

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081757.D
 Acq On : 23 Sep 2015 5:52
 Operator : UM/IZ
 Sample : G3748-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP202-30-32

Quant Time: Sep 23 07:05:07 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	42297	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	166715	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	81187	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	161428	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	115046	20.00	ng	0.00
86) Perylene-d12	24.77	264	84939	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	348690	127.90	ng	0.03
7) Phenol-d6	7.58	99	488958	135.50	ng	0.00
23) Nitrobenzene-d5	9.44	82	317984	92.02	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	100286	138.73	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	521577	82.33	ng	-0.01
78) Terphenyl-d14	22.05	244	454400	91.94	ng	0.00

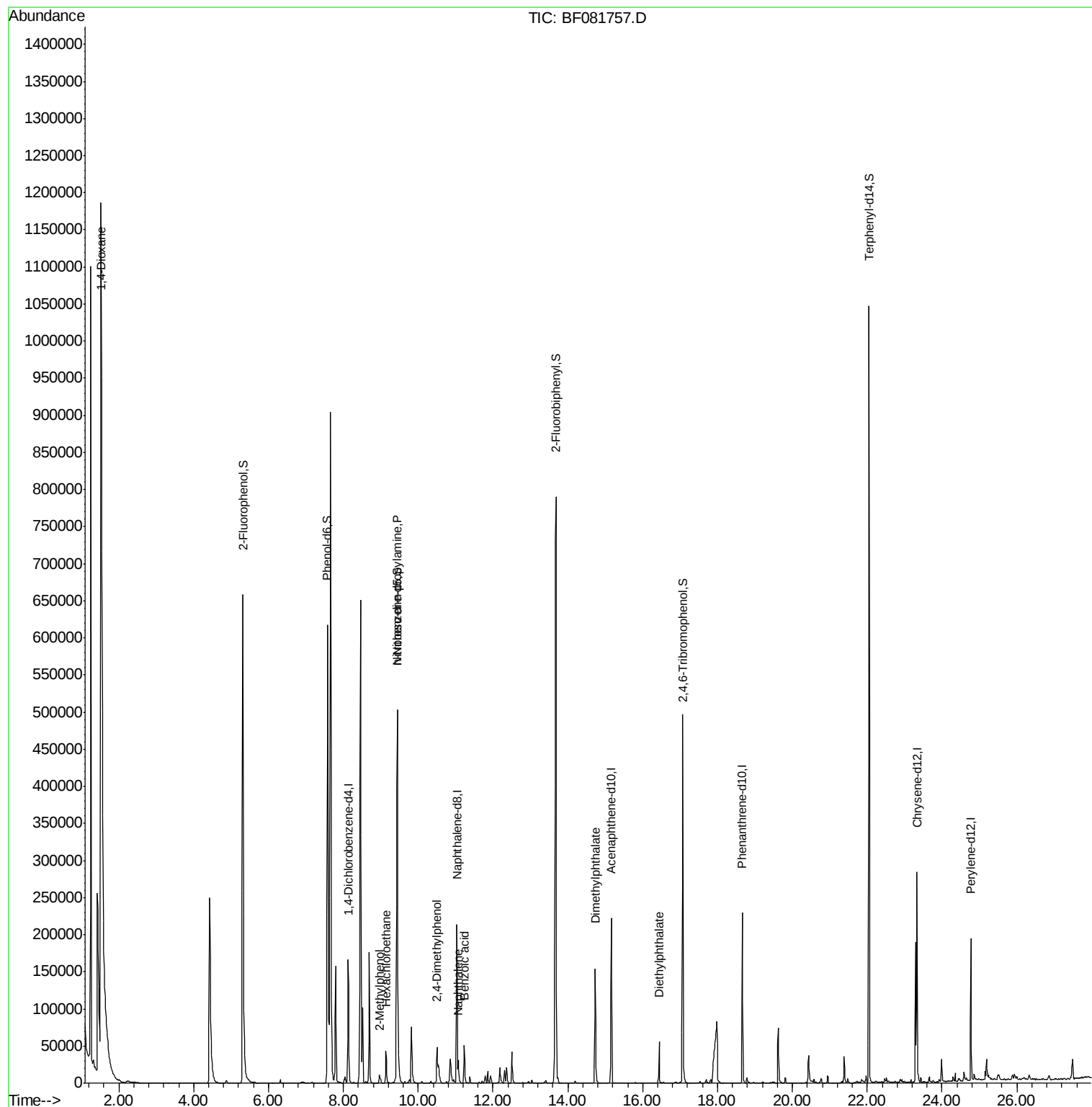
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.52	88	77429	63.24	ng	# 11
17) 2-Methylphenol	8.96	107	5401	2.25	ng	# 77
18) Hexachloroethane	9.13	117	18671	14.68	ng	# 5
19) n-Nitroso-di-n-propylamine	9.44	70	42926	17.48	ng	# 66
27) 2,4-Dimethylphenol	10.50	122	25072	9.28	ng	# 70
31) Naphthalene	11.08	128	25051	2.82	ng	# 99
32) Benzoic acid	11.24	122	3651	4.33	ng	# 15
49) Dimethylphthalate	14.73	163	112598	17.85	ng	# 97
59) Diethylphthalate	16.44	149	37706	5.68	ng	# 96

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

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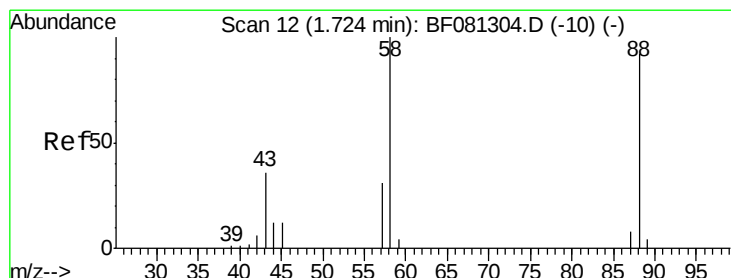
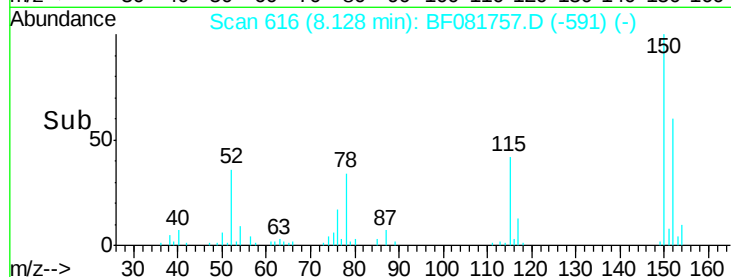
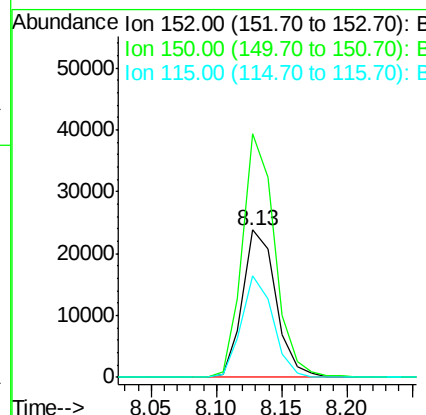
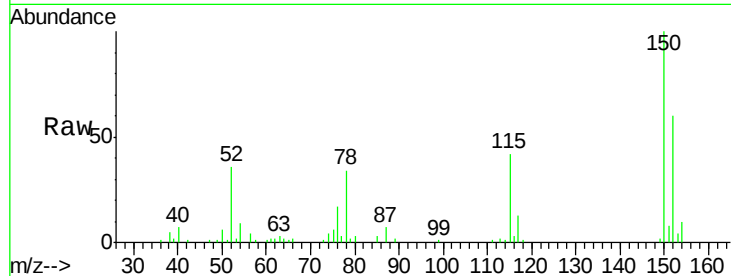




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF081757.D
 Acq: 23 Sep 2015 5:52

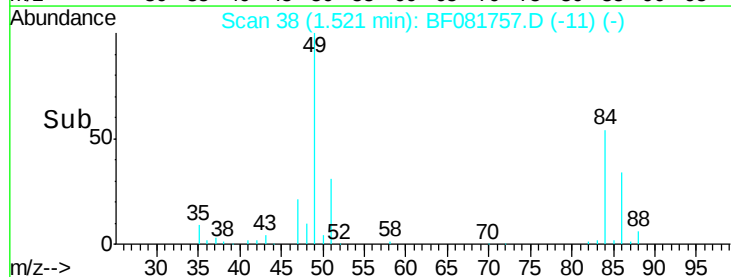
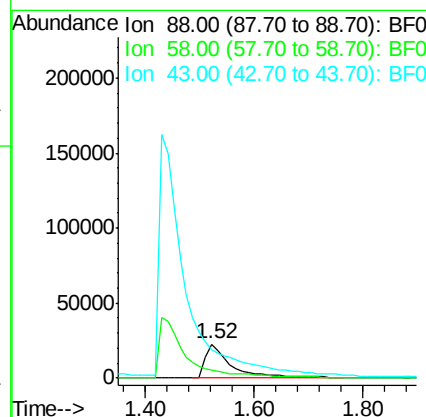
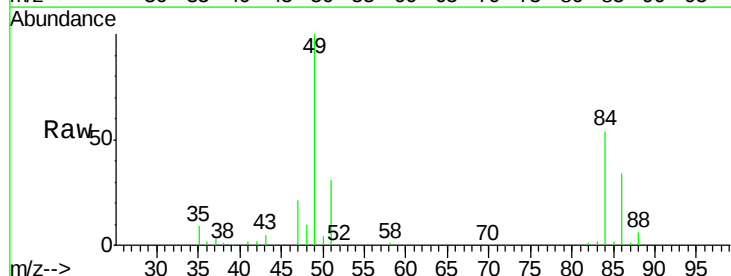
Instrument :
 BNA_F
 ClientSampleId :
 MGP202-30-32

Tgt Ion:152 Resp: 42297
 Ion Ratio Lower Upper
 152 100
 150 165.4 124.7 187.1
 115 69.3 39.0 58.4#



#2
 1,4-Dioxane
 Concen: 63.24 ng
 RT: 1.52 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: BF081757.D
 Acq: 23 Sep 2015 5:52

Tgt Ion: 88 Resp: 77429
 Ion Ratio Lower Upper
 88 100
 58 0.0 77.7 116.5#
 43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 127.90 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.03 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

Instrument :

BNA_F

ClientSampleId :

MGP202-30-32

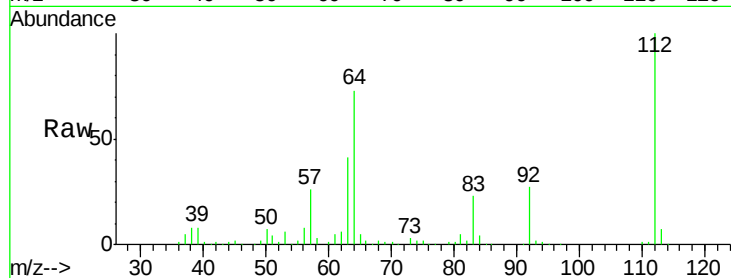
Tgt Ion: 112 Resp: 348690

Ion Ratio Lower Upper

112 100

64 73.3 39.7 59.5#

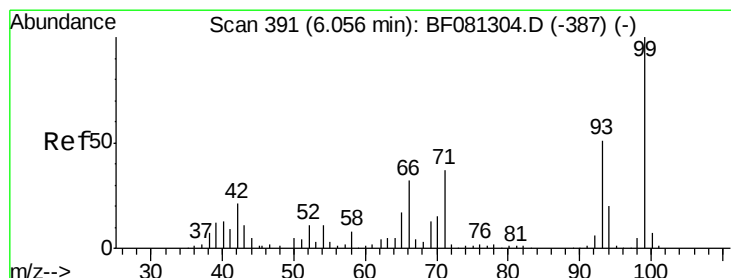
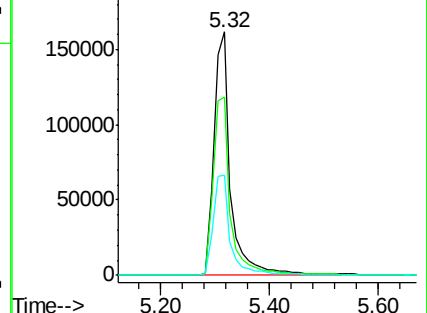
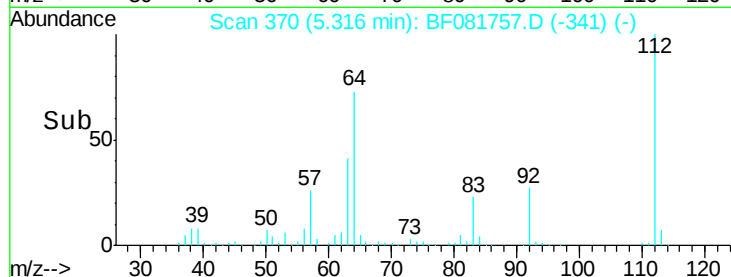
63 41.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 135.50 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

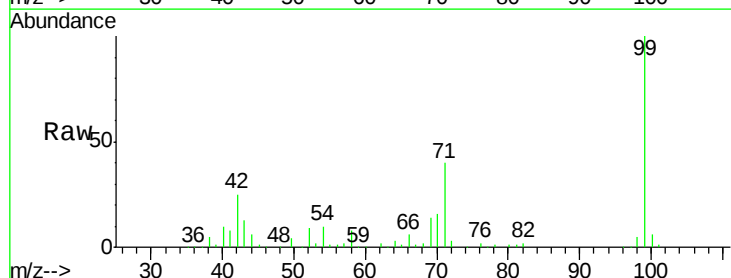
Tgt Ion: 99 Resp: 488958

Ion Ratio Lower Upper

99 100

42 25.5 13.7 20.5#

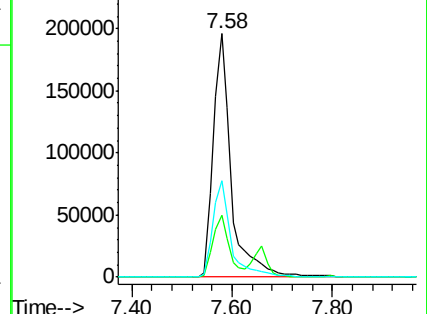
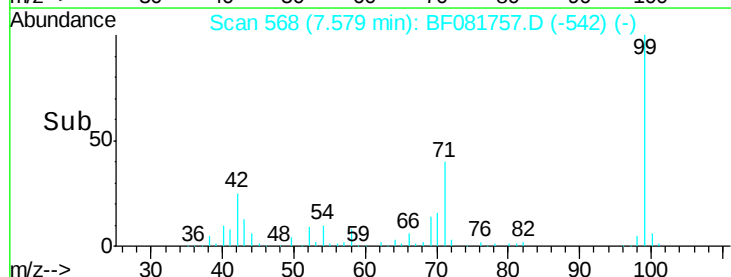
71 39.8 14.2 21.2#

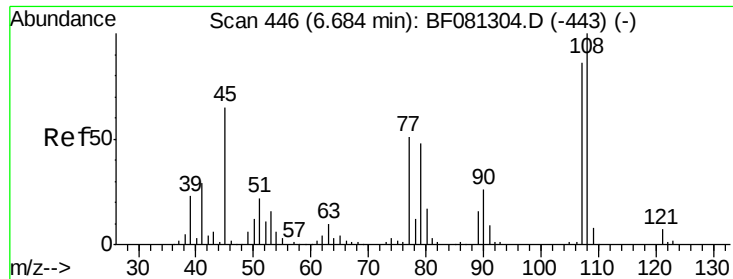


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

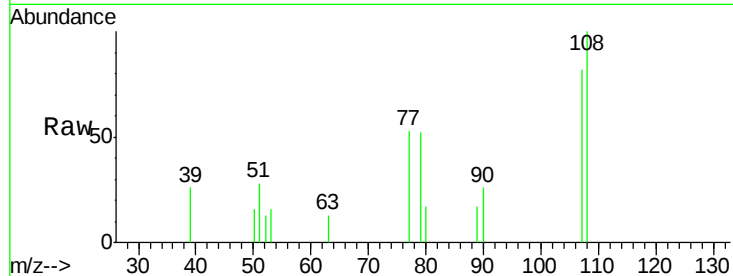




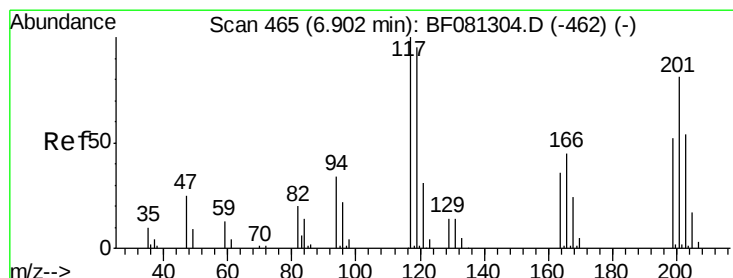
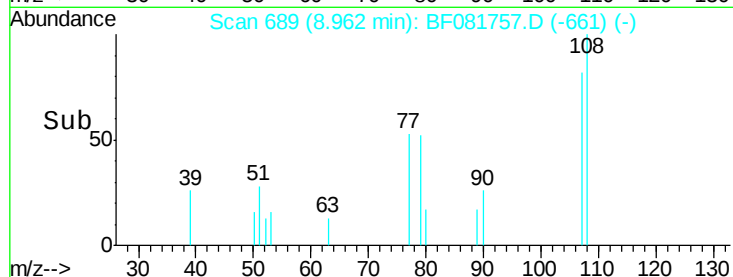
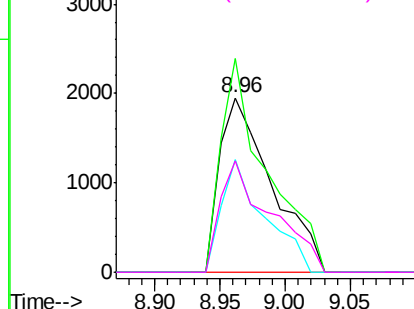
#17
2-Methylphenol
Concen: 2.25 ng
RT: 8.96 min Scan# 689
Delta R.T. 0.02 min
Lab File: BF081757.D
Acq: 23 Sep 2015 5:52

Instrument :
BNA_F
ClientSampleId :
MGP202-30-32

Tgt Ion:107 Resp: 5401
Ion Ratio Lower Upper
107 100
108 122.7 96.6 145.0
77 64.9 23.3 34.9#
79 64.2 22.0 33.0#

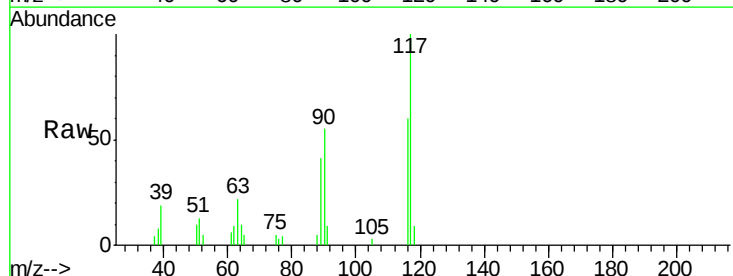


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

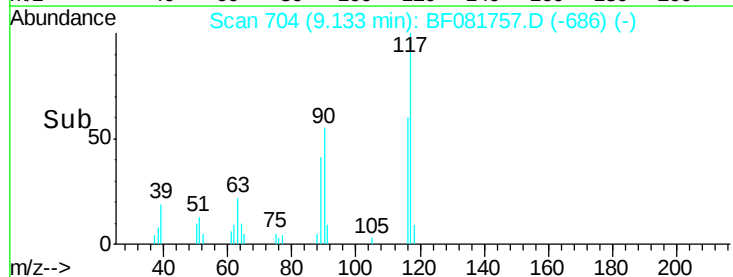
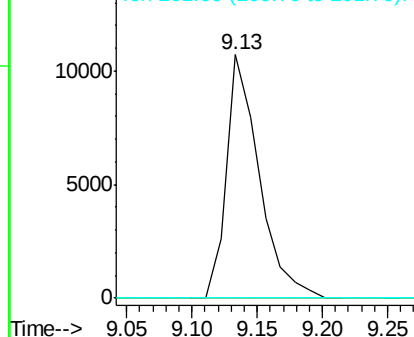


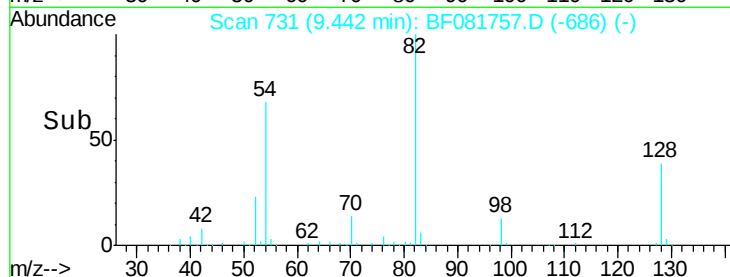
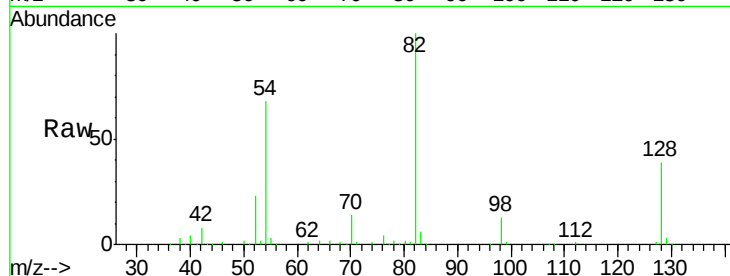
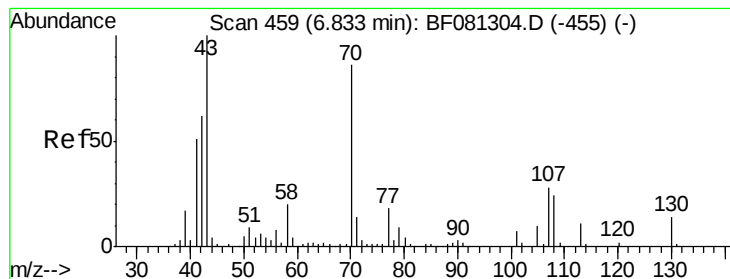
#18
Hexachloroethane
Concen: 14.68 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.09 min
Lab File: BF081757.D
Acq: 23 Sep 2015 5:52

Tgt Ion:117 Resp: 18671
Ion Ratio Lower Upper
117 100
119 0.0 83.8 125.6#
201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.48 ng

RT: 9.44 min Scan# 731

Delta R.T. 0.22 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

Instrument :

BNA_F

ClientSampleId :

MGP202-30-32

Tgt Ion: 70 Resp: 42926

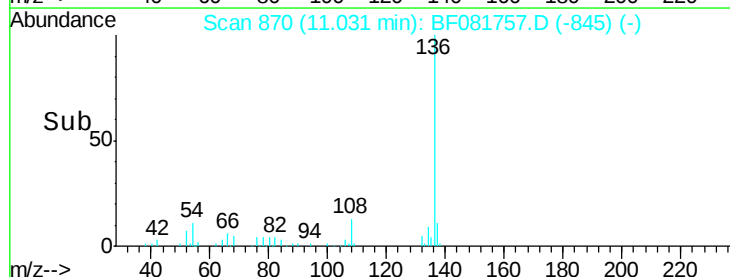
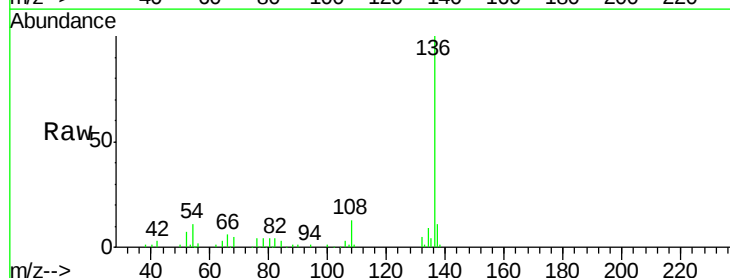
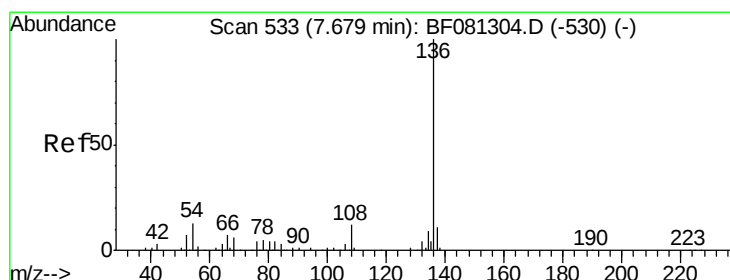
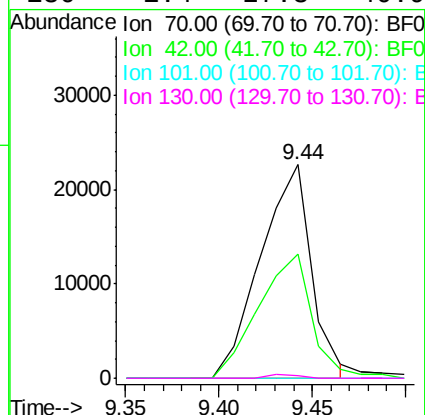
Ion Ratio Lower Upper

70 100

42 58.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.4 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: BF081757.D

Acq: 23 Sep 2015 5:52

Tgt Ion: 136 Resp: 166715

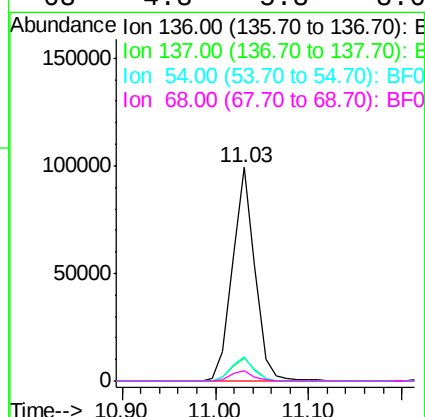
Ion Ratio Lower Upper

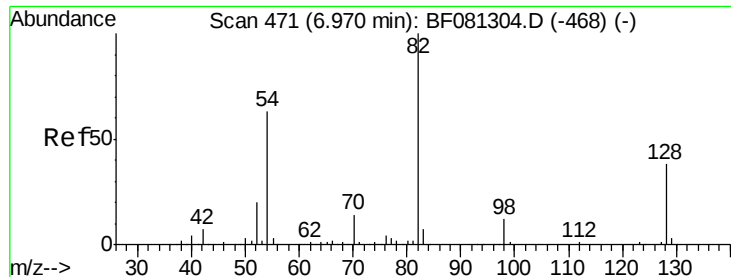
136 100

137 10.7 9.0 13.6

54 11.2 8.2 12.2

68 4.8 5.8 8.6#

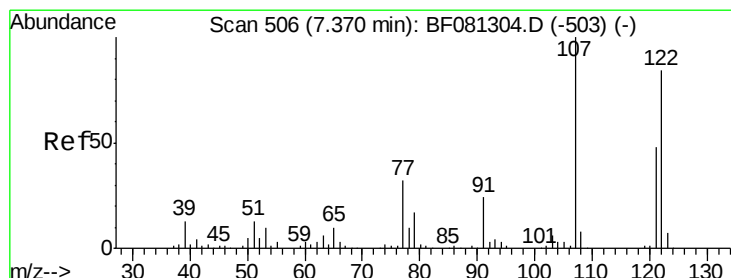
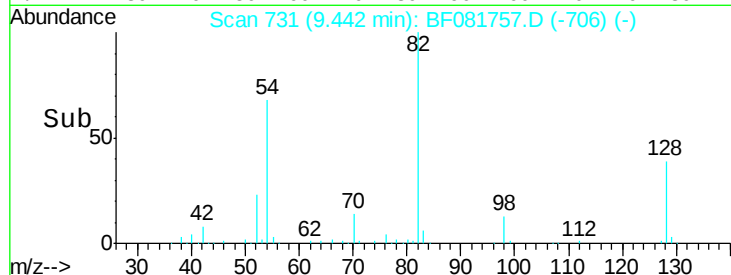
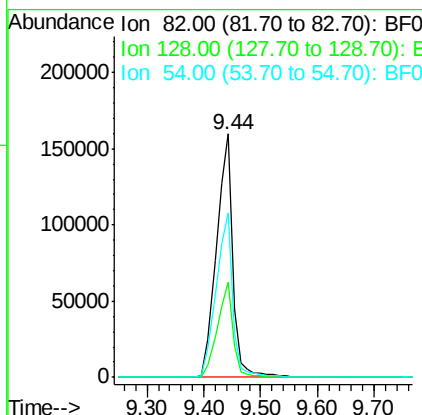
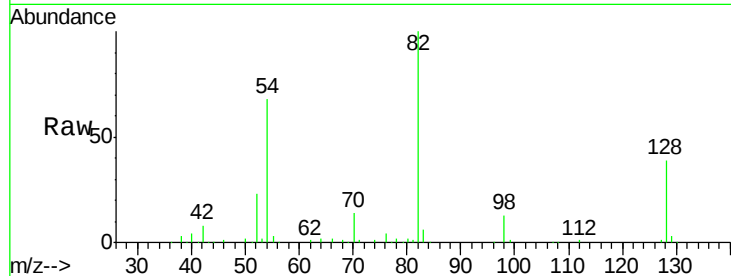




#23
 Nitrobenzene-d5
 Concen: 92.02 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081757.D
 Acq: 23 Sep 2015 5:52

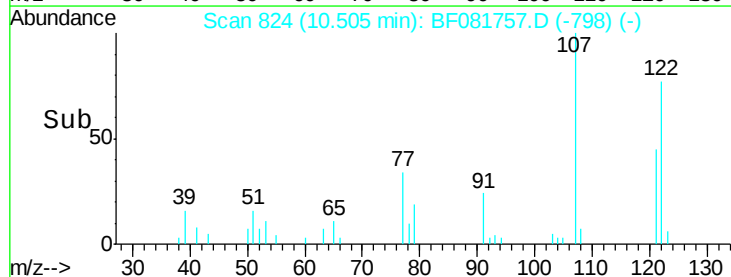
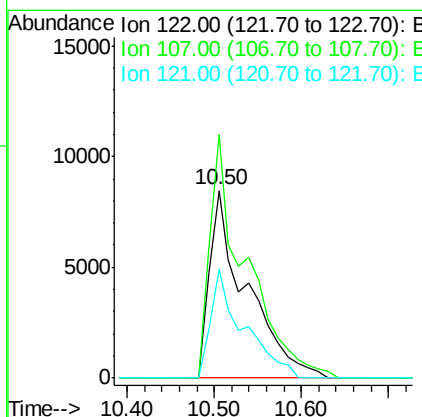
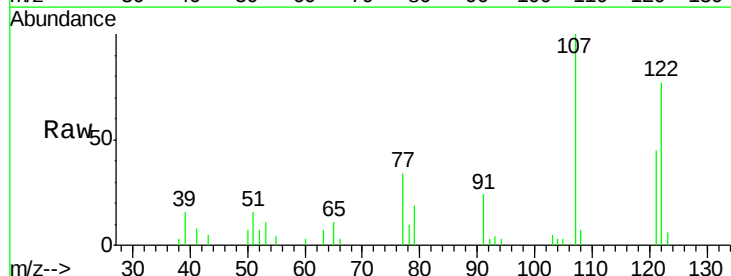
Instrument :
 BNA_F
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 MGP202-30-32

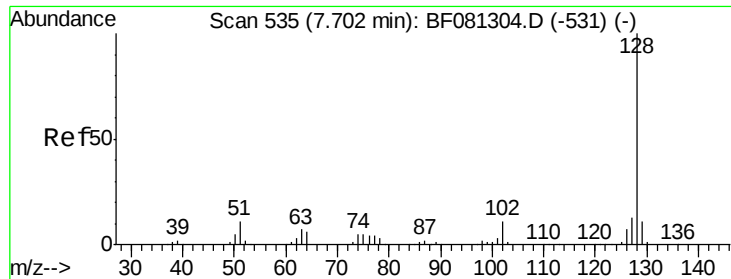
Tgt Ion: 82 Resp: 317984
 Ion Ratio Lower Upper
 82 100
 128 39.3 51.0 76.6#
 54 67.5 47.5 71.3



#27
 2,4-Dimethylphenol
 Concen: 9.28 ng
 RT: 10.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF081757.D
 Acq: 23 Sep 2015 5:52

Tgt Ion: 122 Resp: 25072
 Ion Ratio Lower Upper
 122 100
 107 129.9 71.8 107.6#
 121 58.5 42.3 63.5

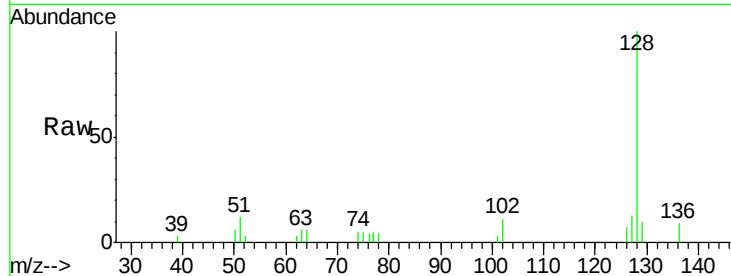




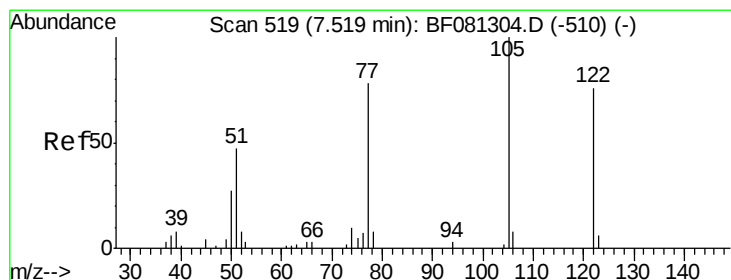
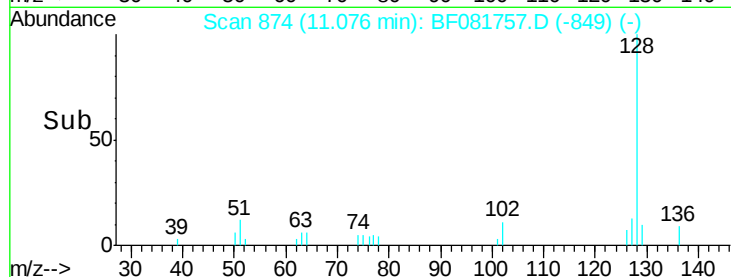
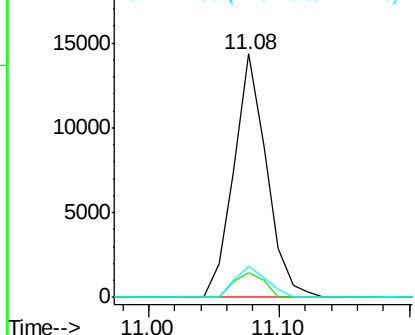
#31
Naphthalene
Concen: 2.82 ng
RT: 11.08 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF081757.D
Acq: 23 Sep 2015 5:52

Instrument :
BNA_F
ClientSampleId :
MGP202-30-32

Tgt Ion:128 Resp: 25051
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.9 9.9 14.9

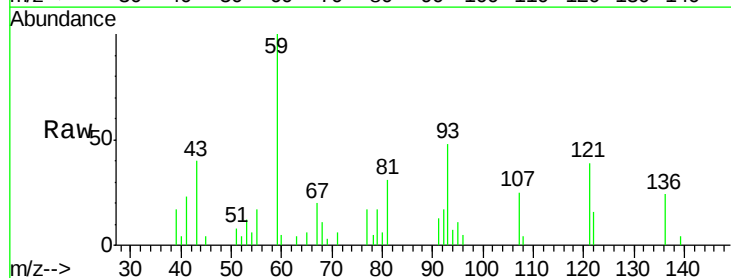


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

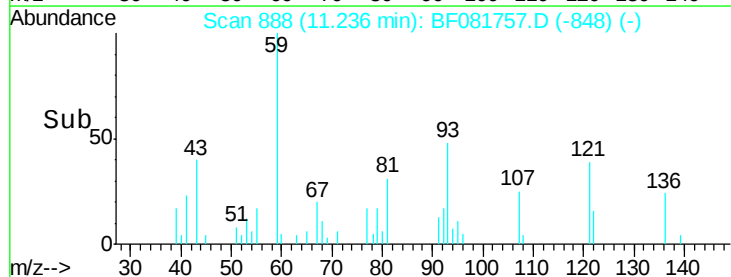
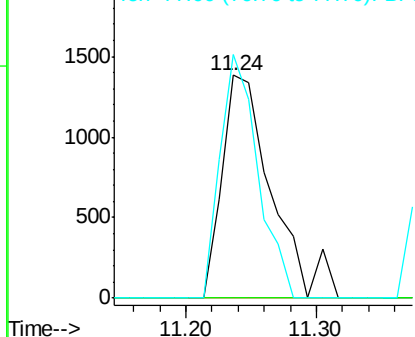


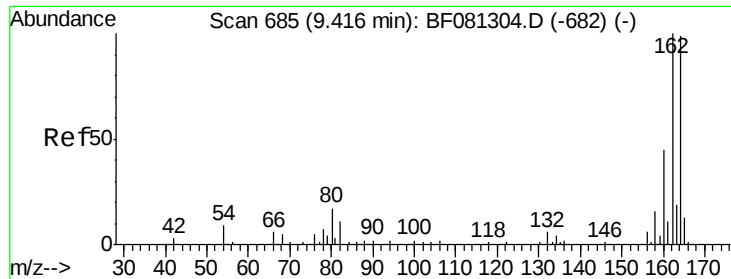
#32
Benzoic acid
Concen: 4.33 ng
RT: 11.24 min Scan# 888
Delta R.T. 0.16 min
Lab File: BF081757.D
Acq: 23 Sep 2015 5:52

Tgt Ion:122 Resp: 3651
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 109.2 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

Instrument :

BNA_F

ClientSampleId :

MGP202-30-32

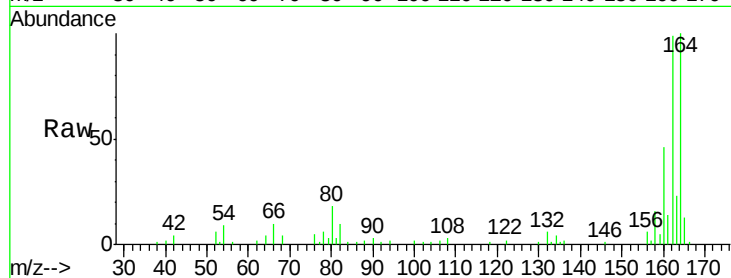
Tgt Ion:164 Resp: 81187

Ion Ratio Lower Upper

164 100

162 98.6 75.2 112.8

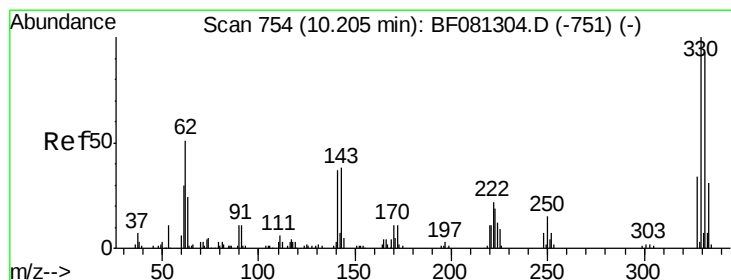
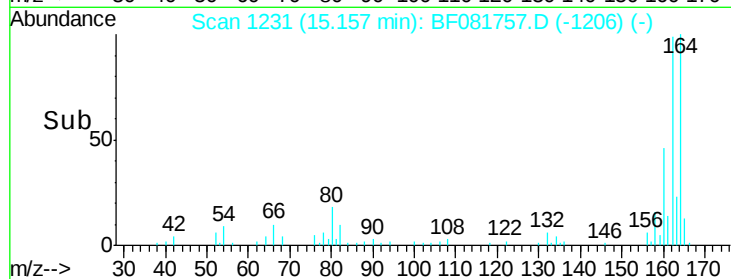
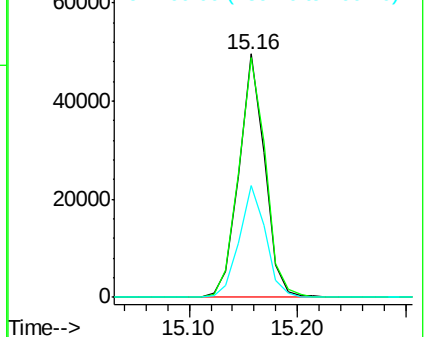
160 45.8 31.5 47.3



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: 138.73 ng

RT: 17.08 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

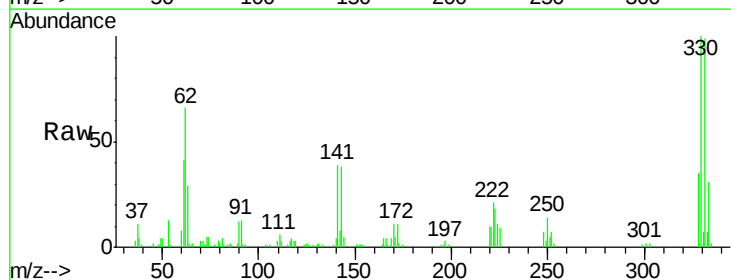
Tgt Ion:330 Resp: 100286

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

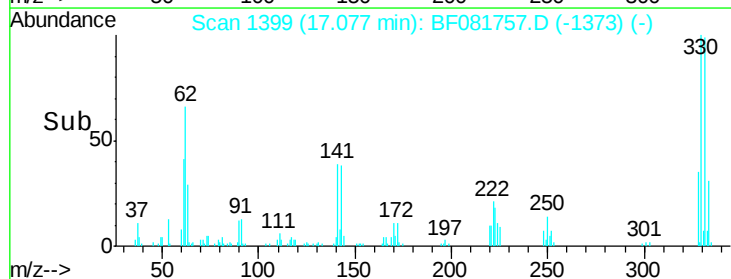
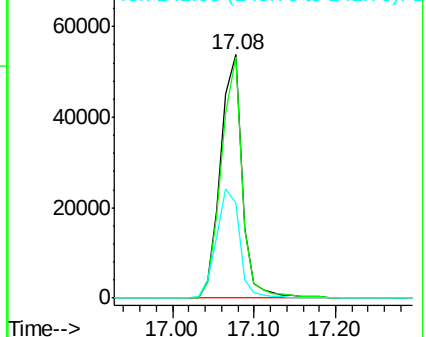
141 47.7 29.7 44.5#

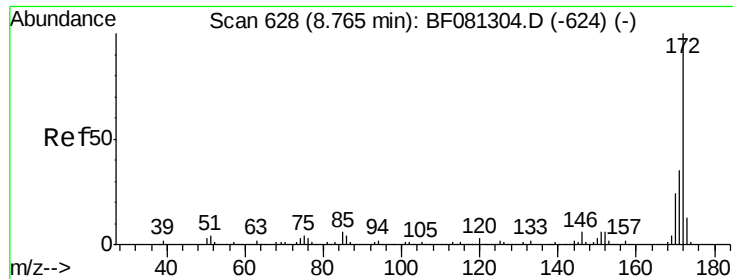


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

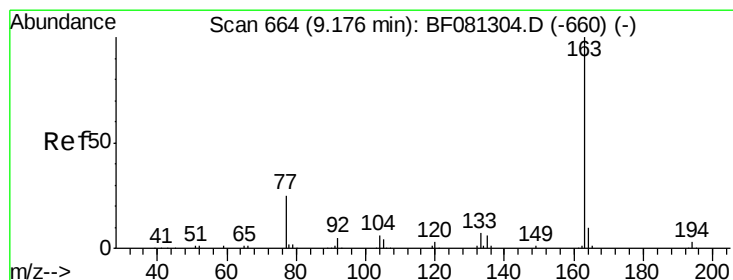
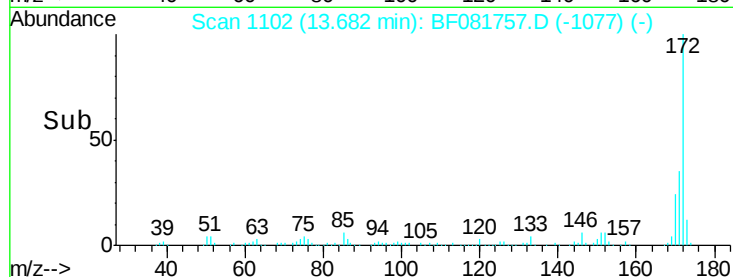
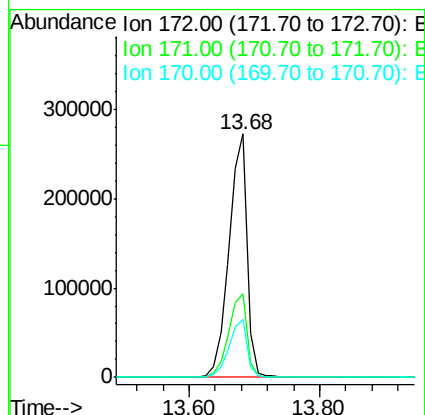
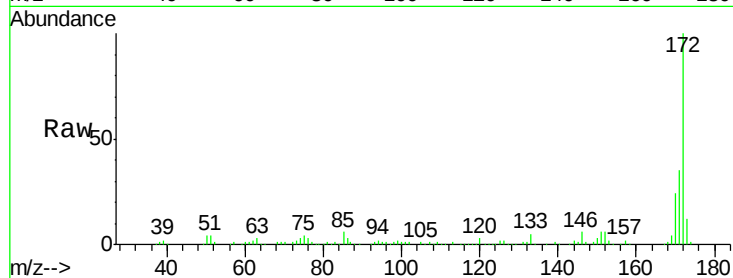




#44
 2-Fluorobiphenyl
 Concen: 82.33 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081757.D
 Acq: 23 Sep 2015 5:52

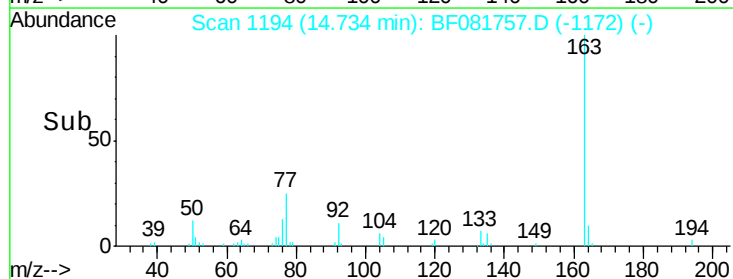
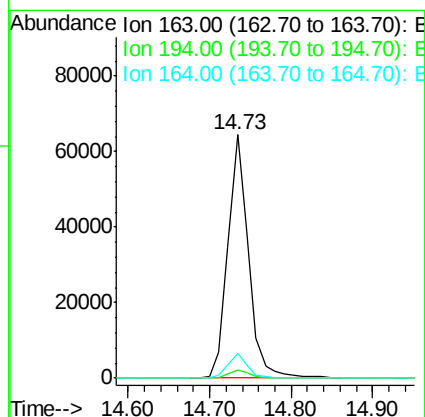
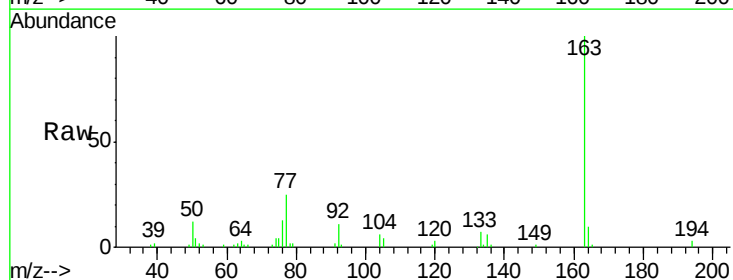
Instrument :
 BNA_F
 ClientSampleId :
 MGP202-30-32

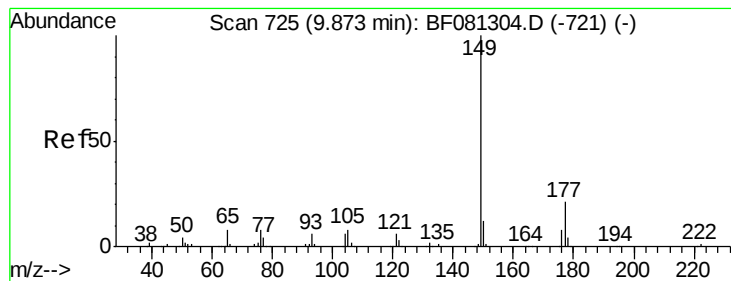
Tgt Ion:172 Resp: 521577
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.1 39.1
 170 23.7 17.4 26.2



#49
 Dimethylphthalate
 Concen: 17.85 ng
 RT: 14.73 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: BF081757.D
 Acq: 23 Sep 2015 5:52

Tgt Ion:163 Resp: 112598
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 10.2 8.3 12.5





#59

Diethylphthalate

Concen: 5.68 ng

RT: 16.44 min Scan# 1343

Delta R.T. -0.03 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

Instrument :

BNA_F

ClientSampleId :

MGP202-30-32

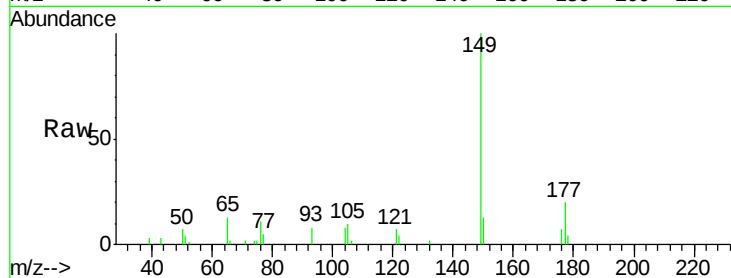
Tgt Ion:149 Resp: 37706

Ion Ratio Lower Upper

149 100

177 19.7 17.5 26.3

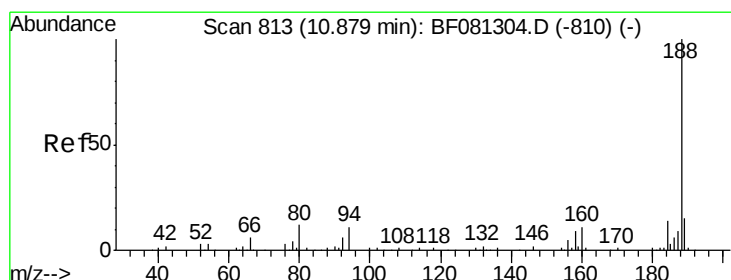
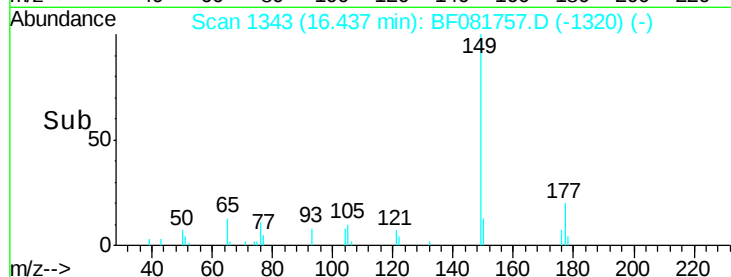
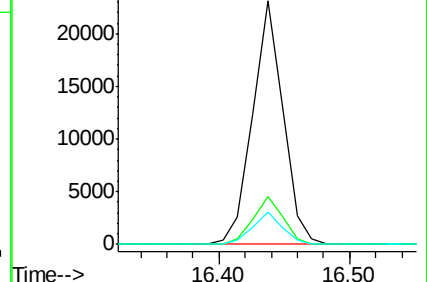
150 13.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.67 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

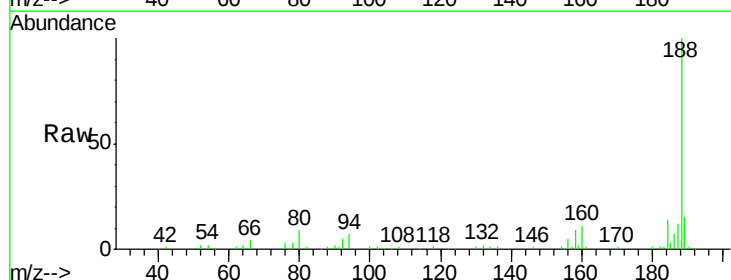
Tgt Ion:188 Resp: 161428

Ion Ratio Lower Upper

188 100

94 7.2 11.1 16.7#

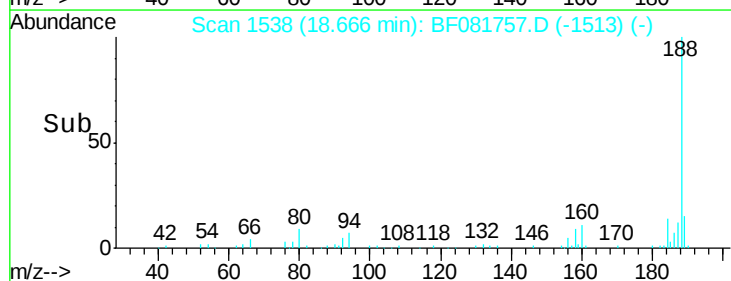
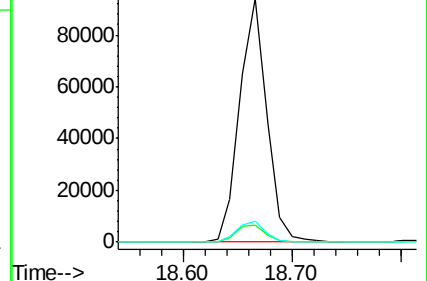
80 8.7 11.0 16.4#

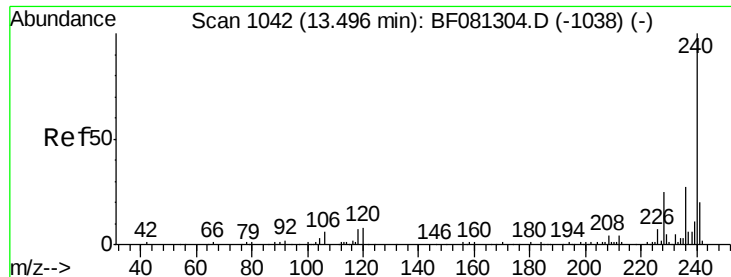


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF081757.D

Acq: 23 Sep 2015 5:52

Instrument :

BNA_F

ClientSampleId :

MGP202-30-32

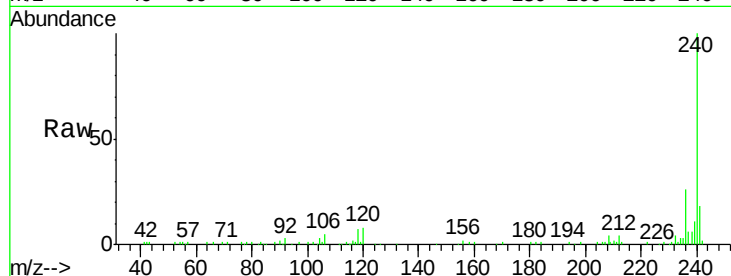
Tgt Ion:240 Resp: 115046

Ion Ratio Lower Upper

240 100

120 7.8 16.2 24.2#

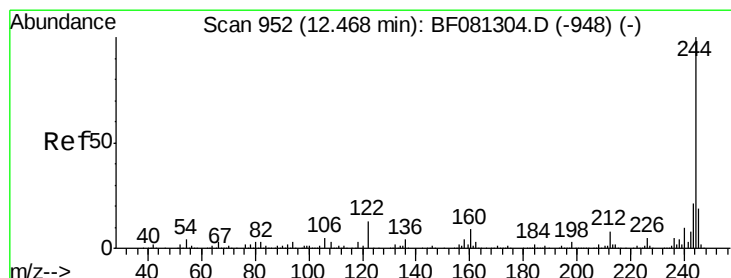
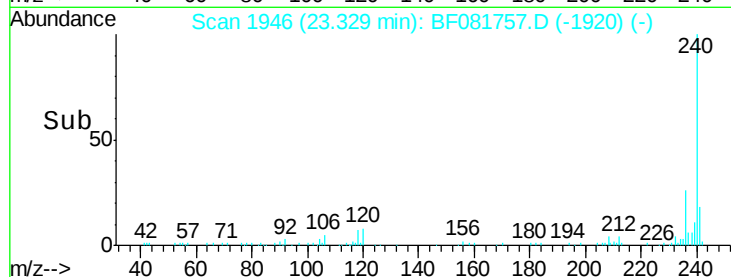
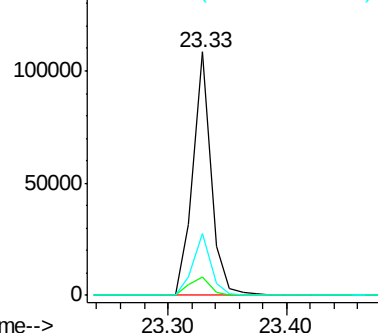
236 25.6 18.4 27.6



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: 91.94 ng

RT: 22.05 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF081757.D

Acq: 23 Sep 2015 5:52

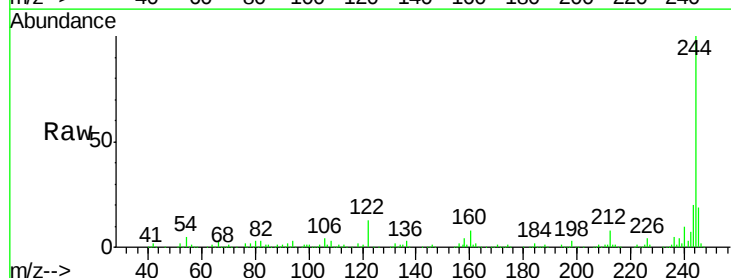
Tgt Ion:244 Resp: 454400

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

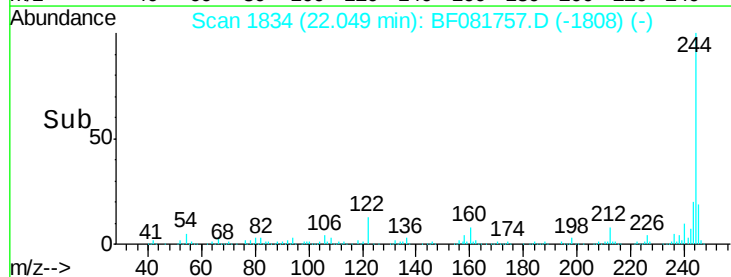
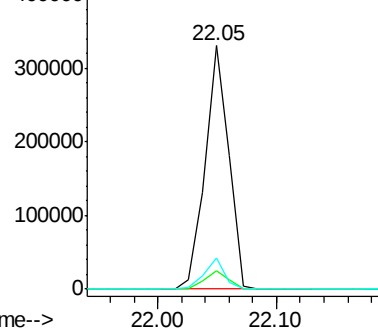
122 12.7 17.4 26.2#

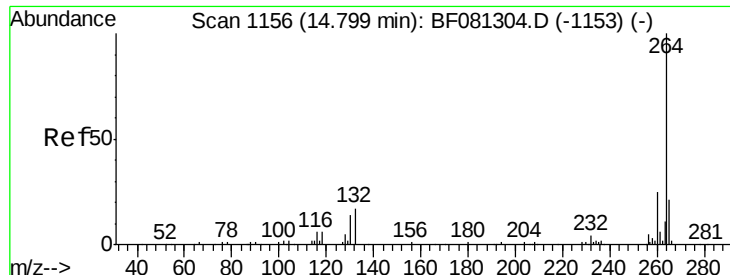


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

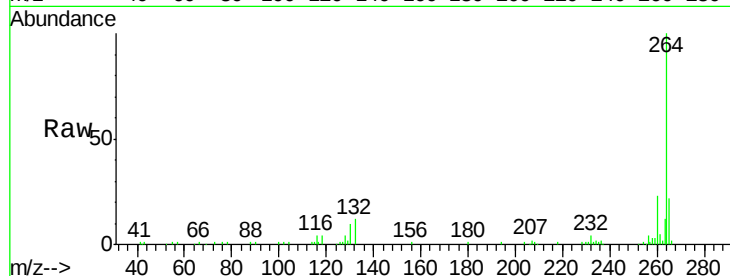




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081757.D
Acq: 23 Sep 2015 5:52

Instrument :
BNA_F
ClientSampleId :
MGP202-30-32

Tgt Ion: 264 Resp: 84939
Ion Ratio Lower Upper
264 100
260 23.5 16.7 25.1
265 21.7 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

