

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081659.D
 Acq On : 16 Sep 2015 21:04
 Operator : UM/IZ
 Sample : G3654-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP203(27-29)

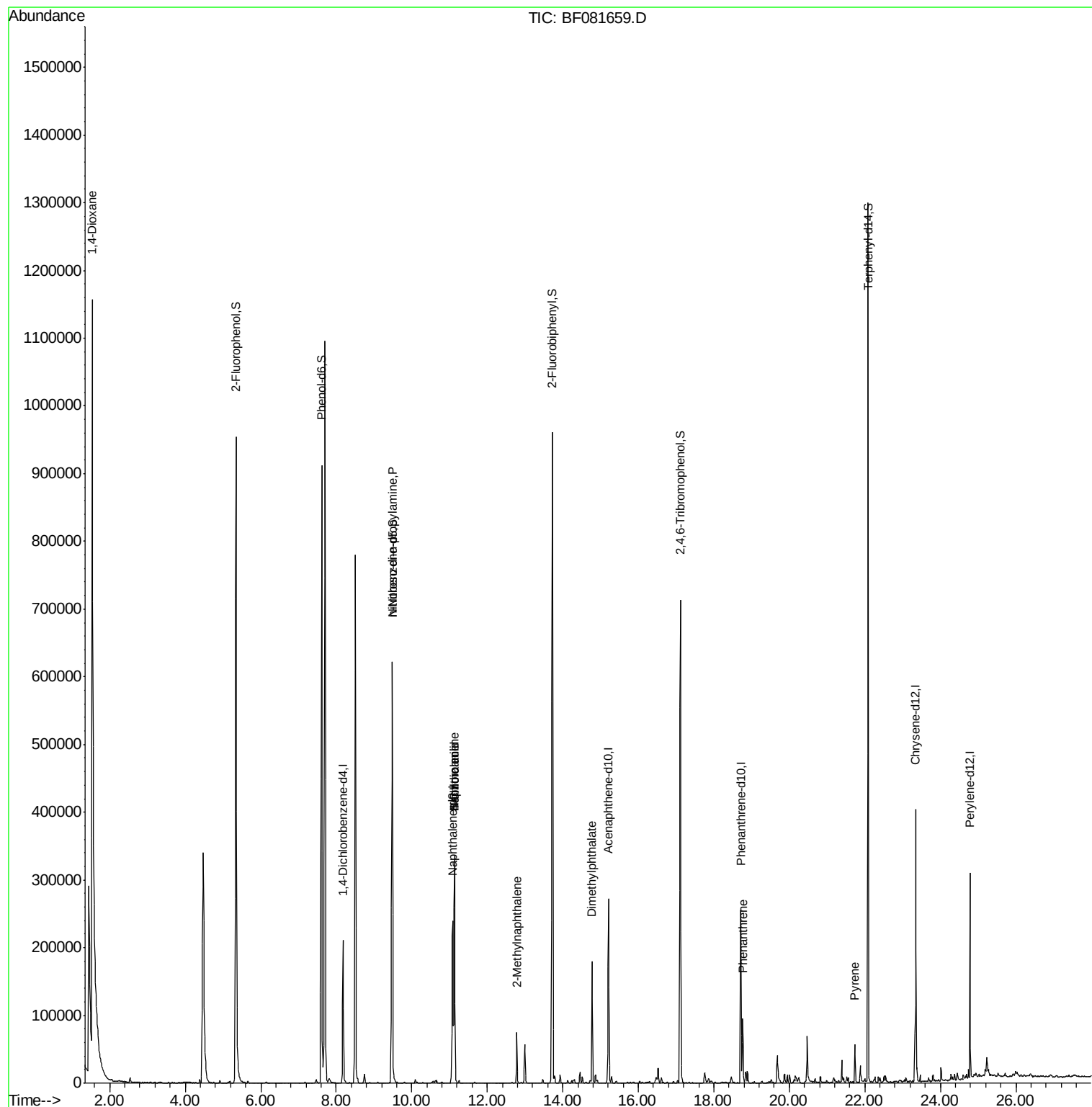
Quant Time: Sep 17 02:14:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

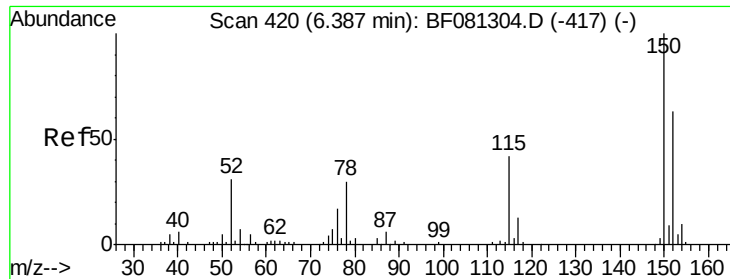
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50848	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	201116	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	97401	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	194206	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	156416	20.00	ng	-0.03
86) Perylene-d12	24.79	264	117208	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	434500	132.58	ng	0.00
7) Phenol-d6	7.61	99	601754	138.71	ng	-0.03
23) Nitrobenzene-d5	9.49	82	386779	92.79	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	129507	149.33	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	643770	84.70	ng	-0.05
78) Terphenyl-d14	22.08	244	607993	90.48	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	67331	45.74	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	52668	17.84	ng	# 67
31) Naphthalene	11.13	128	259137	24.16	ng	98
32) Benzoic acid	11.13	122	518	2.75	ng	# 1
33) 4-Chloroaniline	11.13	127	33549	7.67	ng	# 36
37) 2-Methylnaphthalene	12.78	142	39447	5.65	ng	# 87
49) Dimethylphthalate	14.78	163	125247	16.55	ng	# 97
70) Phenanthrene	18.77	178	67173	6.22	ng	97
77) Pyrene	21.74	202	36581	3.16	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: BF081659.D

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BNA_F

ClientSampleId :

MGP203(27-29)

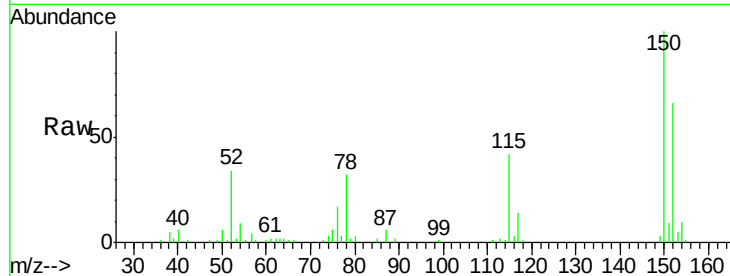
Tgt Ion:152 Resp: 50848

Ion Ratio Lower Upper

152 100

150 151.4 124.7 187.1

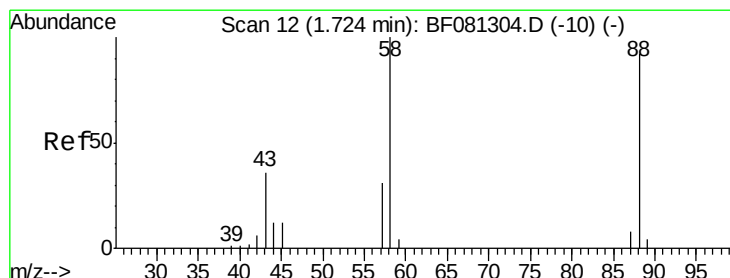
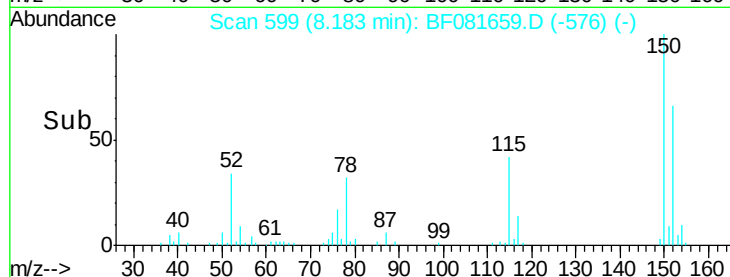
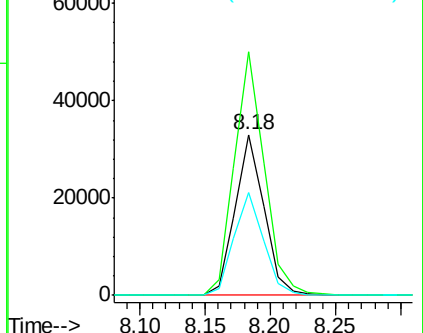
115 64.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 45.74 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081659.D

Acq: 16 Sep 2015 21:04

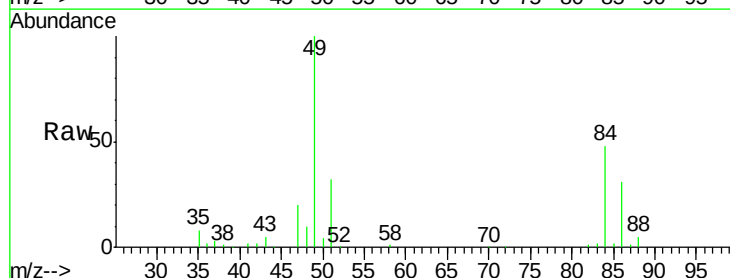
Tgt Ion: 88 Resp: 67331

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

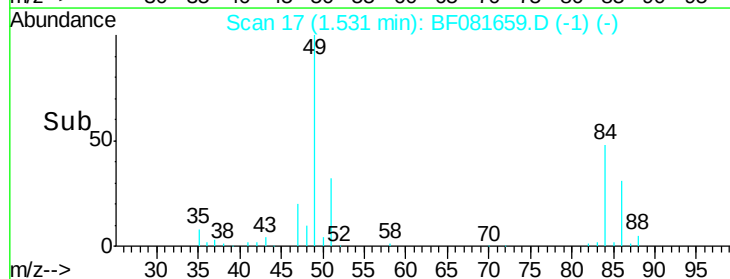
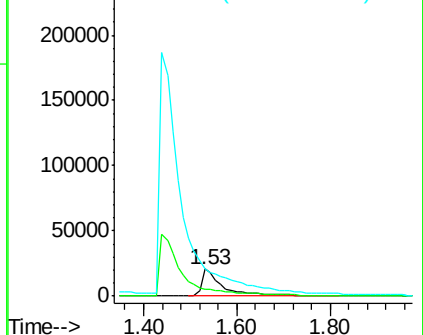
43 0.0 26.6 40.0#

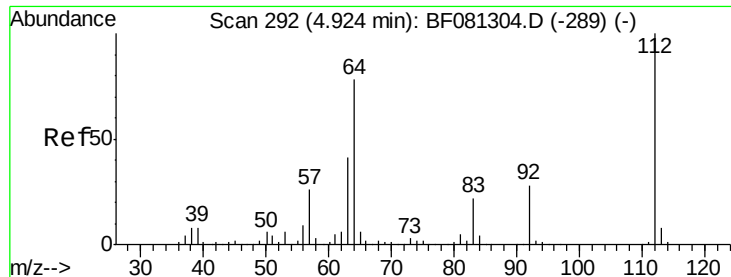


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 132.58 ng

RT: 5.35 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF081659.D

Acq: 16 Sep 2015 21:04

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BNA_F

ClientSampleId :

MGP203(27-29)

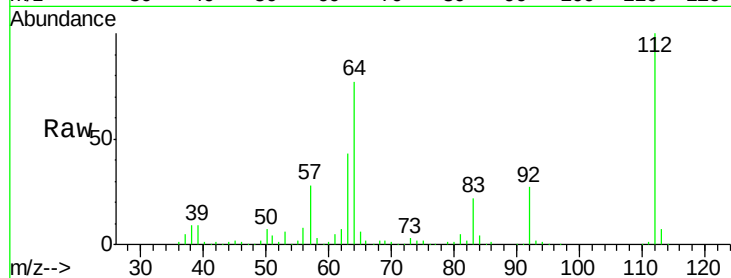
Tgt Ion:112 Resp: 434500

Ion Ratio Lower Upper

112 100

64 76.5 39.7 59.5#

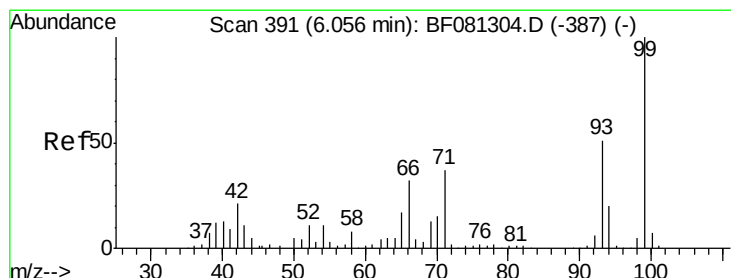
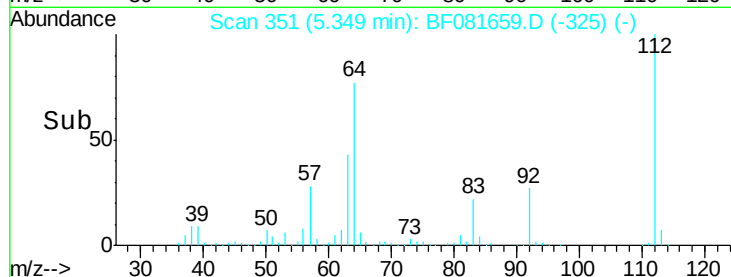
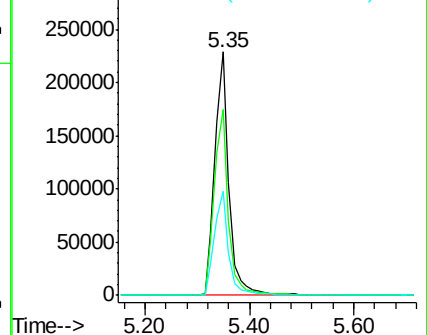
63 42.5 17.4 26.0#



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: 138.71 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081659.D

Acq: 16 Sep 2015 21:04

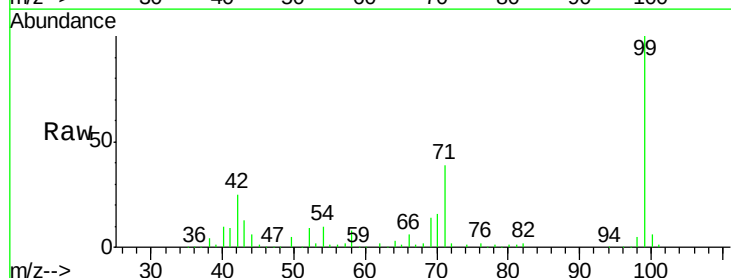
Tgt Ion: 99 Resp: 601754

Ion Ratio Lower Upper

99 100

42 25.2 13.7 20.5#

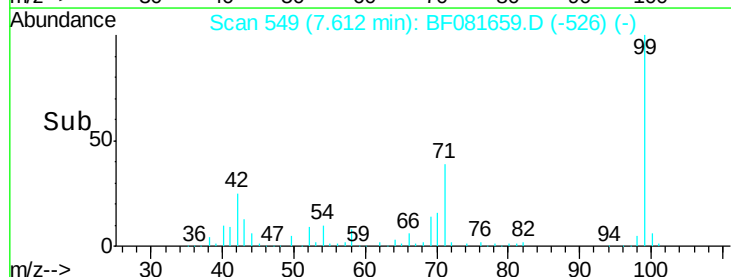
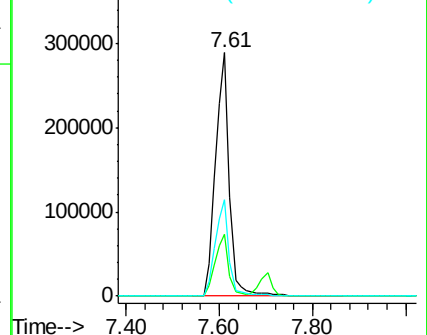
71 39.5 14.2 21.2#

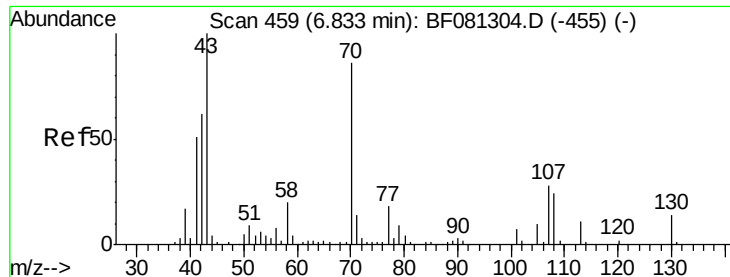


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

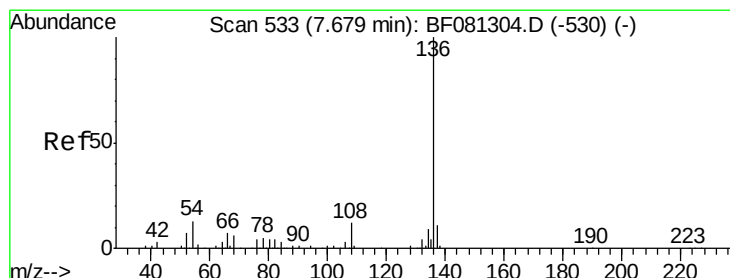
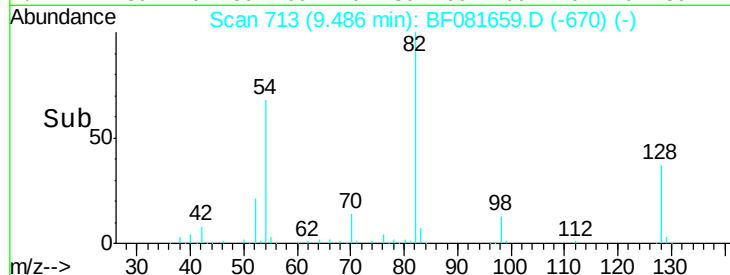
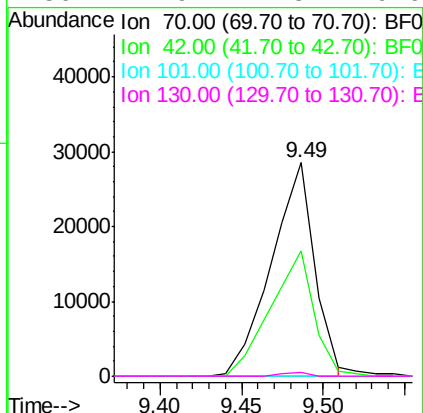
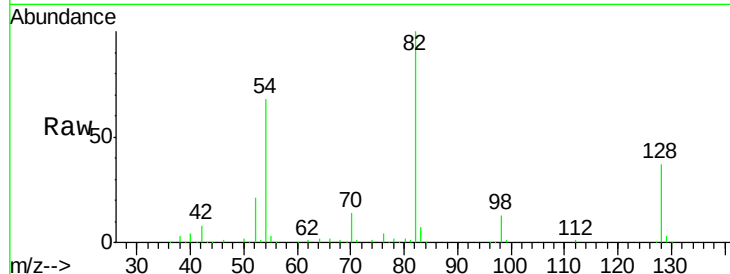




#19
n-Nitroso-di-n-propylamine
Concen: 17.84 ng
RT: 9.49 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

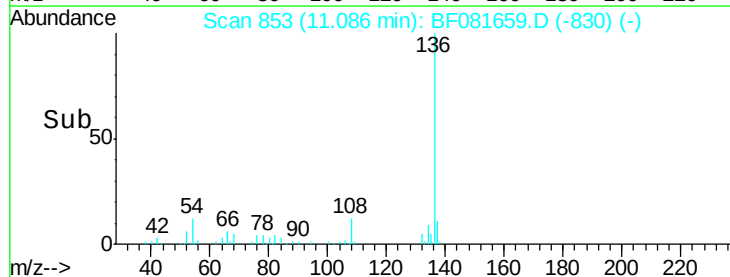
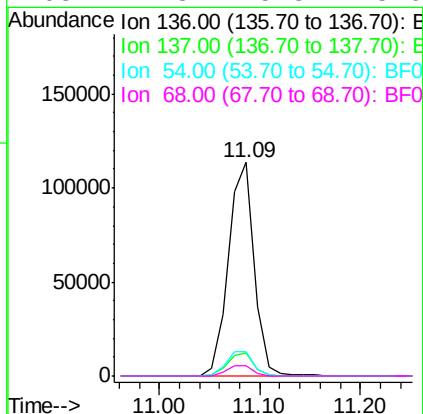
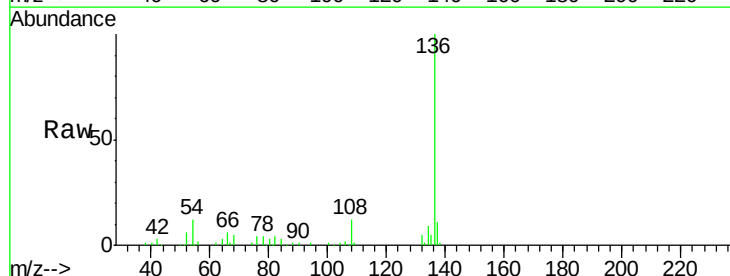
Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

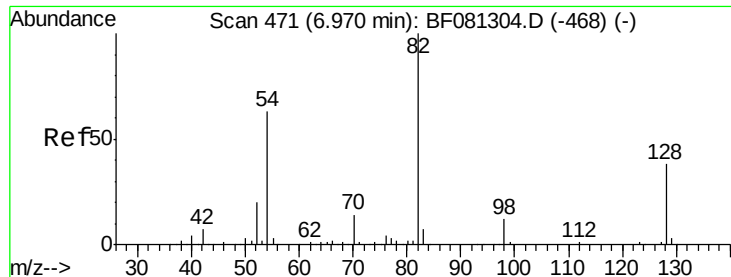
Tgt Ion: 70 Resp: 52668
Ion Ratio Lower Upper
70 100
42 58.5 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion: 136 Resp: 201116
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 11.5 8.2 12.2
68 4.8 5.8 8.6#

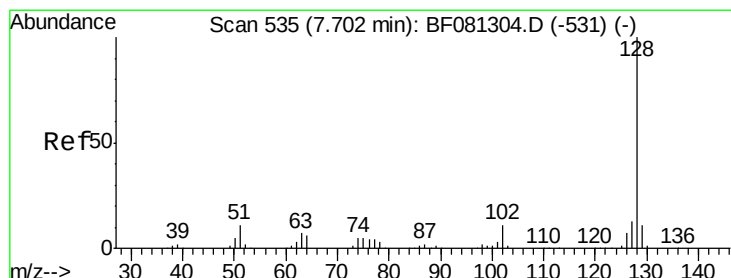
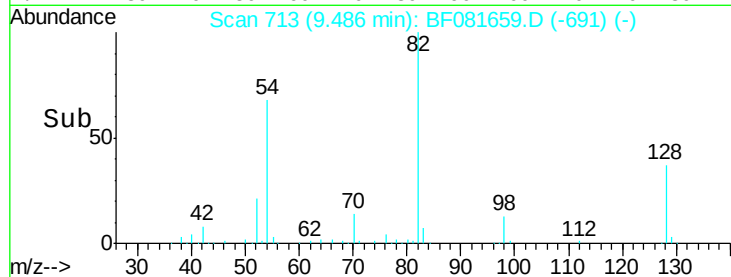
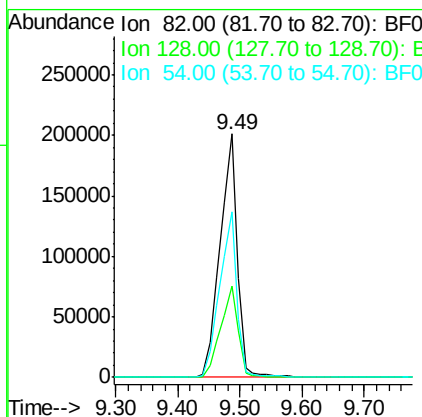
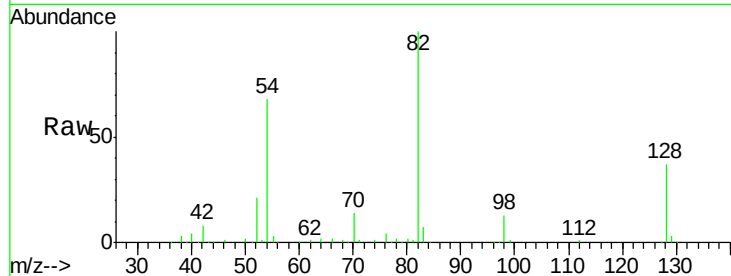




#23
 Nitrobenzene-d5
 Concen: 92.79 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

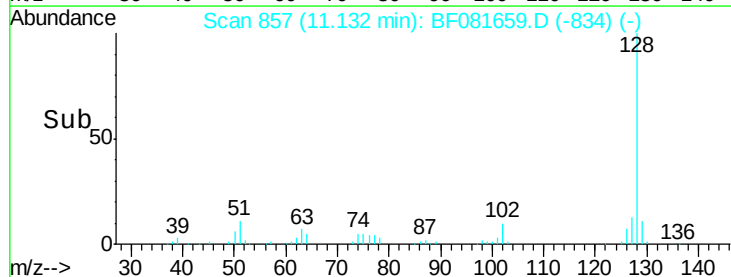
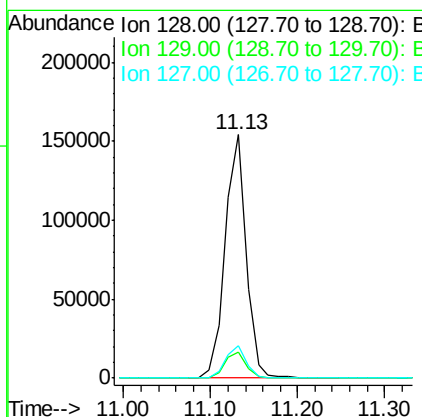
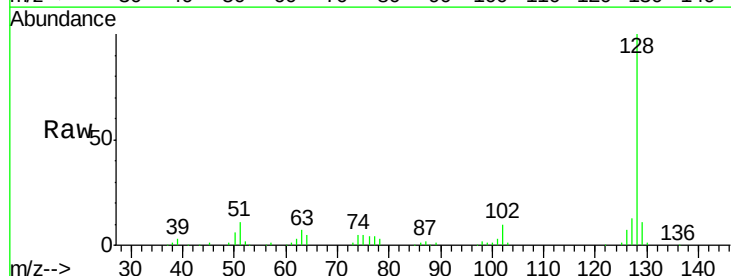
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(27-29)

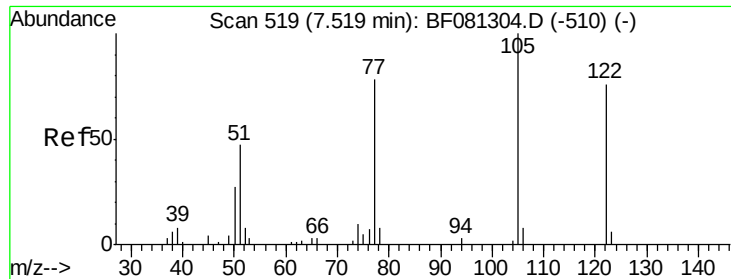
Tgt Ion: 82 Resp: 386779
 Ion Ratio Lower Upper
 82 100
 128 37.4 51.0 76.6#
 54 68.0 47.5 71.3



#31
 Naphthalene
 Concen: 24.16 ng
 RT: 11.13 min Scan# 857
 Delta R.T. -0.03 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

Tgt Ion: 128 Resp: 259137
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.4 12.6
 127 13.3 9.9 14.9

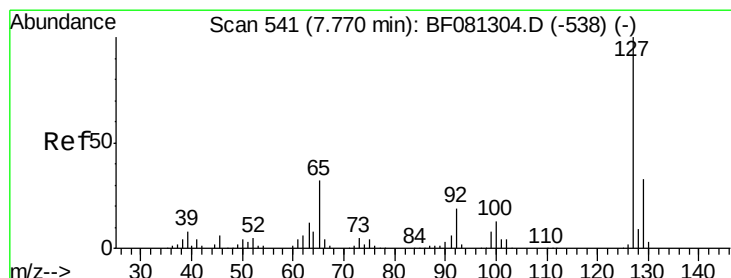
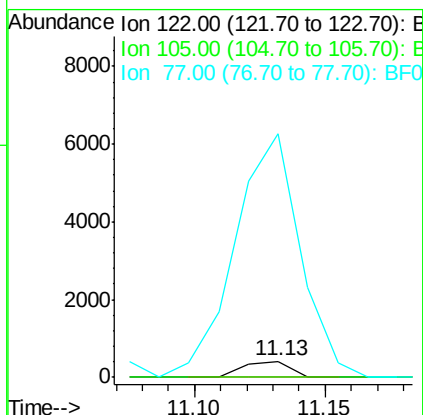
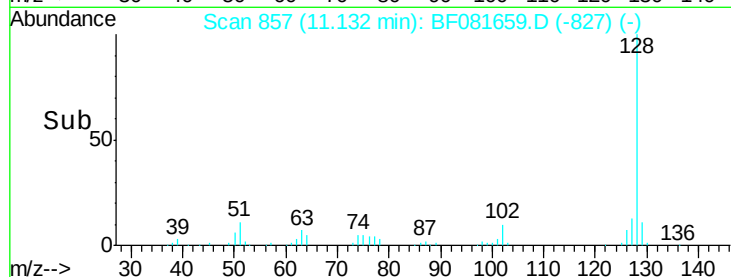
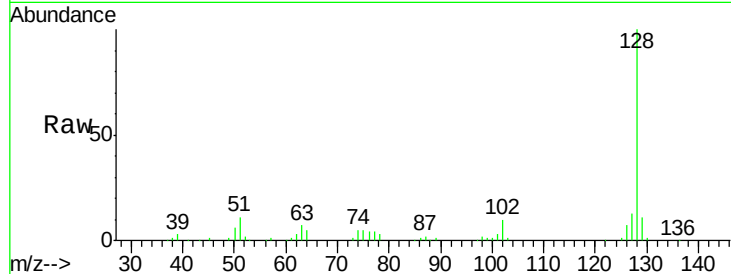




#32
Benzoic acid
Concen: 2.75 ng
RT: 11.13 min Scan# 857
Delta R.T. 0.05 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

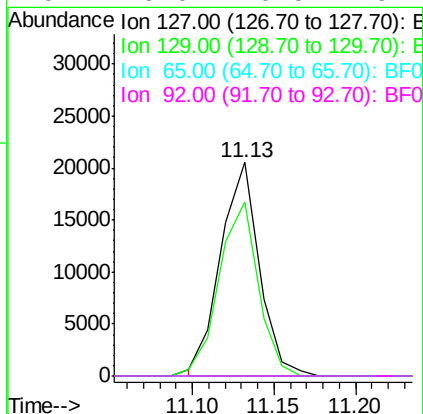
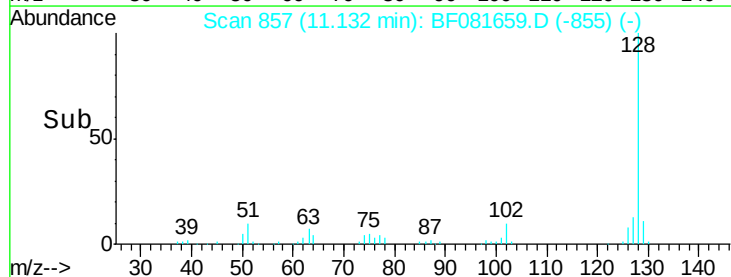
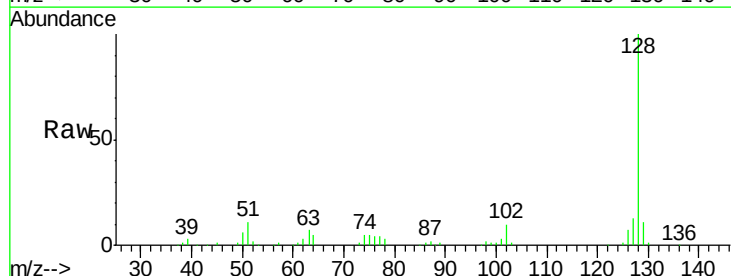
Instrument :
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MGP203(27-29)

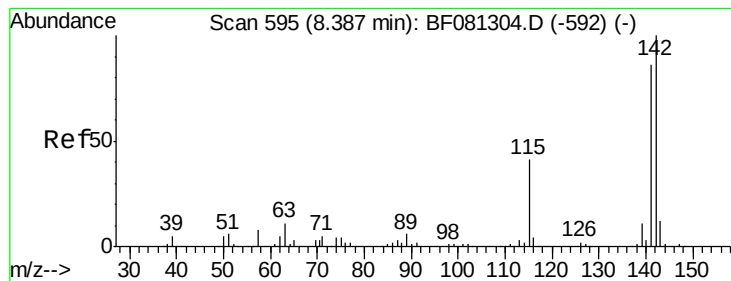
Tgt Ion:122 Resp: 518
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 1539.3 40.5 80.5#



#33
4-Chloroaniline
Concen: 7.67 ng
RT: 11.13 min Scan# 857
Delta R.T. -0.27 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:127 Resp: 33549
Ion Ratio Lower Upper
127 100
129 81.5 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#

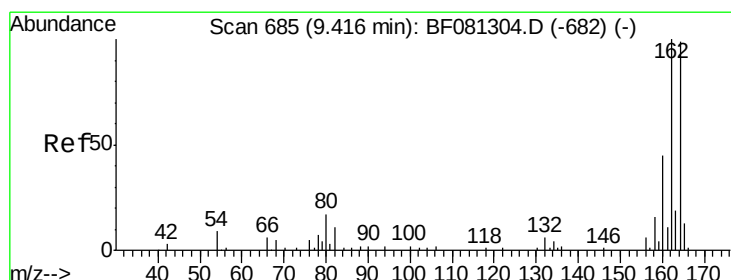
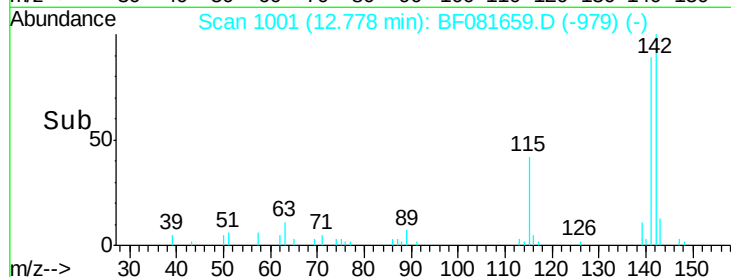
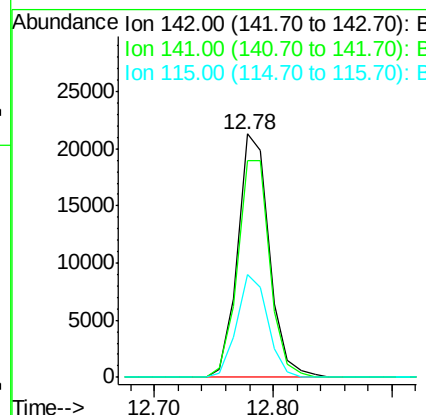
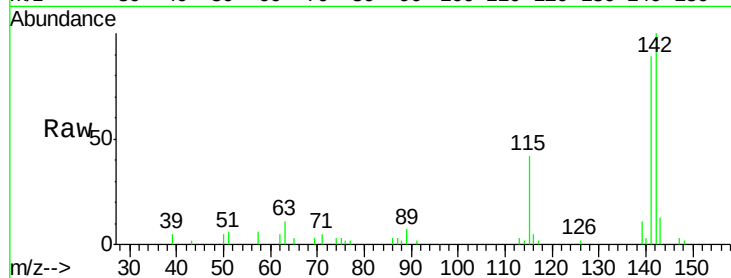




#37
 2-Methylnaphthalene
 Concen: 5.65 ng
 RT: 12.78 min Scan# 1001
 Delta R.T. -0.05 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

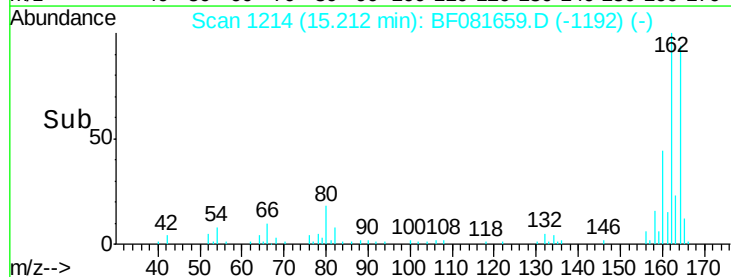
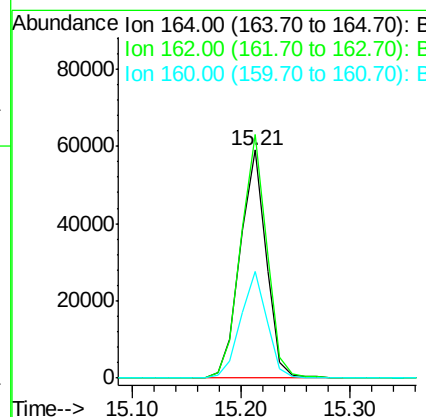
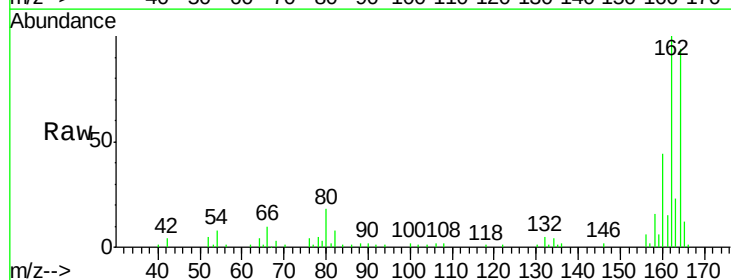
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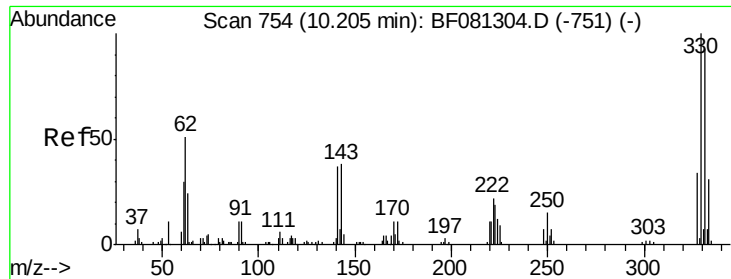
Tgt Ion:142 Resp: 39447
 Ion Ratio Lower Upper
 142 100
 141 89.1 67.5 101.3
 115 42.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

Tgt Ion:164 Resp: 97401
 Ion Ratio Lower Upper
 164 100
 162 106.7 75.2 112.8
 160 46.9 31.5 47.3

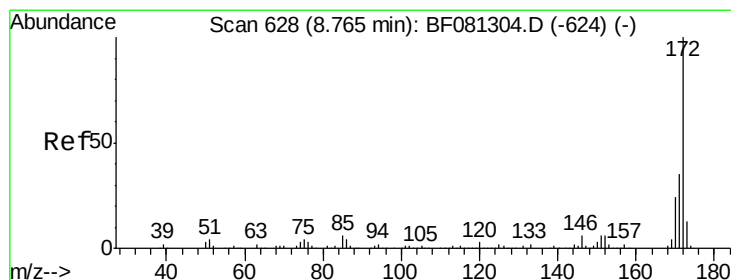
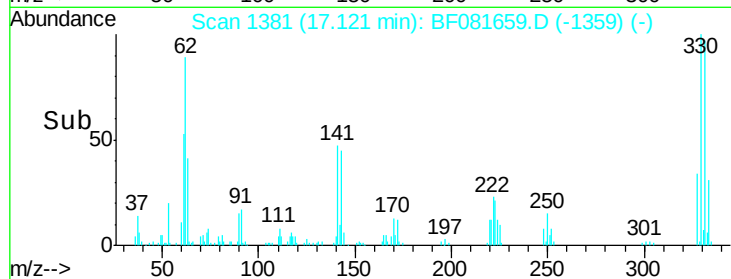
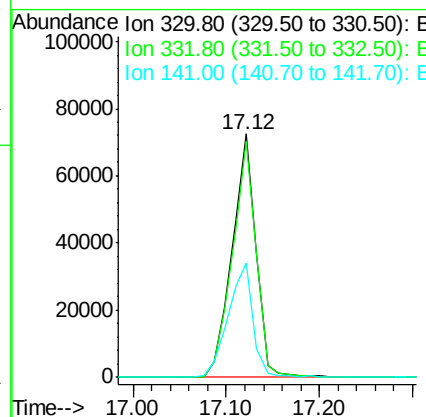
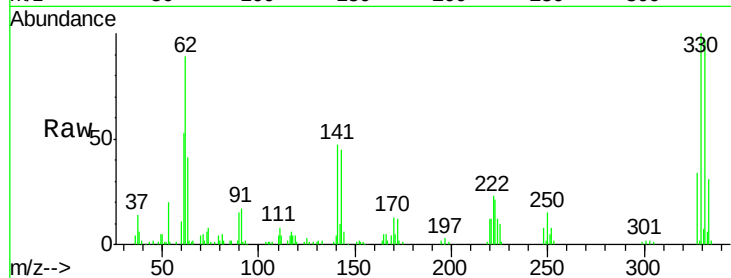




#41
 2,4,6-Tribromophenol
 Concen: 149.33 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

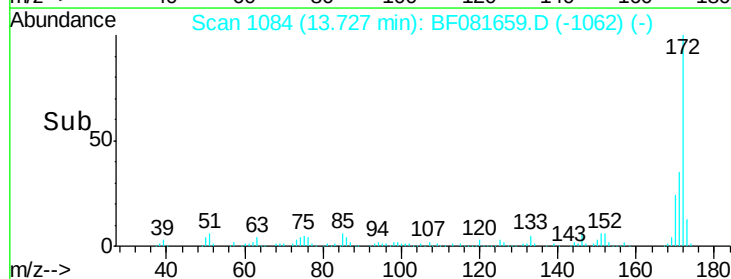
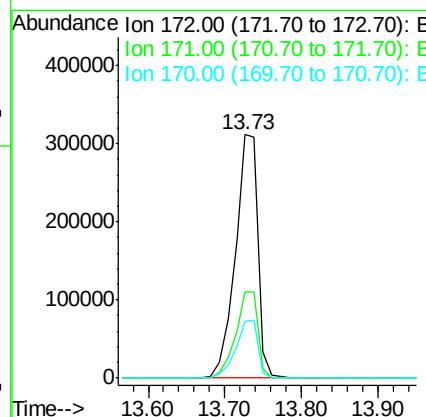
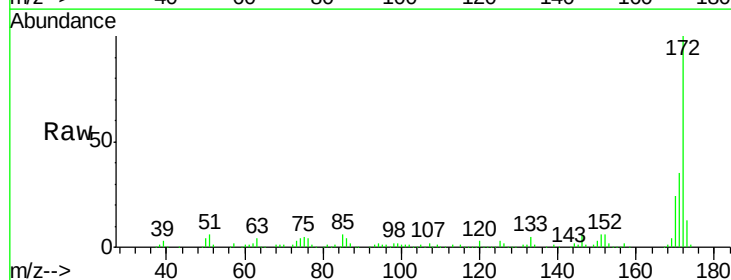
Instrument :
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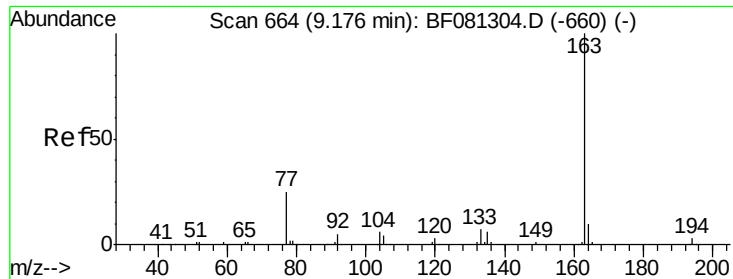
Tgt Ion:330 Resp: 129507
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 48.6 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 84.70 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

Tgt Ion:172 Resp: 643770
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.5 17.4 26.2





#49

Dimethylphthalate

Concen: 16.55 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081659.D

Acq: 16 Sep 2015 21:04

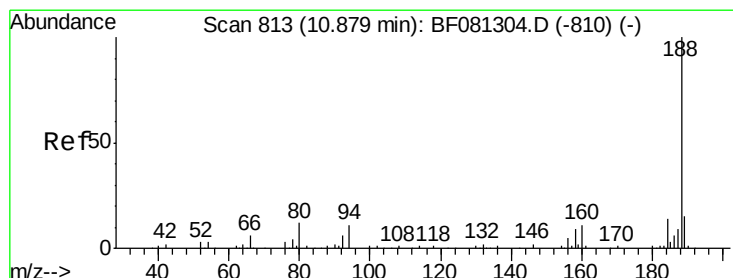
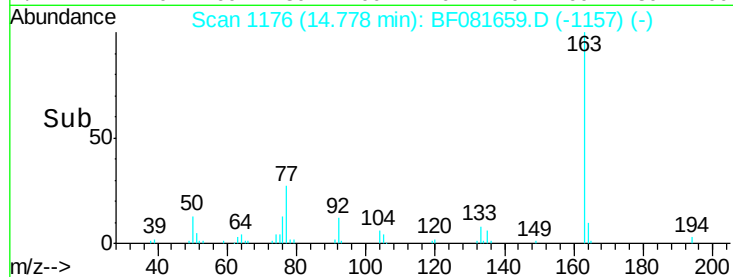
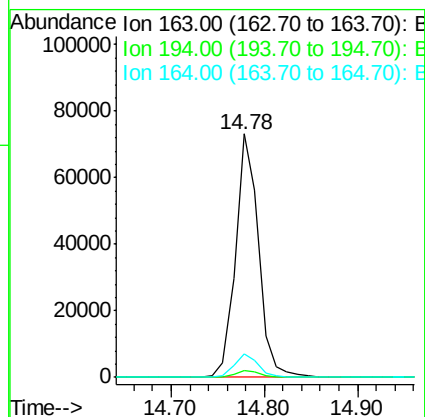
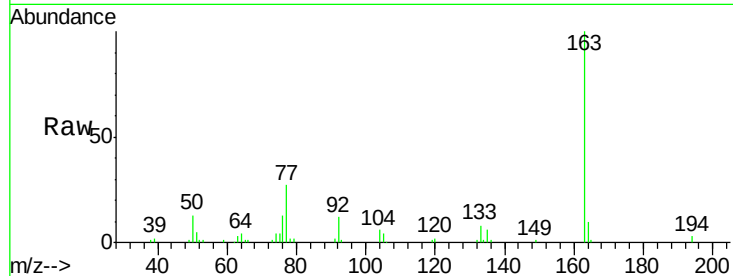
Instrument :

BNA_F

ClientSampleId :

MGP203(27-29)

Tgt Ion:163	Resp:	125247
Ion Ratio	Lower	Upper
163	100	
194	3.0	4.4 6.6#
164	9.9	8.3 12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

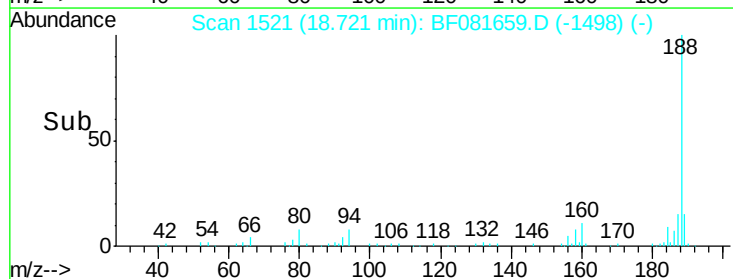
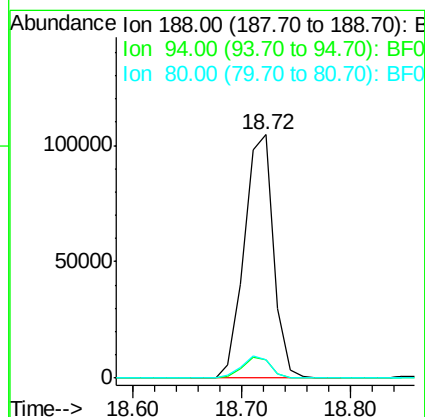
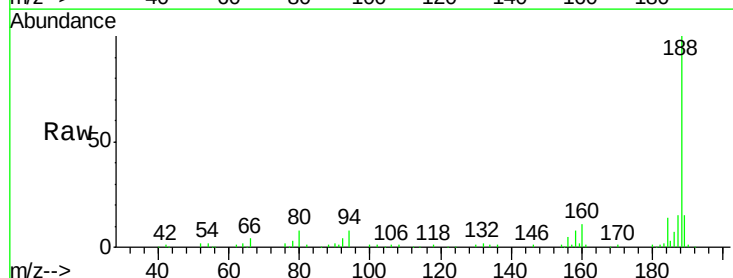
RT: 18.72 min Scan# 1521

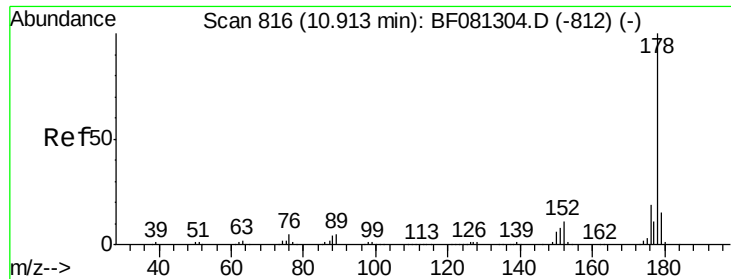
Delta R.T. -0.03 min

Lab File: BF081659.D

Acq: 16 Sep 2015 21:04

Tgt Ion:188	Resp:	194206
Ion Ratio	Lower	Upper
188	100	
94	7.5	11.1 16.7#
80	7.8	11.0 16.4#

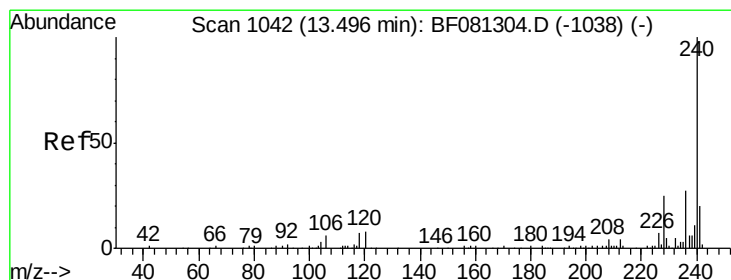
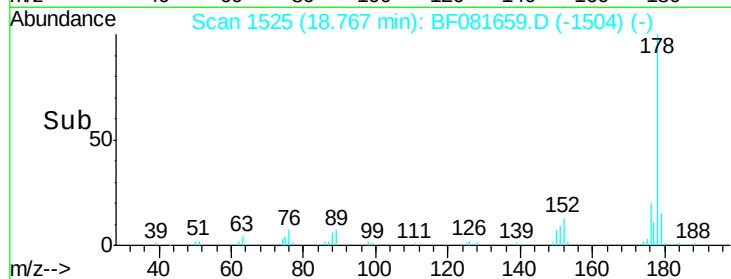
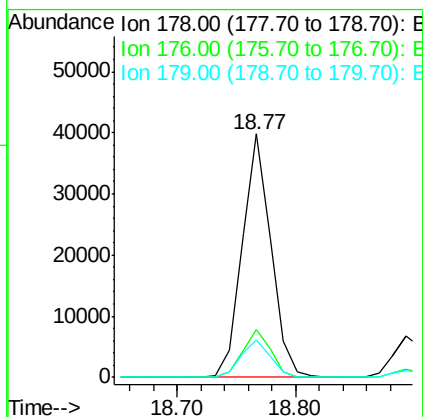
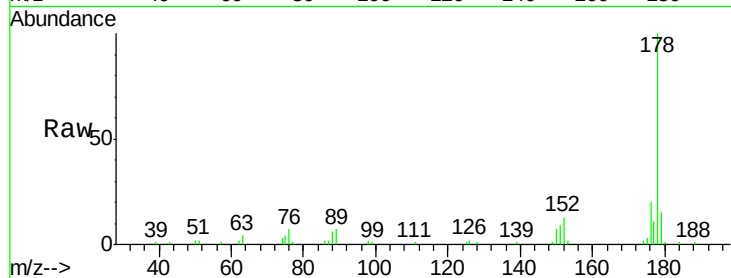




#70
Phenanthrene
Concen: 6.22 ng
RT: 18.77 min Scan# 1525
Delta R.T. -0.06 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

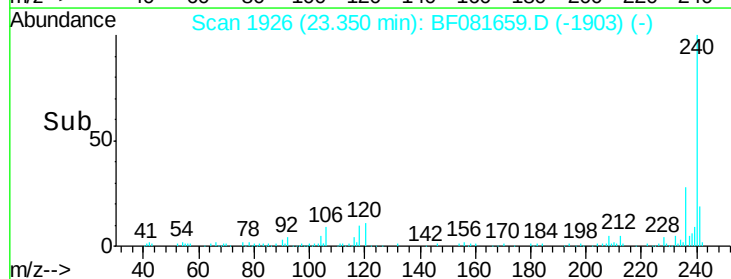
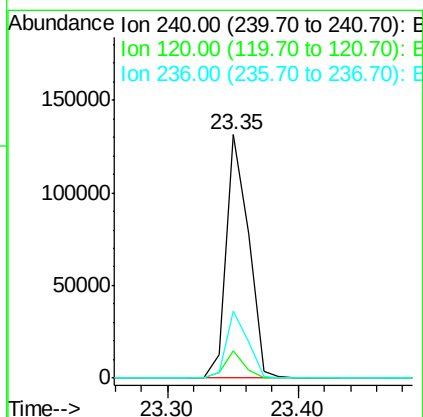
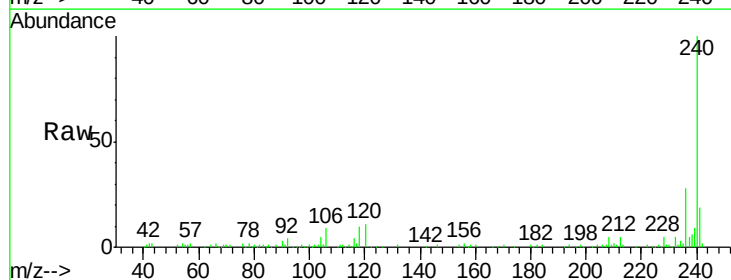
Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

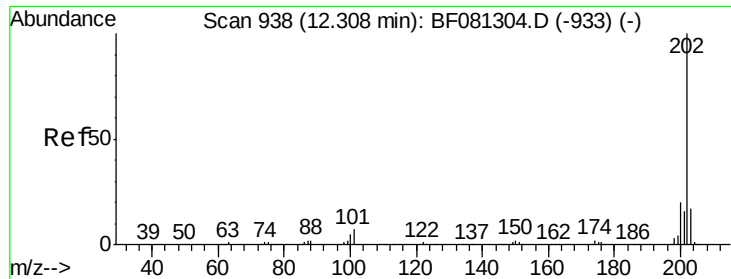
Tgt Ion:178 Resp: 67173
Ion Ratio Lower Upper
178 100
176 19.7 13.8 20.8
179 15.3 12.2 18.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1926
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:240 Resp: 156416
Ion Ratio Lower Upper
240 100
120 11.2 16.2 24.2#
236 27.5 18.4 27.6

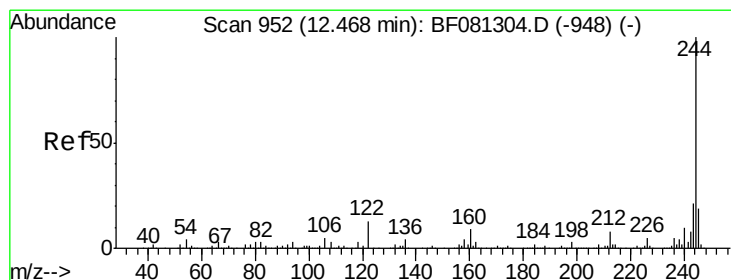
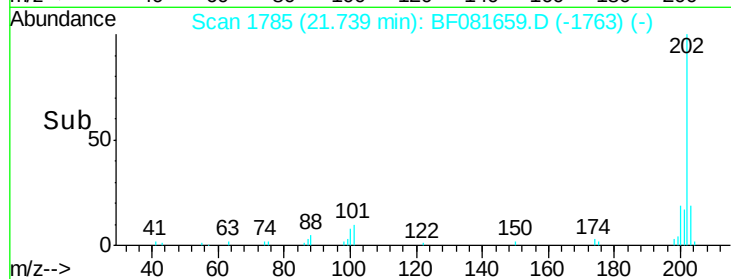
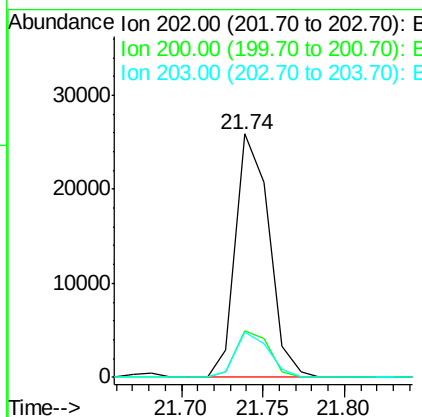
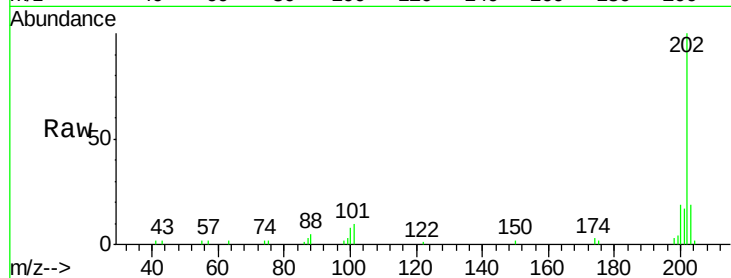




#77
 Pyrene
 Concen: 3.16 ng
 RT: 21.74 min Scan# 1785
 Delta R.T. -0.05 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

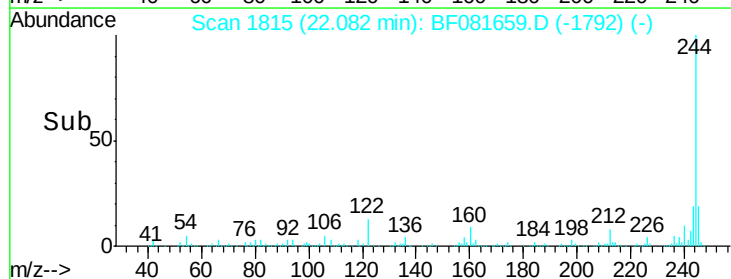
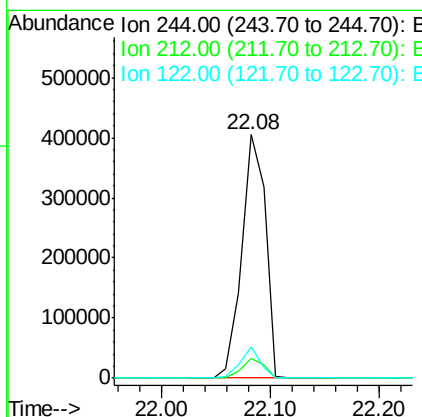
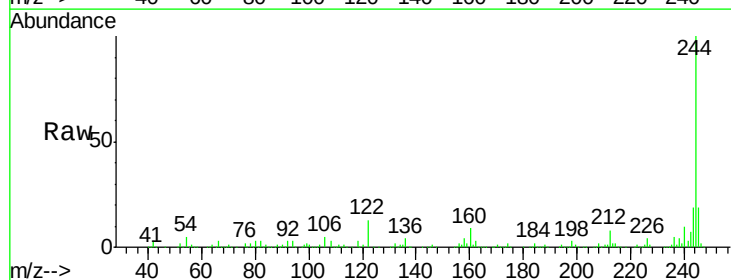
Instrument :
 BNA_F
 ClientSampleId :
 MGP203(27-29)

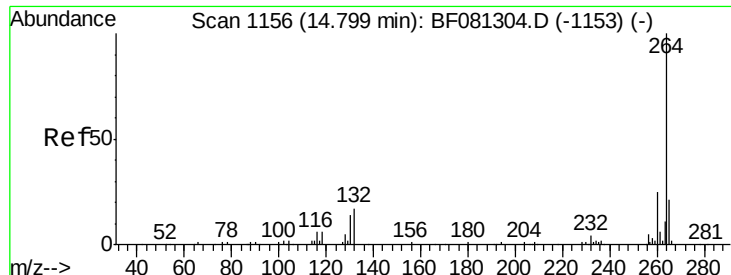
Tgt Ion: 202 Resp: 36581
 Ion Ratio Lower Upper
 202 100
 200 19.1 15.0 22.4
 203 18.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 90.48 ng
 RT: 22.08 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF081659.D
 Acq: 16 Sep 2015 21:04

Tgt Ion: 244 Resp: 607993
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 12.8 17.4 26.2#

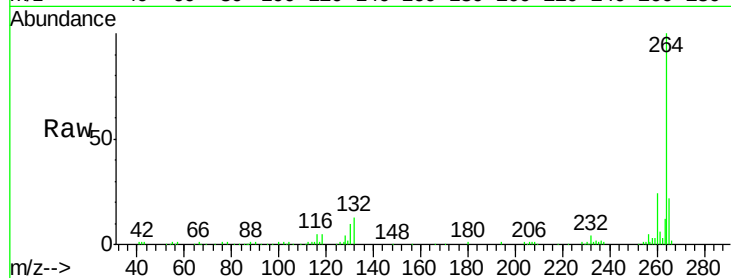




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:	264	Resp:	117208
Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

