

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094493.D
 Acq On : 18 Apr 2017 18:25
 Operator : SJ/MA
 Sample : I2741-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02

Quant Time: Apr 19 02:08:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

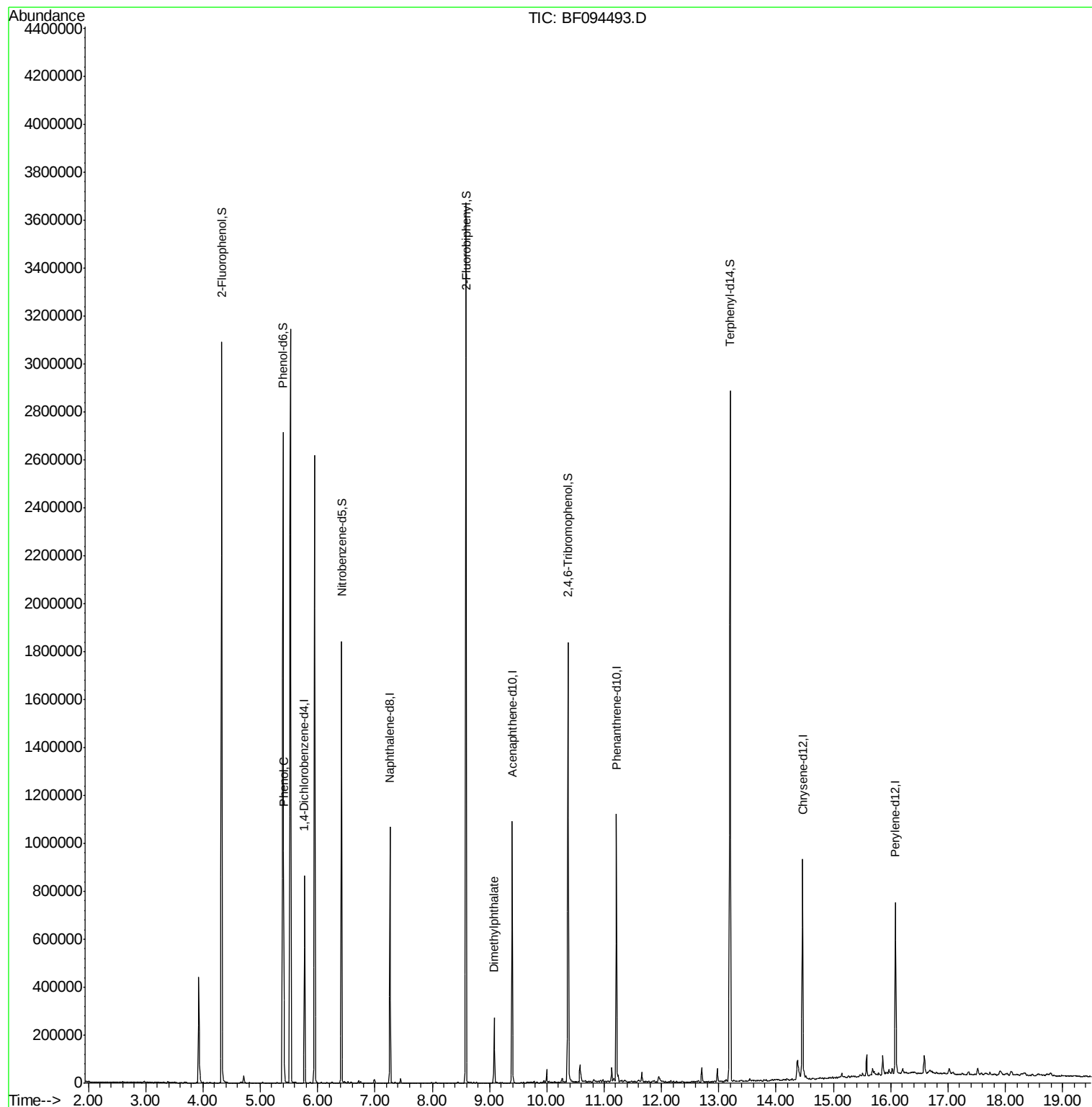
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	125613	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	527284	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	222195	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	435908	20.00	ng	0.00
75) Chrysene-d12	14.46	240	339388	20.00	ng	0.00
86) Perylene-d12	16.08	264	274052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	881372	116.41	ng	0.02
7) Phenol-d6	5.40	99	1135910	127.26	ng	0.00
23) Nitrobenzene-d5	6.42	82	677117	79.29	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	226849	130.52	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1281839	84.88	ng	0.00
78) Terphenyl-d14	13.20	244	1156239	91.06	ng	0.00
Target Compounds						
10) Phenol	5.41	94	97765	8.92	ng	84
49) Dimethylphthalate	9.08	163	112708	6.81	ng	# 98

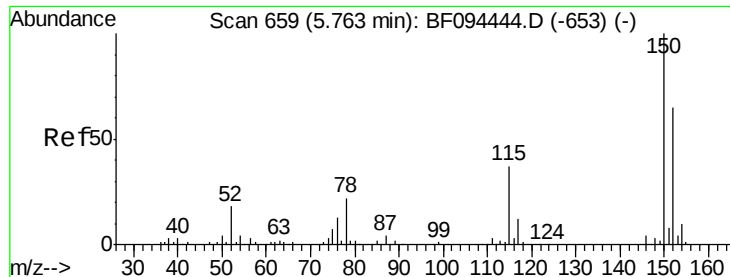
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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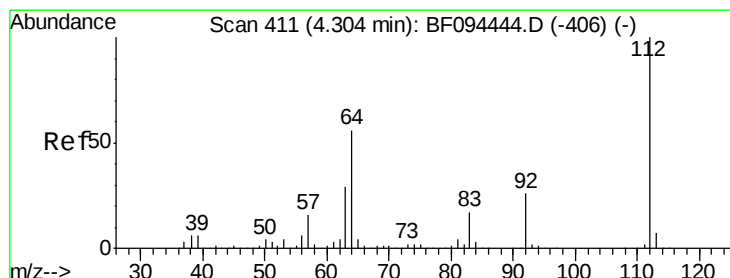
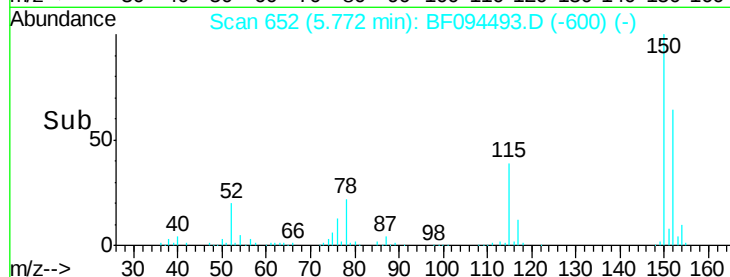
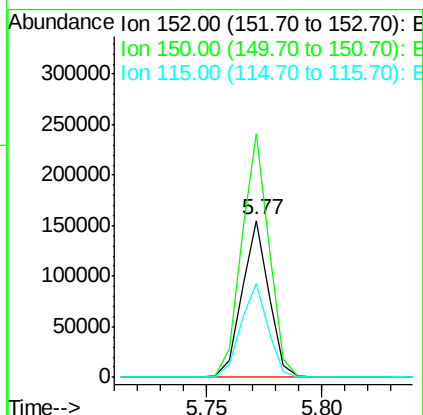
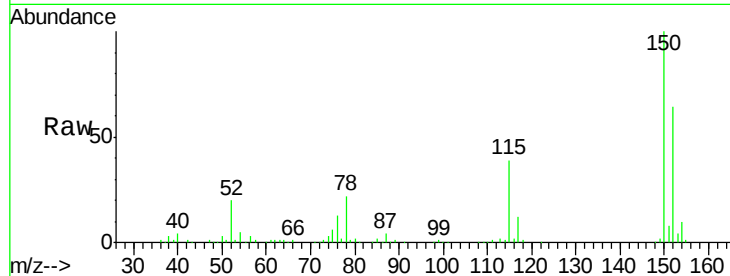


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Instrument :
BNA_F
ClientSampleId :
WDS-02

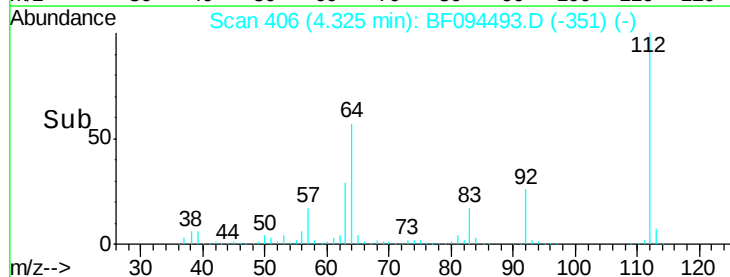
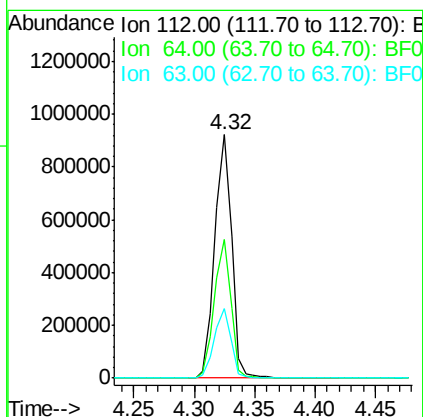
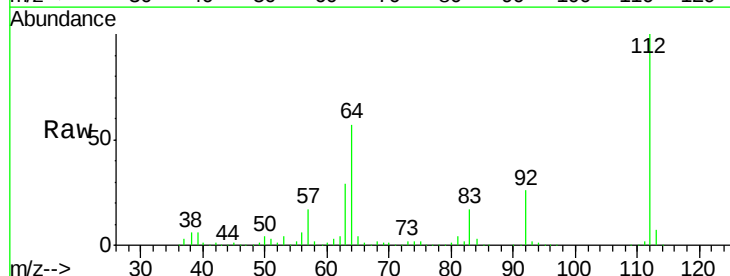
Tot Ion:152 Resp: 125613
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 60.1 52.2 78.2

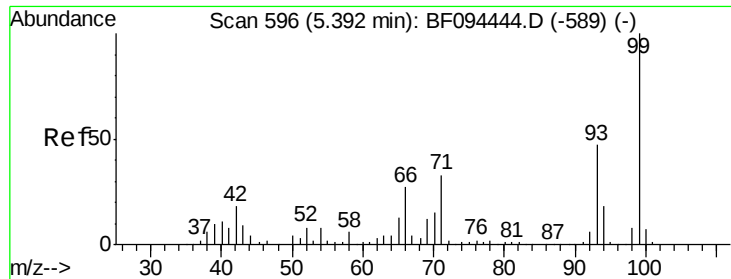


#5

2-Fluorophenol
Concen: 116.41 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Tgt Ion:112 Resp: 881372
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 28.8 23.4 35.0





#7

Phenol-d6

Concen: 127.26 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094493.D

Acq: 18 Apr 2017 18:25

Instrument :

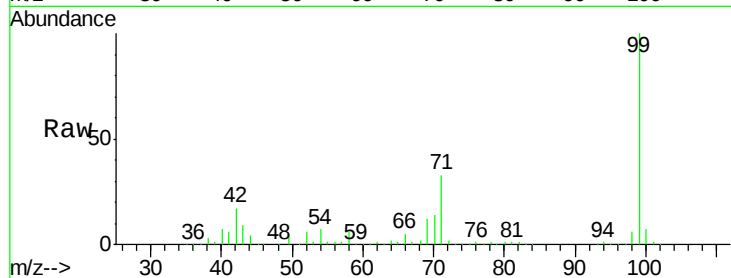
BNA_F

ClientSampleId :

WDS-02

Tot Ion: 99 Resp: 1135910

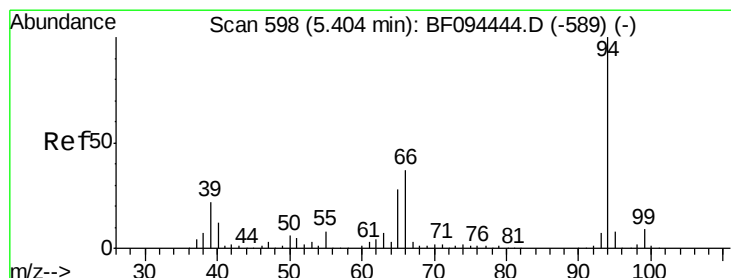
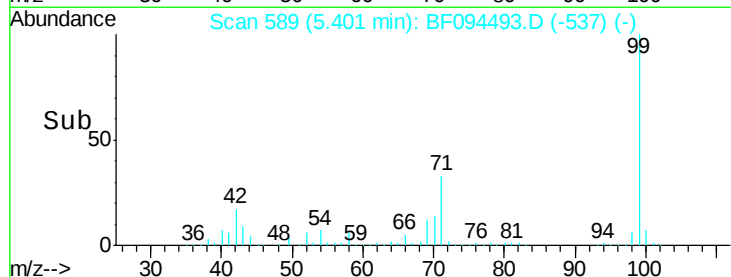
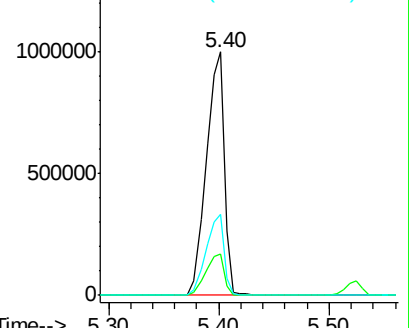
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.3	24.5	36.7



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



#10

Phenol

Concen: 8.92 ng

RT: 5.41 min Scan# 591

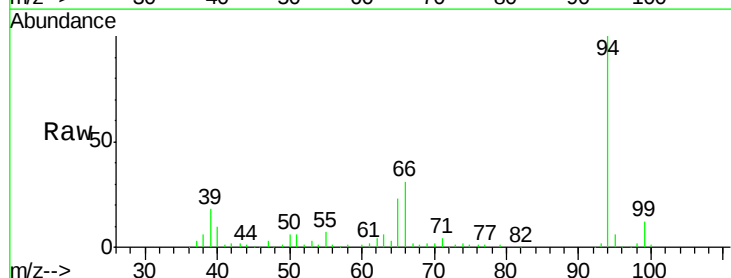
Delta R.T. 0.01 min

Lab File: BF094493.D

Acq: 18 Apr 2017 18:25

Tgt Ion: 94 Resp: 97765

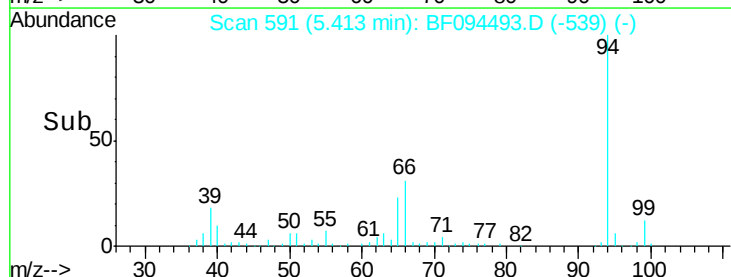
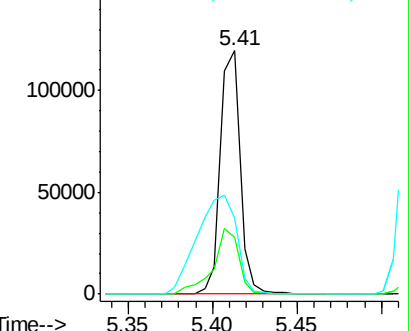
Ion	Ratio	Lower	Upper
94	100		
65	23.3	9.9	49.9
66	31.3	23.1	63.1

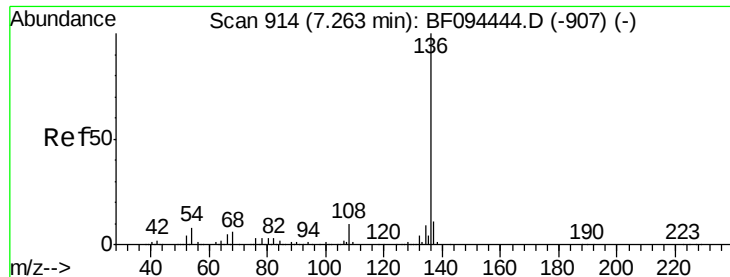


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

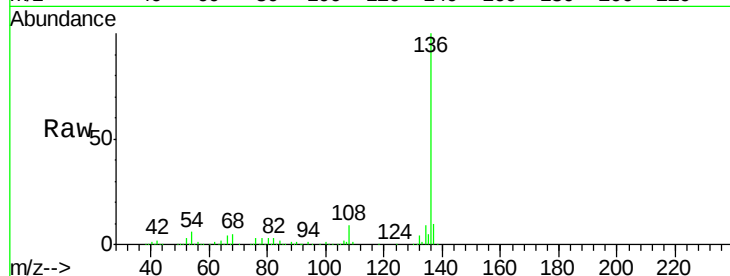




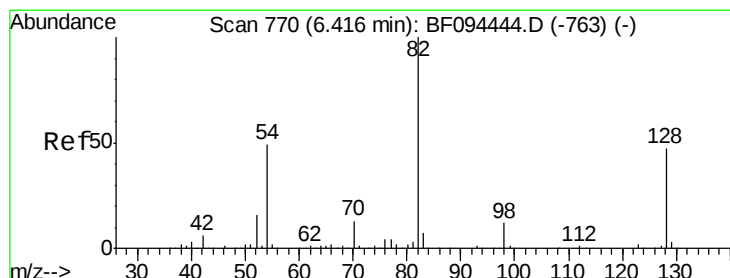
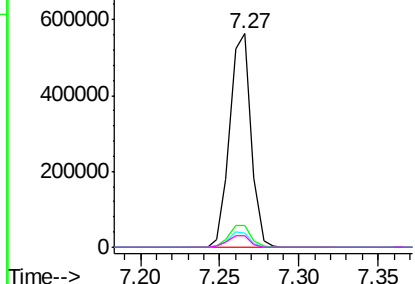
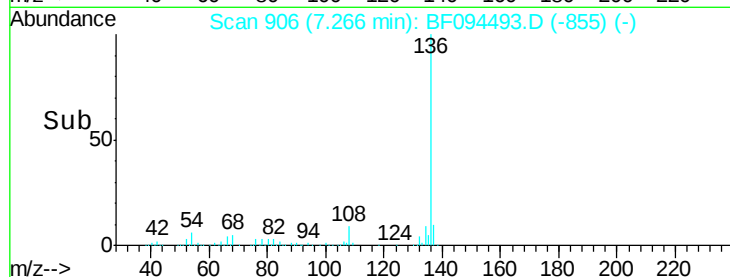
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Instrument :
BNA_F
ClientSampleId :
WDS-02

Tot Ion:136	Resp:	527284
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.5 12.7
54	6.3	4.9 7.3
68	5.3	4.1 6.1

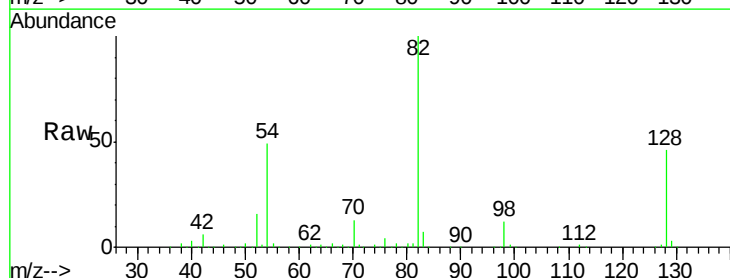


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

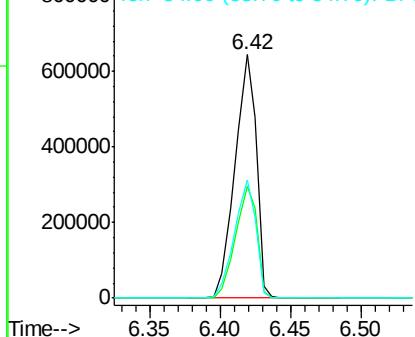
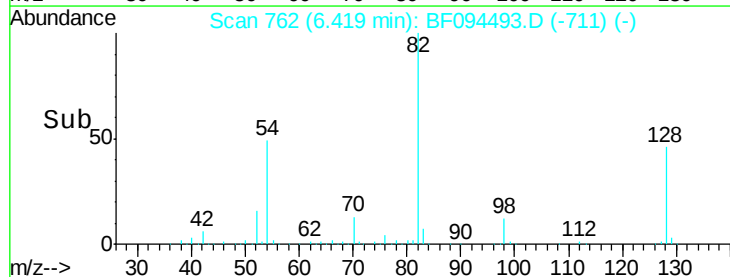


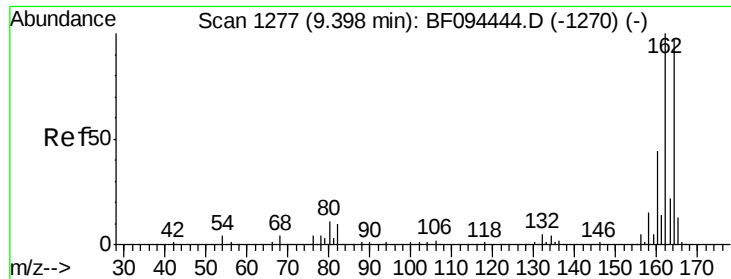
#23
Nitrobenzene-d5
Concen: 79.29 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Tgt Ion: 82	Resp:	677117
Ion	Ratio	Lower Upper
82	100	
128	46.1	34.0 51.0
54	48.5	42.2 63.2



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

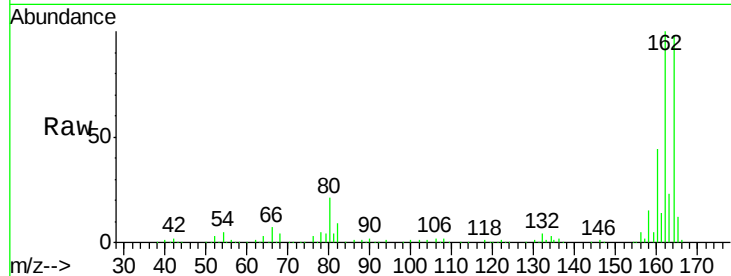




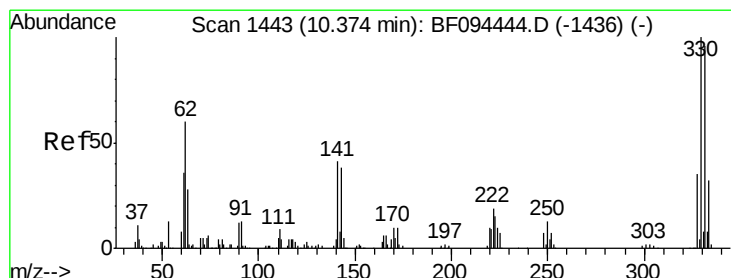
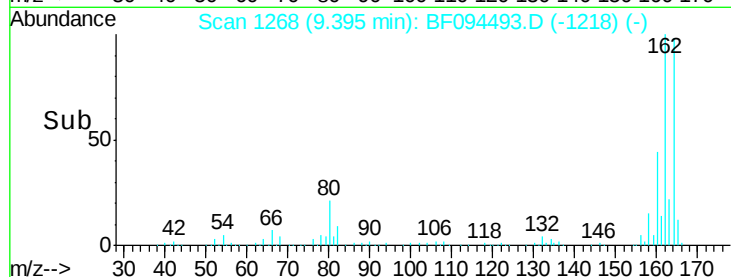
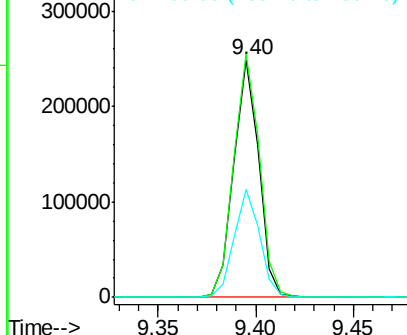
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Instrument :
BNA_F
ClientSampleId :
WDS-02

Tot Ion:164 Resp: 222195
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 45.4 36.2 54.2

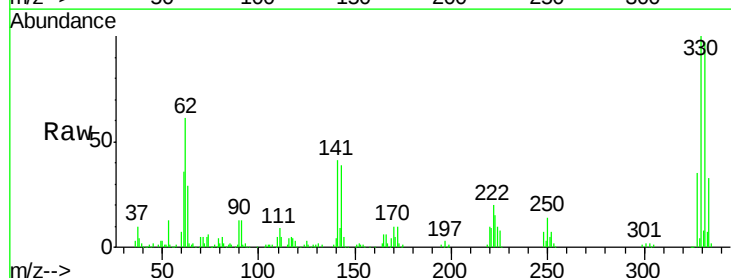


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

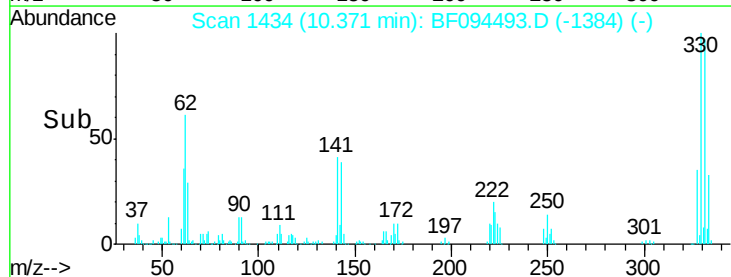
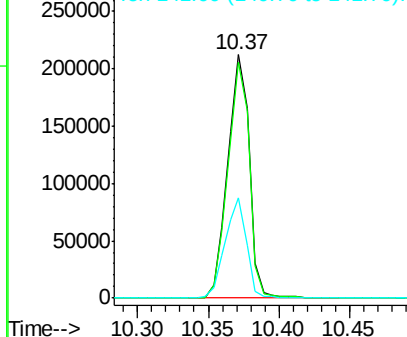


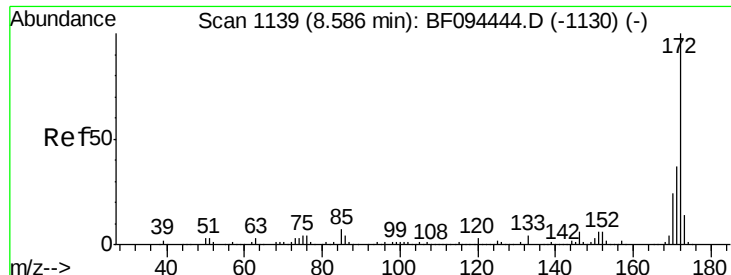
#41
2,4,6-Tribromophenol
Concen: 130.52 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Tgt Ion:330 Resp: 226849
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 40.6 31.4 47.2



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

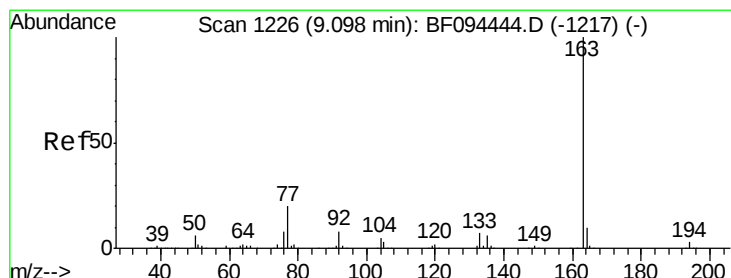
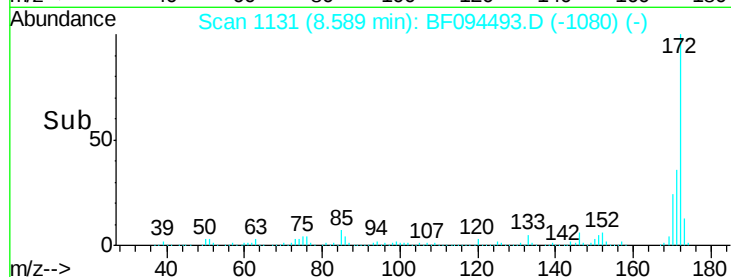
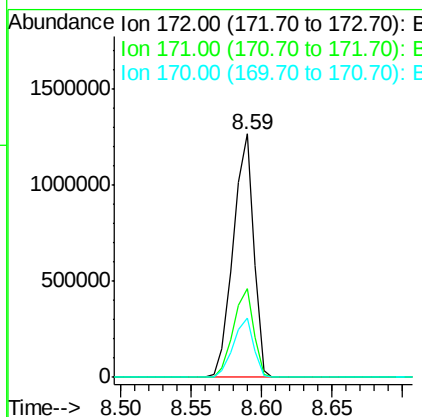
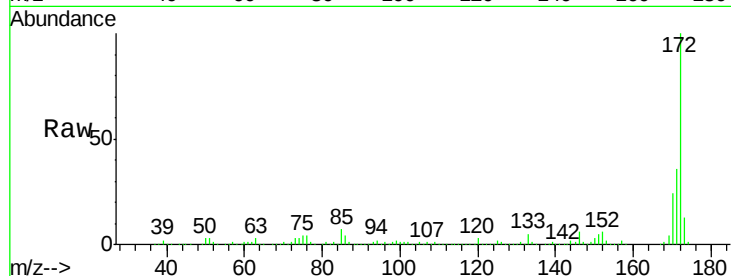




#44
2-Fluorobiphenyl
Concen: 84.88 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

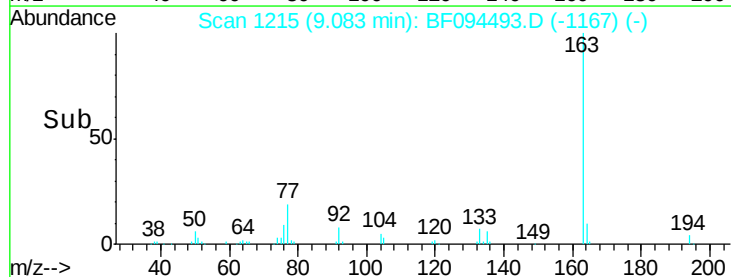
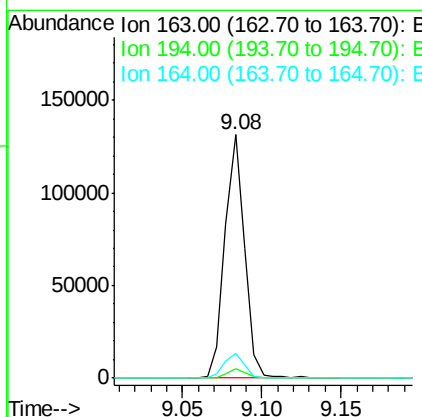
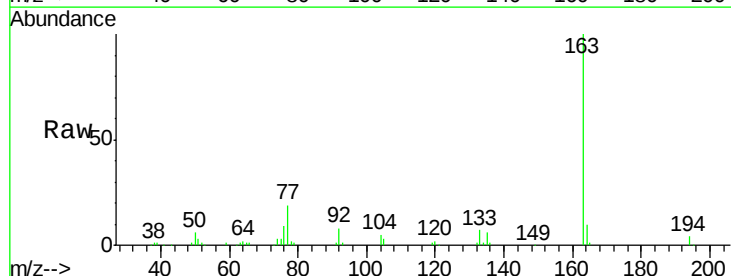
Instrument :
BNA_F
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WDS-02

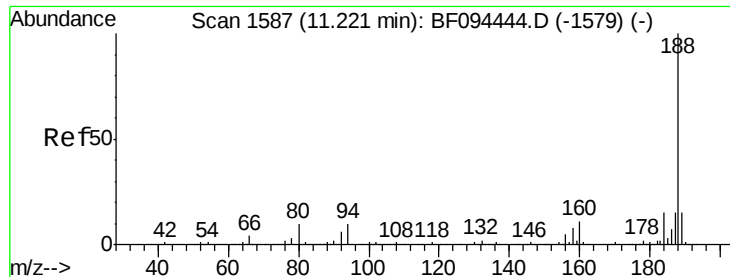
Tot Ion:172 Resp: 1281839
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 6.81 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Tgt Ion:163 Resp: 112708
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.0 8.4 12.6

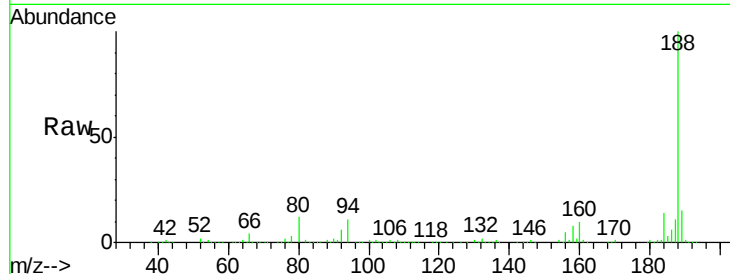




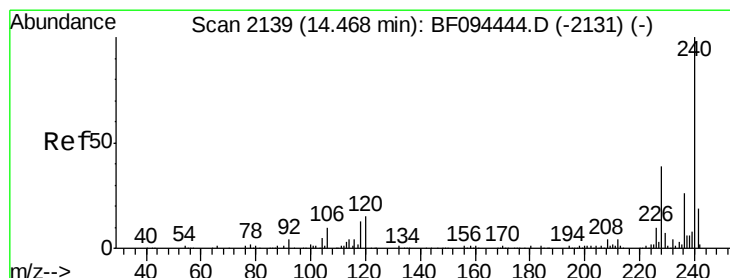
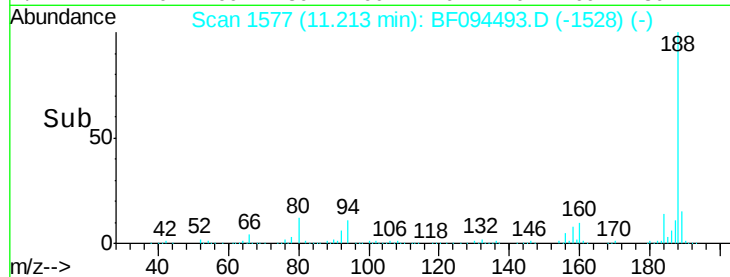
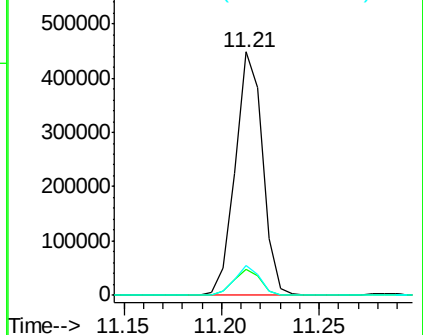
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Instrument :
BNA_F
ClientSampleId :
WDS-02

Tot Ion:188 Resp: 435908
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.1 10.2 15.2

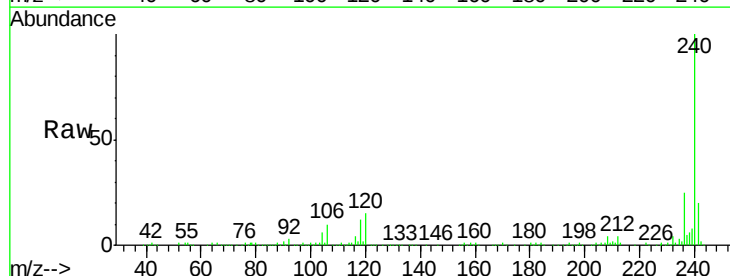


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

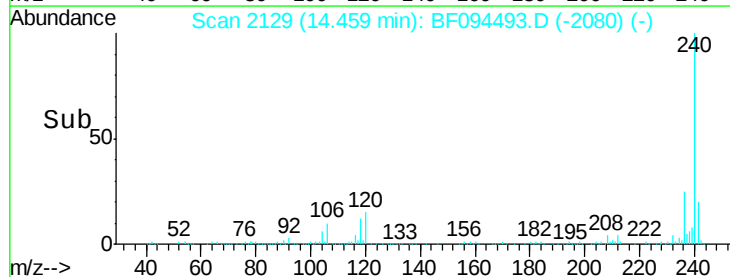
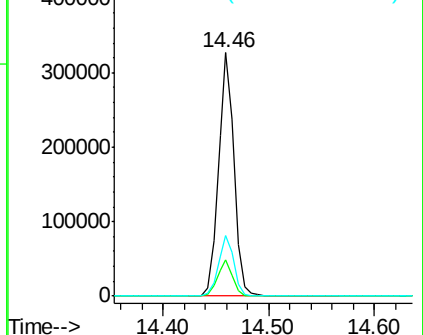


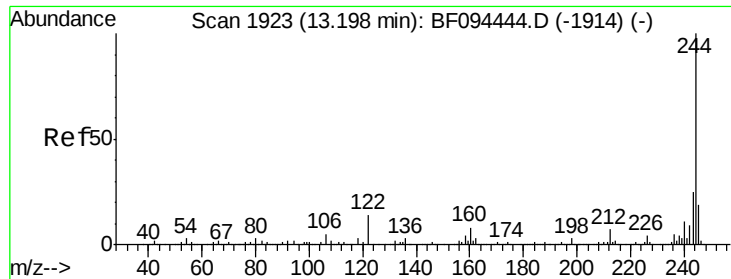
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Tgt Ion:240 Resp: 339388
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.1 20.5 30.7



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

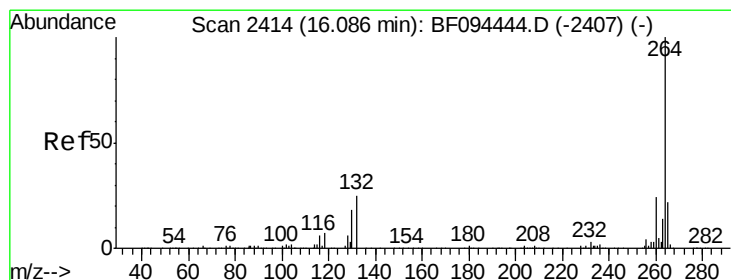
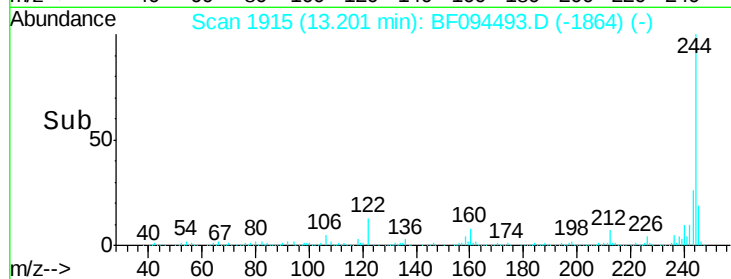
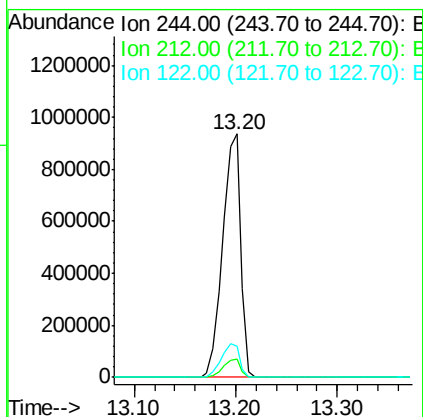
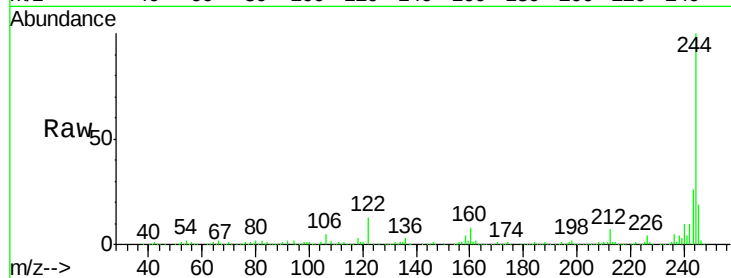




#78
 Terphenyl-d14
 Concen: 91.06 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 WDS-02

Tot Ion:244 Resp: 1156239
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Tgt Ion:264 Resp: 274052
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.3 17.2 25.8

