

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081765.D
 Acq On : 23 Sep 2015 10:42
 Operator : UM/IZ
 Sample : G3708-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-15-17

Quant Time: Sep 23 11:19:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

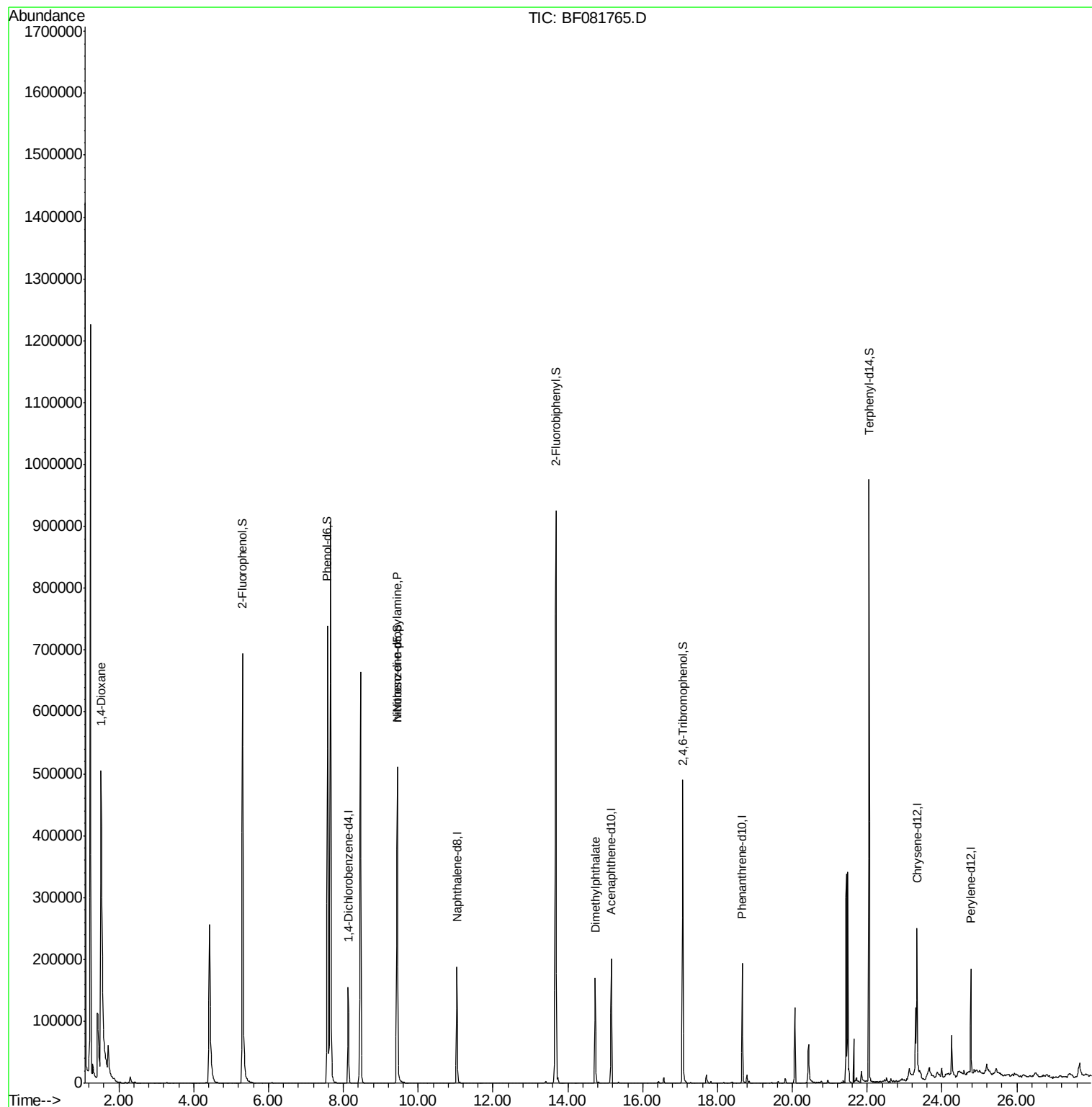
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39177	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	155976	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	74026	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	143059	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	88228	20.00	ng	0.00
86) Perylene-d12	24.77	264	70207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	346213	137.11	ng	0.02
7) Phenol-d6	7.58	99	491646	147.09	ng	0.00
23) Nitrobenzene-d5	9.44	82	329519	101.93	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	98215	149.01	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	564807	97.78	ng	-0.01
78) Terphenyl-d14	22.05	244	400027	105.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	30008	26.46	ng	# 11
19) n-Nitroso-di-n-propylamine	9.44	70	43184	18.98	ng	# 66
49) Dimethylphthalate	14.73	163	118114	20.54	ng	# 96

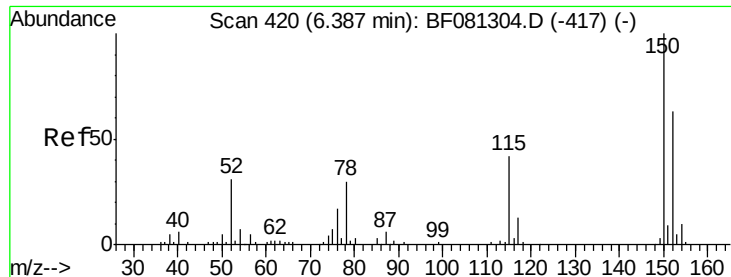
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP209BR-15-17

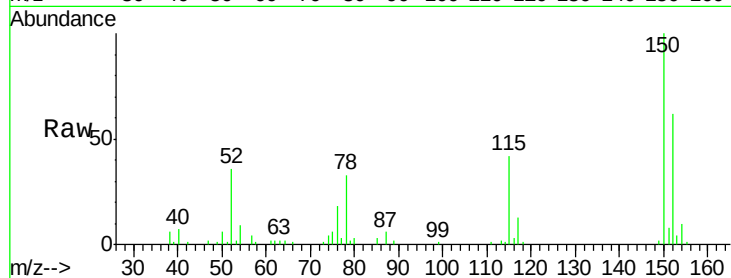
Tgt Ion:152 Resp: 39177

Ion Ratio Lower Upper

152 100

150 161.9 124.7 187.1

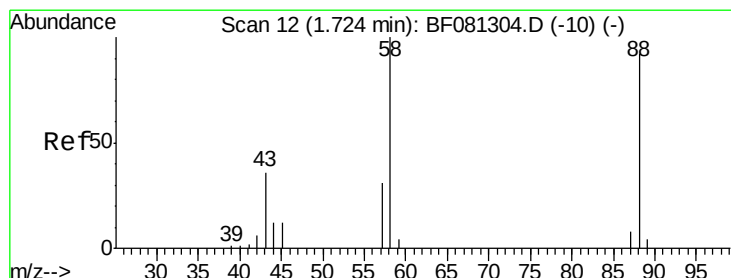
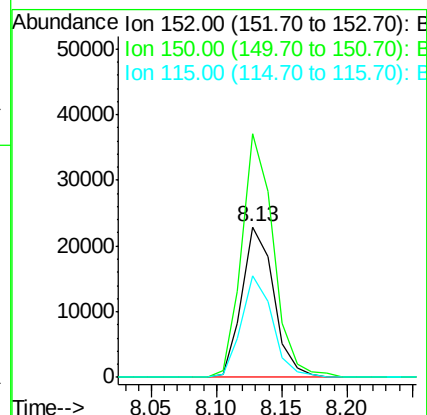
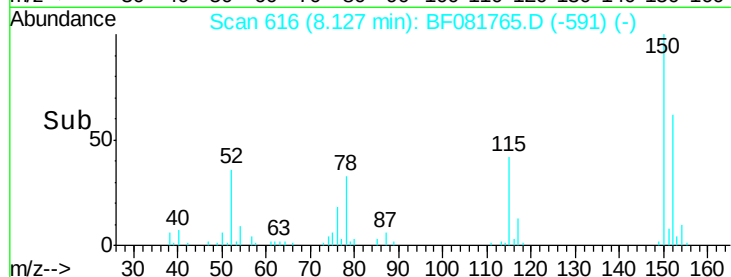
115 67.7 39.0 58.4#



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: 26.46 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.01 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

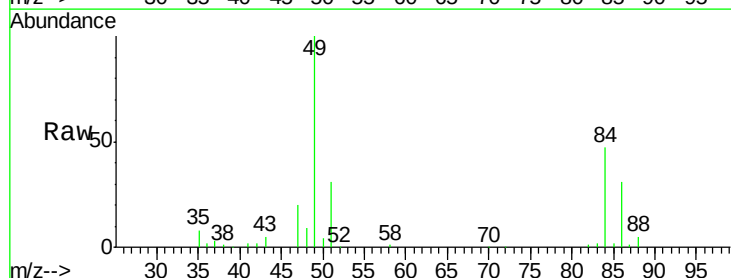
Tgt Ion: 88 Resp: 30008

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

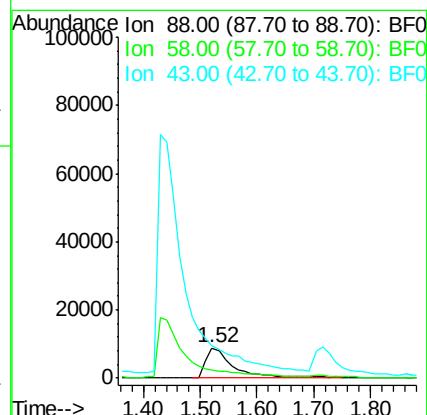
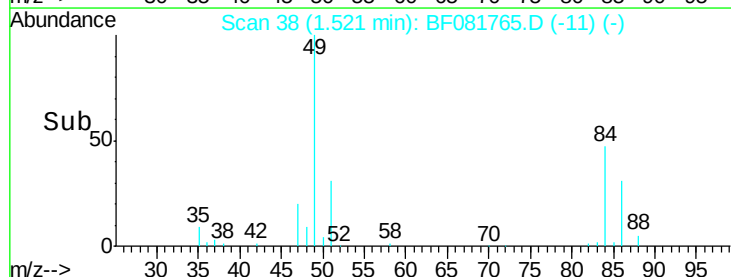
43 0.0 26.6 40.0#

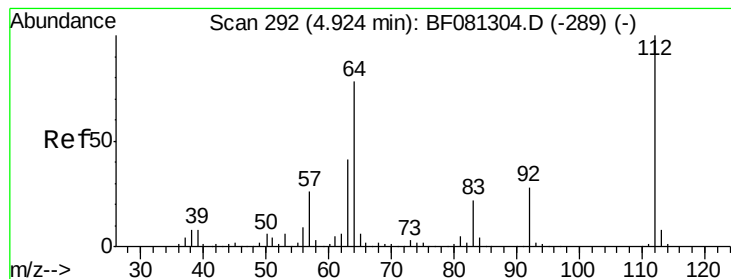


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 137.11 ng

RT: 5.30 min Scan# 369

Delta R.T. 0.02 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP209BR-15-17

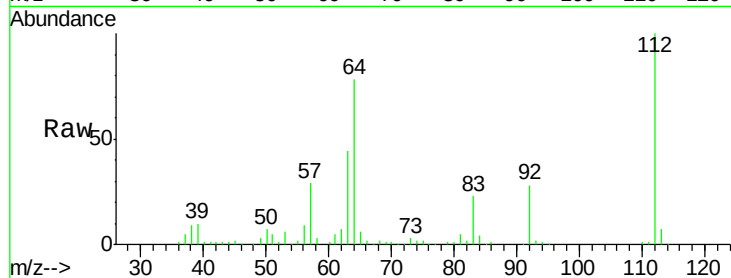
Tgt Ion: 112 Resp: 346213

Ion Ratio Lower Upper

112 100

64 78.0 39.7 59.5#

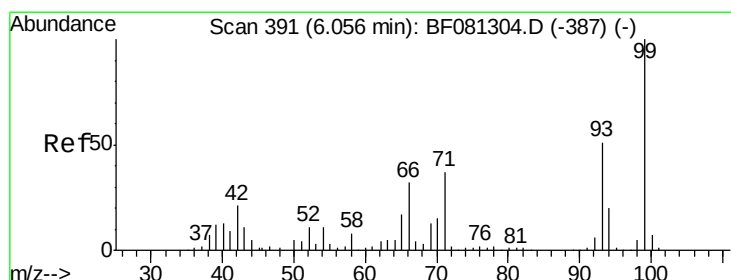
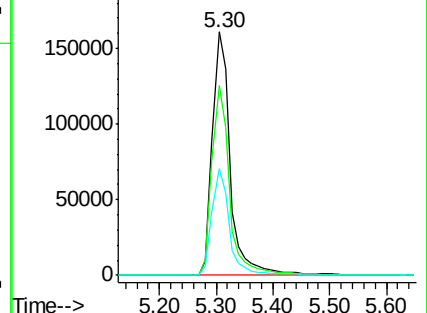
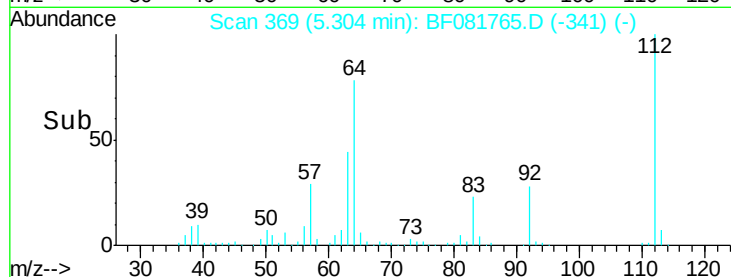
63 44.1 17.4 26.0#



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: 147.09 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

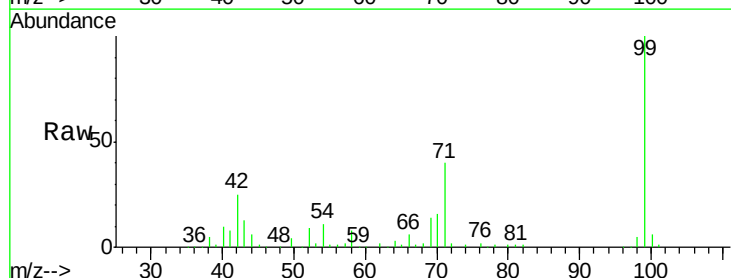
Tgt Ion: 99 Resp: 491646

Ion Ratio Lower Upper

99 100

42 25.3 13.7 20.5#

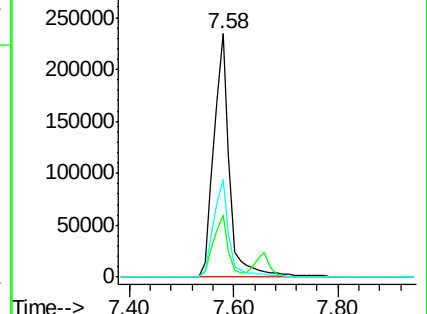
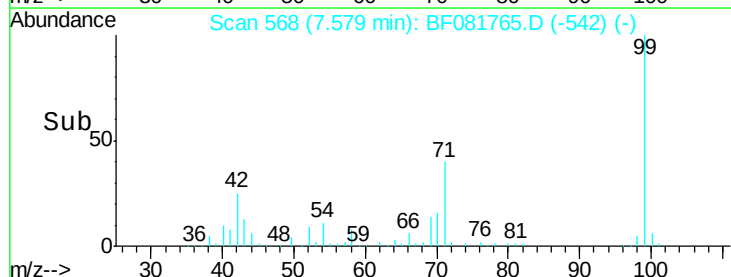
71 40.3 14.2 21.2#

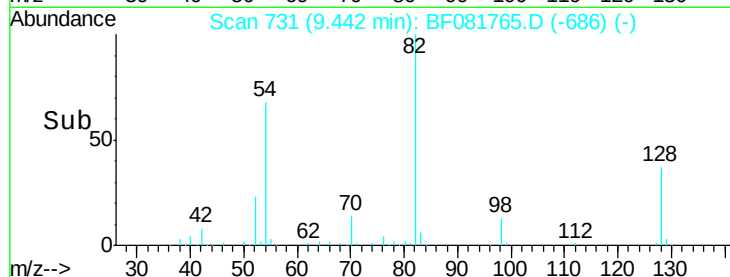
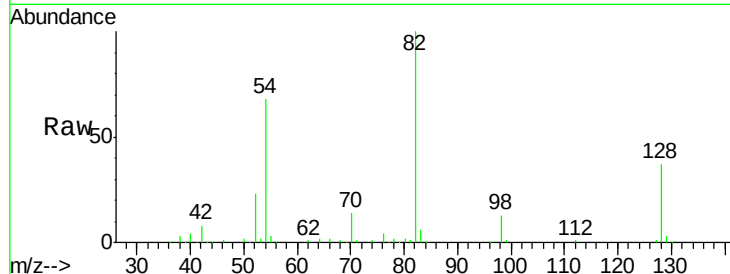
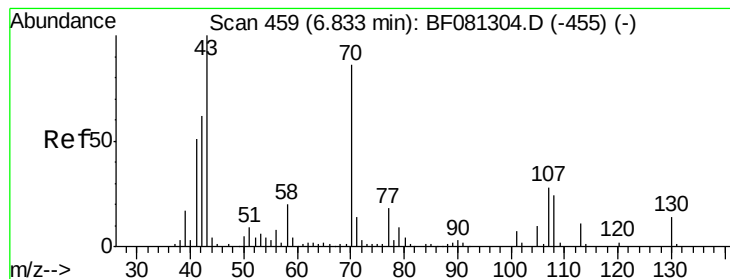


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 18.98 ng

RT: 9.44 min Scan# 731

Delta R.T. 0.22 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP209BR-15-17

Tgt Ion: 70 Resp: 43184

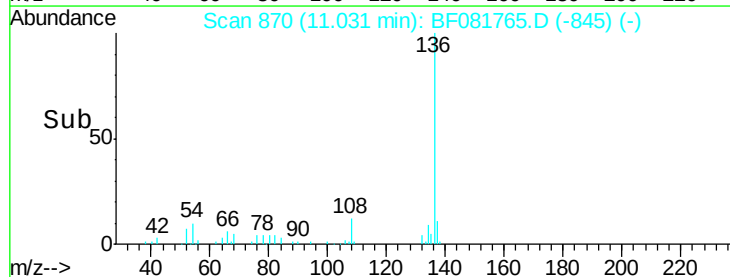
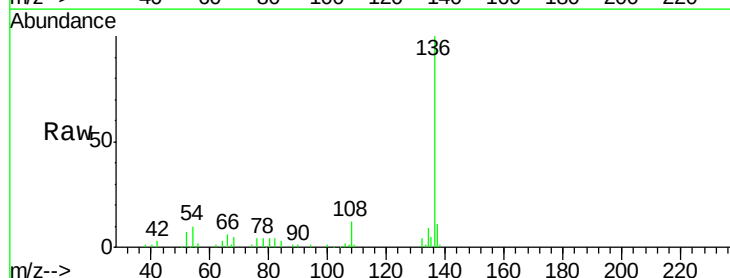
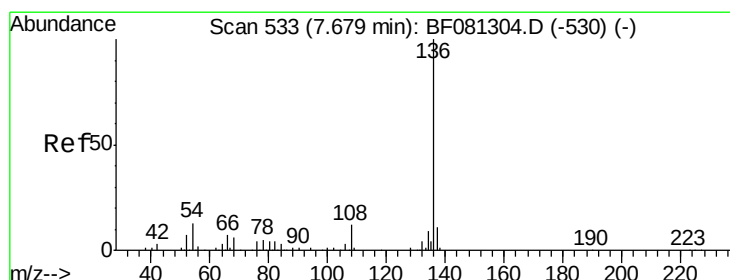
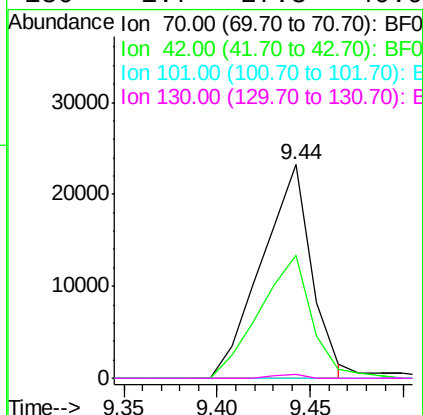
Ion Ratio Lower Upper

70 100

42 57.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

Tgt Ion: 136 Resp: 155976

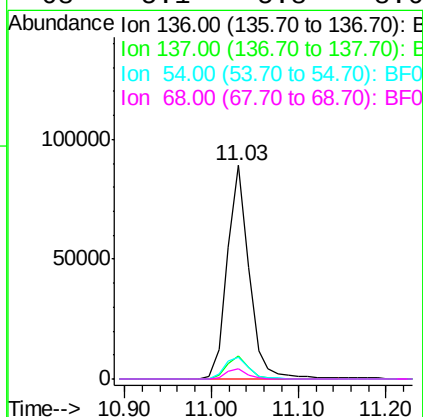
Ion Ratio Lower Upper

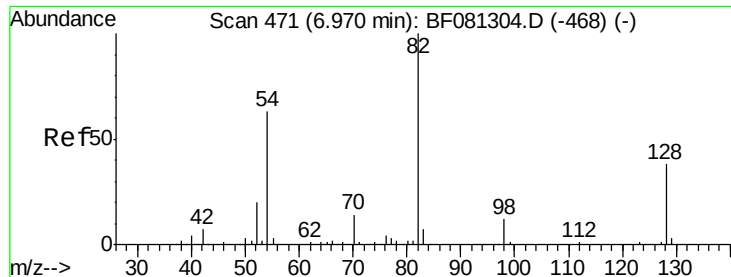
136 100

137 11.1 9.0 13.6

54 10.5 8.2 12.2

68 5.1 5.8 8.6#

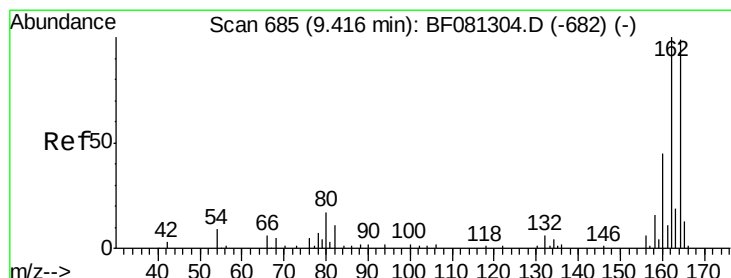
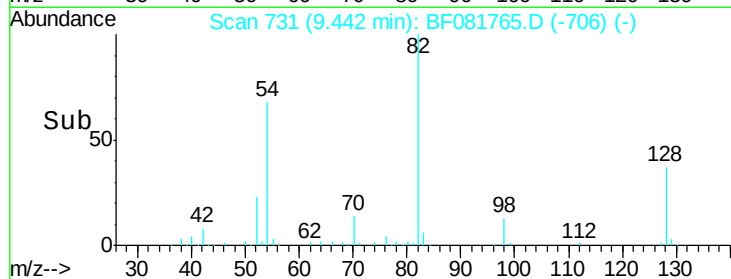
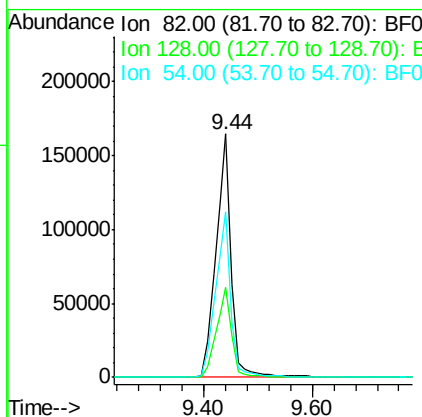
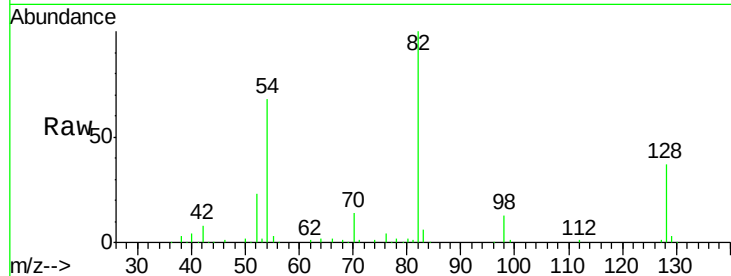




#23
 Nitrobenzene-d5
 Concen: 101.93 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081765.D
 Acq: 23 Sep 2015 10:42

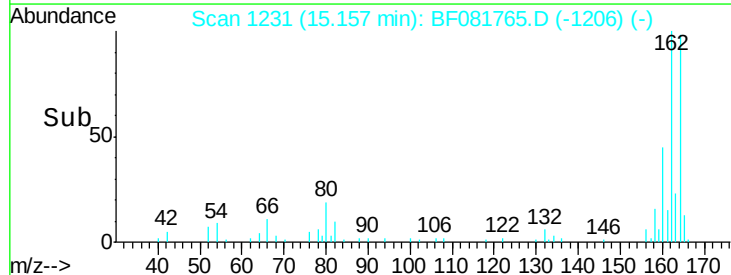
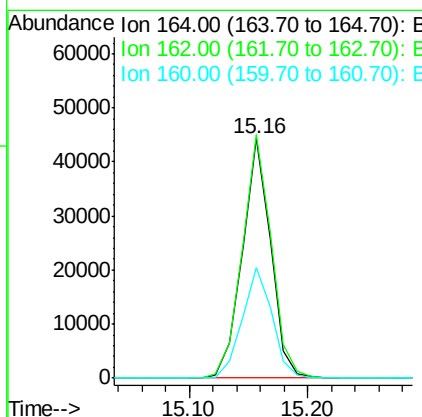
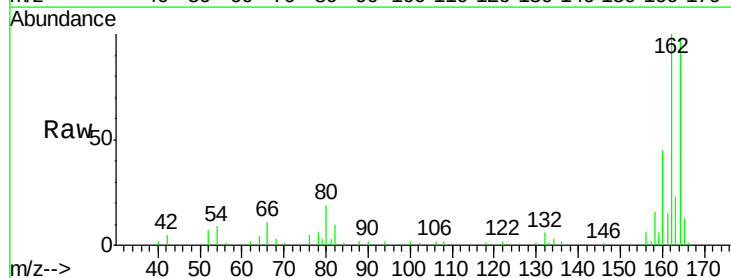
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-15-17

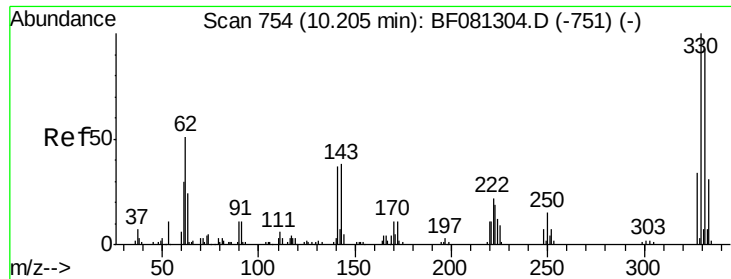
Tgt Ion: 82 Resp: 329519
 Ion Ratio Lower Upper
 82 100
 128 37.0 51.0 76.6#
 54 68.1 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081765.D
 Acq: 23 Sep 2015 10:42

Tgt Ion: 164 Resp: 74026
 Ion Ratio Lower Upper
 164 100
 162 101.6 75.2 112.8
 160 46.1 31.5 47.3

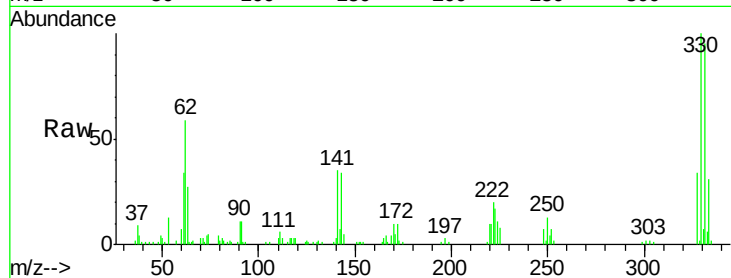




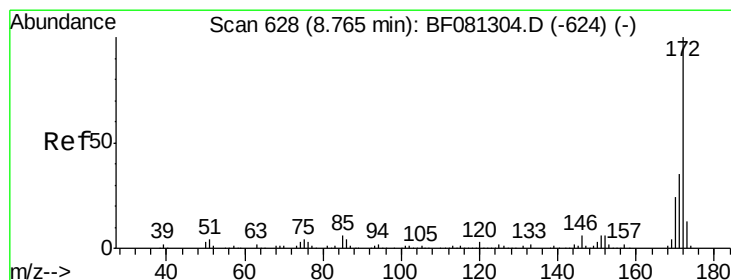
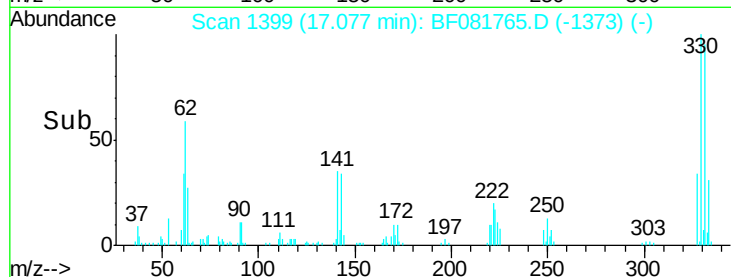
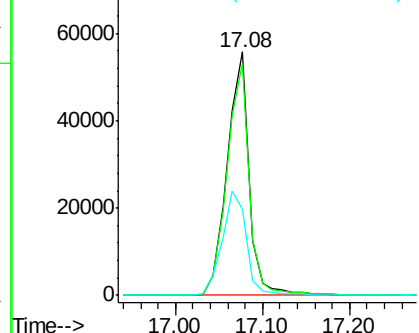
#41
 2,4,6-Tribromophenol
 Concen: 149.01 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF081765.D
 Acq: 23 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-15-17

Tgt Ion:330 Resp: 98215
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 47.6 29.7 44.5#

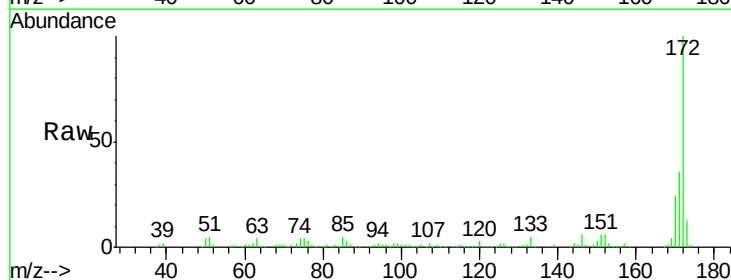


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

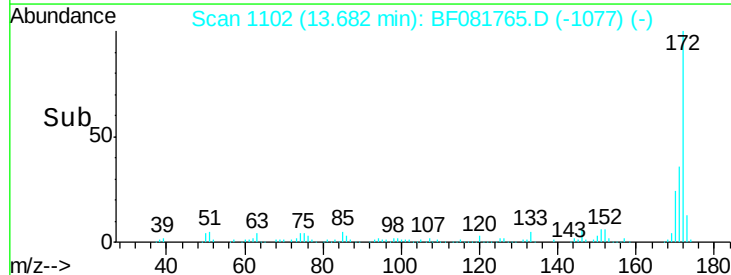
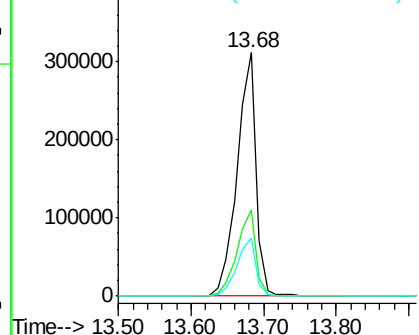


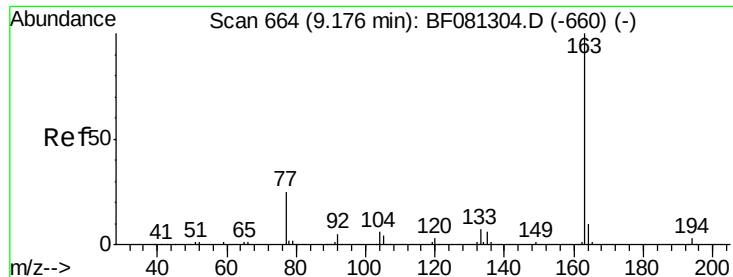
#44
 2-Fluorobiphenyl
 Concen: 97.78 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081765.D
 Acq: 23 Sep 2015 10:42

Tgt Ion:172 Resp: 564807
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.7 17.4 26.2



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





#49

Dimethylphthalate

Concen: 20.54 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP209BR-15-17

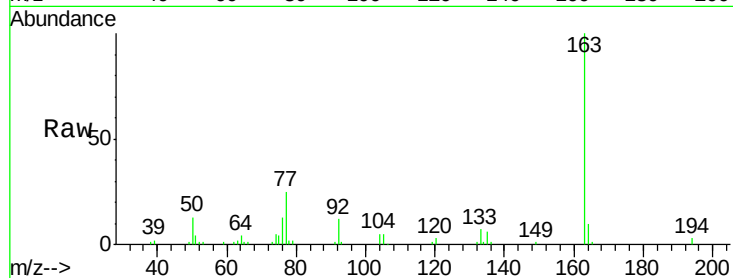
Tgt Ion:163 Resp: 118114

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

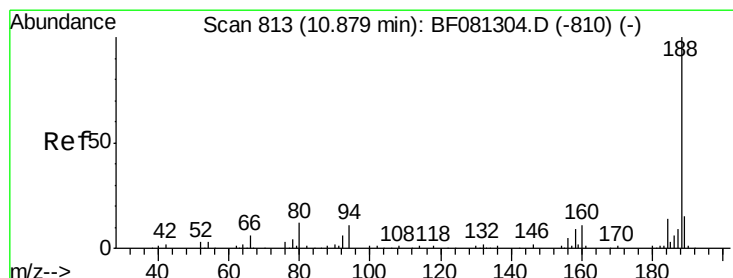
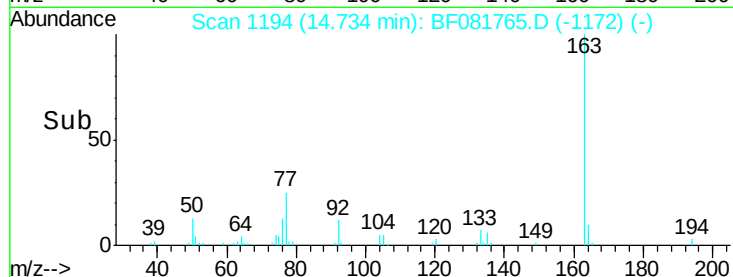
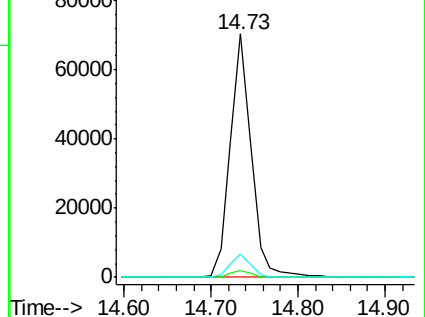
164 9.6 8.3 12.5



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: 18.67 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

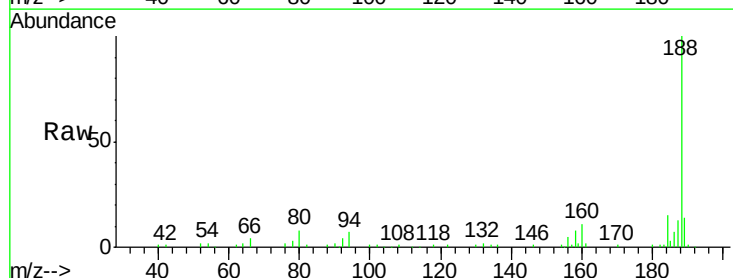
Tgt Ion:188 Resp: 143059

Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

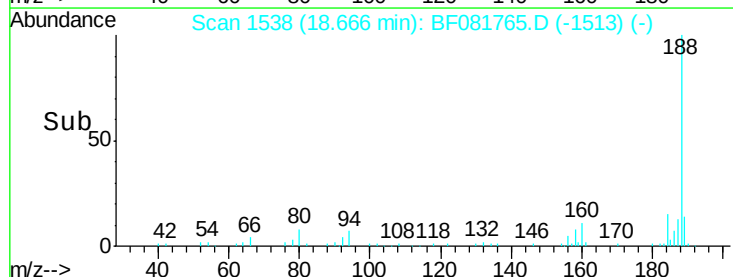
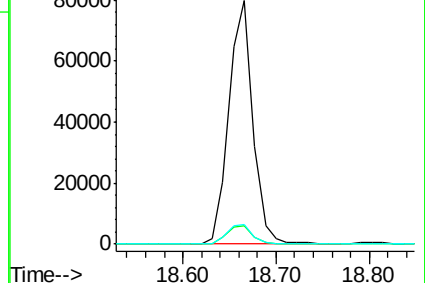
80 8.2 11.0 16.4#

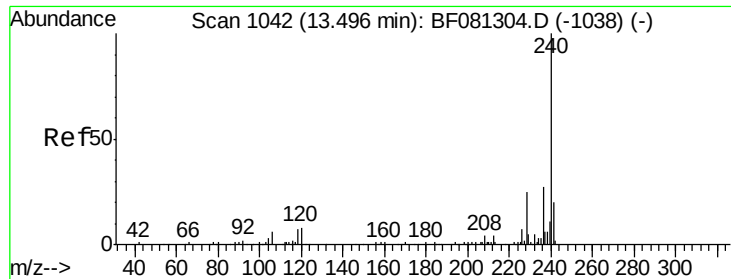


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.33 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP209BR-15-17

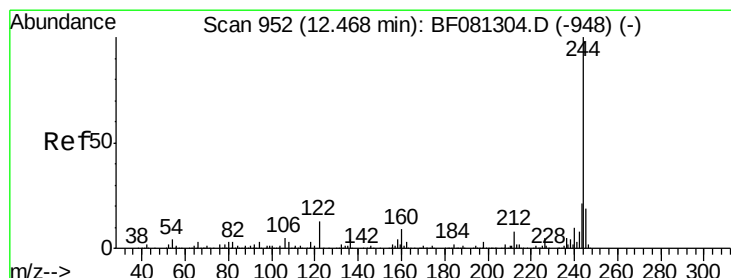
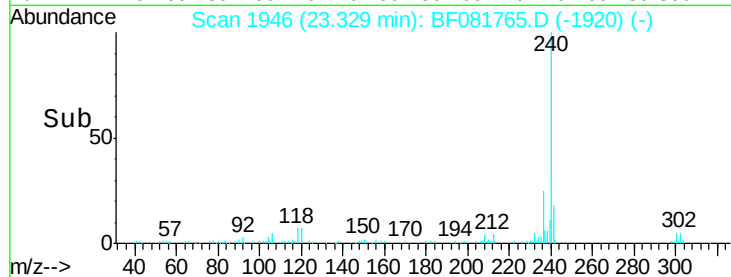
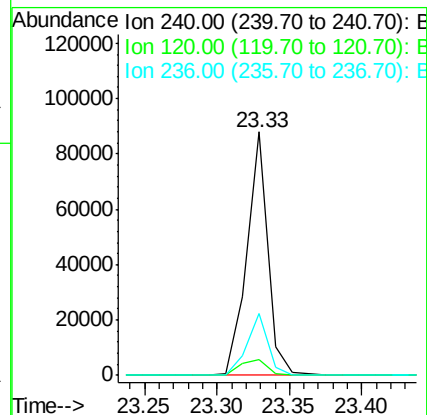
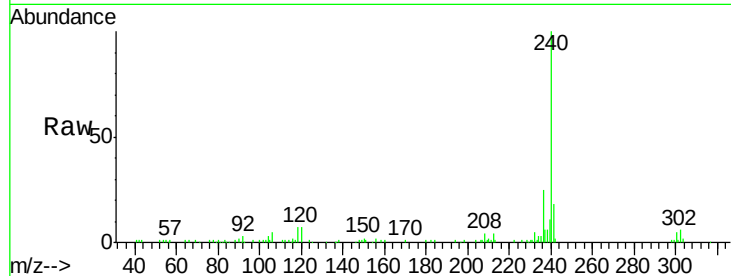
Tgt Ion:240 Resp: 88228

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

236 25.4 18.4 27.6



#78

Terphenyl-d14

Concen: 105.54 ng

RT: 22.05 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

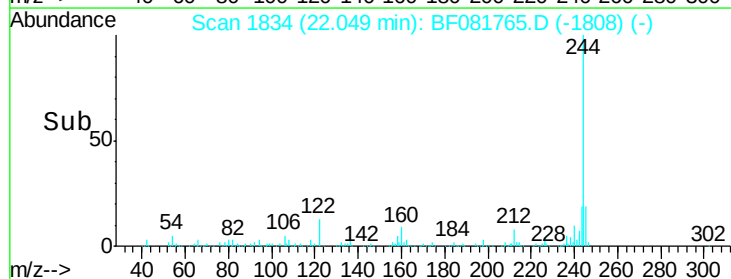
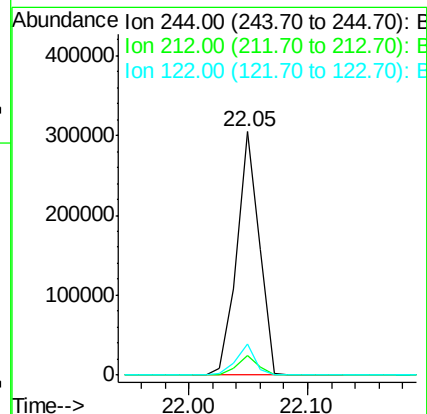
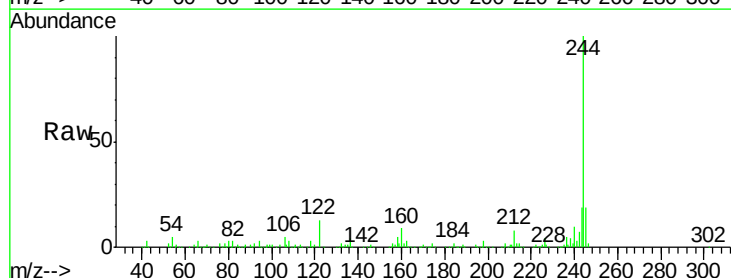
Tgt Ion:244 Resp: 400027

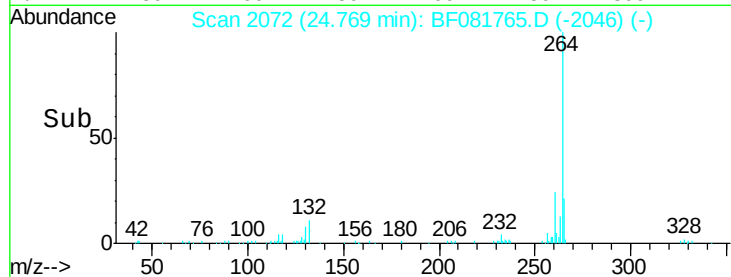
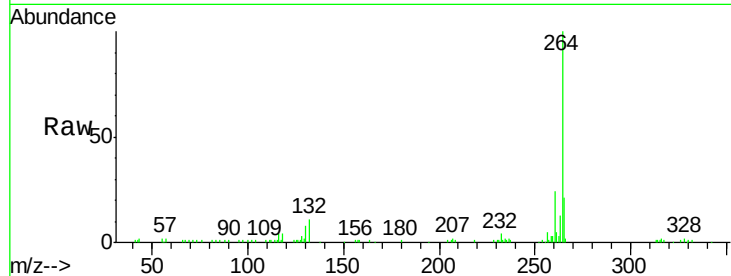
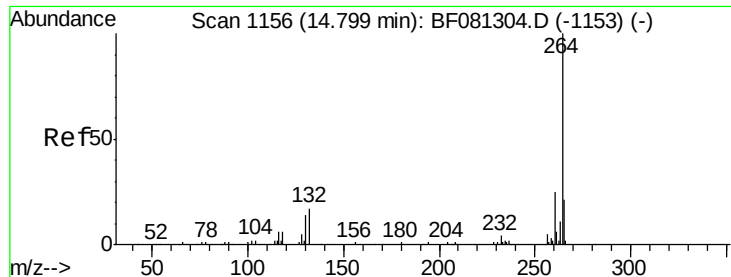
Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

122 12.6 17.4 26.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.77 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BF081765.D

Acq: 23 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP209BR-15-17

Tgt Ion: 264 Resp: 70207

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 20.9 17.2 25.8

