

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
 Data File : BM018991.D
 Acq On : 01 Mar 2019 17:44
 Operator : JU/SJ
 Sample : K1655-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0

Quant Time: Mar 01 22:25:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

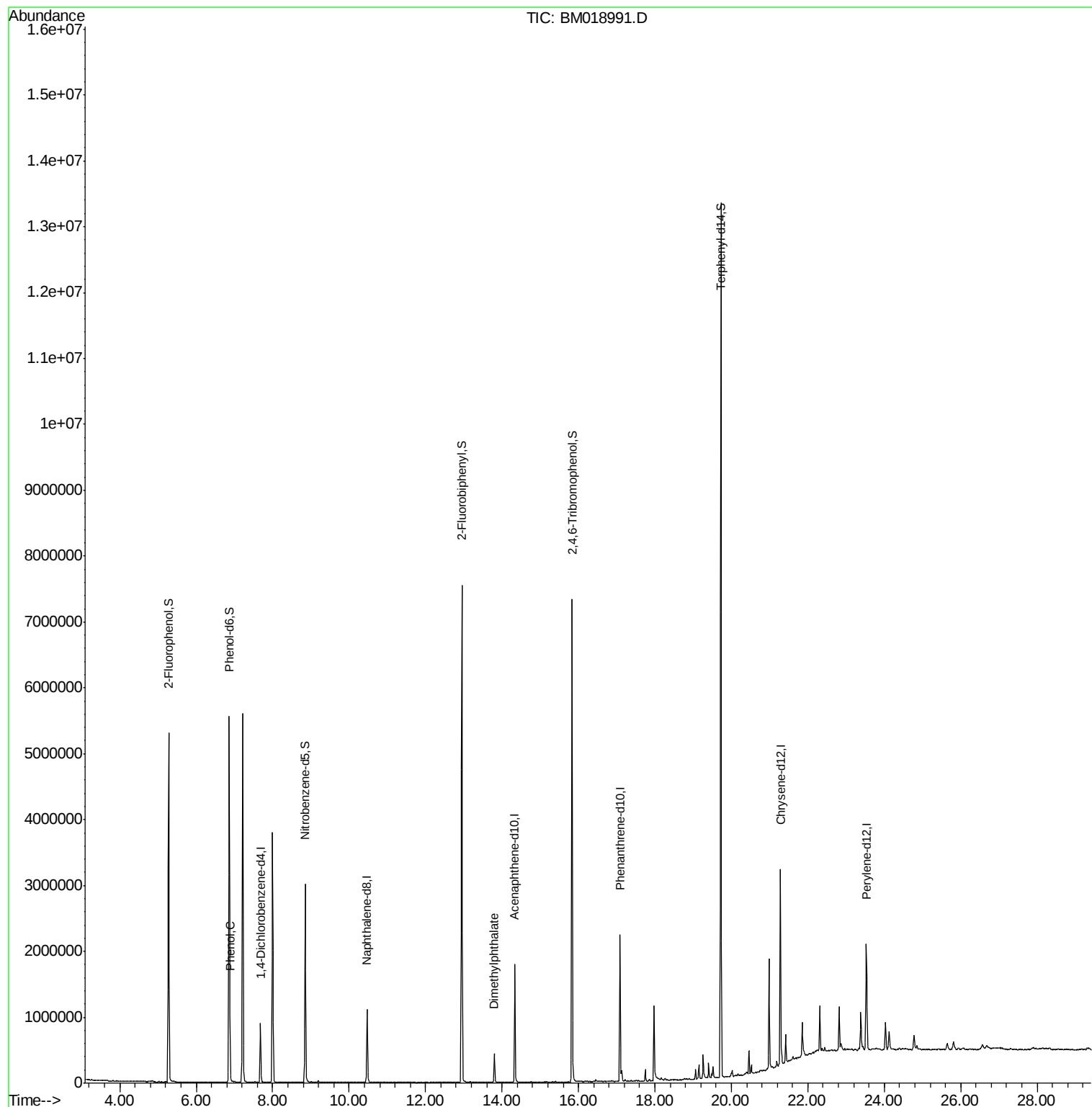
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	228125	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	919619	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	546103	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1253392	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1288025	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1142214	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2163022	155.36	ng	-0.02
7) Phenol-d6	6.86	99	3173277	161.79	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1952124	98.15	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1292577	164.20	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3706991	90.11	ng	-0.03
79) Terphenyl-d14	19.73	244	5846563	93.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	8639	Below Cal		Qvalue # 7
10) Phenol	6.89	94	42842	2.076	ng	79
50) Dimethylphthalate	13.80	163	281918	6.194	ng	99

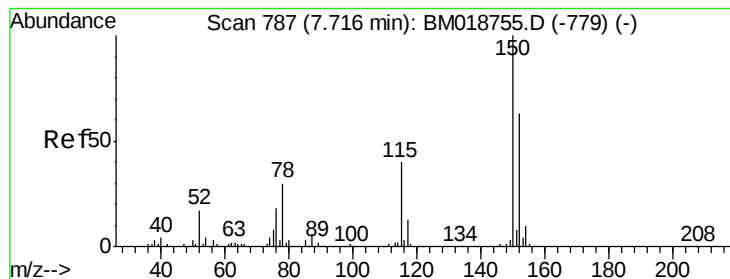
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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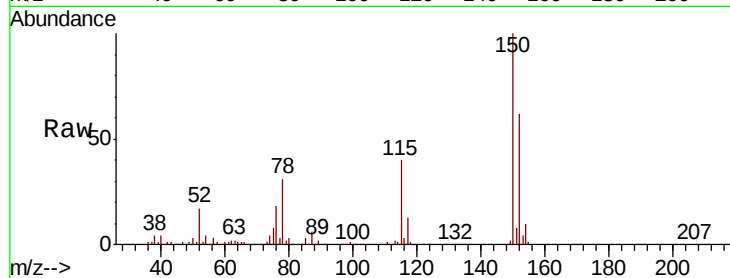


#1

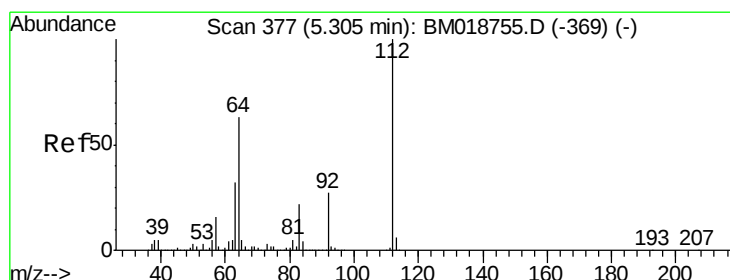
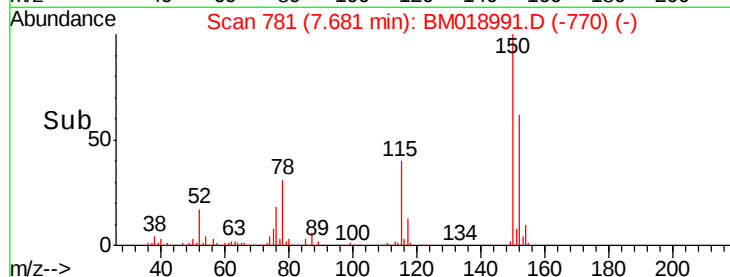
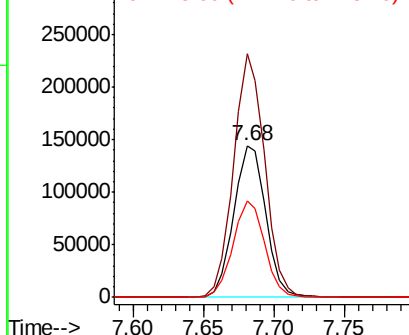
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0

Tgt Ion:152 Resp: 228125
Ion Ratio Lower Upper
152 100
150 160.3 127.3 190.9
115 63.8 50.8 76.2



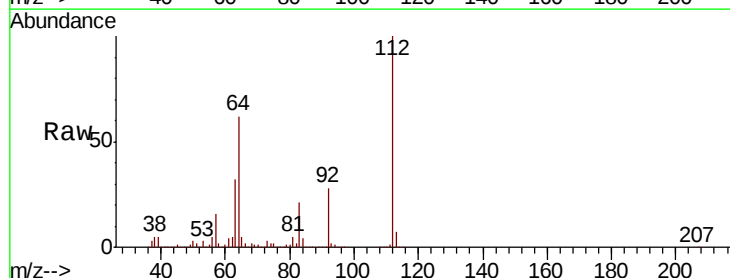
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



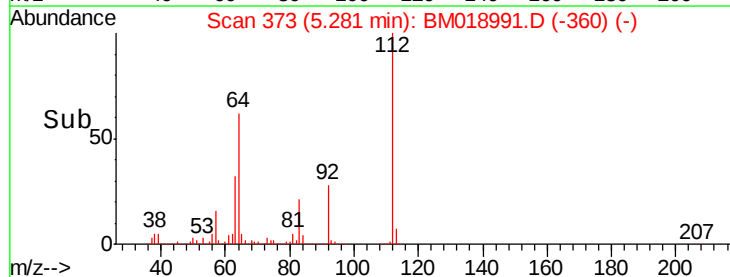
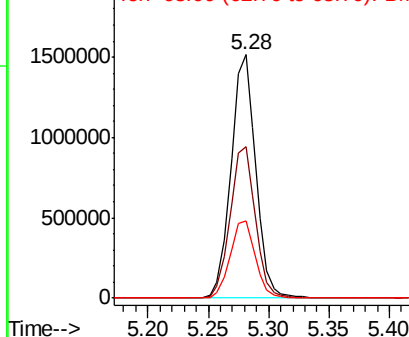
#5

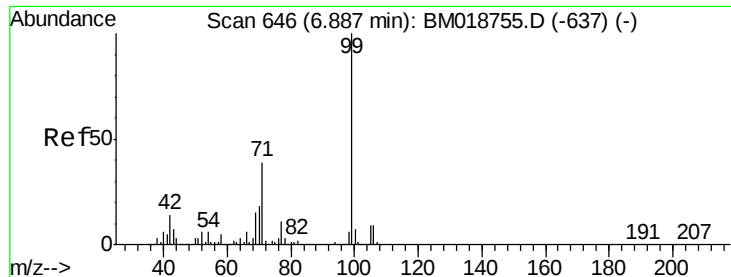
2-Fluorophenol
Concen: 155.356 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

Tgt Ion:112 Resp: 2163022
Ion Ratio Lower Upper
112 100
64 62.1 50.6 75.8
63 31.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 161.785 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018991.D

Acq: 01 Mar 2019 17:44

Instrument :

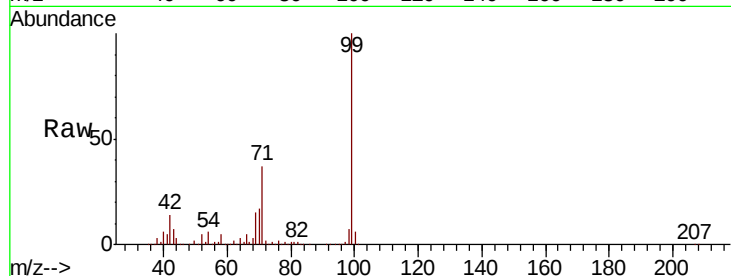
BNA_M

ClientSampleId :

A0C12-2-1.5-2.0

Tgt Ion: 99 Resp: 3173277

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	37.3	31.3	46.9

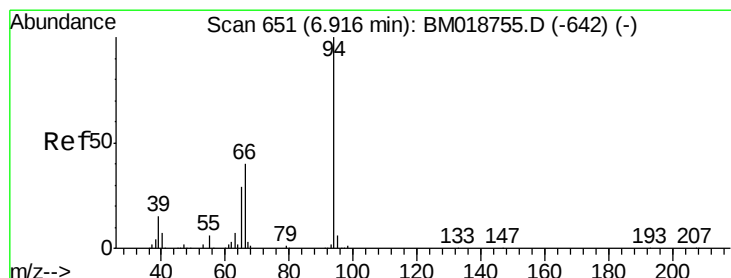
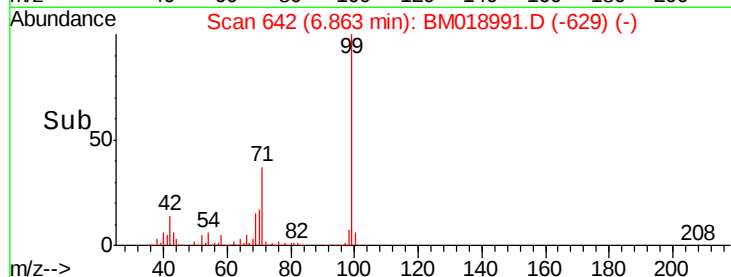
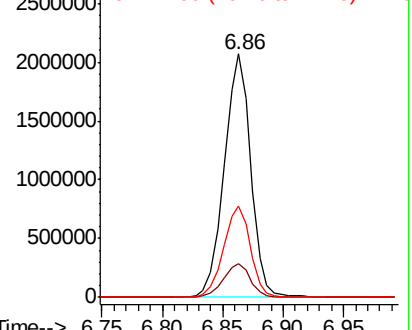


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 2.076 ng

RT: 6.89 min Scan# 646

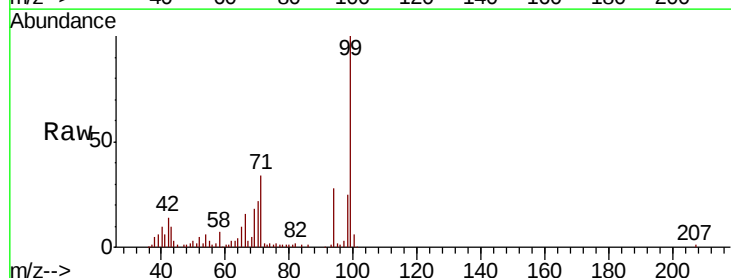
Delta R.T. -0.03 min

Lab File: BM018991.D

Acq: 01 Mar 2019 17:44

Tgt Ion: 94 Resp: 42842

Ion	Ratio	Lower	Upper
94	100		
65	34.5	9.6	49.6
66	59.0	20.4	60.4

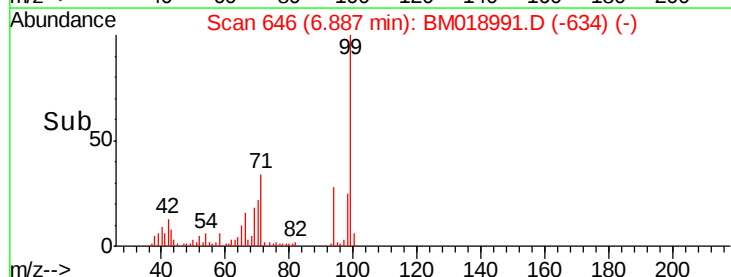
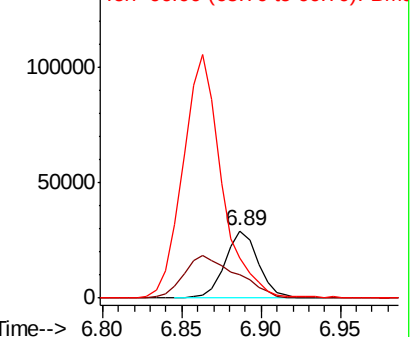


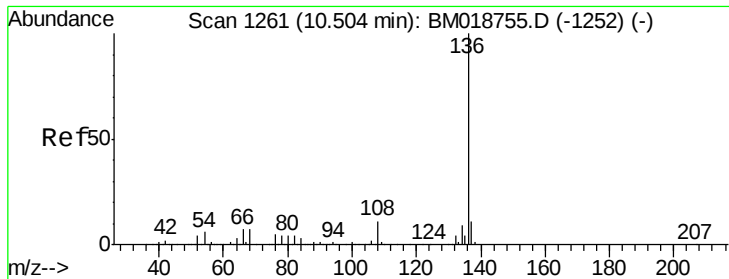
Abundance

Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

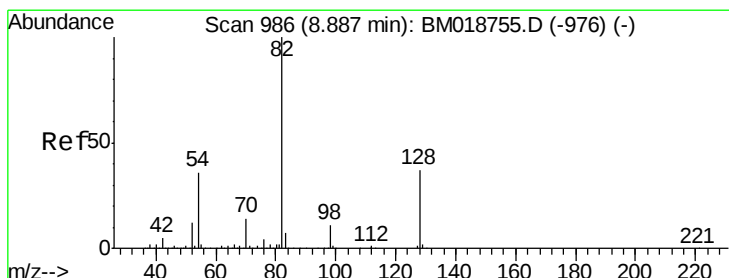
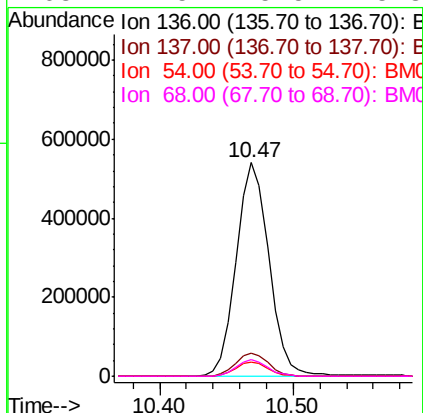
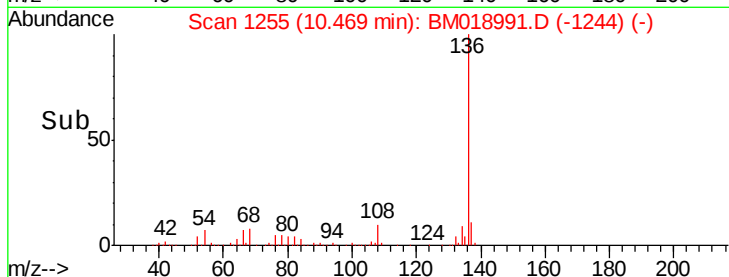
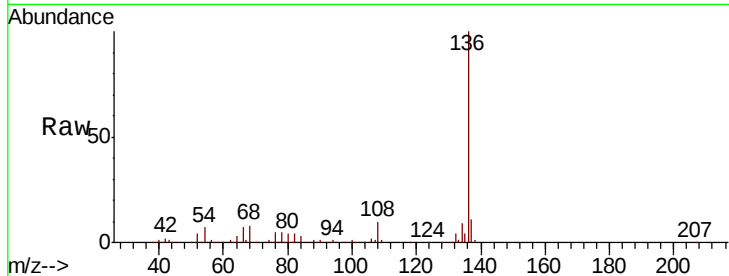




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

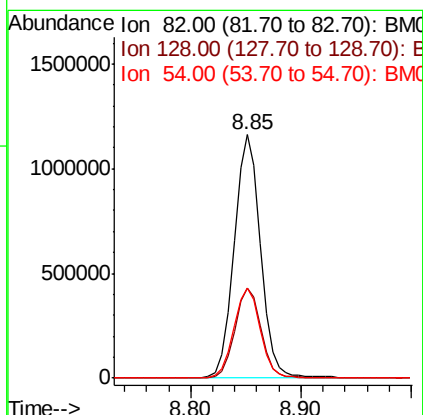
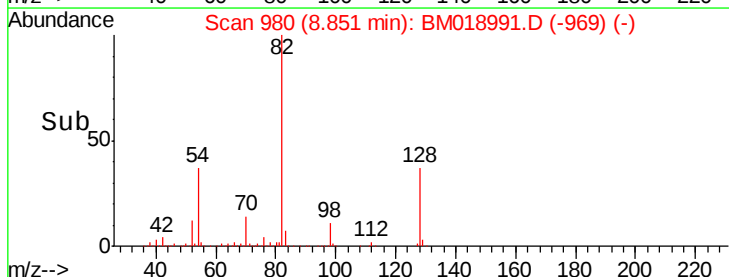
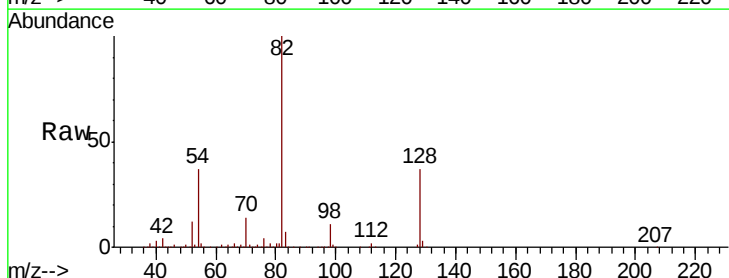
Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0

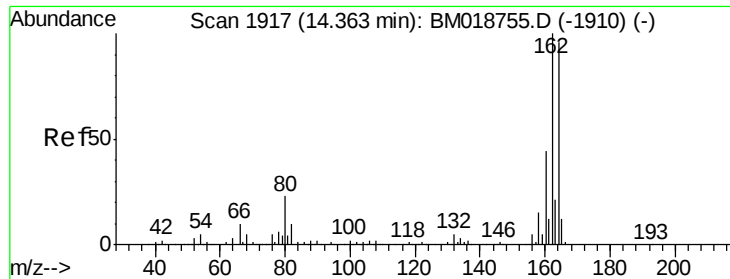
Tgt Ion:	136	Resp:	919619
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.0	7.6
68	7.5	5.5	8.3



#23
Nitrobenzene-d5
Concen: 98.153 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

Tgt Ion:	82	Resp:	1952124
Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.9	44.9
54	37.1	29.1	43.7

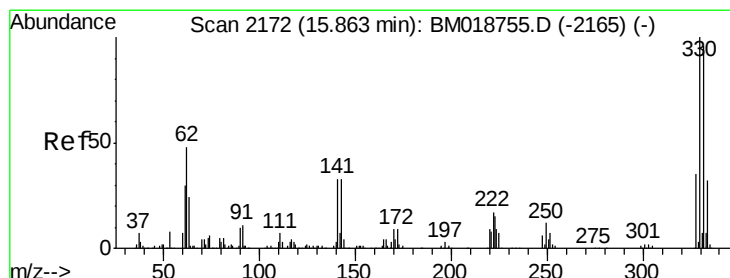
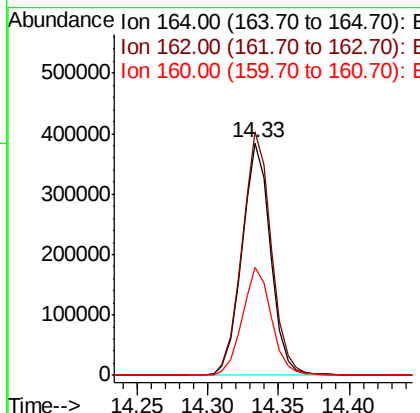
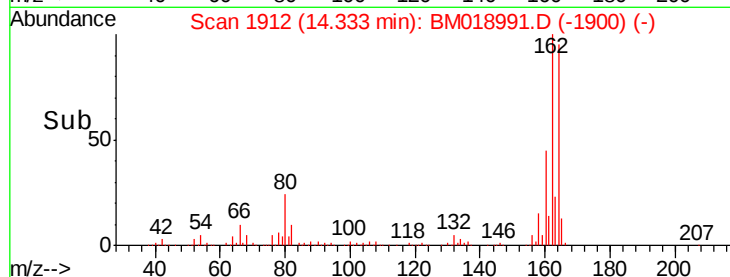
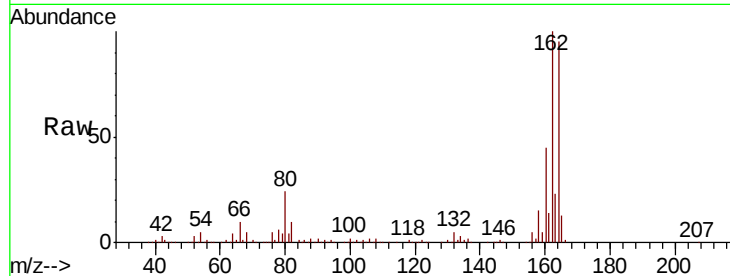




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

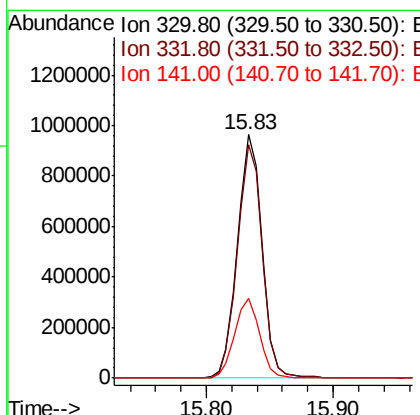
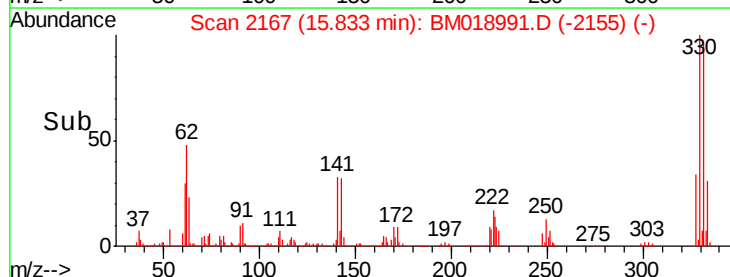
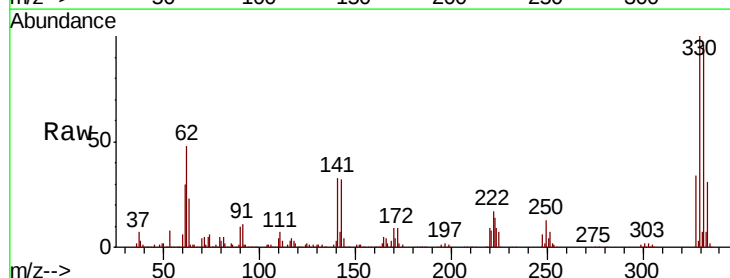
Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0

Tgt Ion:164 Resp: 546103
Ion Ratio Lower Upper
164 100
162 104.8 83.4 125.0
160 46.7 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 164.201 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

Tgt Ion:330 Resp: 1292577
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 33.4 28.7 43.1

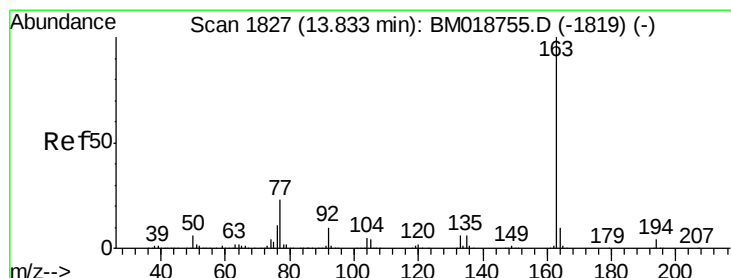
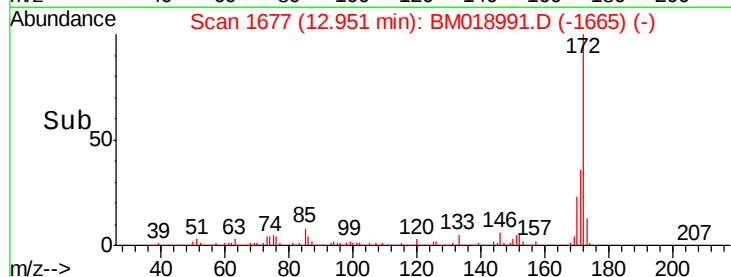
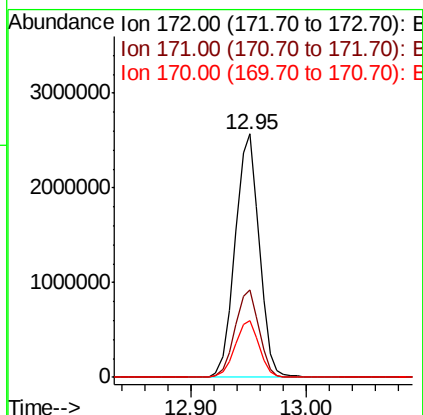
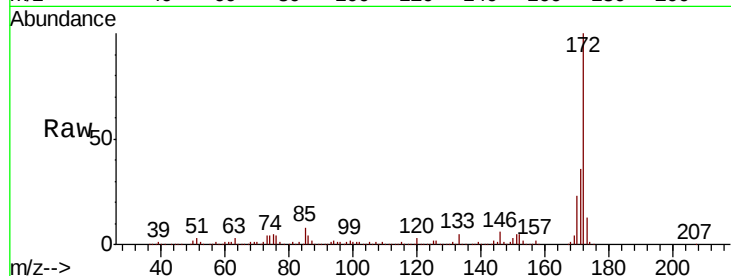




#45
2-Fluorobiphenyl
Concen: 90.110 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

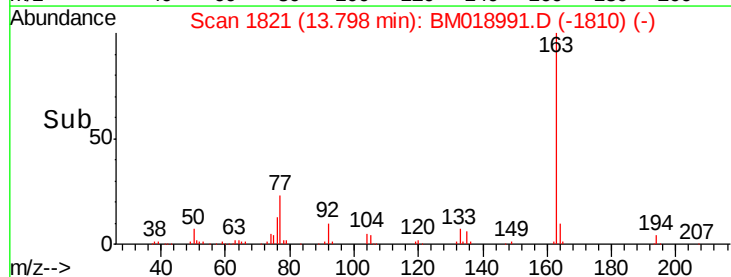
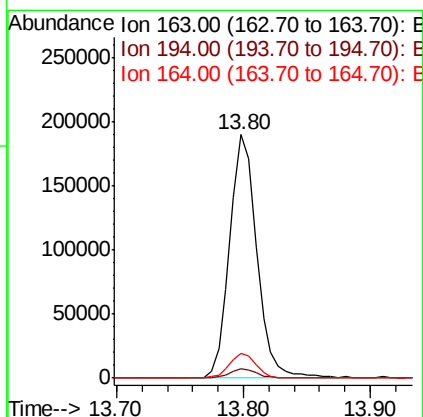
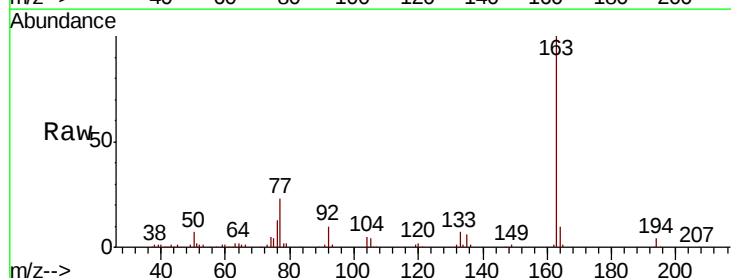
Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0

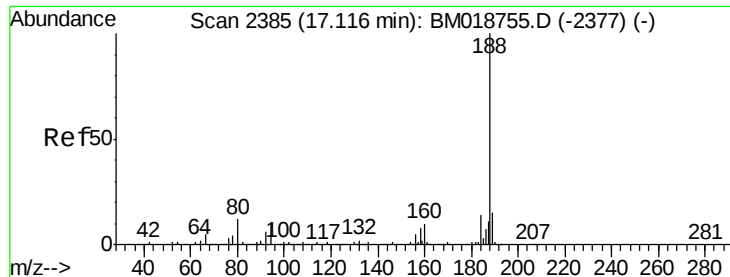
Tgt Ion:172 Resp: 3706991
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.1 18.6 28.0



#50
Dimethylphthalate
Concen: 6.194 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM018991.D
Acq: 01 Mar 2019 17:44

Tgt Ion:163 Resp: 281918
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM018991.D

Acq: 01 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

A0C12-2-1.5-2.0

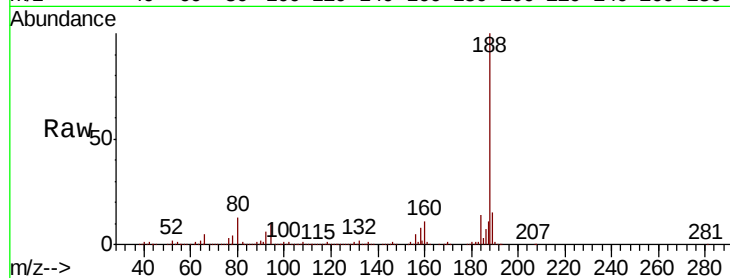
Tgt Ion:188 Resp: 1253392

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

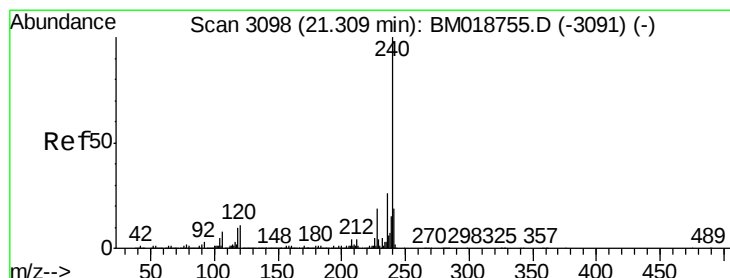
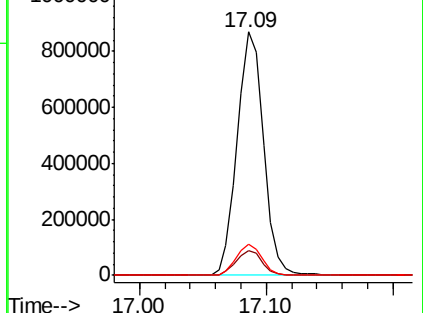
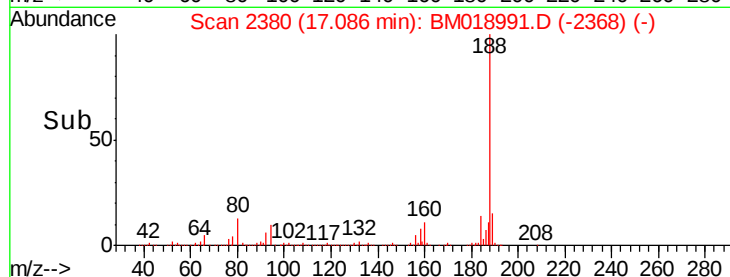
80 12.9 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018991.D

Acq: 01 Mar 2019 17:44

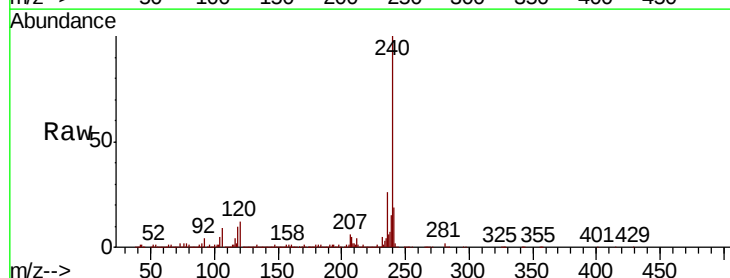
Tgt Ion:240 Resp: 1288025

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

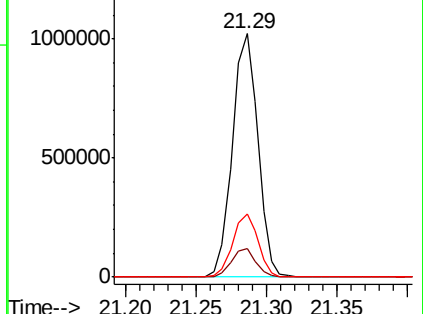
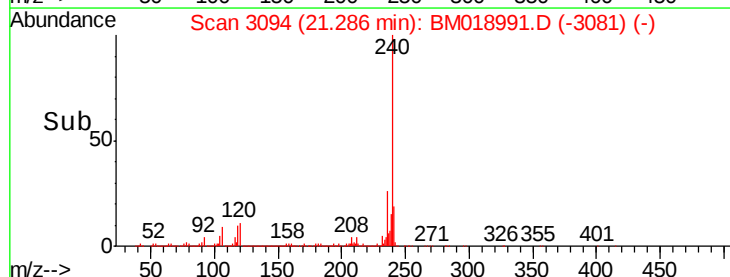
236 25.8 20.9 31.3

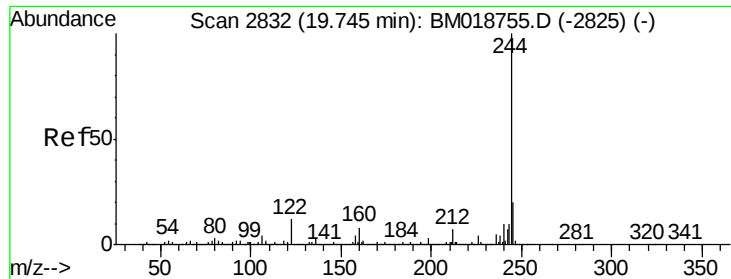


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

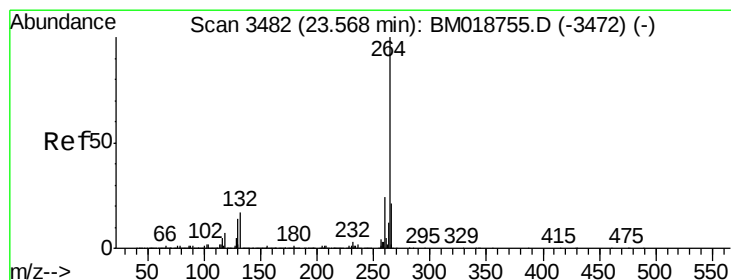
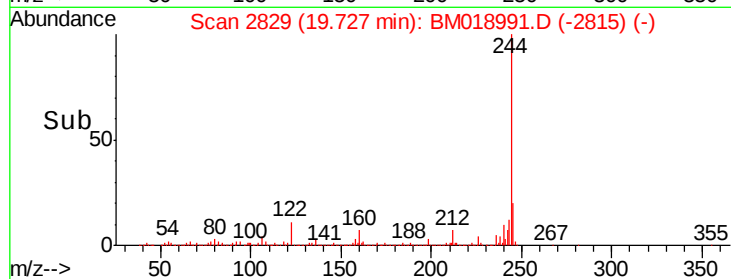
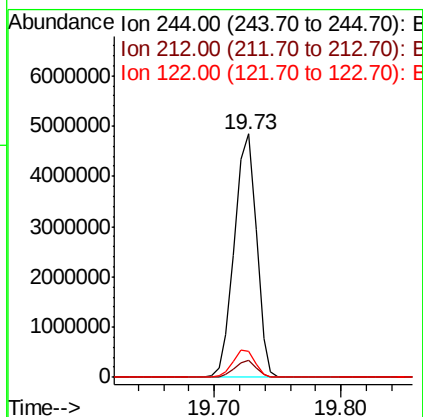
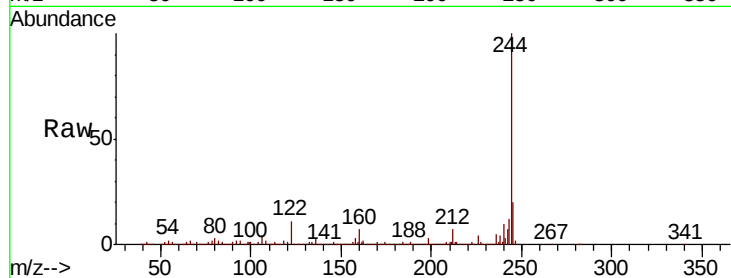




#79
 Terphenyl-d14
 Concen: 93.638 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BM018991.D
 Acq: 01 Mar 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 A0C12-2-1.5-2.0

Tgt Ion:244 Resp: 5846563
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.8 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM018991.D
 Acq: 01 Mar 2019 17:44

Tgt Ion:264 Resp: 1142214
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.8 17.3 25.9

