

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078658.D
 Acq On : 20 Apr 2015 22:17
 Operator : TP/IZ
 Sample : G1932-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Quant Time: Apr 21 01:10:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

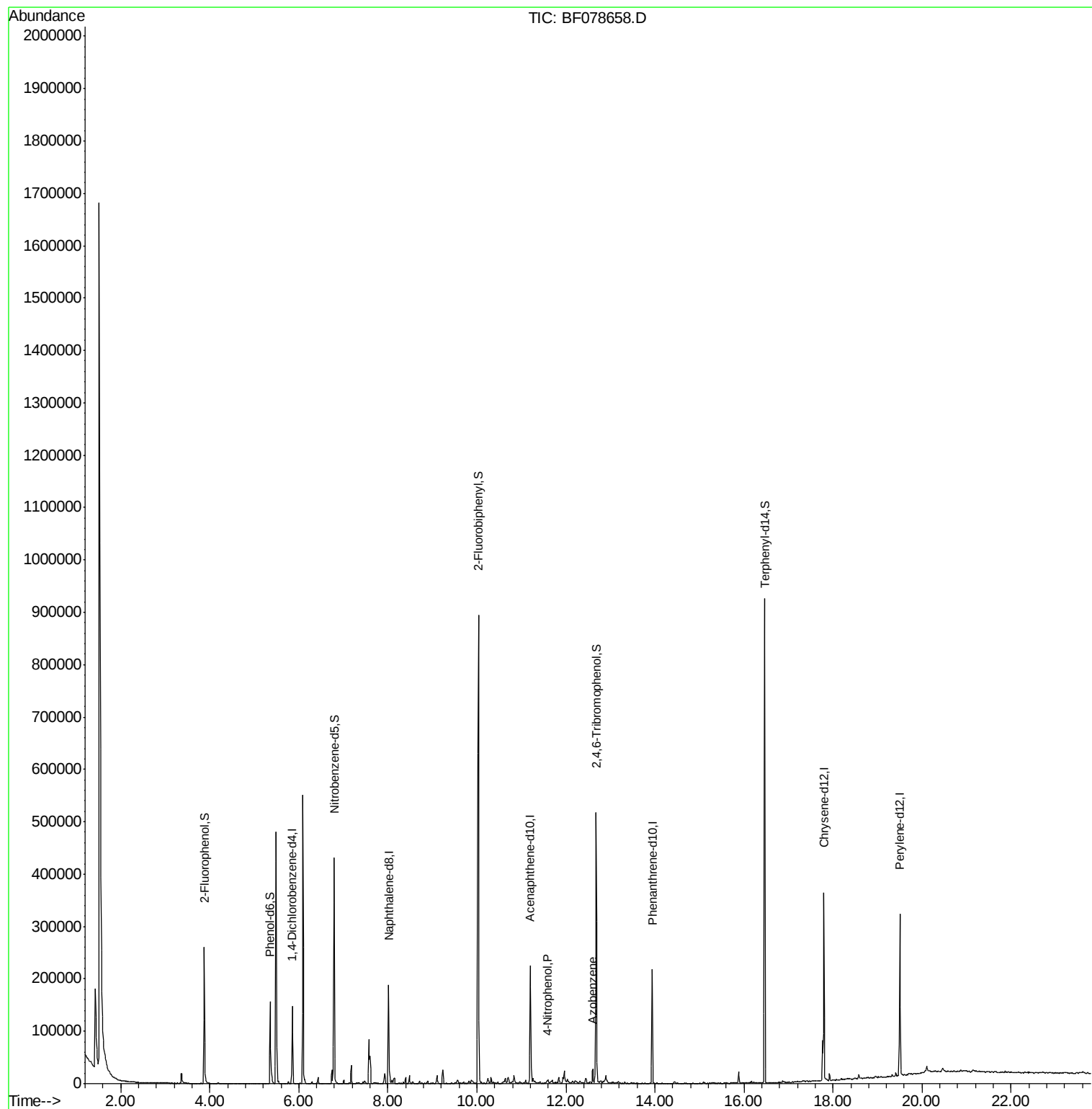
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	33447	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	140455	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	71386	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	140098	20.00	ng	0.00
75) Chrysene-d12	17.79	240	146166	20.00	ng	-0.01
86) Perylene-d12	19.50	264	135367	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	104576	51.55	ng	0.00
7) Phenol-d6	5.36	99	81912	32.22	ng	0.00
23) Nitrobenzene-d5	6.80	82	191840	82.79	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	84797	143.23	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	421050	84.31	ng	0.00
78) Terphenyl-d14	16.47	244	478224	73.93	ng	0.00
Target Compounds						
55) 4-Nitrophenol	11.59	139	834	3.64	ng	# 18
62) Azobenzene	12.61	77	9508	2.01	ng	# 1

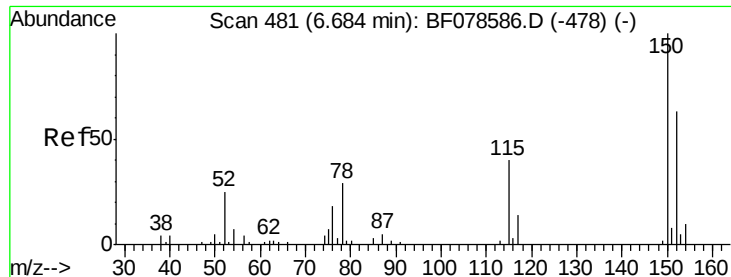
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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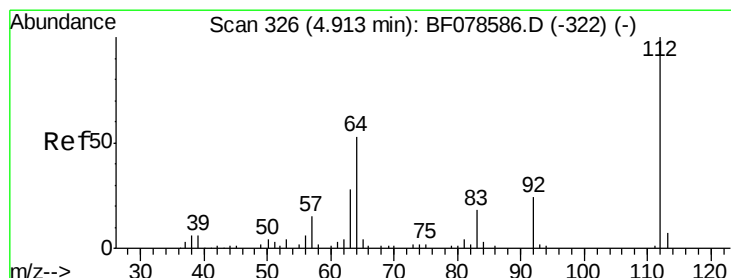
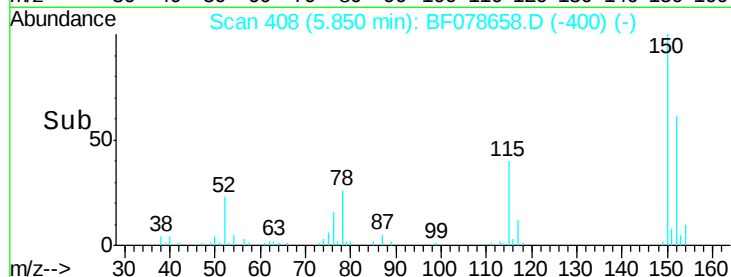
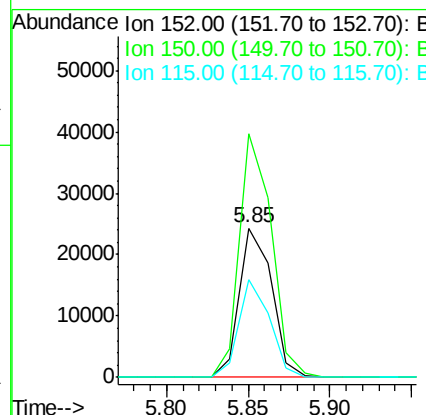
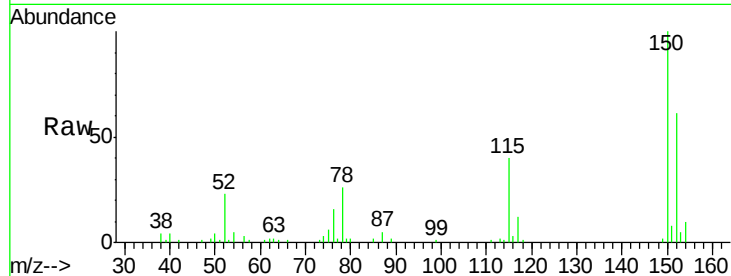




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

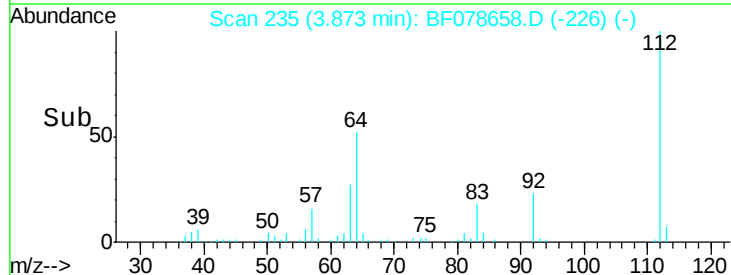
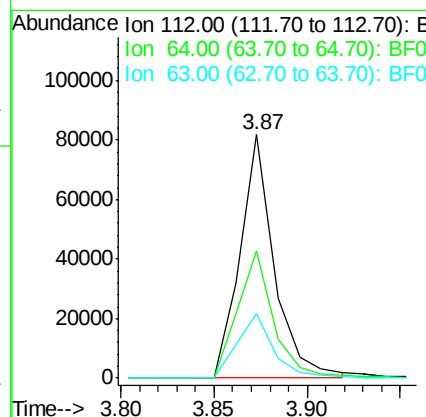
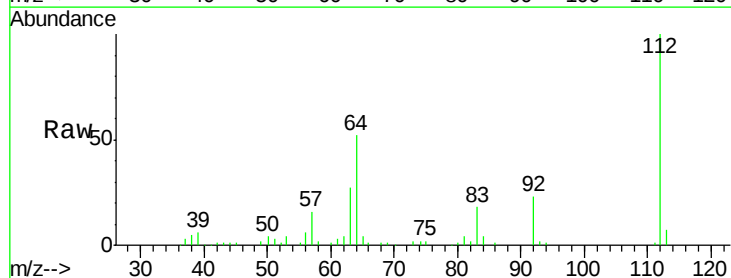
Instrument :
 BNA_F
 ClientSampleId :
 MW-49

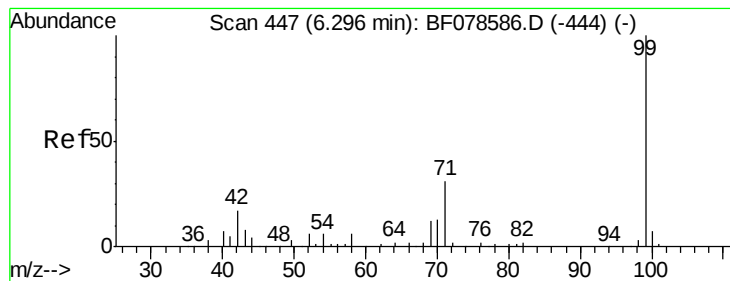
Tgt Ion:152 Resp: 33447
 Ion Ratio Lower Upper
 152 100
 150 163.5 125.9 188.9
 115 65.4 52.7 79.1



#5
 2-Fluorophenol
 Concen: 51.55 ng
 RT: 3.87 min Scan# 235
 Delta R.T. 0.00 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Tgt Ion:112 Resp: 104576
 Ion Ratio Lower Upper
 112 100
 64 52.0 39.9 59.9
 63 26.7 20.2 30.4





#7

Phenol-d6

Concen: 32.22 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078658.D

Acq: 20 Apr 2015 22:17

Instrument :

BNA_F

ClientSampleId :

MW-49

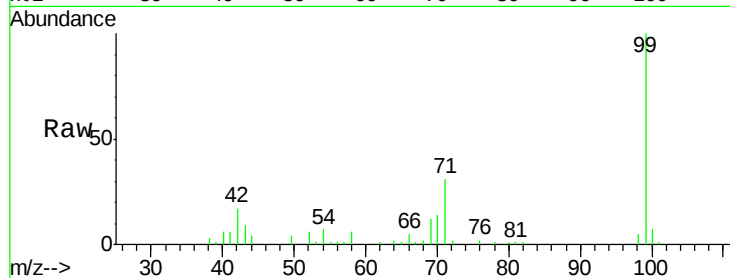
Tgt Ion: 99 Resp: 81912

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

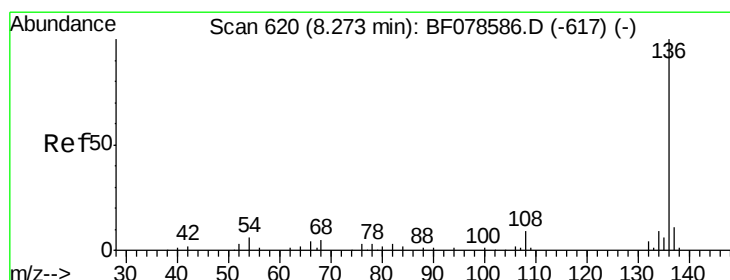
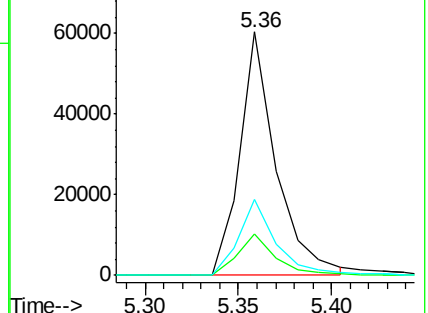
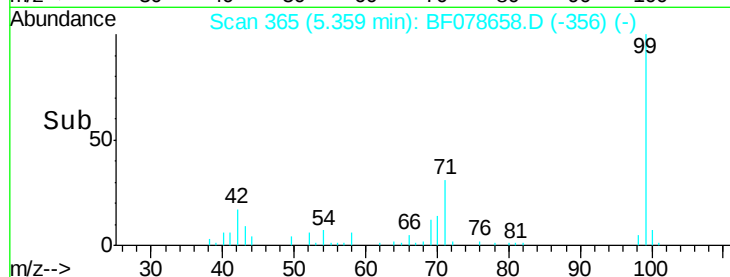
71 31.2 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078658.D

Acq: 20 Apr 2015 22:17

Tgt Ion: 136 Resp: 140455

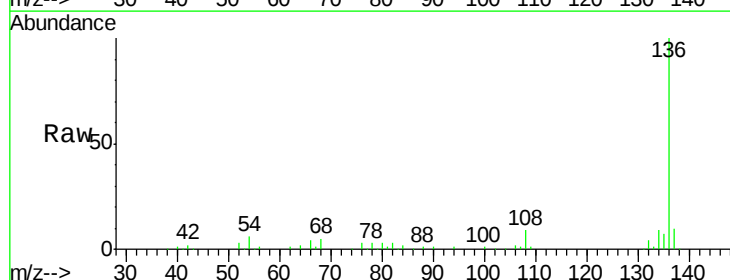
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 6.2 7.0 10.6#

68 4.6 5.4 8.2#

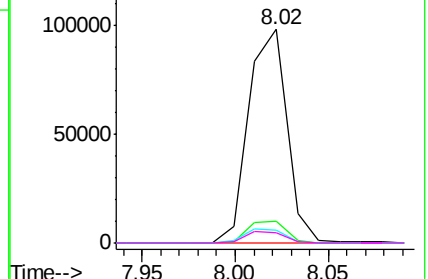
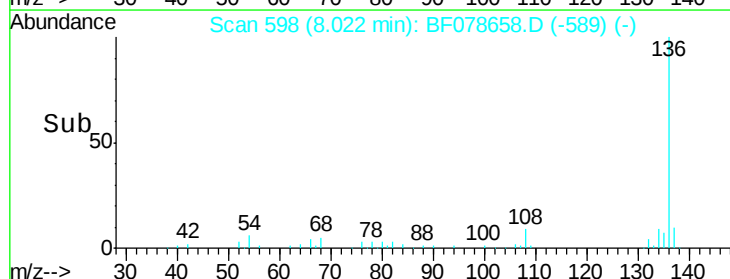


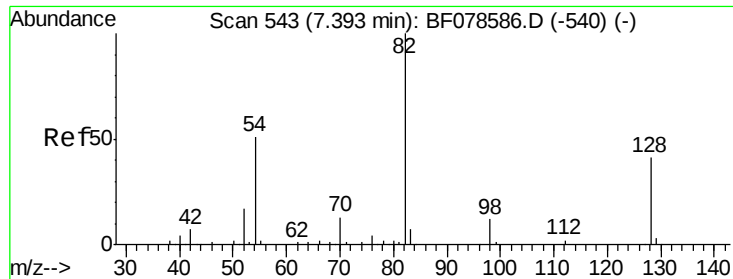
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

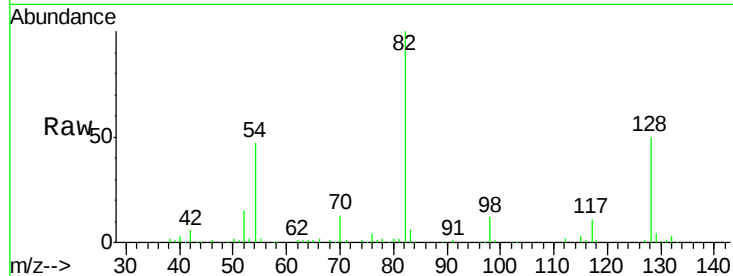




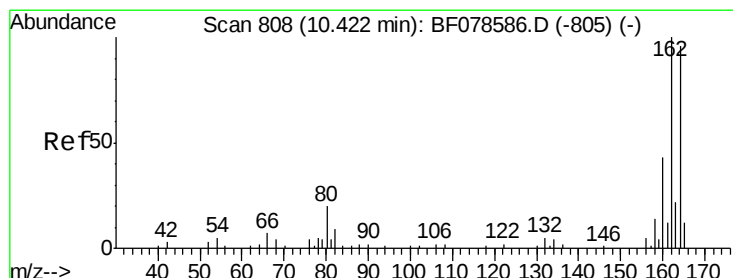
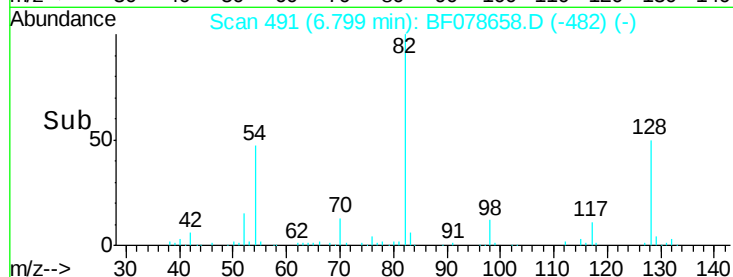
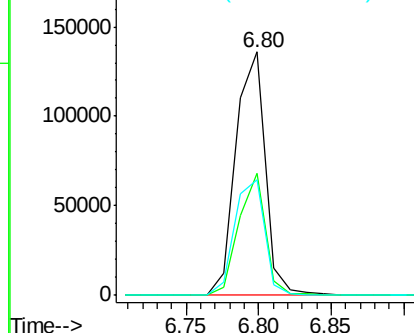
#23
 Nitrobenzene-d5
 Concen: 82.79 ng
 RT: 6.80 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.9	31.8	47.8#
54	47.3	41.5	62.3

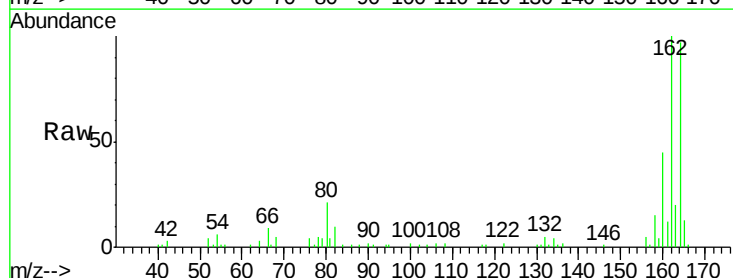


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

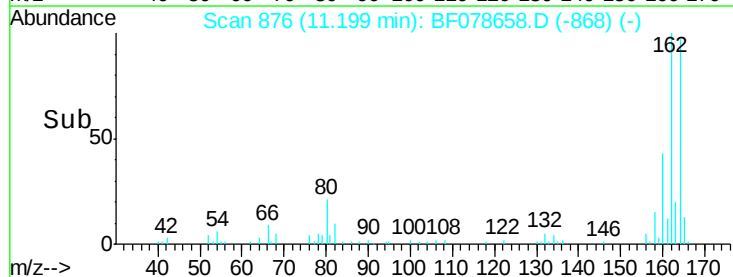
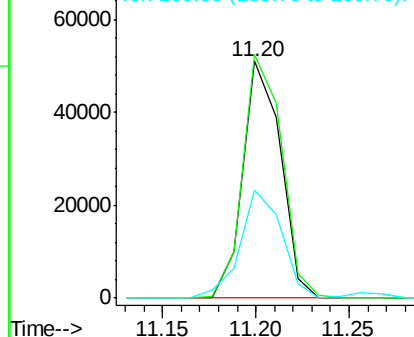


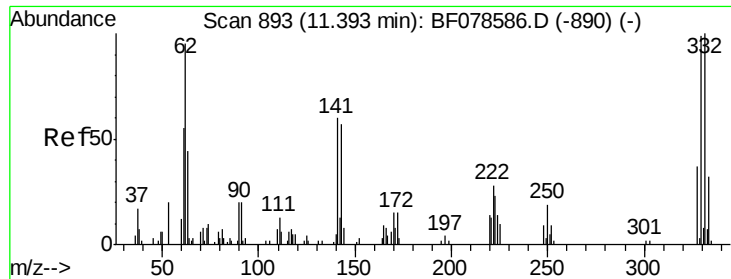
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.2
160	45.8	34.7	52.1



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

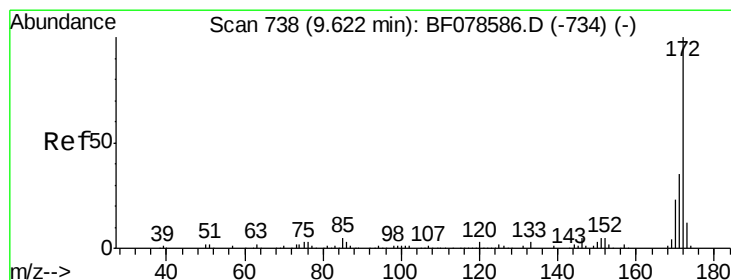
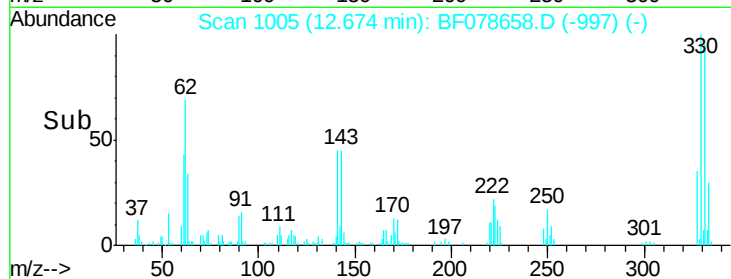
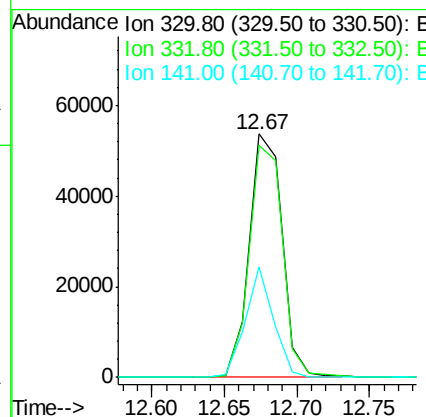
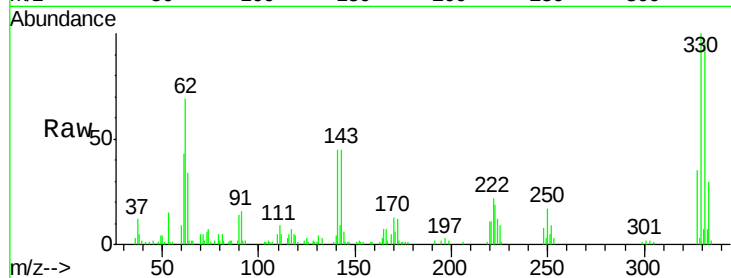




#41
 2,4,6-Tribromophenol
 Concen: 143.23 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

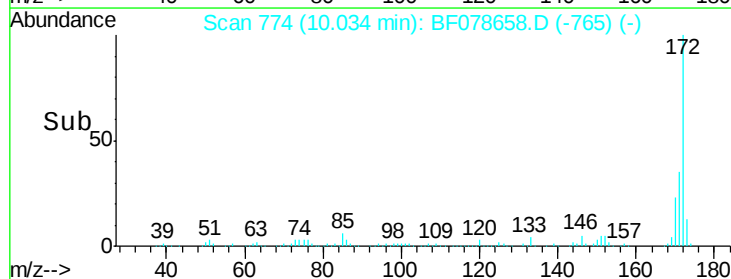
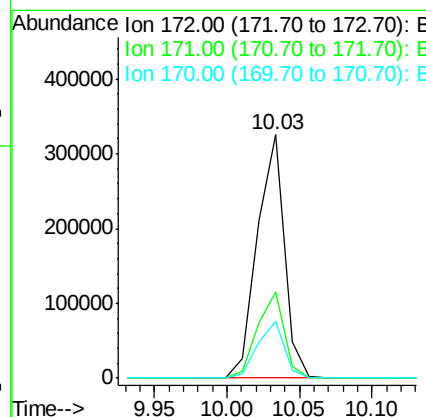
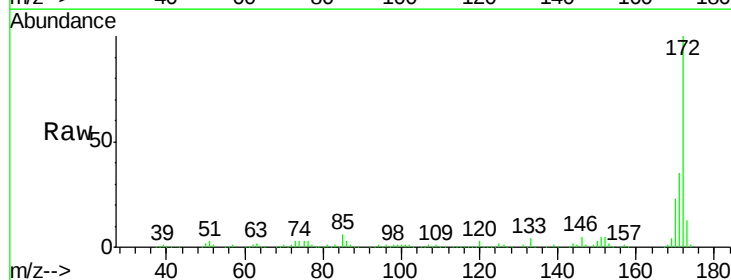
Instrument :
 BNA_F
 ClientSampleId :
 MW-49

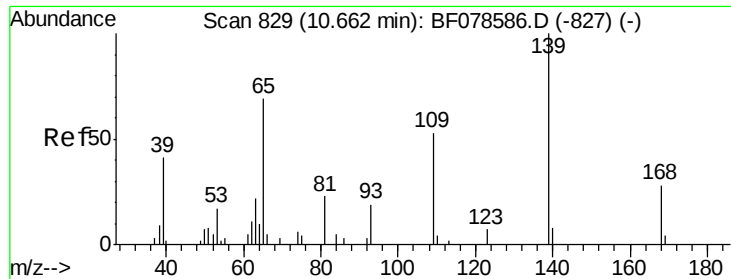
Tgt Ion:330 Resp: 84797
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.6 117.8
 141 38.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Tgt Ion:172 Resp: 421050
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.3 18.5 27.7

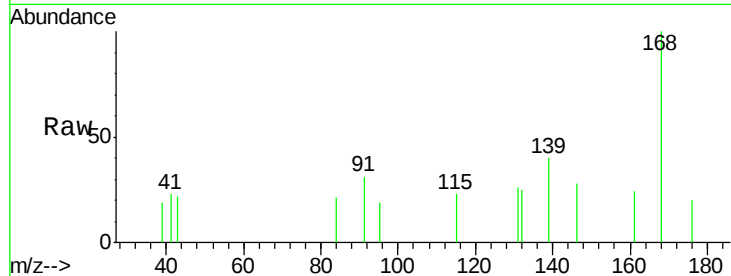




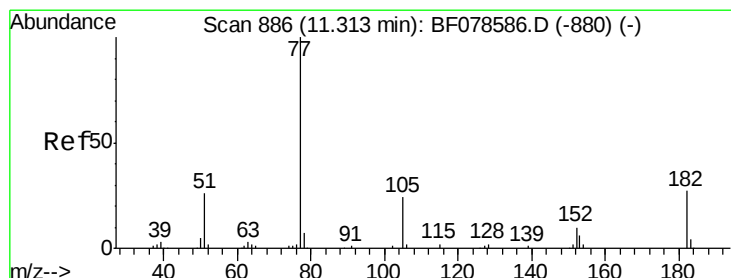
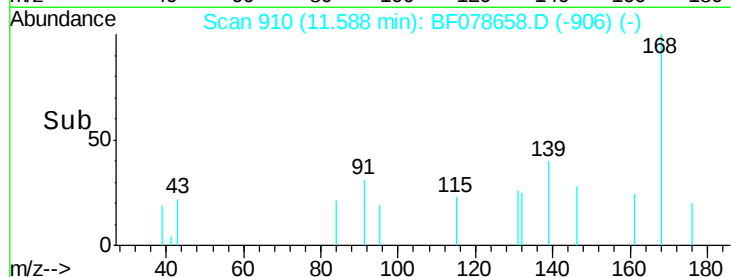
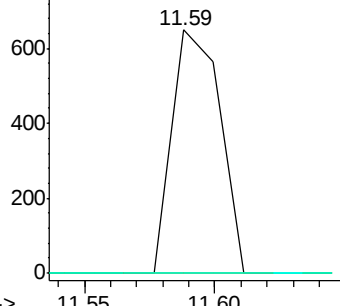
#55
4-Nitrophenol
Concen: 3.64 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Instrument :
BNA_F
ClientSampleId :
MW-49

Tgt Ion: 139 Resp: 834
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

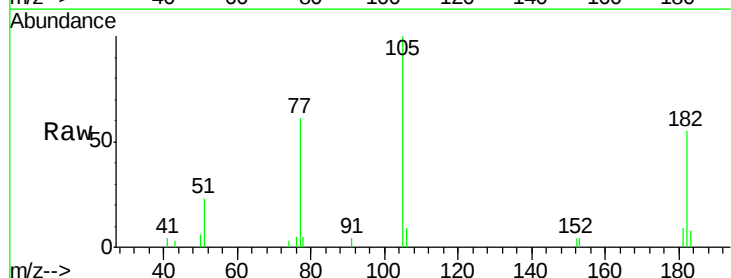


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

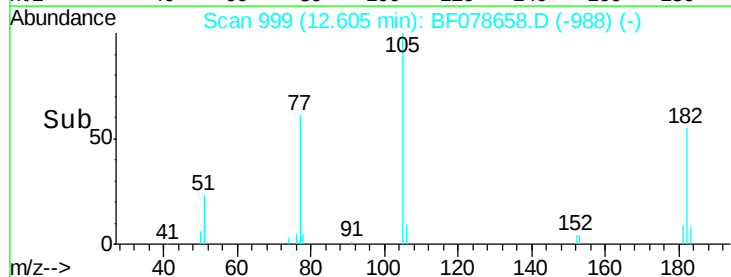
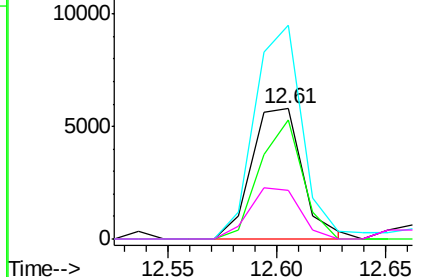


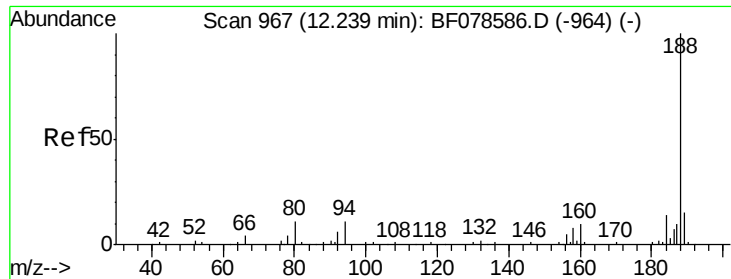
#62
Azobenzene
Concen: 2.01 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Tgt Ion: 77 Resp: 9508
Ion Ratio Lower Upper
77 100
182 91.0 0.0 36.8#
105 164.1 0.3 40.3#
51 37.4 9.1 49.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

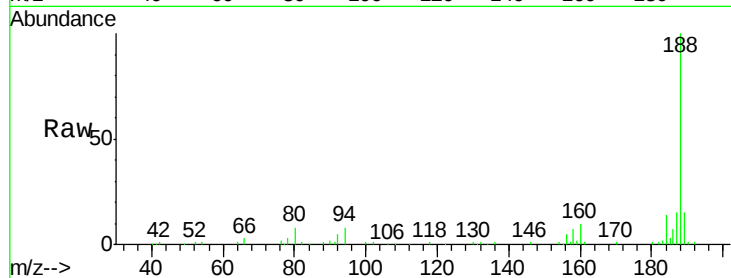




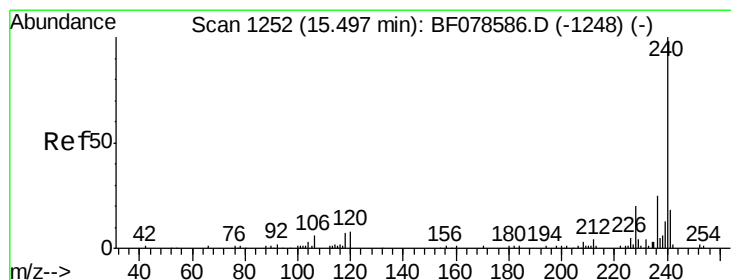
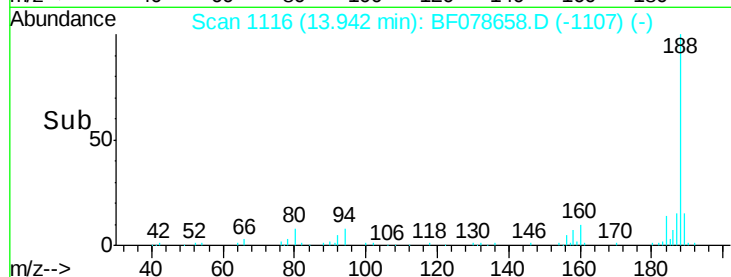
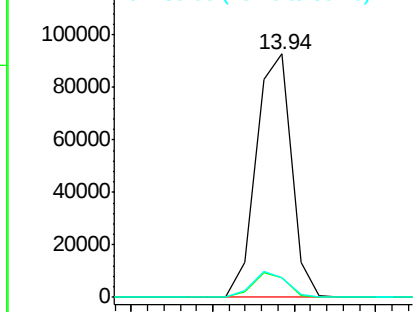
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Instrument :
BNA_F
ClientSampleId :
MW-49

Tgt Ion:188 Resp: 140098
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.3 9.5 14.3#

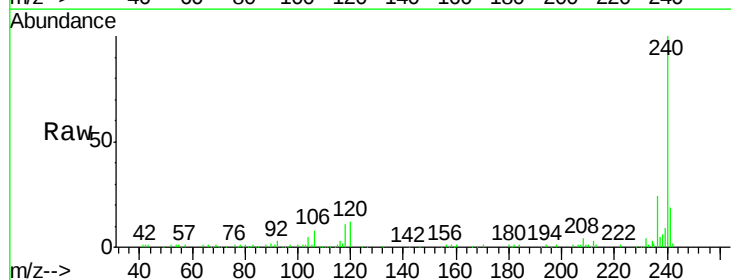


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

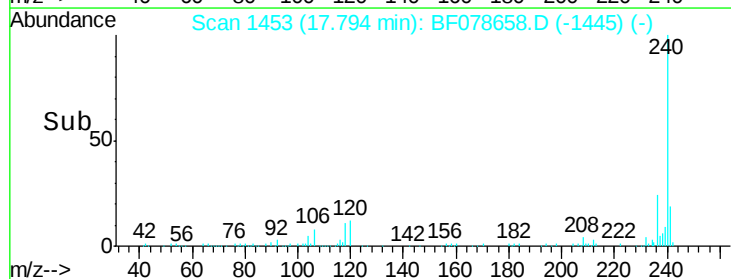
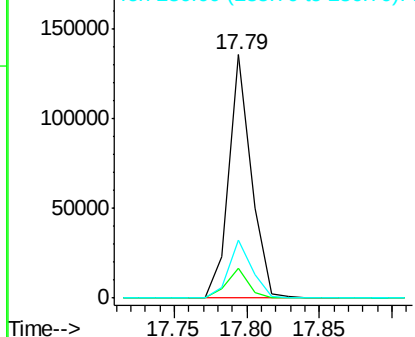


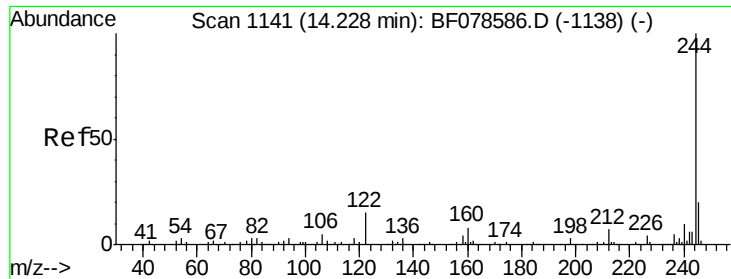
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Tgt Ion:240 Resp: 146166
Ion Ratio Lower Upper
240 100
120 12.5 7.1 10.7#
236 24.1 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

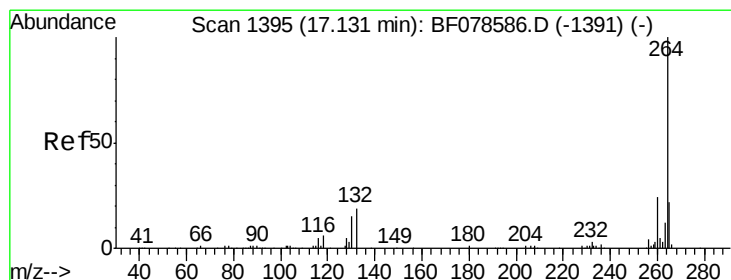
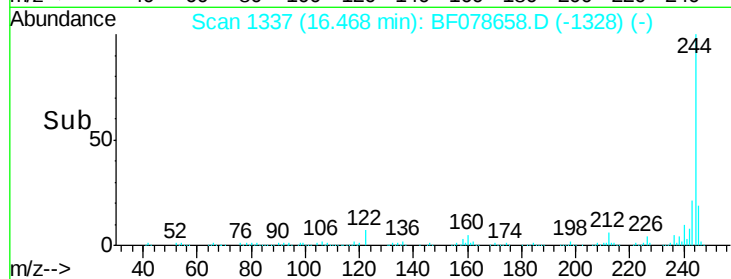
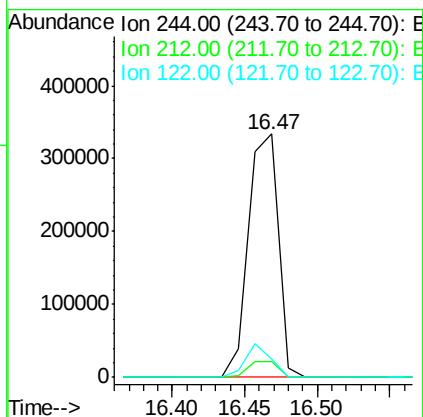
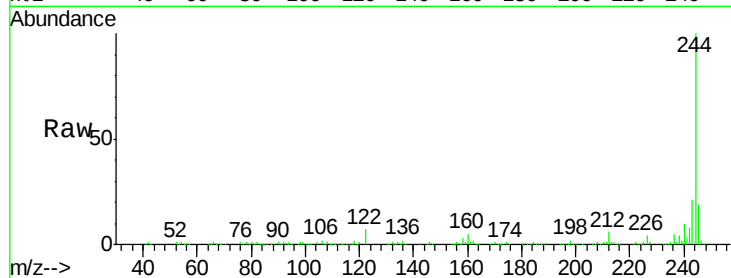




#78
 Terphenyl-d14
 Concen: 73.93 ng
 RT: 16.47 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Tgt Ion:244 Resp: 478224
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 7.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.50 min Scan# 1602
 Delta R.T. -0.03 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Tgt Ion:264 Resp: 135367
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.6 17.0 25.6

