

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080769.D
 Acq On : 1 Aug 2015 9:13
 Operator : TP/UM
 Sample : G3130-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-3

Quant Time: Aug 03 01:48:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

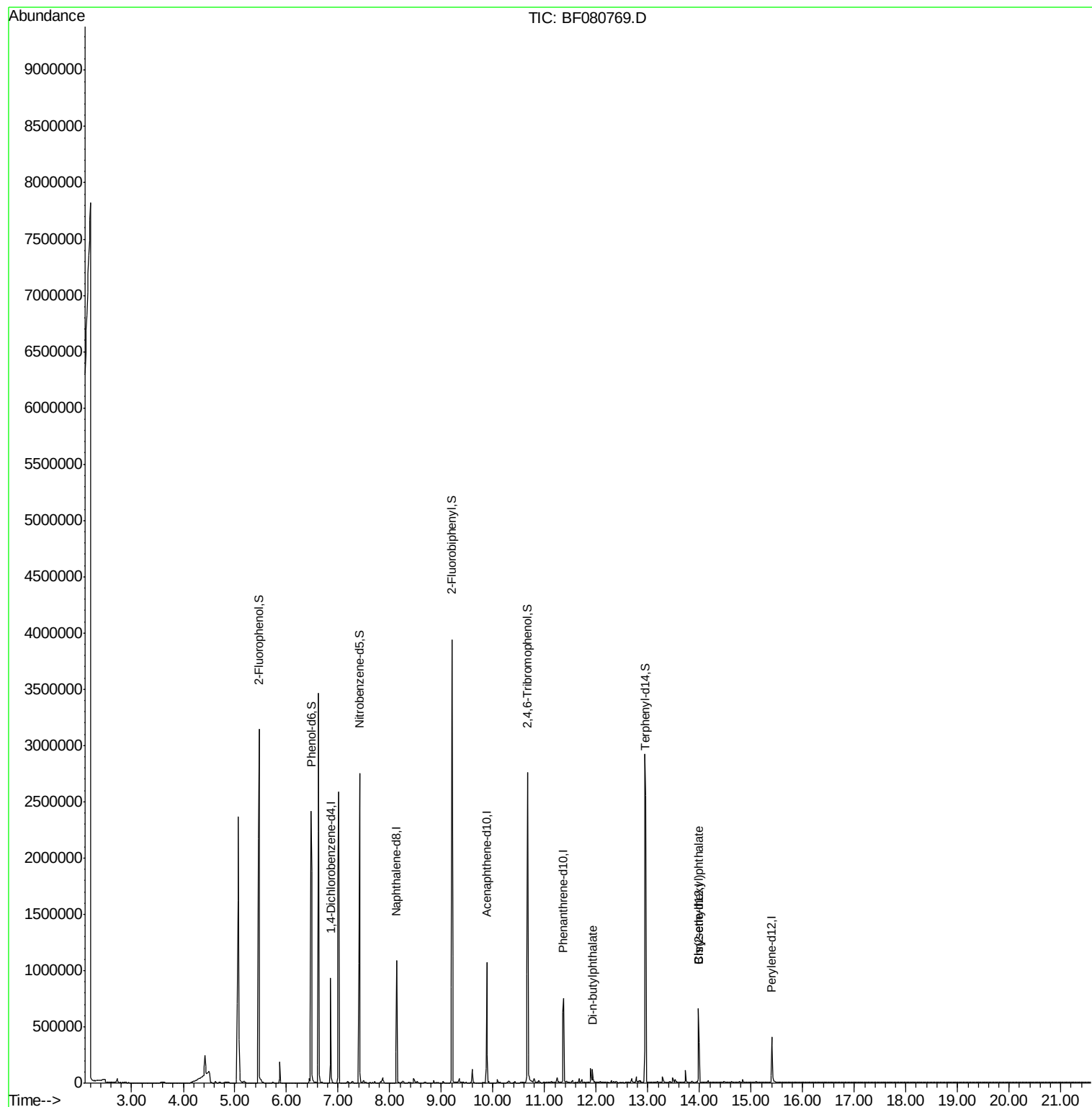
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117756	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	440107	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	206489	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	383246	20.00	ng	0.00
75) Chrysene-d12	13.99	240	239536	20.00	ng	-0.01
86) Perylene-d12	15.40	264	239753	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	943363	137.43	ng	0.02
7) Phenol-d6	6.48	99	1089417	116.58	ng	-0.01
23) Nitrobenzene-d5	7.41	82	866546	95.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	336390	157.00	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1321606	95.49	ng	-0.01
78) Terphenyl-d14	12.96	244	1347690	106.41	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.93	149	52001	2.55	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	13.99	149	22766	2.46	ng	# 97

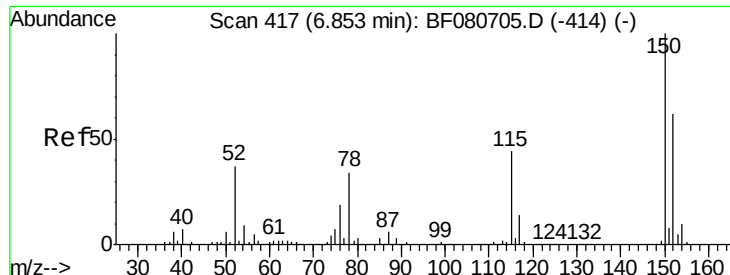
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

Instrument :

BNA_F

ClientSampleId :

SOIL-3

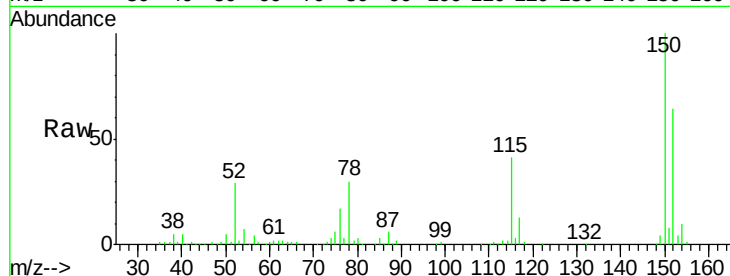
Tgt Ion:152 Resp: 117756

Ion Ratio Lower Upper

152 100

150 155.5 129.6 194.4

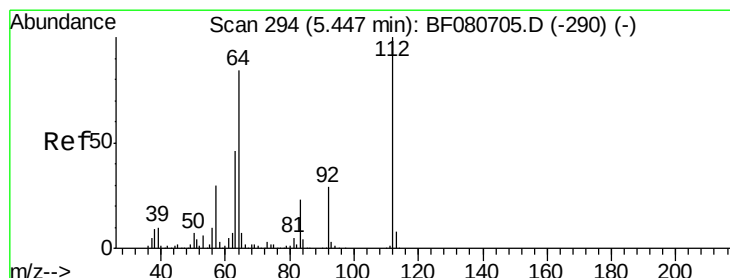
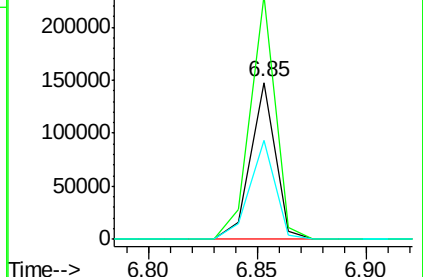
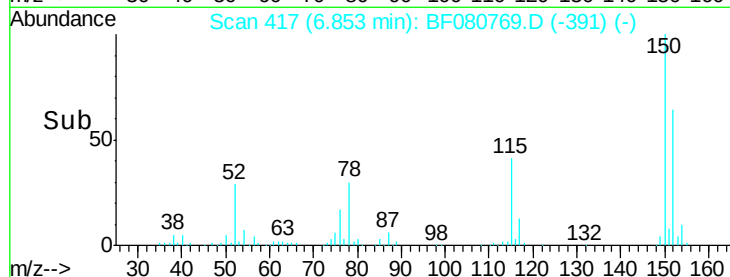
115 63.5 56.6 85.0



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: 137.43 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

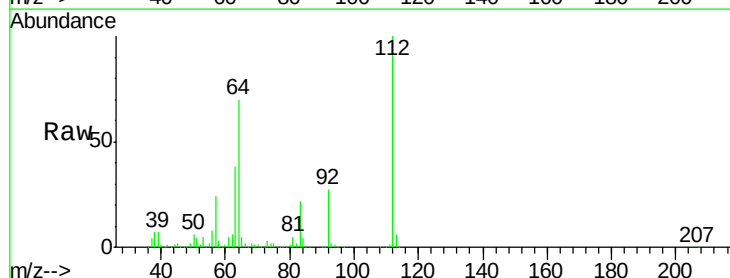
Tgt Ion:112 Resp: 943363

Ion Ratio Lower Upper

112 100

64 69.8 66.8 100.2

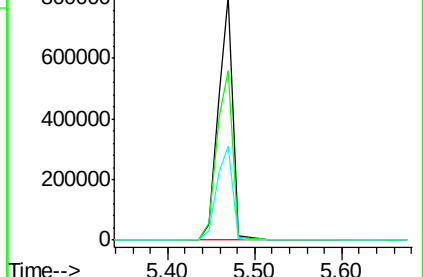
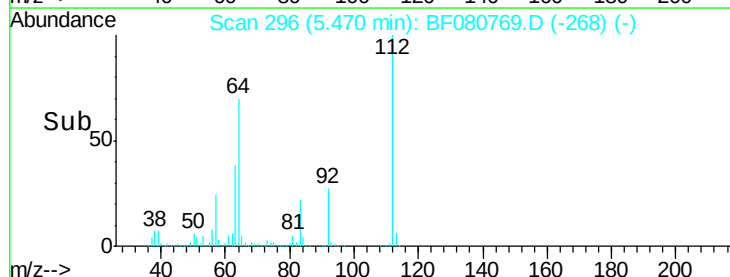
63 38.4 36.7 55.1

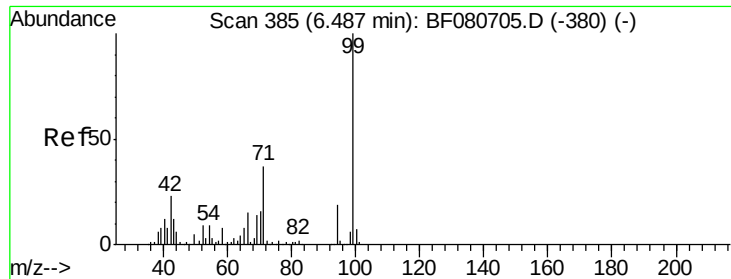


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.58 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

Instrument :

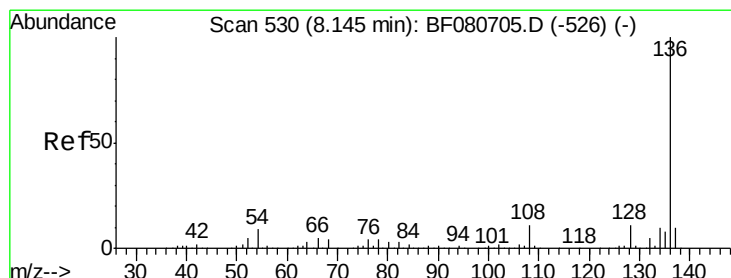
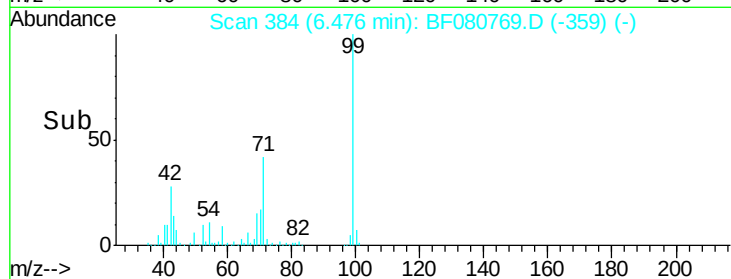
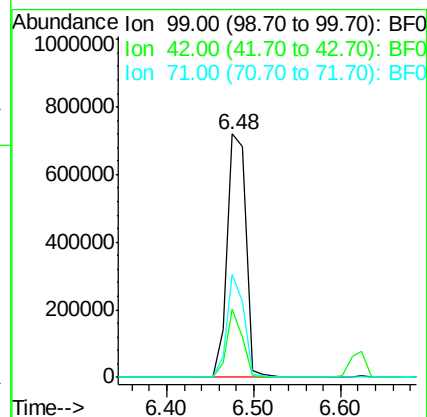
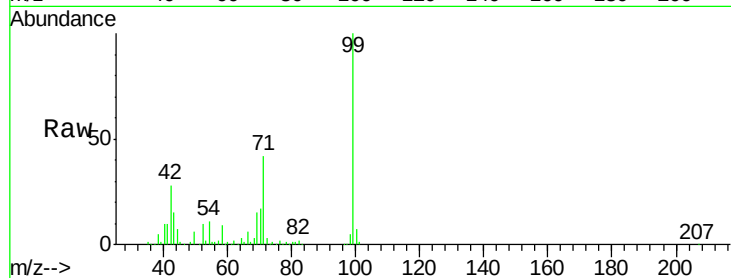
BNA_F

ClientSampleId :

SOIL-3

Tgt Ion: 99 Resp: 1089417

Ion	Ratio	Lower	Upper
99	100		
42	28.3	18.2	27.2#
71	42.1	29.5	44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

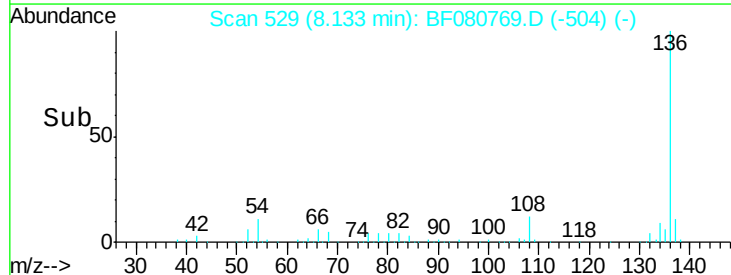
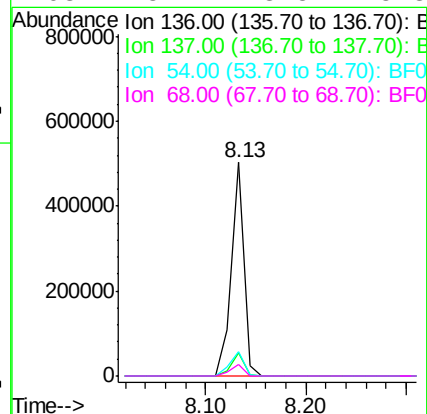
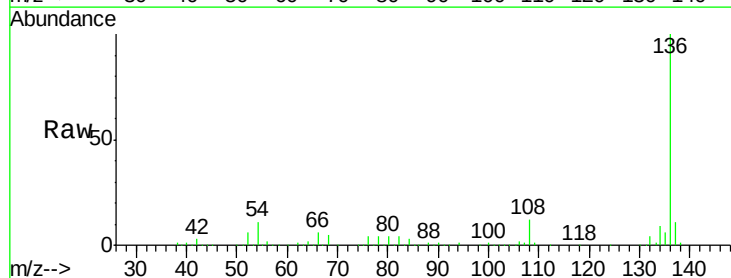
Delta R.T. -0.01 min

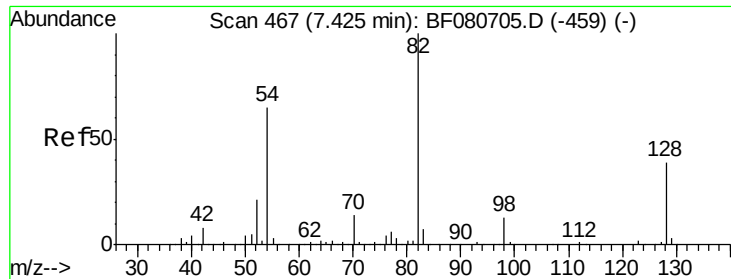
Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

Tgt Ion: 136 Resp: 440107

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	11.3	6.9	10.3#
68	5.1	3.5	5.3

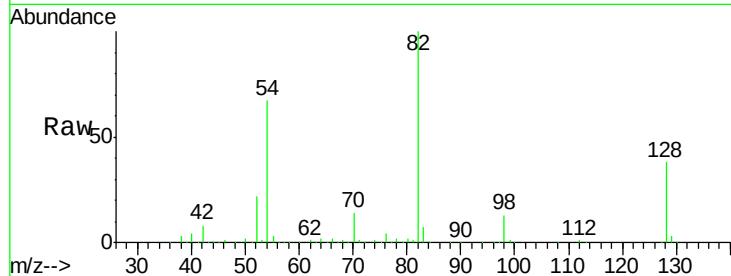




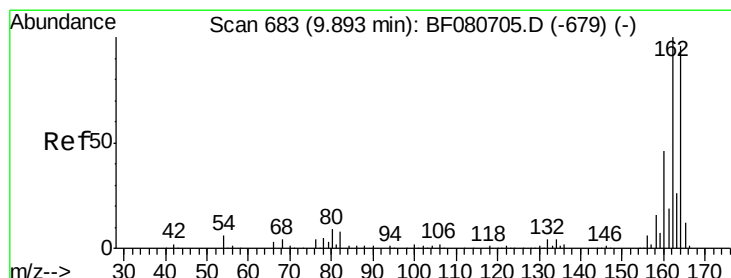
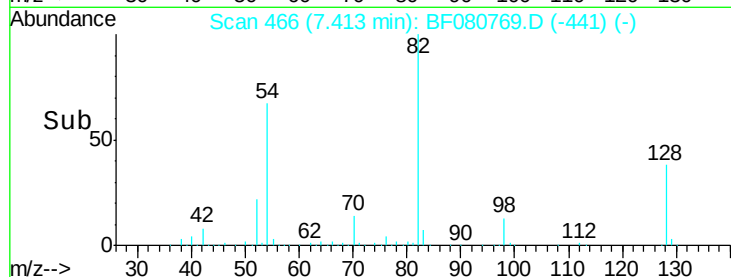
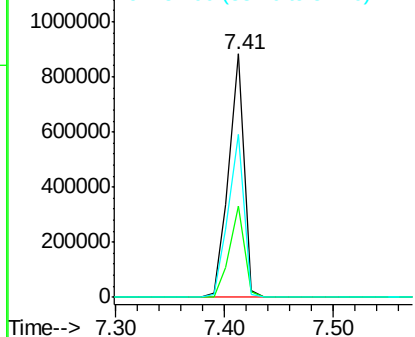
#23
 Nitrobenzene-d5
 Concen: 95.35 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080769.D
 Acq: 1 Aug 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-3

Tgt Ion: 82 Resp: 866546
 Ion Ratio Lower Upper
 82 100
 128 37.7 31.5 47.3
 54 67.1 51.8 77.8

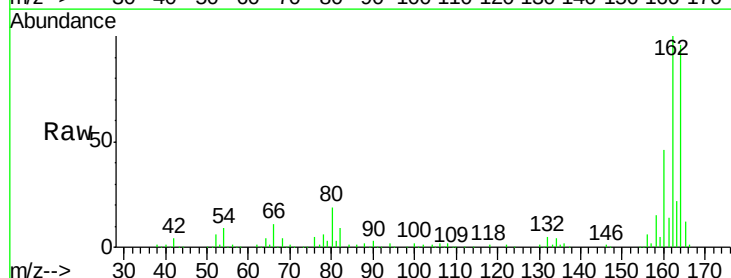


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

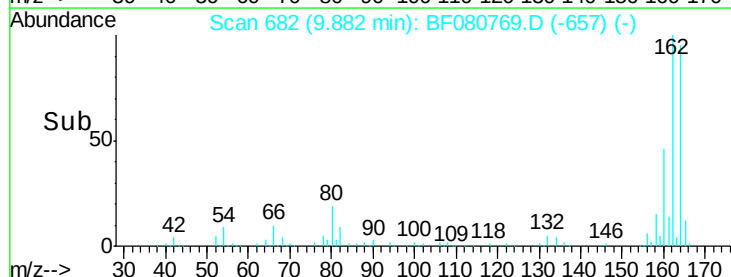
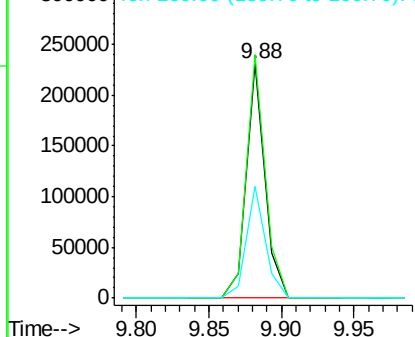


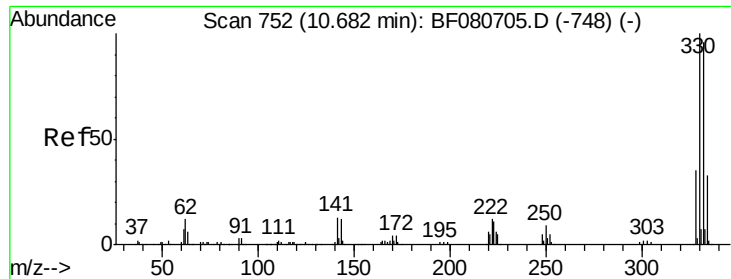
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080769.D
 Acq: 1 Aug 2015 9:13

Tgt Ion: 164 Resp: 206489
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 47.5 38.0 57.0



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

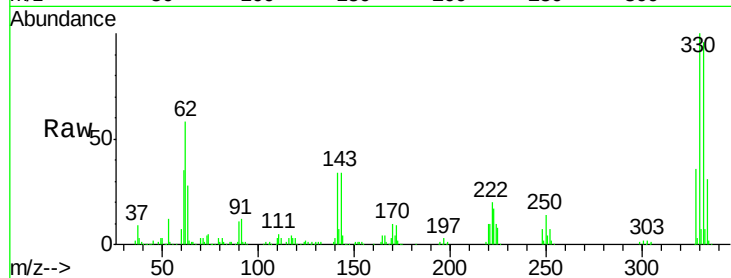




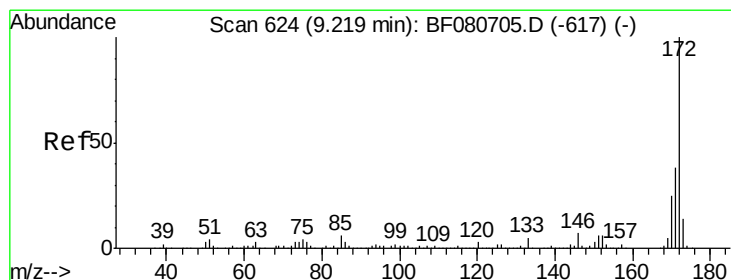
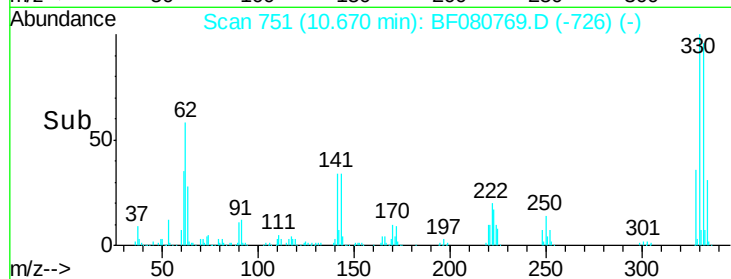
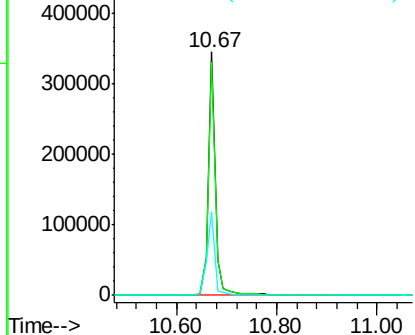
#41
 2,4,6-Tribromophenol
 Concen: 157.00 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080769.D
 Acq: 1 Aug 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	38.2	26.0	39.0

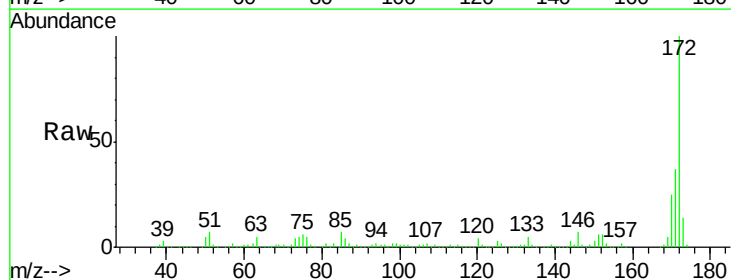


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

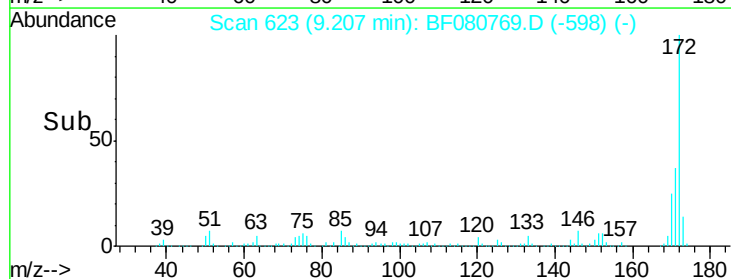
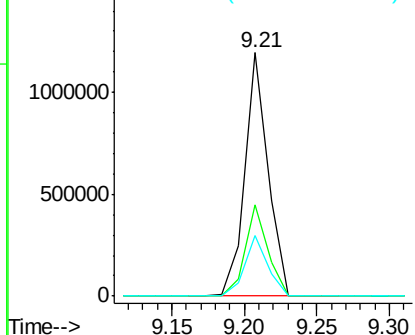


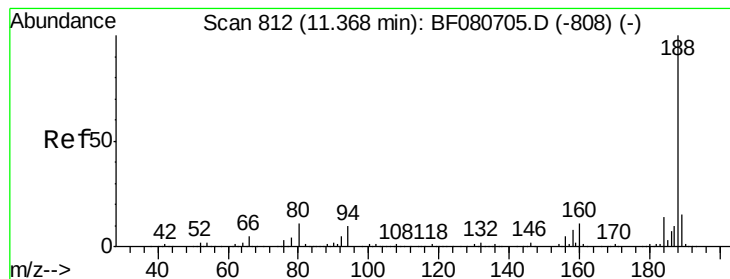
#44
 2-Fluorobiphenyl
 Concen: 95.49 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080769.D
 Acq: 1 Aug 2015 9:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.2	45.4
170	25.0	20.2	30.2



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: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

Instrument :

BNA_F

ClientSampleId :

SOIL-3

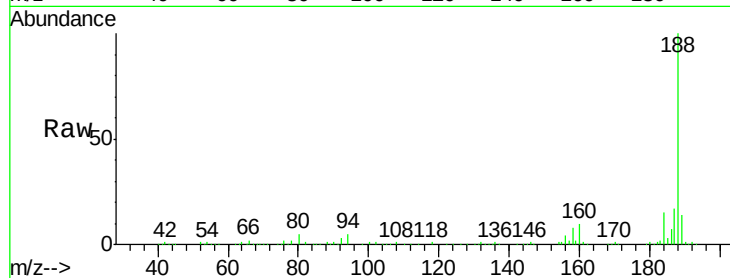
Tgt Ion:188 Resp: 383246

Ion Ratio Lower Upper

188 100

94 5.5 8.1 12.1#

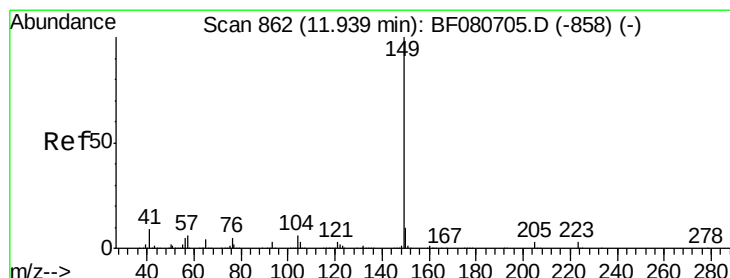
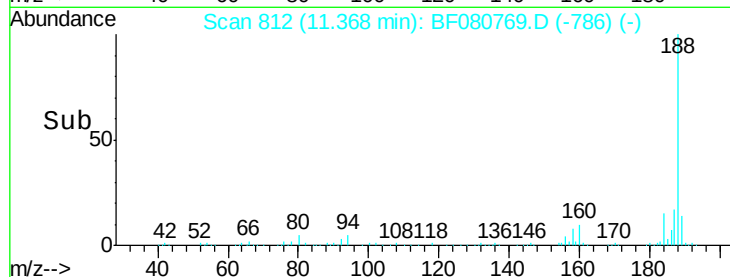
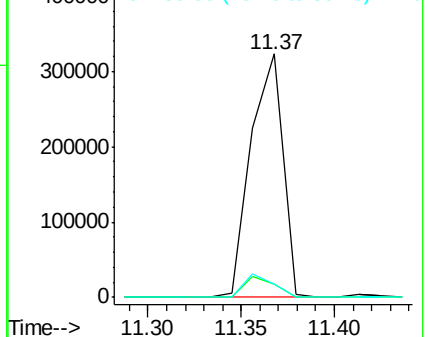
80 5.2 9.1 13.7#



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



#73

Di-n-butylphthalate

Concen: 2.55 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

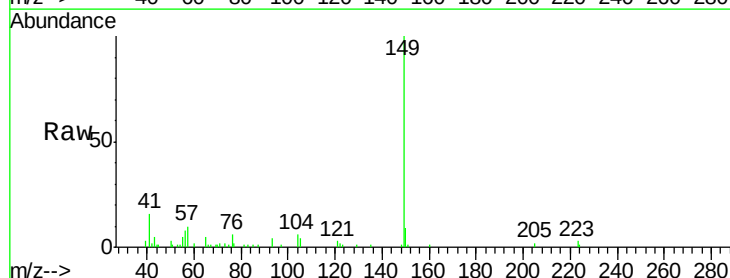
Tgt Ion:149 Resp: 52001

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

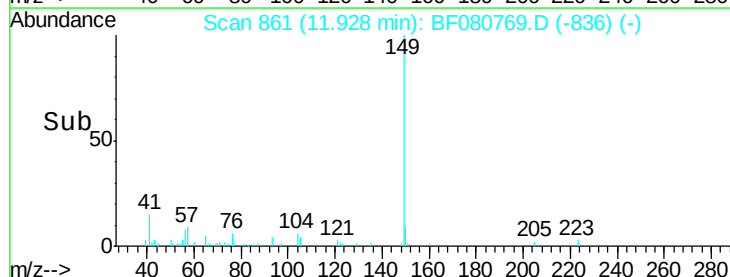
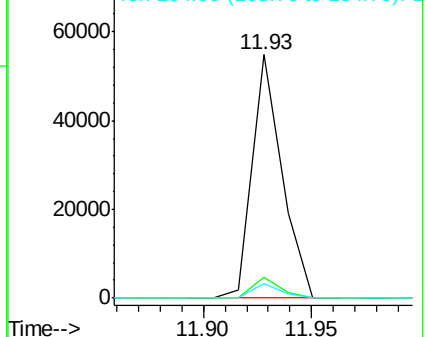
104 6.1 4.4 6.6

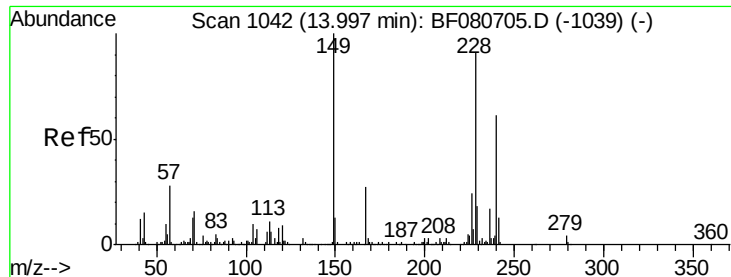


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

Instrument :

BNA_F

ClientSampled :

SOIL-3

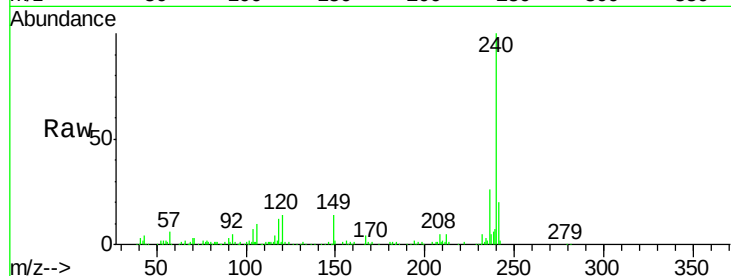
Tgt Ion:240 Resp: 239536

Ion Ratio Lower Upper

240 100

120 14.0 11.8 17.8

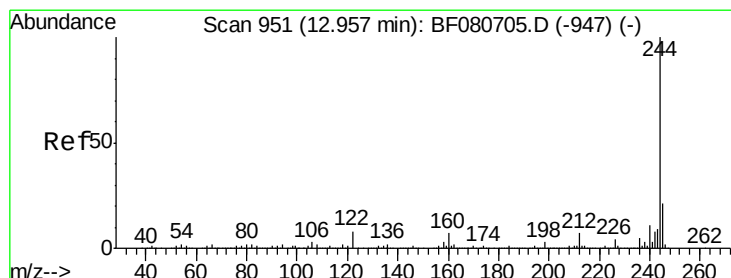
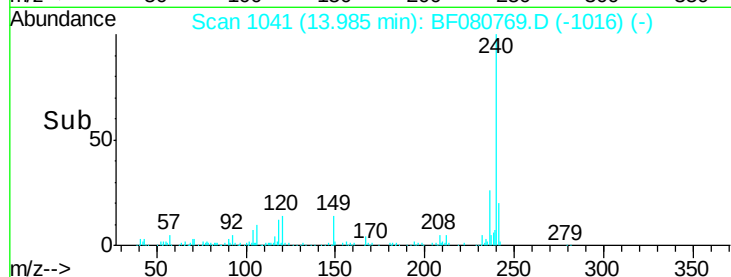
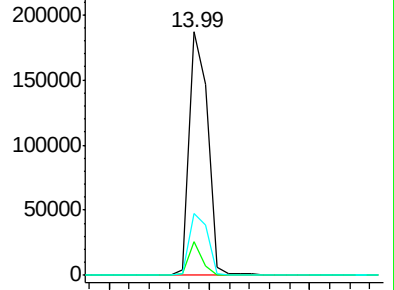
236 25.5 21.8 32.8



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: 106.41 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080769.D

Acq: 1 Aug 2015 9:13

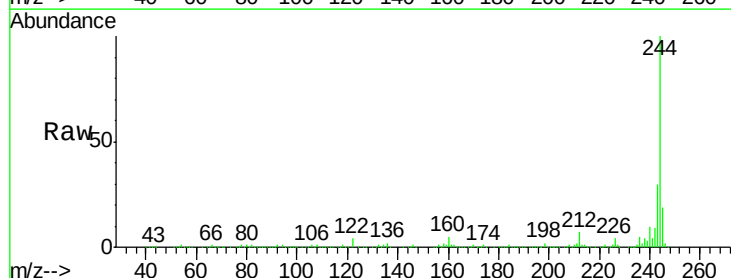
Tgt Ion:244 Resp: 1347690

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

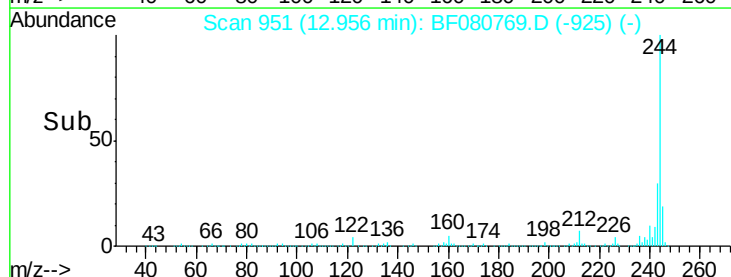
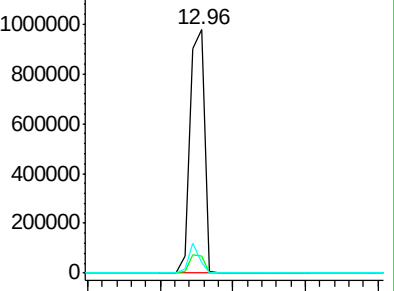
122 4.3 6.6 9.8#

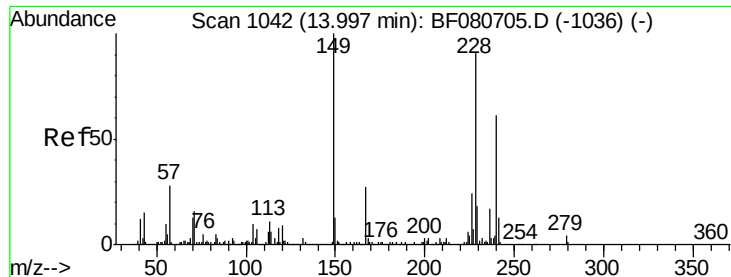


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

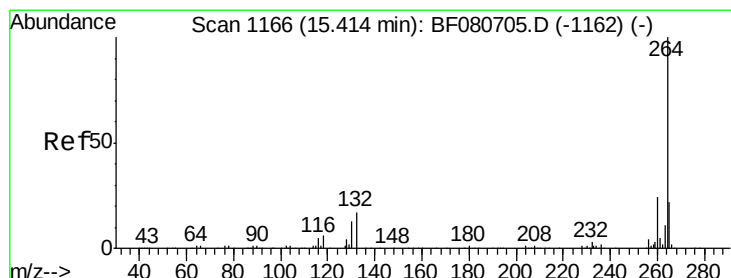
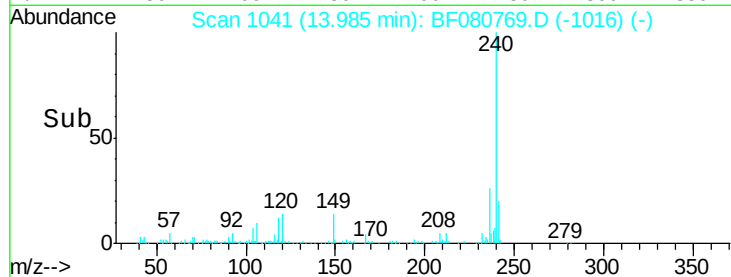
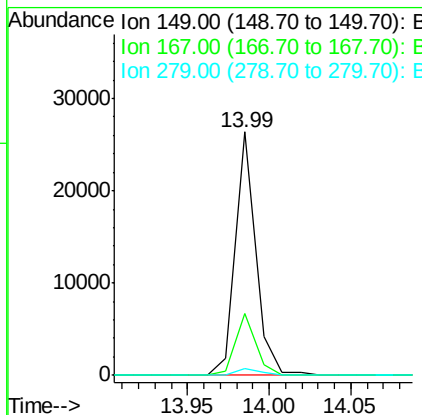
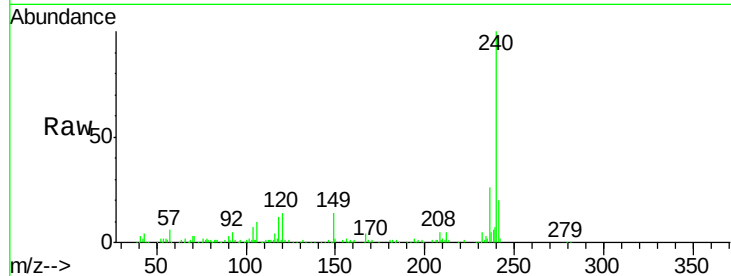




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.46 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080769.D
 Acq: 1 Aug 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-3

Tgt Ion:149 Resp: 22766
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.8 32.8
 279 2.9 3.4 5.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF080769.D
 Acq: 1 Aug 2015 9:13

Tgt Ion:264 Resp: 239753
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.4 29.0
 265 21.2 17.3 25.9

