

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 14:12:47 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

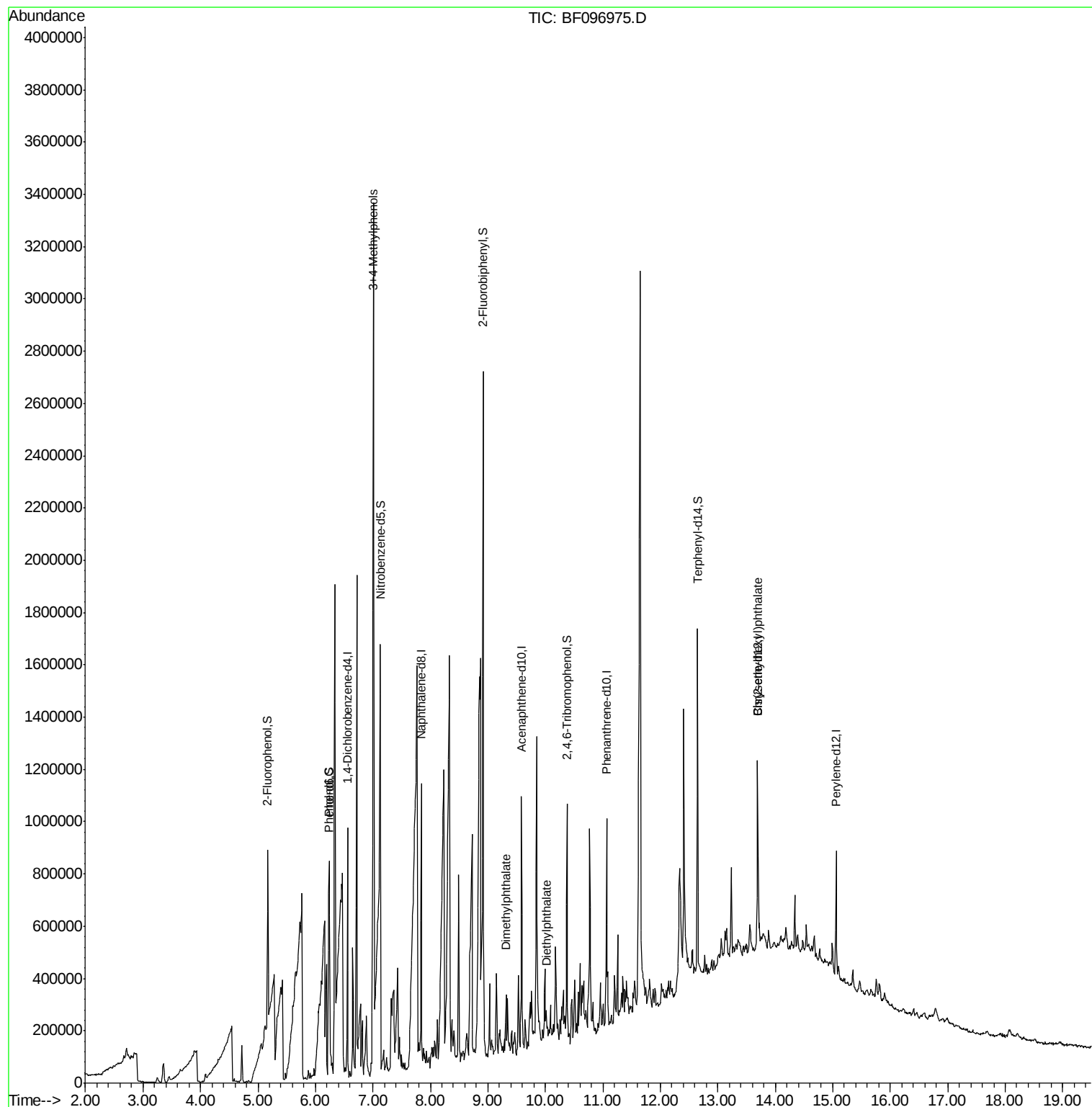
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	125884	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	435382	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	157567	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	239816	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	214832	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						
10) Phenol	6.24	94	223321	19.663	ng	93
20) 3+4-Methylphenols	7.01	107	1028863	120.717	ng	# 57
49) Dimethylphthalate	9.32	163	78054	6.579	ng	98
59) Diethylphthalate	10.02	149	38223	3.309	ng	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	27041	2.397	ng	98

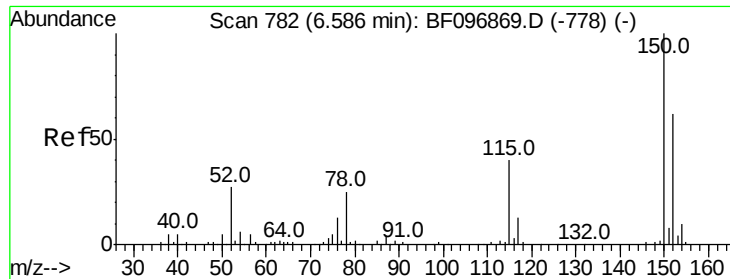
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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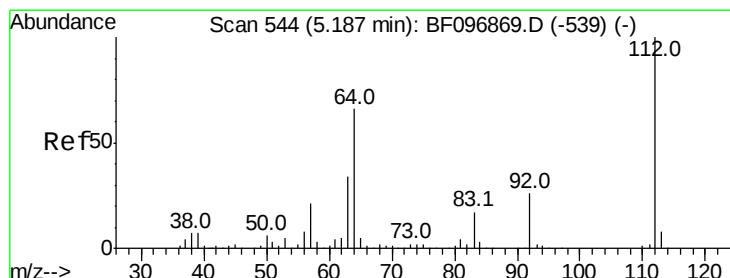
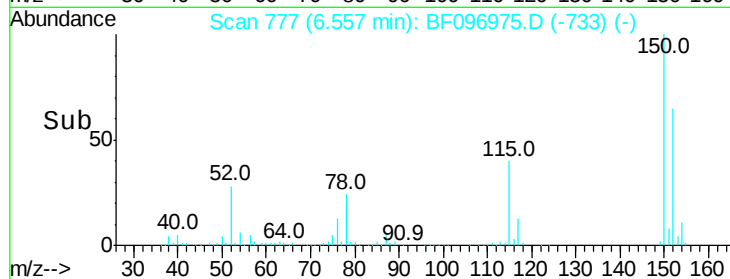
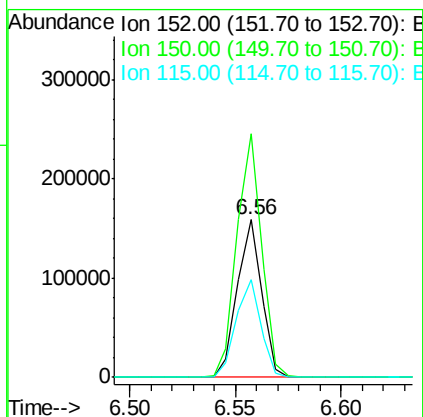
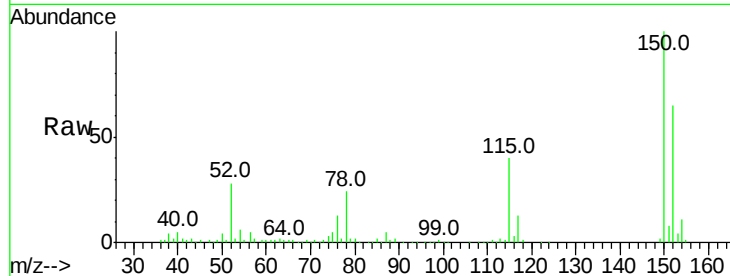


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 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

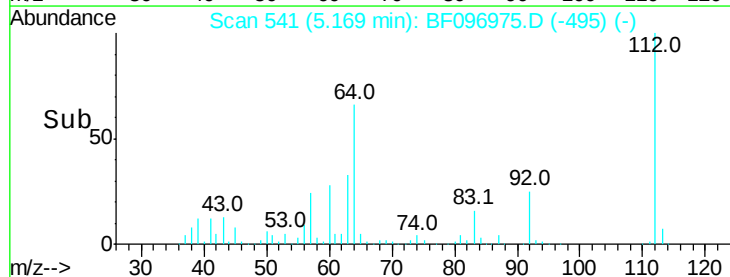
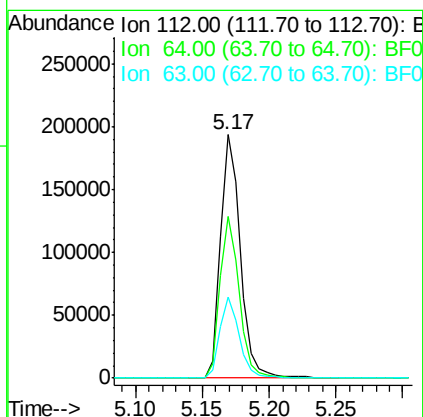
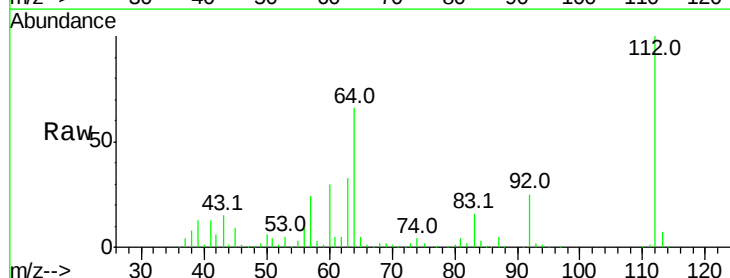
Tot Ion:152 Resp: 125884
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.7 52.2 78.2

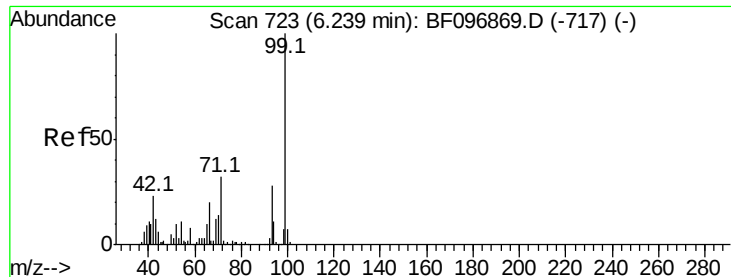


#5

2-Fluorophenol
Concen: 24.489 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: 22.610 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

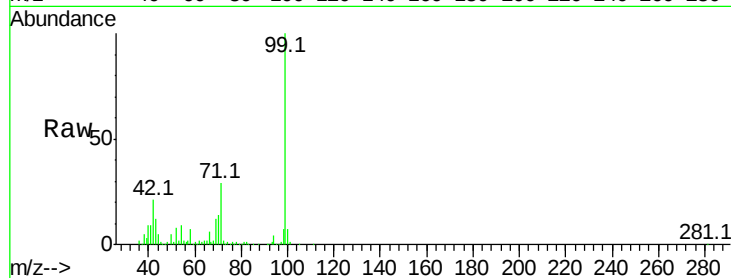
Tot Ion: 99 Resp: 227159

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

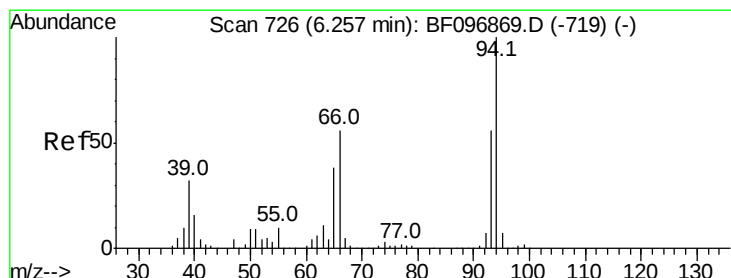
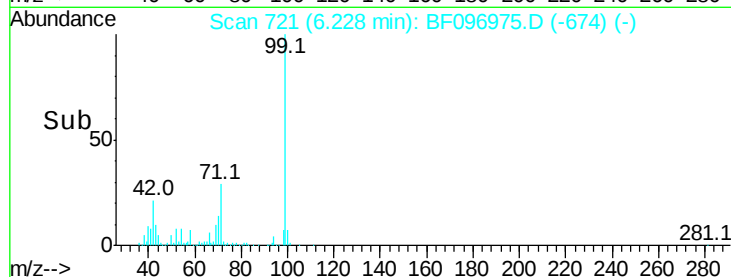
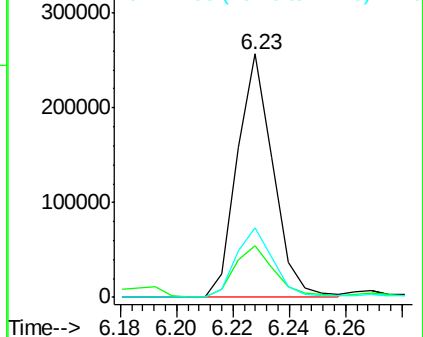
71 28.6 24.5 36.7



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: 19.663 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

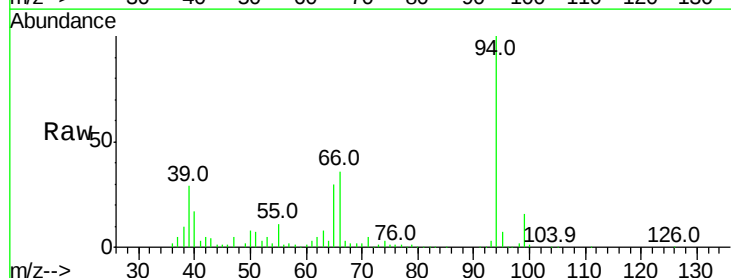
Tgt Ion: 94 Resp: 223321

Ion Ratio Lower Upper

94 100

65 30.2 9.9 49.9

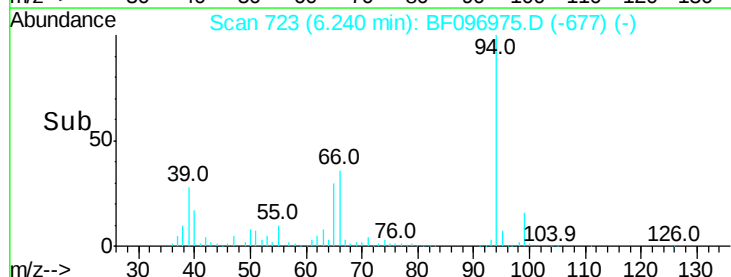
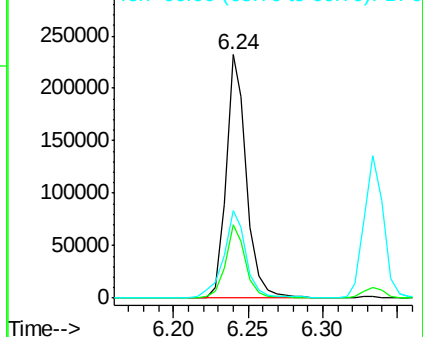
66 35.7 23.1 63.1

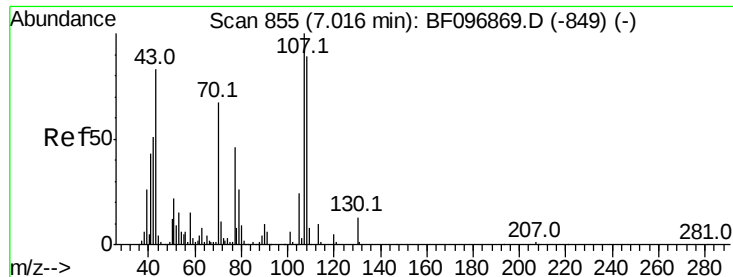


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 120.717 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

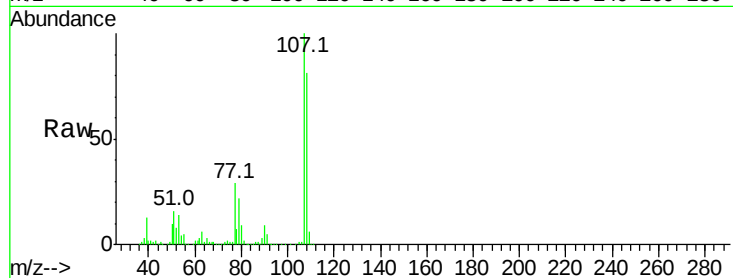
Ion Ratio Lower Upper

107 100

108 81.1 71.0 111.0

77 29.4 90.5 130.5#

79 21.5 8.4 48.4

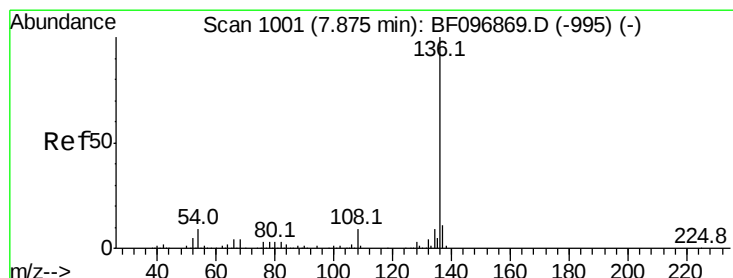
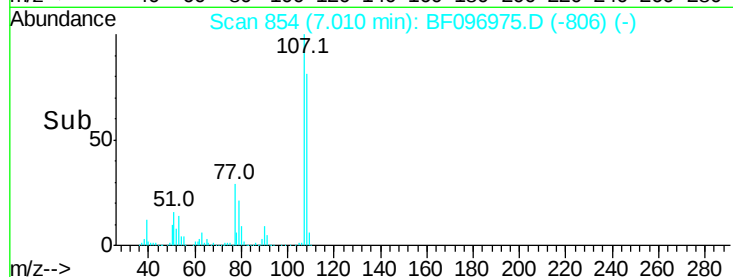
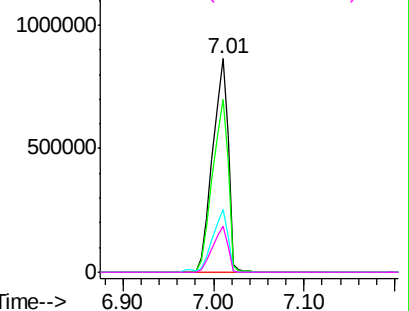


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.000 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

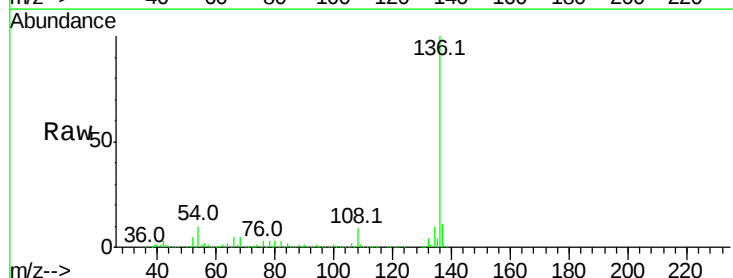
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.5 4.9 7.3#

68 5.4 4.1 6.1

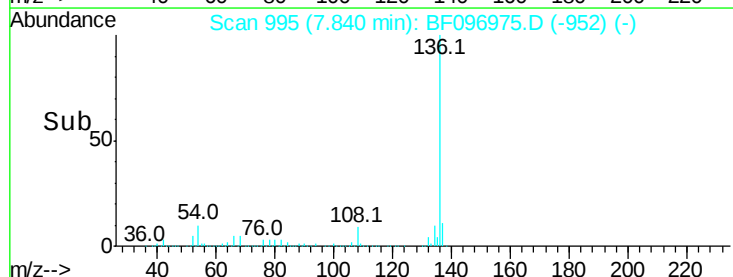
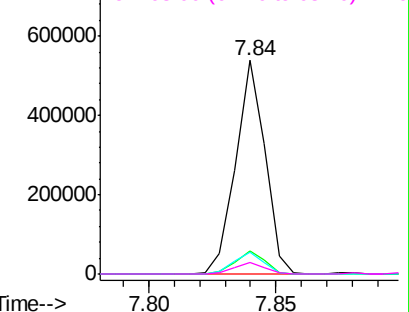


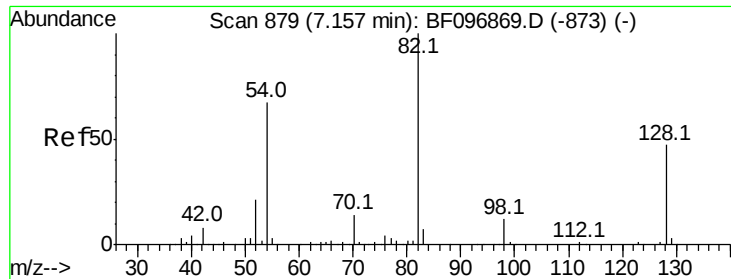
Abundance Ion 136.00 (135.70 to 136.70): E

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

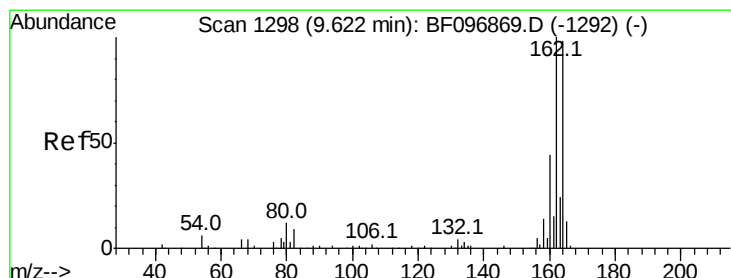
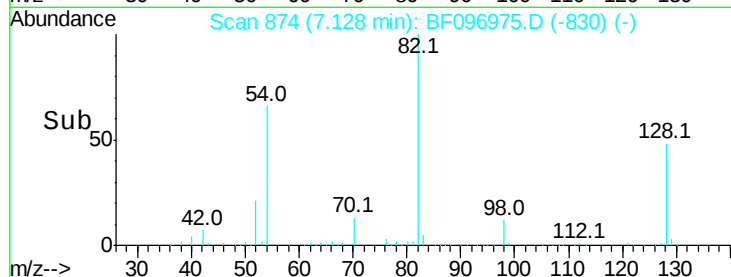
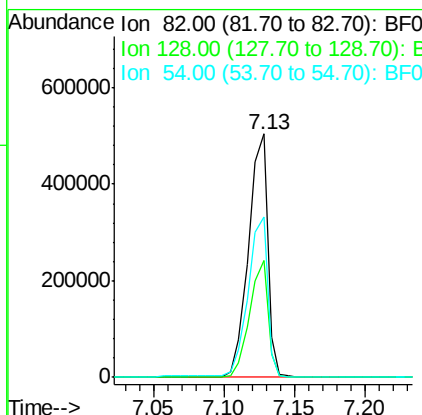
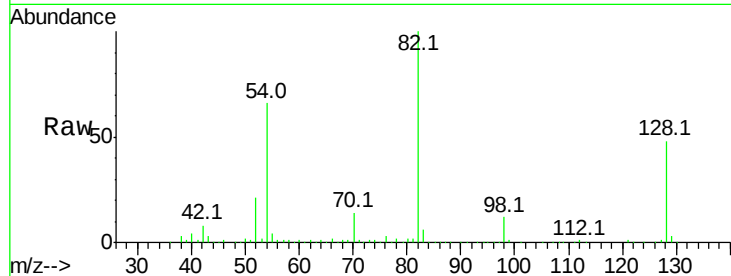




#23
 Nitrobenzene-d5
 Concen: 68.421 ng
 RT: 7.13 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096975.D
 Acq: 22 Jul 2017 7:24

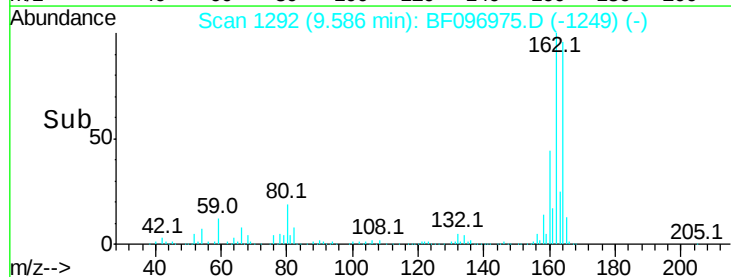
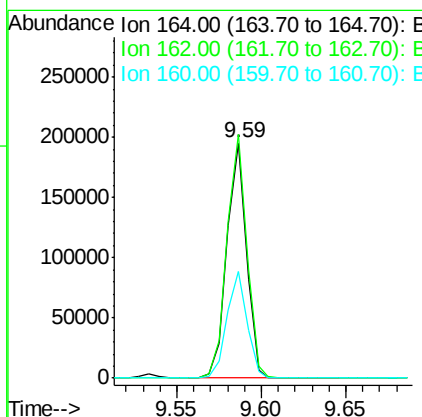
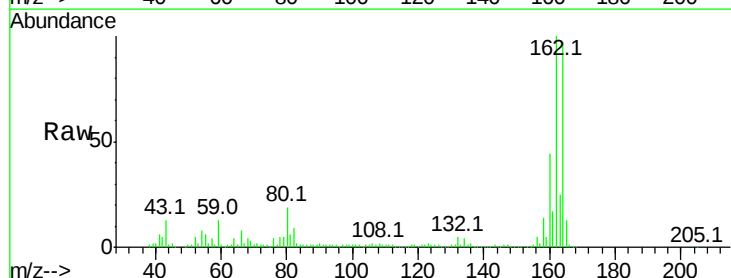
Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-1

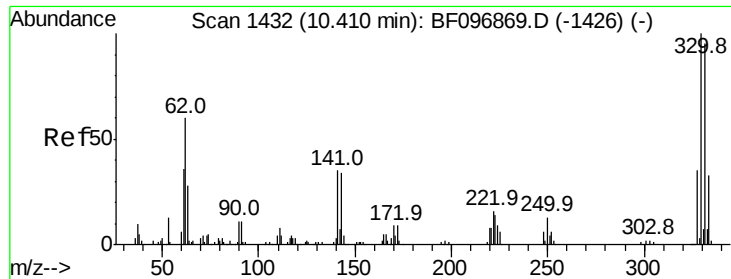
Tot Ion: 82 Resp: 480930
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 65.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 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

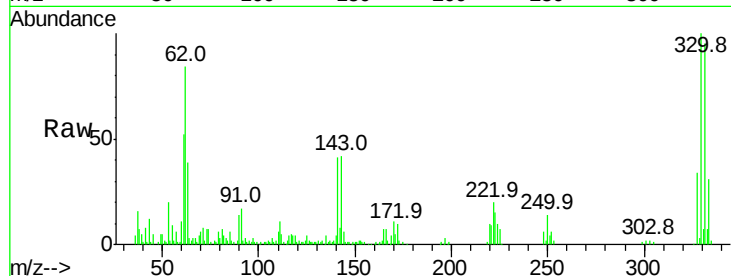




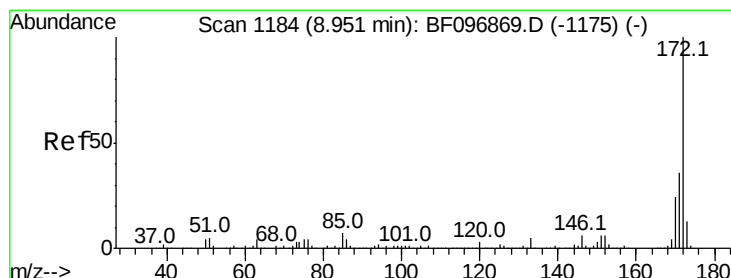
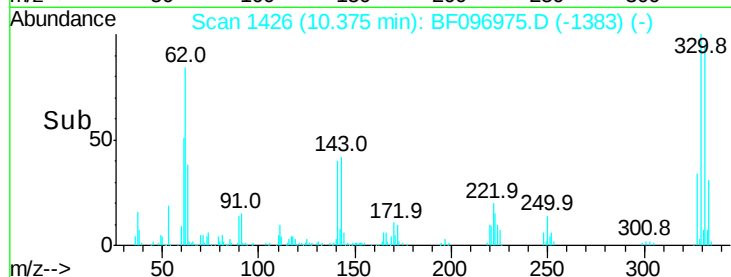
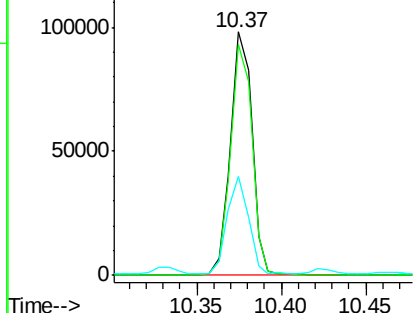
#41
 2,4,6-Tribromophenol
 Concen: 64.996 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096975.D
 Acq: 22 Jul 2017 7:24

Instrument :
 BNA_F
 ClientSampled :
 B-COMB-1

Tot Ion:330 Resp: 87418
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.8 31.4 47.2

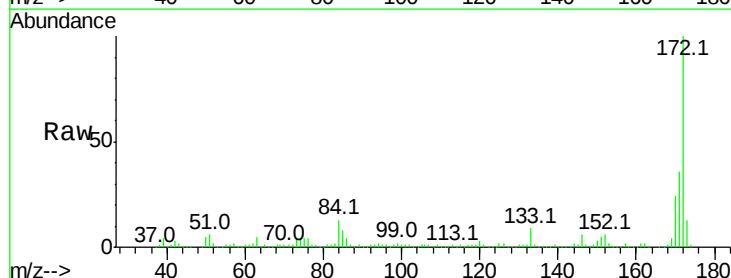


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

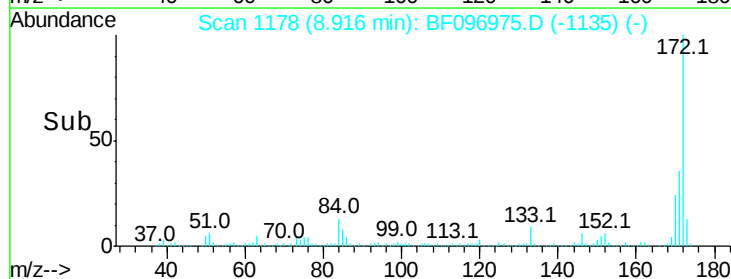
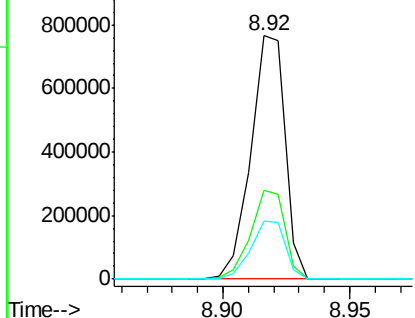


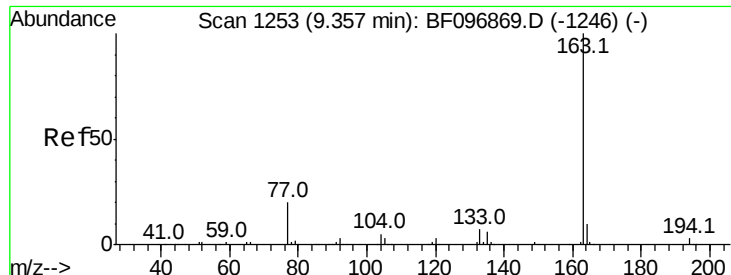
#44
 2-Fluorobiphenyl
 Concen: 72.840 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096975.D
 Acq: 22 Jul 2017 7:24

Tgt Ion:172 Resp: 726435
 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

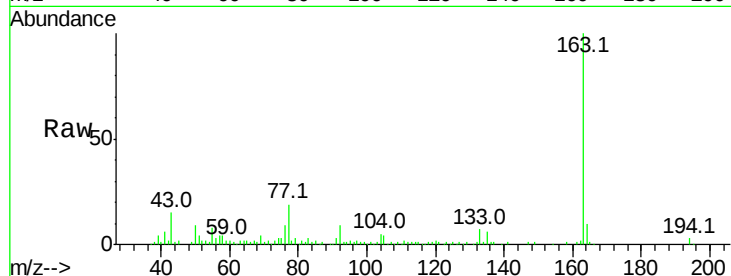




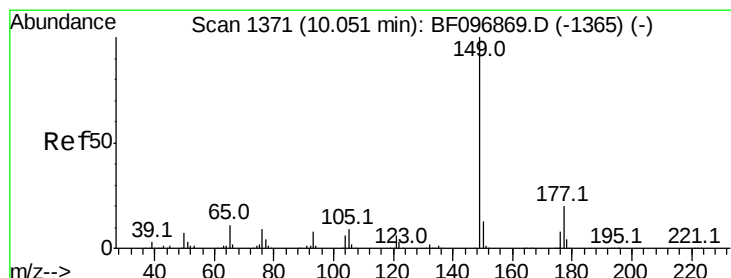
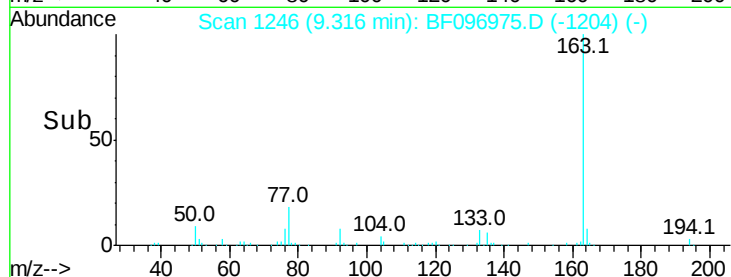
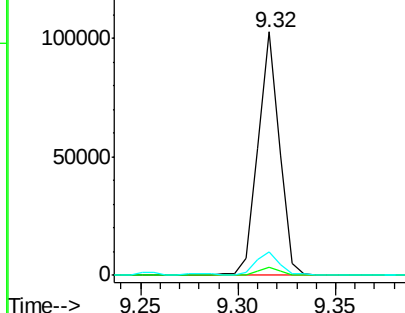
#49
Dimethylphthalate
Concen: 6.579 ng
RT: 9.32 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Instrument :
BNA_F
ClientSampleId :
B-COMB-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.4	12.6

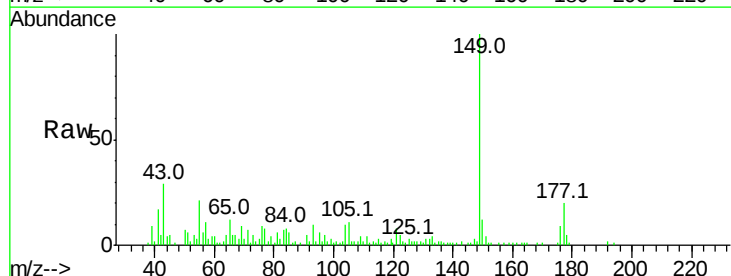


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

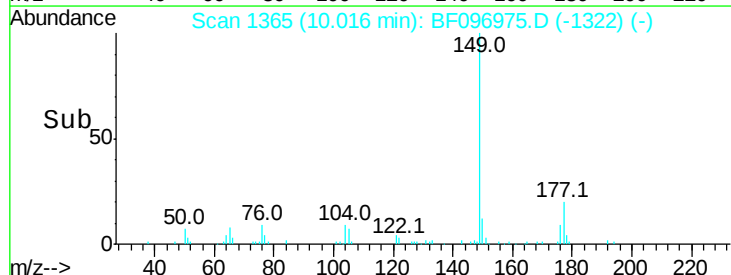
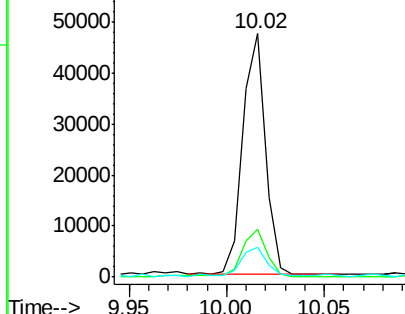


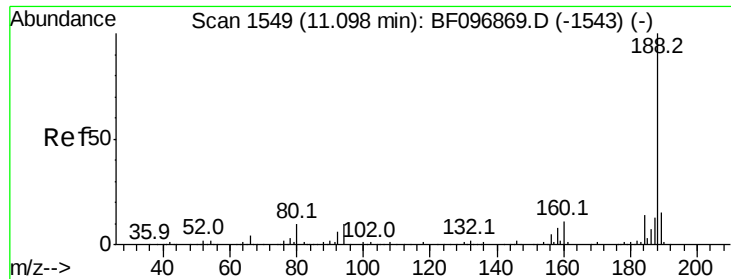
#59
Diethylphthalate
Concen: 3.309 ng
RT: 10.02 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

Tgt 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

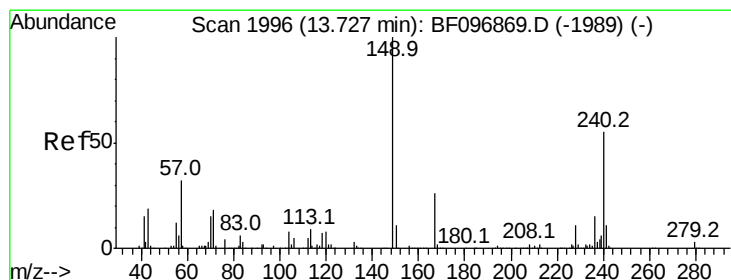
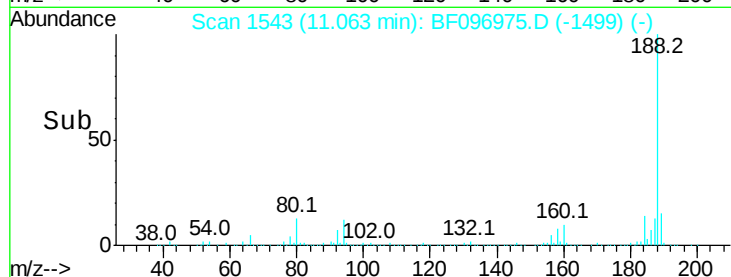
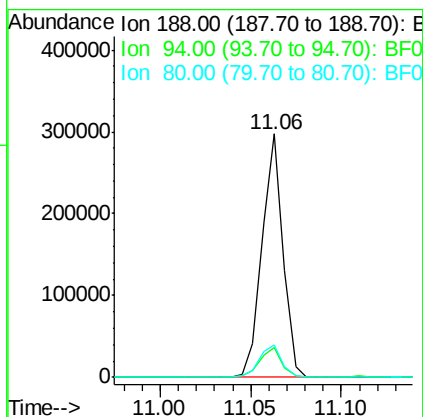
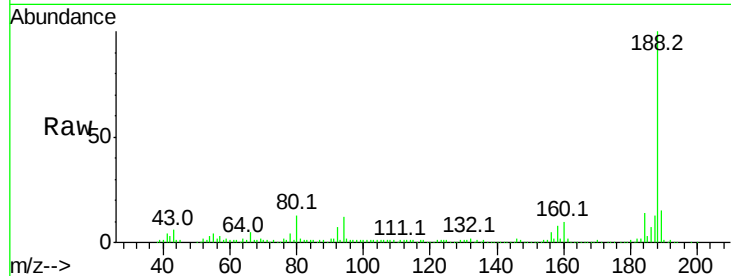




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096975.D
Acq: 22 Jul 2017 7:24

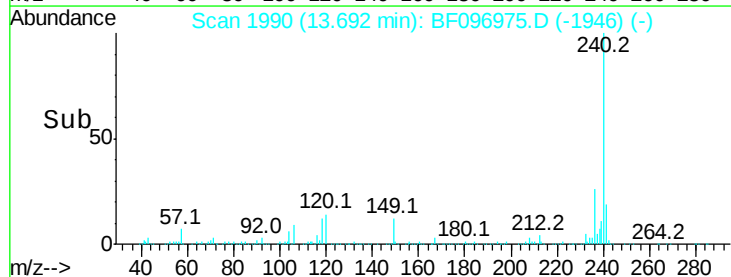
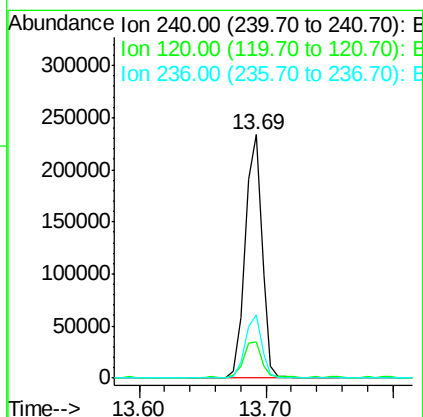
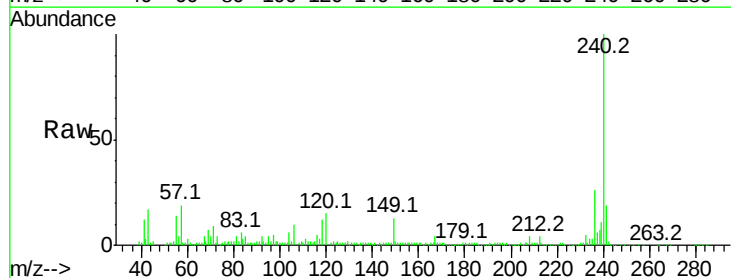
Instrument :
BNA_F
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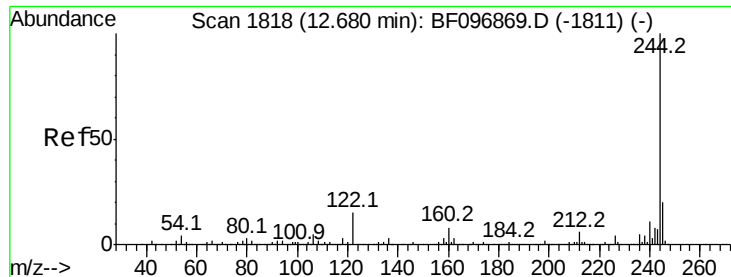
Tot Ion:188 Resp: 239816
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 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: 36.180 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

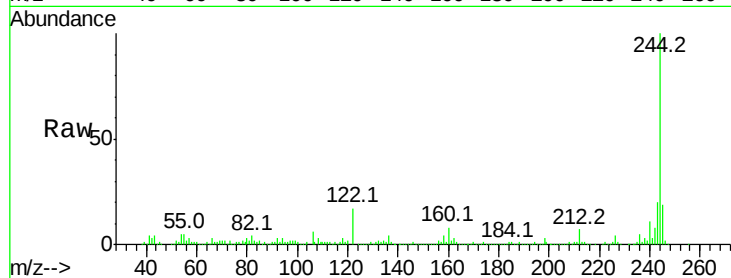
Tot Ion:244 Resp: 448176

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

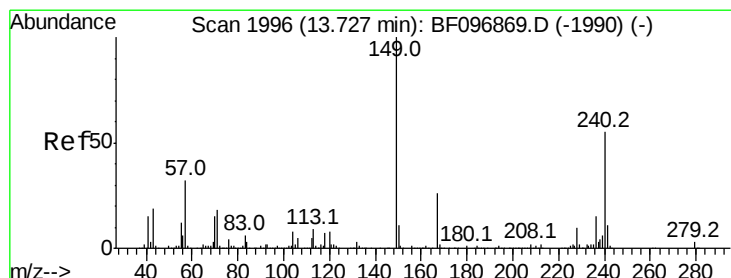
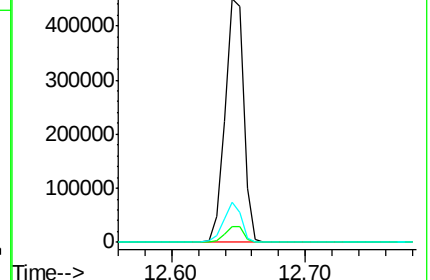
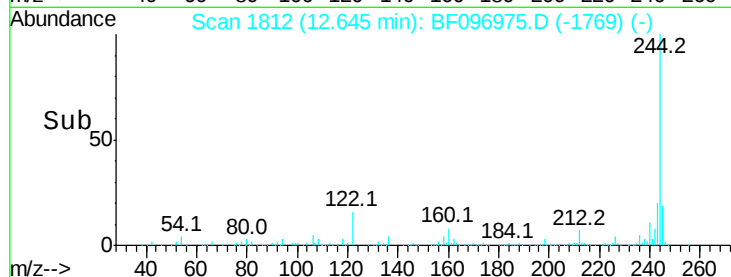
122 16.5 10.3 15.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.397 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096975.D

Acq: 22 Jul 2017 7:24

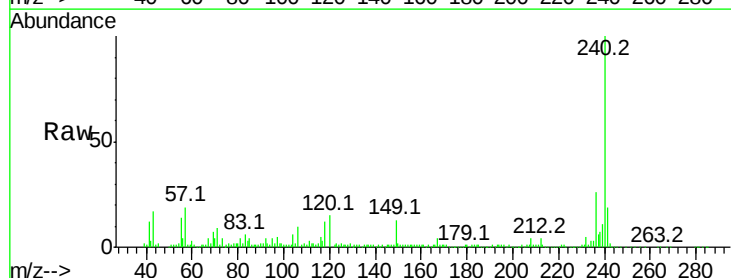
Tgt Ion:149 Resp: 27041

Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

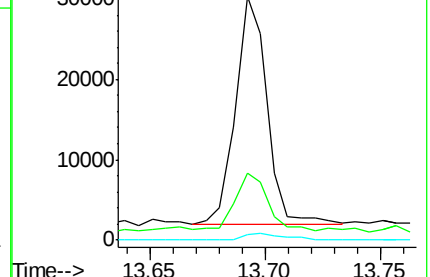
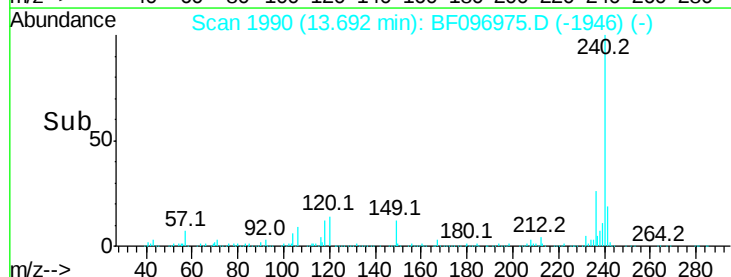
279 2.5 1.9 2.9

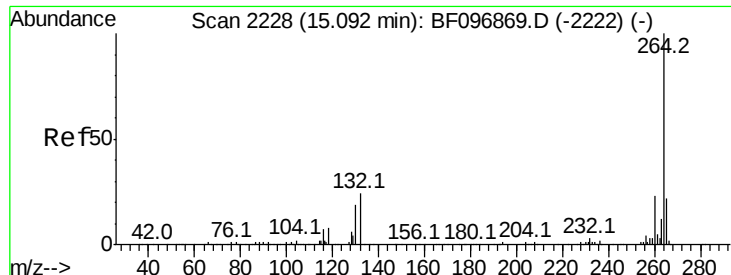


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.06 min Scan# 2222
 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	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8

