

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085805.D
 Acq On : 28 Mar 2016 16:57
 Operator : UM/SJ
 Sample : H1941-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Quant Time: Mar 28 17:30:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:50:38 2016
 Response via : Initial Calibration

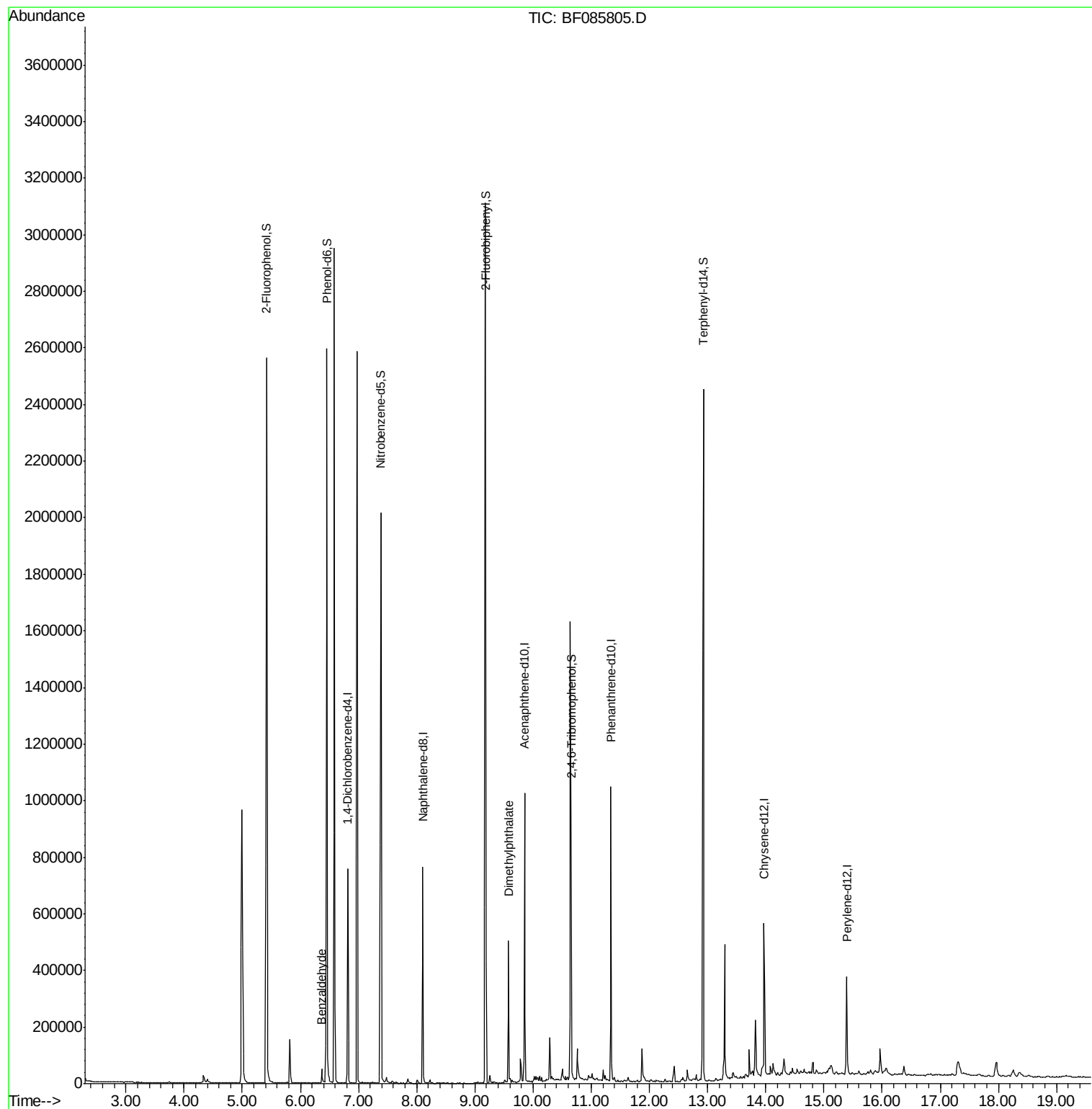
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107998	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	431210	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	190580	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	358532	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	212816	20.00	ng	-0.01
86) Perylene-d12	15.40	264	183155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	812162	125.24	ng	0.01
7) Phenol-d6	6.46	99	1184912	143.71	ng	0.00
23) Nitrobenzene-d5	7.38	82	737296	96.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	268675	148.38	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	974547	85.44	ng	-0.01
78) Terphenyl-d14	12.93	244	935112	90.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	15810	3.18	ng	96
49) Dimethylphthalate	9.58	163	233825	16.17	ng	98

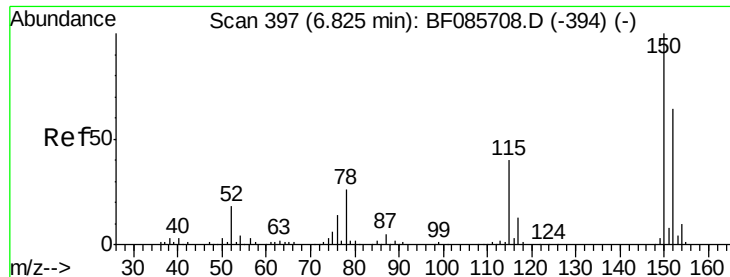
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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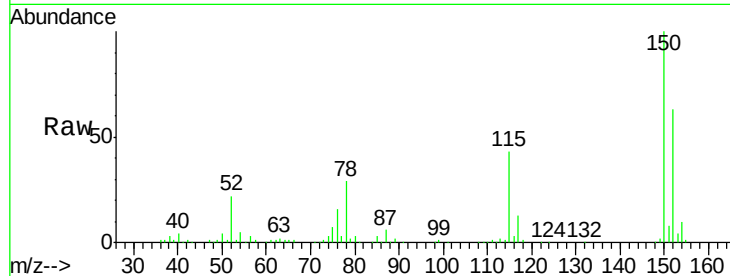


#1

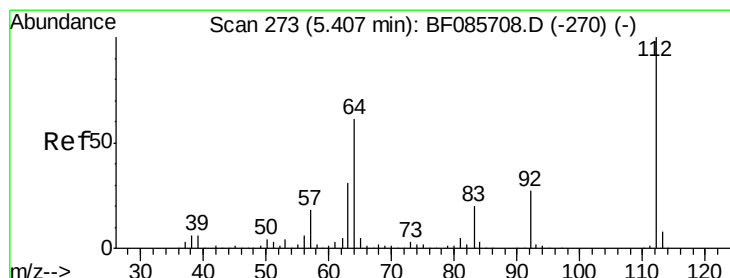
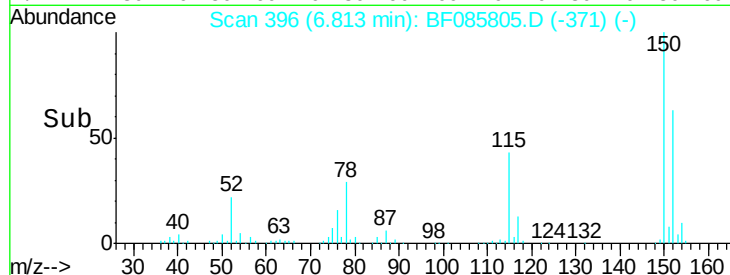
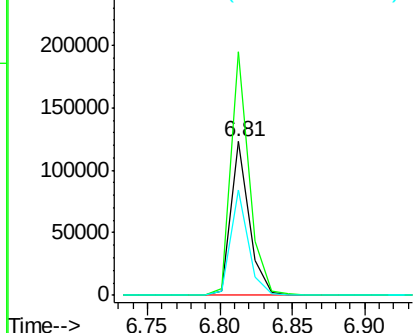
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Instrument :
BNA_F
ClientSampleId :
SP-8

Tgt Ion:152 Resp: 107998
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.2
115 68.7 47.0 70.6



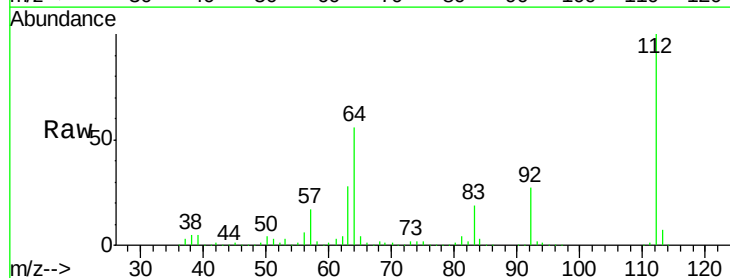
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



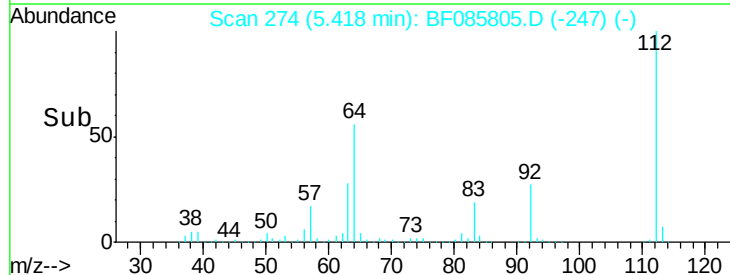
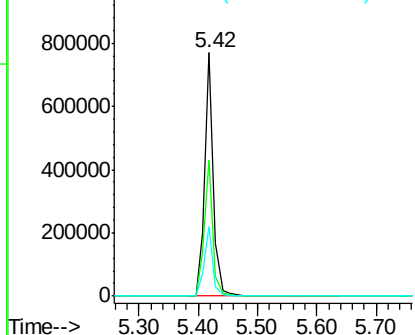
#5

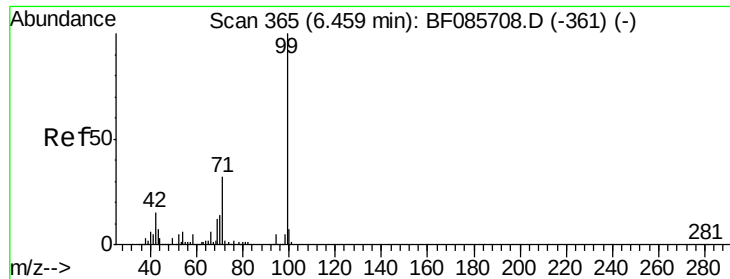
2-Fluorophenol
Concen: 125.24 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Tgt Ion:112 Resp: 812162
Ion Ratio Lower Upper
112 100
64 55.8 39.9 59.9
63 28.4 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.71 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

Instrument :

BNA_F

ClientSampleId :

SP-8

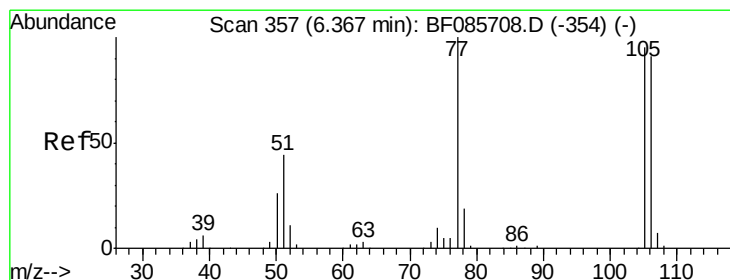
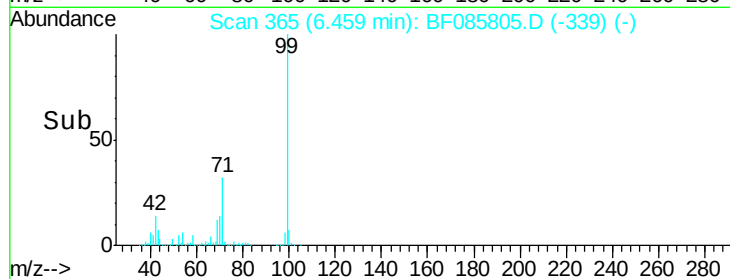
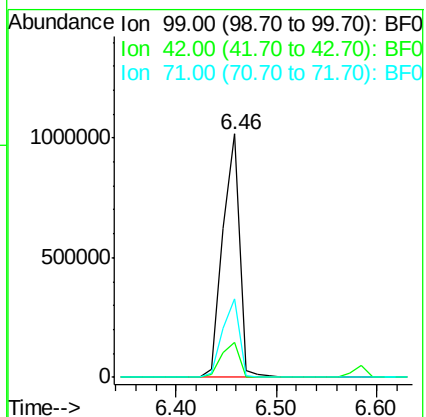
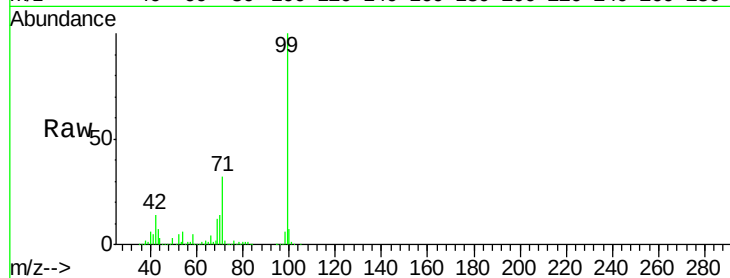
Tgt Ion: 99 Resp: 1184912

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

71 32.3 24.9 37.3



#9

Benzaldehyde

Concen: 3.18 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

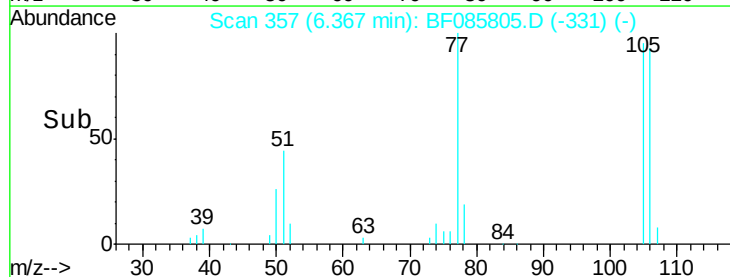
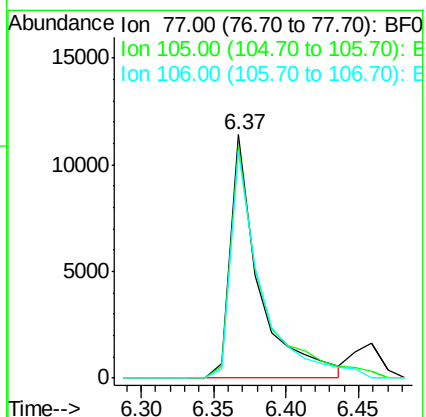
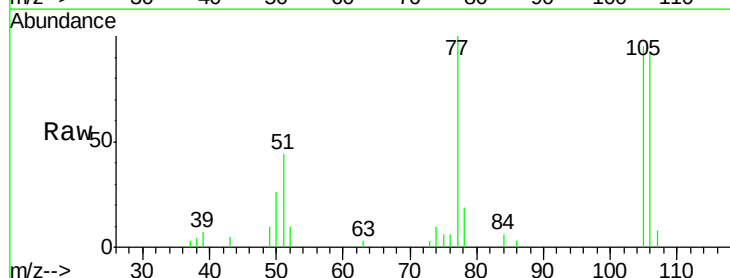
Tgt Ion: 77 Resp: 15810

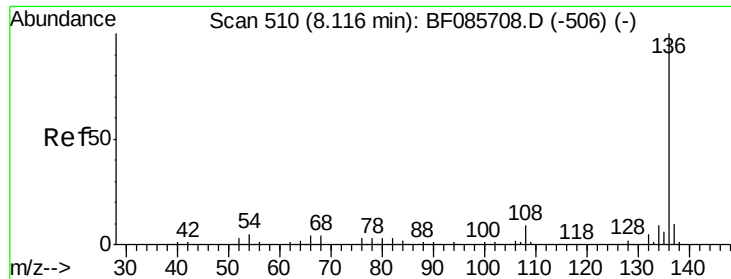
Ion Ratio Lower Upper

77 100

105 95.1 80.1 120.1

106 93.0 75.0 115.0

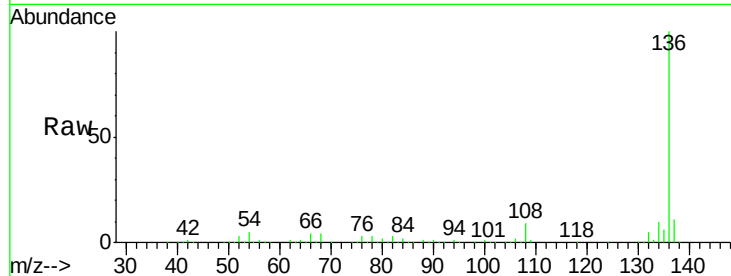




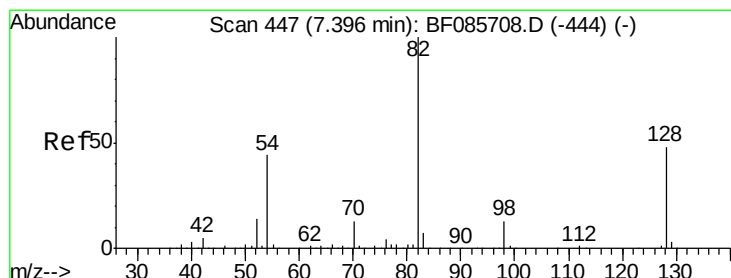
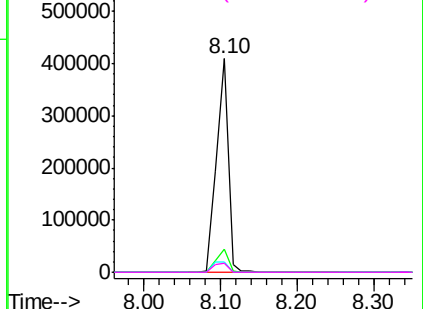
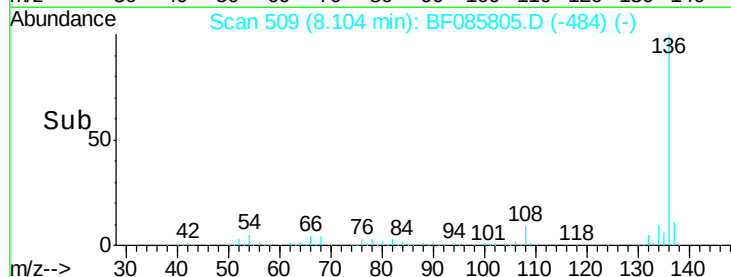
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Instrument :
BNA_F
ClientSampleId :
SP-8

Tgt Ion:	136	Resp:	431210
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	4.9	7.4	11.0#
68	4.4	5.8	8.8#

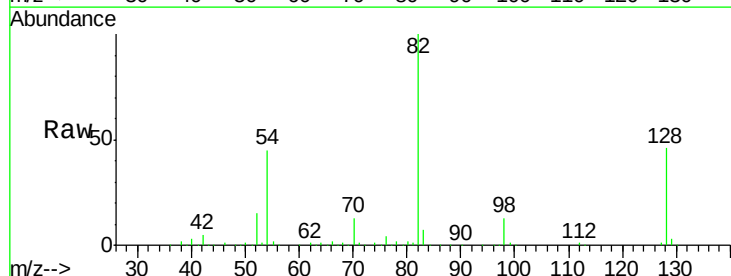


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

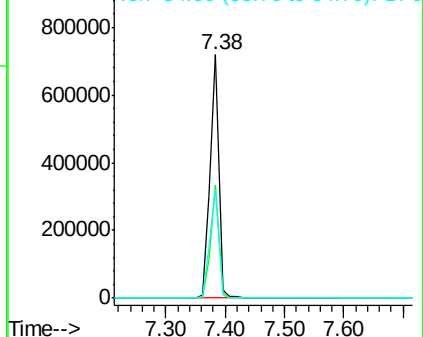
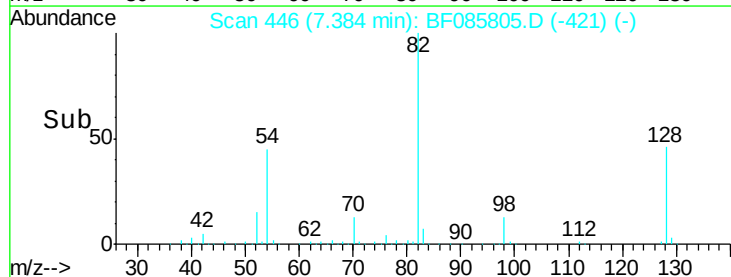


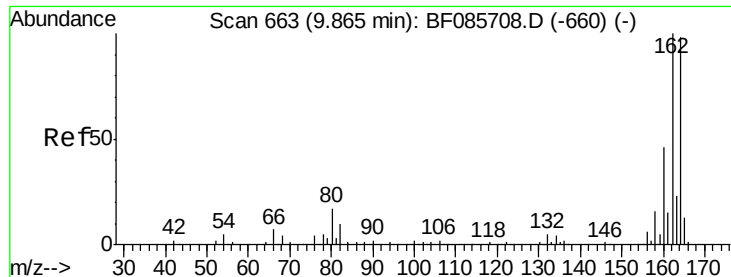
#23
Nitrobenzene-d5
Concen: 96.29 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Tgt Ion:	82	Resp:	737296
Ion	Ratio	Lower	Upper
82	100		
128	46.2	41.8	62.8
54	45.0	33.4	50.0



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: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

Instrument :

BNA_F

ClientSampleId :

SP-8

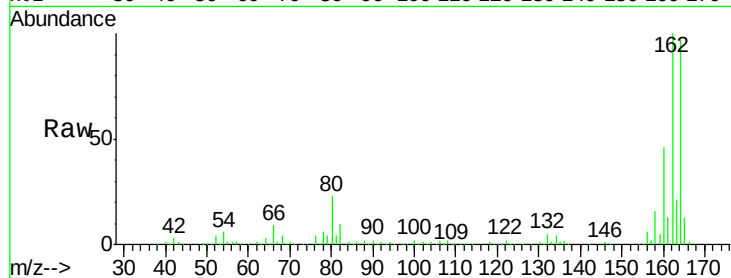
Tgt Ion:164 Resp: 190580

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

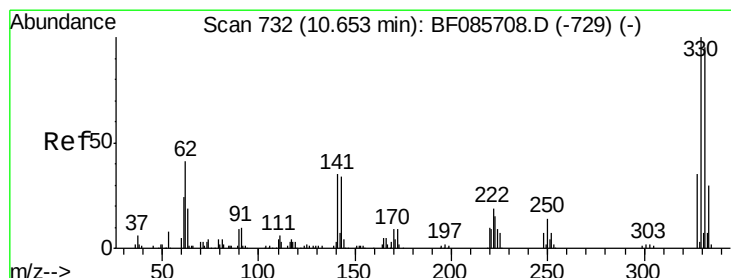
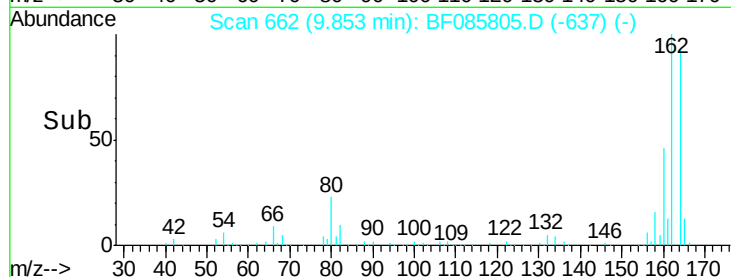
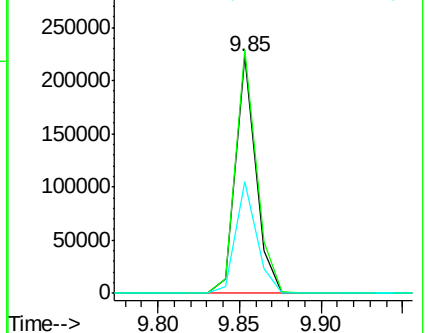
160 47.4 37.4 56.2



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: 148.38 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

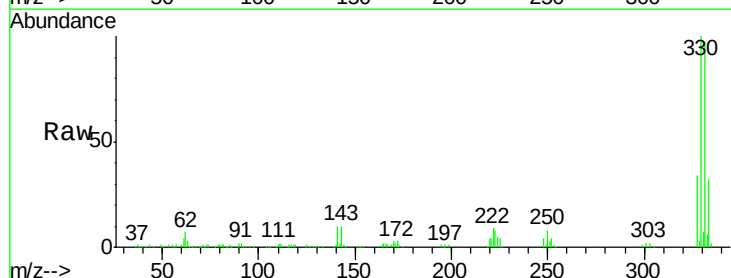
Tgt Ion:330 Resp: 268675

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

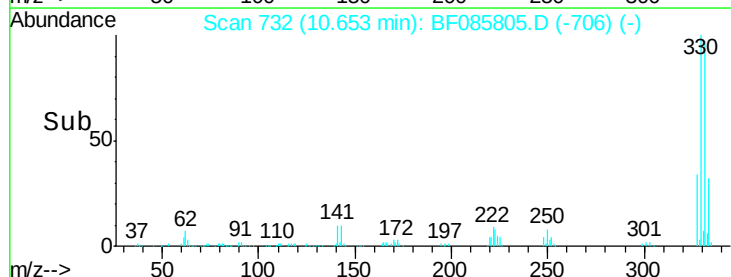
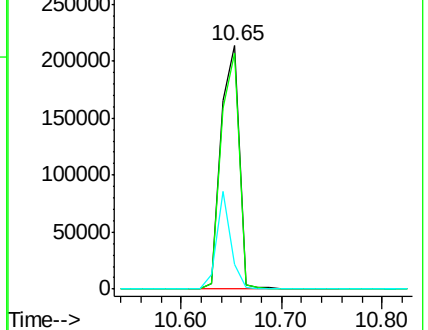
141 31.5 31.5 47.3#

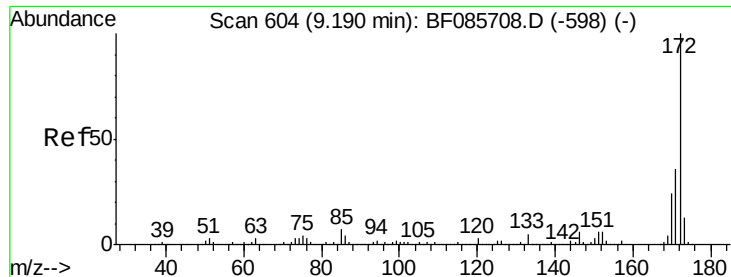


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

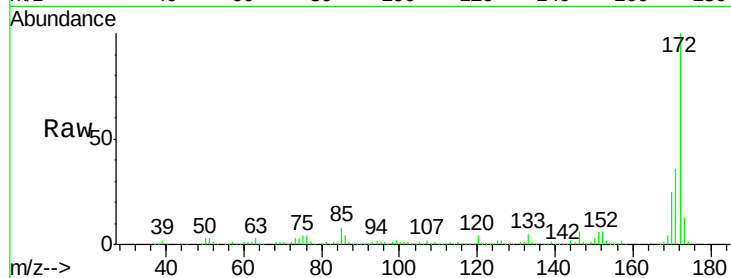




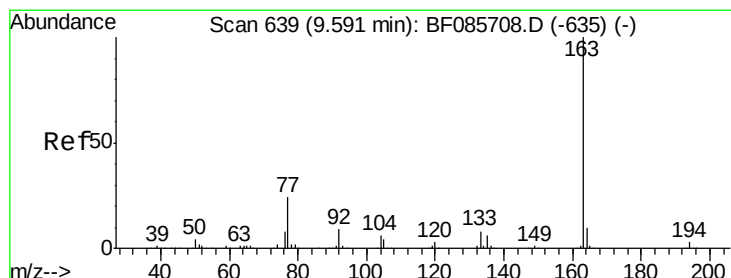
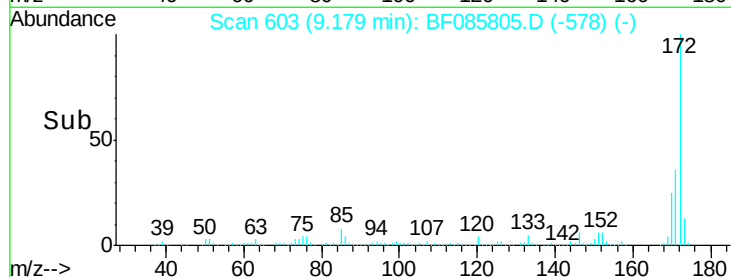
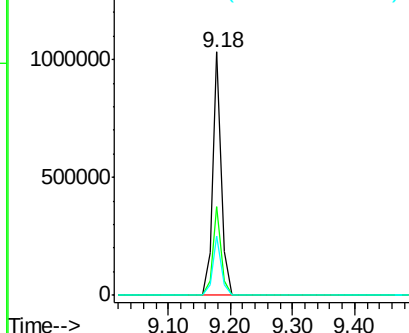
#44
2-Fluorobiphenyl
Concen: 85.44 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Instrument :
BNA_F
ClientSampled :
SP-8

Tgt Ion:172 Resp: 974547
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 24.5 19.8 29.6

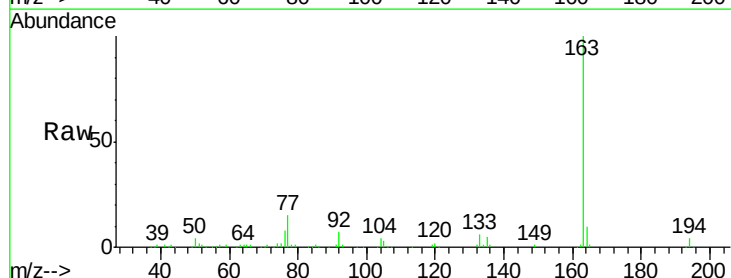


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

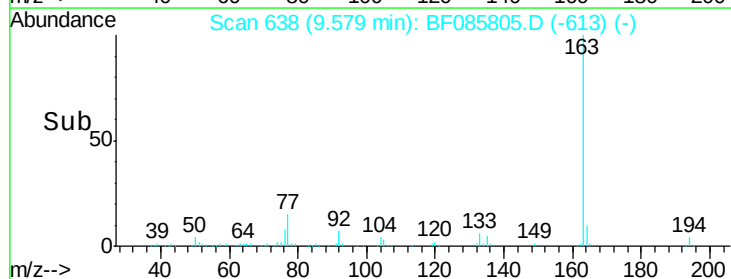
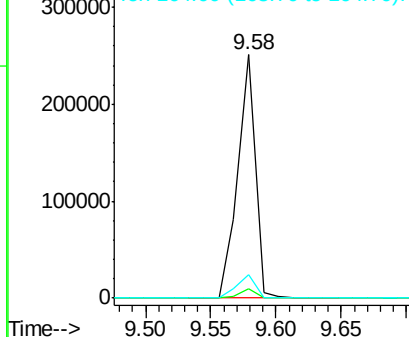


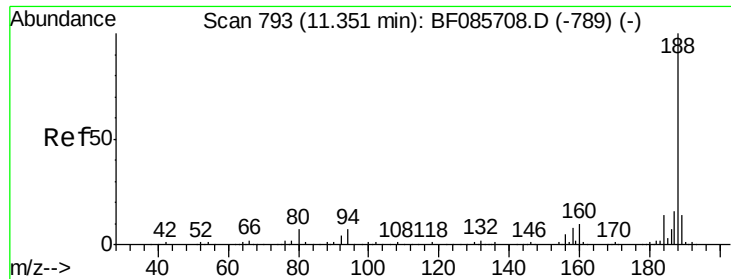
#49
Dimethylphthalate
Concen: 16.17 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Tgt Ion:163 Resp: 233825
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

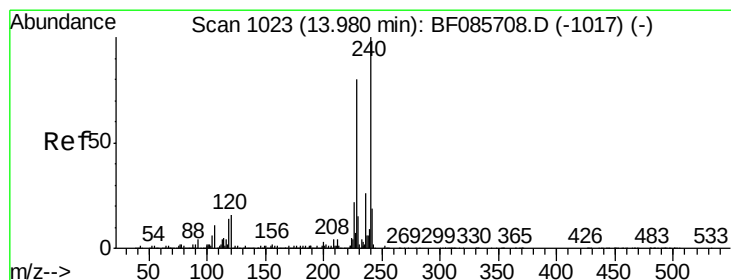
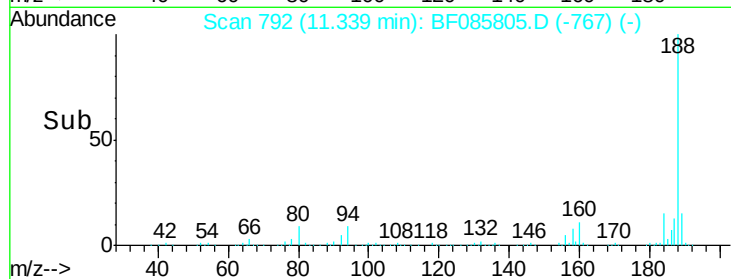
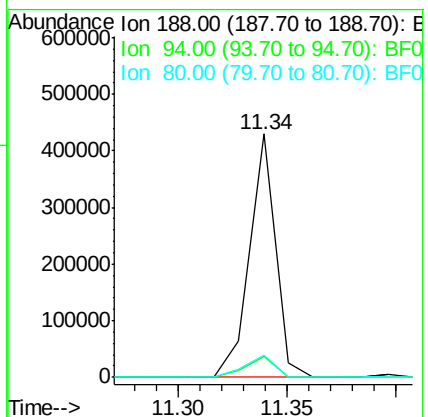
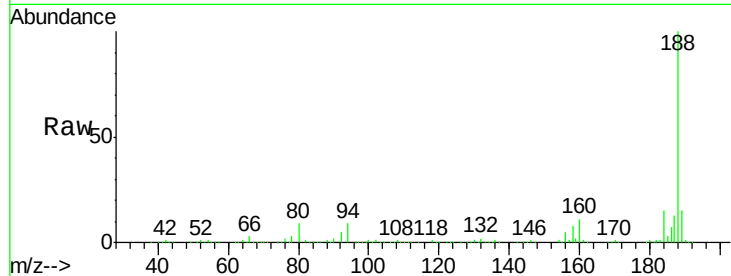




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

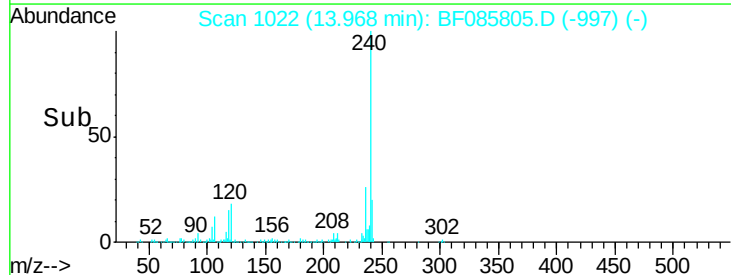
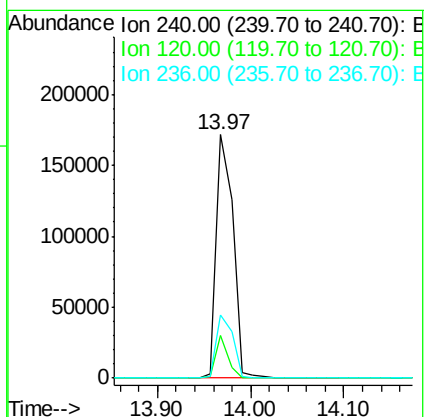
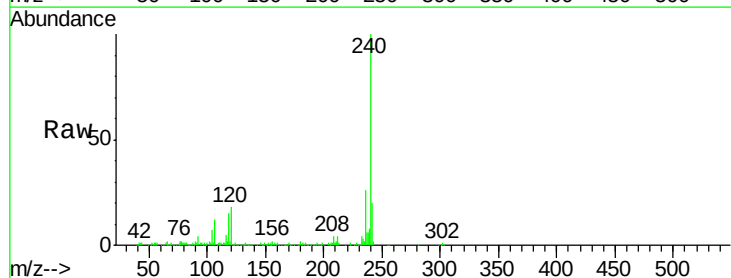
Instrument :
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SP-8

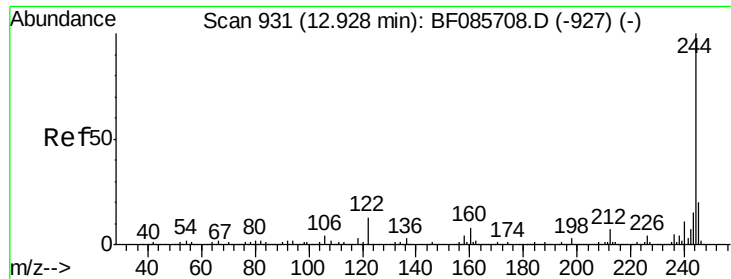
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.4	8.0#
80	9.3	5.5	8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.6	13.8	20.8
236	25.8	20.6	30.8

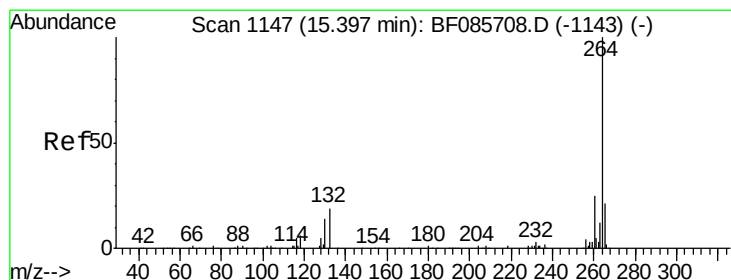
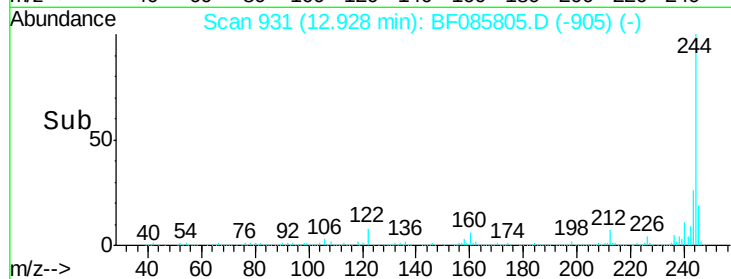
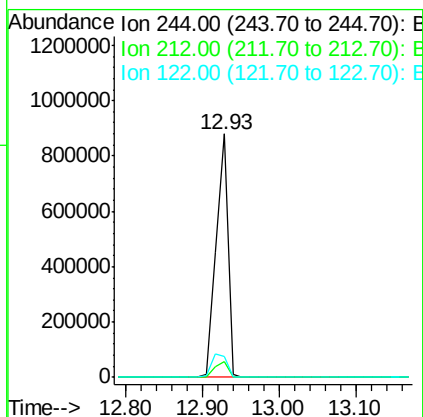
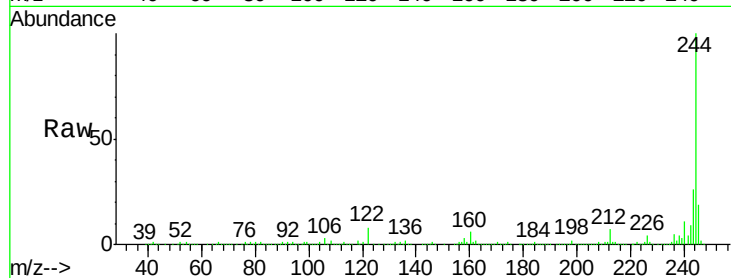




#78
 Terphenyl-d14
 Concen: 90.37 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampled :
 SP-8

Tgt Ion:244 Resp: 935112
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.5 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Tgt Ion:264 Resp: 183155
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.6 17.2 25.8

