

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081737.D
 Acq On : 22 Sep 2015 6:52
 Operator : UM/IZ
 Sample : G3748-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP-202-30-32

Quant Time: Sep 22 07:42:54 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 04:14:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34611	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	136477	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	64373	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	133844	20.00	ng	0.00
75) Chrysene-d12	23.35	240	97121	20.00	ng	0.00
86) Perylene-d12	24.79	264	72991	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	284998	127.76	ng	0.02
7) Phenol-d6	7.60	99	401150	135.85	ng	0.00
23) Nitrobenzene-d5	9.46	82	260802	92.20	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	80109	139.76	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	417570	83.13	ng	-0.01
78) Terphenyl-d14	22.07	244	391892	93.93	ng	0.00

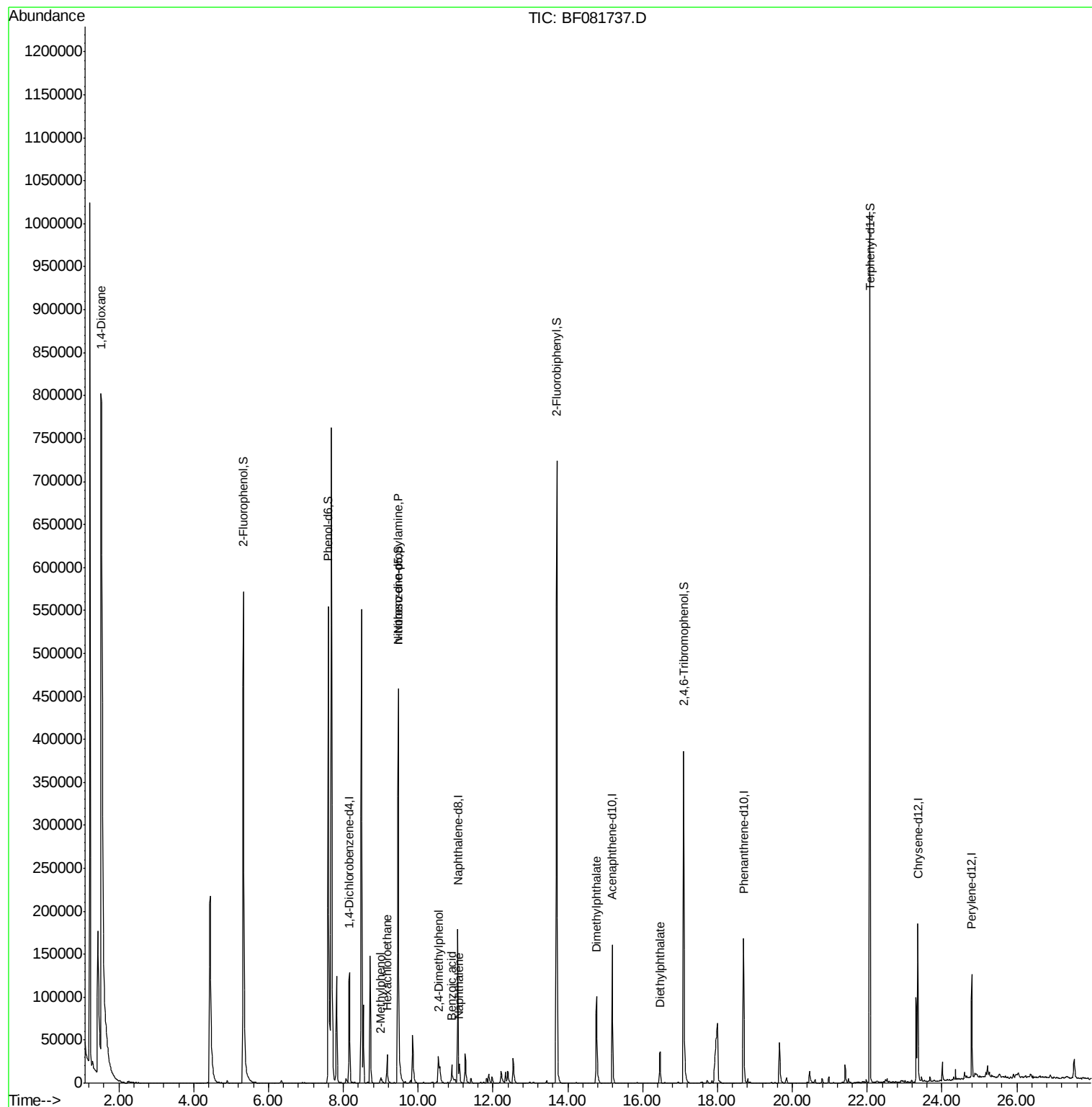
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.52	88	51951	51.85	ng	# 11
17) 2-Methylphenol	9.00	107	4544	2.32	ng	# 77
18) Hexachloroethane	9.17	117	15611	15.00	ng	# 5
19) n-Nitroso-di-n-propylamine	9.46	70	35185	17.51	ng	# 65
27) 2,4-Dimethylphenol	10.54	122	20715	9.37	ng	# 70
31) Naphthalene	11.10	128	20379	2.80	ng	# 97
32) Benzoic acid	10.89	122	13254	10.49	ng	# 30
49) Dimethylphthalate	14.77	163	88763	17.75	ng	# 97
59) Diethylphthalate	16.47	149	29168	5.54	ng	# 97

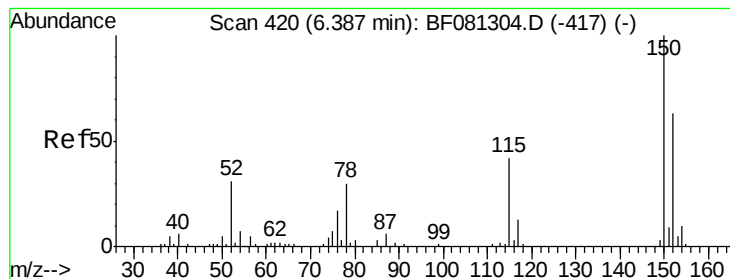
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

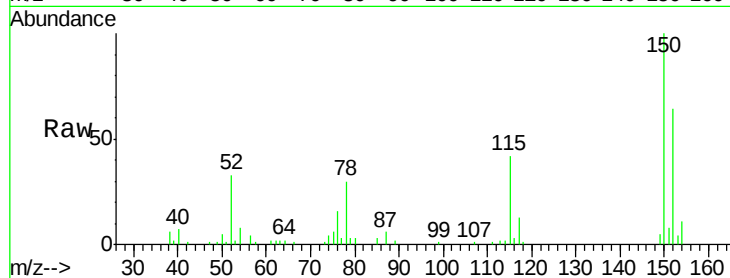
Tot Ion:152 Resp: 34611

Ion Ratio Lower Upper

152 100

150 157.1 124.7 187.1

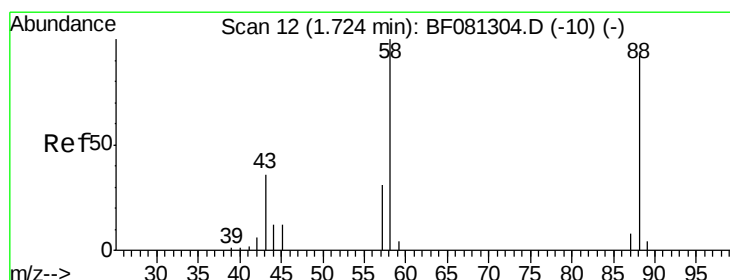
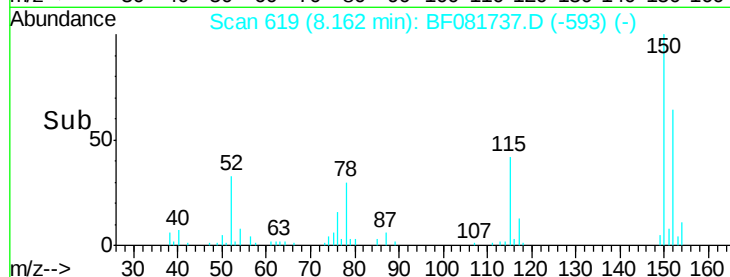
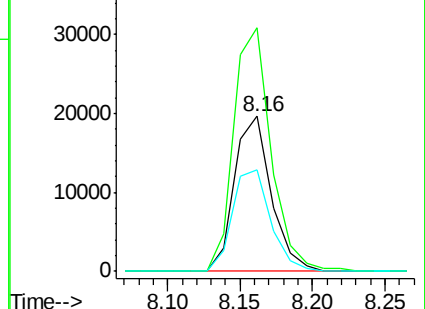
115 65.6 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 51.85 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

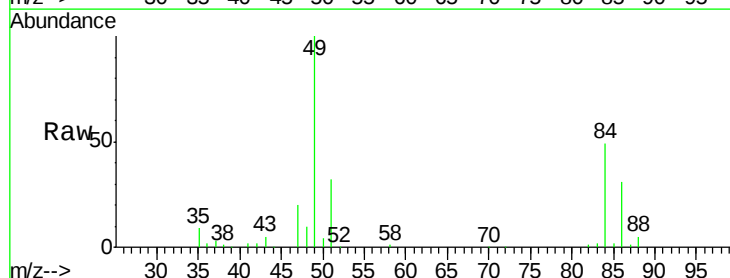
Tgt Ion: 88 Resp: 51951

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

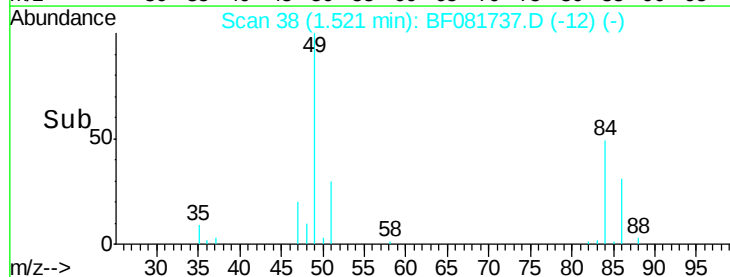
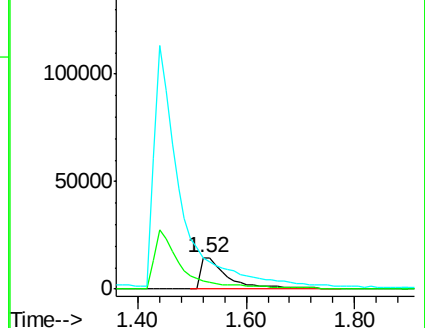
43 0.0 26.6 40.0#

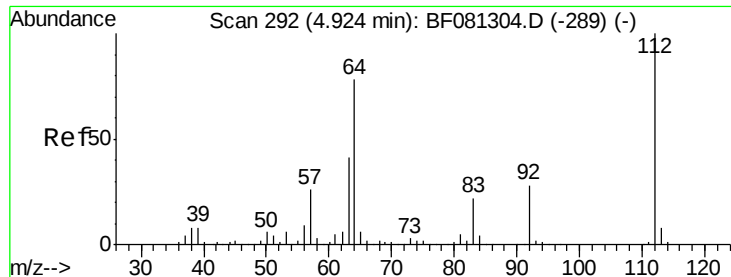


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 127.76 ng

RT: 5.33 min Scan# 371

Delta R.T. 0.02 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

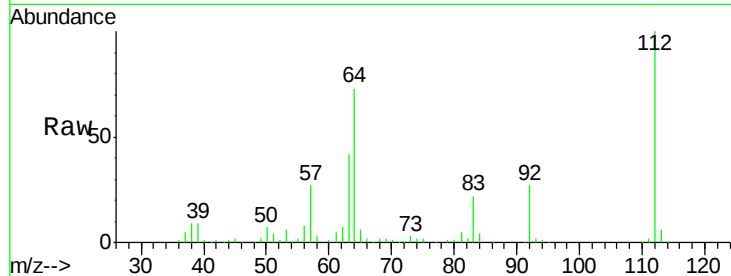
Tot Ion: 112 Resp: 284998

Ion Ratio Lower Upper

112 100

64 72.8 39.7 59.5#

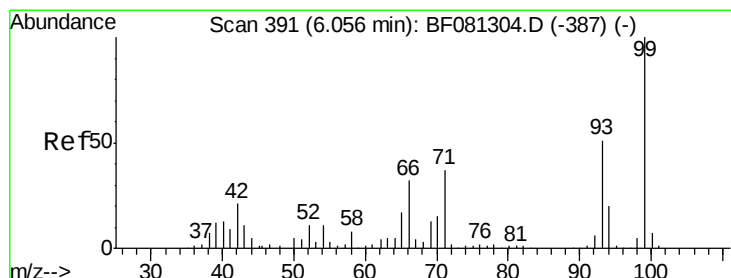
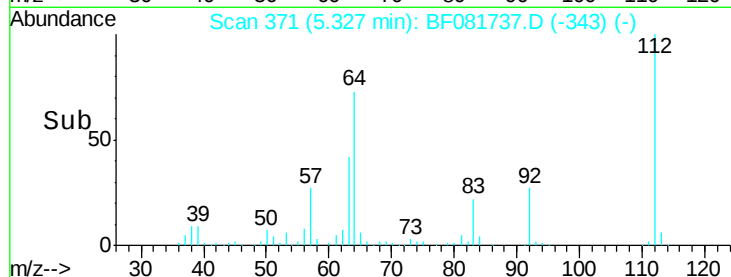
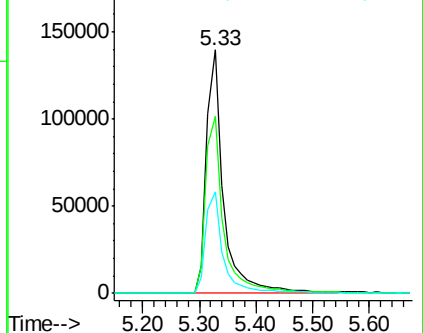
63 42.0 17.4 26.0#



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: 135.85 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

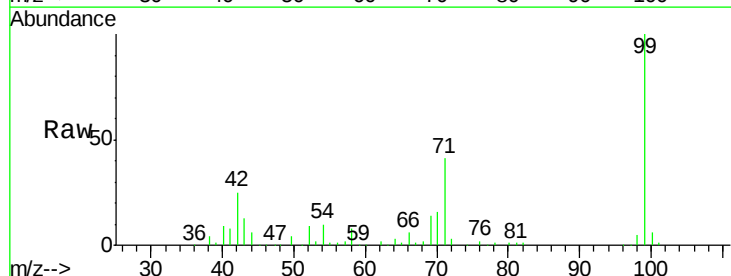
Tgt Ion: 99 Resp: 401150

Ion Ratio Lower Upper

99 100

42 24.8 13.7 20.5#

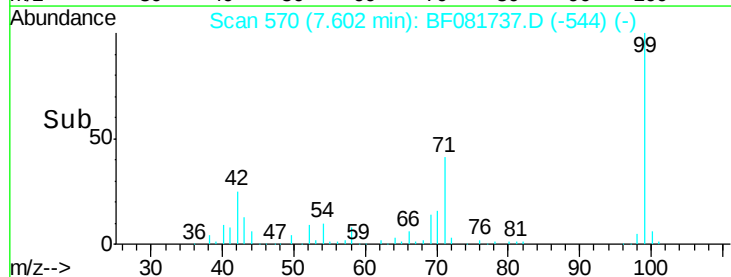
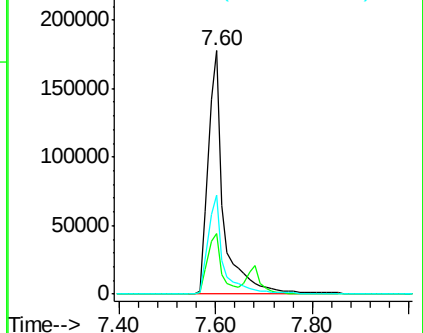
71 40.6 14.2 21.2#

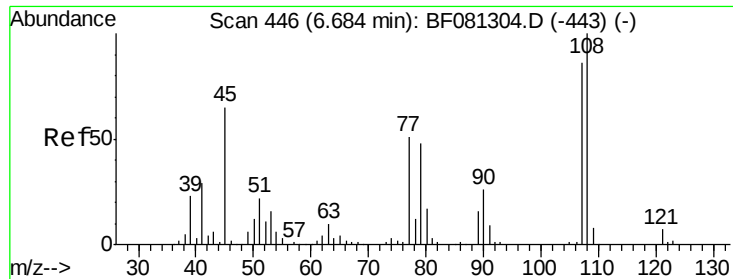


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

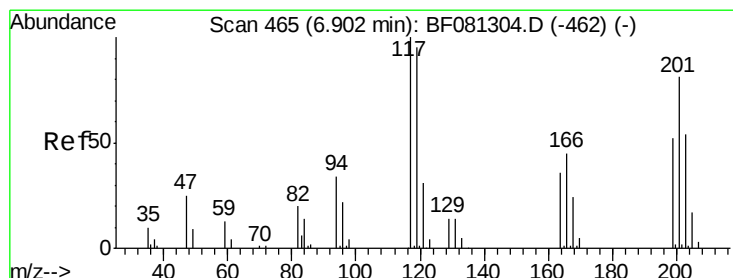
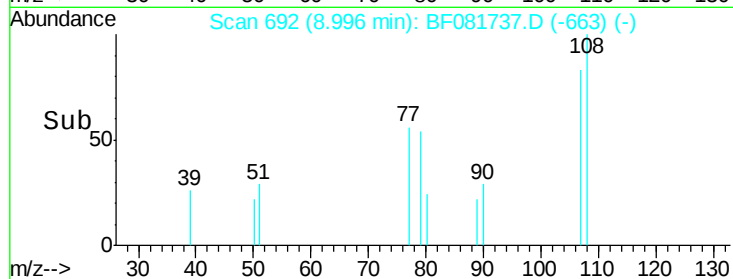
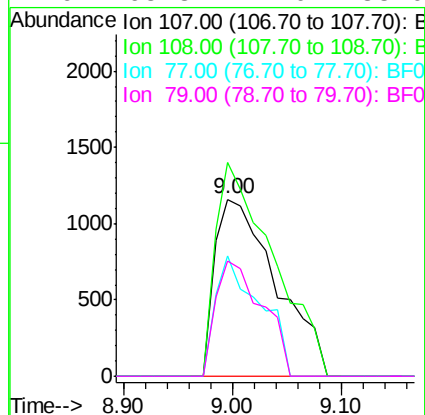
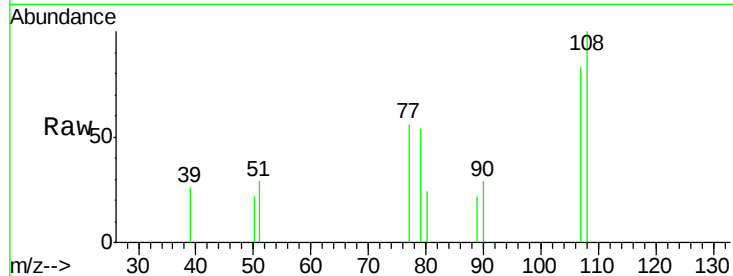




#17
 2-Methylphenol
 Concen: 2.32 ng
 RT: 9.00 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: BF081737.D
 Acq: 22 Sep 2015 6:52

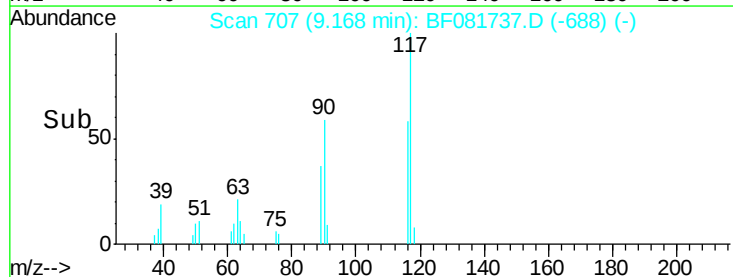
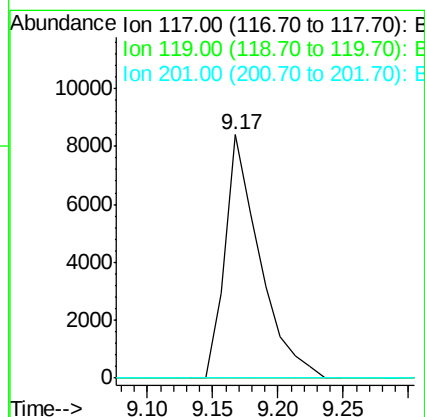
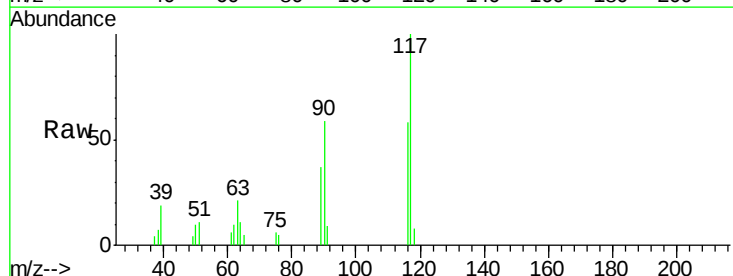
Instrument :
 BNA_F
 ClientSampleId :
 MGP-202-30-32

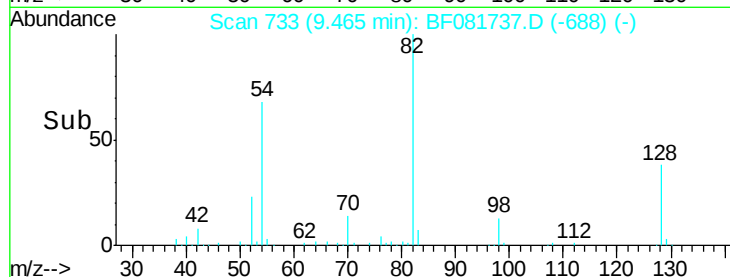
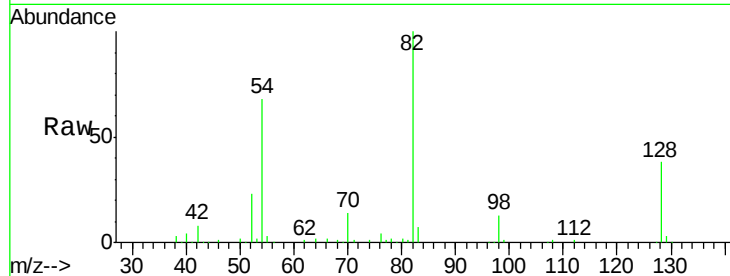
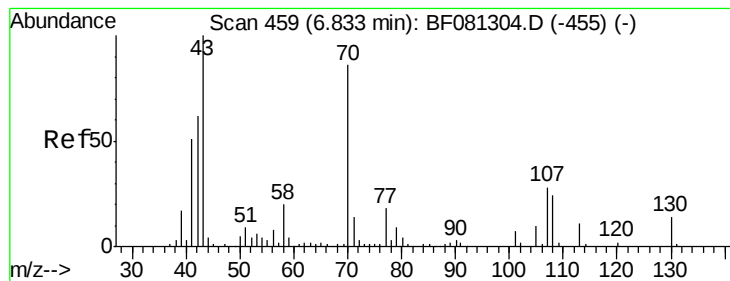
Tot Ion:	107	Resp:	4544
Ion	Ratio	Lower	Upper
107	100		
108	120.8	96.6	145.0
77	67.7	23.3	34.9#
79	65.3	22.0	33.0#



#18
 Hexachloroethane
 Concen: 15.00 ng
 RT: 9.17 min Scan# 707
 Delta R.T. -0.08 min
 Lab File: BF081737.D
 Acq: 22 Sep 2015 6:52

Tgt Ion:	117	Resp:	15611
Ion	Ratio	Lower	Upper
117	100		
119	0.0	83.8	125.6#
201	0.0	55.1	82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 17.51 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.22 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

Tot Ion: 70 Resp: 35185

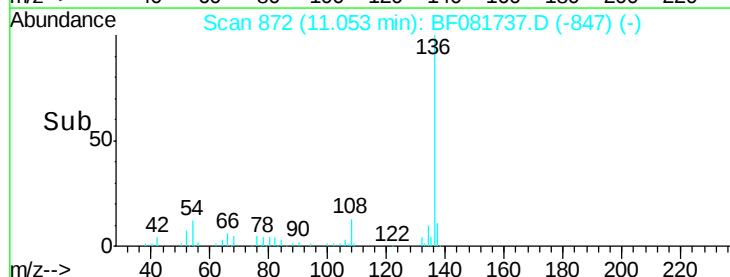
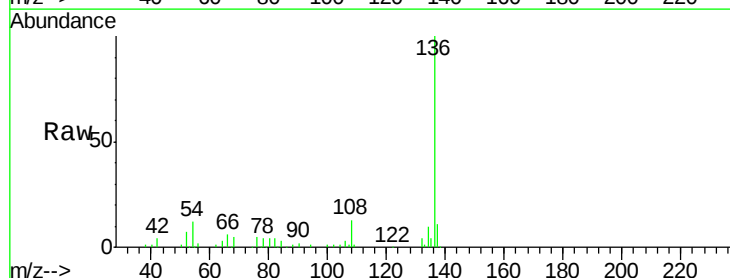
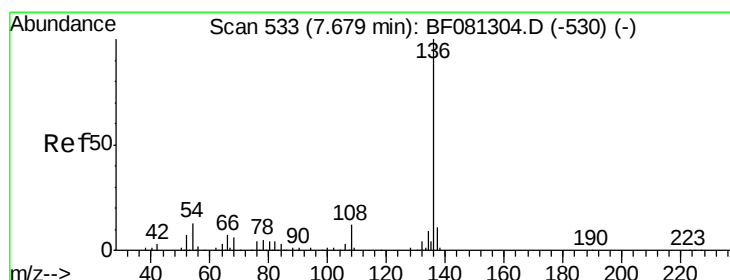
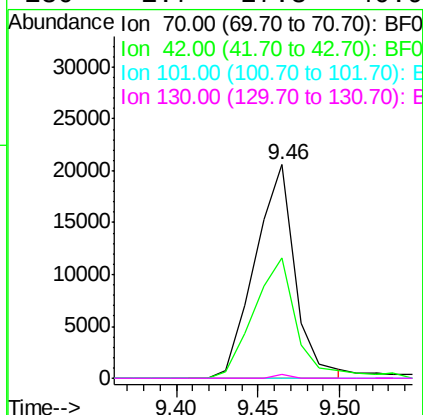
Ion Ratio Lower Upper

70 100

42 56.2 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: 11.05 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Tgt Ion: 136 Resp: 136477

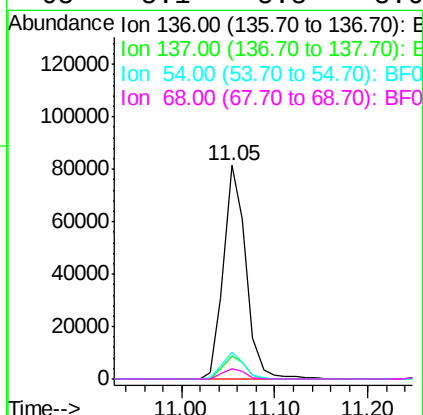
Ion Ratio Lower Upper

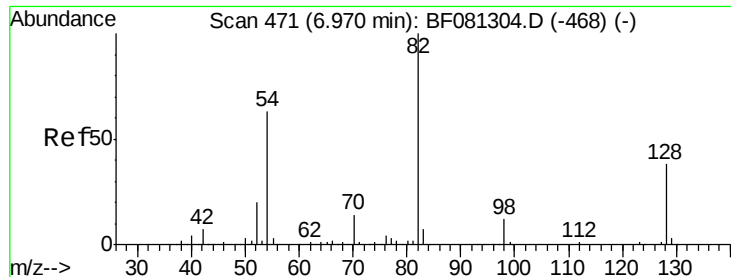
136 100

137 10.9 9.0 13.6

54 12.5 8.2 12.2#

68 5.1 5.8 8.6#

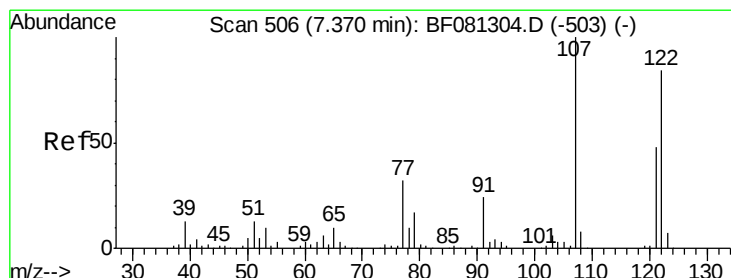
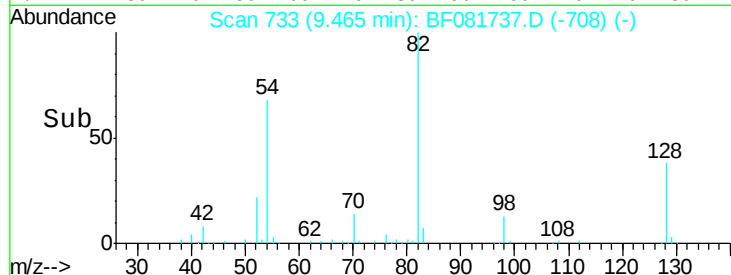
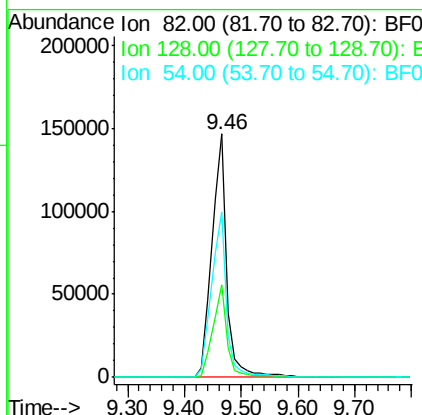
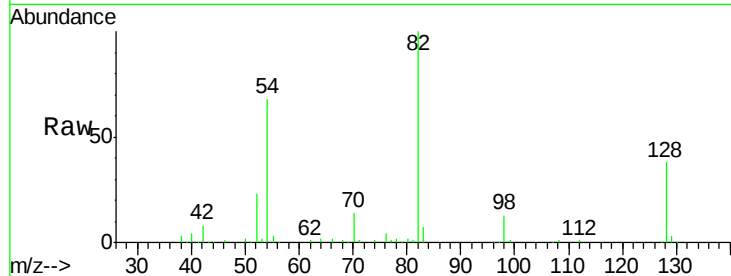




#23
Nitrobenzene-d5
Concen: 92.20 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF081737.D
Acq: 22 Sep 2015 6:52

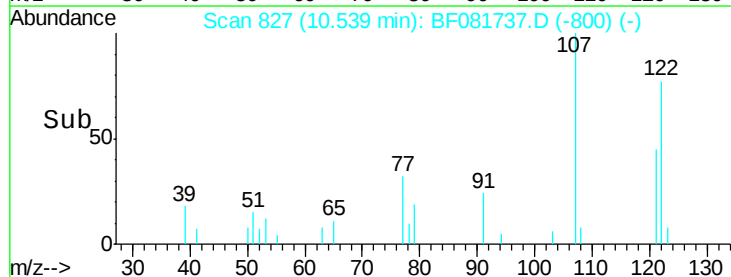
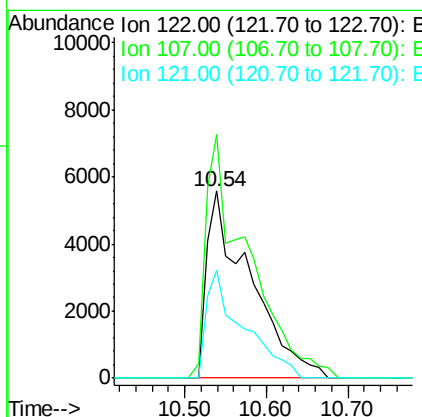
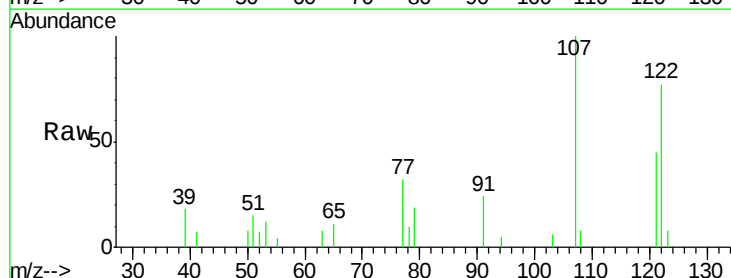
Instrument :
BNA_F
ClientSampleId :
MGP-202-30-32

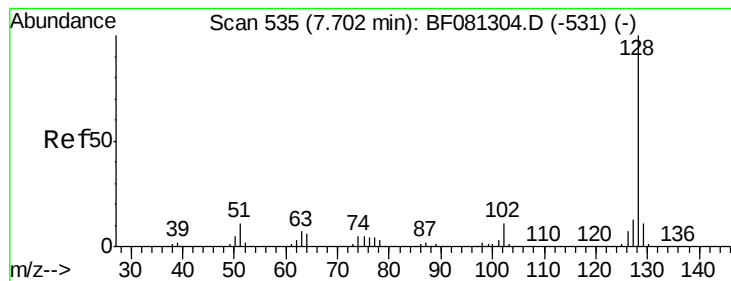
Tot Ion: 82 Resp: 260802
Ion Ratio Lower Upper
82 100
128 37.9 51.0 76.6#
54 67.8 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 9.37 ng
RT: 10.54 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF081737.D
Acq: 22 Sep 2015 6:52

Tgt Ion:122 Resp: 20715
Ion Ratio Lower Upper
122 100
107 130.3 71.8 107.6#
121 58.0 42.3 63.5





#31

Naphthalene

Concen: 2.80 ng

RT: 11.10 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

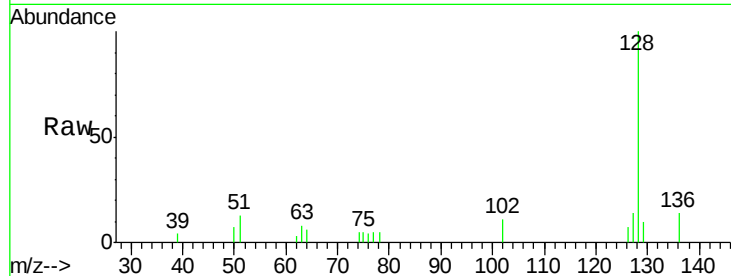
Tot Ion:128 Resp: 20379

Ion Ratio Lower Upper

128 100

129 10.1 8.4 12.6

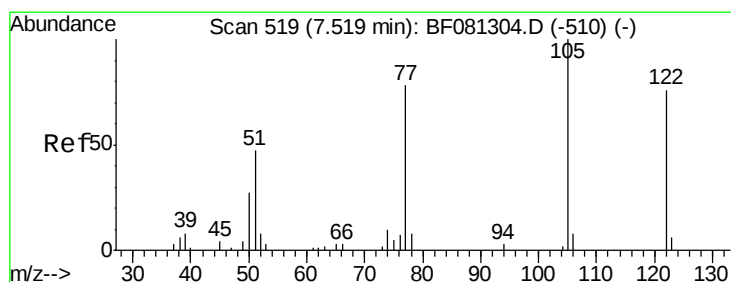
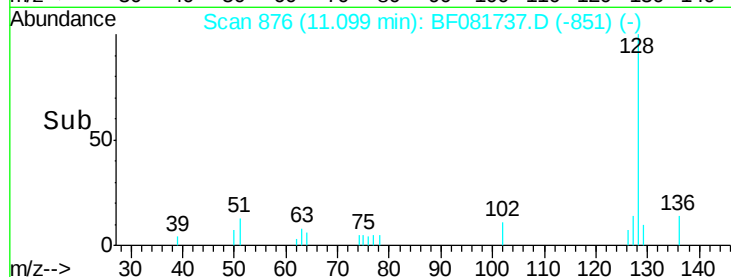
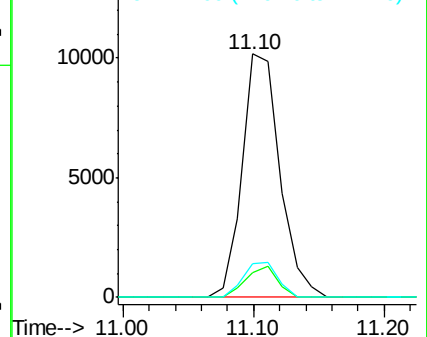
127 13.9 9.9 14.9



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: 10.49 ng

RT: 10.89 min Scan# 858

Delta R.T. -0.16 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

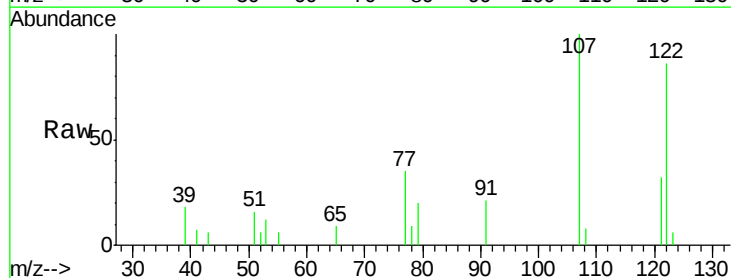
Tgt Ion:122 Resp: 13254

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

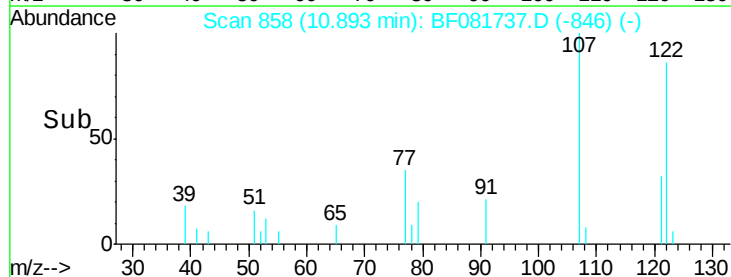
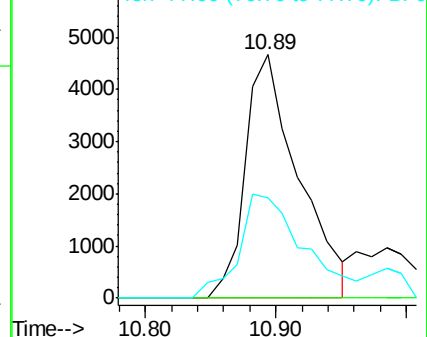
77 41.1 40.5 80.5

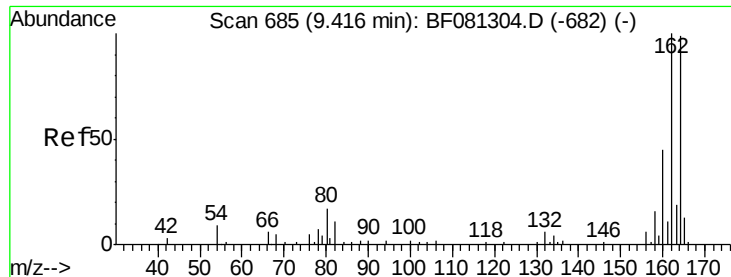


Abundance Ion 122.00 (121.70 to 122.70): E

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: 15.19 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

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ClientSampleId :

MGP-202-30-32

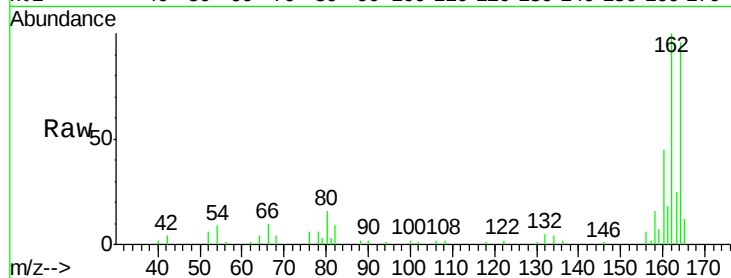
Tot Ion:164 Resp: 64373

Ion Ratio Lower Upper

164 100

162 104.5 75.2 112.8

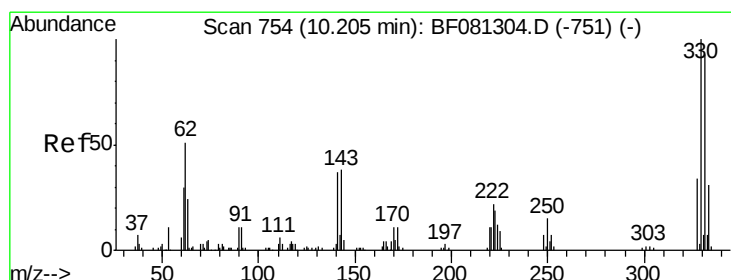
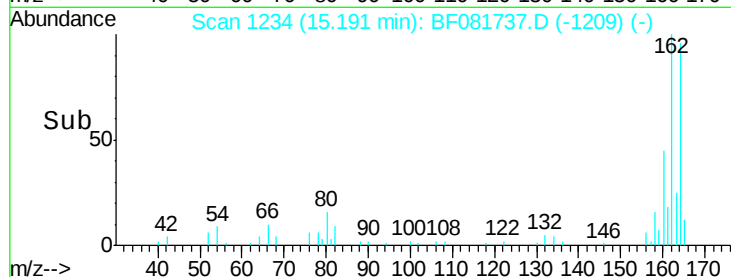
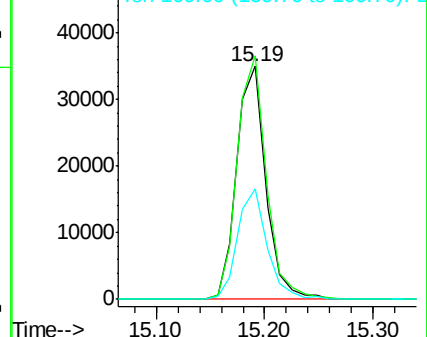
160 47.3 31.5 47.3#



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: 139.76 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

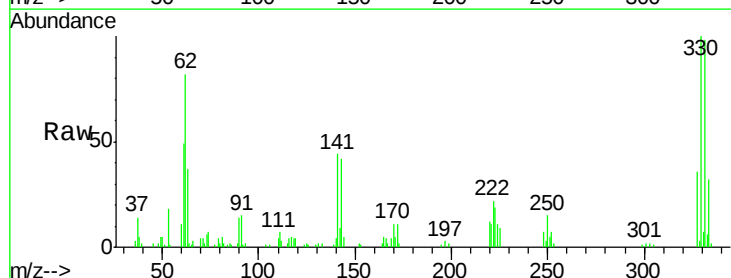
Tgt Ion:330 Resp: 80109

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

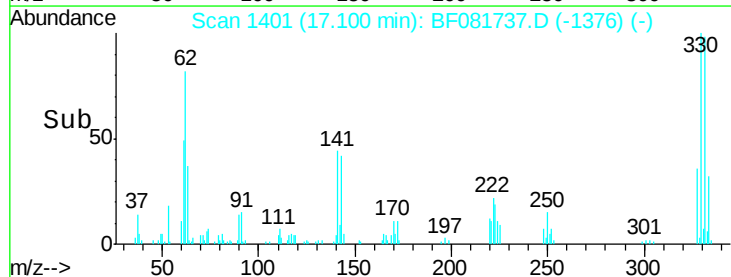
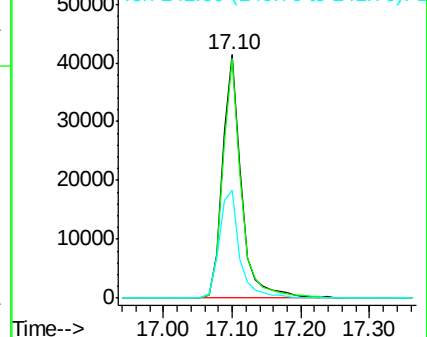
141 47.4 29.7 44.5#

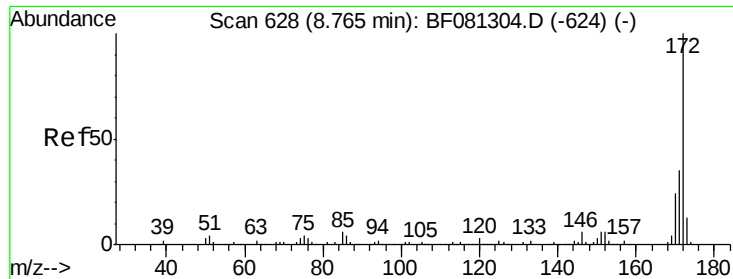


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

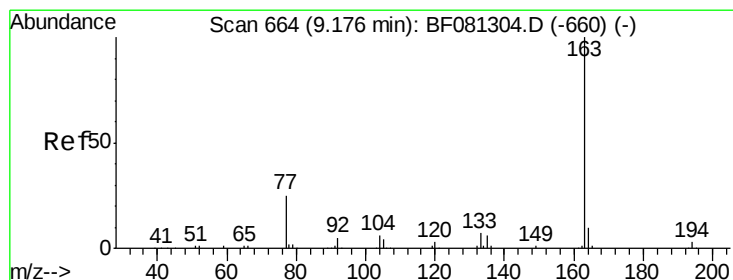
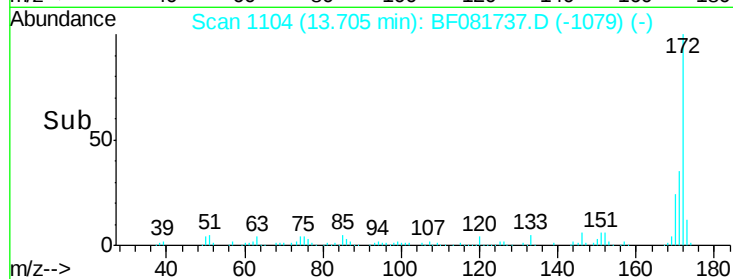
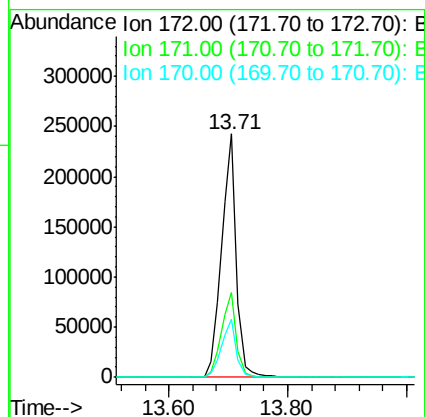
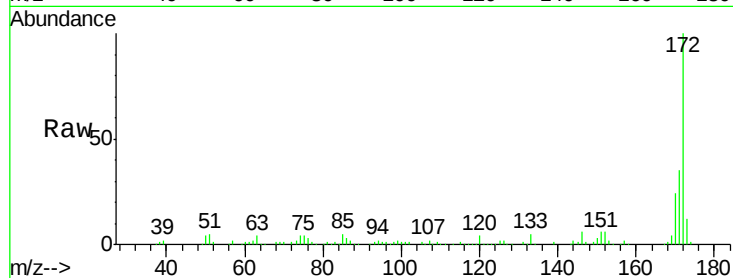




#44
2-Fluorobiphenyl
Concen: 83.13 ng
RT: 13.71 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF081737.D
Acq: 22 Sep 2015 6:52

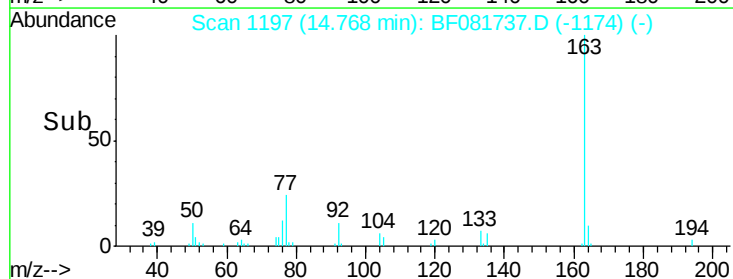
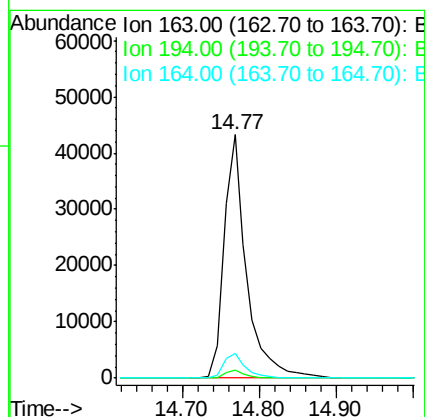
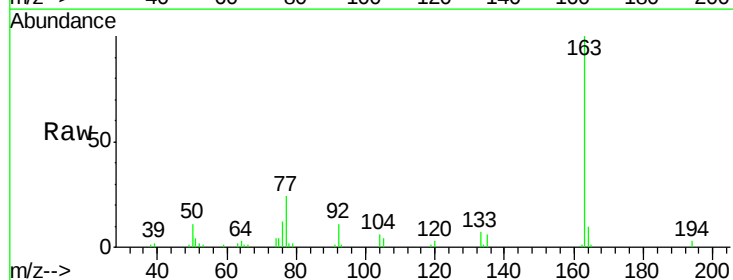
Instrument :
BNA_F
ClientSampleId :
MGP-202-30-32

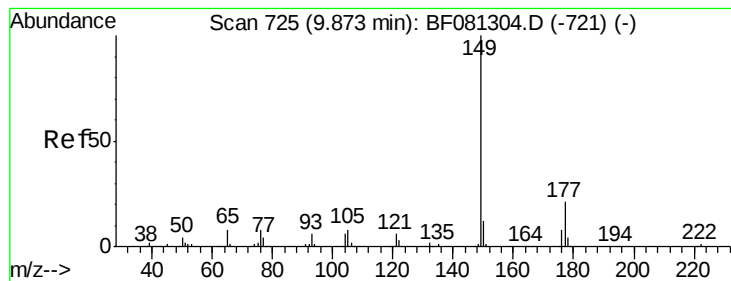
Tot Ion:172 Resp: 417570
Ion Ratio Lower Upper
172 100
171 35.1 26.1 39.1
170 23.9 17.4 26.2



#49
Dimethylphthalate
Concen: 17.75 ng
RT: 14.77 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF081737.D
Acq: 22 Sep 2015 6:52

Tgt Ion:163 Resp: 88763
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 9.9 8.3 12.5





#59

Diethylphthalate

Concen: 5.54 ng

RT: 16.47 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

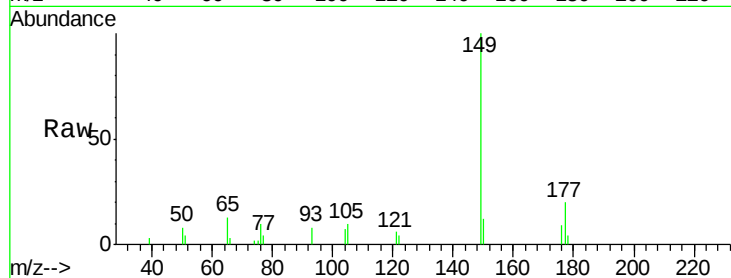
Tot Ion:149 Resp: 29168

Ion Ratio Lower Upper

149 100

177 19.6 17.5 26.3

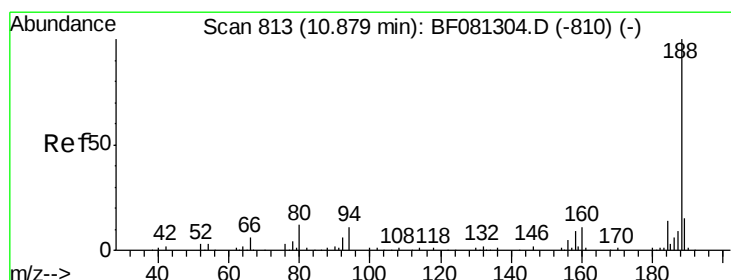
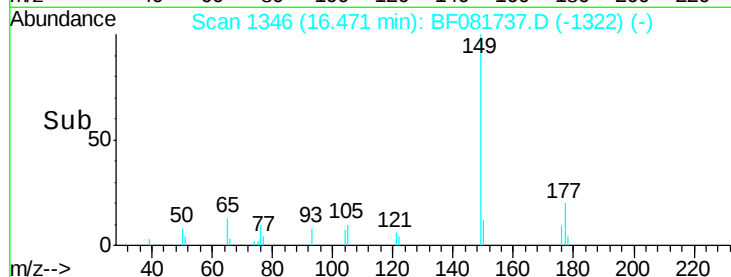
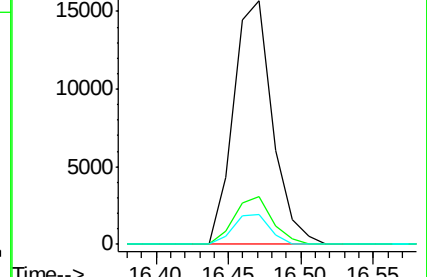
150 12.1 9.4 14.2



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: 18.70 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

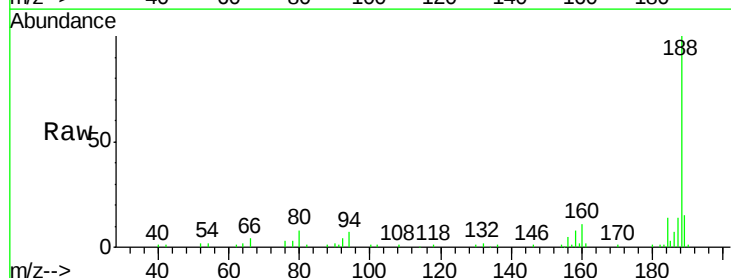
Tgt Ion:188 Resp: 133844

Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

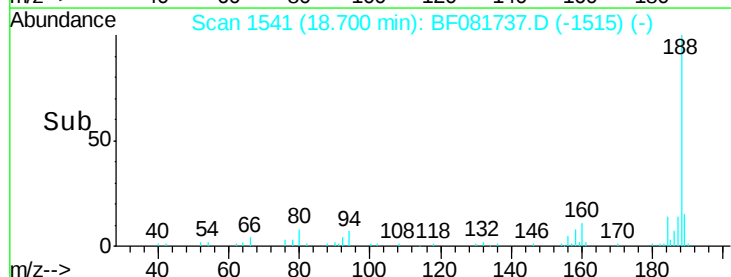
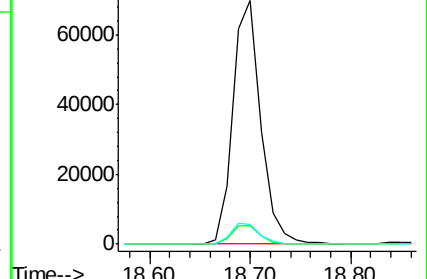
80 8.3 11.0 16.4#

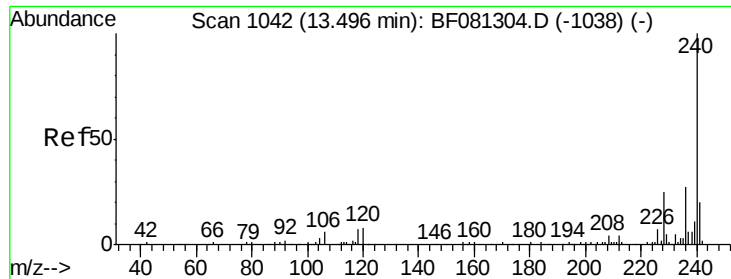


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

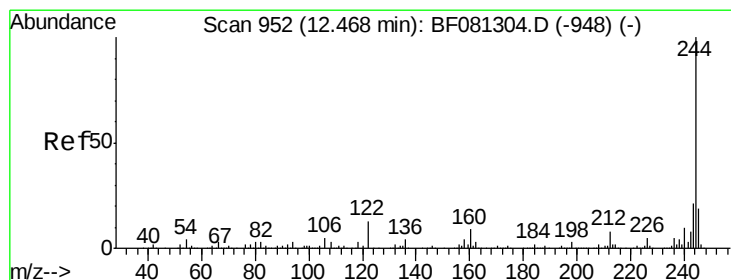
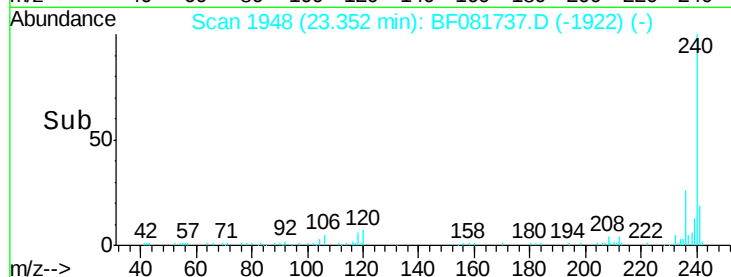
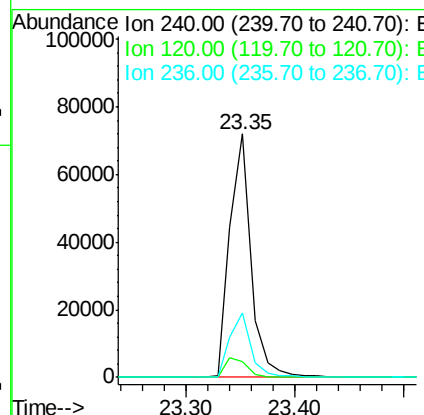
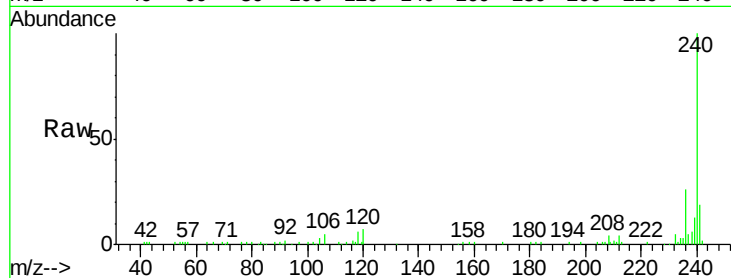




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BF081737.D
 Acq: 22 Sep 2015 6:52

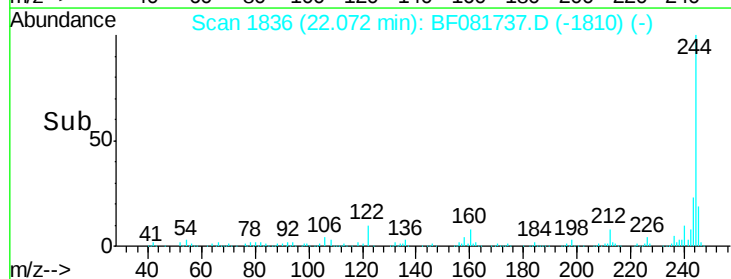
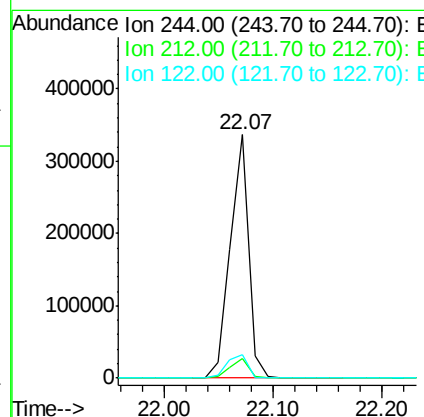
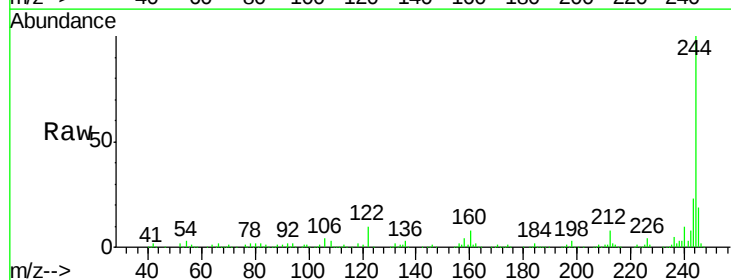
Instrument :
 BNA_F
 ClientSampleId :
 MGP-202-30-32

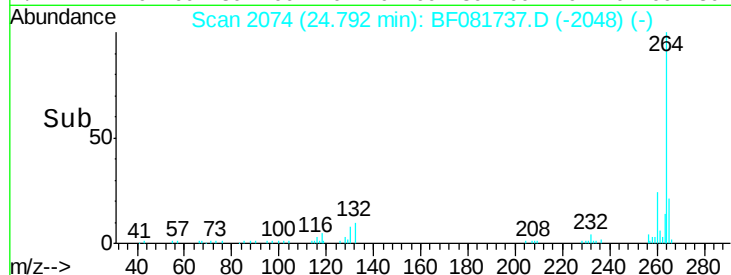
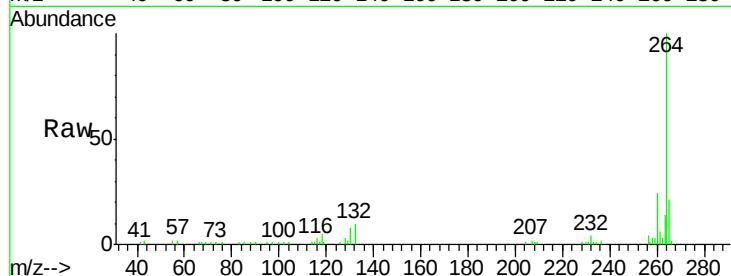
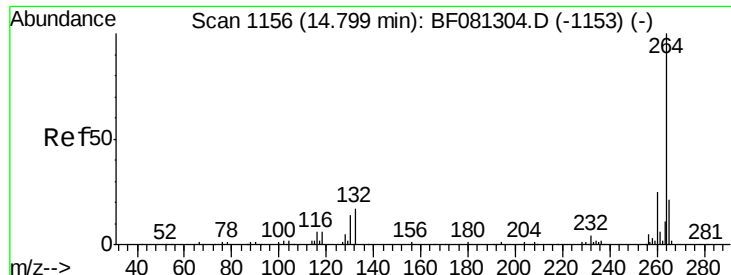
Tot Ion:240 Resp: 97121
 Ion Ratio Lower Upper
 240 100
 120 6.5 16.2 24.2#
 236 26.3 18.4 27.6



#78
 Terphenyl-d14
 Concen: 93.93 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BF081737.D
 Acq: 22 Sep 2015 6:52

Tgt Ion:244 Resp: 391892
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 9.6 17.4 26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BF081737.D
 Acq: 22 Sep 2015 6:52

Instrument :
 BNA_F
 ClientSampleId :
 MGP-202-30-32

Tot Ion:264	Resp:	72991
Ion	Ratio	Lower Upper
264	100	
260	23.6	16.7 25.1
265	21.3	17.2 25.8

