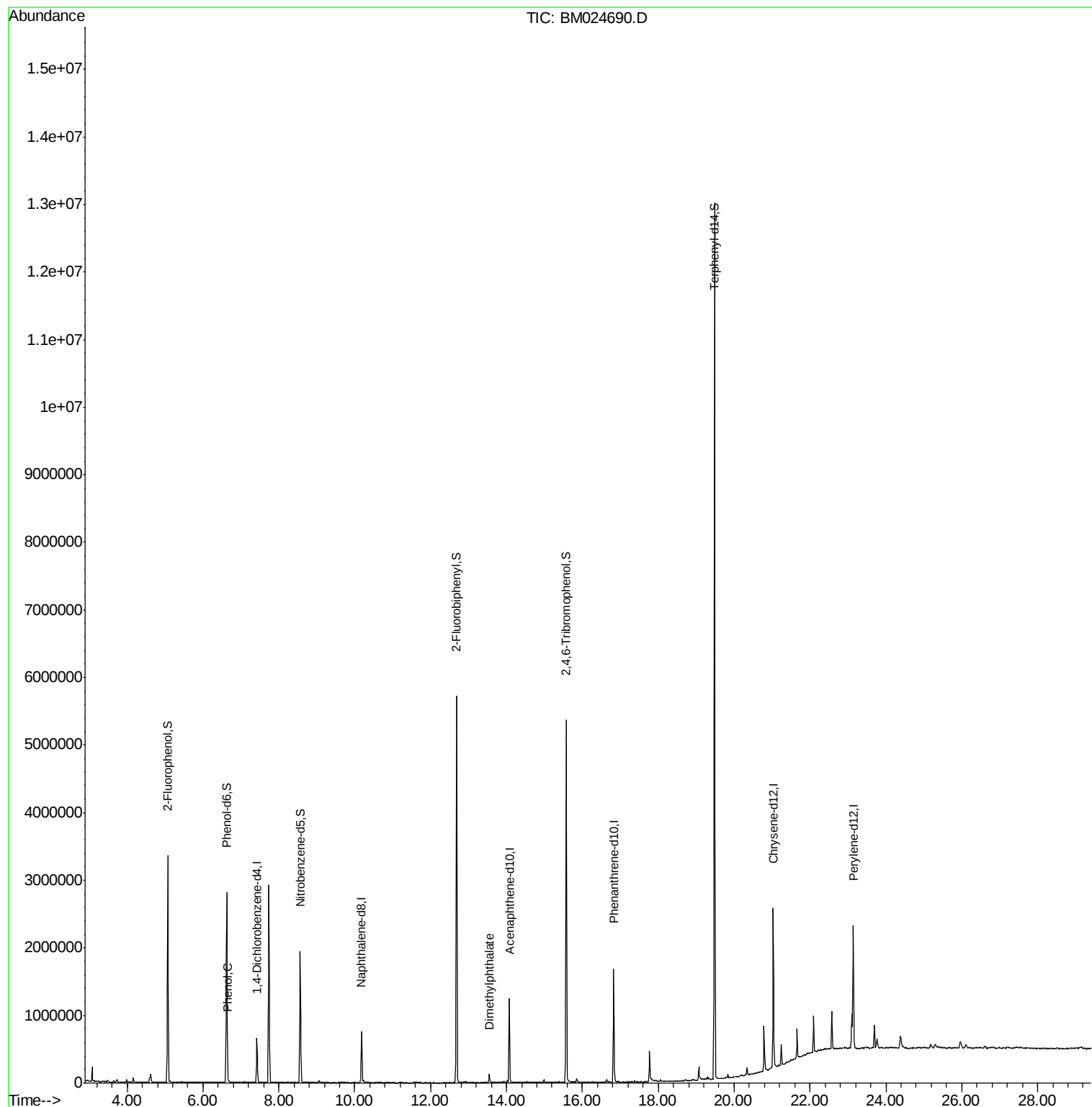
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	182726	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	642225	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	431756	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1010698	20.00	ng	-0.02
76) Chrysene-d12	21.03	240	1138101	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1325420	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1365180	142.08	ng	-0.01
7) Phenol-d6	6.63	99	1568333	118.49	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1104801	84.36	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1112285	158.37	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3092175	97.37	ng	-0.02
79) Terphenyl-d14	19.49	244	6346076	104.10	ng	-0.02
Target Compounds						
10) Phenol	6.65	94	35093	2.660	ng	90
50) Dimethylphthalate	13.54	163	81712	2.340	ng	99

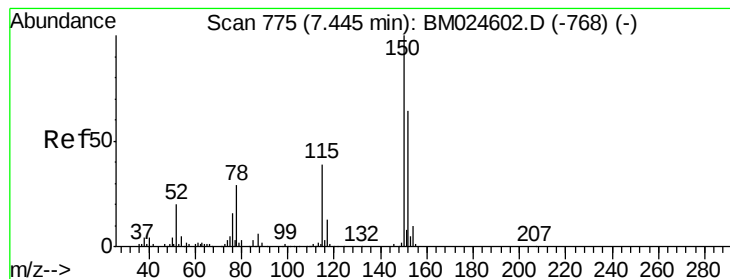
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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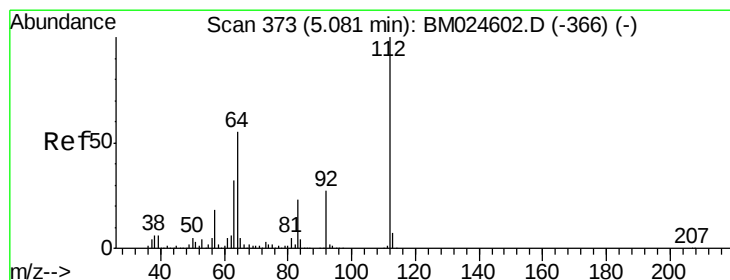
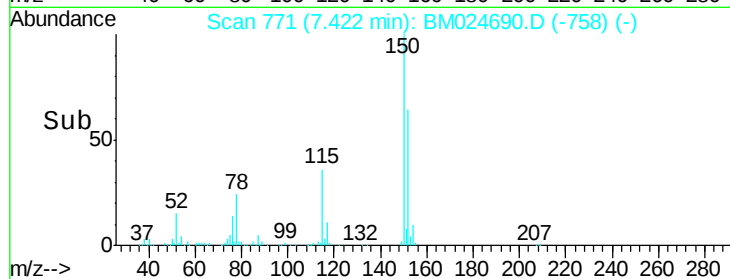
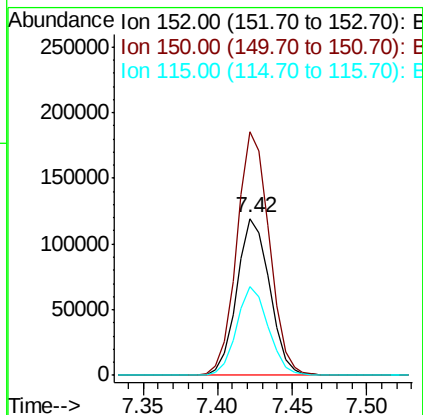
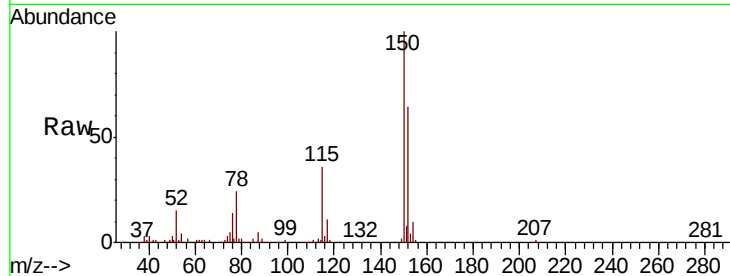


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024690.D
Acq: 31 Jan 2020 23:58

Instrument :
BNA_M
ClientSampleId :

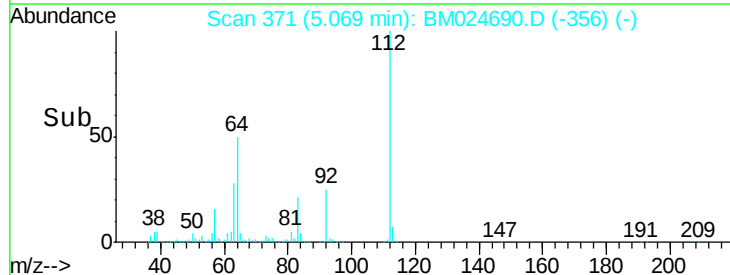
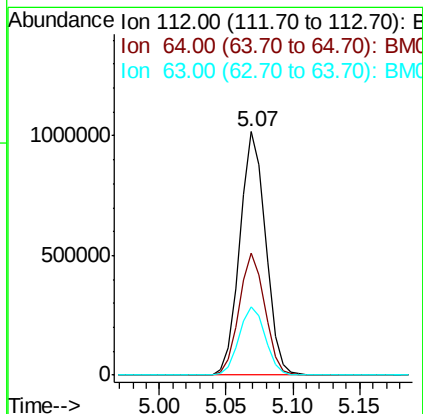
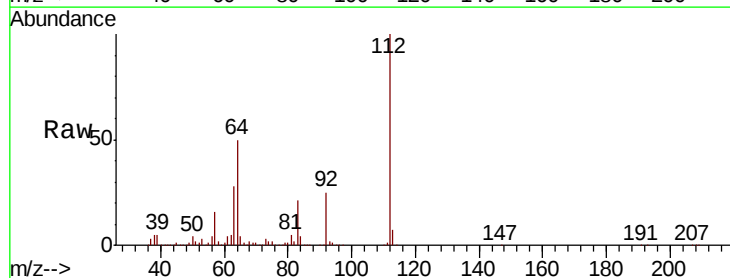
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.4
115	56.3	48.6	72.8

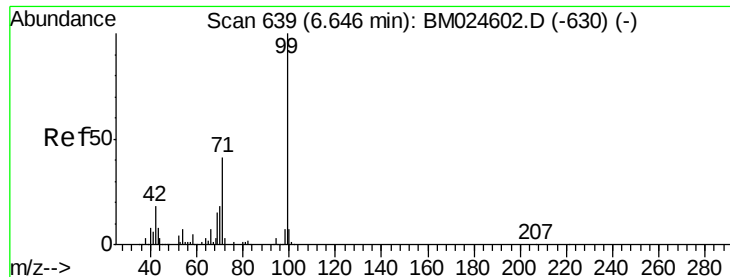


#5

2-Fluorophenol
Concen: 142.084 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024690.D
Acq: 31 Jan 2020 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	44.2	66.4
63	28.2	25.9	38.9





#7

Phenol-d6

Concen: 118.489 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024690.D

Acq: 31 Jan 2020 23:58

Instrument :

BNA_M

ClientSampled :

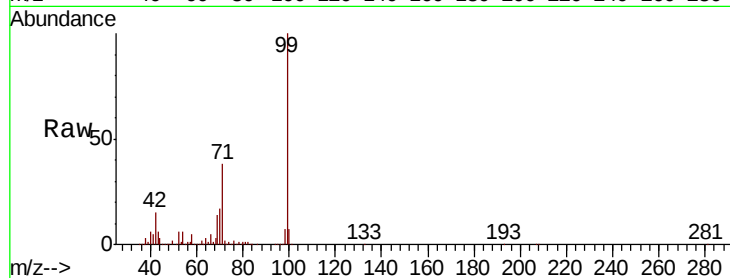
Tot Ion: 99 Resp: 1568333

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

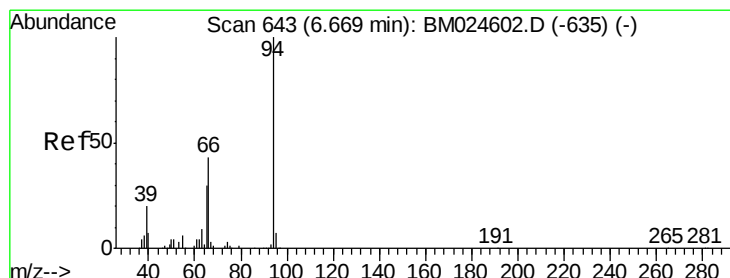
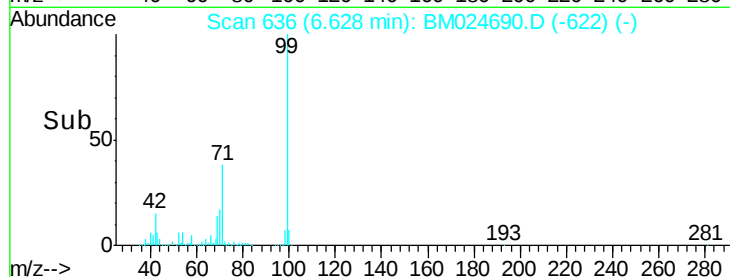
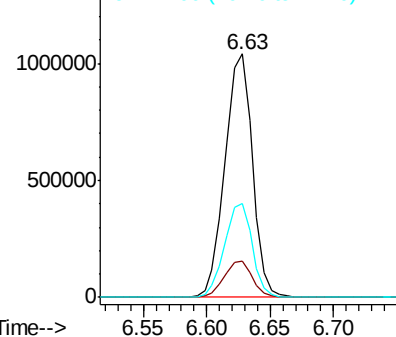
71 38.5 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024690.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024690.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024690.D (-622) (-)



#10

Phenol

Concen: 2.660 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024690.D

Acq: 31 Jan 2020 23:58

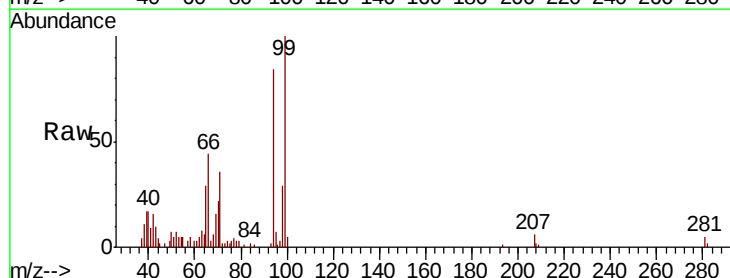
Tgt Ion: 94 Resp: 35093

Ion Ratio Lower Upper

94 100

65 34.5 10.3 50.3

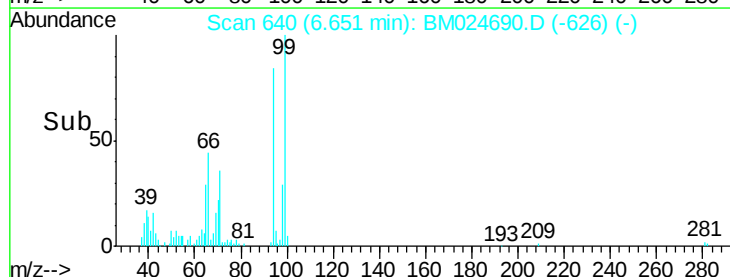
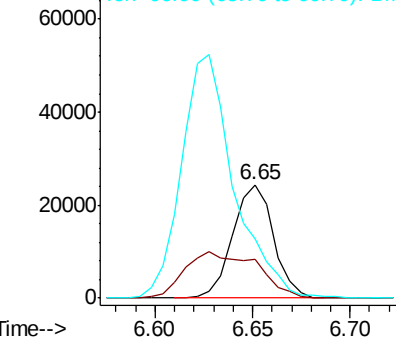
66 52.0 24.8 64.8

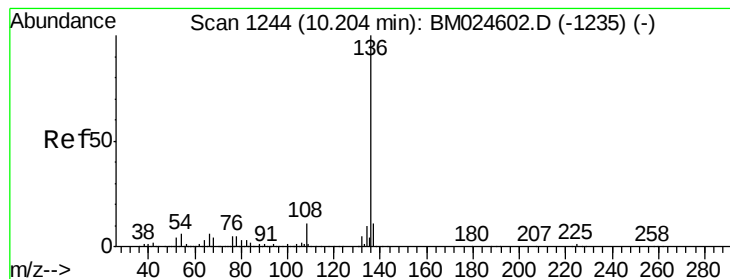


Abundance Ion 94.00 (93.70 to 94.70): BM024690.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024690.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024690.D (-626) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024690.D

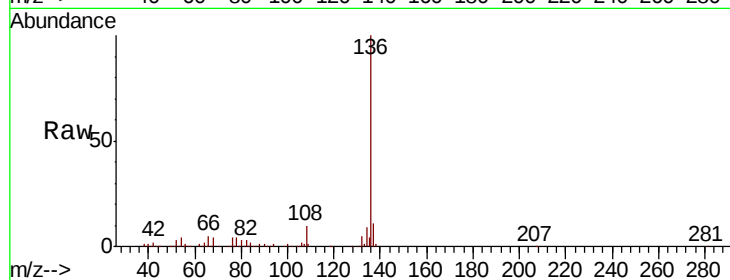
Acq: 31 Jan 2020 23:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	642225
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	4.5	4.5 6.7#
68	3.8	3.4 5.0

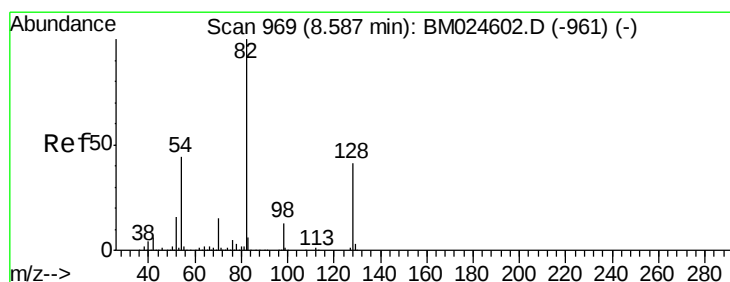
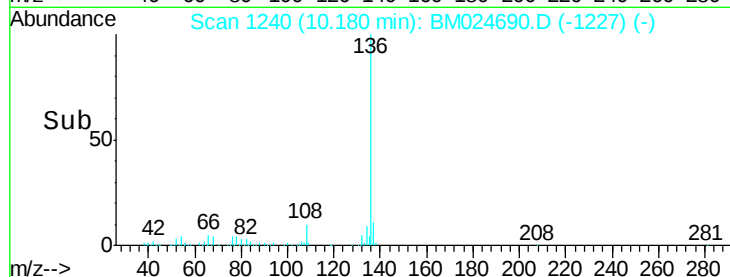
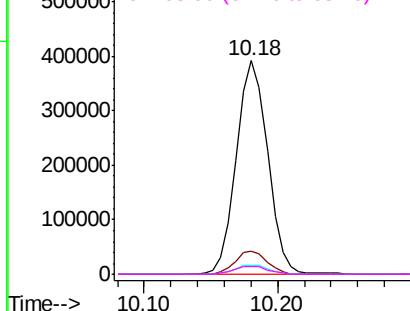


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 84.365 ng

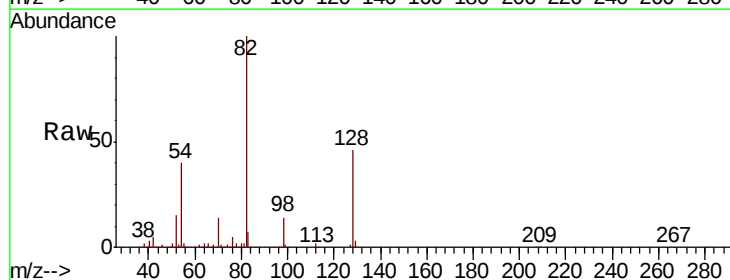
RT: 8.56 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM024690.D

Acq: 31 Jan 2020 23:58

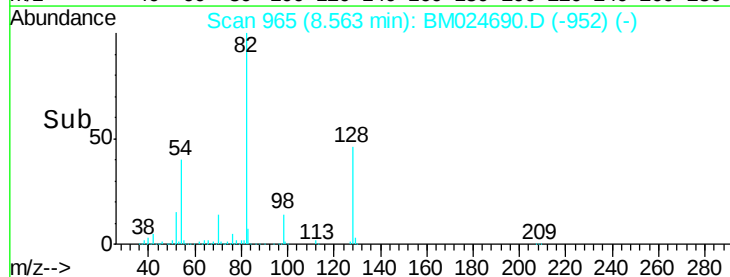
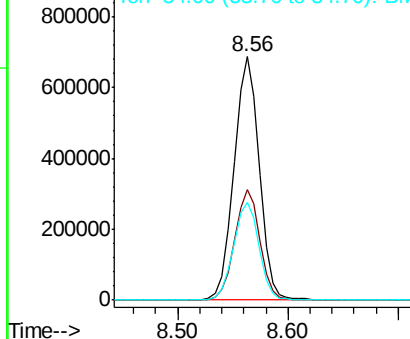
Tgt Ion: 82	Resp:	1104801
Ion	Ratio	Lower Upper
82	100	
128	45.6	32.6 48.8
54	40.1	34.8 52.2

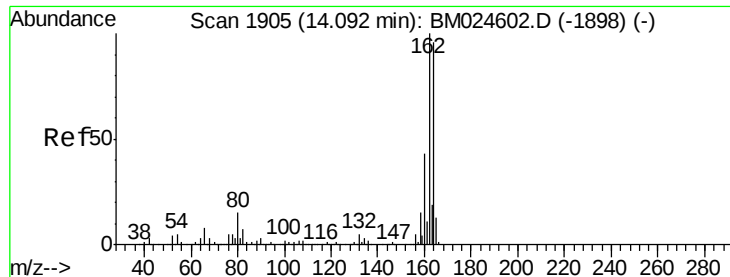


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024690.D

Acq: 31 Jan 2020 23:58

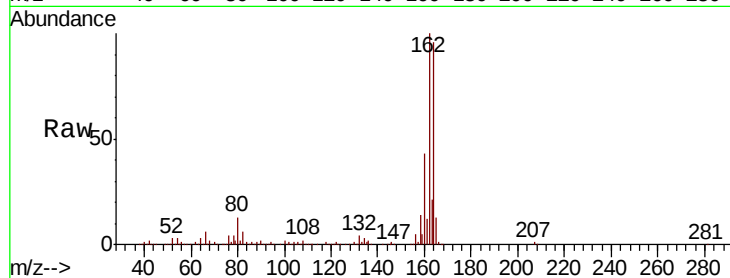
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 431756

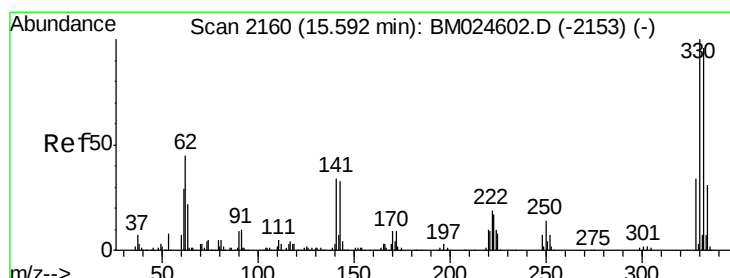
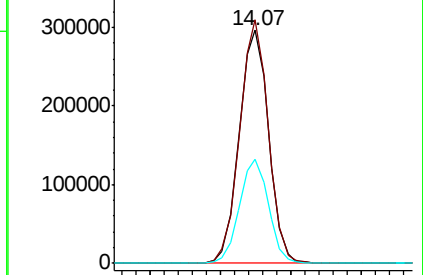
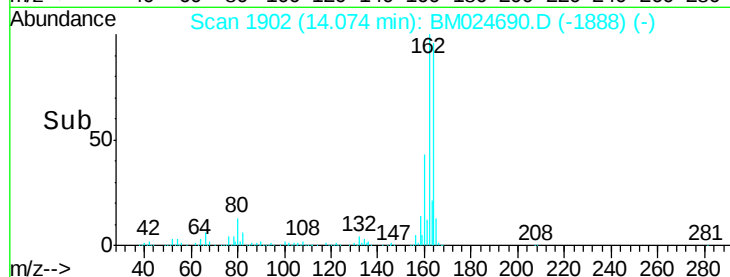
Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.9	124.3
160	44.5	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 158.374 ng

RT: 15.57 min Scan# 2157

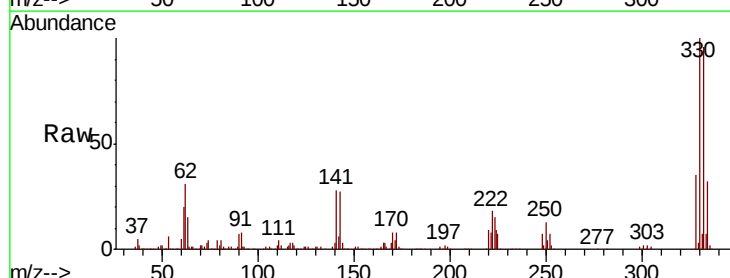
Delta R.T. -0.02 min

Lab File: BM024690.D

Acq: 31 Jan 2020 23:58

Tgt Ion:330 Resp: 1112285

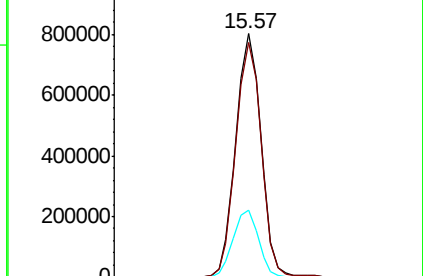
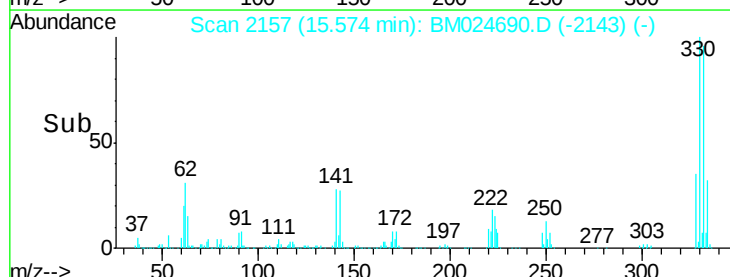
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	27.8	26.9	40.3

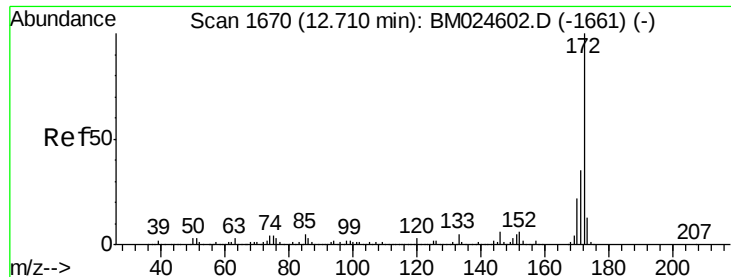


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

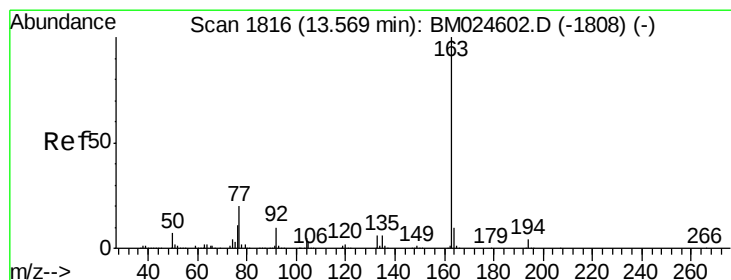
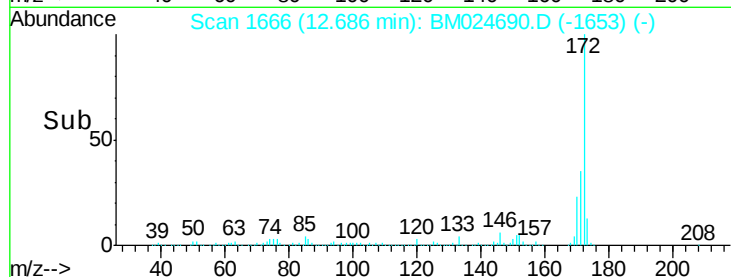
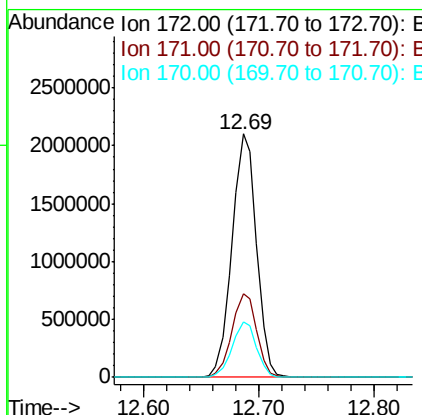
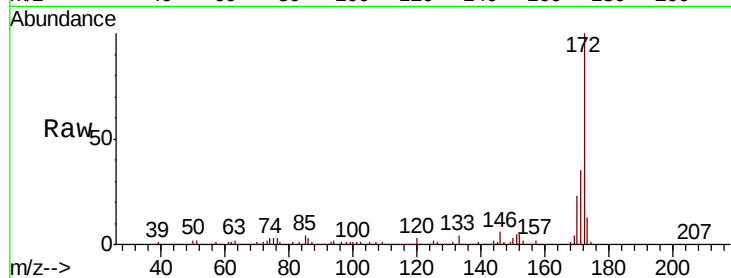




#45
2-Fluorobiphenyl
Concen: 97.366 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024690.D
Acq: 31 Jan 2020 23:58

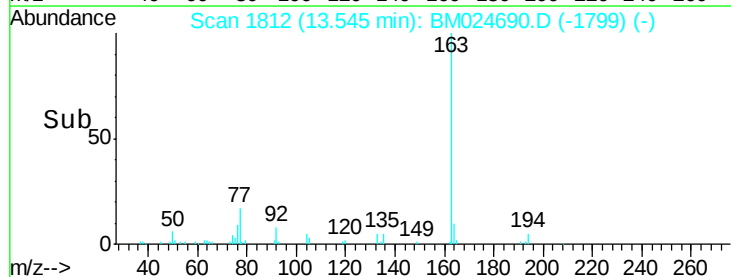
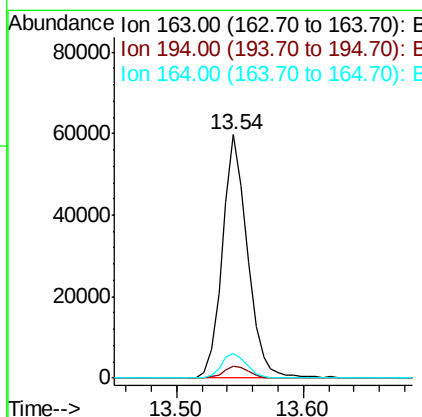
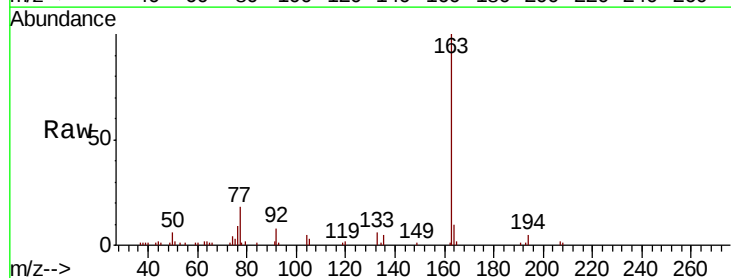
Instrument :
BNA_M
ClientSampled :

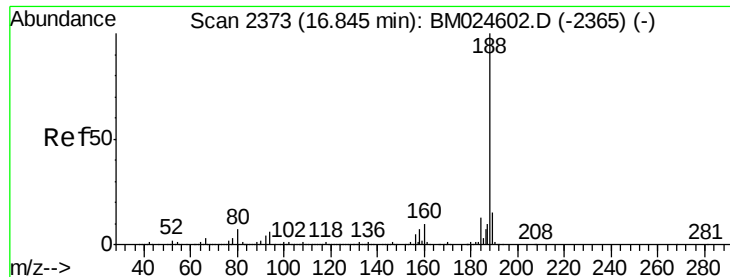
Tot Ion:172 Resp: 3092175
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.6 17.9 26.9



#50
Dimethylphthalate
Concen: 2.340 ng
RT: 13.54 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BM024690.D
Acq: 31 Jan 2020 23:58

Tgt Ion:163 Resp: 81712
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.0
164 10.3 8.0 12.0

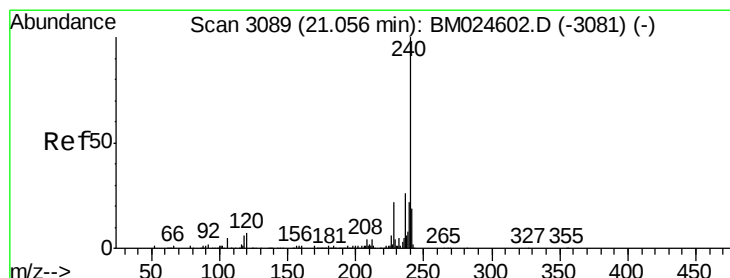
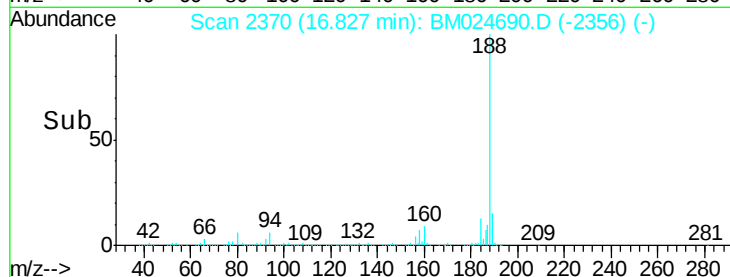
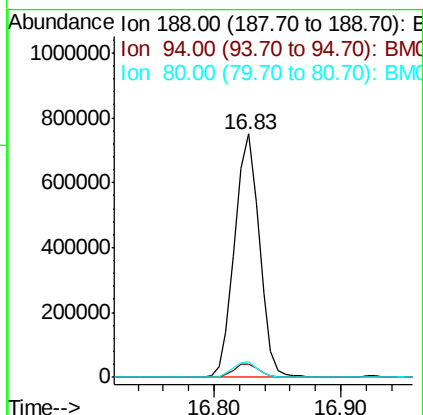
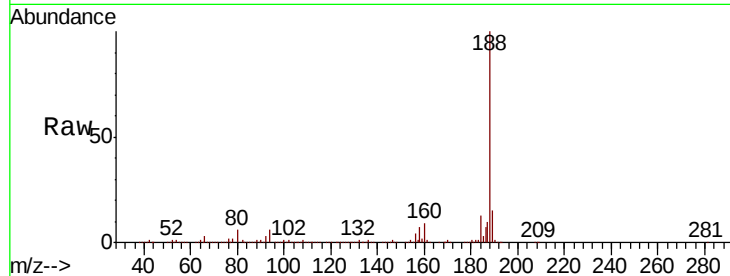




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024690.D
Acq: 31 Jan 2020 23:58

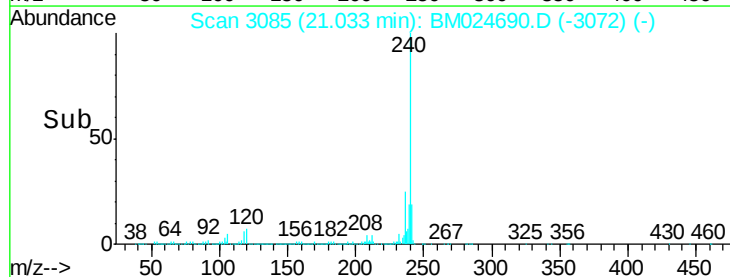
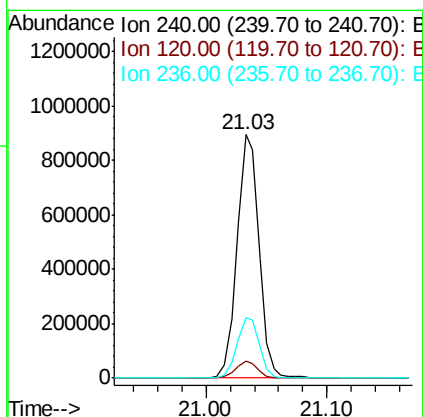
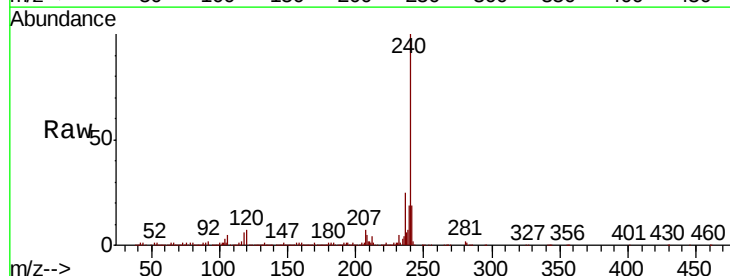
Instrument :
BNA_M
ClientSampled :

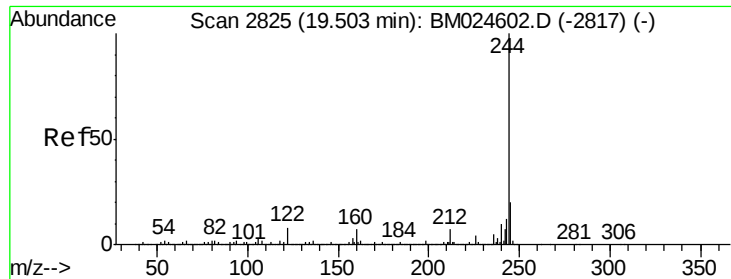
Tot Ion:188 Resp: 1010698
Ion Ratio Lower Upper
188 100
94 5.6 5.0 7.6
80 6.3 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.02 min
Lab File: BM024690.D
Acq: 31 Jan 2020 23:58

Tgt Ion:240 Resp: 1138101
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 25.1 20.6 31.0

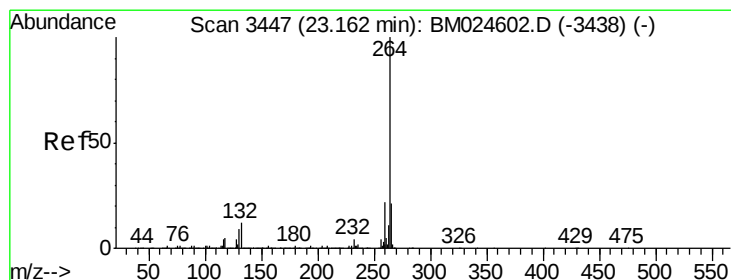
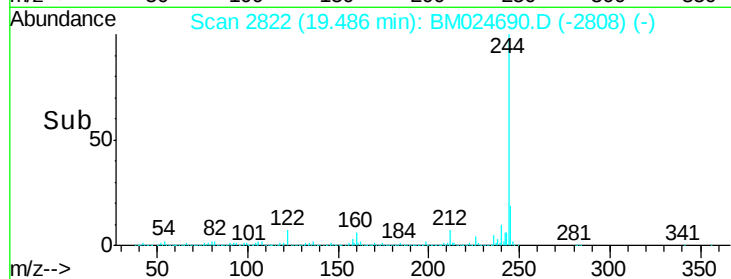
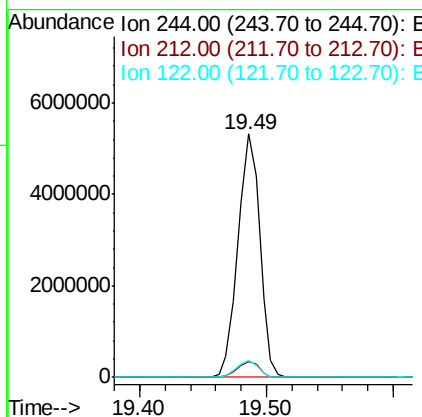
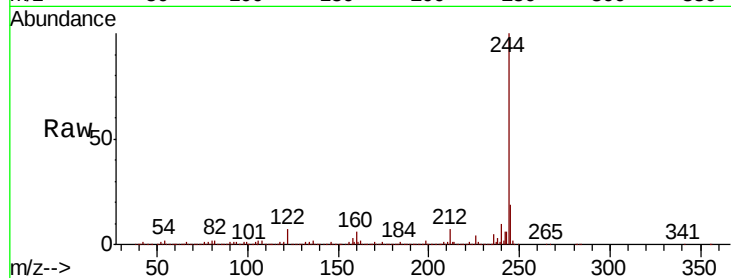




#79
 Terphenyl-d14
 Concen: 104.099 ng
 RT: 19.49 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM024690.D
 Acq: 31 Jan 2020 23:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6346076
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 7.2 6.2 9.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.14 min Scan# 3444
 Delta R.T. -0.02 min
 Lab File: BM024690.D
 Acq: 31 Jan 2020 23:58

Tgt Ion:264 Resp: 1325420
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 22.0 17.3 25.9

