

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081467.D
 Acq On : 5 Sep 2015 16:19
 Operator : UM/IZ
 Sample : G3559-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP226BR-10-20

Quant Time: Sep 07 02:50:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

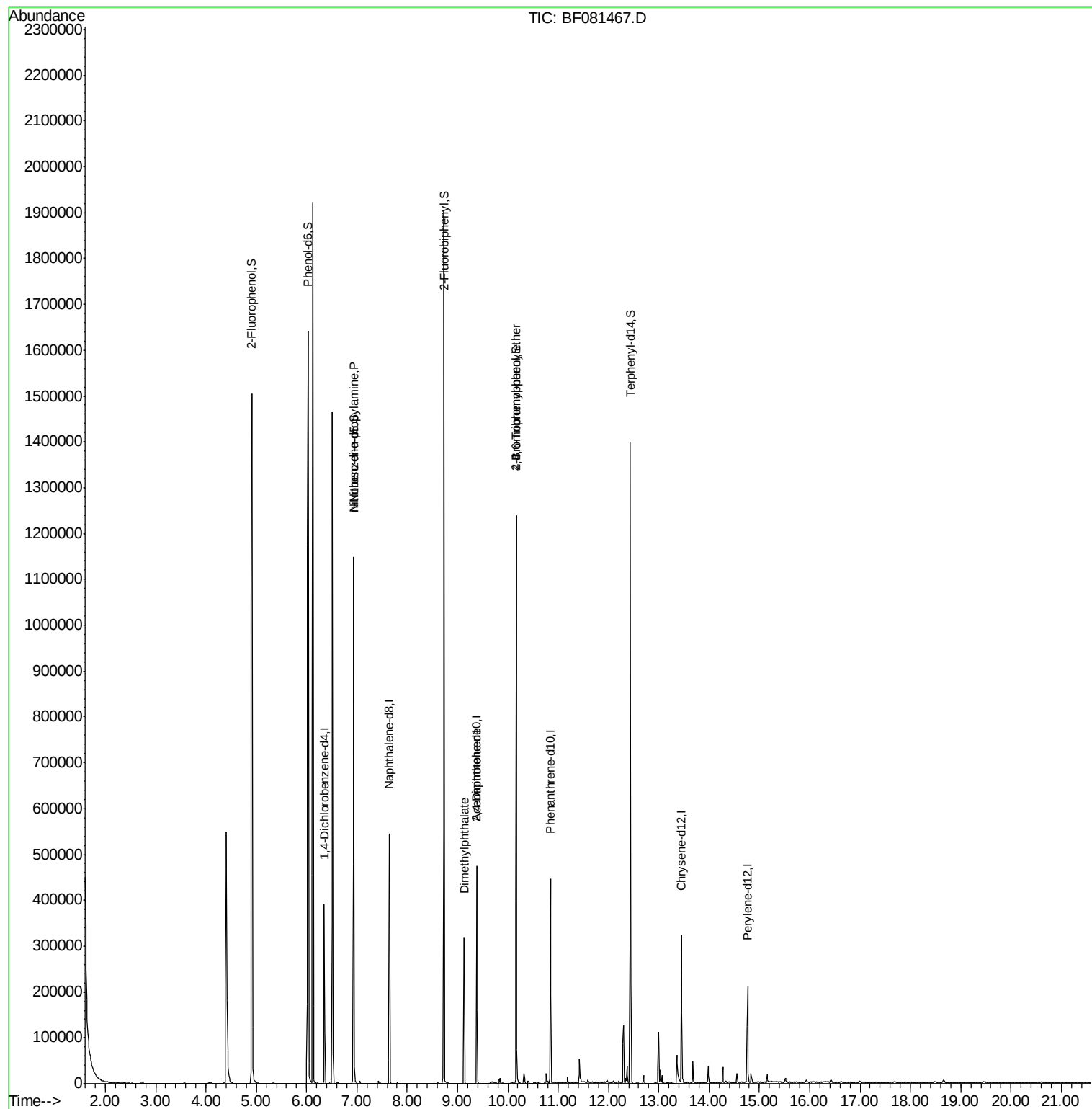
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53574	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	216715	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	97147	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	181211	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	132080	20.00	ng	-0.01
86) Perylene-d12	14.77	264	98781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	485376	140.57	ng	0.02
7) Phenol-d6	6.03	99	703577	153.93	ng	0.00
23) Nitrobenzene-d5	6.94	82	385076	85.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	111774	129.22	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	579526	76.45	ng	0.00
78) Terphenyl-d14	12.43	244	423765	74.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	53061	17.06	ng	# 63
49) Dimethylphthalate	9.13	163	112403	14.89	ng	# 96
56) 2,4-Dinitrotoluene	9.38	165	12081	5.54	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	8822	4.81	ng	# 1

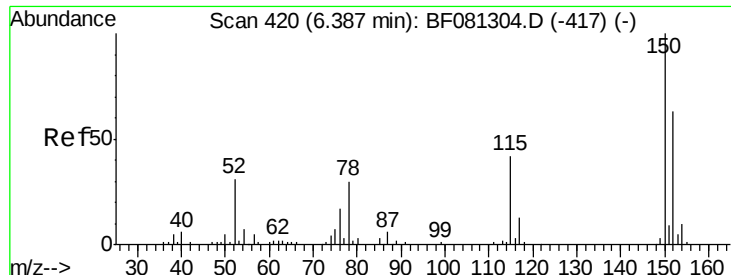
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

Instrument :

BNA_F

ClientSampleId :

MGP226BR-10-20

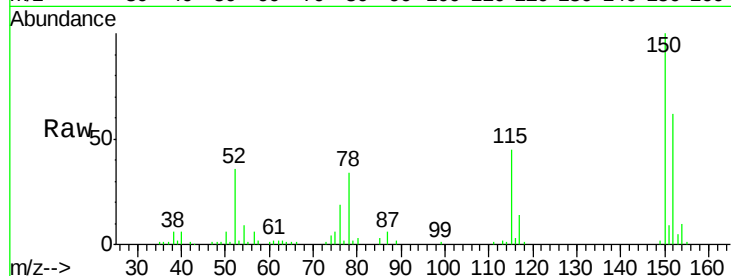
Tot Ion:152 Resp: 53574

Ion Ratio Lower Upper

152 100

150 162.1 124.7 187.1

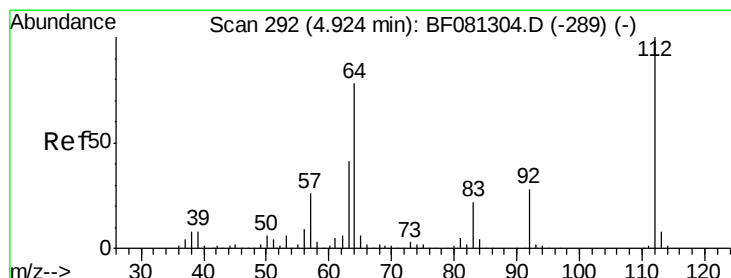
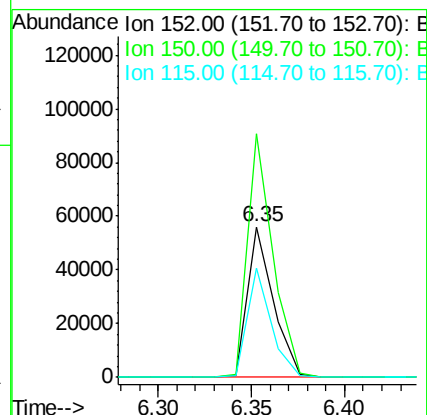
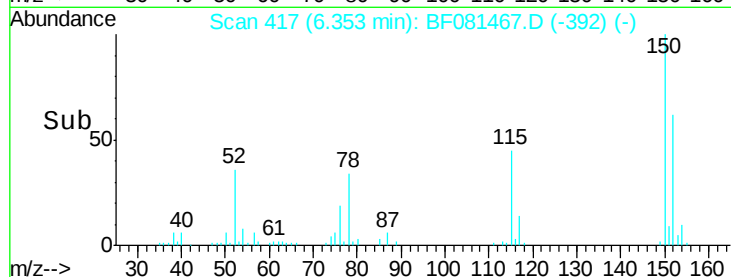
115 72.6 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 140.57 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

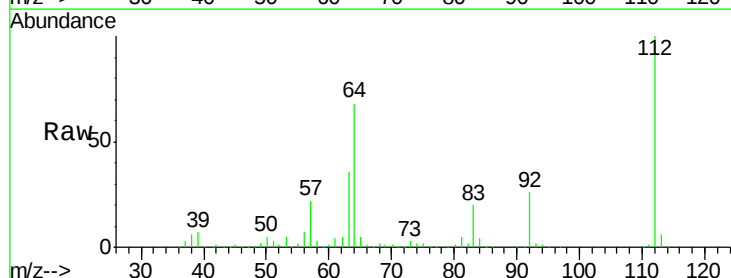
Tgt Ion:112 Resp: 485376

Ion Ratio Lower Upper

112 100

64 67.6 39.7 59.5#

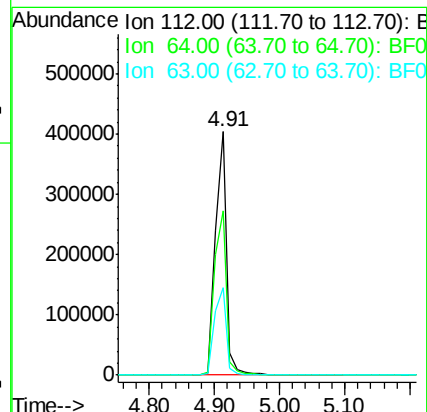
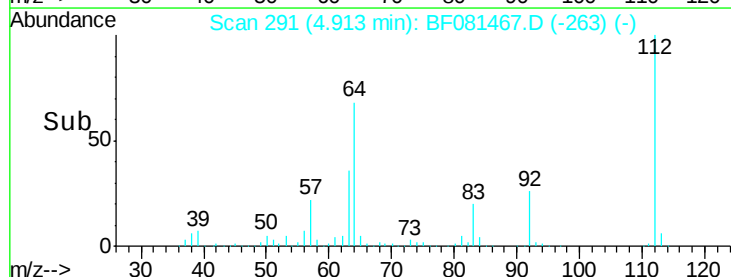
63 35.7 17.4 26.0#

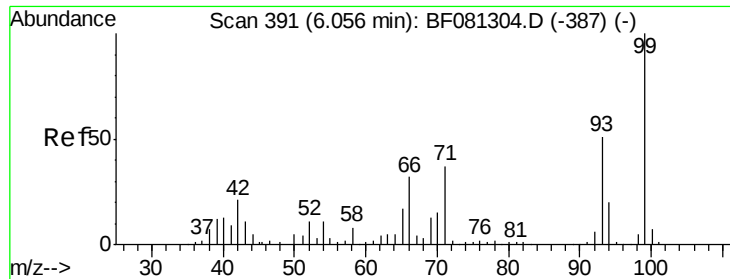


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.93 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

Instrument :

BNA_F

ClientSampleId :

MGP226BR-10-20

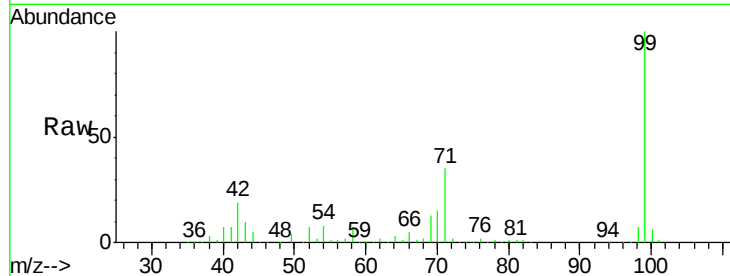
Tot Ion: 99 Resp: 703577

Ion Ratio Lower Upper

99 100

42 19.1 13.7 20.5

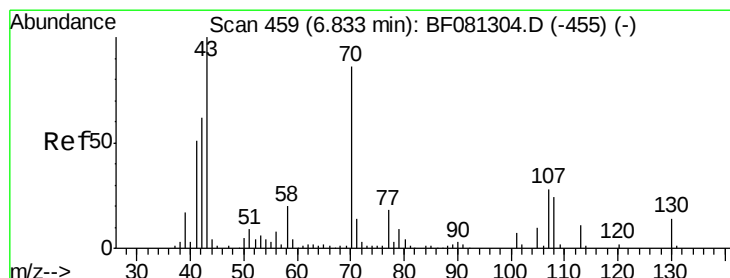
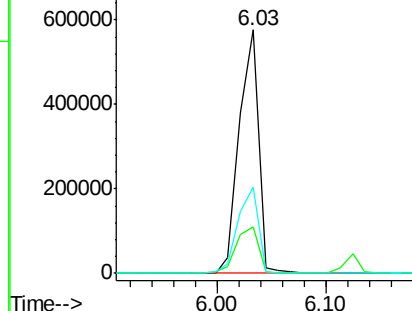
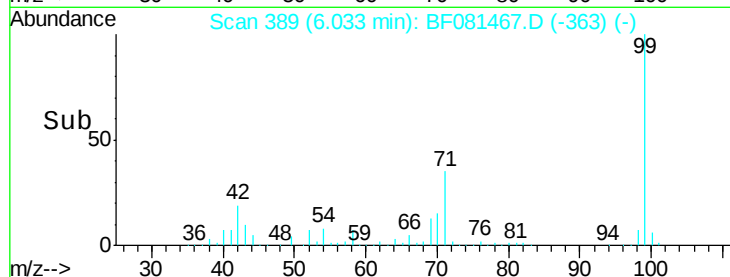
71 35.4 14.2 21.2#



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: 17.06 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

Tgt Ion: 70 Resp: 53061

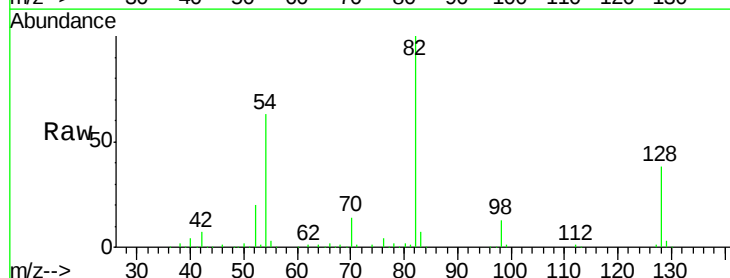
Ion Ratio Lower Upper

70 100

42 53.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

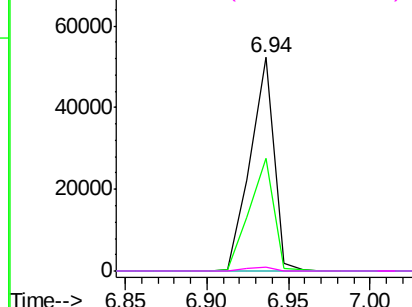
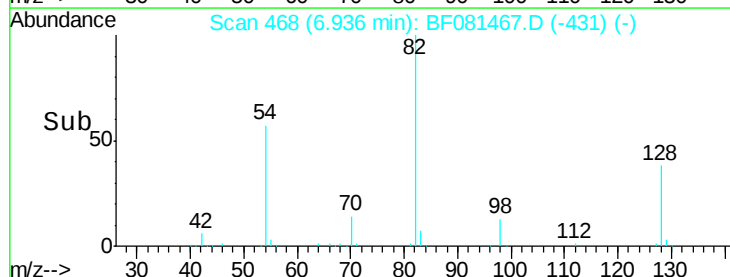


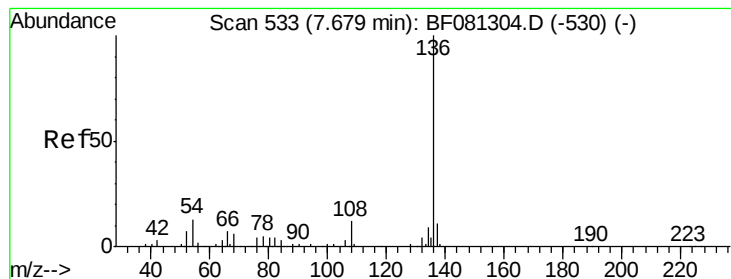
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

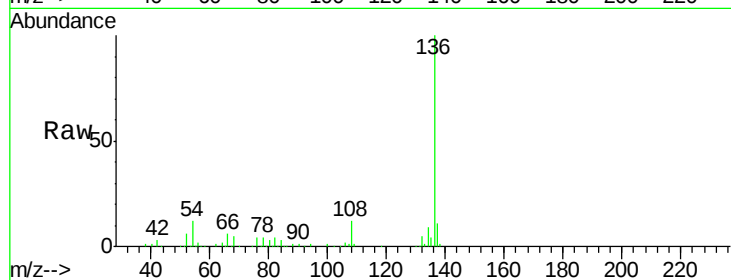
Instrument :

BNA_F

ClientSampleId :

MGP226BR-10-20

Tot Ion:136	Resp:	216715
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	11.8	8.2 12.2
68	5.3	5.8 8.6#

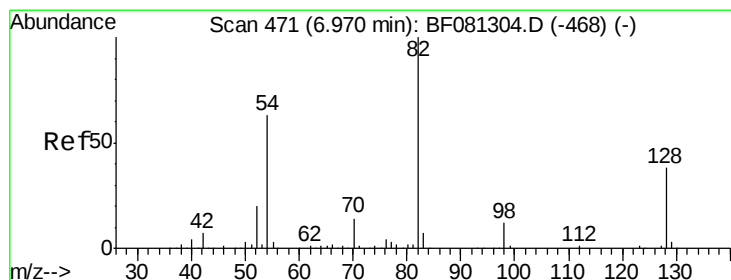
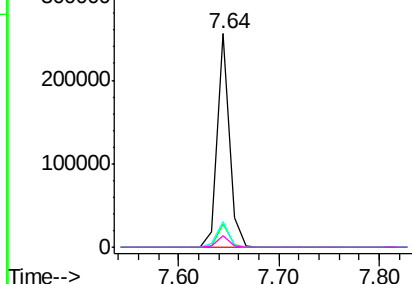
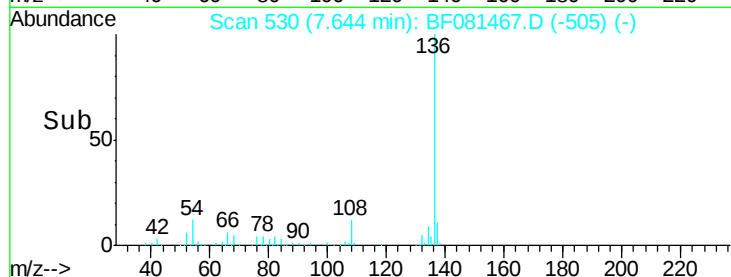


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.73 ng

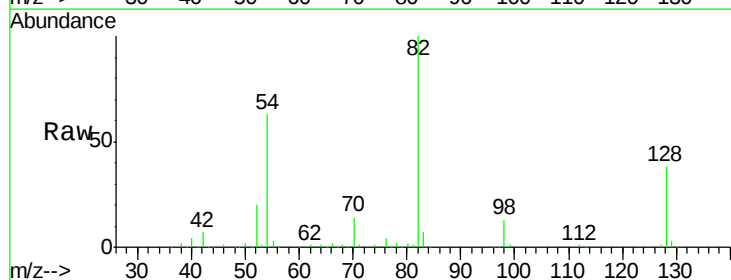
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

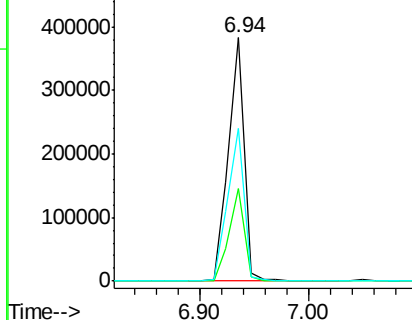
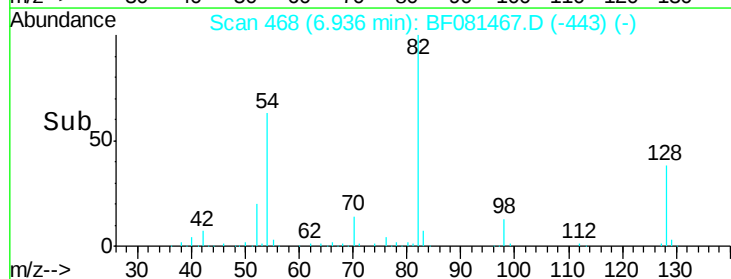
Tgt Ion: 82	Resp:	385076
Ion Ratio	Lower	Upper
82	100	
128	38.1	51.0 76.6#
54	63.0	47.5 71.3

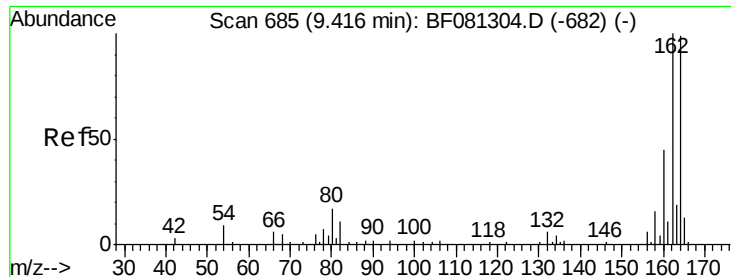


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

Instrument :

BNA_F

ClientSampleId :

MGP226BR-10-20

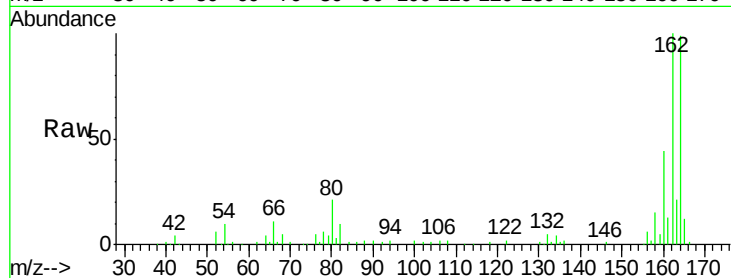
Tot Ion:164 Resp: 97147

Ion Ratio Lower Upper

164 100

162 101.0 75.2 112.8

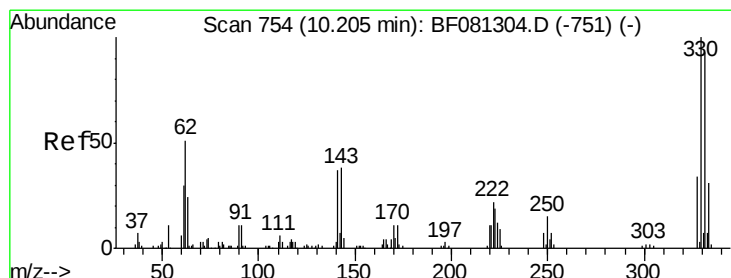
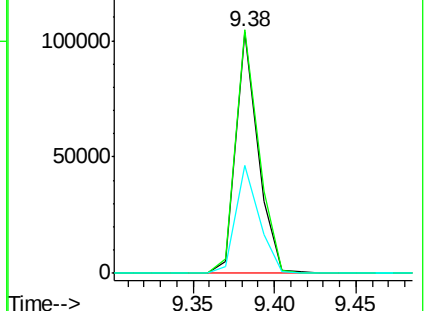
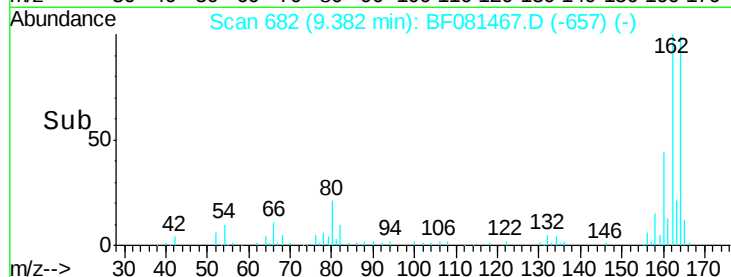
160 44.8 31.5 47.3



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: 129.22 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

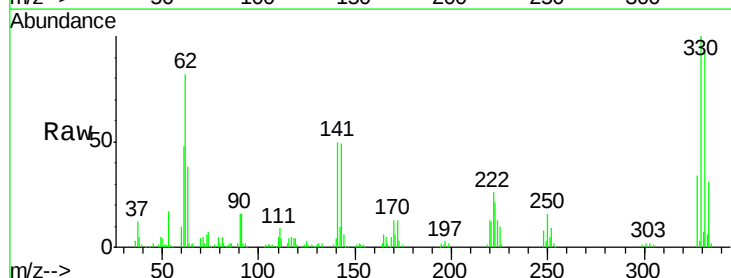
Tgt Ion:330 Resp: 111774

Ion Ratio Lower Upper

330 100

332 93.6 76.6 114.8

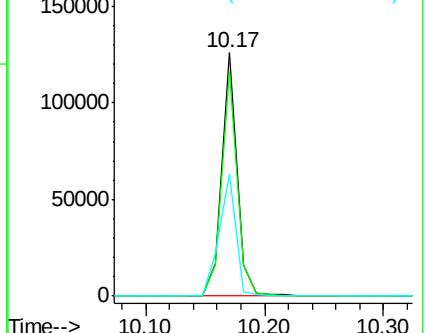
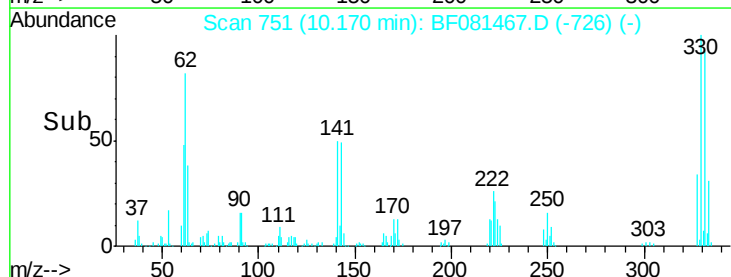
141 55.1 29.7 44.5#

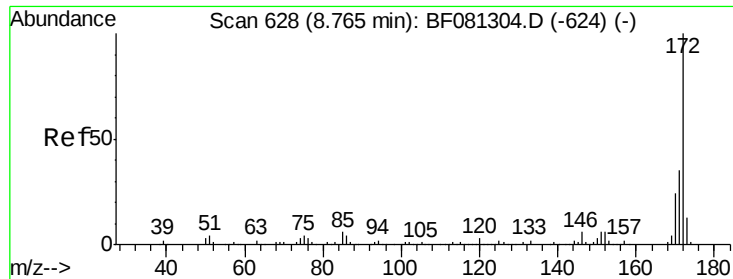


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

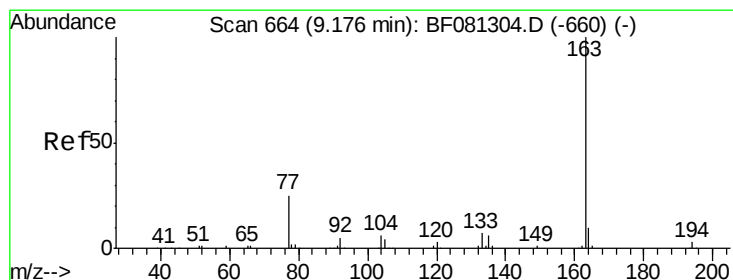
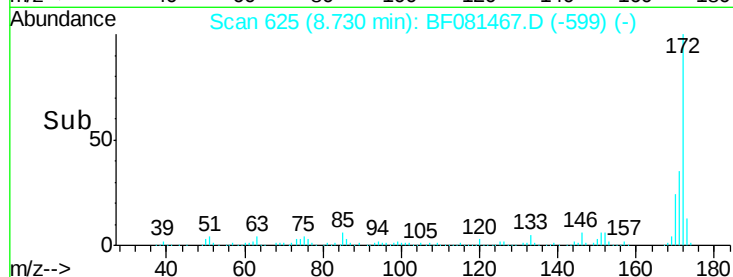
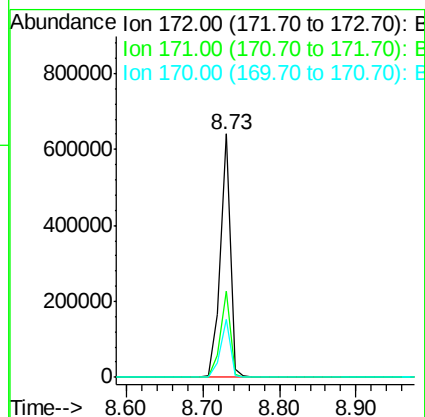
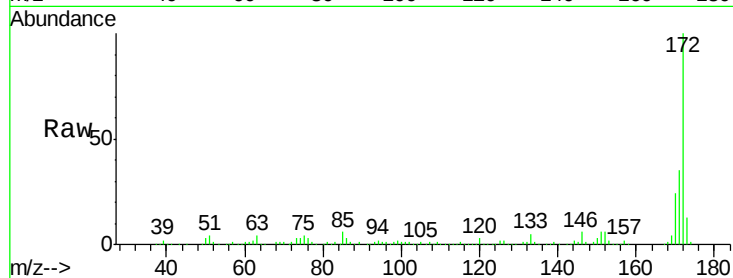




#44
 2-Fluorobiphenyl
 Concen: 76.45 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081467.D
 Acq: 5 Sep 2015 16:19

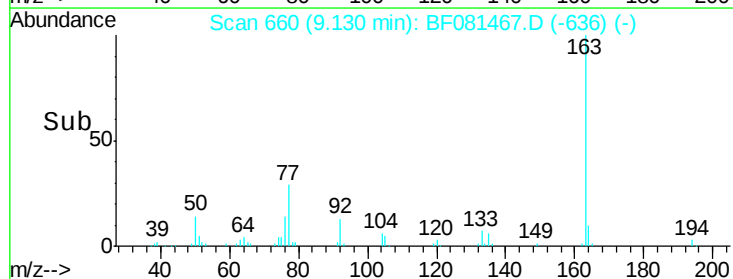
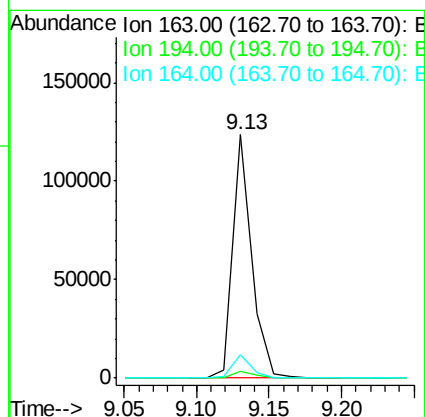
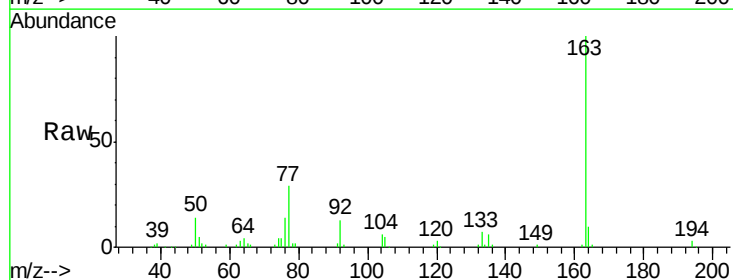
Instrument :
 BNA_F
 ClientSampleId :
 MGP226BR-10-20

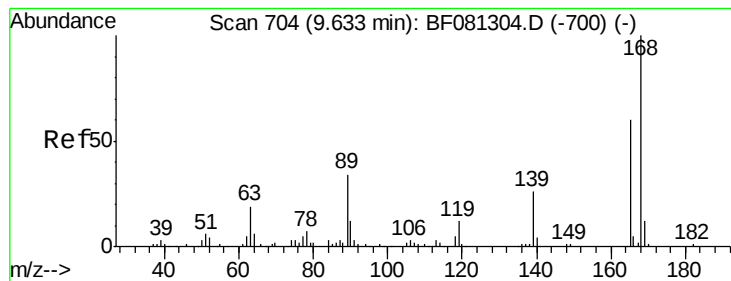
Tot Ion:172 Resp: 579526
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.0 17.4 26.2



#49
 Dimethylphthalate
 Concen: 14.89 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF081467.D
 Acq: 5 Sep 2015 16:19

Tgt Ion:163 Resp: 112403
 Ion Ratio Lower Upper
 163 100
 194 2.7 4.4 6.6#
 164 9.8 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.54 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081467.D

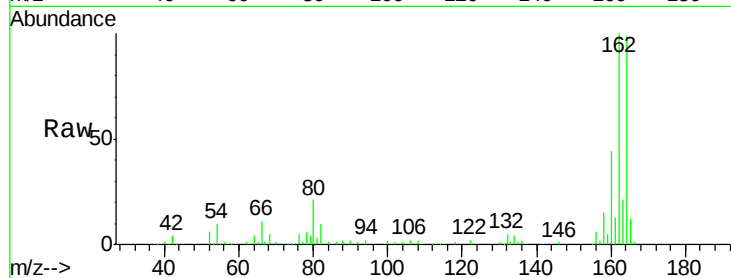
Acq: 5 Sep 2015 16:19

Instrument :

BNA_F

ClientSampleId :

MGP226BR-10-20



Tot Ion:165 Resp: 12081

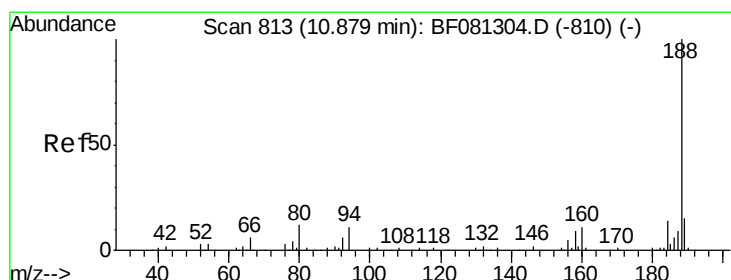
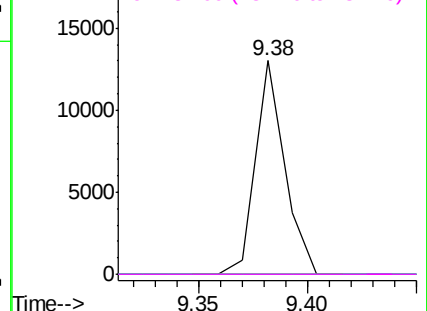
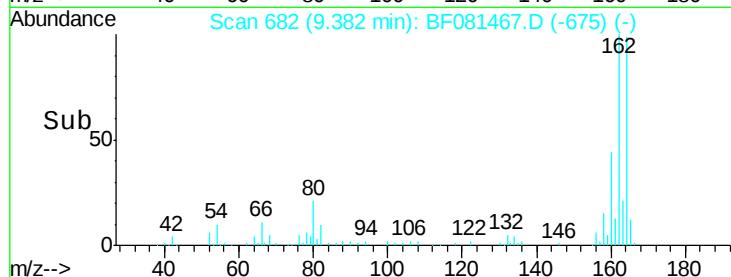
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF081467.D

Acq: 5 Sep 2015 16:19

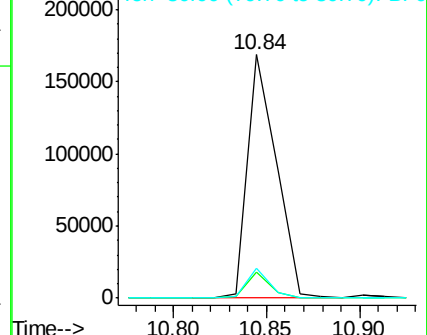
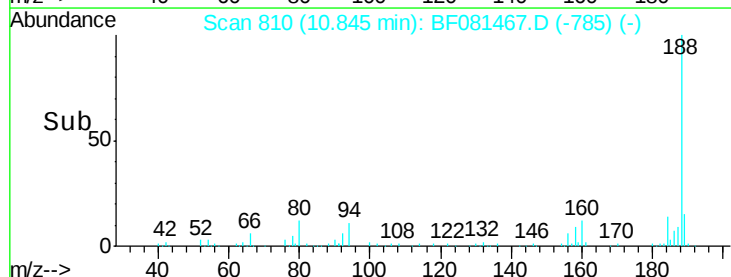
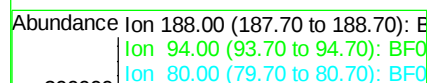
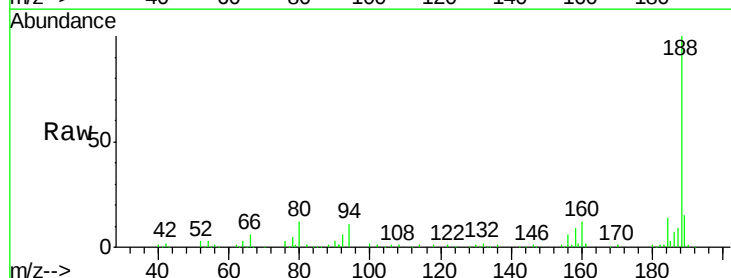
Tgt Ion:188 Resp: 181211

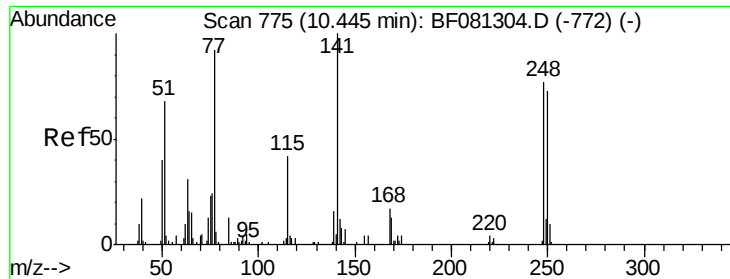
Ion Ratio Lower Upper

188 100

94 10.7 11.1 16.7#

80 12.0 11.0 16.4

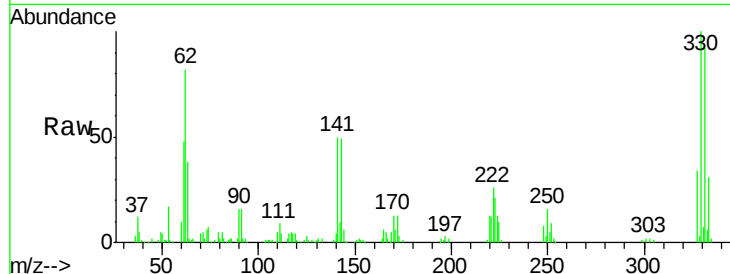




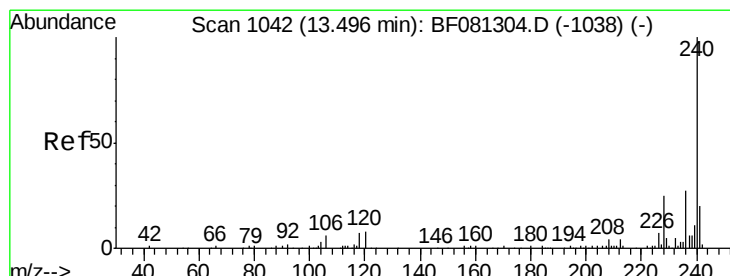
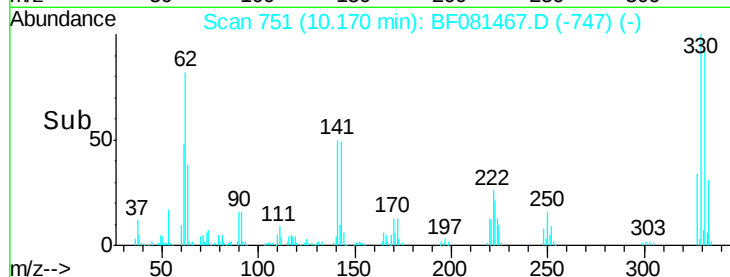
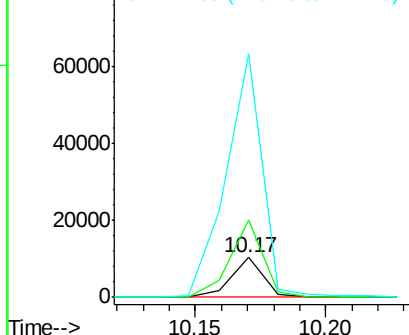
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081467.D
Acq: 5 Sep 2015 16:19

Instrument :
BNA_F
ClientSampleId :
MGP226BR-10-20

Tot Ion:248 Resp: 8822
Ion Ratio Lower Upper
248 100
250 196.8 78.5 117.7#
141 616.9 59.0 88.6#

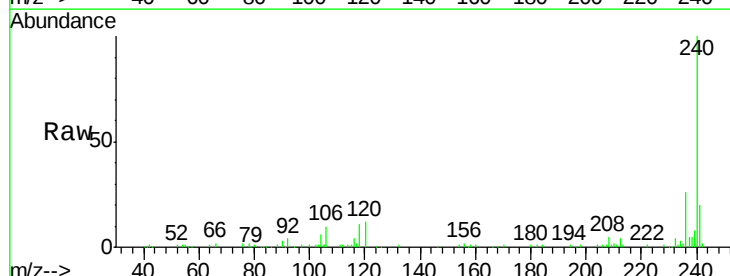


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

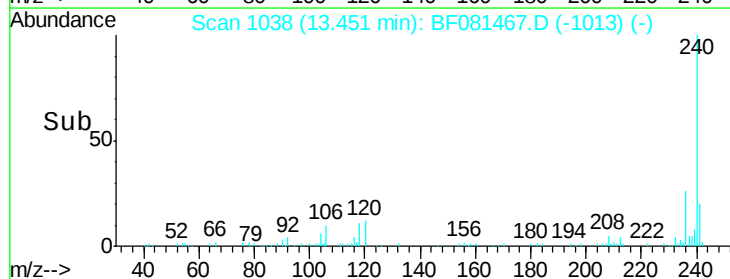
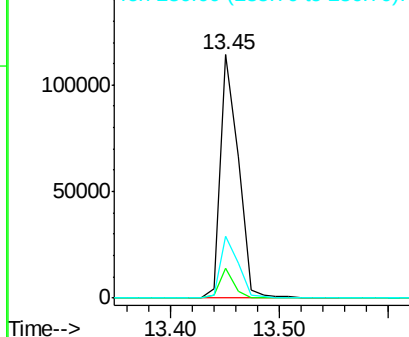


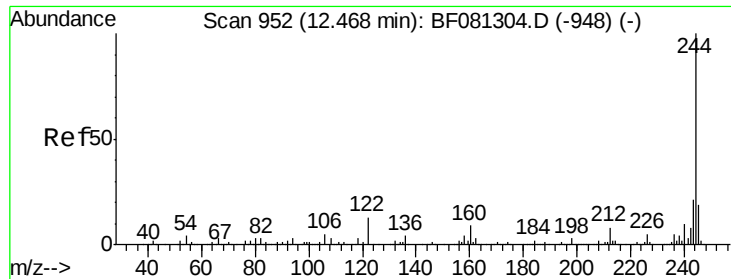
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081467.D
Acq: 5 Sep 2015 16:19

Tgt Ion:240 Resp: 132080
Ion Ratio Lower Upper
240 100
120 12.4 16.2 24.2#
236 25.5 18.4 27.6



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

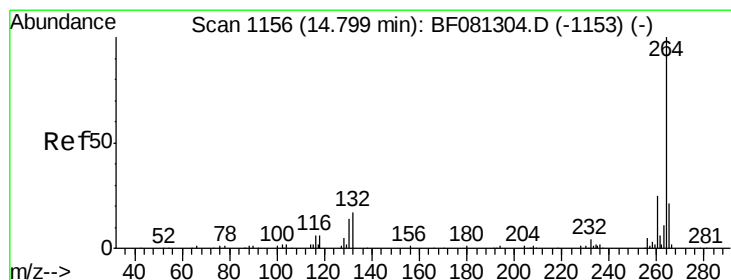
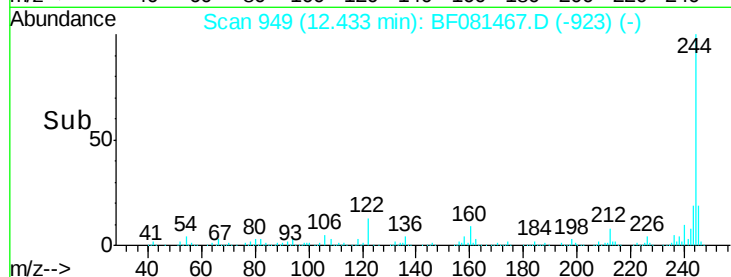
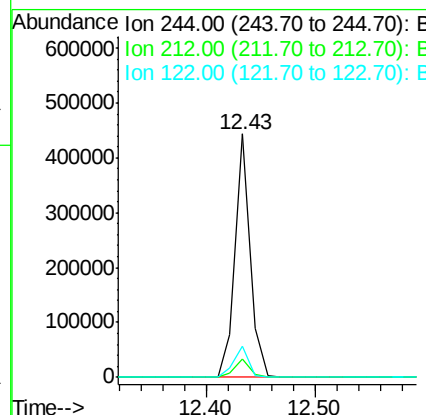
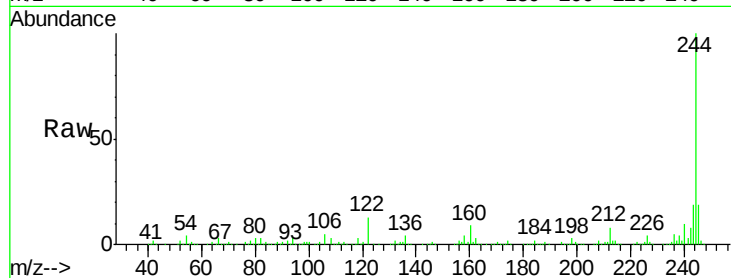




#78
 Terphenyl-d14
 Concen: 74.69 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF081467.D
 Acq: 5 Sep 2015 16:19

Instrument :
 BNA_F
 ClientSampleId :
 MGP226BR-10-20

Tot Ion:244 Resp: 423765
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 12.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF081467.D
 Acq: 5 Sep 2015 16:19

Tgt Ion:264 Resp: 98781
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 20.3 17.2 25.8

