

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081501.D
 Acq On : 6 Sep 2015 10:42
 Operator : UM/IZ
 Sample : G3469-04RE
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5RE

Quant Time: Sep 07 01:55:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52806	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	200659	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	89996	20.00	ng	-0.03
63) Phenanthrene-d10	10.86	188	178887	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	120080	20.00	ng	-0.03
86) Perylene-d12	14.77	264	88899	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.91	112	557563	163.82	ng	-0.01
7) Phenol-d6	6.03	99	744488	165.25	ng	-0.02
23) Nitrobenzene-d5	6.94	82	438846	105.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	128959	160.93	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	715247	101.85	ng	-0.03
78) Terphenyl-d14	12.43	244	621819	120.54	ng	-0.03

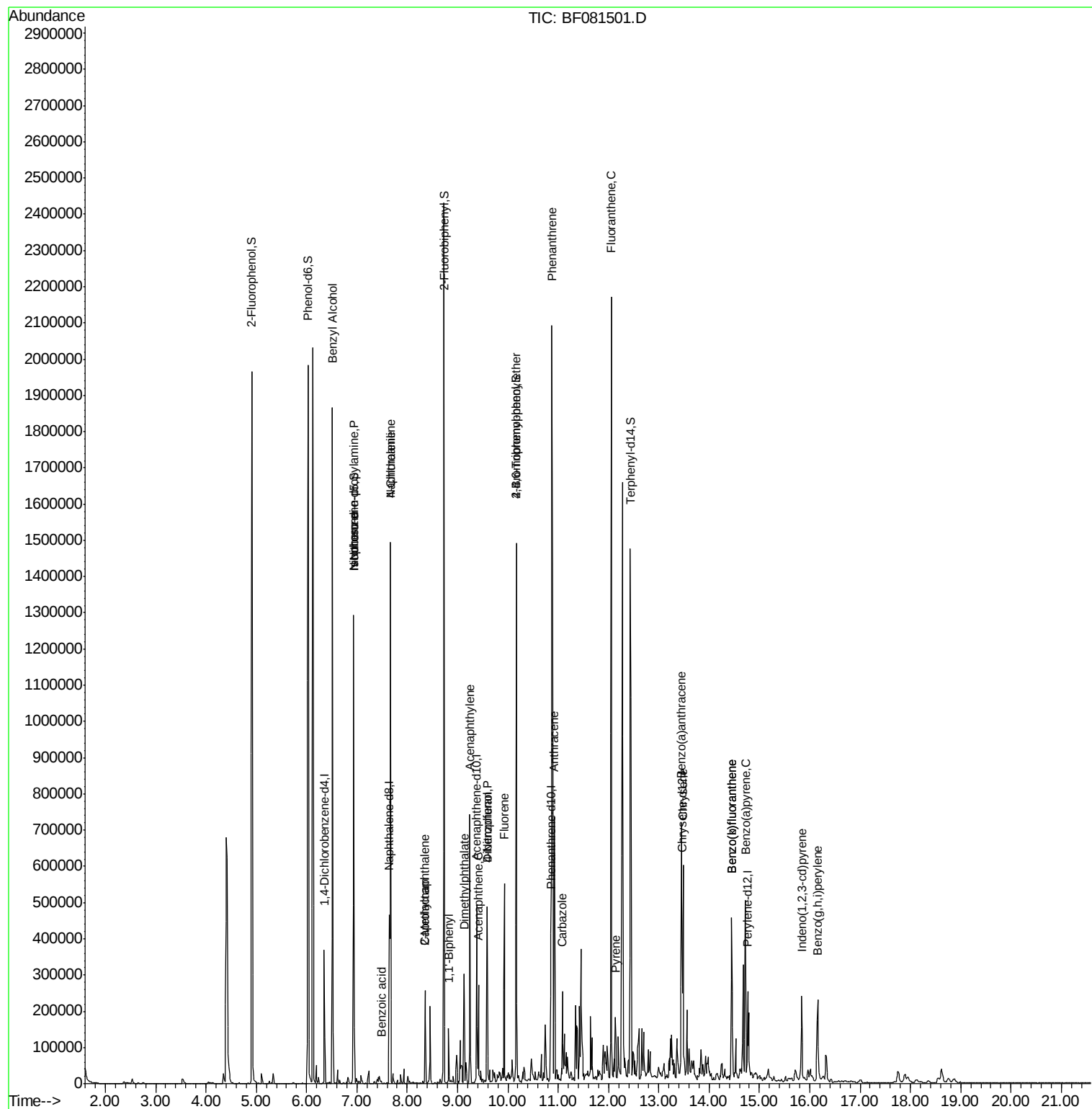
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.51	79	9048	2.45	ng	# 32
19) n-Nitroso-di-n-propylamine	6.94	70	62096	20.25	ng	# 64
25) Isophorone	6.94	82	326963	42.27	ng	# 58
31) Naphthalene	7.67	128	634414	59.28	ng	# 98
32) Benzoic acid	7.48	122	2450	3.54	ng	# 47
33) 4-Chloroaniline	7.67	127	82601	18.92	ng	# 33
35) Caprolactam	8.35	113	2179	2.52	ng	# 1
37) 2-Methylnaphthalene	8.35	142	86820	12.47	ng	# 88
45) 1,1'-Biphenyl	8.82	154	42302	5.11	ng	# 95
48) Acenaphthylene	9.24	152	276104	26.03	ng	# 97
49) Dimethylphthalate	9.13	163	100611	14.39	ng	# 97
51) Acenaphthene	9.42	154	54365	9.01	ng	# 91
54) Dibenzofuran	9.59	168	163559	18.56	ng	# 84
55) 4-Nitrophenol	9.59	139	67977	59.89	ng	# 28
57) Fluorene	9.93	166	178809	26.74	ng	# 94
66) 4-Bromophenyl-phenylether	10.17	248	9485	5.24	ng	# 1
70) Phenanthrene	10.88	178	1202841	120.95	ng	# 96
71) Anthracene	10.92	178	256297	25.08	ng	# 97
72) Carbazole	11.08	167	102488	10.69	ng	# 96
74) Fluoranthene	12.06	202	957461	88.93	ng	# 90
77) Pyrene	12.14	202	77769	8.74	ng	# 98
80) Benzo(a)anthracene	13.45	228	287871	37.64	ng	# 90
82) Chrysene	13.49	228	172463	25.16	ng	# 93
85) Indeno(1,2,3-cd)pyrene	15.84	276	142505	28.33	ng	# 81
87) Benzo(b)fluoranthene	14.45	252	308143	48.55	ng	# 87
88) Benzo(k)fluoranthene	14.45	252	308143	58.51	ng	# 87
89) Benzo(a)pyrene	14.72	252	184679	34.34	ng	# 84
91) Benzo(g,h,i)perylene	16.16	276	159596	40.24	ng	# 74

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

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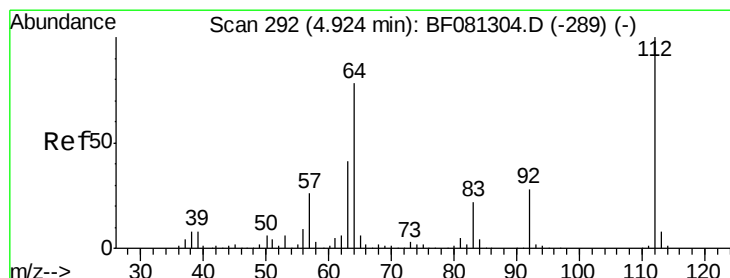
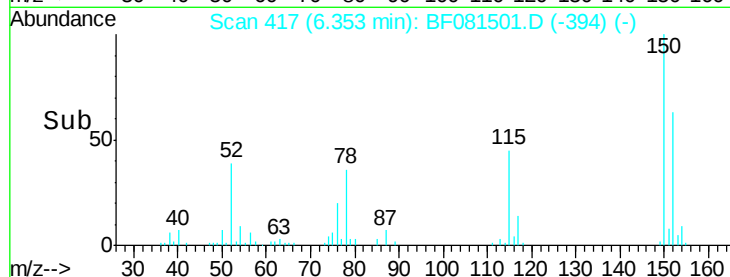
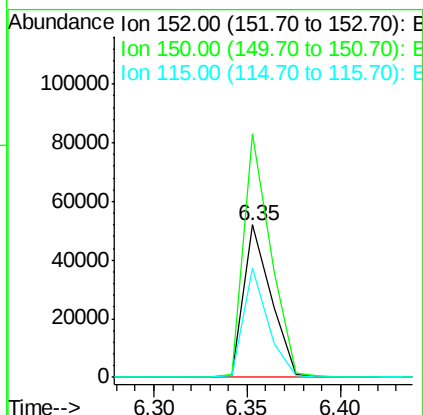
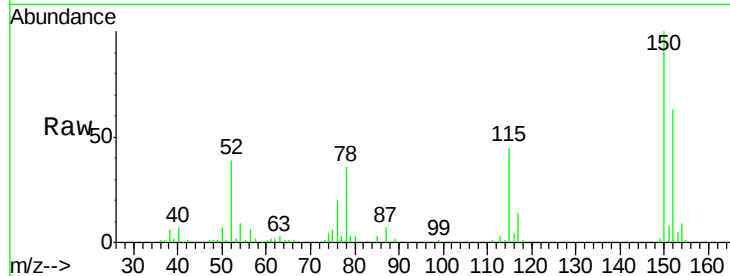


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

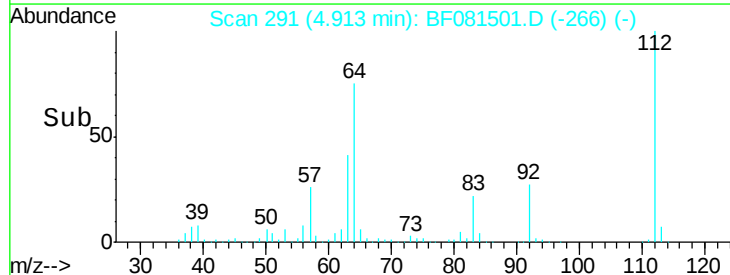
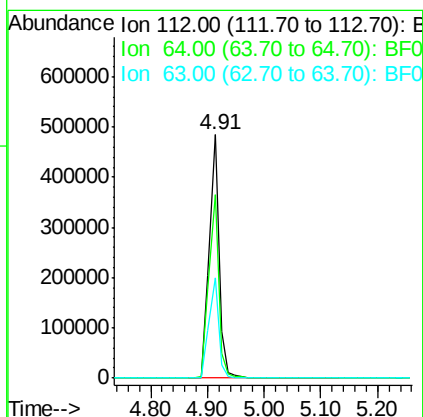
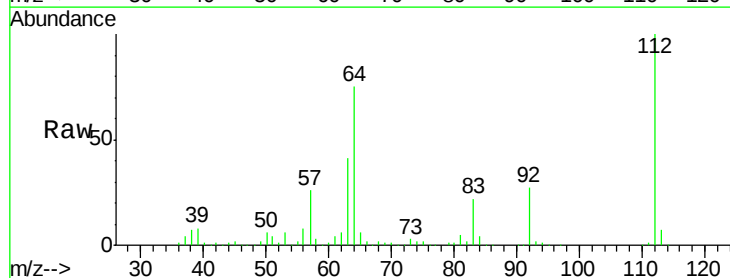
Tot Ion:152 Resp: 52806
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 71.7 39.0 58.4#

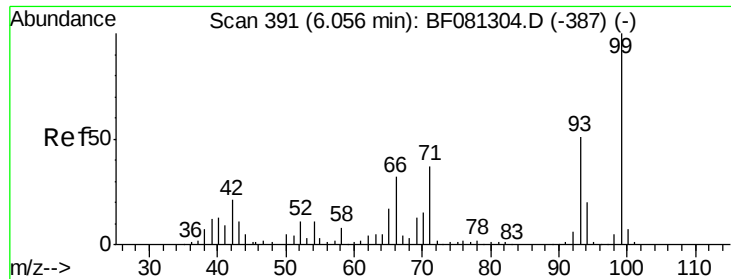


#5

2-Fluorophenol
Concen: 163.82 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:112 Resp: 557563
Ion Ratio Lower Upper
112 100
64 75.5 39.7 59.5#
63 41.1 17.4 26.0#





#7

Phenol-d6

Concen: 165.25 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5RE

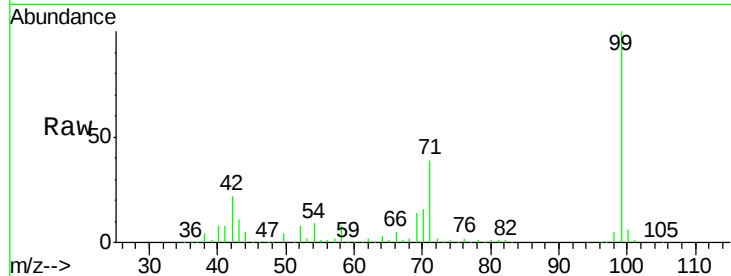
Tot Ion: 99 Resp: 744488

Ion Ratio Lower Upper

99 100

42 22.3 13.7 20.5#

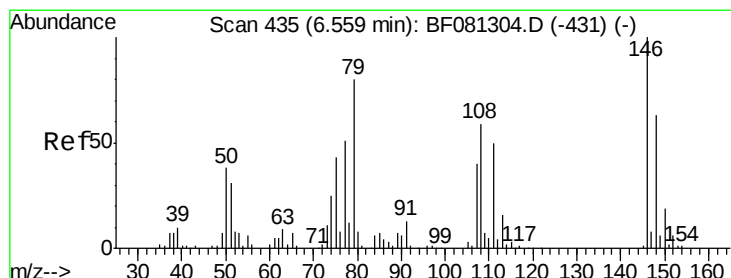
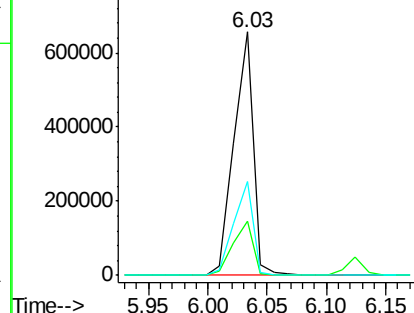
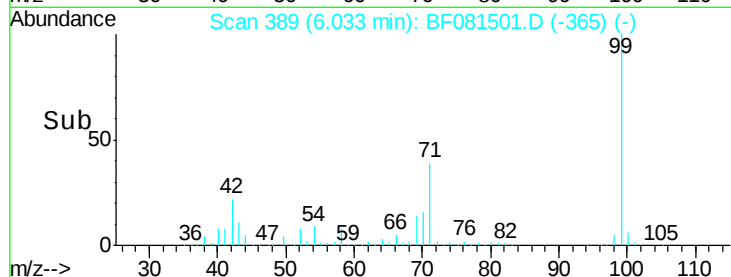
71 38.5 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.45 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

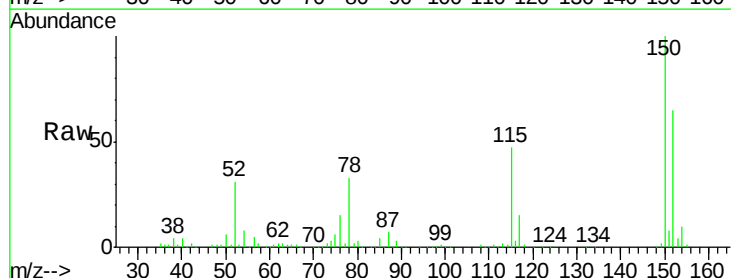
Tgt Ion: 79 Resp: 9048

Ion Ratio Lower Upper

79 100

108 24.4 88.6 132.8#

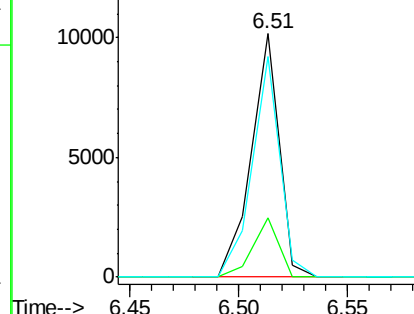
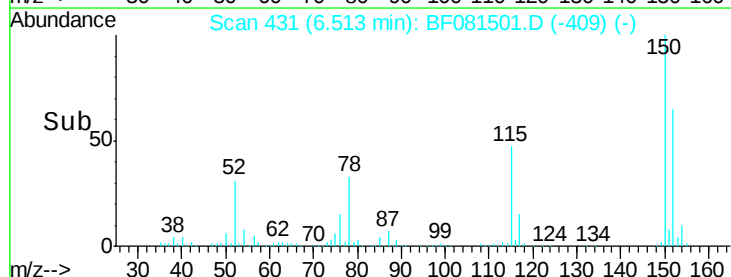
77 90.6 47.0 70.4#

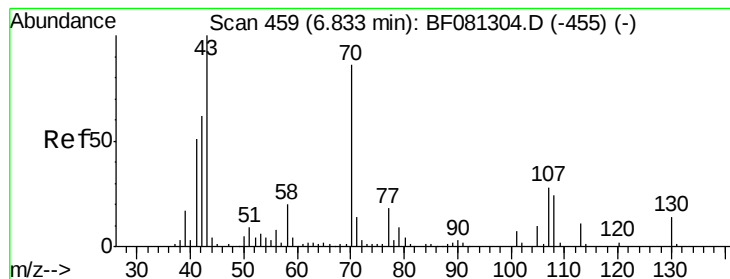


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 20.25 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5RE

Tot Ion: 70 Resp: 62096

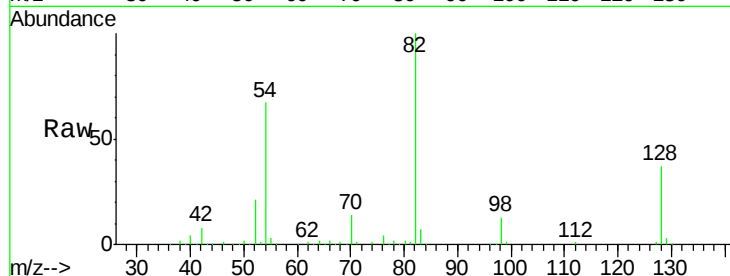
Ion Ratio Lower Upper

70 100

42 54.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

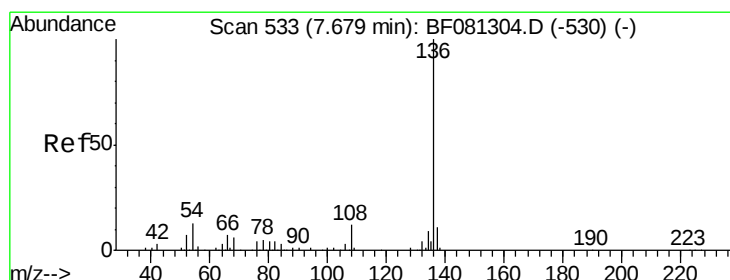
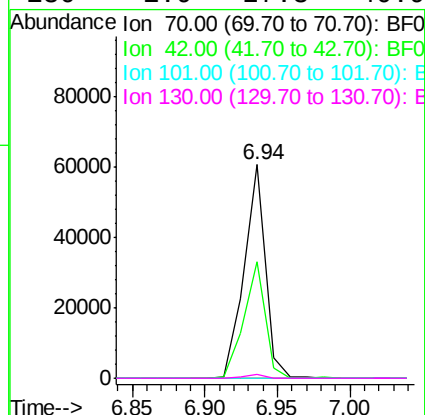
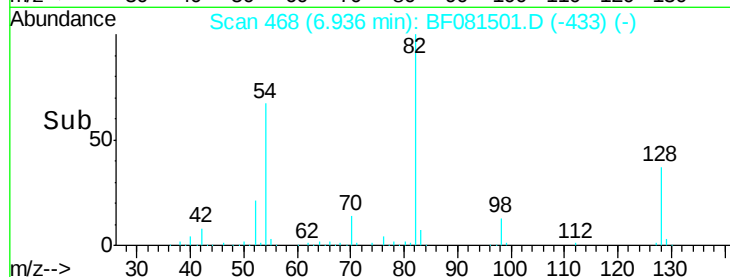


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

Tgt Ion: 136 Resp: 200659

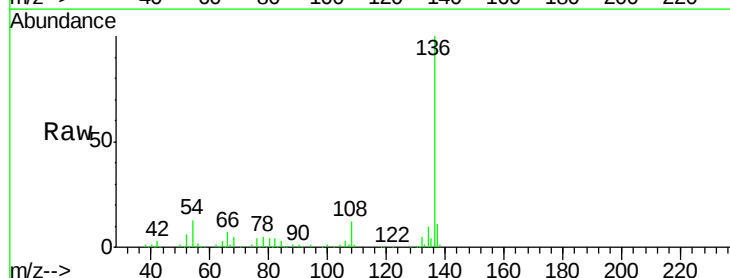
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.9 8.2 12.2#

68 5.3 5.8 8.6#

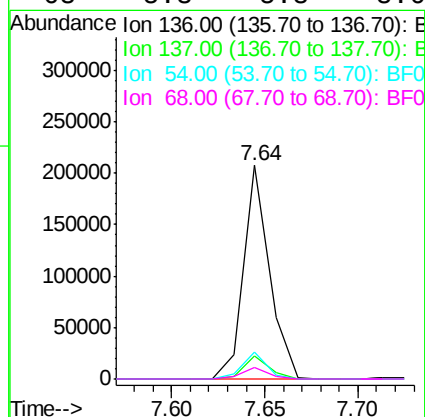
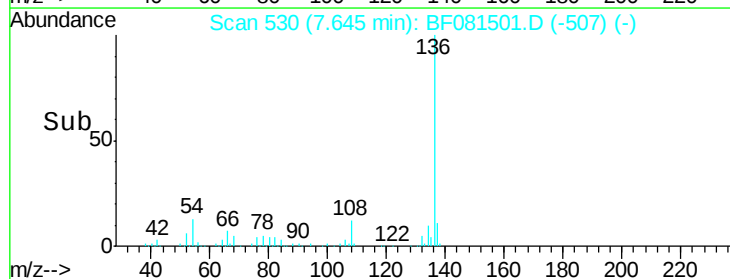


Abundance Ion 136.00 (135.70 to 136.70): E

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

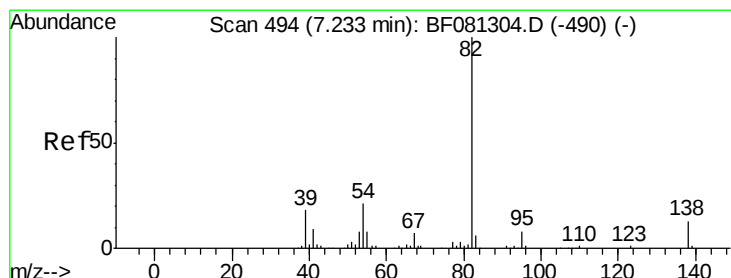
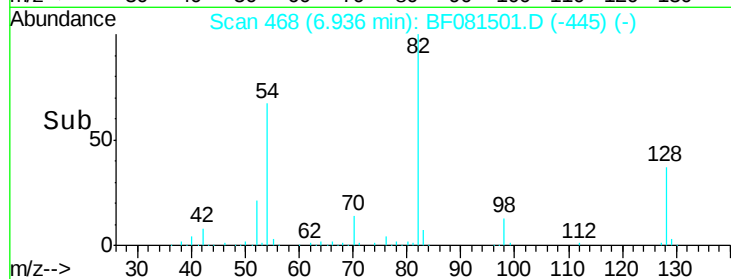
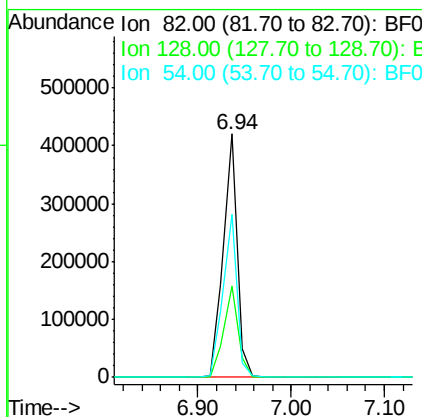
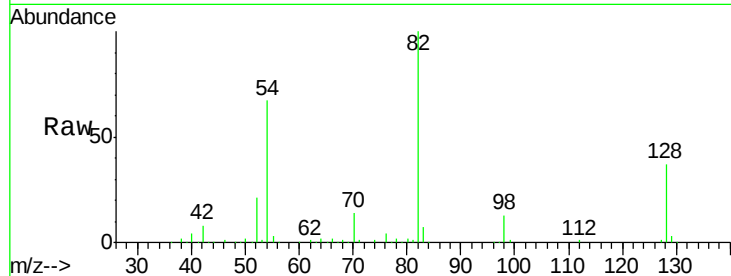




#23
 Nitrobenzene-d5
 Concen: 105.52 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

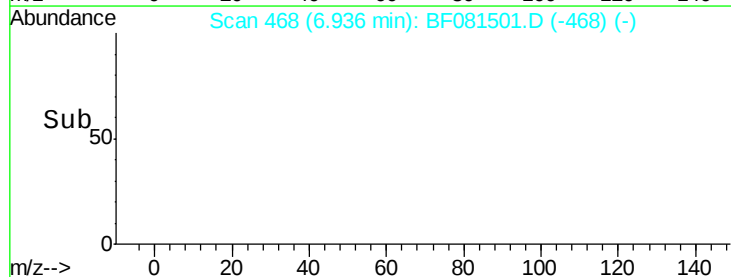
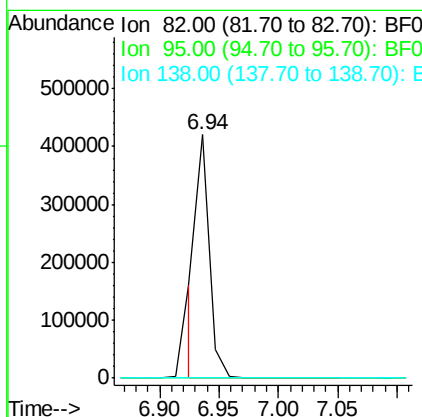
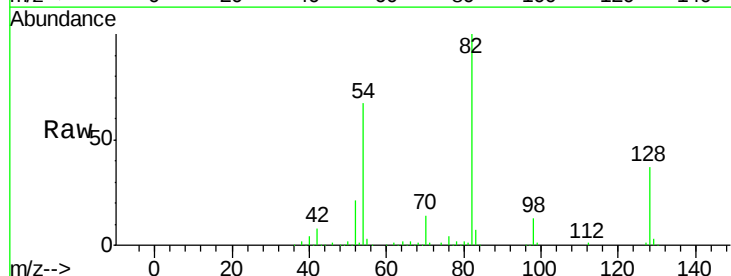
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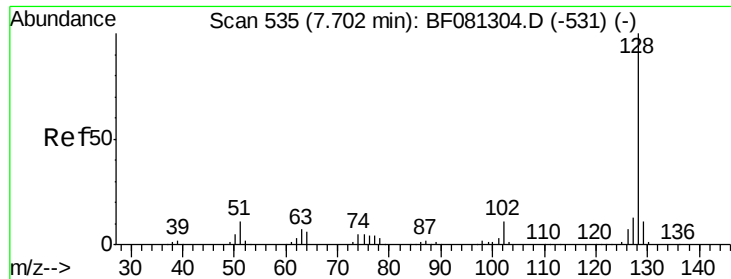
Tot Ion: 82 Resp: 438846
 Ion Ratio Lower Upper
 82 100
 128 37.5 51.0 76.6#
 54 66.7 47.5 71.3



#25
 Isophorone
 Concen: 42.27 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.30 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

Tgt Ion: 82 Resp: 326963
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

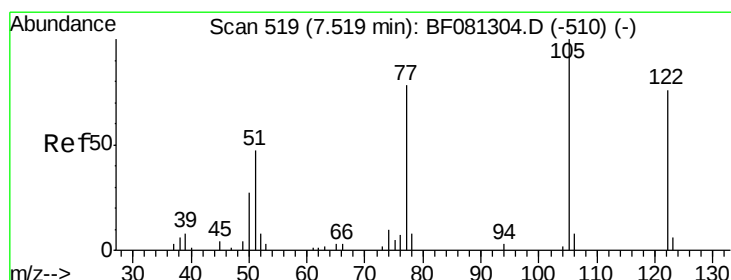
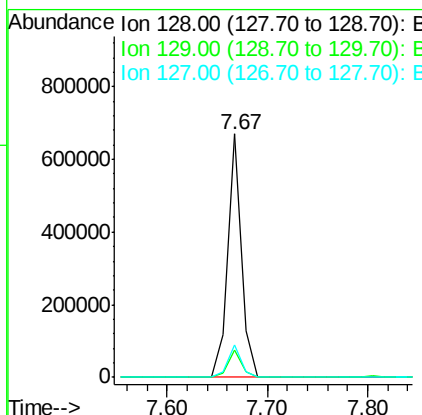
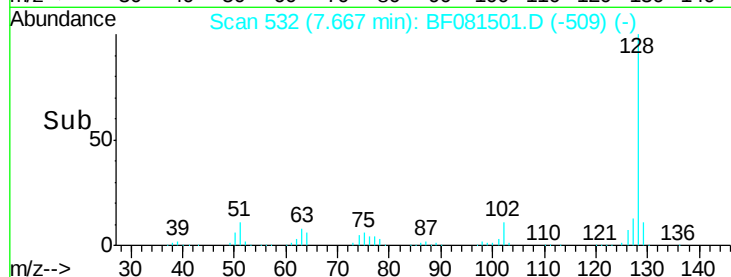
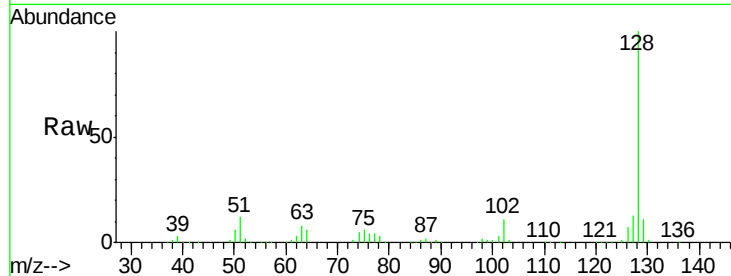




#31
Naphthalene
Concen: 59.28 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

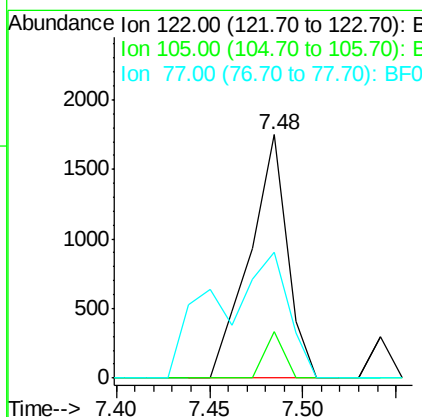
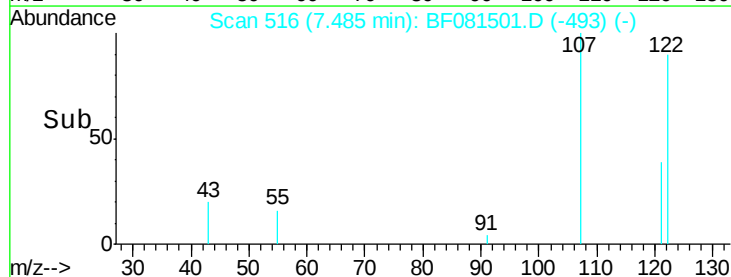
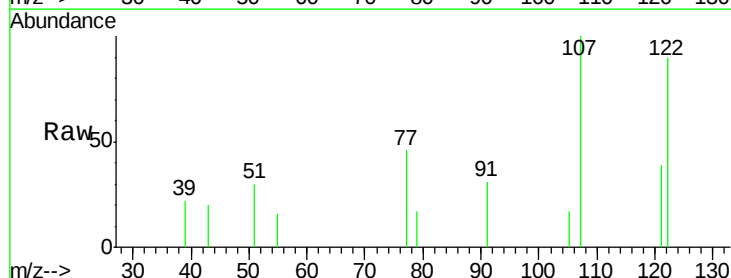
Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

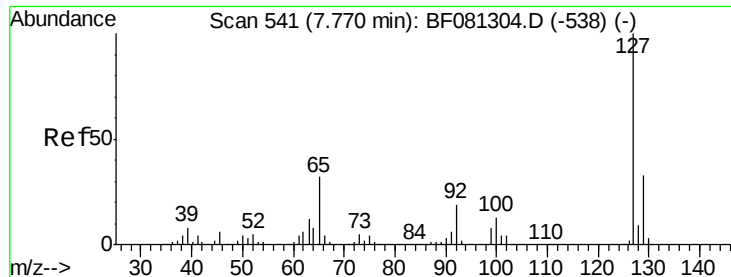
Tot Ion:128 Resp: 634414
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 3.54 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:122 Resp: 2450
Ion Ratio Lower Upper
122 100
105 19.3 76.1 116.1#
77 51.5 40.5 80.5

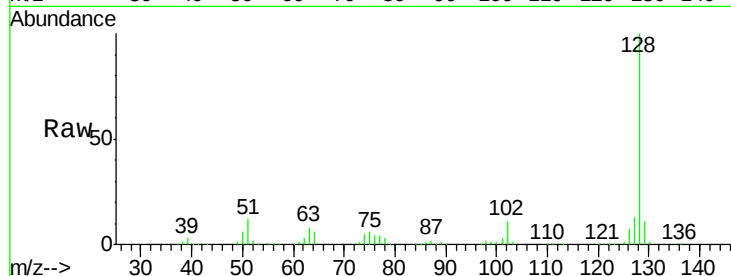




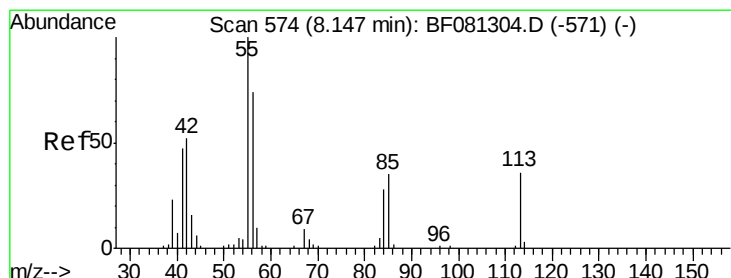
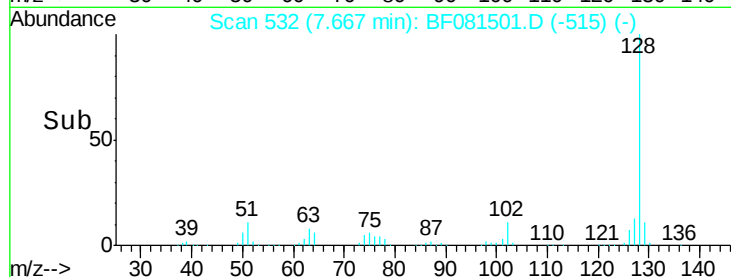
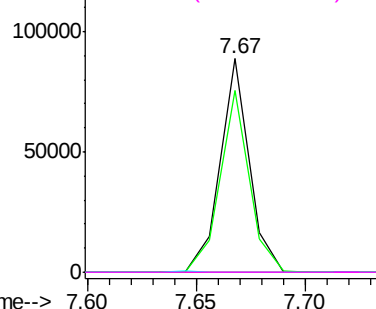
#33
4-Chloroaniline
Concen: 18.92 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.10 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tot Ion:127 Resp: 82601
Ion Ratio Lower Upper
127 100
129 85.2 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#

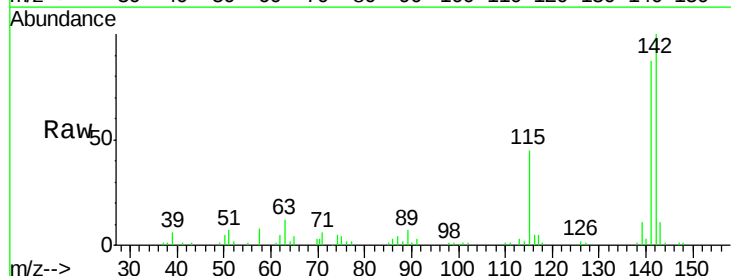


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

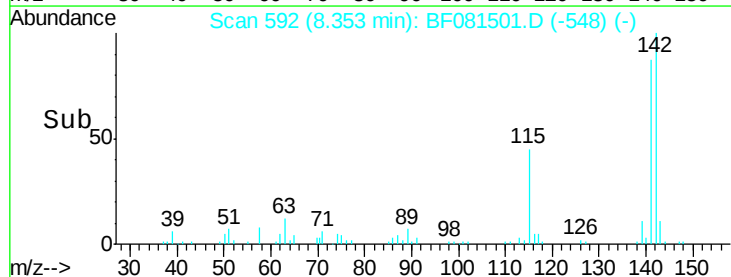
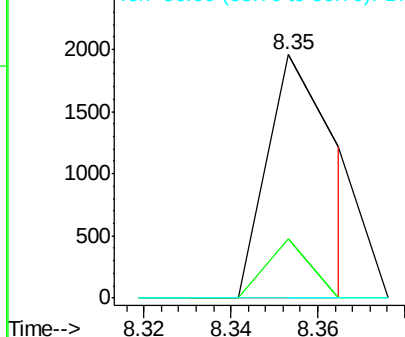


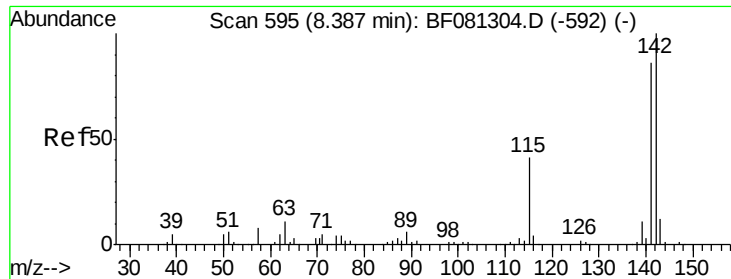
#35
Caprolactam
Concen: 2.52 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.21 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:113 Resp: 2179
Ion Ratio Lower Upper
113 100
55 24.3 152.4 192.4#
56 0.0 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

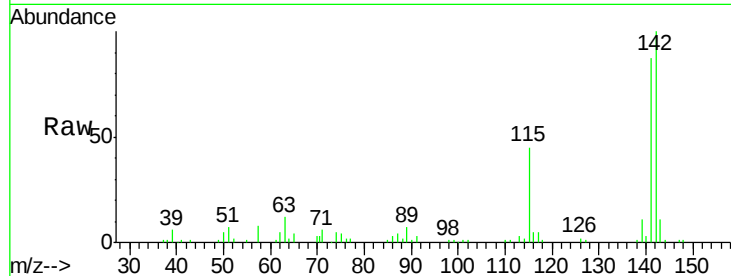




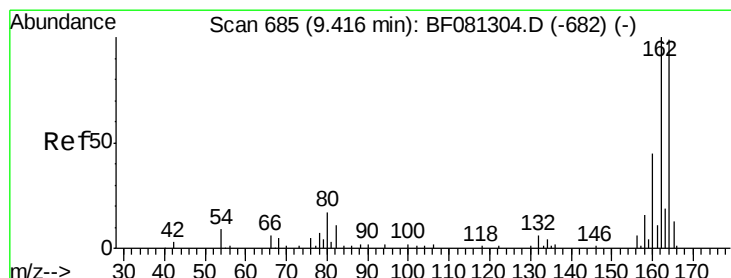
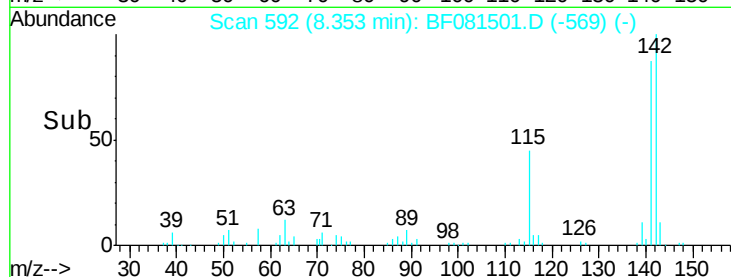
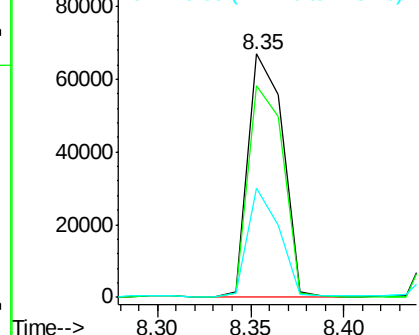
#37
2-Methylnaphthalene
Concen: 12.47 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tot Ion:142 Resp: 86820
Ion Ratio Lower Upper
142 100
141 87.0 67.5 101.3
115 44.8 18.2 27.2#

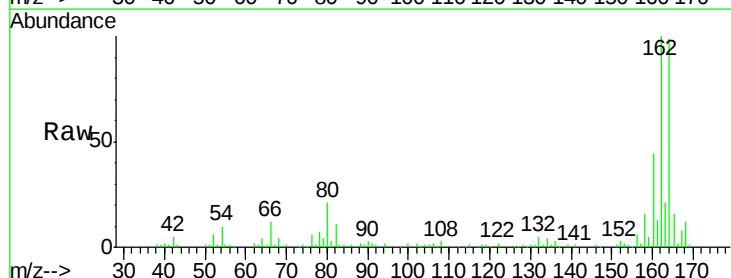


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

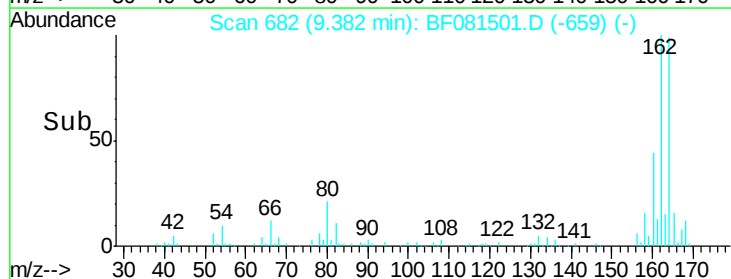
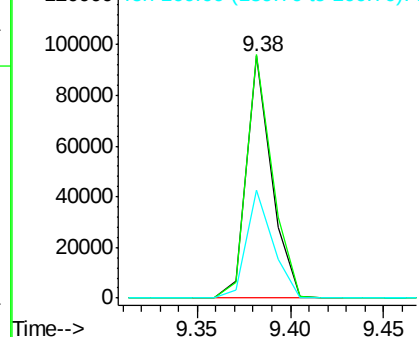


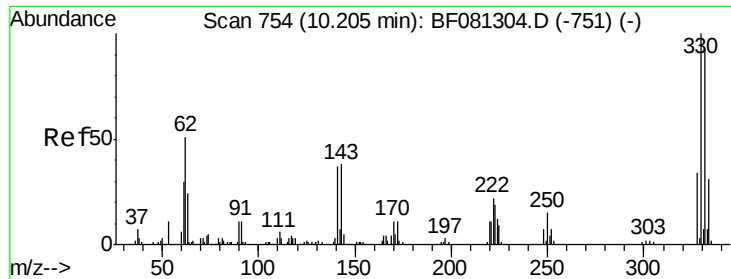
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:164 Resp: 89996
Ion Ratio Lower Upper
164 100
162 100.6 75.2 112.8
160 44.7 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

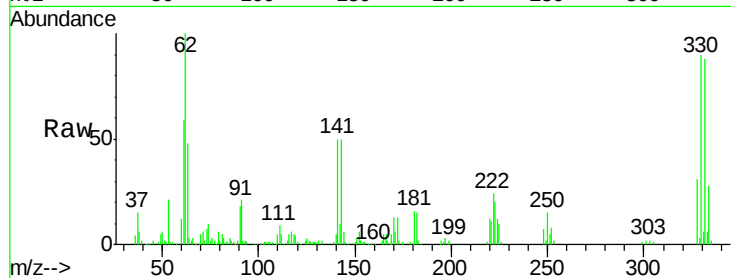




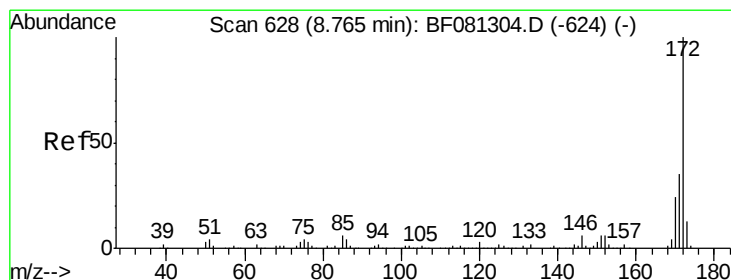
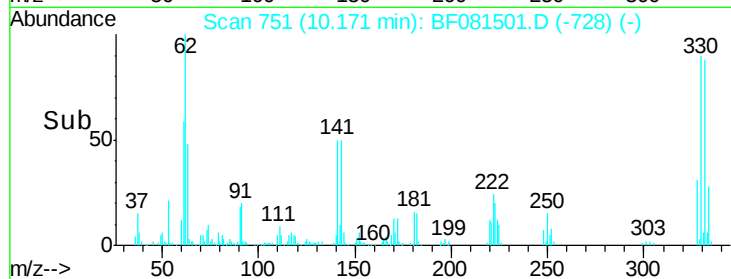
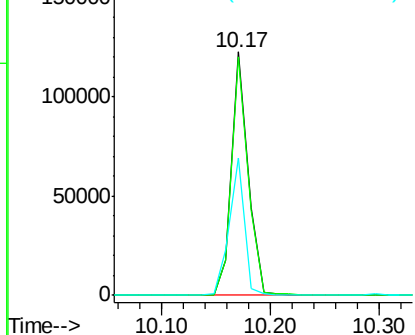
#41
 2,4,6-Tribromophenol
 Concen: 160.93 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	52.5	29.7	44.5

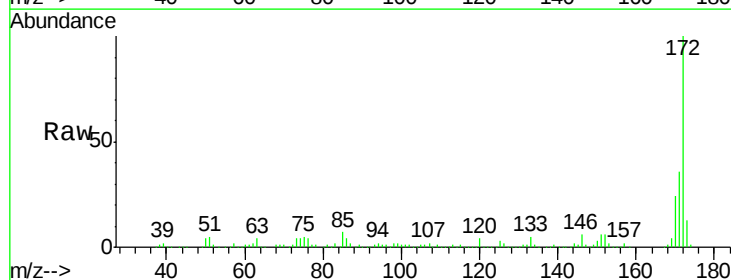


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

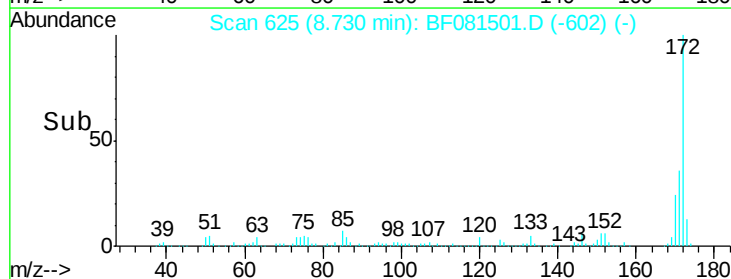
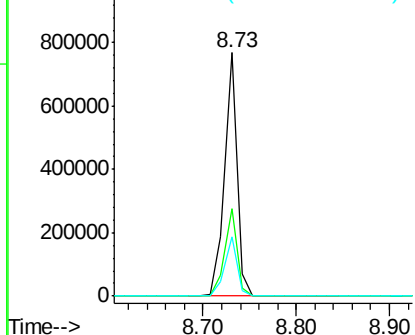


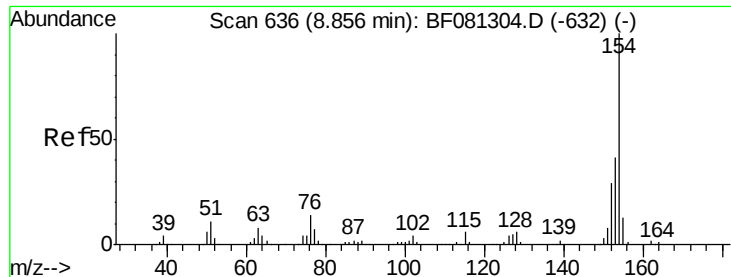
#44
 2-Fluorobiphenyl
 Concen: 101.85 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.2	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

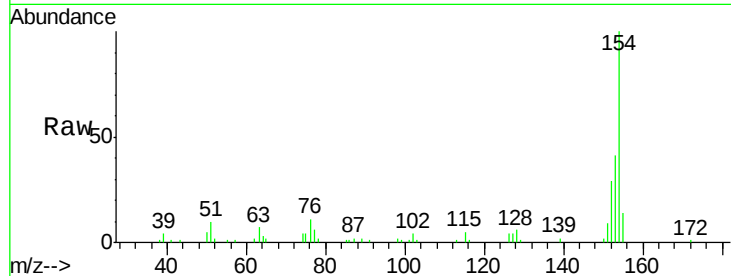




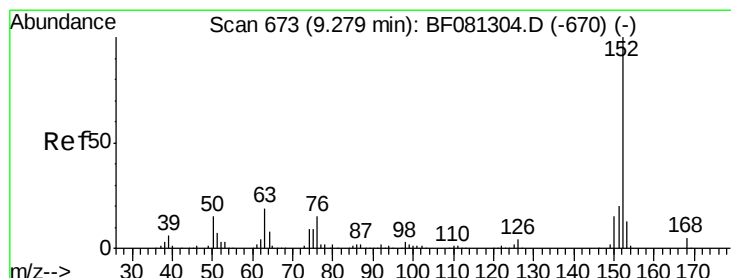
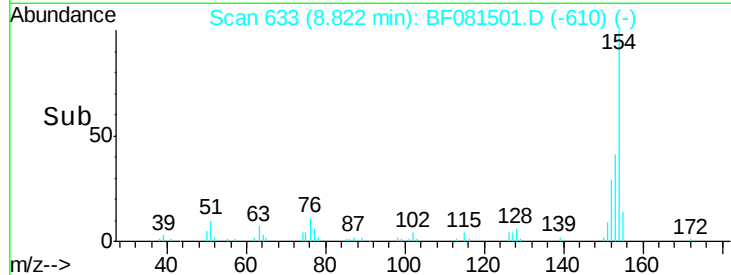
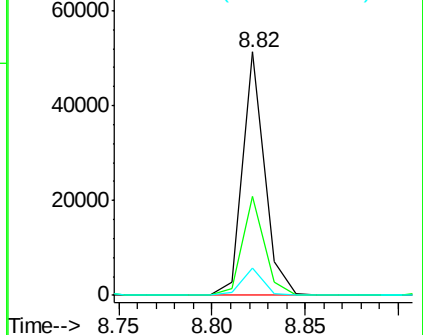
#45
1,1'-Biphenyl
Concen: 5.11 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tot Ion:154 Resp: 42302
Ion Ratio Lower Upper
154 100
153 40.9 17.1 57.1
76 11.4 0.0 31.6

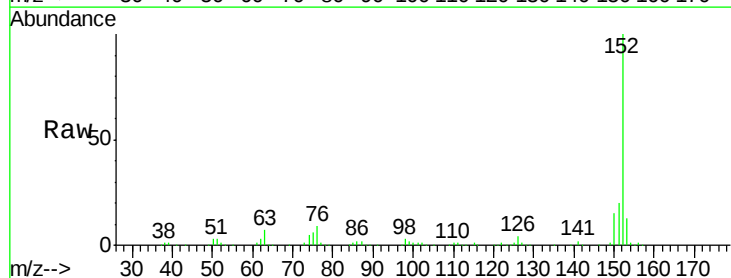


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

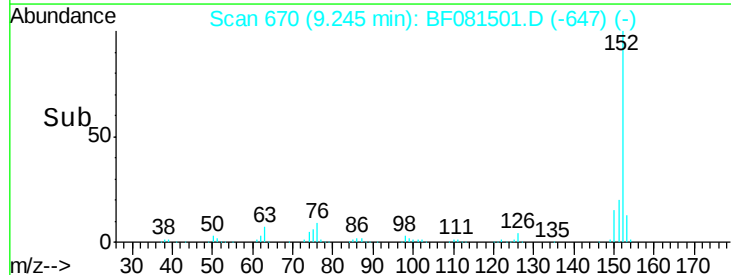
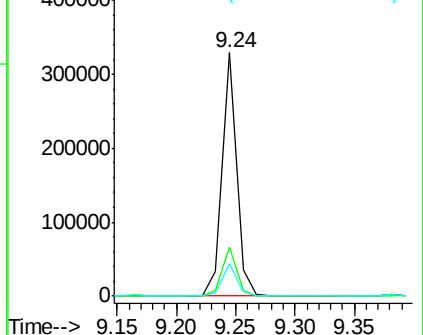


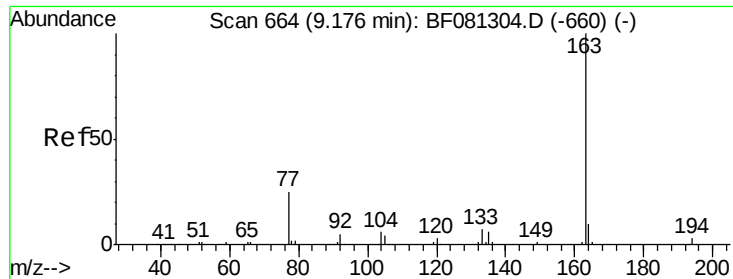
#48
Acenaphthylene
Concen: 26.03 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:152 Resp: 276104
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.3 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

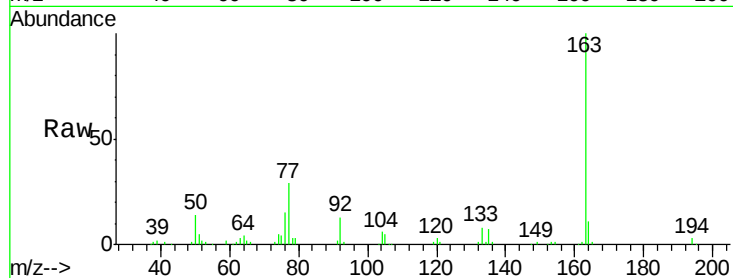




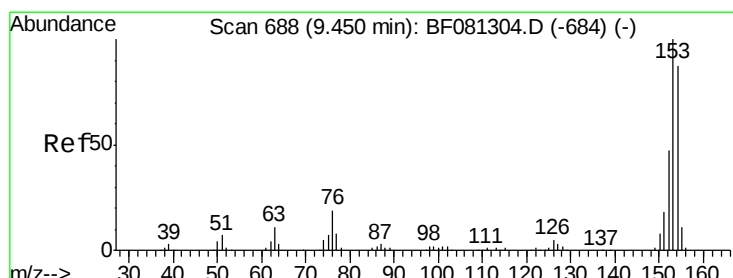
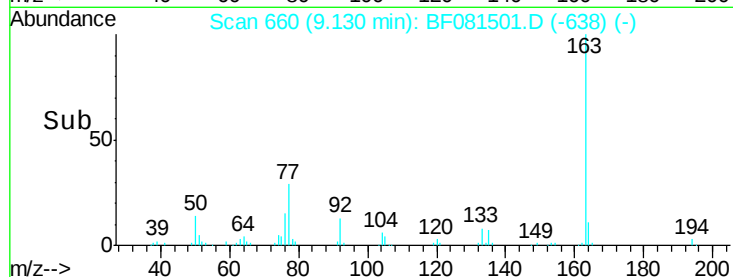
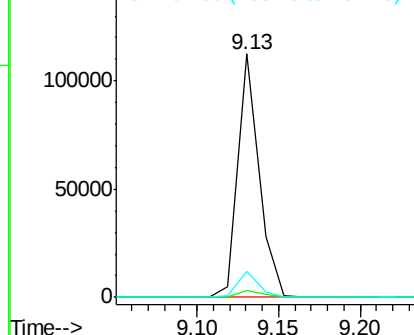
#49
Dimethylphthalate
Concen: 14.39 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tot Ion:163 Resp: 100611
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 10.7 8.3 12.5

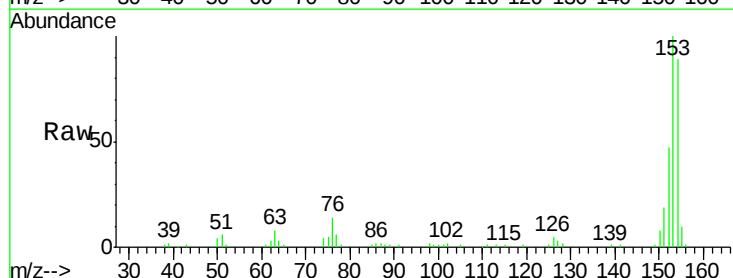


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

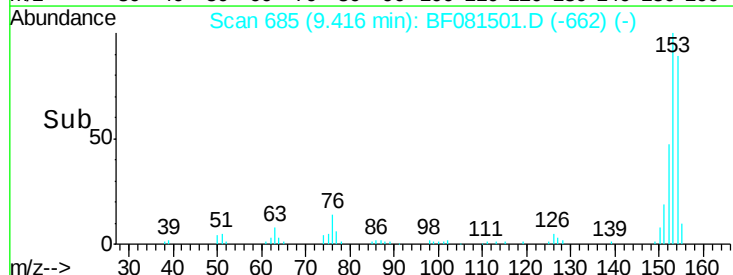
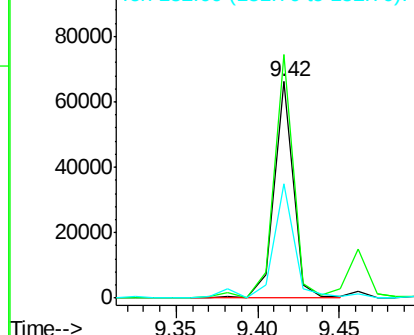


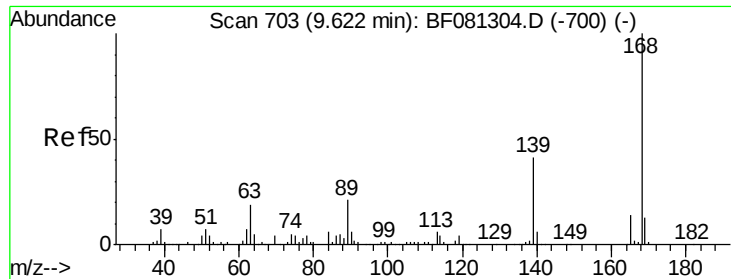
#51
Acenaphthene
Concen: 9.01 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:154 Resp: 54365
Ion Ratio Lower Upper
154 100
153 112.4 82.1 123.1
152 53.0 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

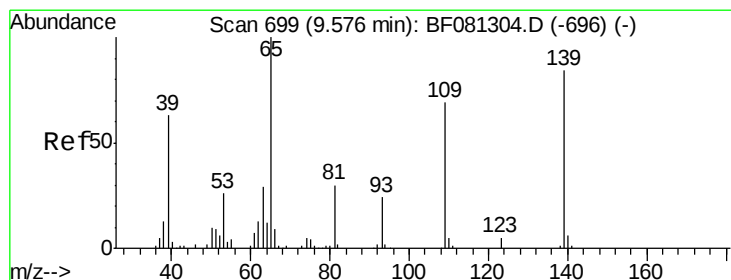
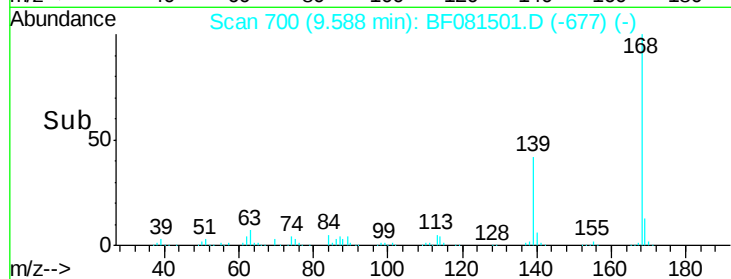
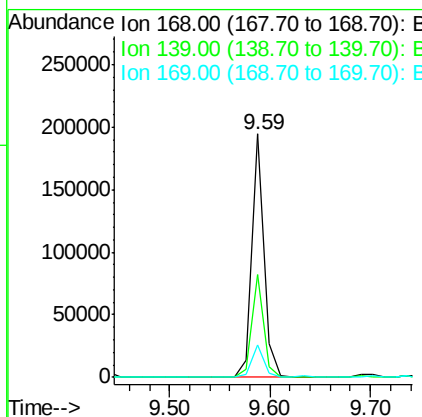
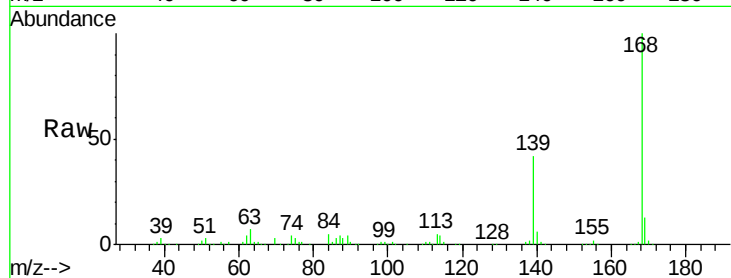




#54
Dibenzofuran
Concen: 18.56 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

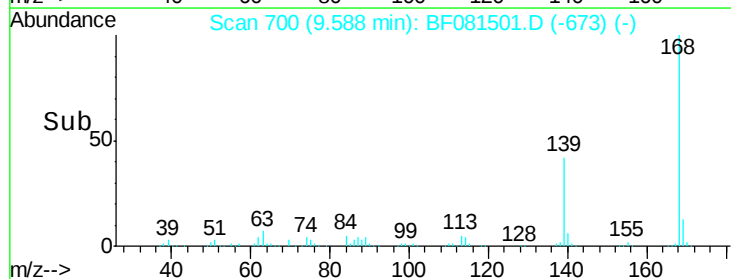
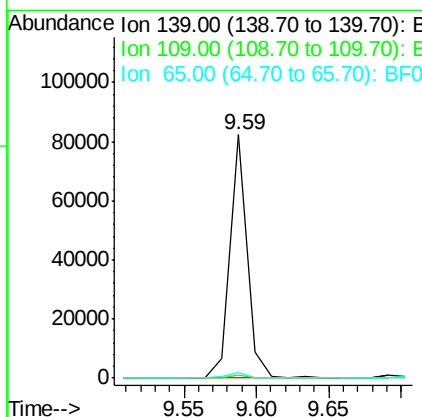
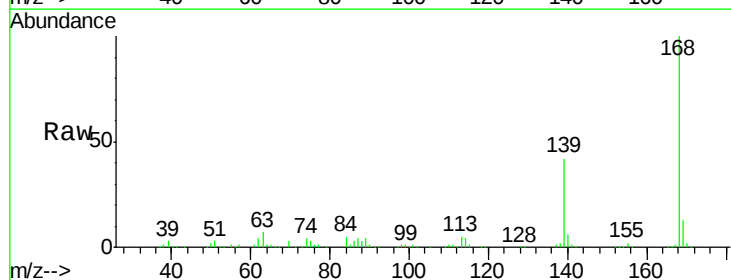
Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

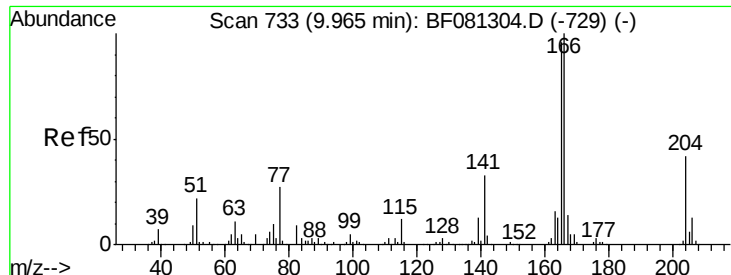
Tot Ion:168 Resp: 163559
Ion Ratio Lower Upper
168 100
139 42.3 24.2 36.2#
169 13.4 10.6 15.8



#55
4-Nitrophenol
Concen: 59.89 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:139 Resp: 67977
Ion Ratio Lower Upper
139 100
109 1.0 12.7 52.7#
65 2.2 45.9 85.9#

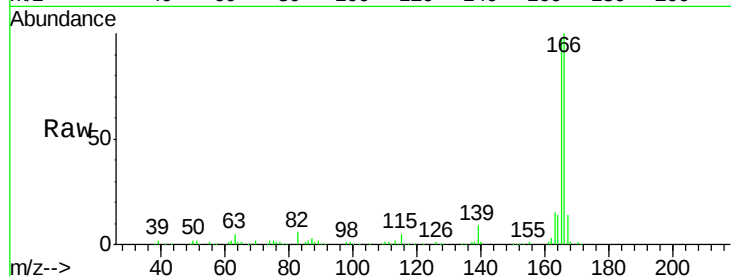




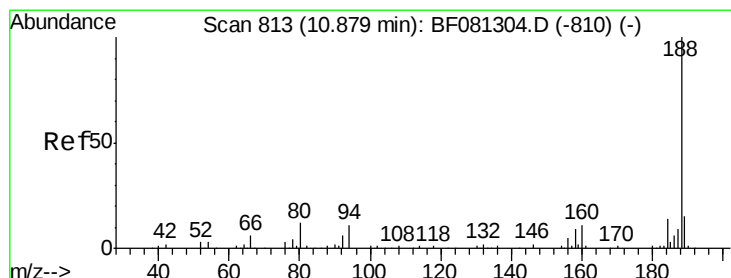
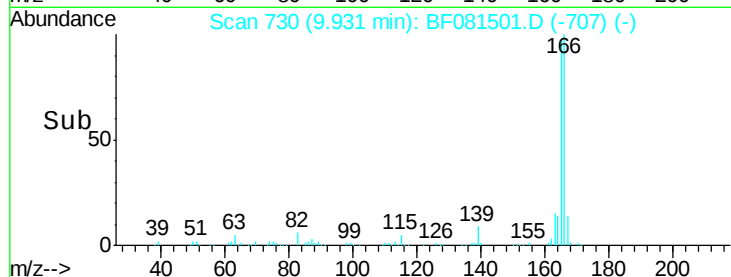
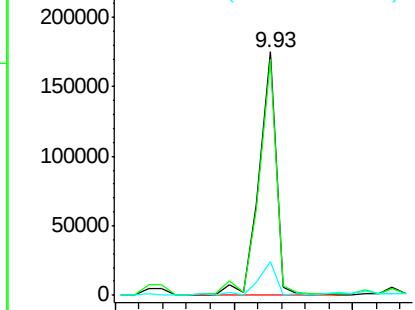
#57
Fluorene
 Concen: 26.74 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5RE

Tot Ion:166 Resp: 178809
 Ion Ratio Lower Upper
 166 100
 165 96.7 72.6 109.0
 167 14.0 10.6 16.0

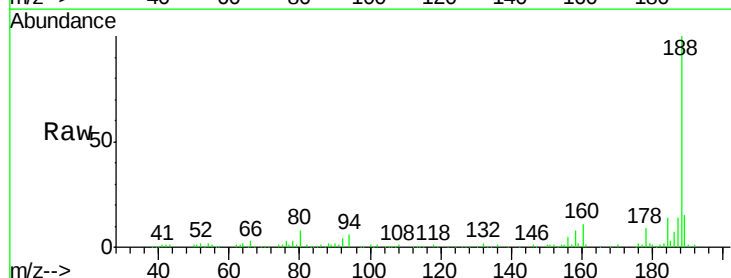


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

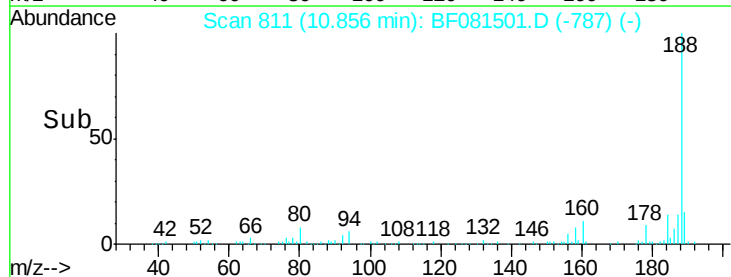
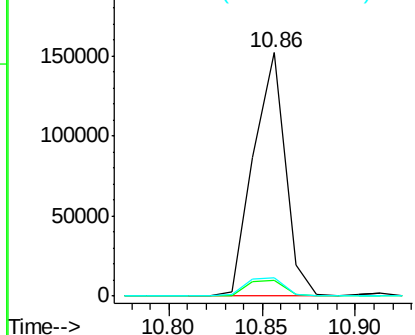


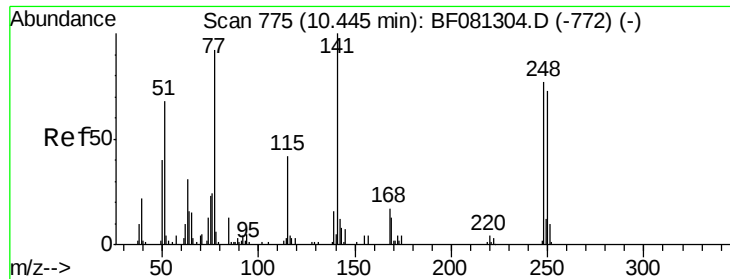
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

Tgt Ion:188 Resp: 178887
 Ion Ratio Lower Upper
 188 100
 94 6.4 11.1 16.7#
 80 7.5 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

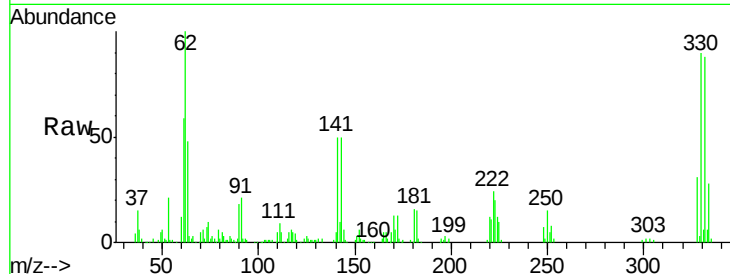




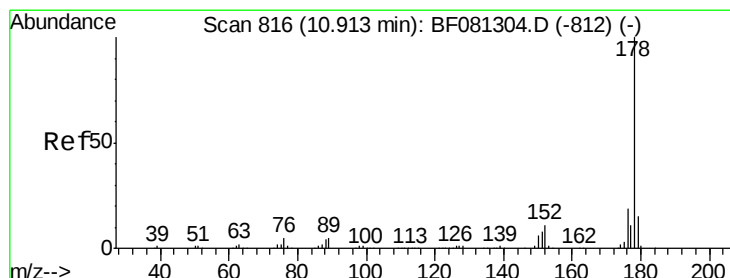
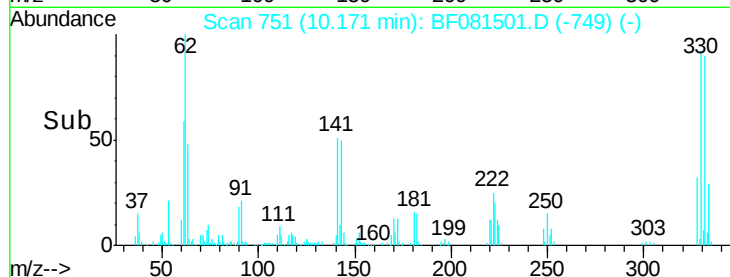
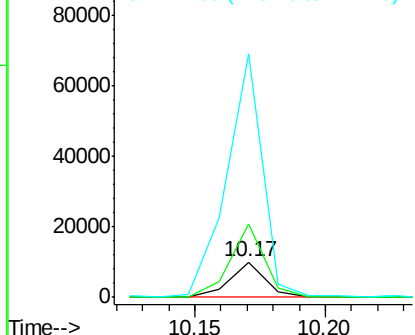
#66
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tot Ion:248 Resp: 9485
Ion Ratio Lower Upper
248 100
250 206.0 78.5 117.7#
141 689.2 59.0 88.6#

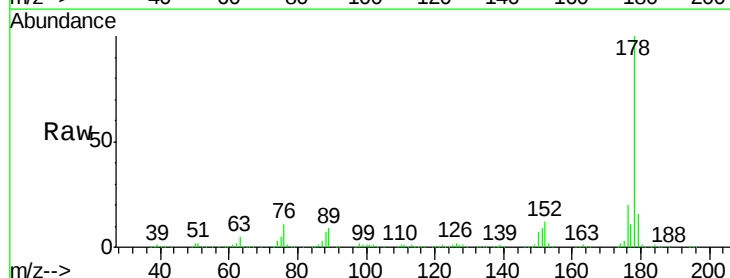


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

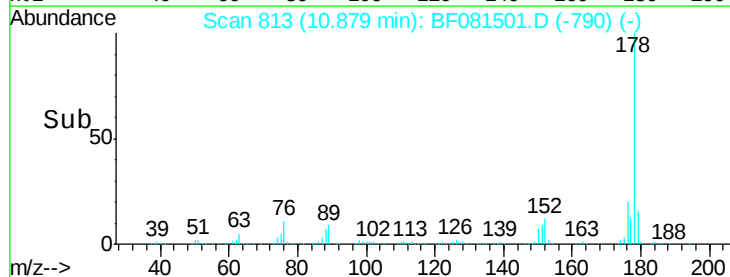
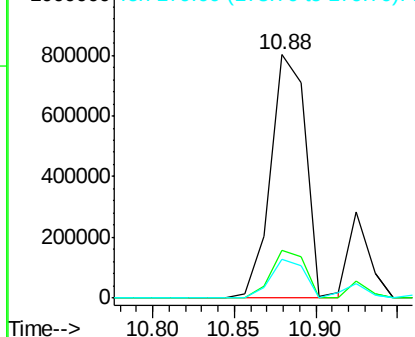


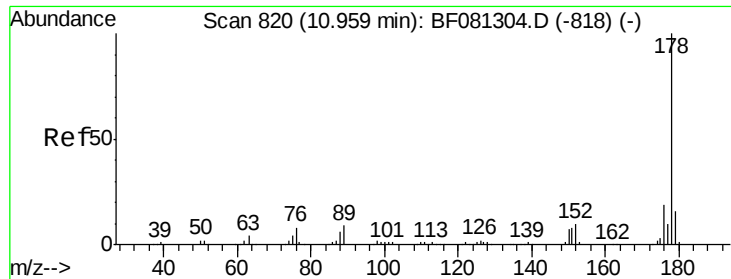
#70
Phenanthrene
Concen: 120.95 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:178 Resp: 1202841
Ion Ratio Lower Upper
178 100
176 19.7 13.8 20.8
179 16.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

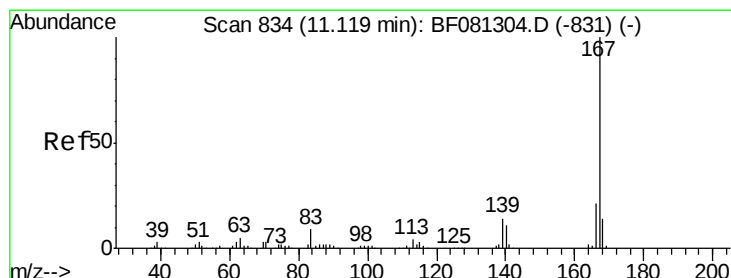
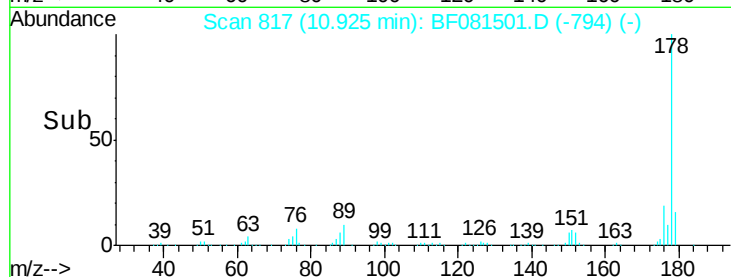
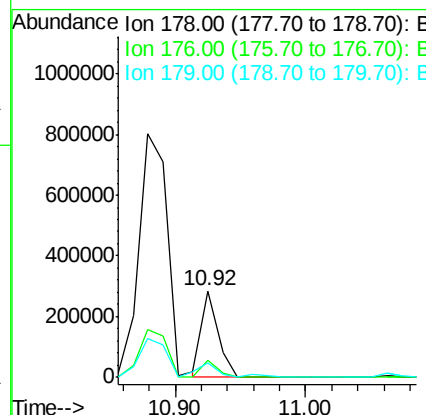
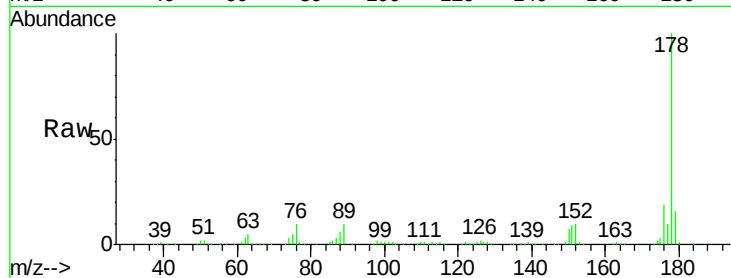




#71
 Anthracene
 Concen: 25.08 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

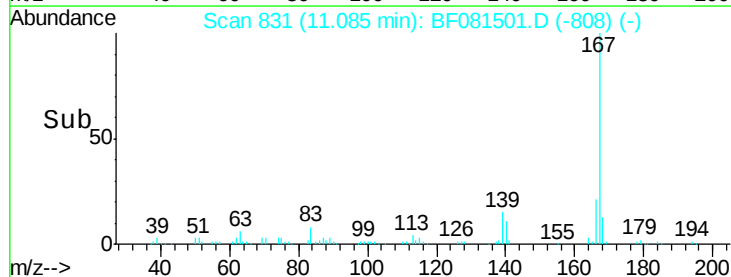
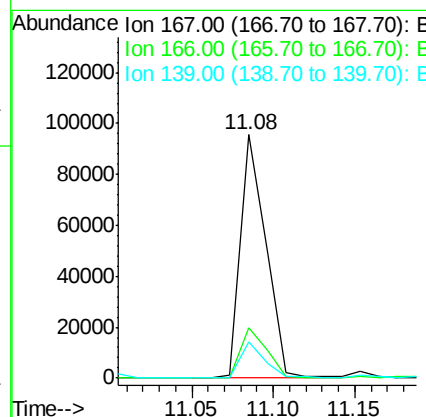
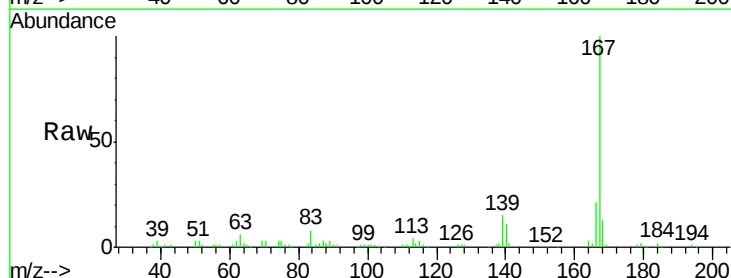
Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5RE

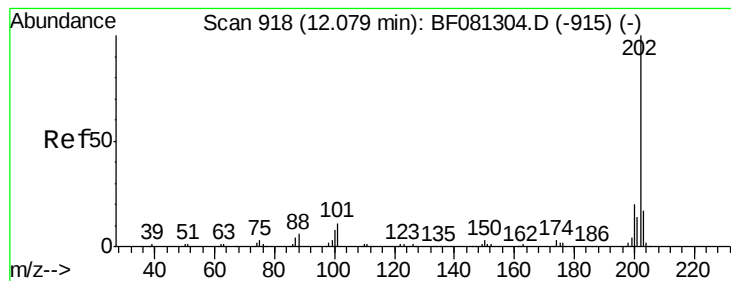
Tot Ion:178 Resp: 256297
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 16.5 12.2 18.2



#72
 Carbazole
 Concen: 10.69 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

Tgt Ion:167 Resp: 102488
 Ion Ratio Lower Upper
 167 100
 166 20.7 15.7 23.5
 139 14.9 9.5 14.3#





#74

Fluoranthene

Concen: 88.93 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5RE

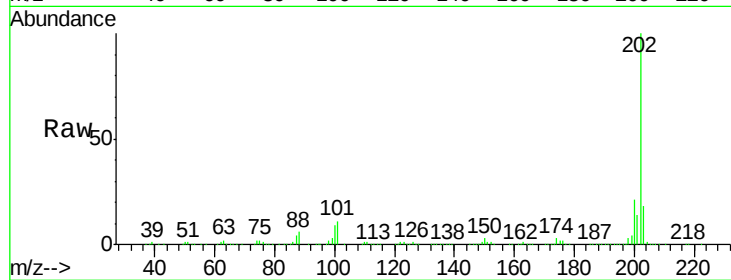
Tot Ion:202 Resp: 957461

Ion Ratio Lower Upper

202 100

101 11.1 0.0 38.3

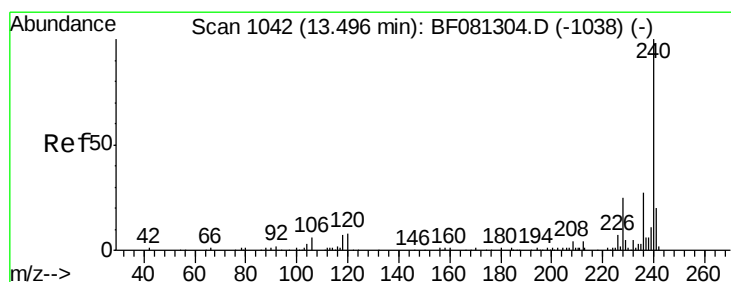
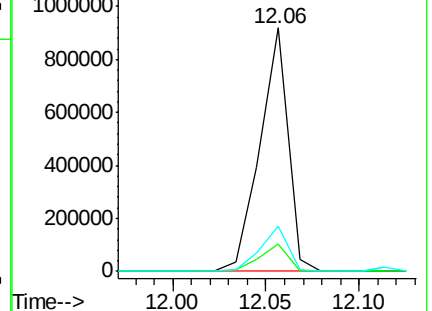
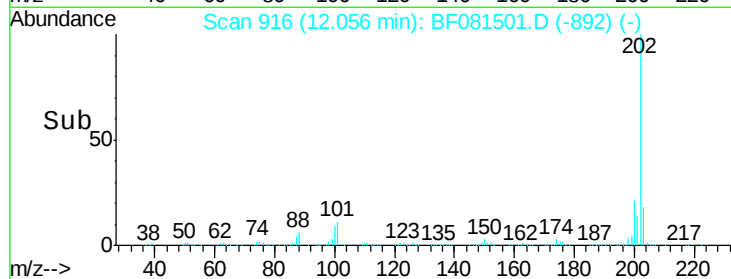
203 18.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

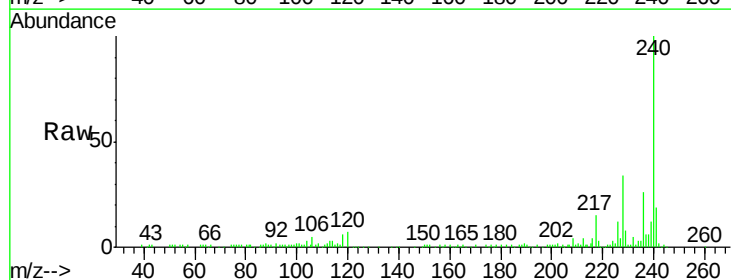
Tgt Ion:240 Resp: 120080

Ion Ratio Lower Upper

240 100

120 6.6 16.2 24.2#

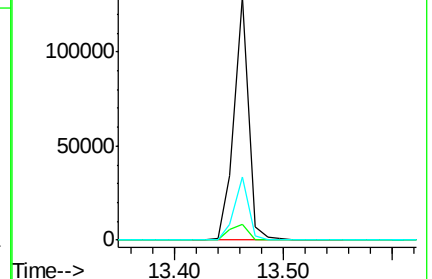
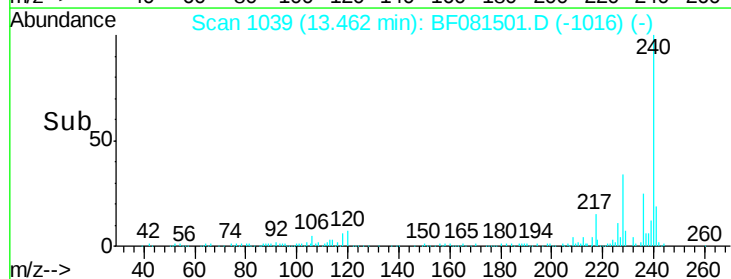
236 25.8 18.4 27.6

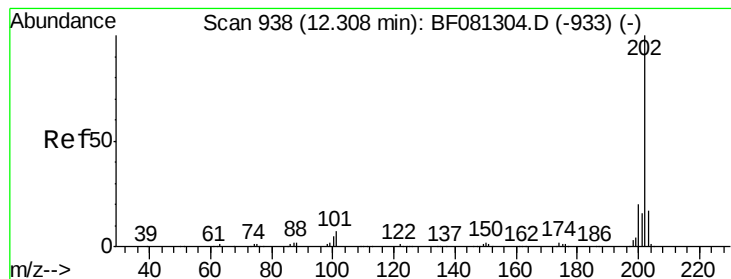


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 8.74 ng

RT: 12.14 min Scan# 923

Delta R.T. -0.17 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5RE

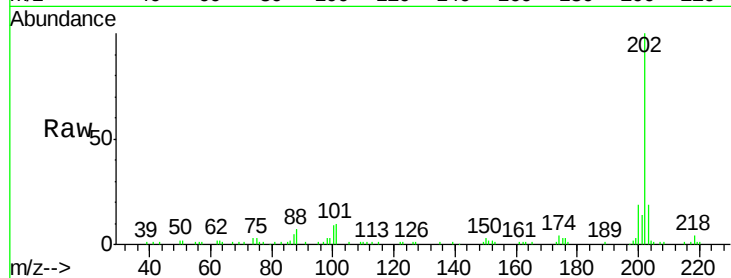
Tot Ion:202 Resp: 77769

Ion Ratio Lower Upper

202 100

200 19.3 15.0 22.4

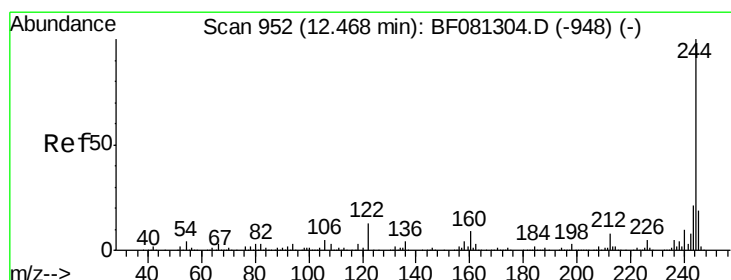
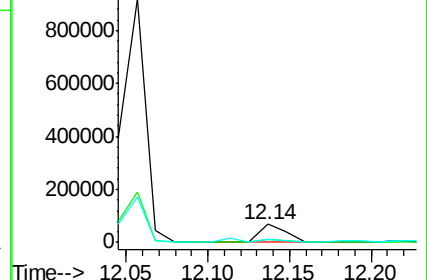
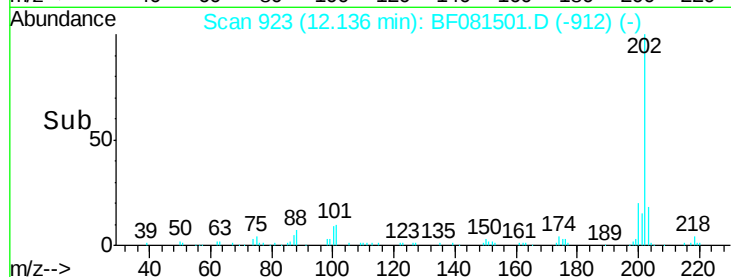
203 18.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 120.54 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

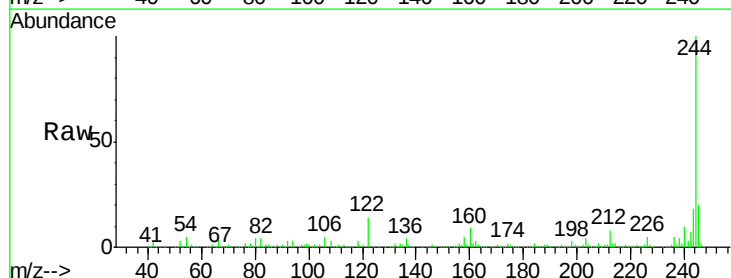
Tgt Ion:244 Resp: 621819

Ion Ratio Lower Upper

244 100

212 8.4 4.3 6.5#

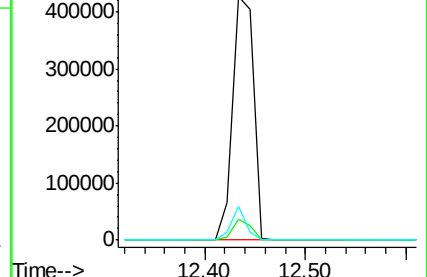
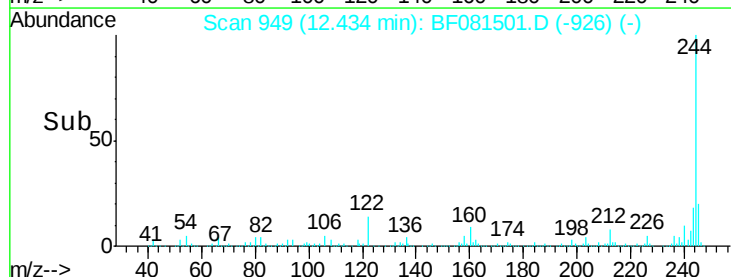
122 13.9 17.4 26.2#

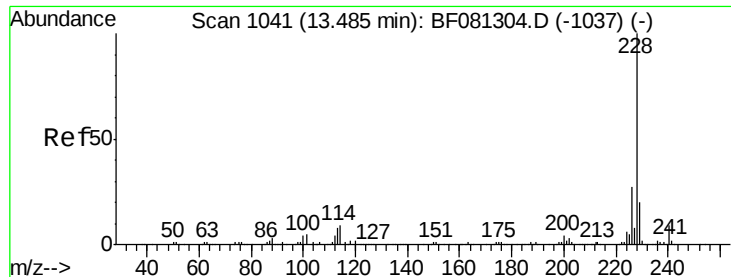


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 37.64 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5RE

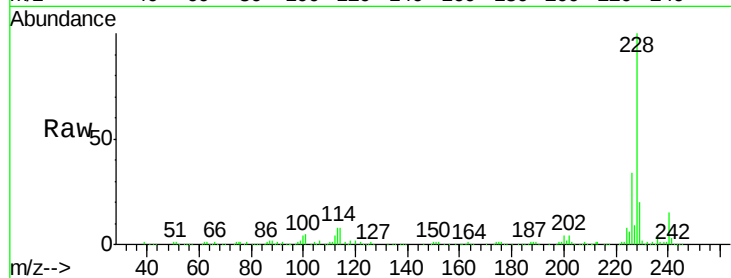
Tot Ion:228 Resp: 287871

Ion Ratio Lower Upper

228 100

226 33.5 20.0 30.0#

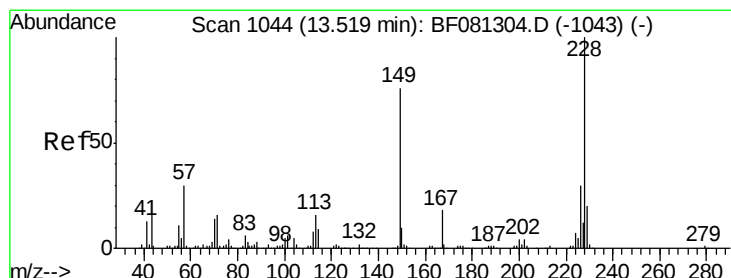
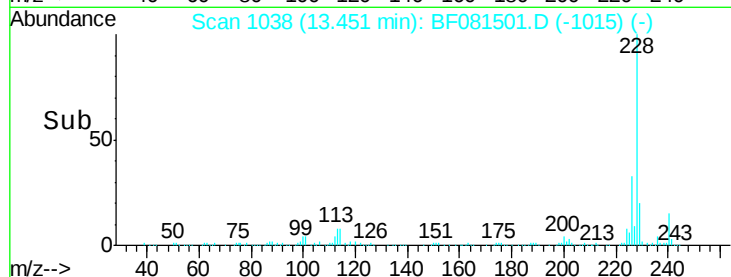
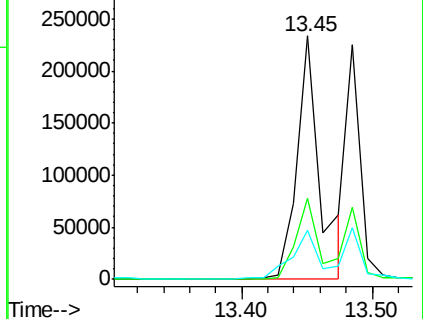
229 20.2 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 25.16 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

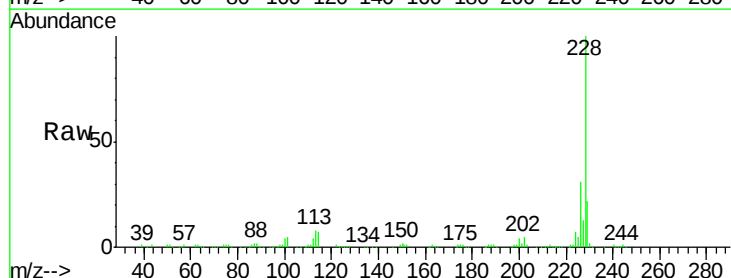
Tgt Ion:228 Resp: 172463

Ion Ratio Lower Upper

228 100

226 30.6 21.0 31.4

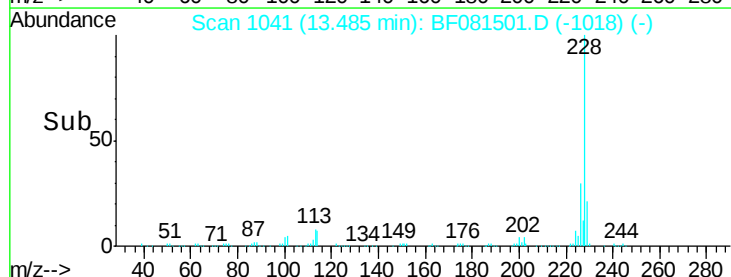
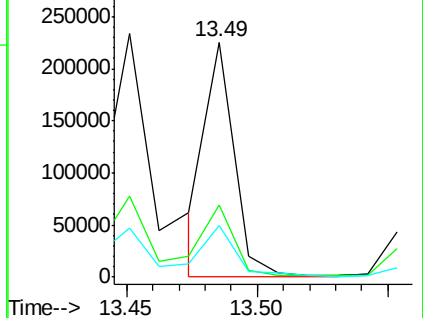
229 22.0 15.6 23.4

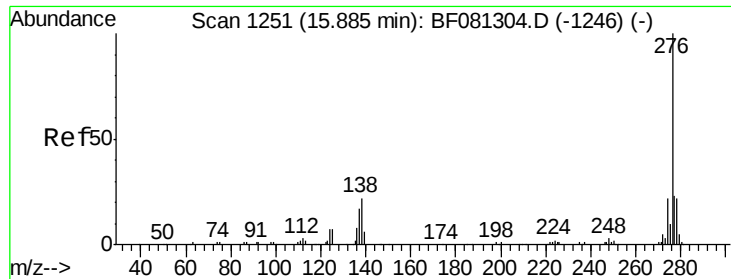


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

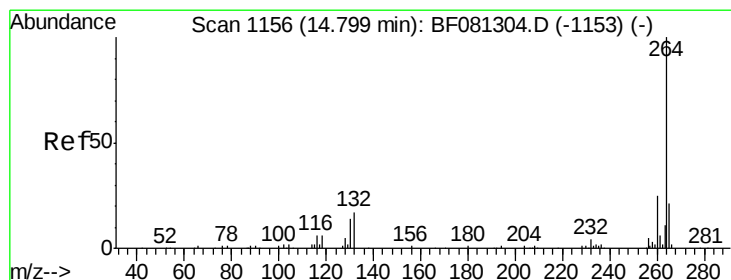
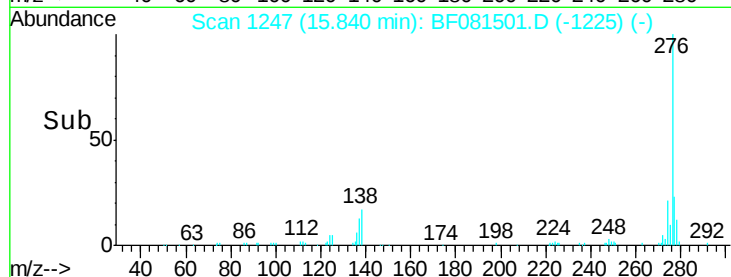
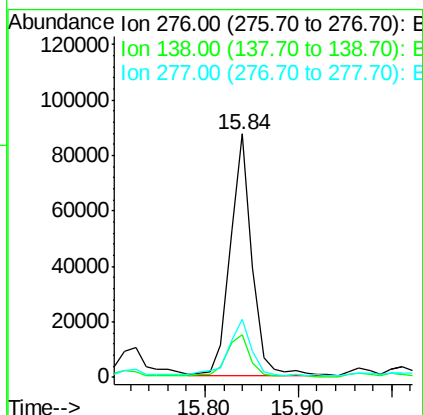
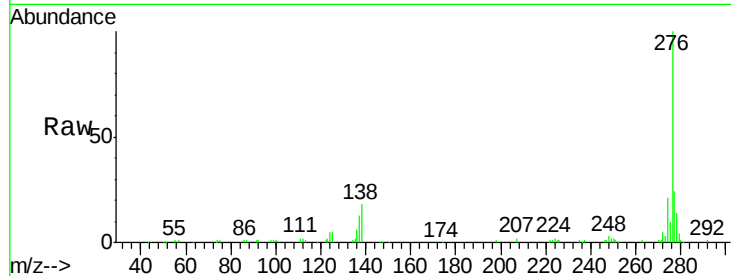




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.33 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

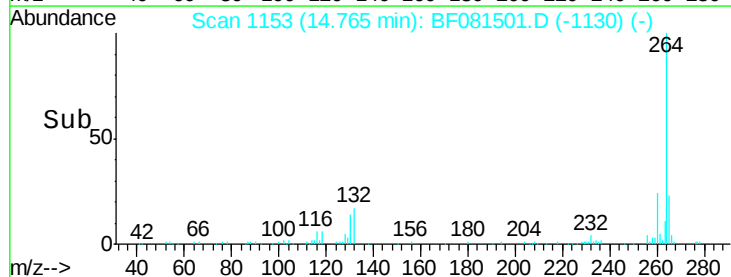
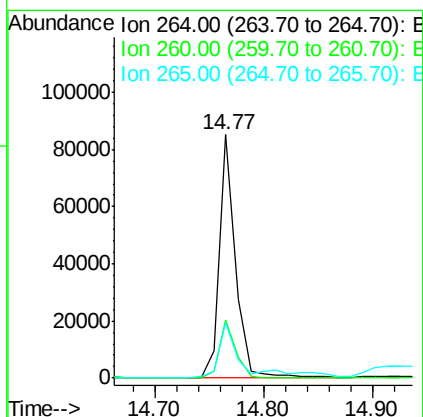
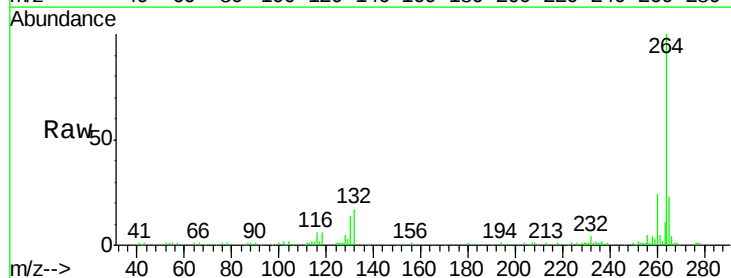
Instrument :
 BNA_F
 ClientSampleId :
 MGP207BR-25-25.5RE

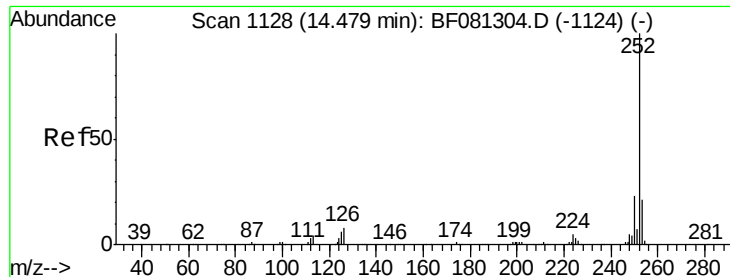
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	25.7	38.5#
277	23.9	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081501.D
 Acq: 6 Sep 2015 10:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.5	17.2	25.8

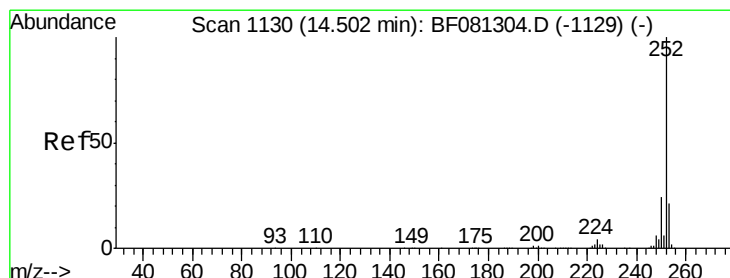
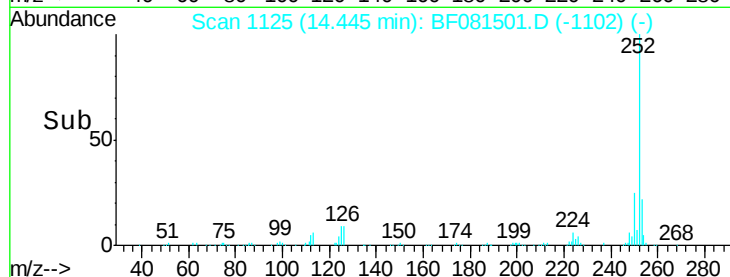
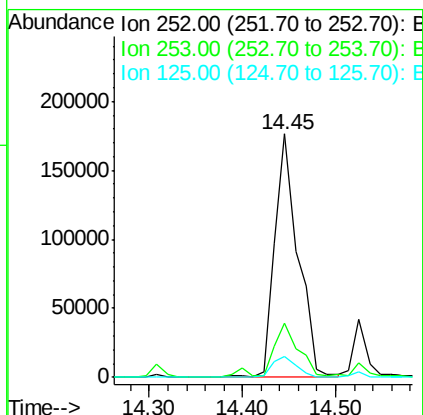
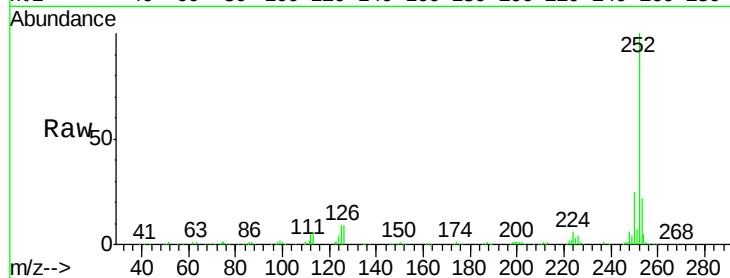




#87
Benzo(b)fluoranthene
Concen: 48.55 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

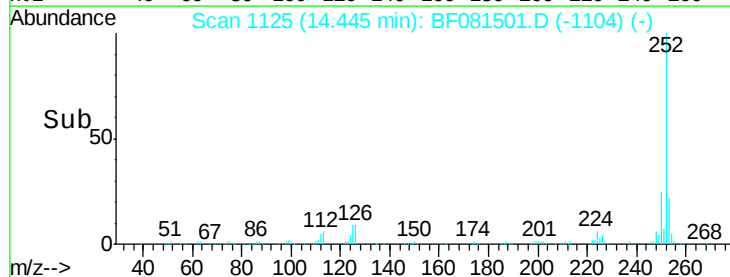
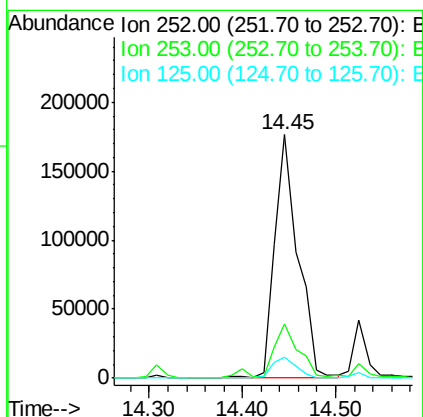
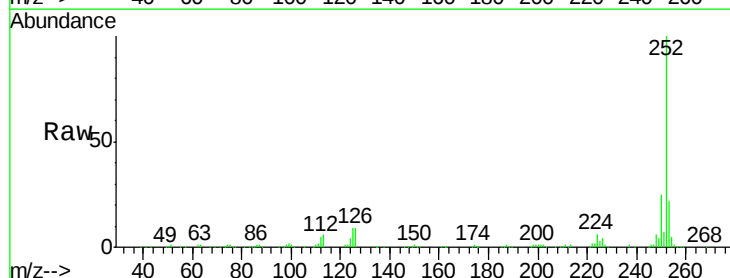
Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

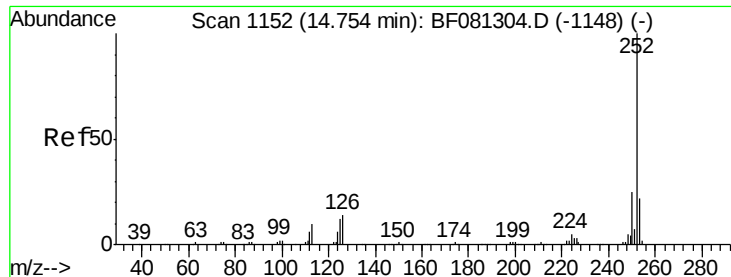
Tot Ion:252 Resp: 308143
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 58.51 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:252 Resp: 308143
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.8 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 34.34 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

Instrument :

BNA_F

ClientSampleId :

MGP207BR-25-25.5RE

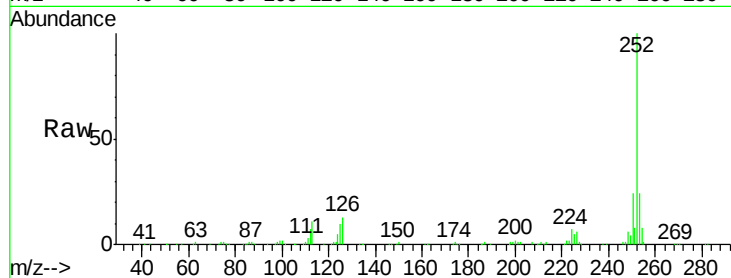
Tot Ion:252 Resp: 184679

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

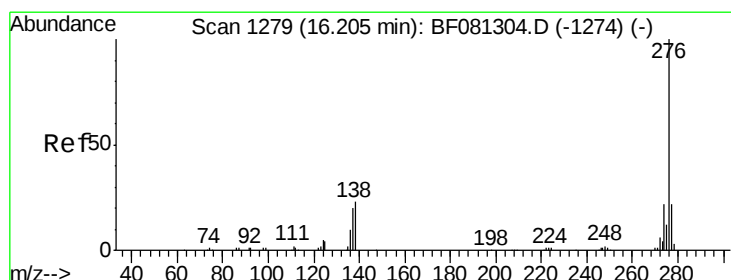
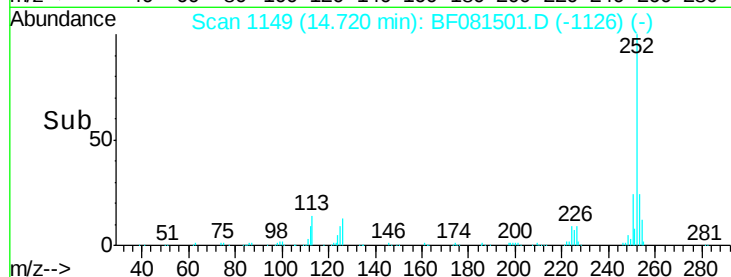
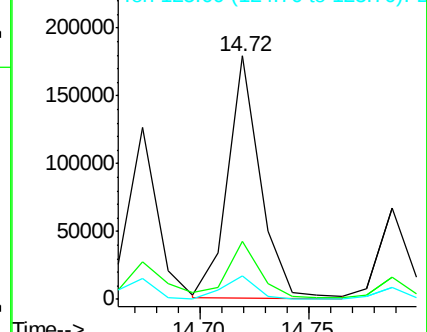
125 9.6 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.24 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF081501.D

Acq: 6 Sep 2015 10:42

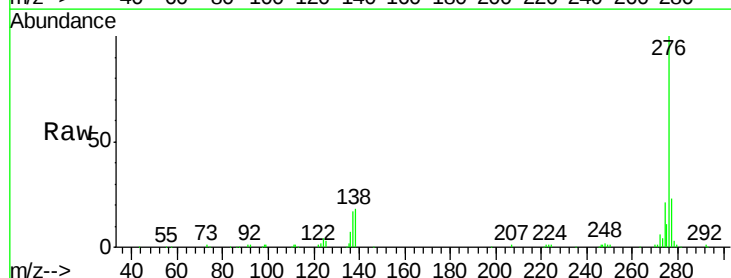
Tgt Ion:276 Resp: 159596

Ion Ratio Lower Upper

276 100

277 23.2 17.8 26.6

138 18.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

