

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085763.D
 Acq On : 25 Mar 2016 15:56
 Operator : UM/SJ
 Sample : H1858-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13A

Quant Time: Mar 25 16:25:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

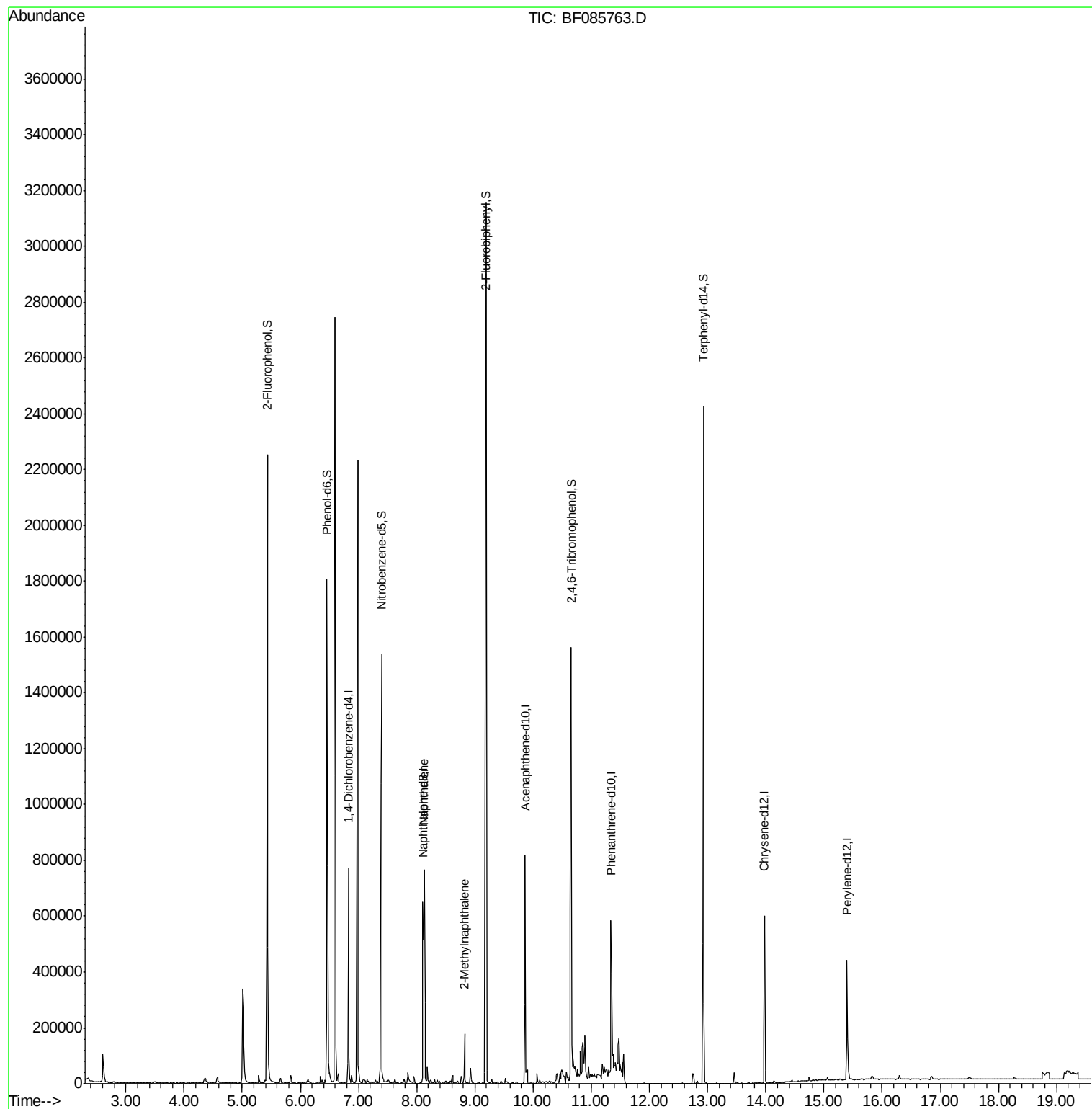
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109697	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	397524	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	165525	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	250395	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	213244	20.00	ng	0.00
86) Perylene-d12	15.40	264	185503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	704109	106.90	ng	0.02
7) Phenol-d6	6.46	99	797594	95.24	ng	0.00
23) Nitrobenzene-d5	7.40	82	668832	94.75	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	193270	122.89	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1094234	110.45	ng	0.00
78) Terphenyl-d14	12.93	244	721525	69.59	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	368121	18.38	ng	99
37) 2-Methylnaphthalene	8.82	142	47470	2.32	ng	98

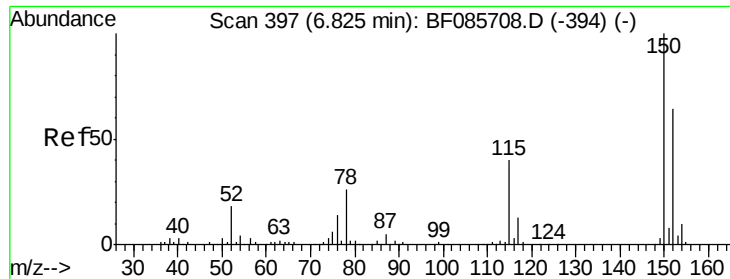
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085763.D

Acq: 25 Mar 2016 15:56

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

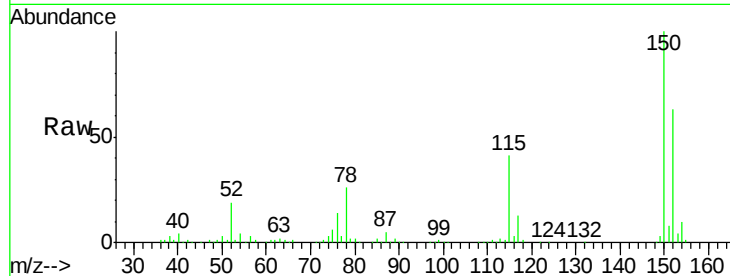
Tot Ion:152 Resp: 109697

Ion Ratio Lower Upper

152 100

150 158.4 124.2 186.2

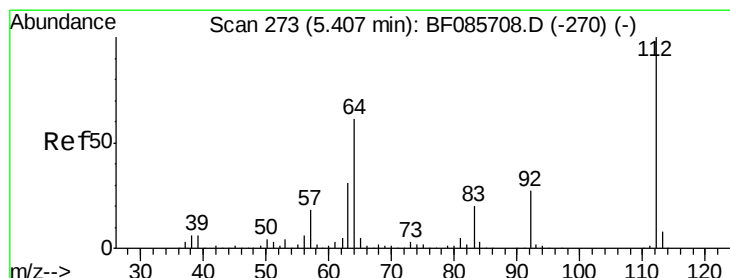
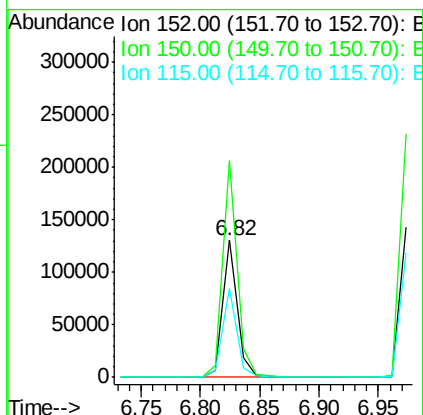
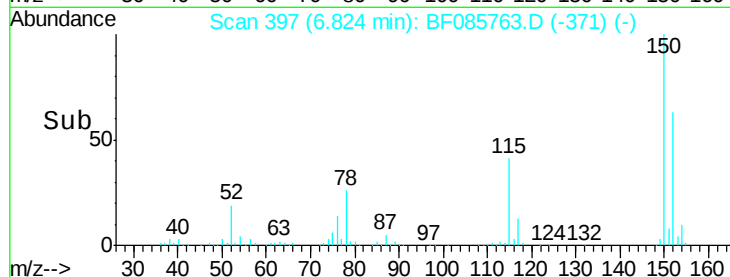
115 64.2 47.0 70.6



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: 106.90 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085763.D

Acq: 25 Mar 2016 15:56

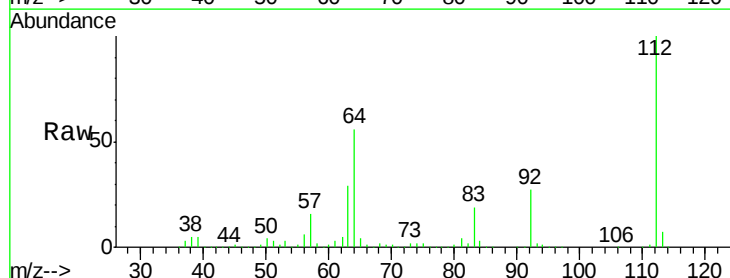
Tgt Ion:112 Resp: 704109

Ion Ratio Lower Upper

112 100

64 56.3 39.9 59.9

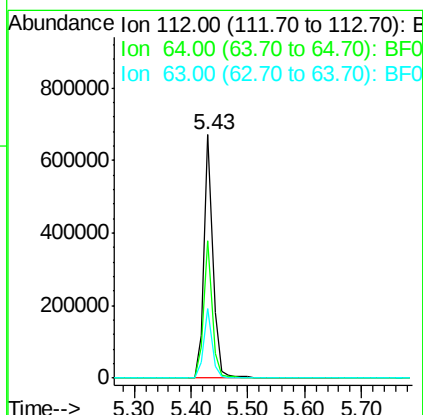
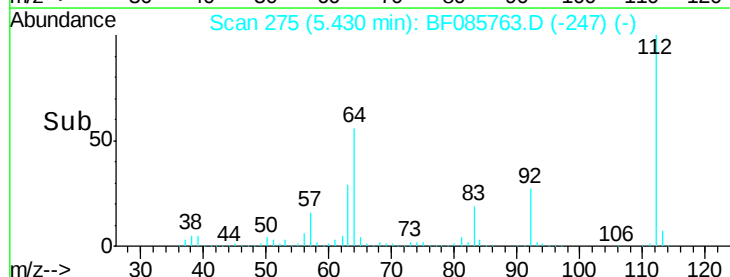
63 28.5 20.2 30.2



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: 95.24 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085763.D

Acq: 25 Mar 2016 15:56

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

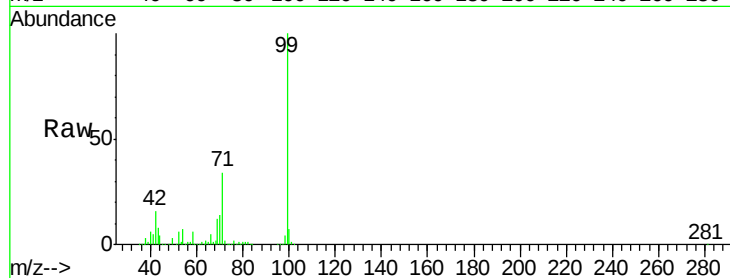
Tot Ion: 99 Resp: 797594

Ion Ratio Lower Upper

99 100

42 16.2 11.1 16.7

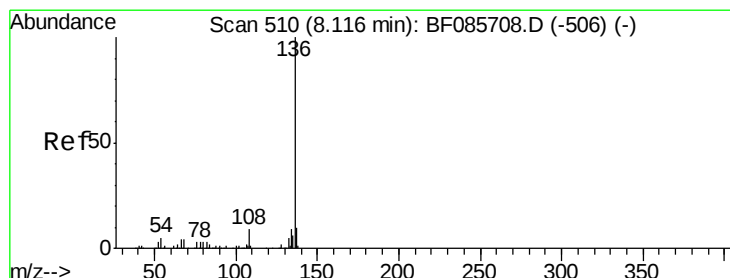
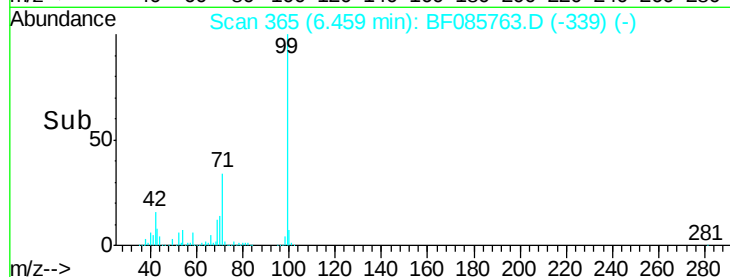
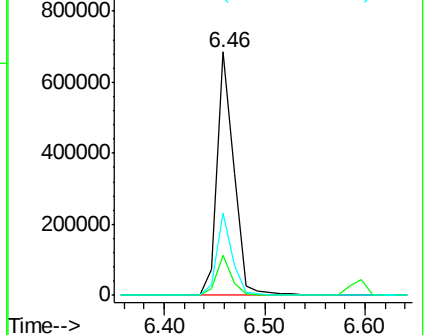
71 33.6 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085763.D

Acq: 25 Mar 2016 15:56

Tgt Ion: 136 Resp: 397524

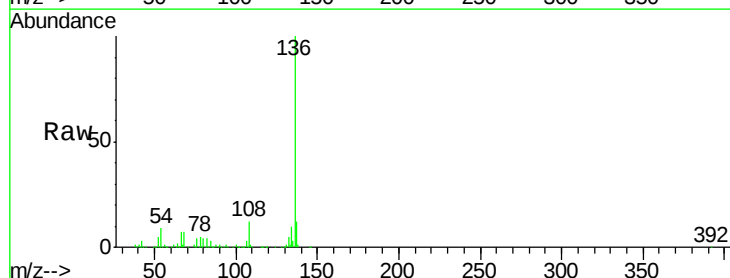
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.2 7.4 11.0

68 7.5 5.8 8.8

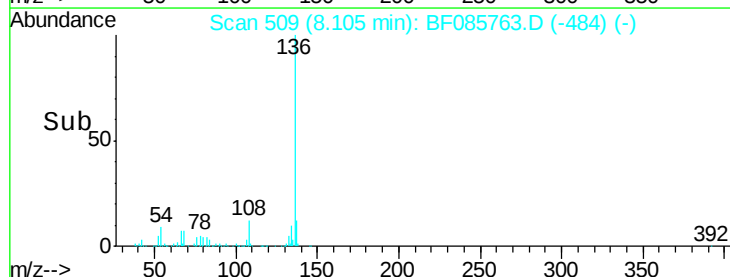
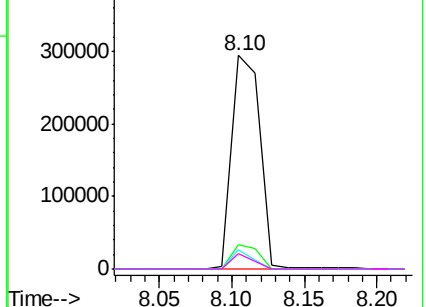


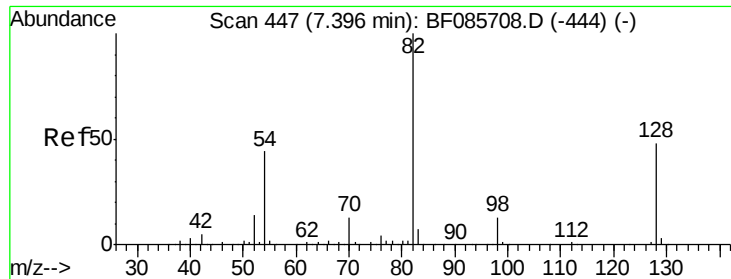
Abundance Ion 136.00 (135.70 to 136.70): E

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

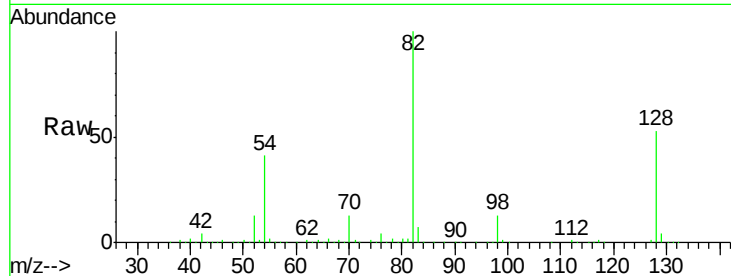




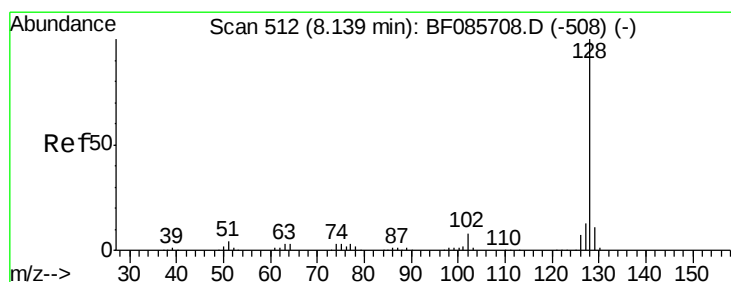
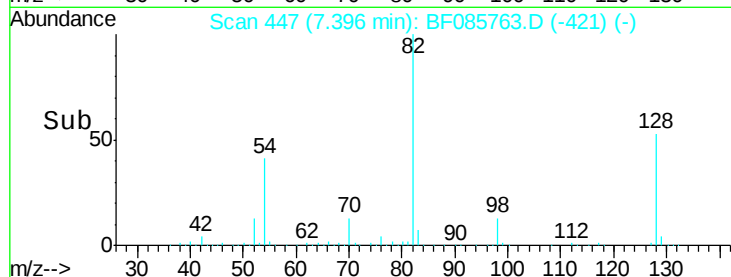
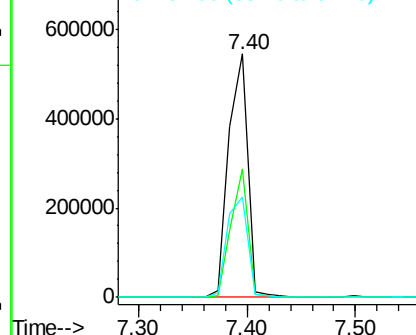
#23
 Nitrobenzene-d5
 Concen: 94.75 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085763.D
 Acq: 25 Mar 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13A

Tot Ion: 82 Resp: 668832
 Ion Ratio Lower Upper
 82 100
 128 52.9 41.8 62.8
 54 41.0 33.4 50.0

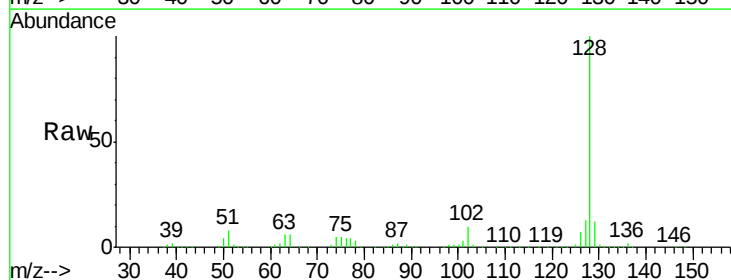


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

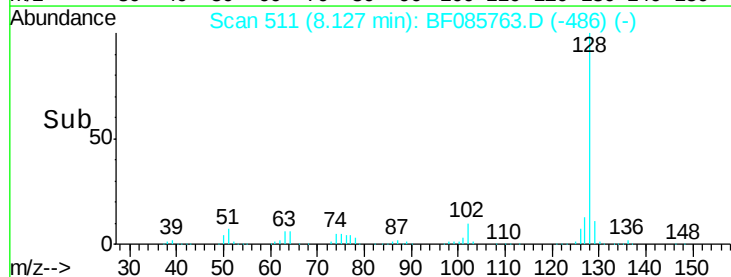
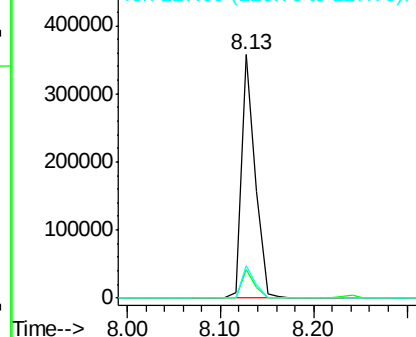


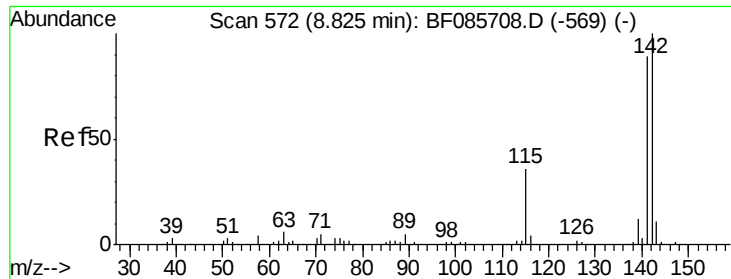
#31
 Naphthalene
 Concen: 18.38 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085763.D
 Acq: 25 Mar 2016 15:56

Tgt Ion: 128 Resp: 368121
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.0
 127 13.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

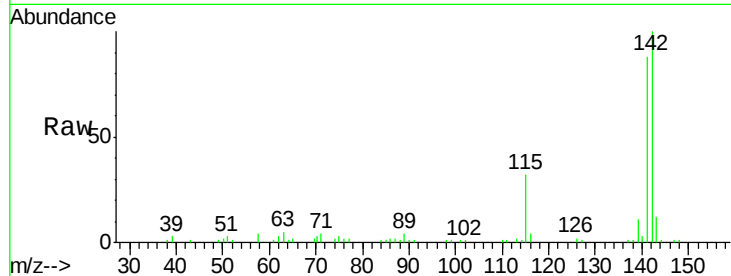




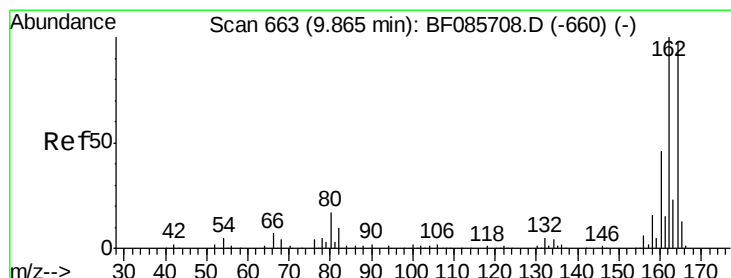
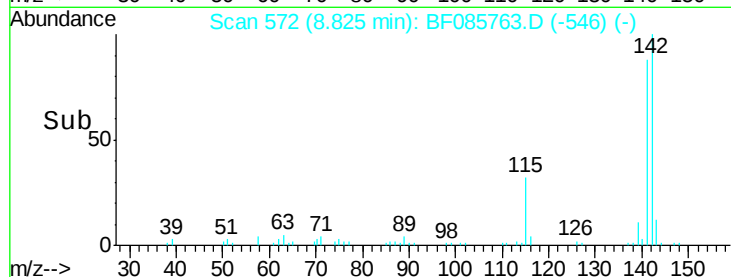
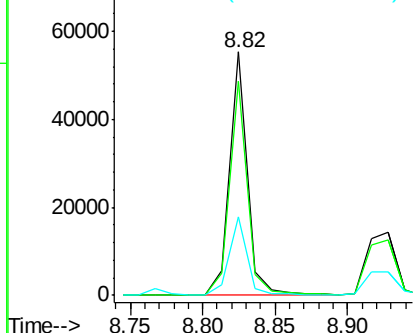
#37
2-Methylnaphthalene
Concen: 2.32 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085763.D
Acq: 25 Mar 2016 15:56

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-13A

Tot Ion:142 Resp: 47470
Ion Ratio Lower Upper
142 100
141 88.1 71.6 107.4
115 32.4 26.8 40.2

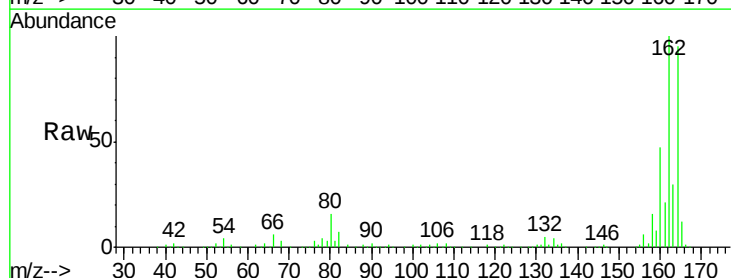


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

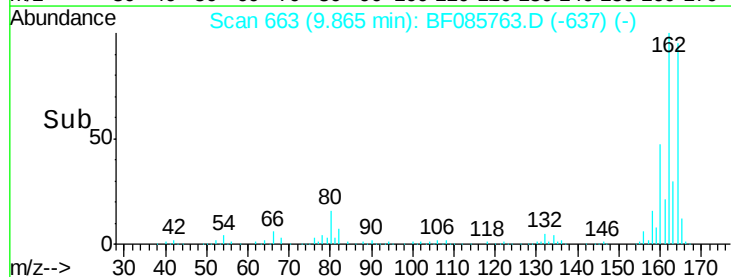
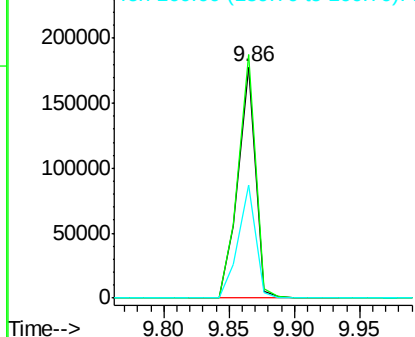


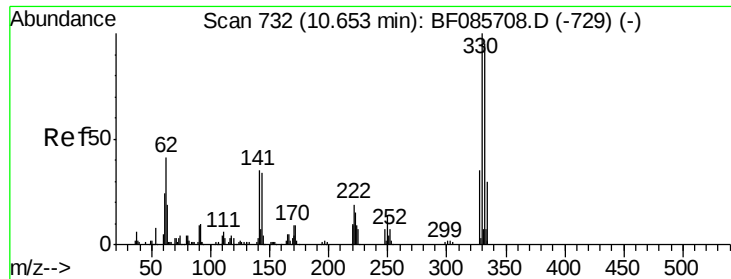
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085763.D
Acq: 25 Mar 2016 15:56

Tgt Ion:164 Resp: 165525
Ion Ratio Lower Upper
164 100
162 105.2 82.1 123.1
160 49.0 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

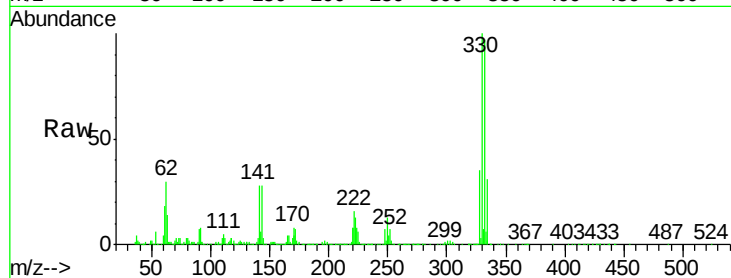




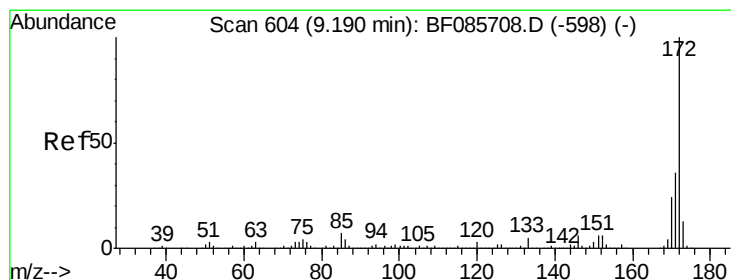
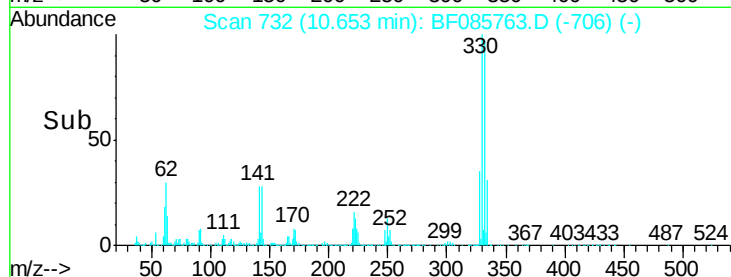
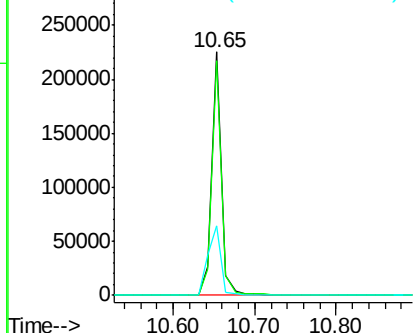
#41
 2,4,6-Tribromophenol
 Concen: 122.89 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085763.D
 Acq: 25 Mar 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13A

Tot Ion:330 Resp: 193270
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 39.1 31.5 47.3

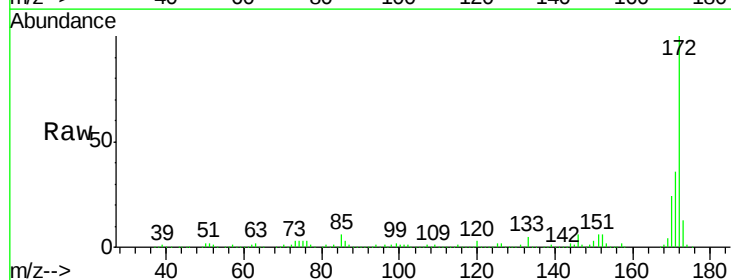


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

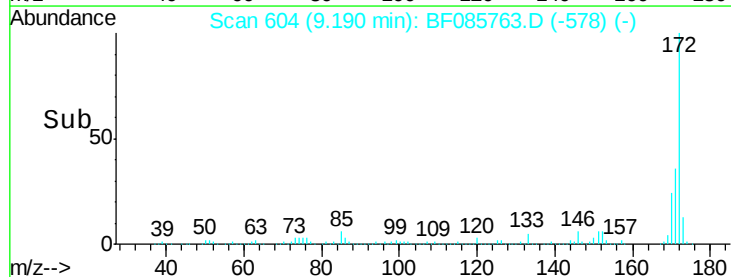
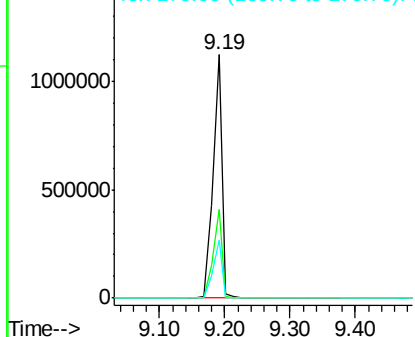


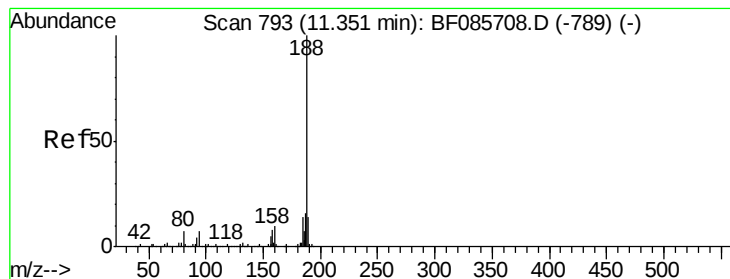
#44
 2-Fluorobiphenyl
 Concen: 110.45 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085763.D
 Acq: 25 Mar 2016 15:56

Tgt Ion:172 Resp: 1094234
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085763.D

Acq: 25 Mar 2016 15:56

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

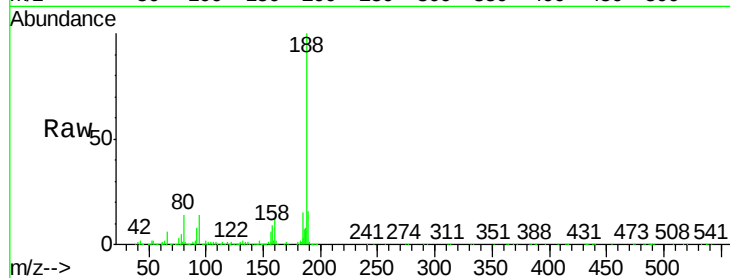
Tot Ion:188 Resp: 250395

Ion Ratio Lower Upper

188 100

94 13.5 5.4 8.0#

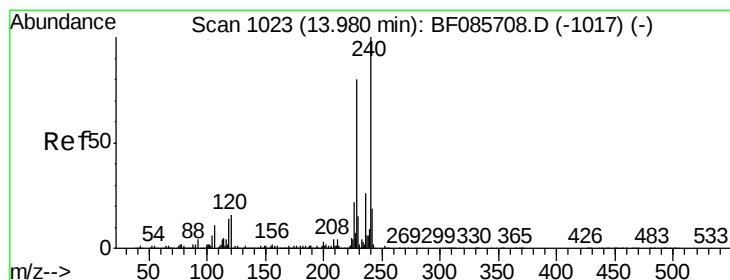
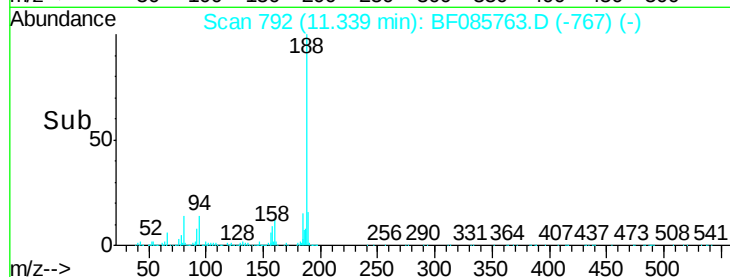
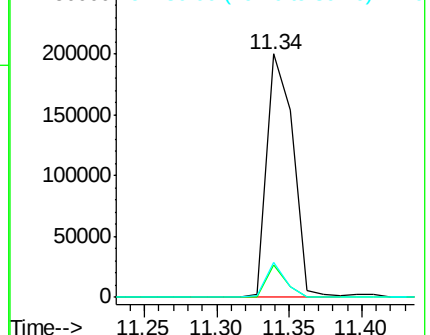
80 14.4 5.5 8.3#



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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085763.D

Acq: 25 Mar 2016 15:56

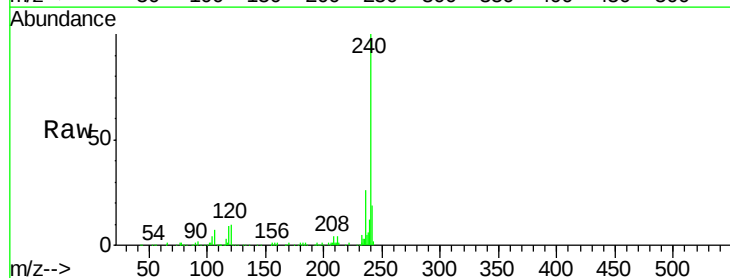
Tgt Ion:240 Resp: 213244

Ion Ratio Lower Upper

240 100

120 10.0 13.8 20.8#

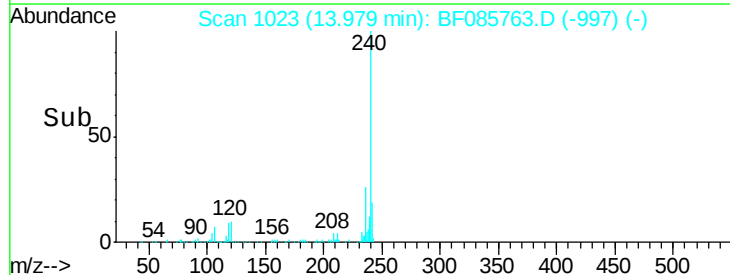
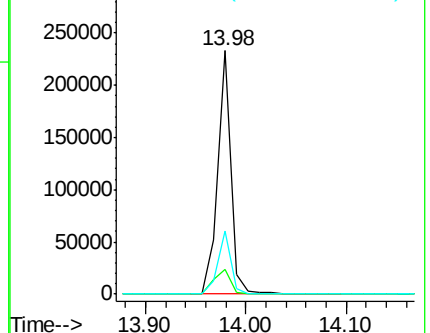
236 26.2 20.6 30.8

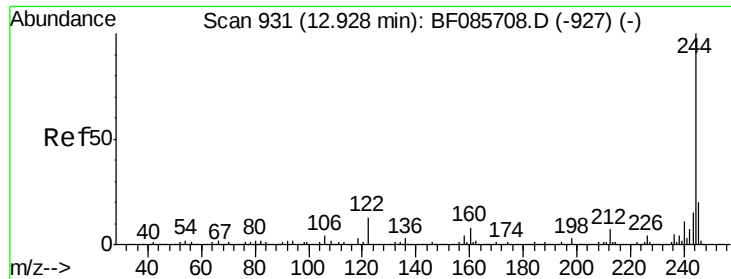


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

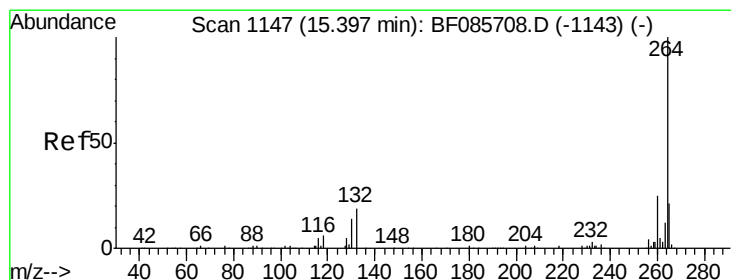
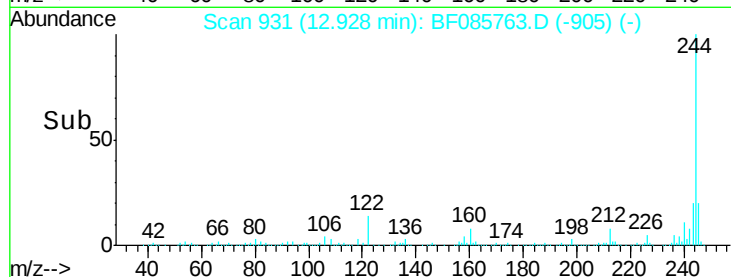
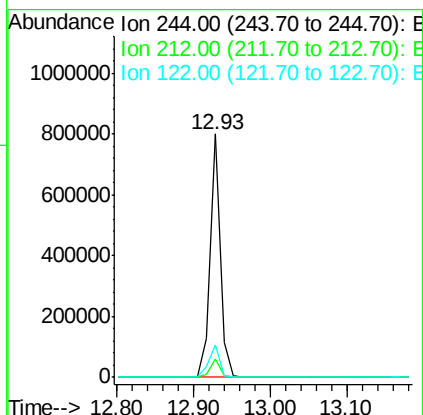
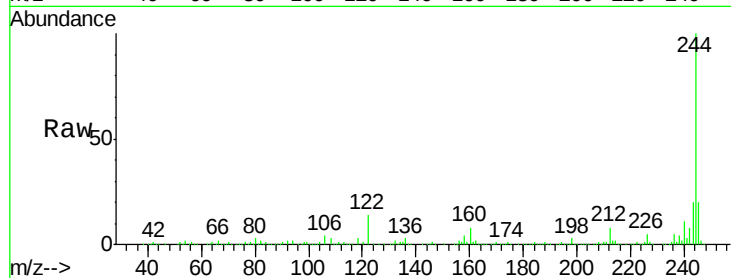




#78
 Terphenyl-d14
 Concen: 69.59 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085763.D
 Acq: 25 Mar 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13A

Tot Ion:244 Resp: 721525
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.6 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: BF085763.D
 Acq: 25 Mar 2016 15:56

Tgt Ion:264 Resp: 185503
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.8 17.2 25.8

