

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096975.D
 Acq On : 22 Jul 2017 7:24
 Operator : SJ/JU
 Sample : I4313-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-1

Quant Time: Jul 24 04:13:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

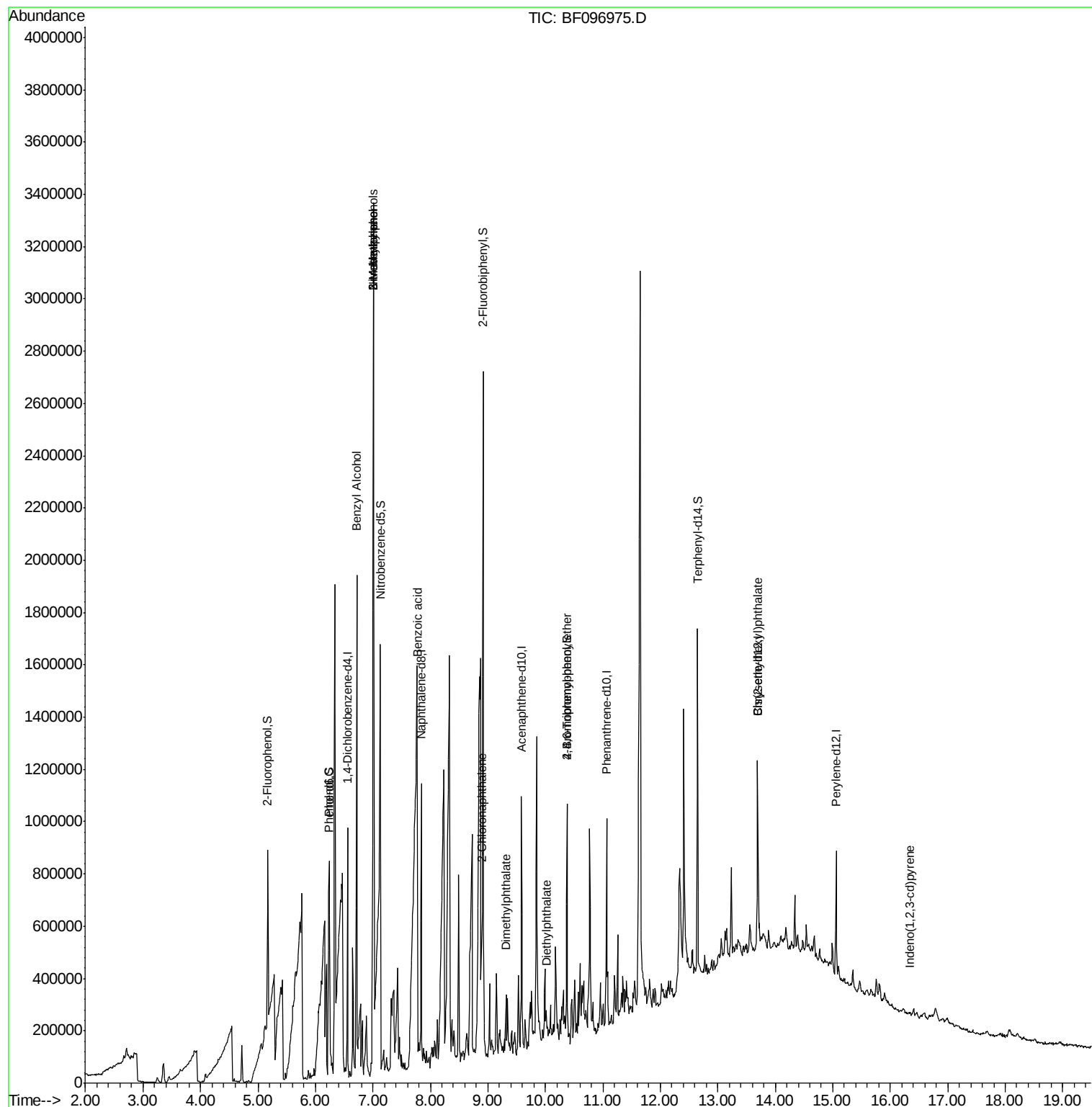
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	125884	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	435382	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	157567	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	239816	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	214832	20.00	ng	-0.04
86) Perylene-d12	15.06	264	196690	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	205027	24.49	ng	-0.03
7) Phenol-d6	6.23	99	227159	22.61	ng	-0.02
23) Nitrobenzene-d5	7.13	82	480930	68.42	ng	-0.04
41) 2,4,6-Tribromophenol	10.37	330	87418	65.00	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	726435	72.84	ng	-0.05
78) Terphenyl-d14	12.65	244	448176	36.18	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.24	94	223321	19.66	ng	93
15) Benzyl Alcohol	6.72	79	18641	2.83	ng	# 60
17) 2-Methylphenol	7.01	107	1027835	146.34	ng	# 69
20) 3+4-Methylphenols	7.01	107	1028863	120.72	ng	# 57
24) Nitrobenzene	7.01	77	302391	41.60	ng	# 45
32) Benzoic acid	7.77	122	124841	29.37	ng	97
46) 2-Chloronaphthalene	8.89	162	53035	5.33	ng	# 42
49) Dimethylphthalate	9.32	163	78054	6.58	ng	98
59) Diethylphthalate	10.02	149	38223	3.31	ng	98
66) 4-Bromophenyl-phenylether	10.37	248	5421	2.21	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.69	149	27041	2.40	ng	98
85) Indeno(1,2,3-cd)pyrene	16.34	276	116	3.34	ng	# 55

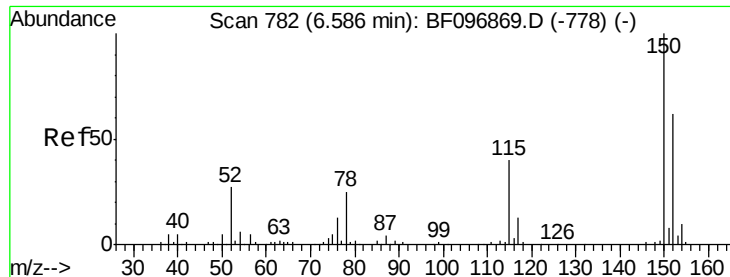
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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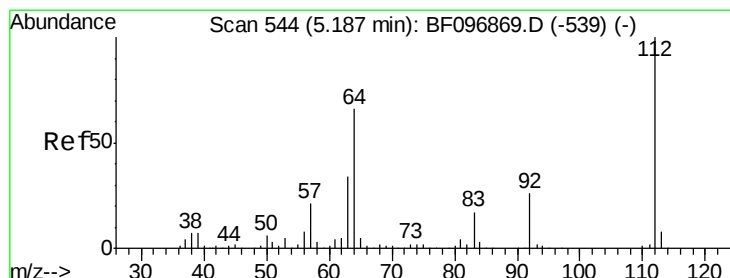
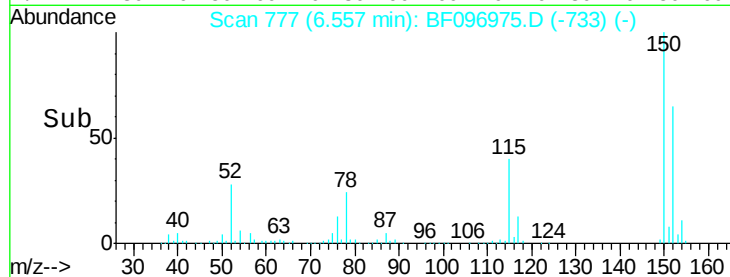
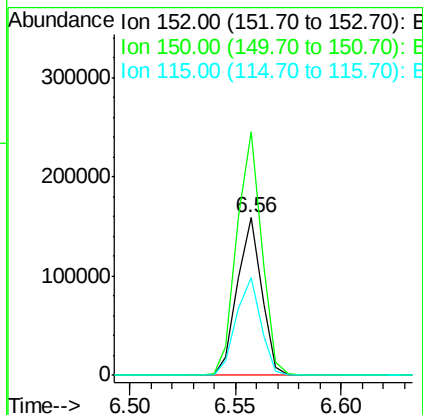
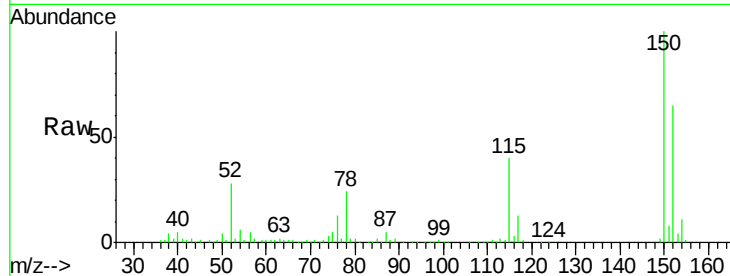


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Instrument :
BNA_F
ClientSampleId :
B-COMB-1

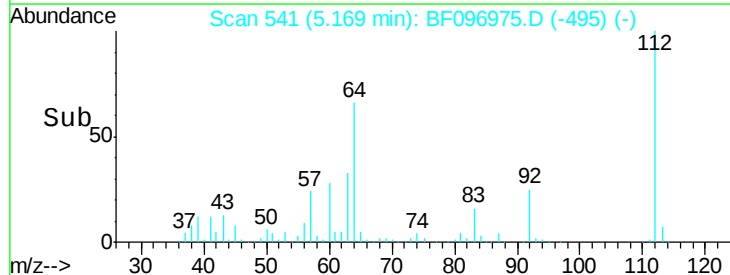
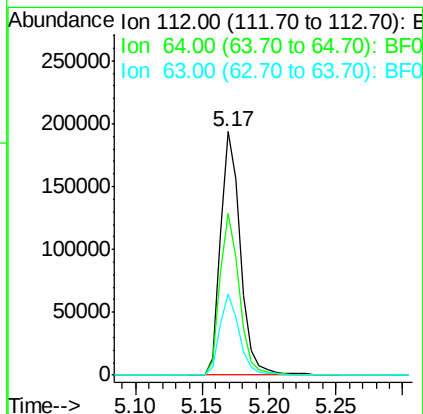
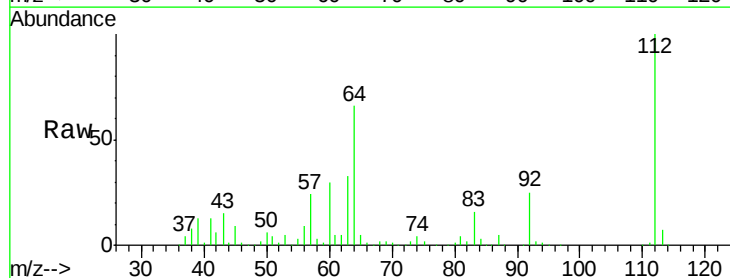
Tot Ion:152 Resp: 125884
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.7 52.2 78.2

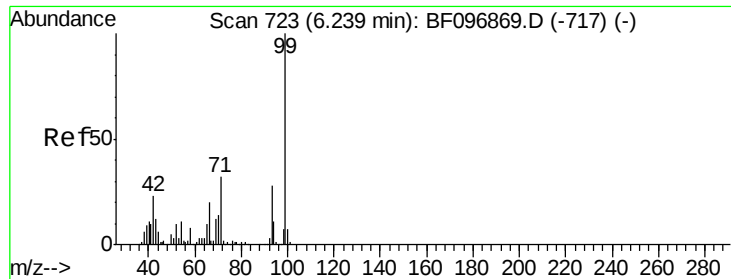


#5

2-Fluorophenol
Concen: 24.49 ng
RT: 5.17 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt Ion:112 Resp: 205027
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.3 23.4 35.0





#7

Phenol-d6

Concen: 22.61 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

Instrument :

BNA_F

ClientSampleId :

B-COMB-1

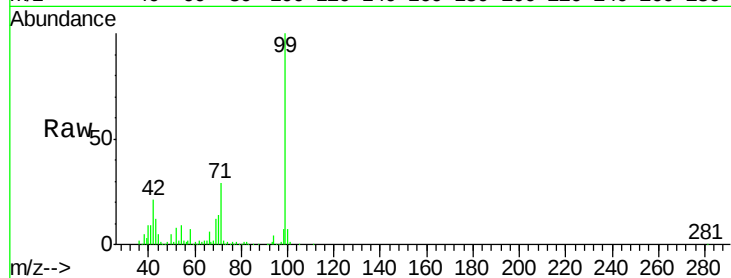
Tot Ion: 99 Resp: 227159

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

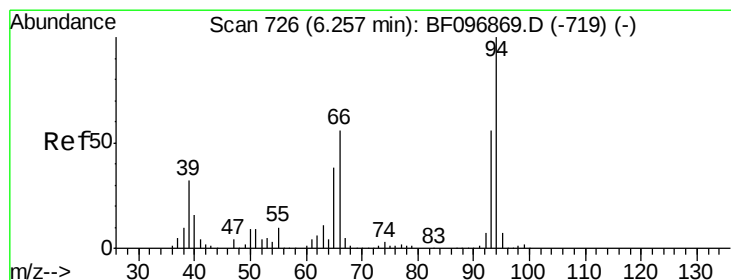
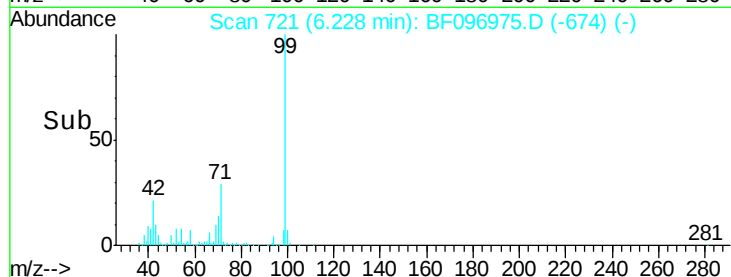
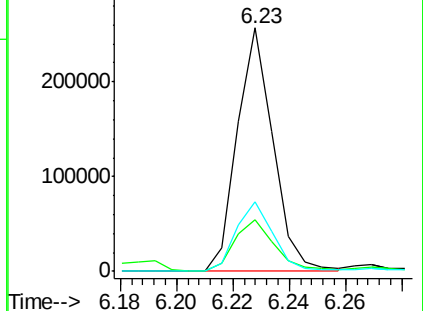
71 28.6 24.5 36.7



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



#10

Phenol

Concen: 19.66 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

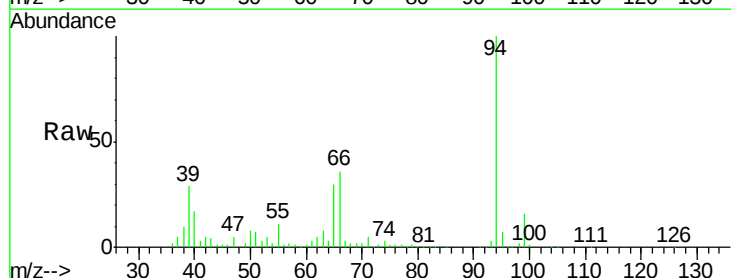
Tgt Ion: 94 Resp: 223321

Ion Ratio Lower Upper

94 100

65 30.2 9.9 49.9

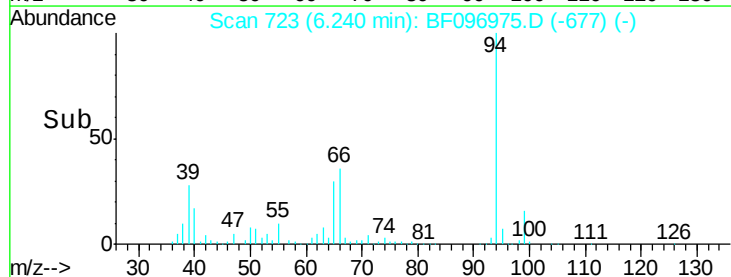
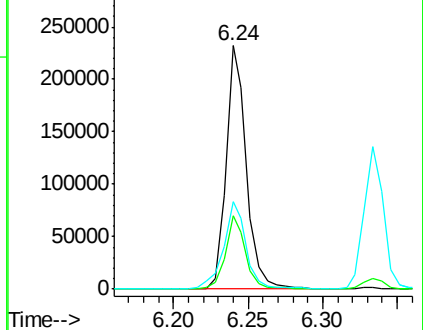
66 35.7 23.1 63.1

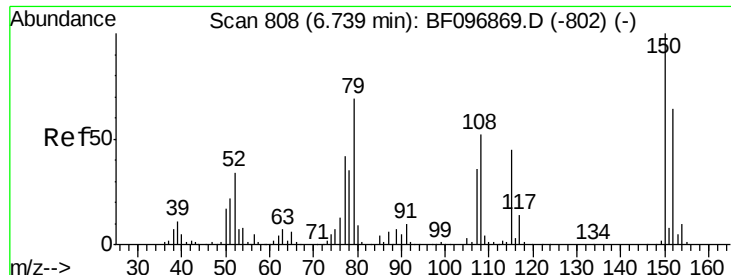


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

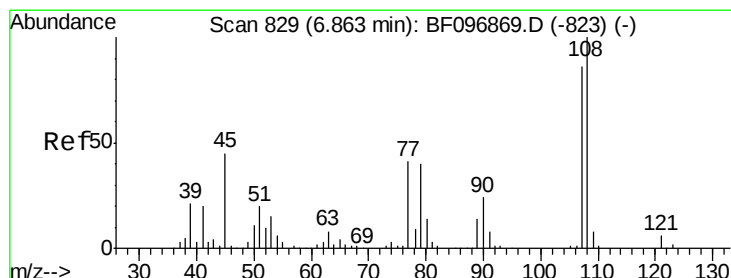
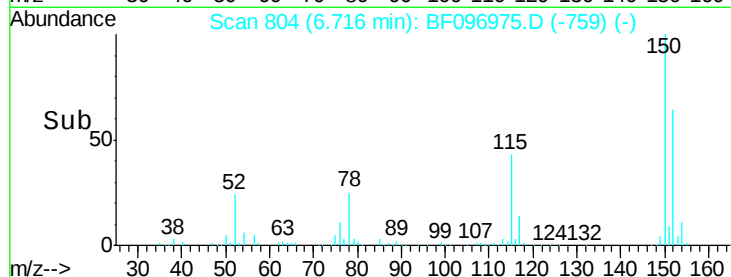
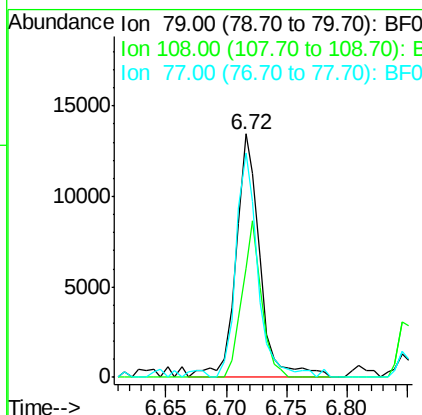
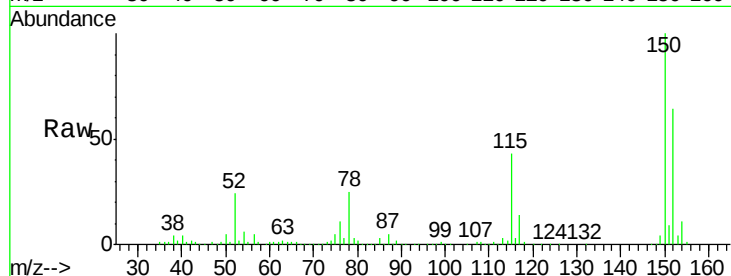




#15
Benzyl Alcohol
Concen: 2.83 ng
RT: 6.72 min Scan# 804
Delta R.T. -0.04 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

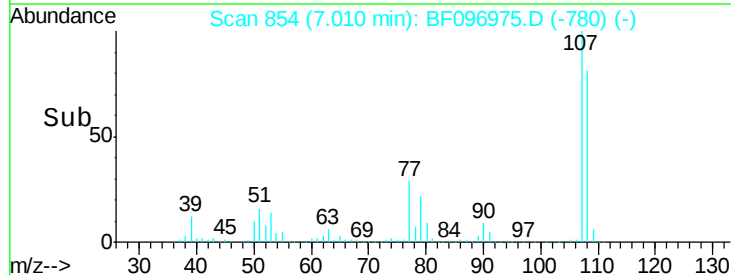
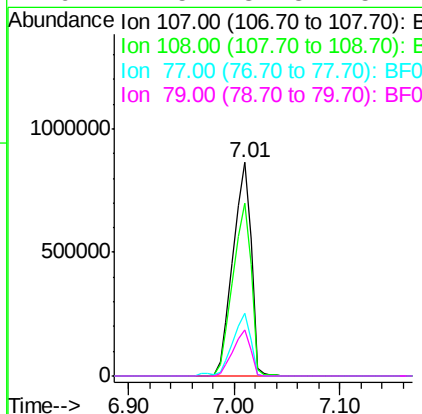
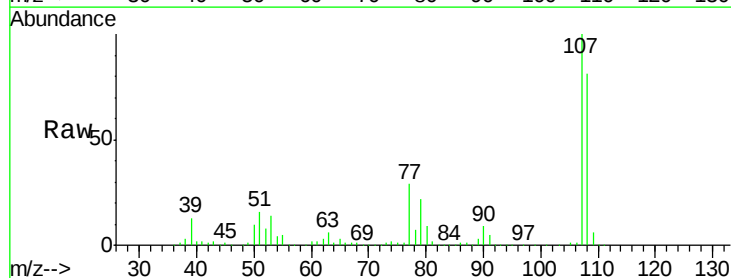
Instrument :
BNA_F
ClientSampleId :
B-COMB-1

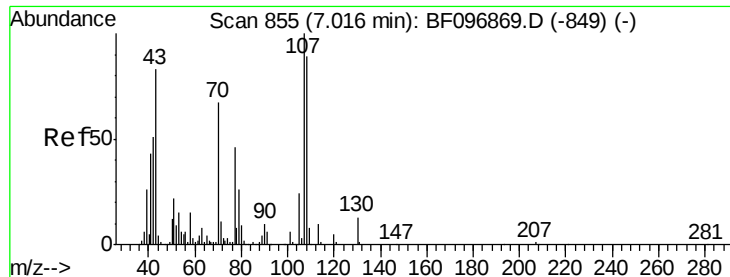
Tot Ion: 79 Resp: 18641
Ion Ratio Lower Upper
79 100
108 44.8 63.4 95.0#
77 92.3 49.2 73.8#



#17
2-Methylphenol
Concen: 146.34 ng
RT: 7.01 min Scan# 854
Delta R.T. 0.14 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt Ion: 107 Resp: 1027835
Ion Ratio Lower Upper
107 100
108 81.1 93.4 140.0#
77 29.4 35.8 53.6#
79 21.5 34.8 52.2#





#20

3+4-Methylphenols

Concen: 120.72 ng

RT: 7.01 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

Instrument :

BNA_F

ClientSampleId :

B-COMB-1

Tot Ion:107 Resp: 1028863

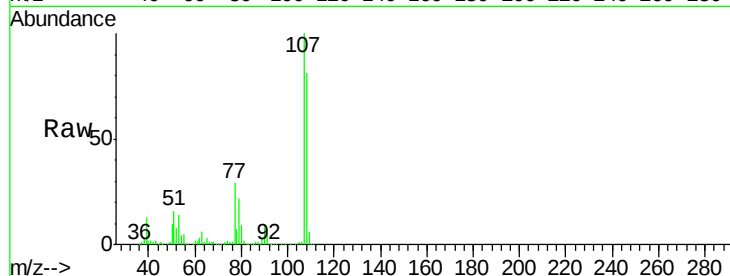
Ion Ratio Lower Upper

107 100

108 81.1 71.0 111.0

77 29.4 90.5 130.5#

79 21.5 8.4 48.4

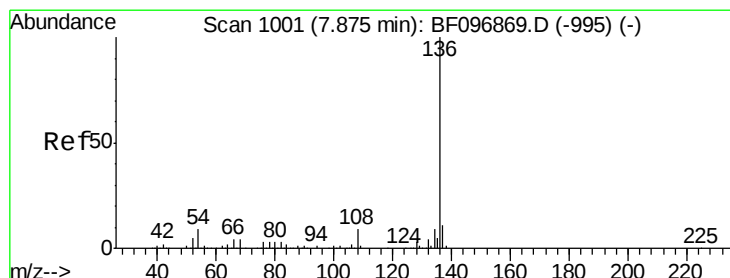
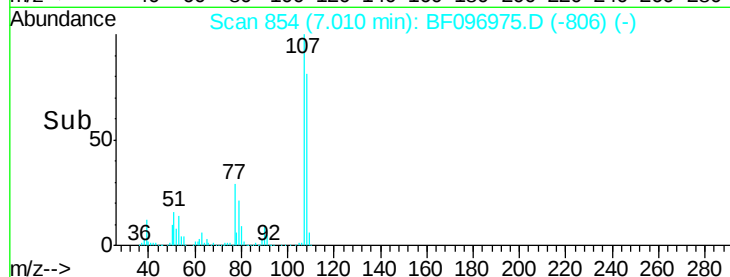
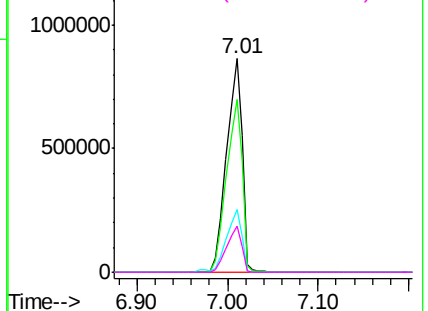


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

Tgt Ion:136 Resp: 435382

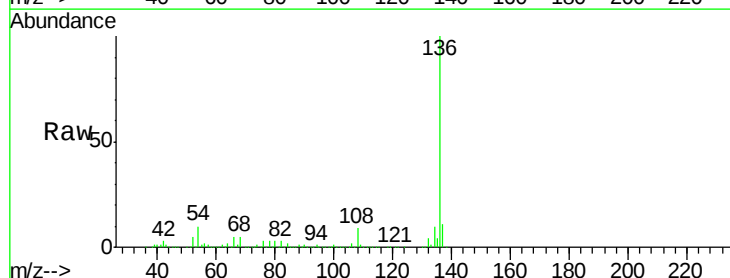
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.5 4.9 7.3#

68 5.4 4.1 6.1

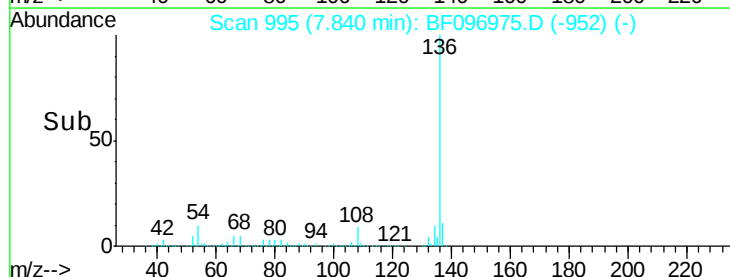
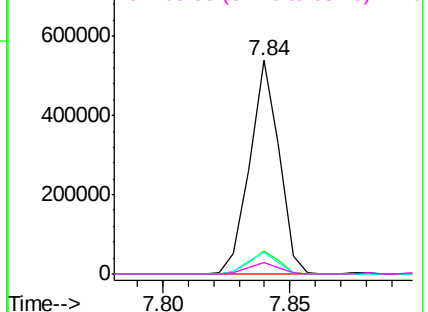


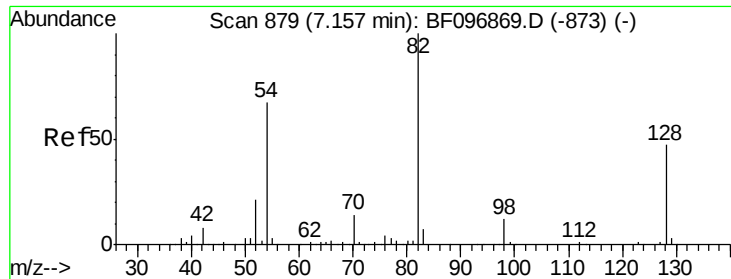
Abundance Ion 136.00 (135.70 to 136.70): E

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

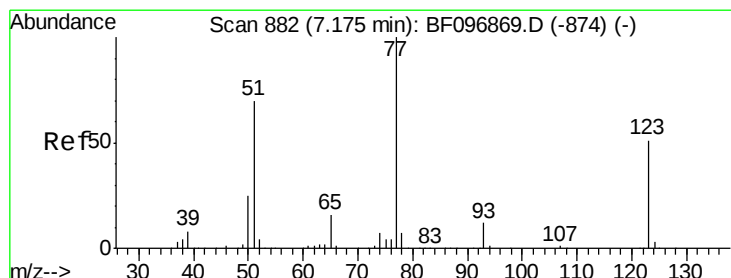
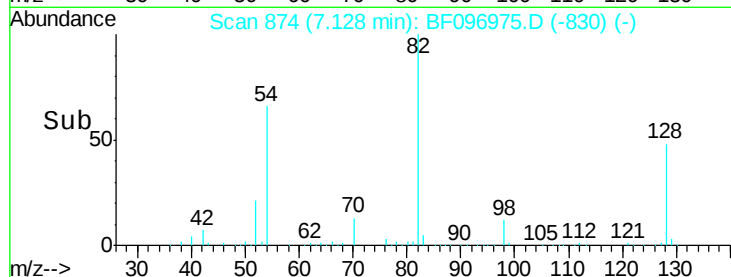
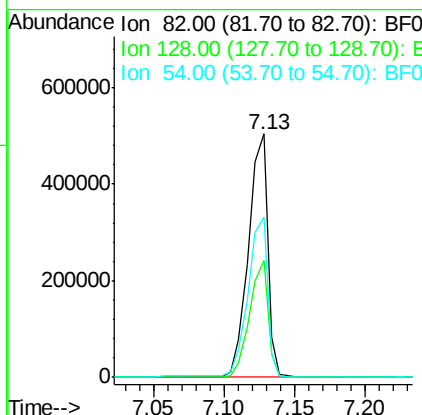
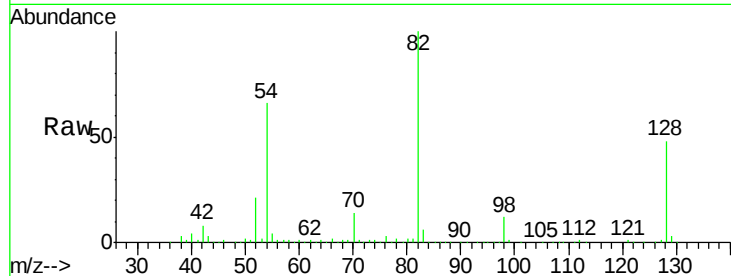




#23
Nitrobenzene-d5
Concen: 68.42 ng
RT: 7.13 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

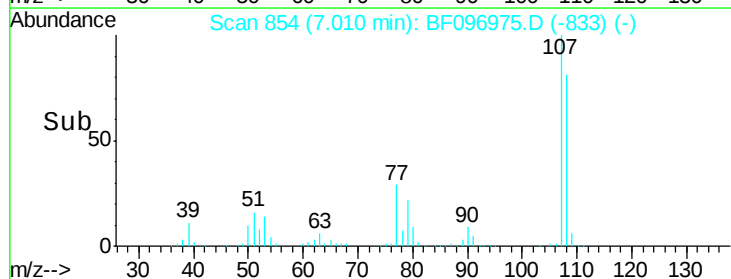
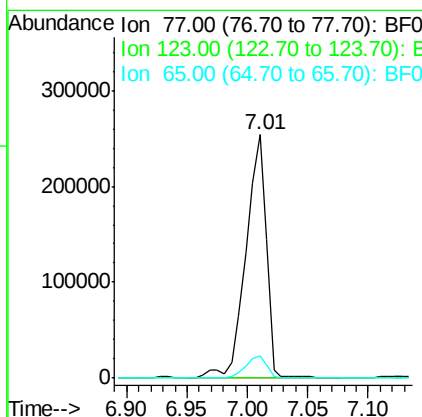
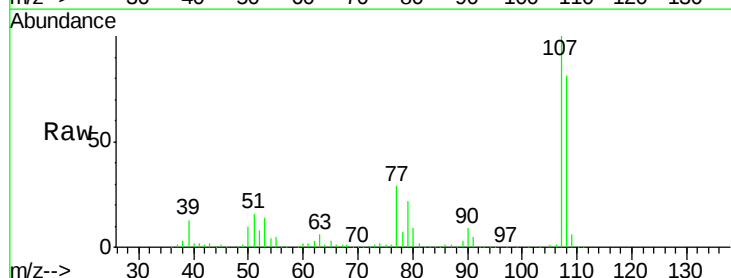
Instrument :
BNA_F
ClientSampleId :
B-COMB-1

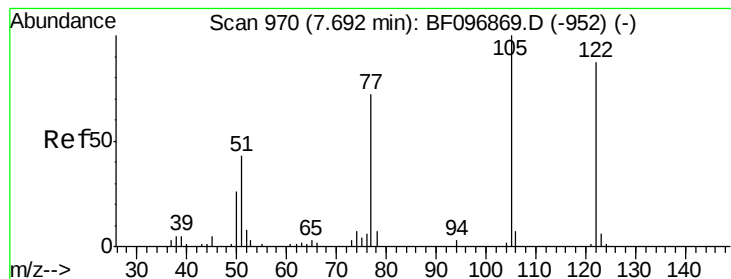
Tot Ion: 82 Resp: 480930
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 65.8 42.2 63.2#



#24
Nitrobenzene
Concen: 41.60 ng
RT: 7.01 min Scan# 854
Delta R.T. -0.18 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt Ion: 77 Resp: 302391
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 9.3 10.6 15.8#





#32

Benzoic acid

Concen: 29.37 ng

RT: 7.77 min Scan# 984

Delta R.T. 0.06 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

Instrument :

BNA_F

ClientSampleId :

B-COMB-1

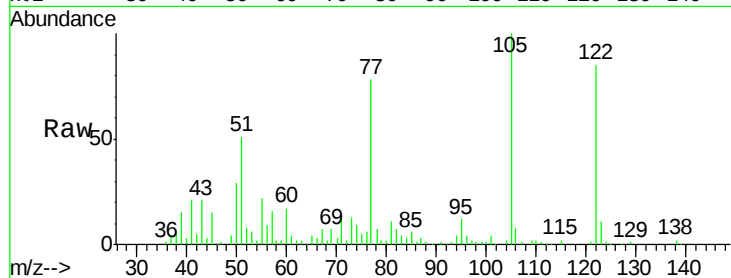
Tot Ion:122 Resp: 124841

Ion Ratio Lower Upper

122 100

105 118.3 103.3 143.3

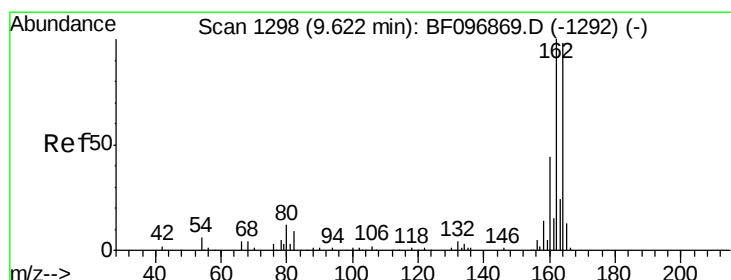
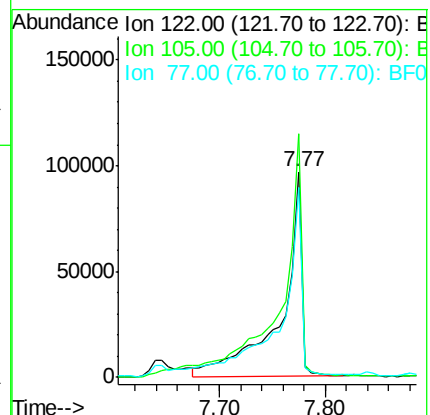
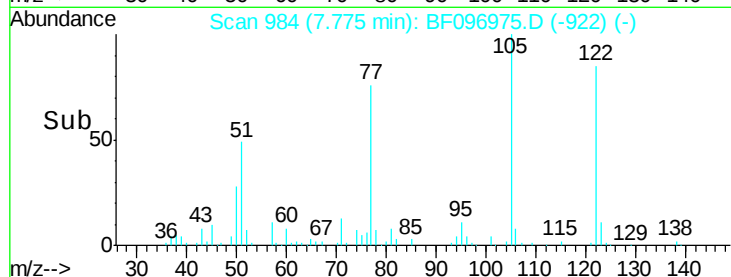
77 92.0 73.7 113.7



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: 9.59 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

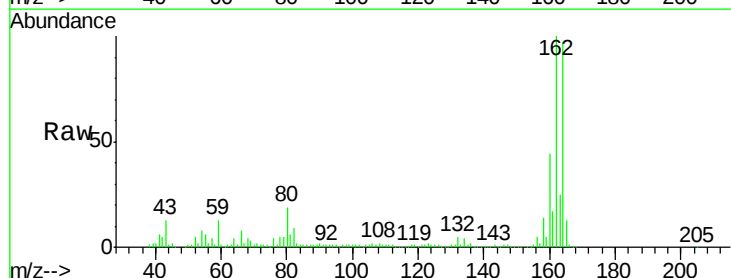
Tgt Ion:164 Resp: 157567

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

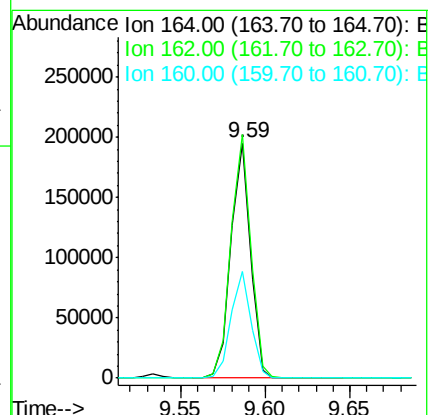
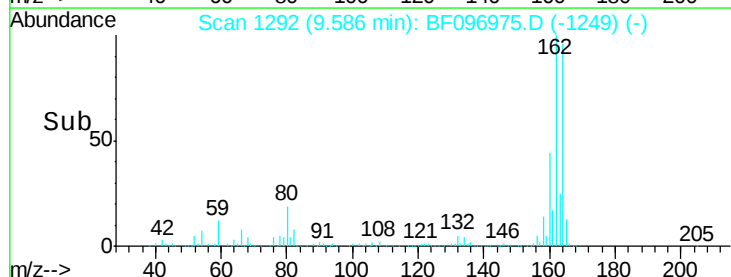
160 45.4 36.2 54.2

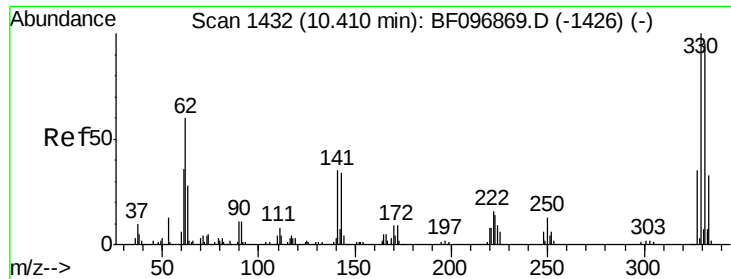


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

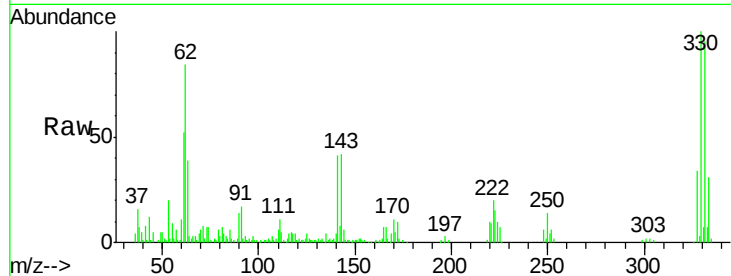




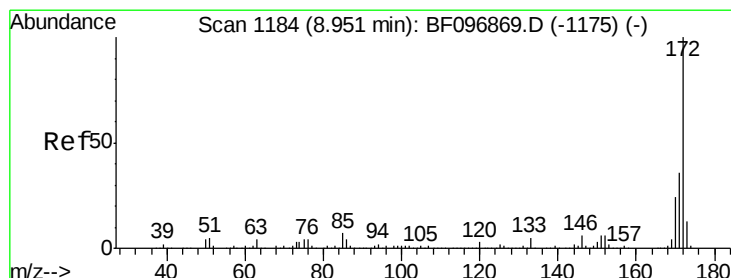
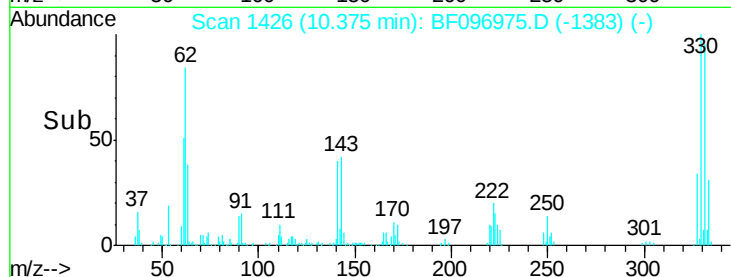
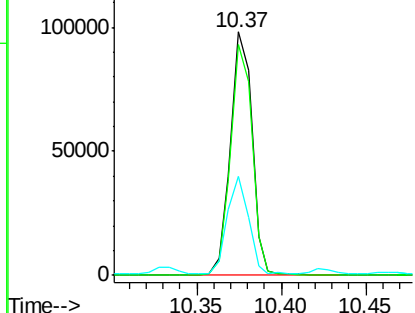
#41
 2,4,6-Tribromophenol
 Concen: 65.00 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096975.D
 Acq: 22 Jul 2017 7:24

Instrument :
 BNA_F
 ClientSampled :
 B-COMB-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.8	31.4	47.2

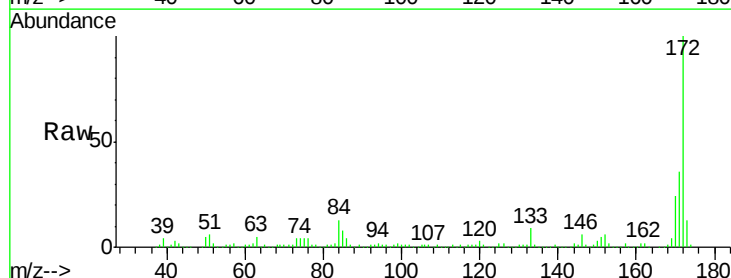


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

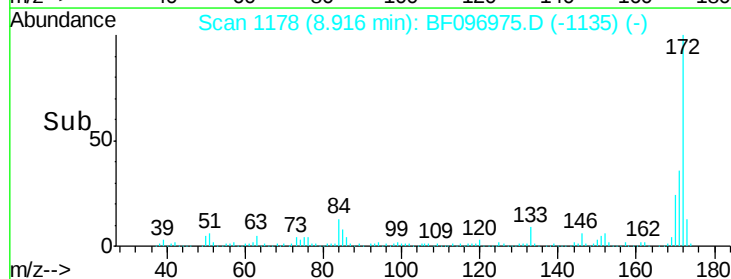
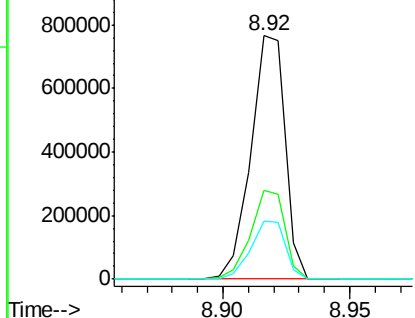


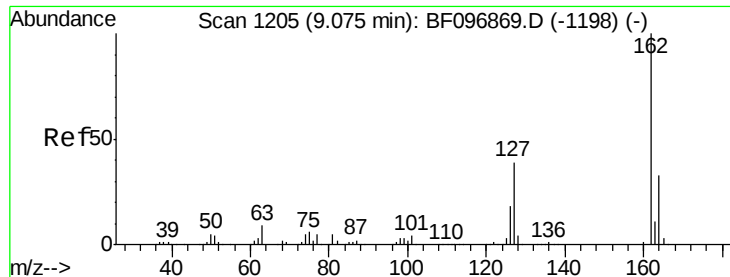
#44
 2-Fluorobiphenyl
 Concen: 72.84 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096975.D
 Acq: 22 Jul 2017 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8



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

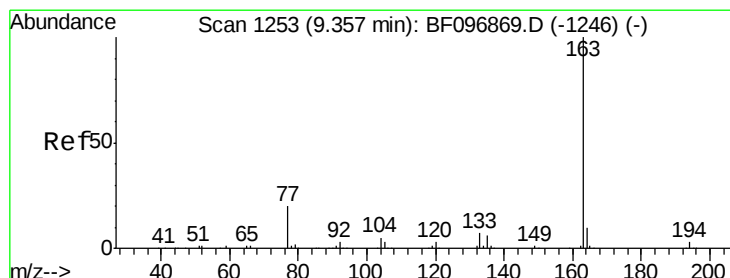
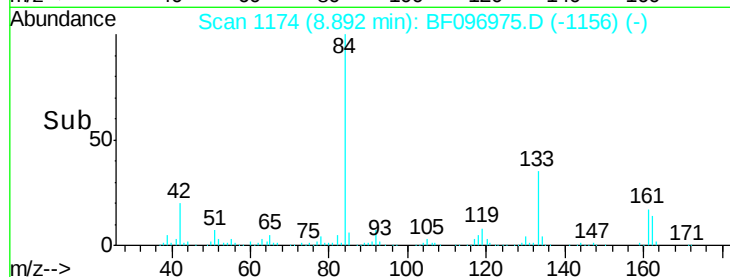
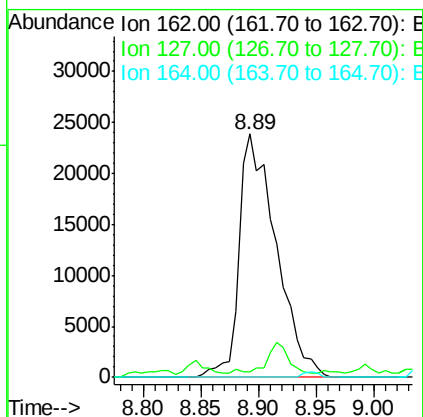
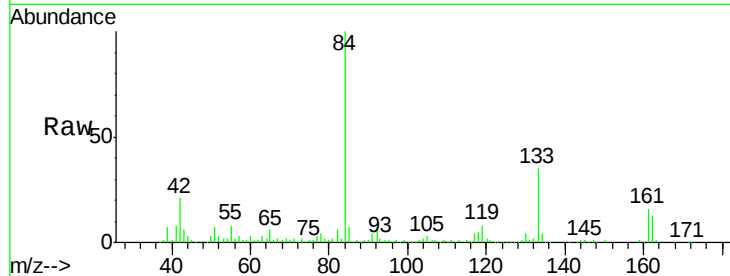




#46
2-Chloronaphthalene
Concen: 5.33 ng
RT: 8.89 min Scan# 1174
Delta R.T. -0.19 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

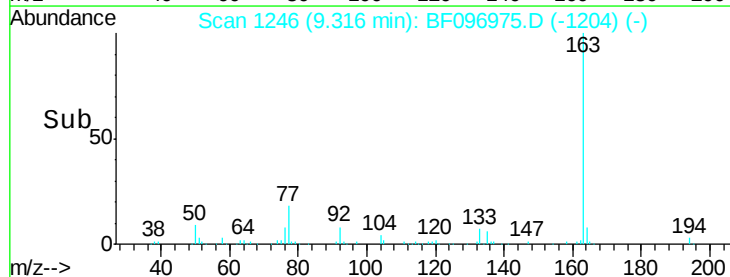
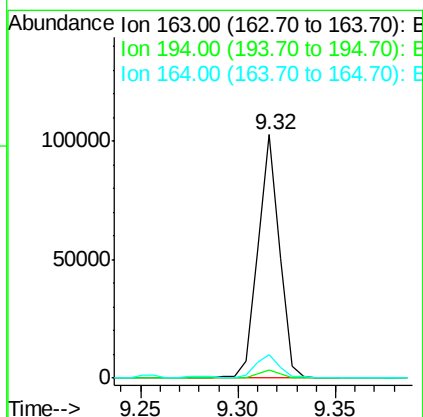
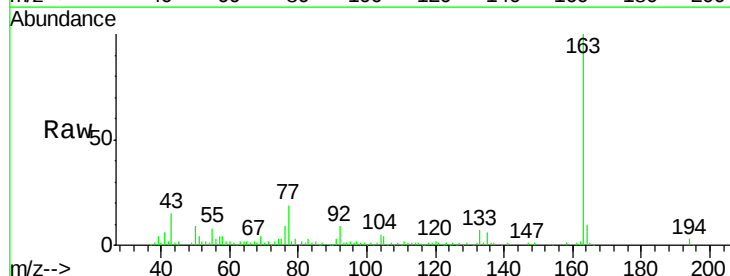
Instrument :
BNA_F
ClientSampleId :
B-COMB-1

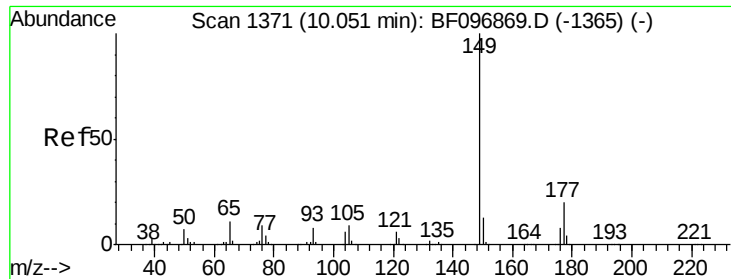
Tot Ion:162 Resp: 53035
Ion Ratio Lower Upper
162 100
127 2.5 28.3 42.5#
164 0.0 27.0 40.4#



#49
Dimethylphthalate
Concen: 6.58 ng
RT: 9.32 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt Ion:163 Resp: 78054
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 8.4 12.6

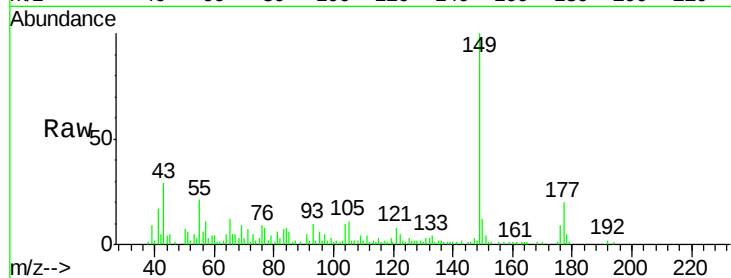




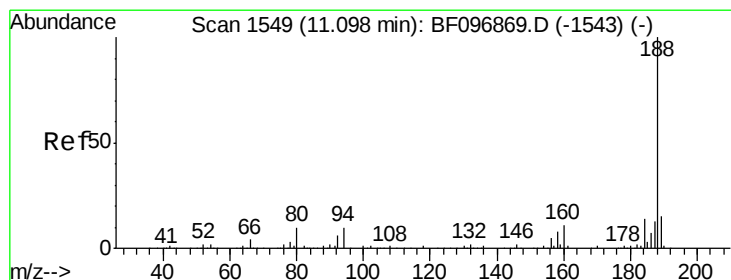
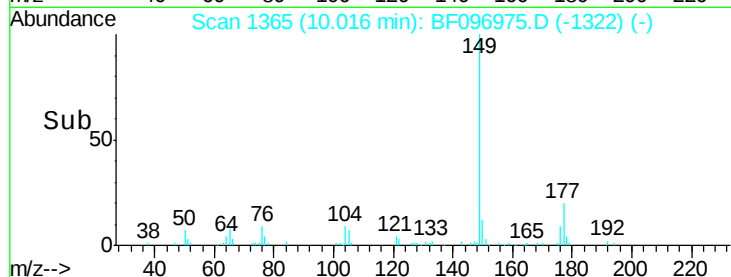
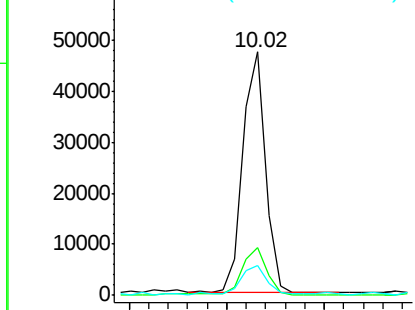
#59
Diethylphthalate
Concen: 3.31 ng
RT: 10.02 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Instrument :
BNA_F
ClientSampleId :
B-COMB-1

Tot Ion:149 Resp: 38223
Ion Ratio Lower Upper
149 100
177 19.7 16.7 25.1
150 12.3 10.2 15.2

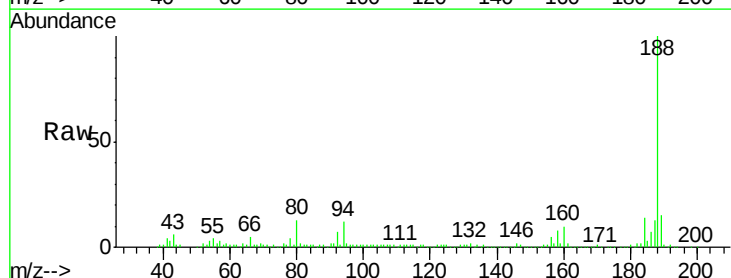


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

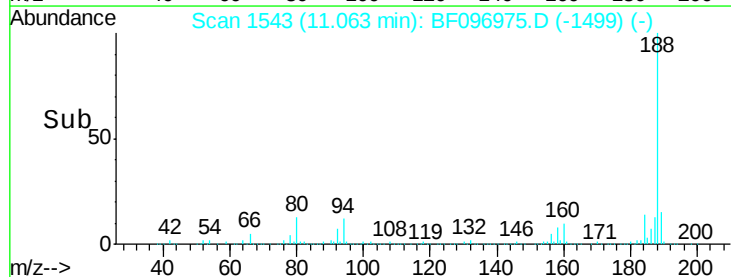
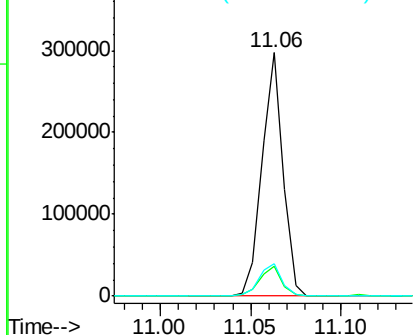


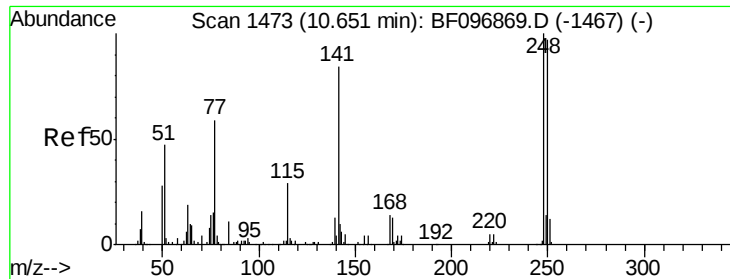
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt Ion:188 Resp: 239816
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.4 10.2 15.2



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

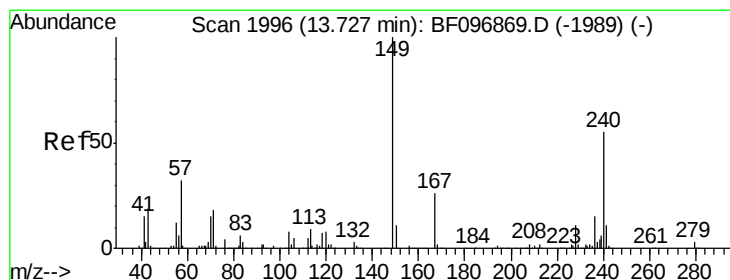
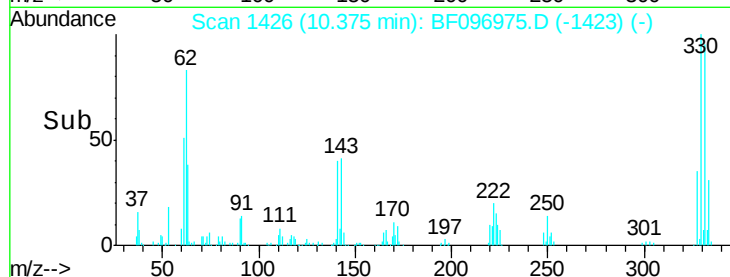
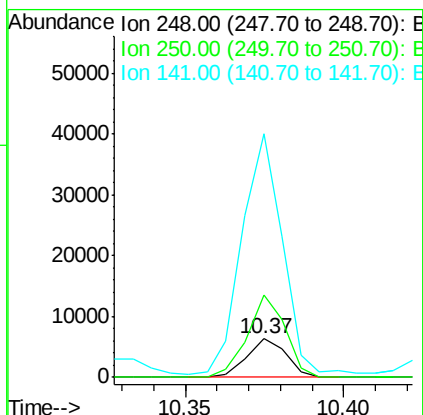
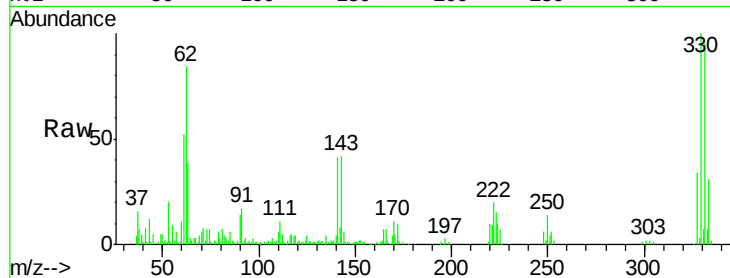




#66
4-Bromophenyl-phenylether
Concen: 2.21 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.28 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

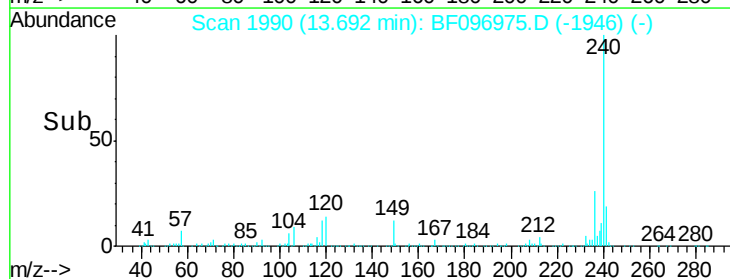
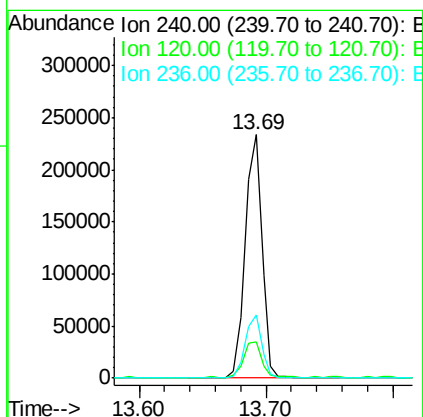
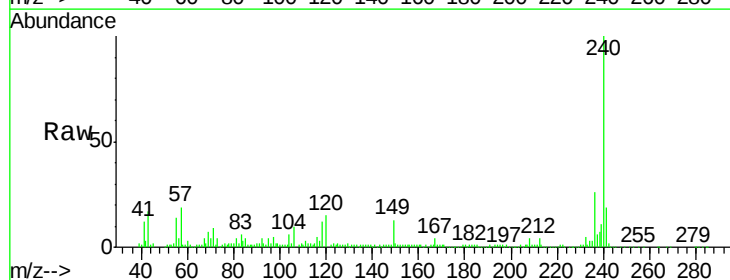
Instrument :
BNA_F
ClientSampled :
B-COMB-1

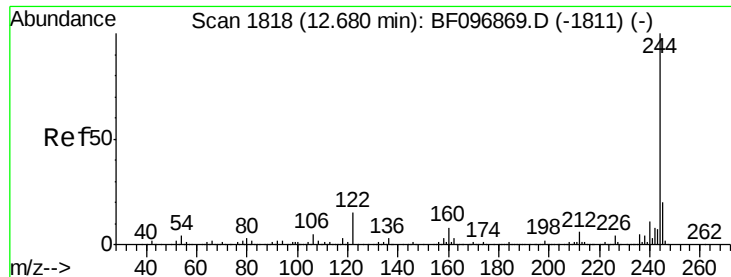
Tot Ion:248 Resp: 5421
Ion Ratio Lower Upper
248 100
250 213.9 76.8 115.2#
141 637.2 68.6 103.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.04 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt Ion:240 Resp: 214832
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 26.0 20.5 30.7

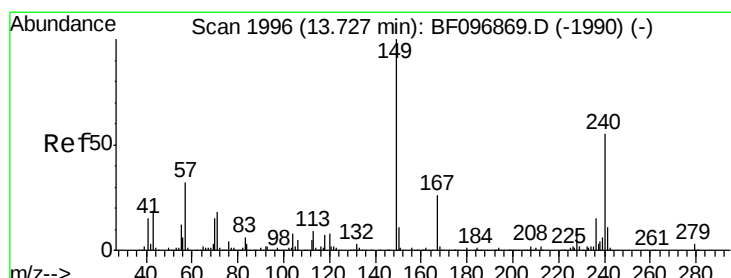
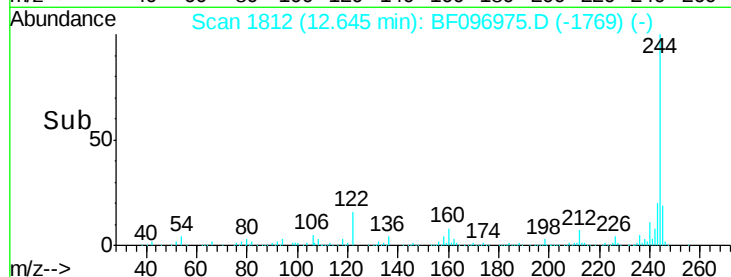
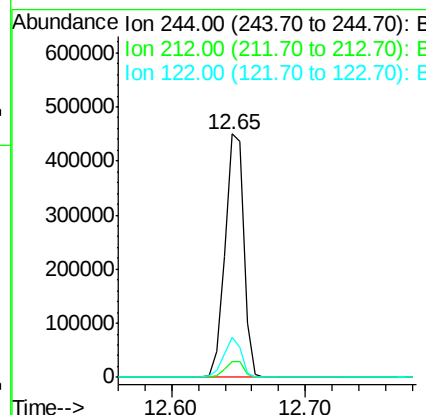
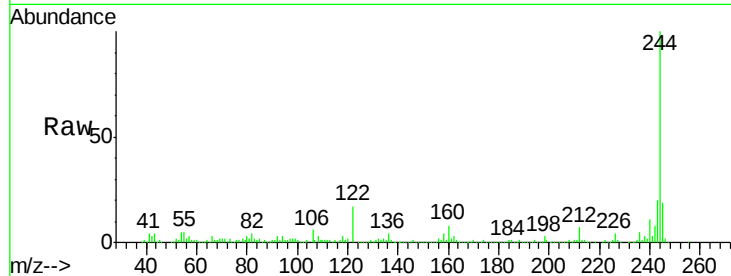




#78
 Terphenyl-d14
 Concen: 36.18 ng
 RT: 12.65 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096975.D
 Acq: 22 Jul 2017 7:24

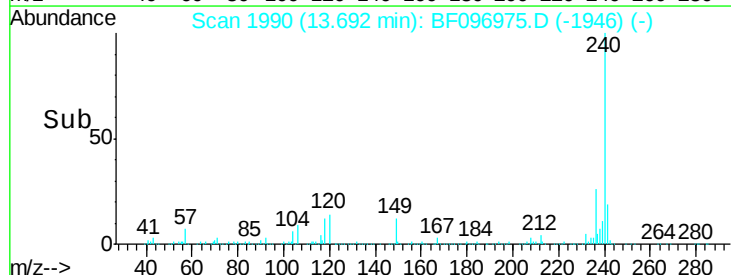
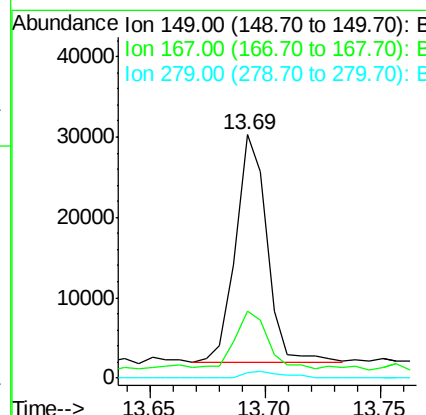
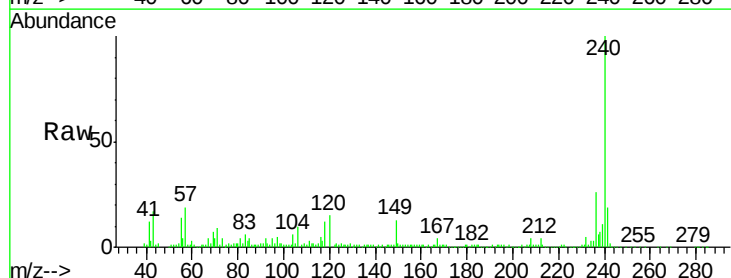
Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-1

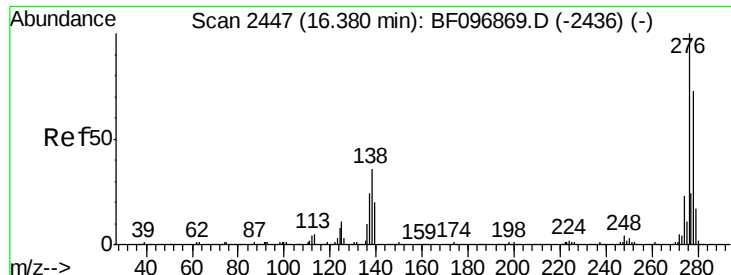
Tot Ion:244 Resp: 448176
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 16.5 10.3 15.5#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.40 ng
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.04 min
 Lab File: BF096975.D
 Acq: 22 Jul 2017 7:24

Tgt Ion:149 Resp: 27041
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.0 31.4
 279 2.5 1.9 2.9

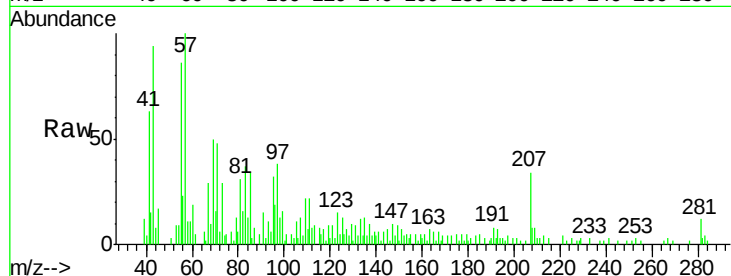




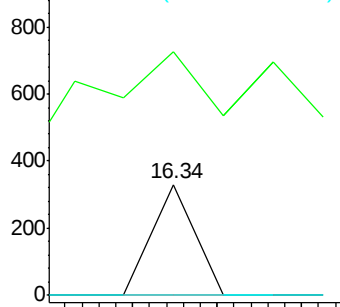
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng
RT: 16.34 min Scan# 2441
Delta R.T. -0.05 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Instrument :
BNA_F
ClientSampled :
B-COMB-1

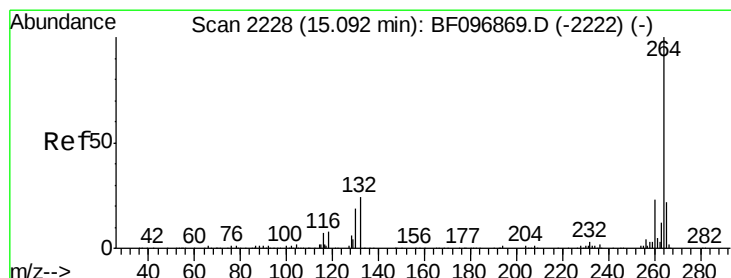
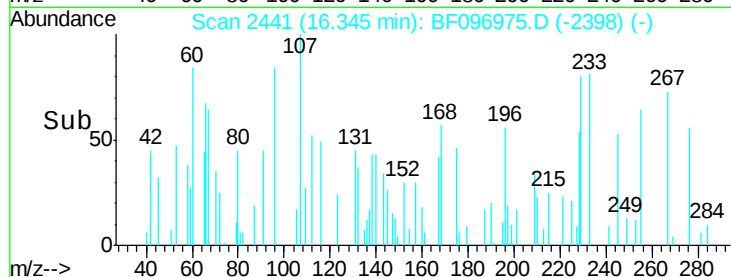
Tot Ion:276 Resp: 116
Ion Ratio Lower Upper
276 100
138 58.6 27.8 41.6#
277 0.0 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

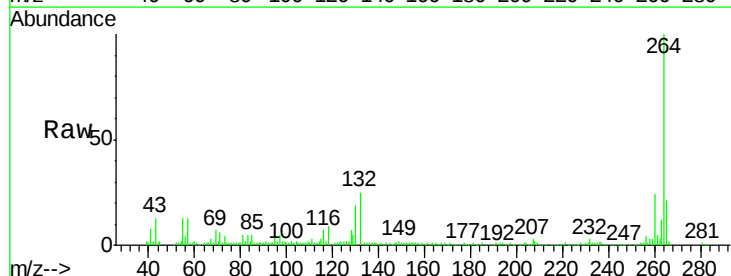


Time-->

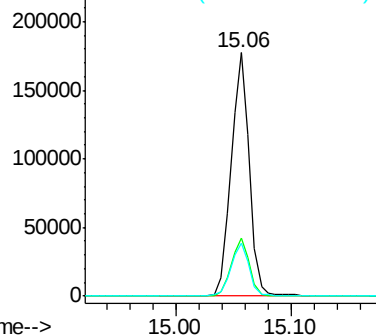


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 2222
Delta R.T. -0.05 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt Ion:264 Resp: 196690
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.5 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



Time-->

