

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081655.D
 Acq On : 16 Sep 2015 18:37
 Operator : UM/IZ
 Sample : G3654-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(14-16)

Quant Time: Sep 17 02:13:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

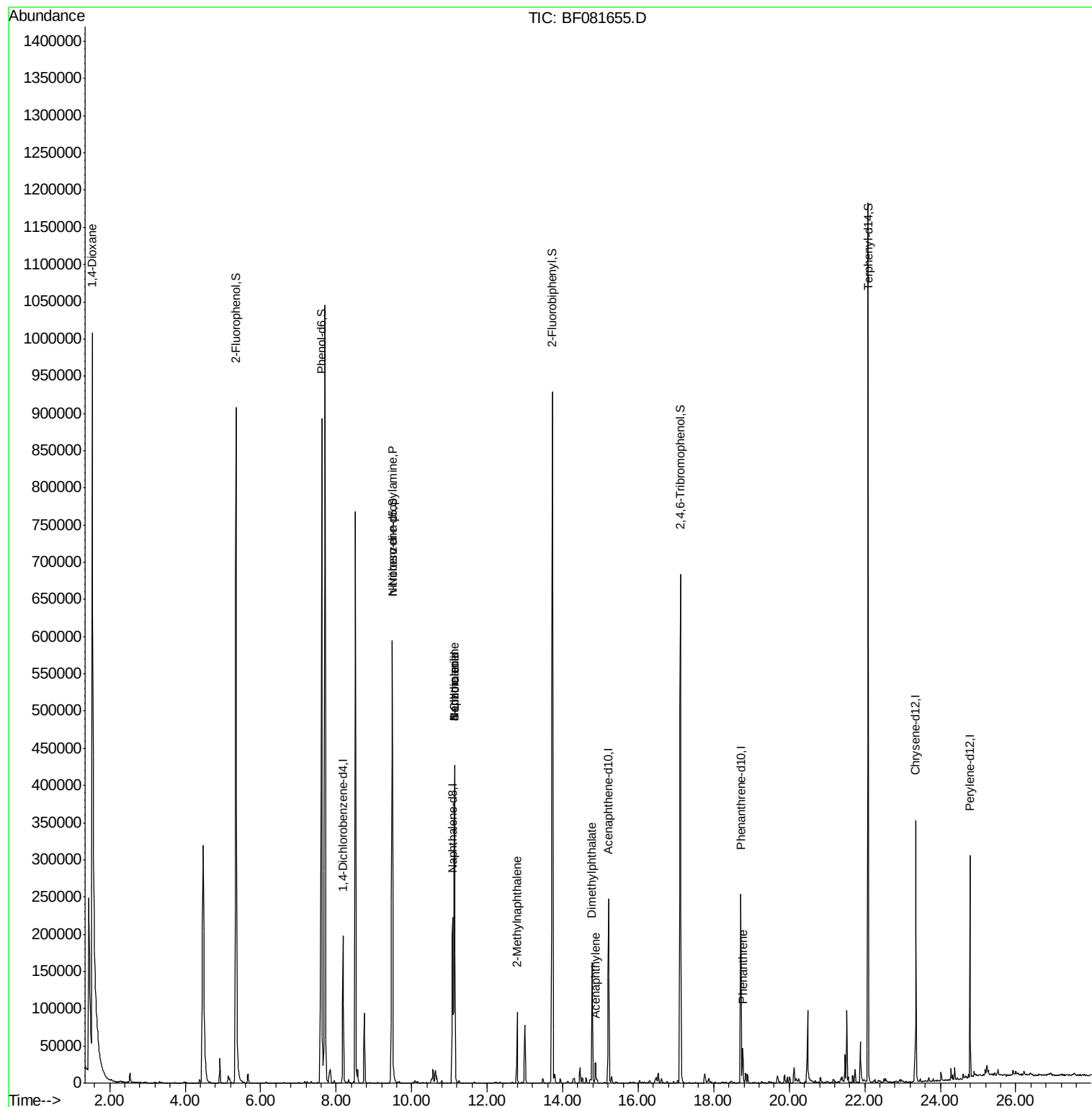
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45862	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	186704	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	88984	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	183798	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	148938	20.00	ng	-0.03
86) Perylene-d12	24.79	264	109231	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	410785	138.97	ng	0.00
7) Phenol-d6	7.61	99	563094	143.91	ng	-0.03
23) Nitrobenzene-d5	9.49	82	374418	96.75	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	118735	149.86	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	591563	85.19	ng	-0.05
78) Terphenyl-d14	22.08	244	544838	85.16	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	59082	44.50	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	49876	18.73	ng	# 66
31) Naphthalene	11.13	128	320288	32.17	ng	99
32) Benzoic acid	11.13	122	597	2.80	ng	# 1
33) 4-Chloroaniline	11.13	127	41240	10.15	ng	# 38
37) 2-Methylnaphthalene	12.79	142	50370	7.77	ng	# 88
48) Acenaphthylene	14.87	152	26562	2.53	ng	# 95
49) Dimethylphthalate	14.78	163	119539	17.29	ng	# 98
70) Phenanthrene	18.77	178	34816	3.41	ng	98

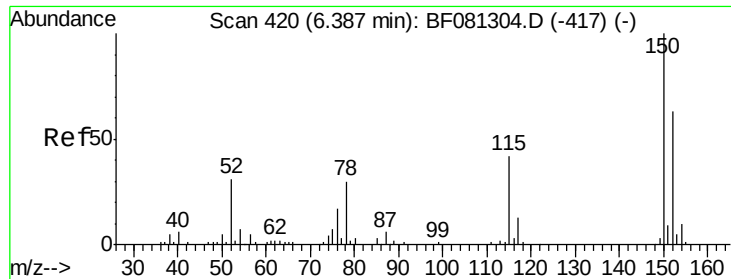
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MGP204(14-16)

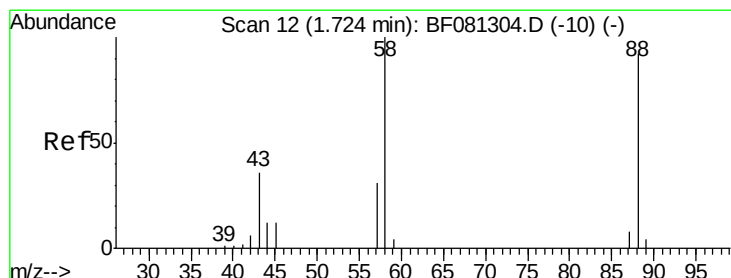
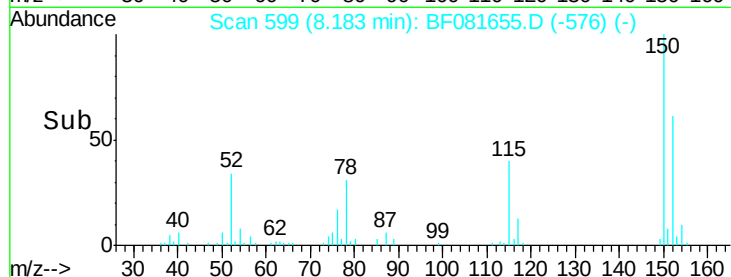
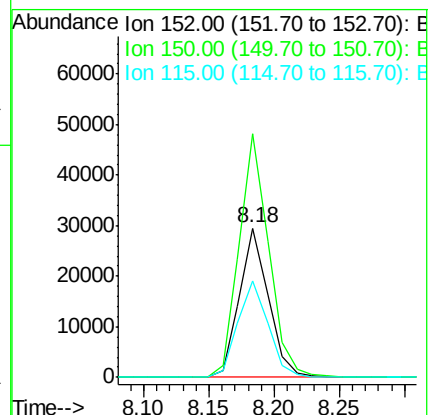
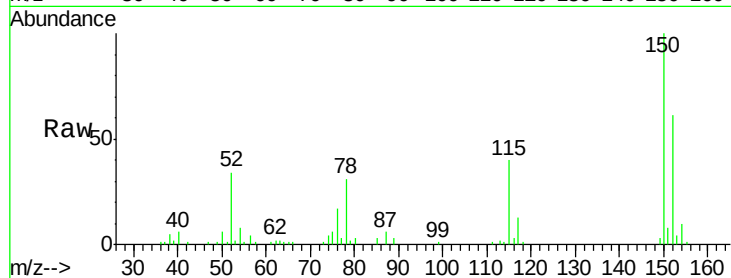
Tgt Ion:152 Resp: 45862

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

115 64.9 39.0 58.4#



#2

1,4-Dioxane

Concen: 44.50 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

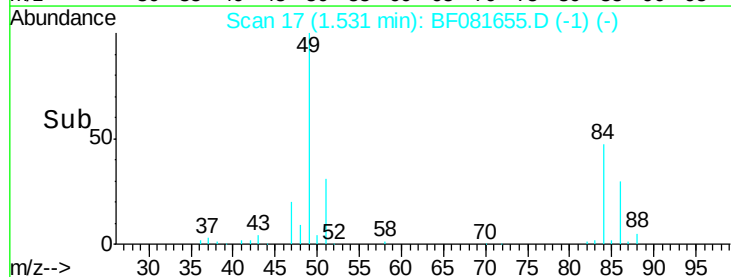
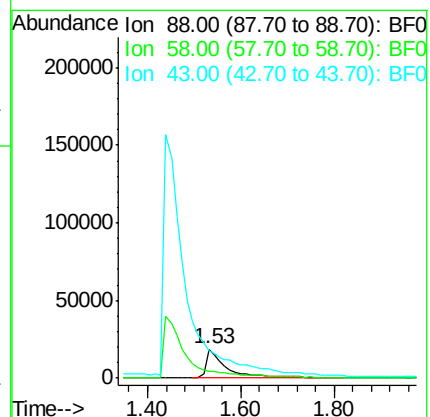
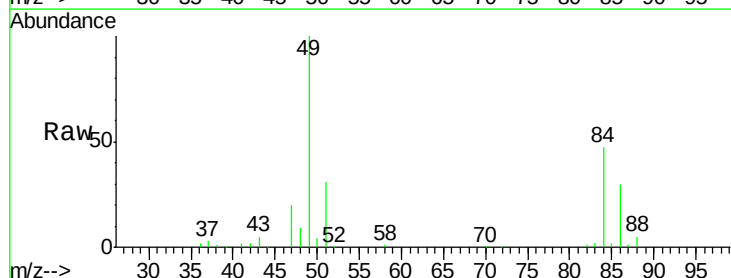
Tgt Ion: 88 Resp: 59082

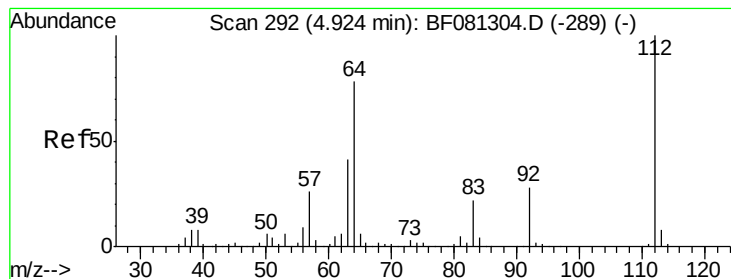
Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 138.97 ng

RT: 5.35 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MGP204(14-16)

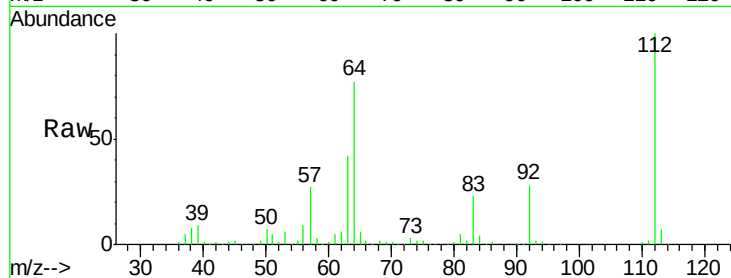
Tgt Ion: 112 Resp: 410785

Ion Ratio Lower Upper

112 100

64 76.6 39.7 59.5#

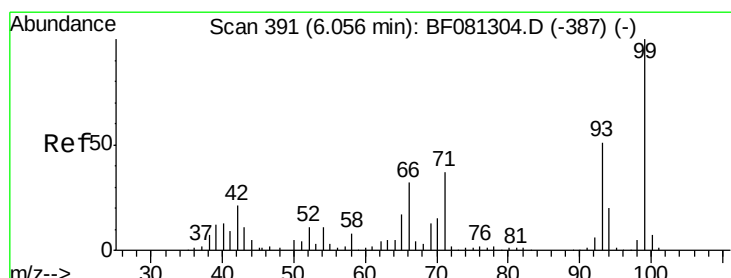
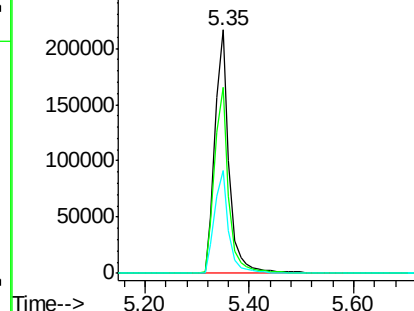
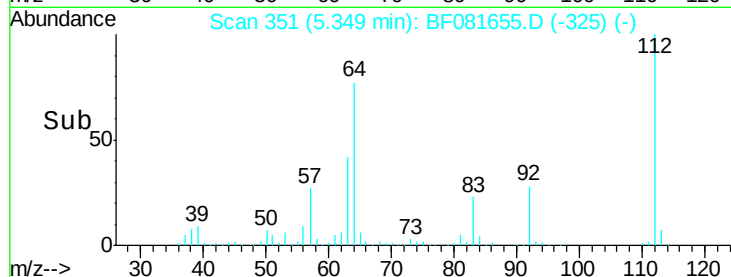
63 42.5 17.4 26.0#



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: 143.91 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

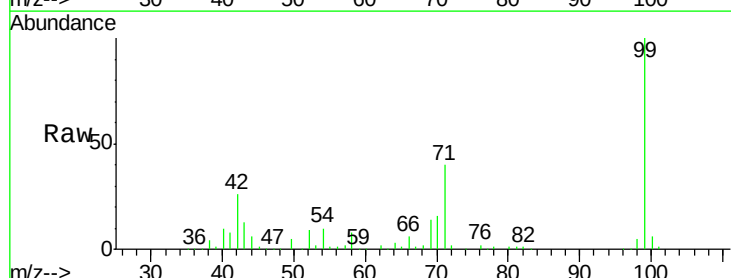
Tgt Ion: 99 Resp: 563094

Ion Ratio Lower Upper

99 100

42 25.5 13.7 20.5#

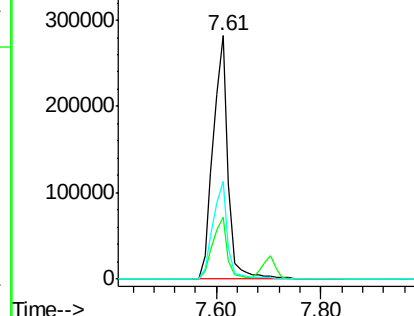
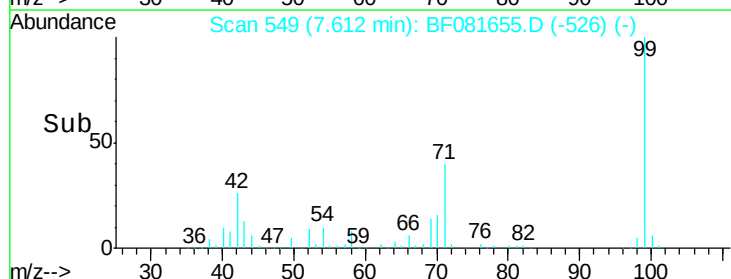
71 40.2 14.2 21.2#

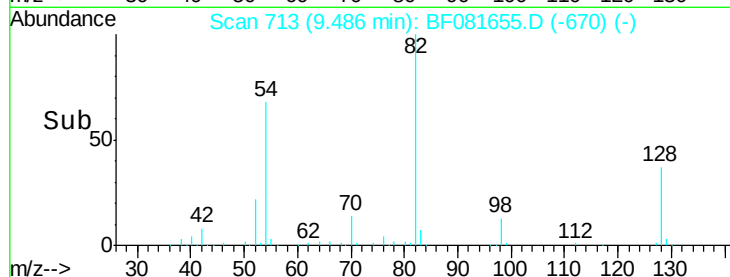
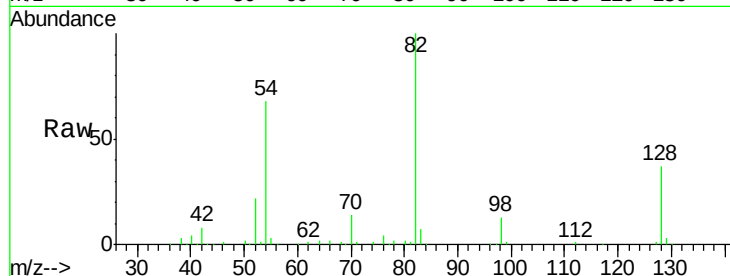
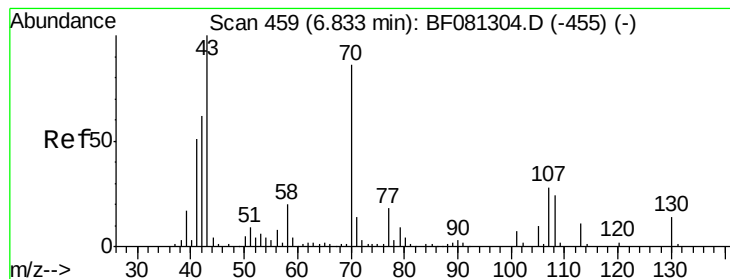


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.73 ng

RT: 9.49 min Scan# 713

Delta R.T. 0.19 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MGP204(14-16)

Tgt Ion: 70 Resp: 49876

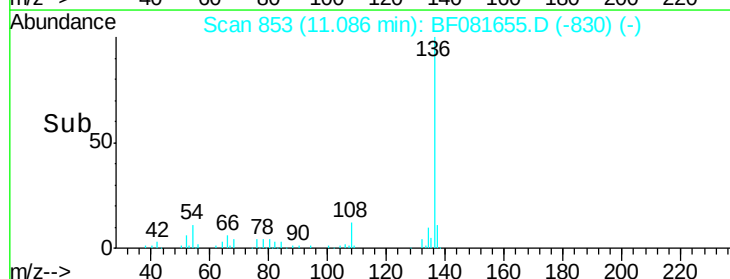
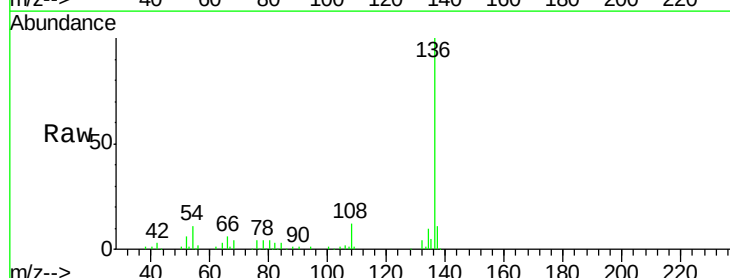
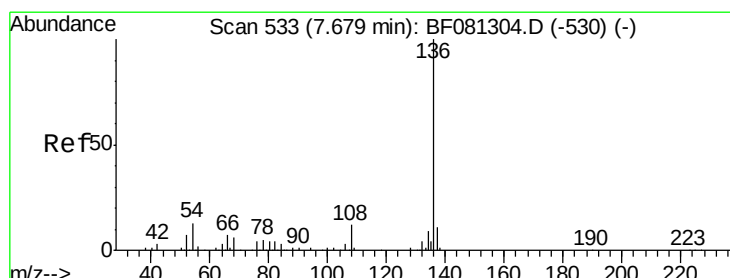
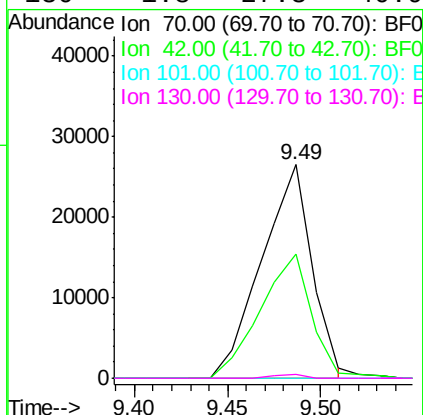
Ion Ratio Lower Upper

70 100

42 58.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

Tgt Ion: 136 Resp: 186704

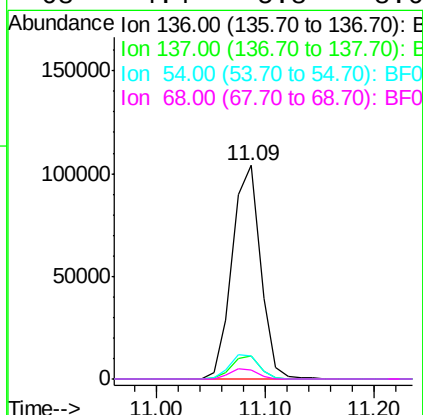
Ion Ratio Lower Upper

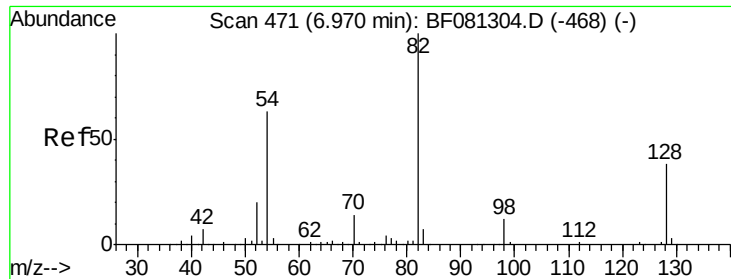
136 100

137 10.9 9.0 13.6

54 11.1 8.2 12.2

68 4.4 5.8 8.6#

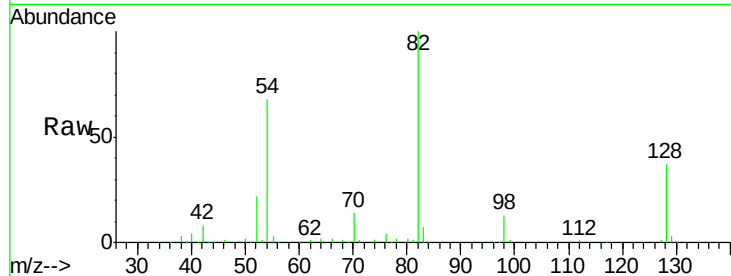




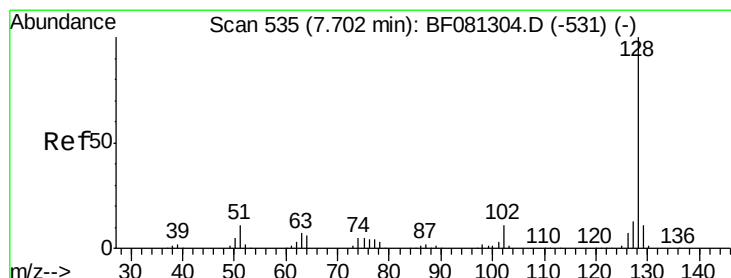
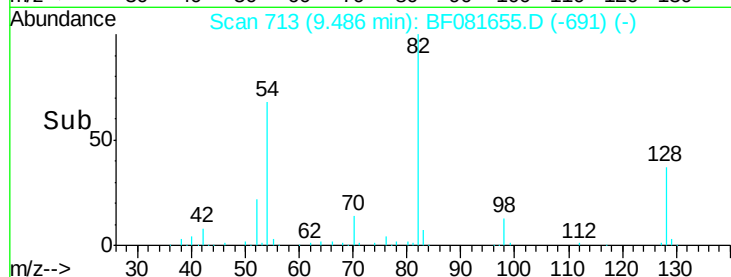
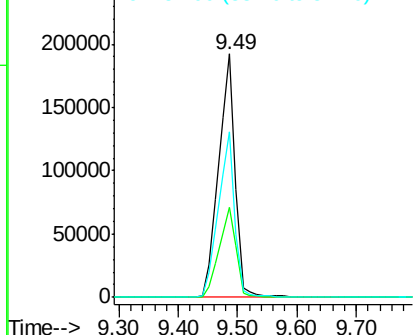
#23
 Nitrobenzene-d5
 Concen: 96.75 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MGP204(14-16)

Tgt Ion: 82 Resp: 374418
 Ion Ratio Lower Upper
 82 100
 128 37.1 51.0 76.6#
 54 67.9 47.5 71.3

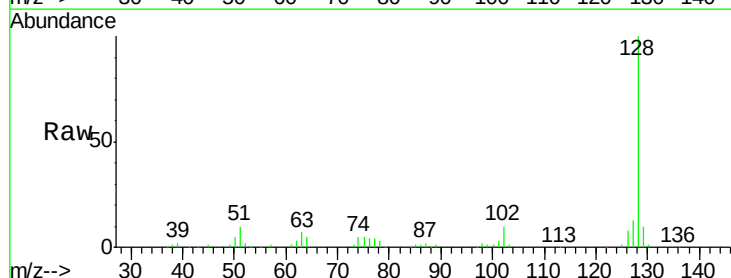


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

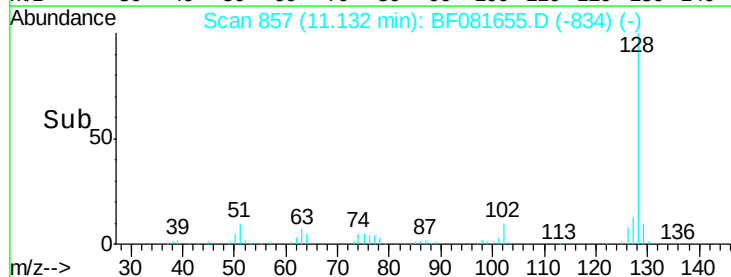
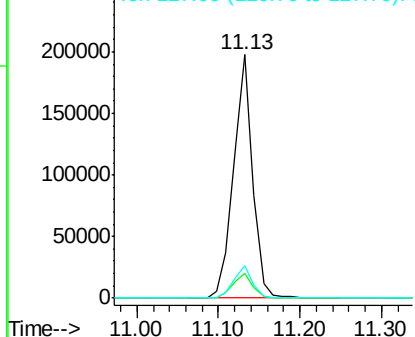


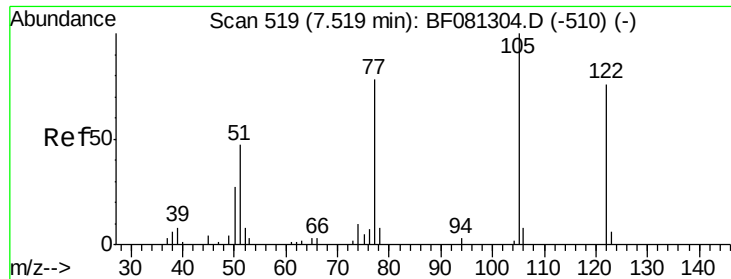
#31
 Naphthalene
 Concen: 32.17 ng
 RT: 11.13 min Scan# 857
 Delta R.T. -0.03 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

Tgt Ion: 128 Resp: 320288
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.4 12.6
 127 13.1 9.9 14.9



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

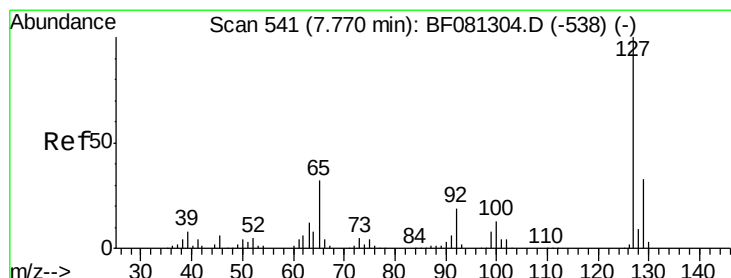
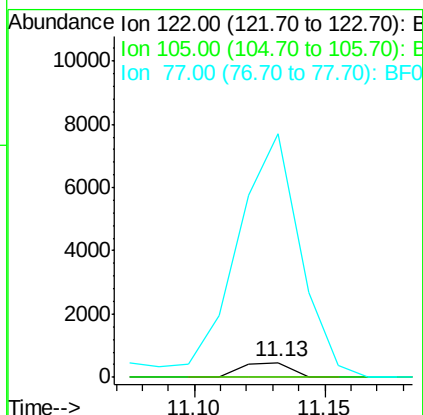
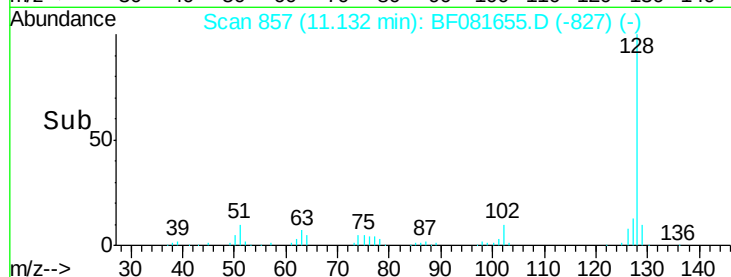
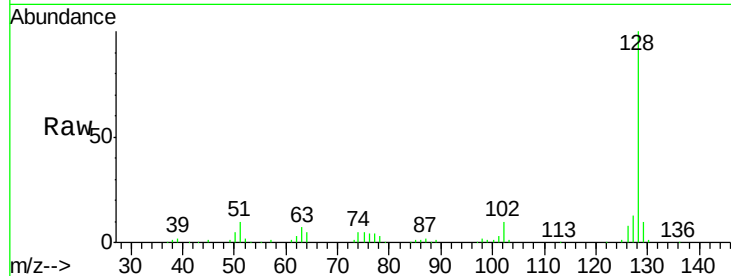




#32
Benzoic acid
Concen: 2.80 ng
RT: 11.13 min Scan# 857
Delta R.T. 0.05 min
Lab File: BF081655.D
Acq: 16 Sep 2015 18:37

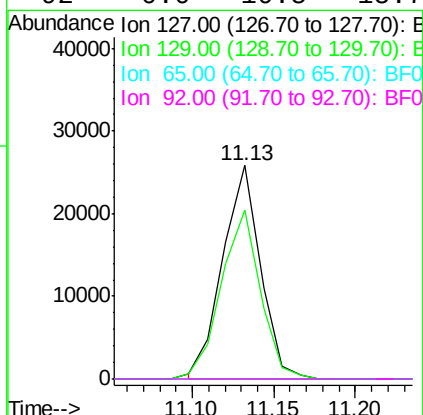
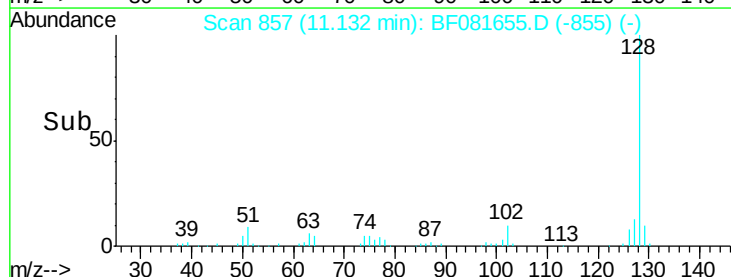
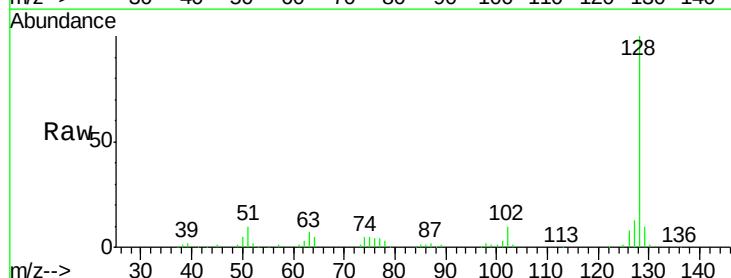
Instrument :
BNA_F
ClientSampleId :
MGP204(14-16)

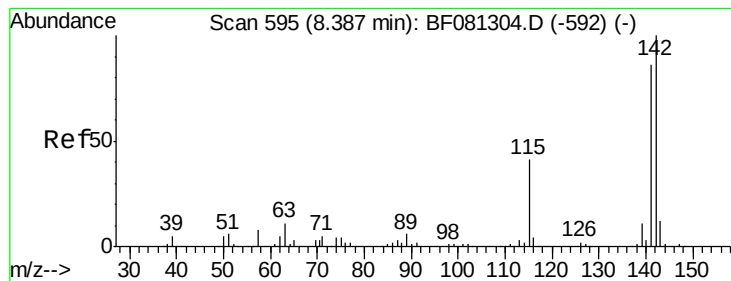
Tgt Ion:122 Resp: 597
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 1659.1 40.5 80.5#



#33
4-Chloroaniline
Concen: 10.15 ng
RT: 11.13 min Scan# 857
Delta R.T. -0.27 min
Lab File: BF081655.D
Acq: 16 Sep 2015 18:37

Tgt Ion:127 Resp: 41240
Ion Ratio Lower Upper
127 100
129 79.3 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#





#37

2-Methylnaphthalene

Concen: 7.77 ng

RT: 12.79 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MGP204(14-16)

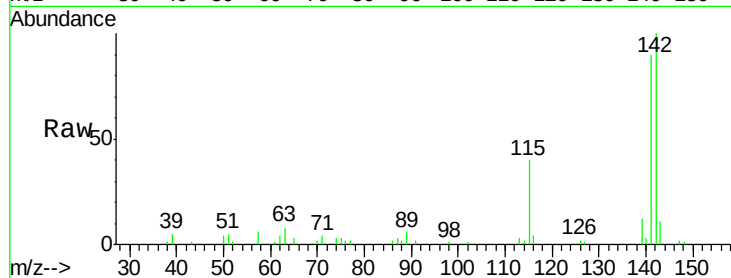
Tgt Ion:142 Resp: 50370

Ion Ratio Lower Upper

142 100

141 89.8 67.5 101.3

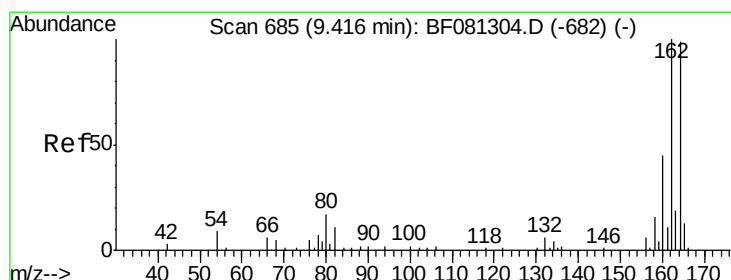
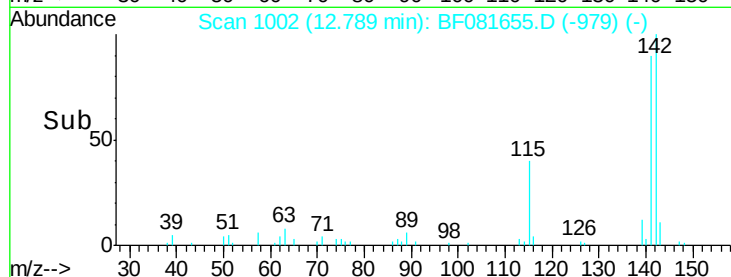
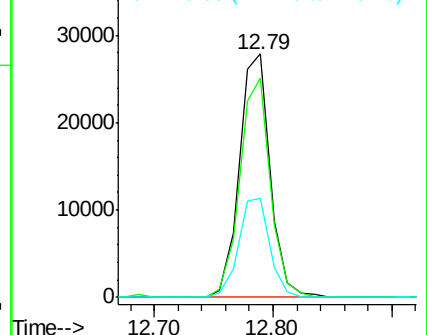
115 40.4 18.2 27.2#



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: 15.21 min Scan# 1214

Delta R.T. -0.05 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

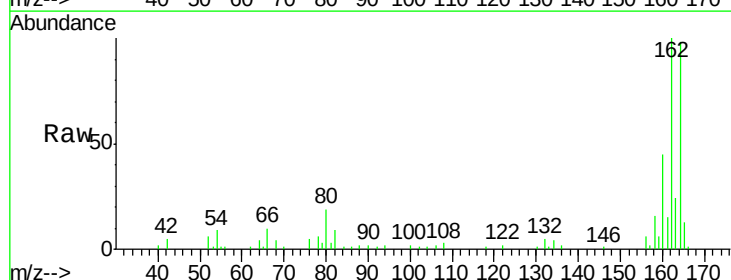
Tgt Ion:164 Resp: 88984

Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

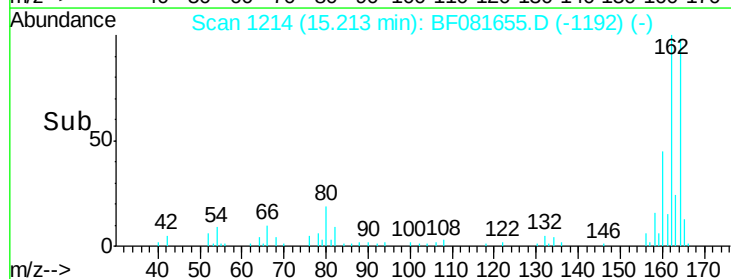
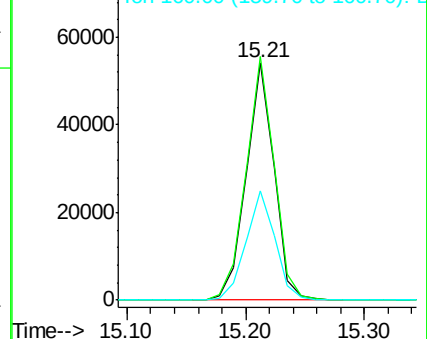
160 46.0 31.5 47.3

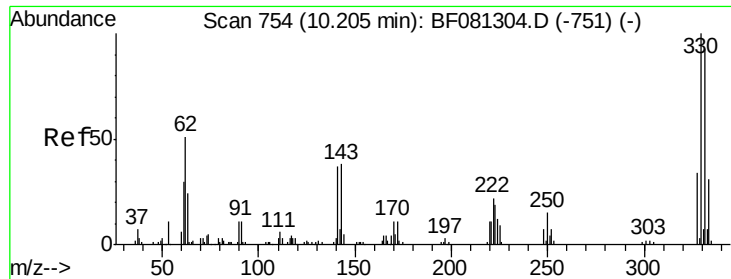


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

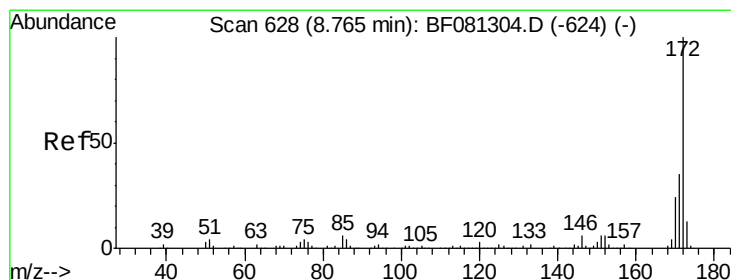
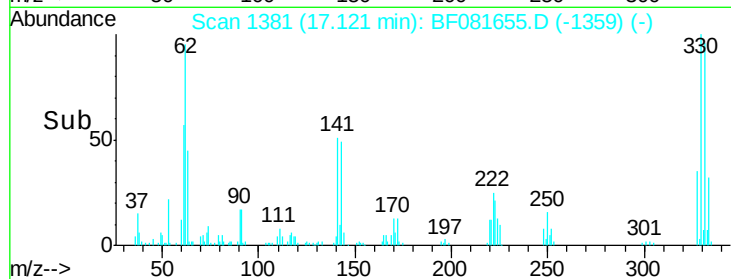
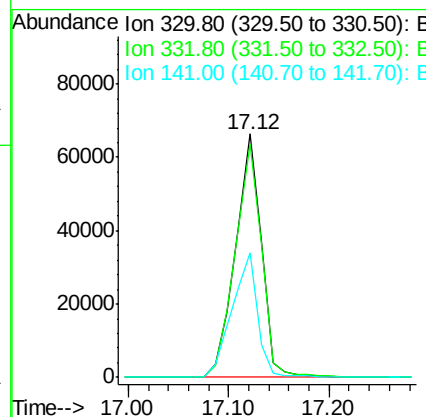
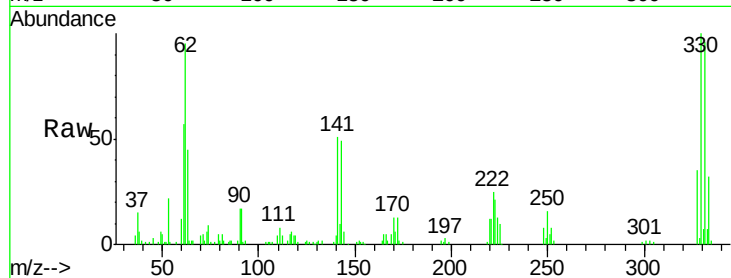




#41
 2,4,6-Tribromophenol
 Concen: 149.86 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

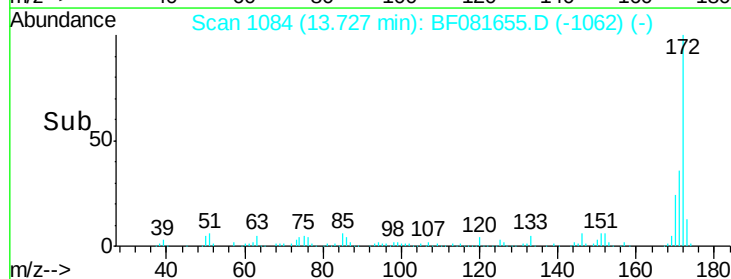
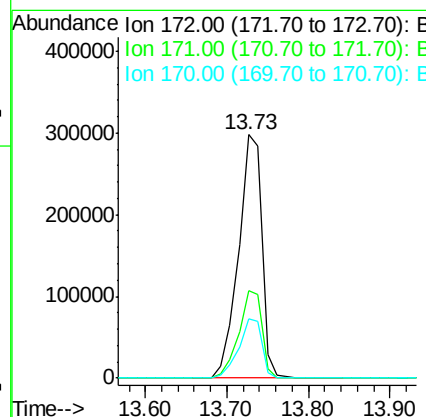
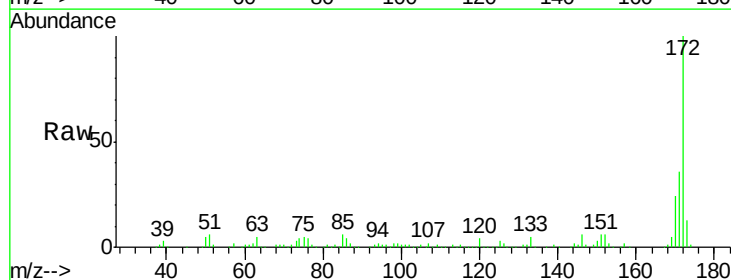
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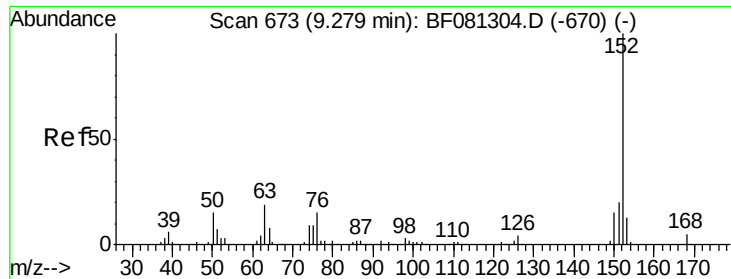
Tgt Ion:330 Resp: 118735
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 50.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 85.19 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

Tgt Ion:172 Resp: 591563
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.3 17.4 26.2





#48

Acenaphthylene

Concen: 2.53 ng

RT: 14.87 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

Instrument :

BNA_F

ClientSampleId :

MGP204(14-16)

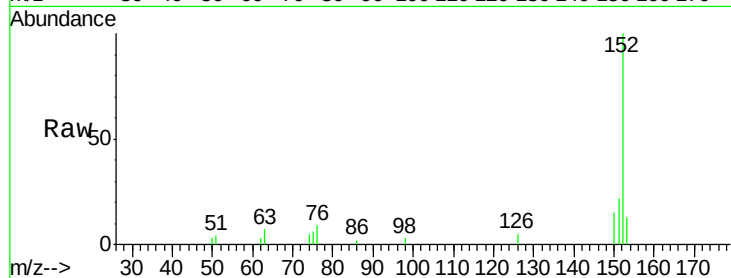
Tgt Ion:152 Resp: 26562

Ion Ratio Lower Upper

152 100

151 22.0 14.6 22.0#

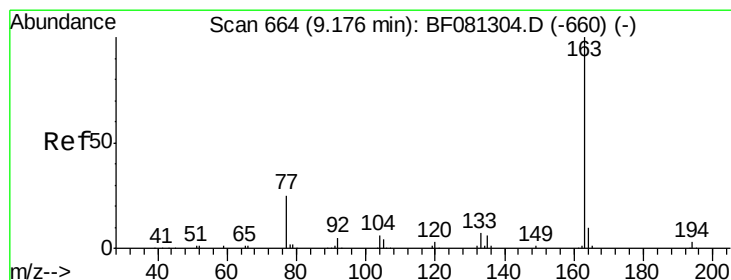
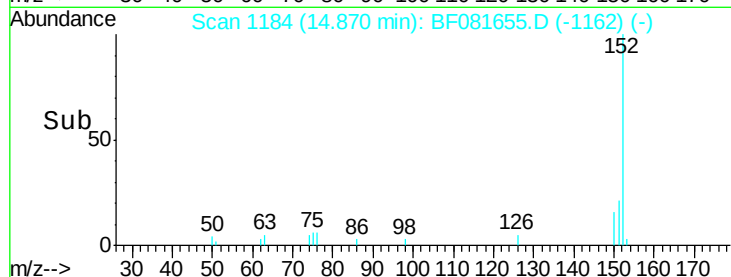
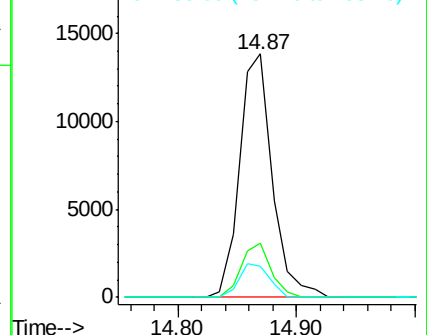
153 12.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 17.29 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081655.D

Acq: 16 Sep 2015 18:37

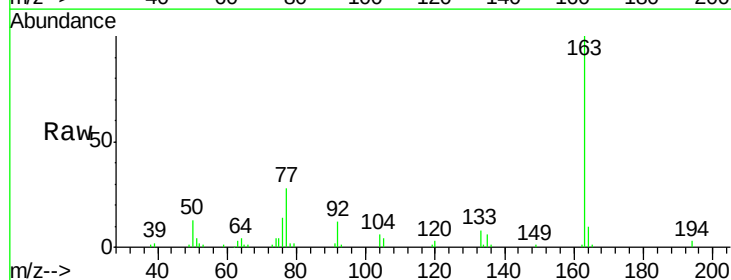
Tgt Ion:163 Resp: 119539

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

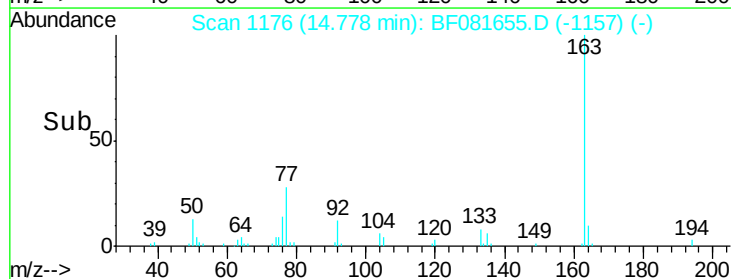
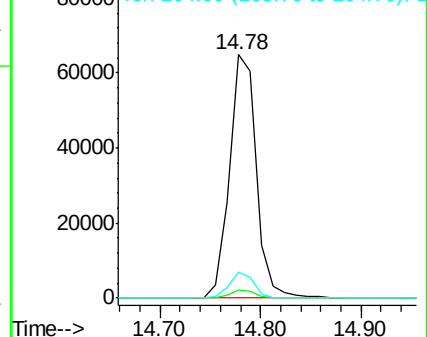
164 10.5 8.3 12.5

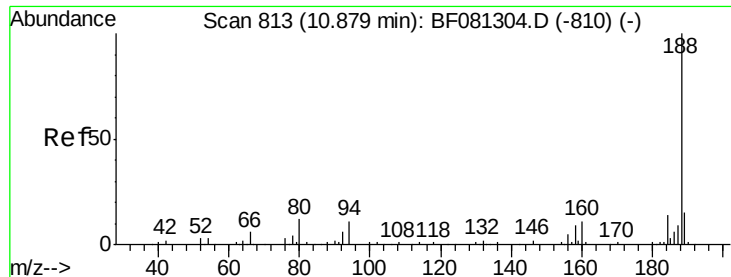


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

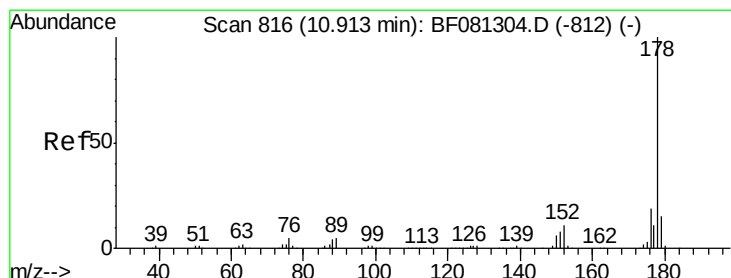
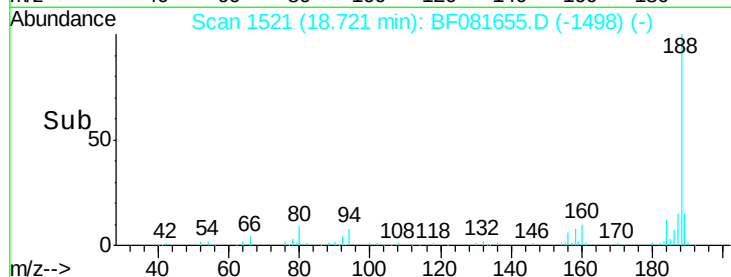
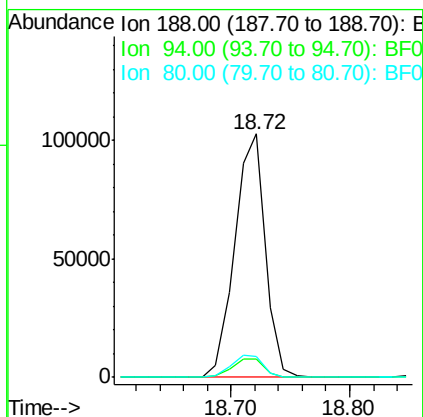
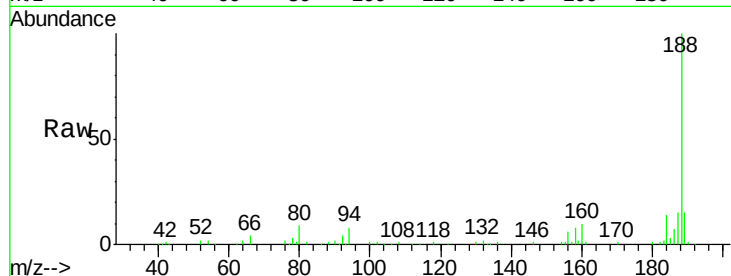




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.72 min Scan# 1521
 Delta R.T. -0.03 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

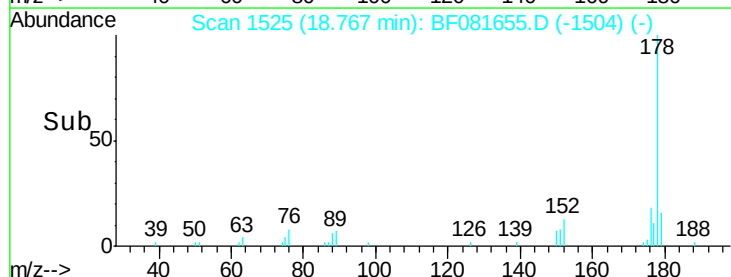
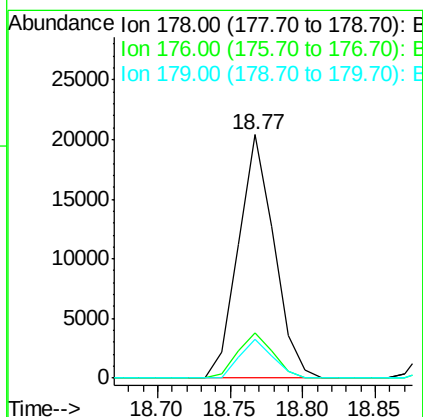
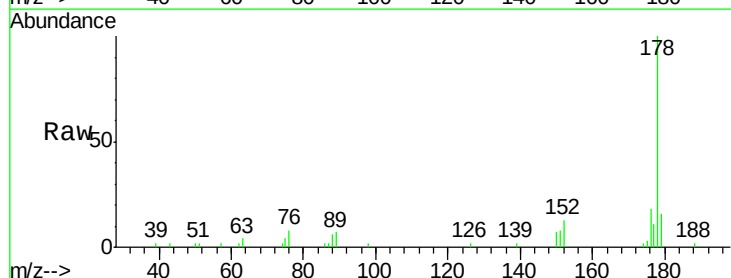
Instrument :
 BNA_F
 ClientSampleId :
 MGP204(14-16)

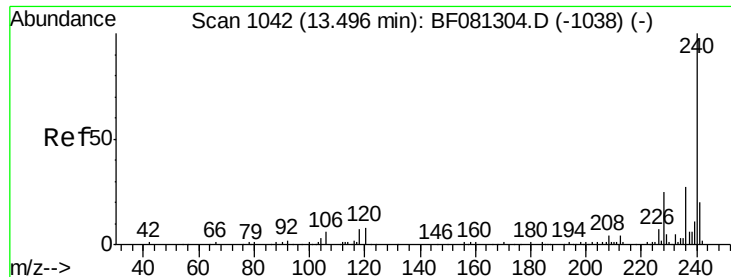
Tgt Ion:188 Resp: 183798
 Ion Ratio Lower Upper
 188 100
 94 7.7 11.1 16.7#
 80 8.8 11.0 16.4#



#70
 Phenanthrene
 Concen: 3.41 ng
 RT: 18.77 min Scan# 1525
 Delta R.T. -0.06 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

Tgt Ion:178 Resp: 34816
 Ion Ratio Lower Upper
 178 100
 176 18.3 13.8 20.8
 179 16.0 12.2 18.2

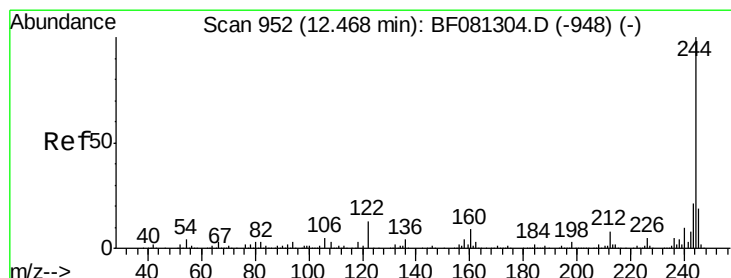
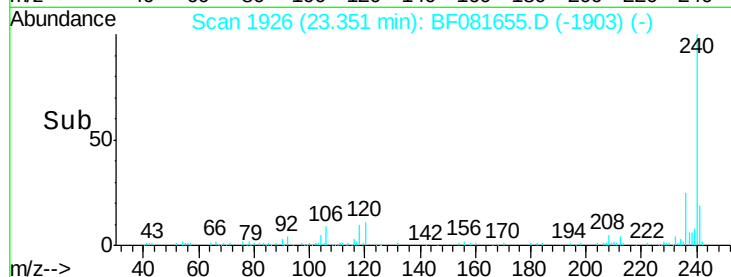
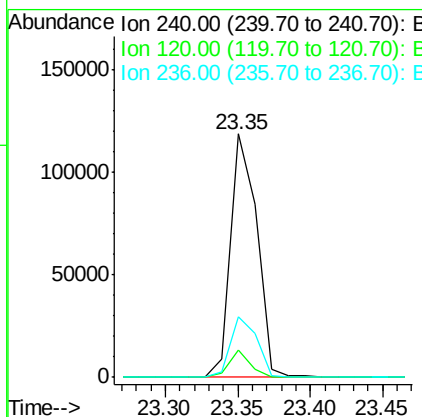
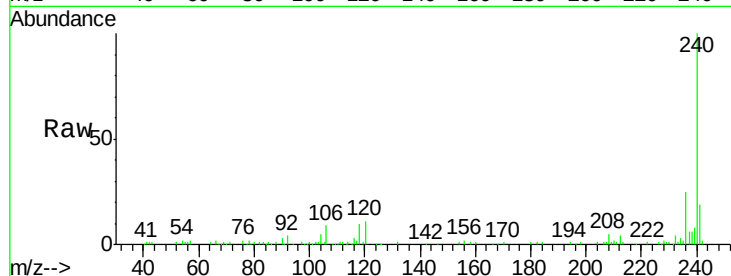




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1926
 Delta R.T. -0.03 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

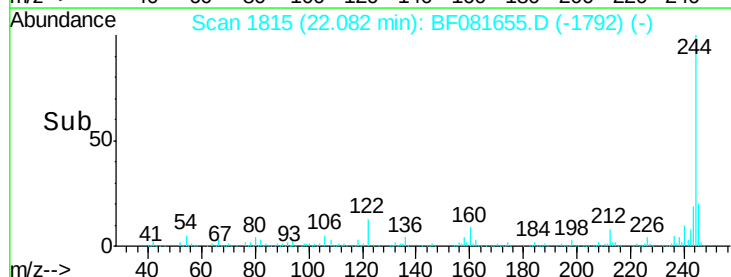
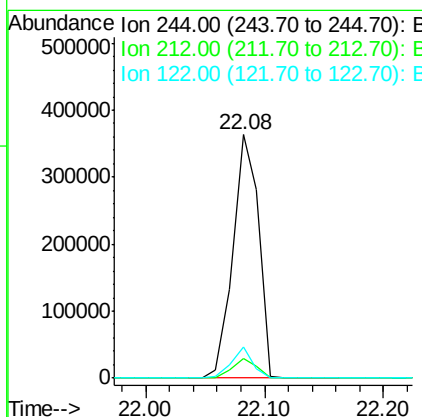
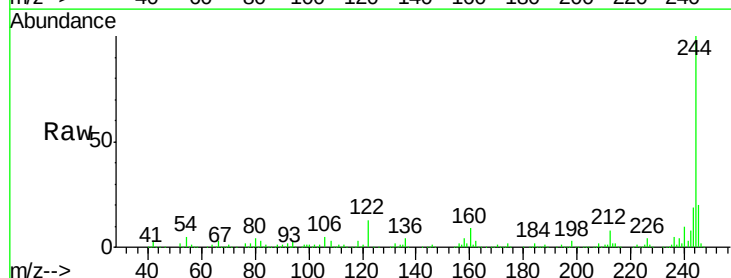
Instrument :
 BNA_F
 ClientSampleId :
 MGP204(14-16)

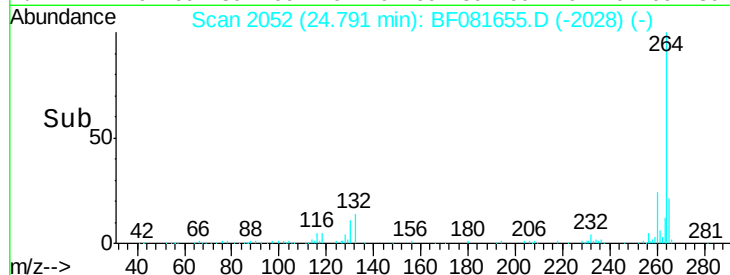
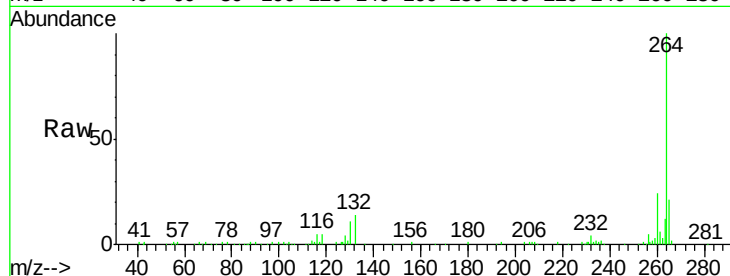
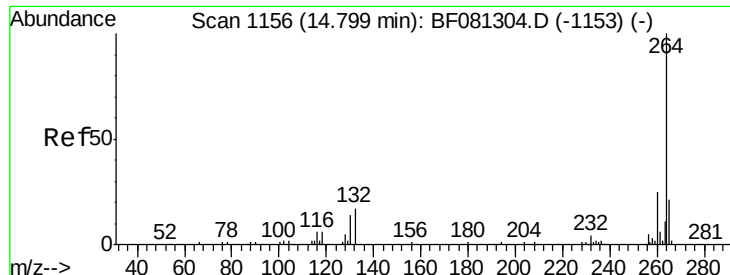
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	16.2	24.2#
236	25.1	18.4	27.6



#78
 Terphenyl-d14
 Concen: 85.16 ng
 RT: 22.08 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF081655.D
 Acq: 16 Sep 2015 18:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.8	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081655.D
Acq: 16 Sep 2015 18:37

Instrument :
BNA_F
ClientSampleId :
MGP204(14-16)

Tgt Ion:	264	Resp:	109231
Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	20.7	17.2	25.8

