

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096976.D
 Acq On : 22 Jul 2017 7:52
 Operator : SJ/JU
 Sample : I4363-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3

Quant Time: Jul 24 04:13:53 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

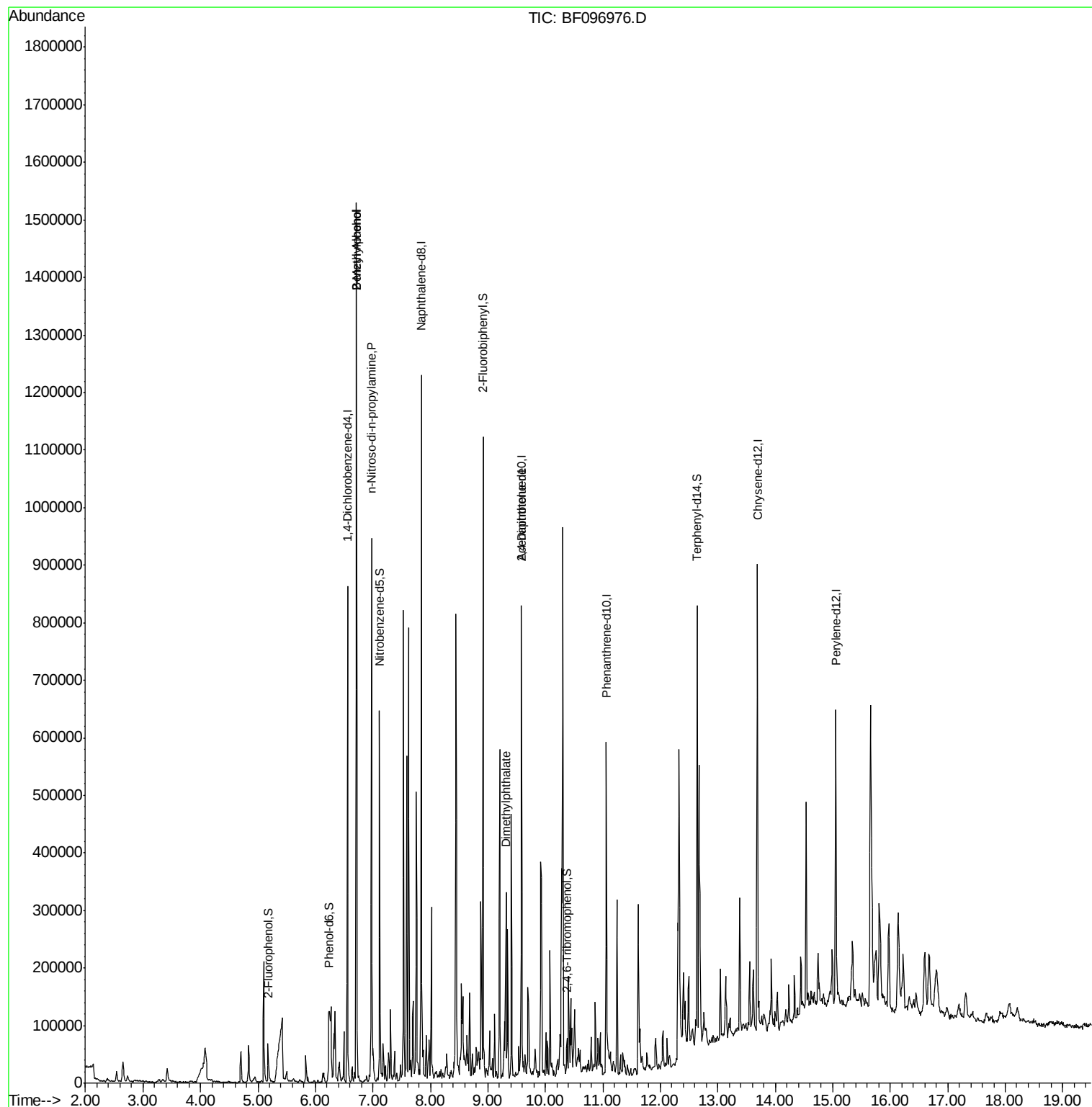
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	111512	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	428897	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	151945	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	182755	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	244462	20.00	ng	-0.05
86) Perylene-d12	15.05	264	198704	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	22504	3.03	ng	-0.02
7) Phenol-d6	6.23	99	19547	2.20	ng	-0.02
23) Nitrobenzene-d5	7.12	82	176598	25.50	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	4487	3.46	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	318025	33.07	ng	-0.05
78) Terphenyl-d14	12.64	244	218361	15.49	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.71	79	55926	9.60	ng	# 76
17) 2-Methylphenol	6.71	107	28546	4.59	ng	# 1
19) n-Nitroso-di-n-propylamine	6.98	70	18820	3.51	ng	# 76
49) Dimethylphthalate	9.32	163	84610	7.40	ng	97
56) 2,4-Dinitrotoluene	9.59	165	18545	5.82	ng	# 32

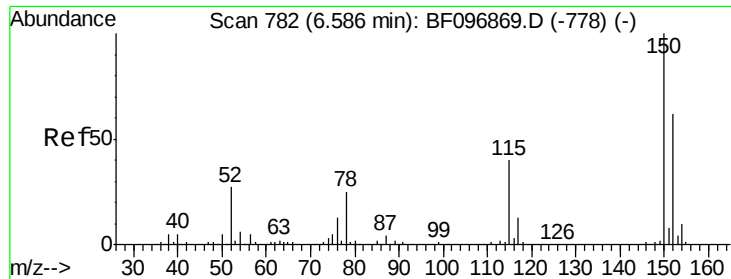
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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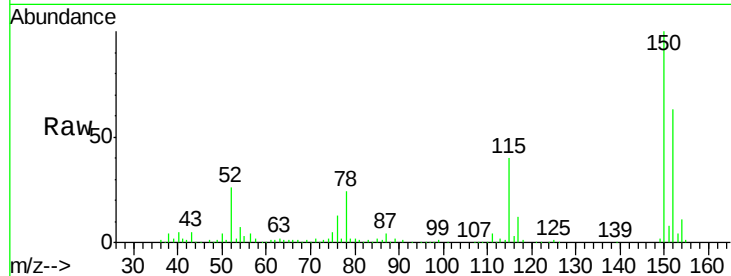


#1

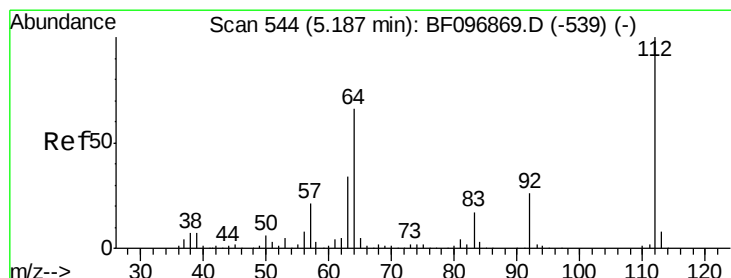
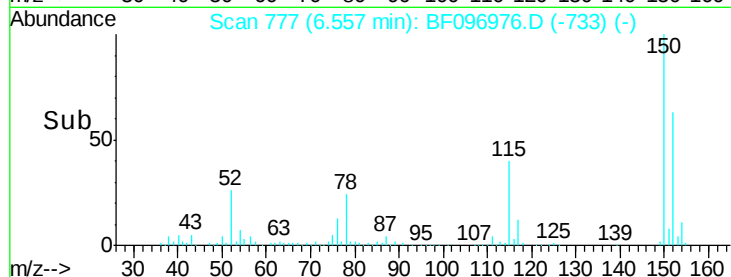
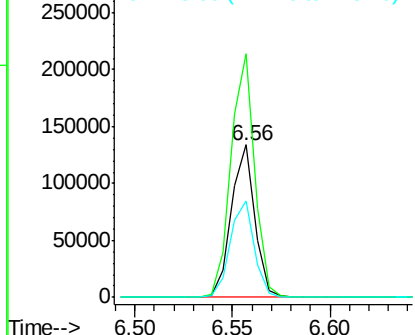
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

Instrument :
BNA_F
ClientSampled :
B-COMB-3

Tot Ion:152 Resp: 111512
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 63.3 52.2 78.2



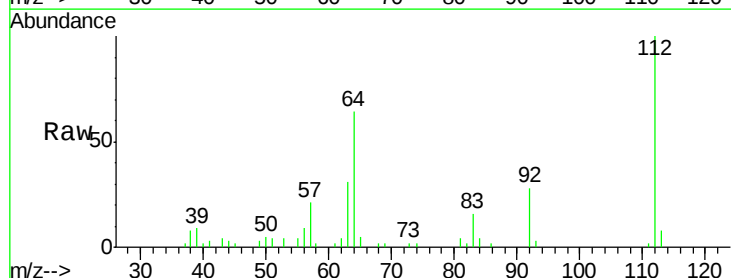
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



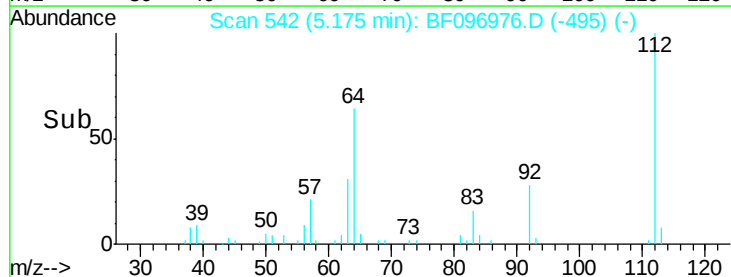
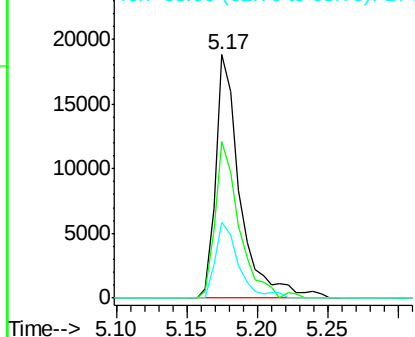
#5

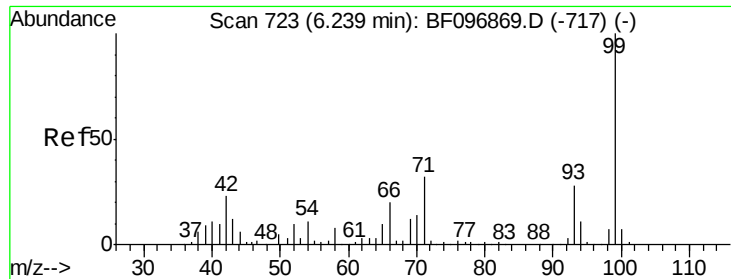
2-Fluorophenol
Concen: 3.03 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

Tgt Ion:112 Resp: 22504
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 31.4 23.4 35.0



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: 2.20 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Instrument :

BNA_F

ClientSampled :

B-COMB-3

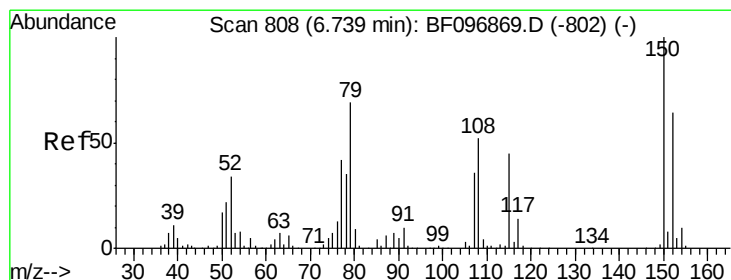
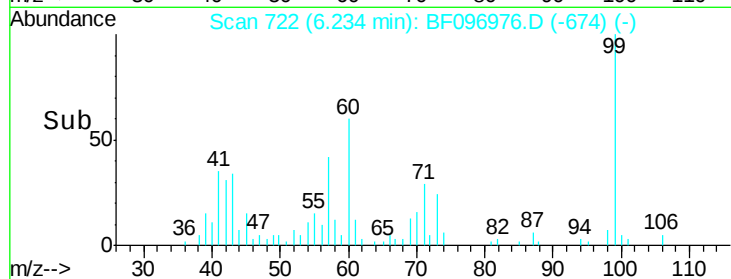
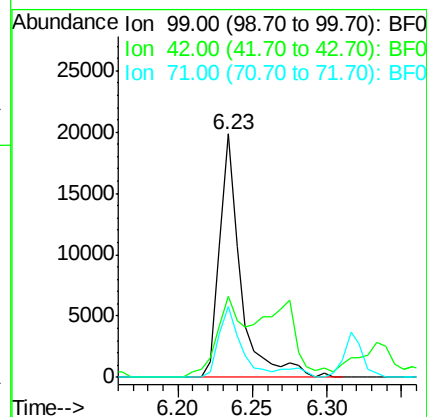
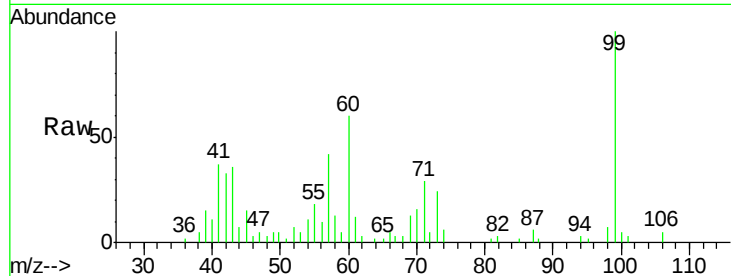
Tot Ion: 99 Resp: 19547

Ion Ratio Lower Upper

99 100

42 33.4 13.5 20.3#

71 29.3 24.5 36.7



#15

Benzyl Alcohol

Concen: 9.60 ng

RT: 6.71 min Scan# 803

Delta R.T. -0.04 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

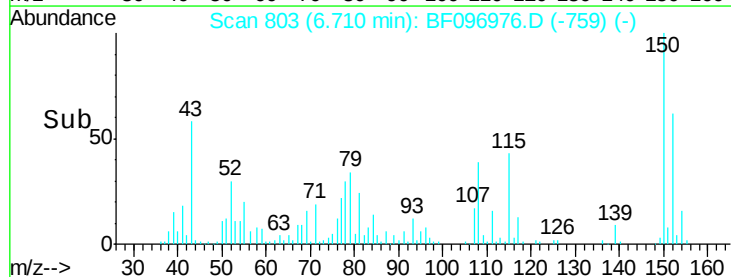
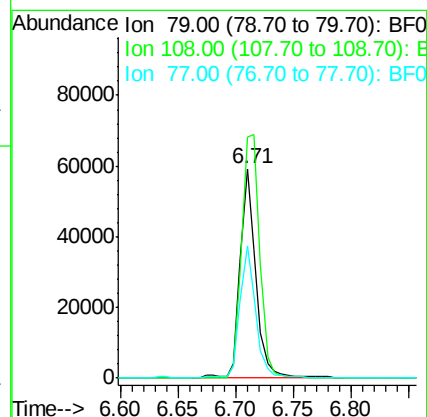
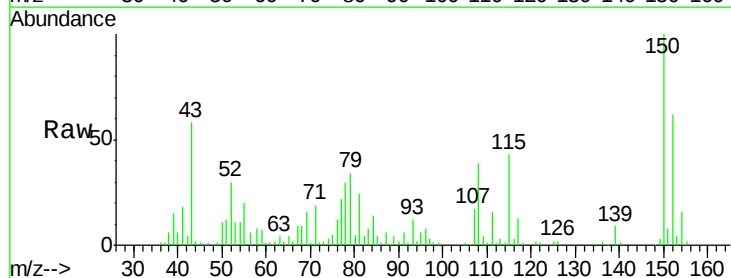
Tgt Ion: 79 Resp: 55926

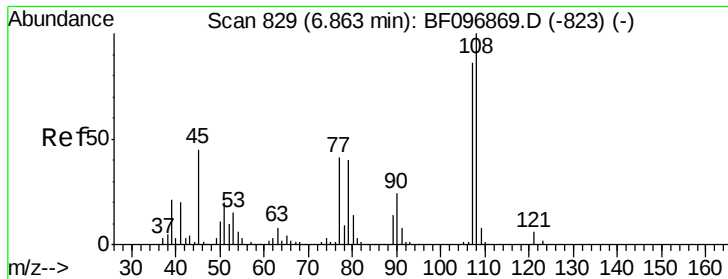
Ion Ratio Lower Upper

79 100

108 115.2 63.4 95.0#

77 63.2 49.2 73.8

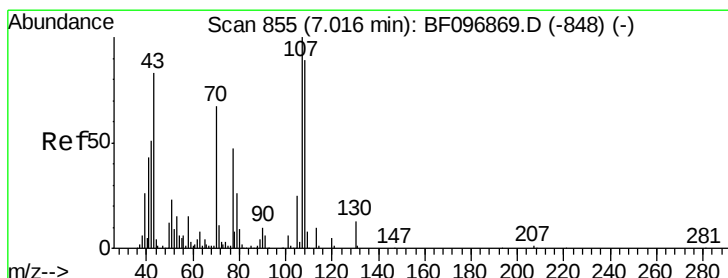
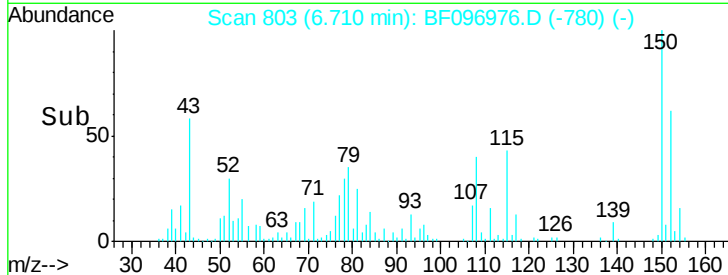
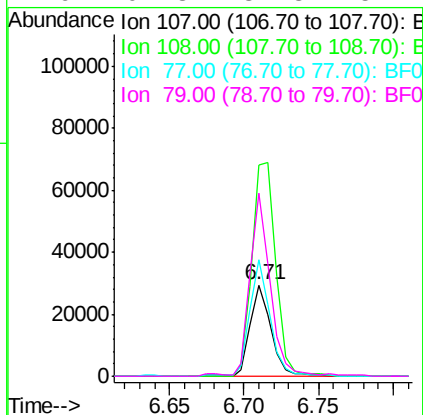
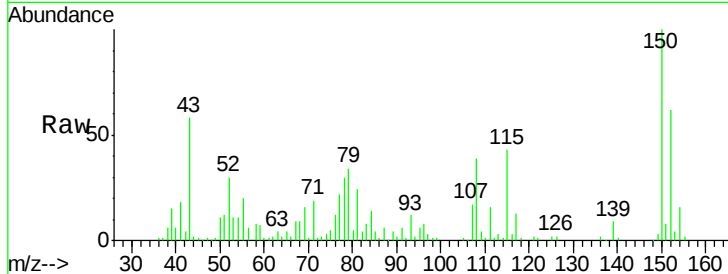




#17
2-Methylphenol
Concen: 4.59 ng
RT: 6.71 min Scan# 803
Delta R.T. -0.16 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

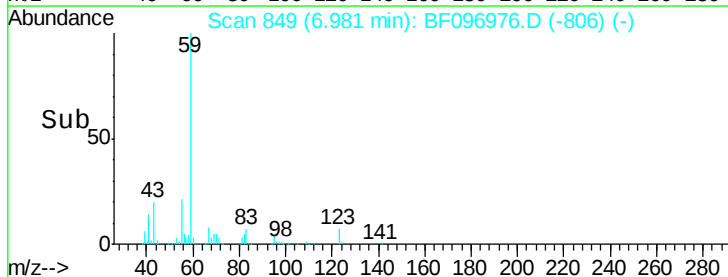
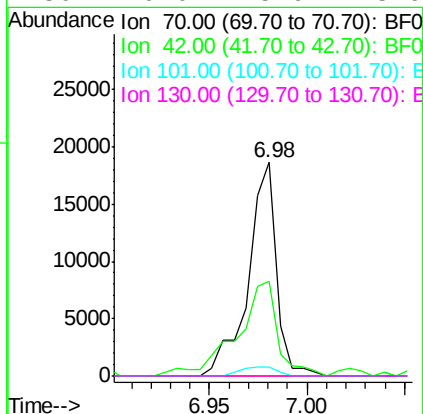
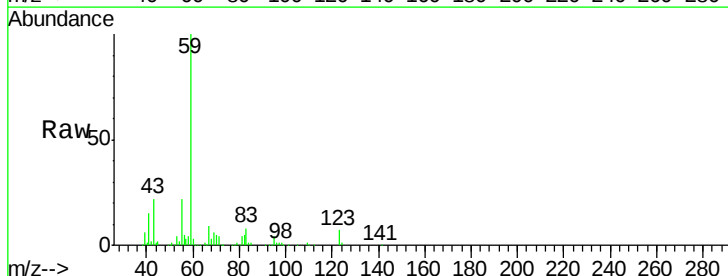
Instrument :
BNA_F
ClientSampleId :
B-COMB-3

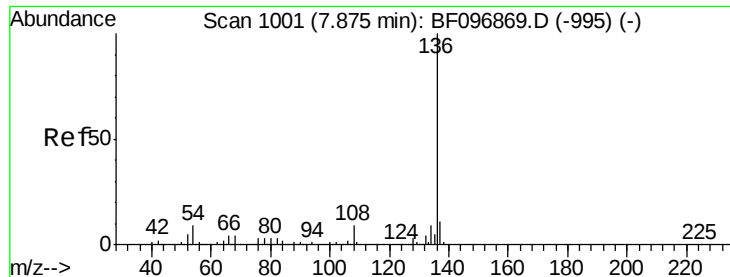
Tot Ion: 107 Resp: 28546
Ion Ratio Lower Upper
107 100
108 231.9 93.4 140.0#
77 127.3 35.8 53.6#
79 201.3 34.8 52.2#



#19
n-Nitroso-di-n-propylamine
Concen: 3.51 ng
RT: 6.98 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

Tgt Ion: 70 Resp: 18820
Ion Ratio Lower Upper
70 100
42 44.4 47.2 70.8#
101 4.2 7.2 10.8#
130 0.0 15.9 23.9#

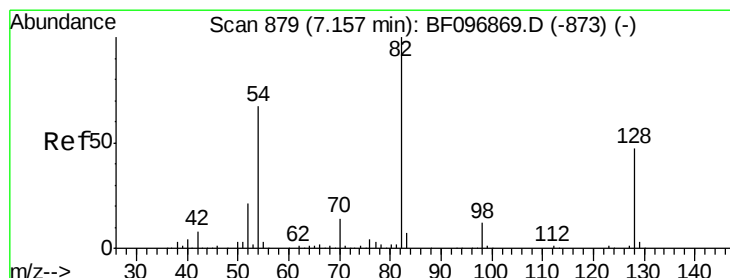
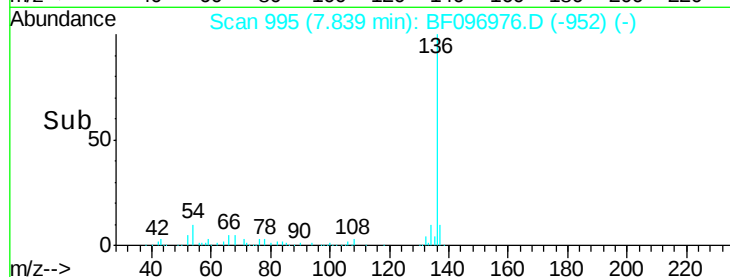
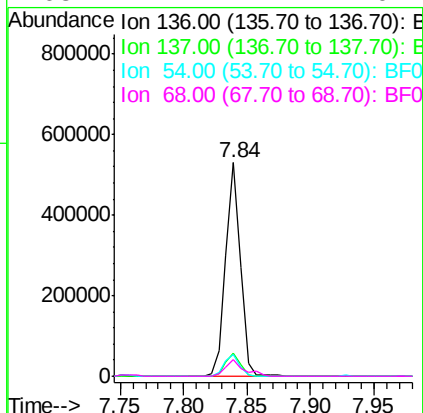
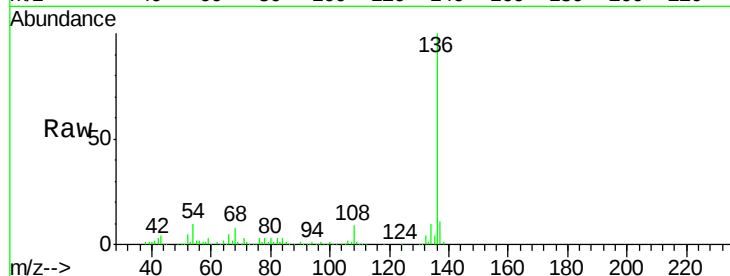




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

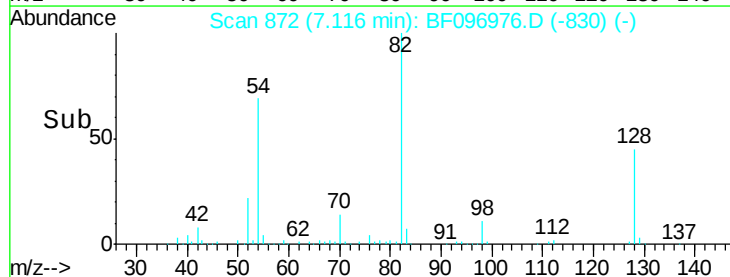
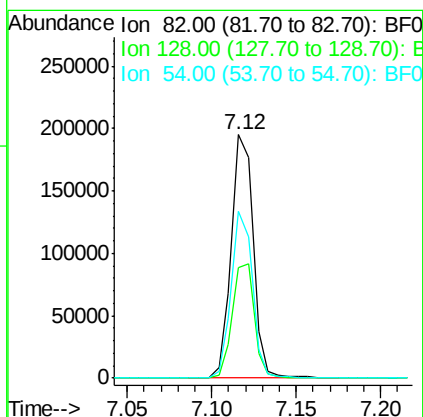
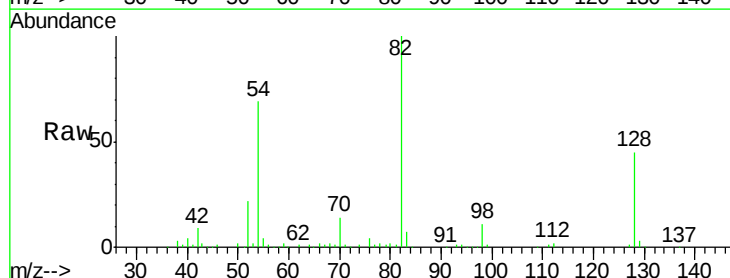
Instrument :
BNA_F
ClientSampleId :
B-COMB-3

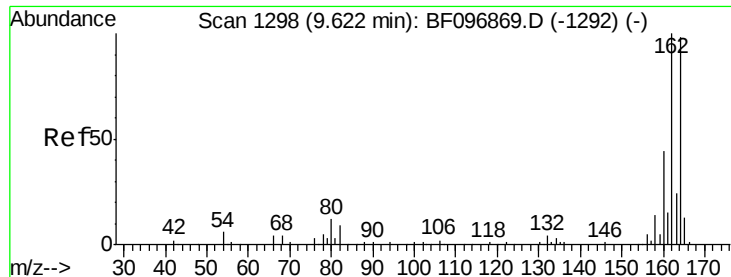
Tot Ion:136	Resp:	428897
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	10.3	4.9 7.3#
68	7.7	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 25.50 ng
RT: 7.12 min Scan# 872
Delta R.T. -0.05 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

Tgt Ion: 82	Resp:	176598
Ion Ratio	Lower	Upper
82	100	
128	45.3	34.0 51.0
54	68.7	42.2 63.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Instrument :

BNA_F

ClientSampleId :

B-COMB-3

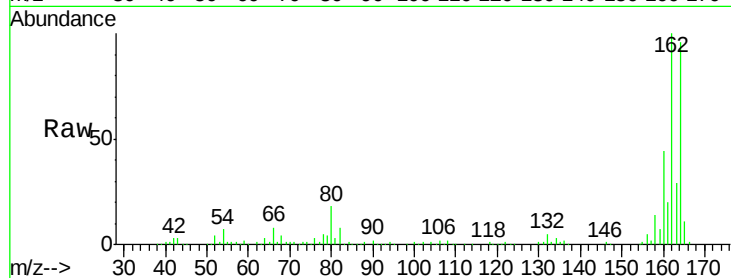
Tot Ion:164 Resp: 151945

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

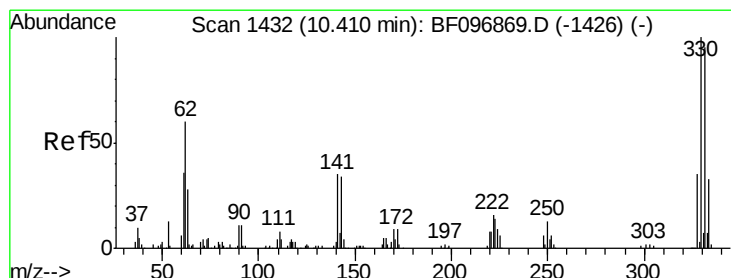
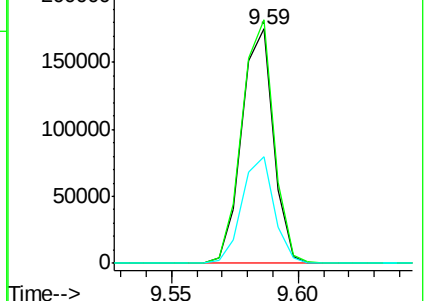
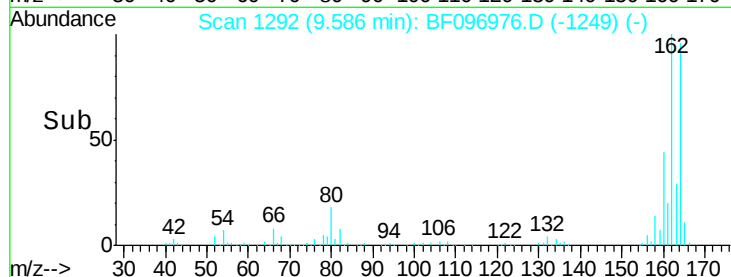
160 45.4 36.2 54.2



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: 3.46 ng

RT: 10.37 min Scan# 1426

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

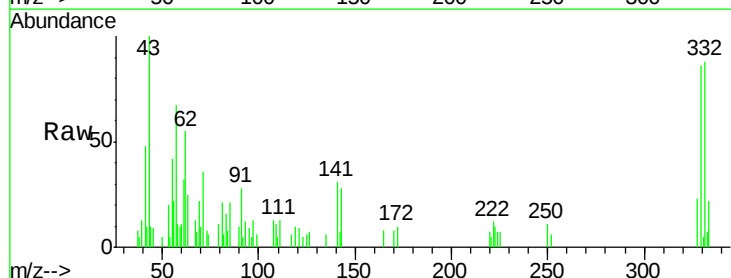
Tgt Ion:330 Resp: 4487

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

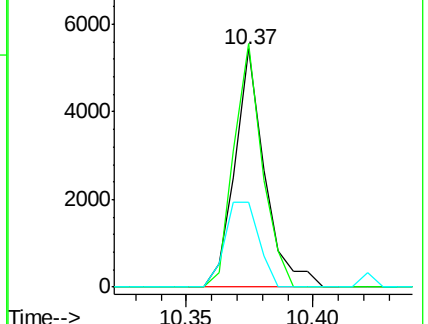
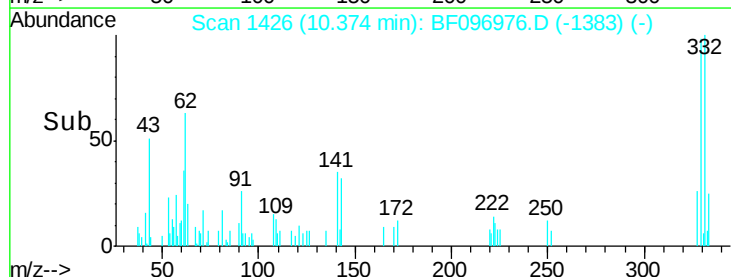
141 40.2 31.4 47.2

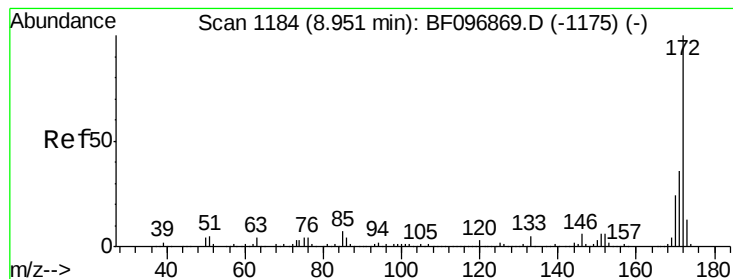


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 33.07 ng

RT: 8.92 min Scan# 1178

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Instrument :

BNA_F

ClientSampleId :

B-COMB-3

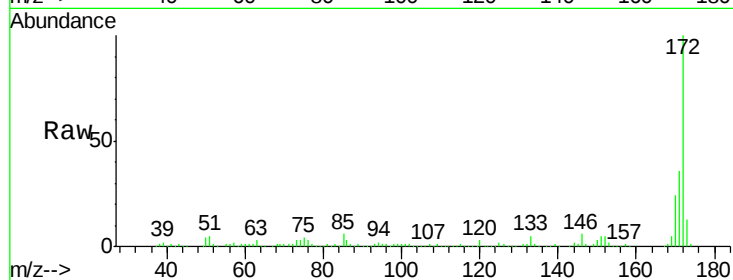
Tot Ion:172 Resp: 318025

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

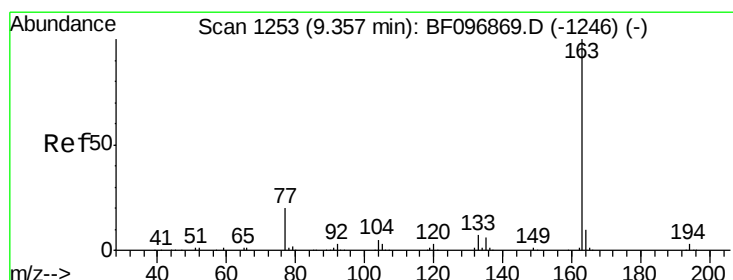
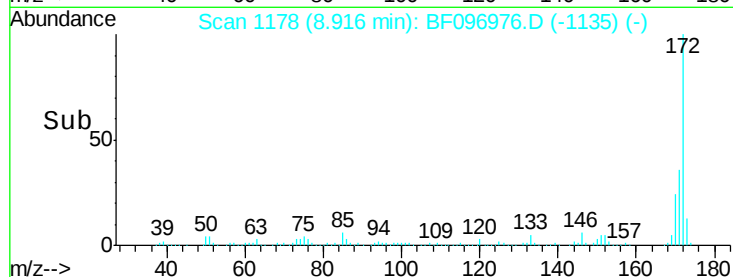
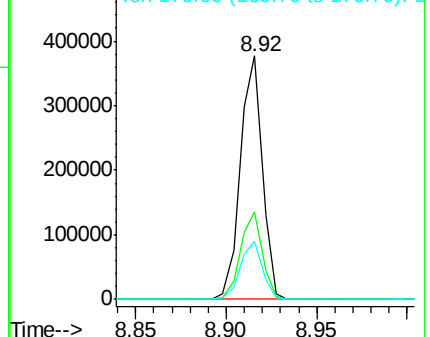
170 23.6 19.8 29.8



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: 7.40 ng

RT: 9.32 min Scan# 1246

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

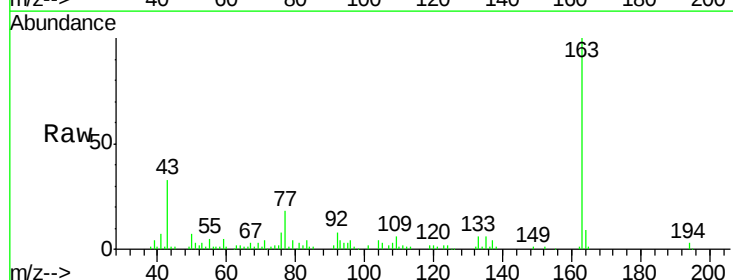
Tgt Ion:163 Resp: 84610

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

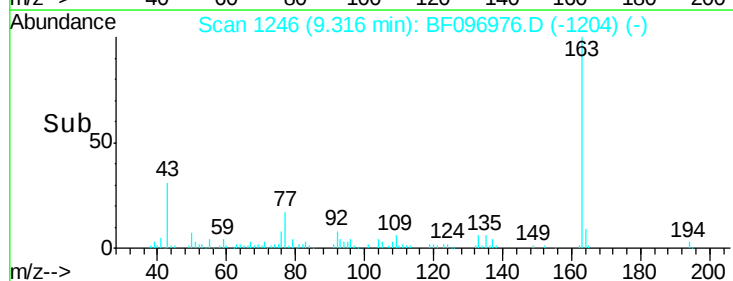
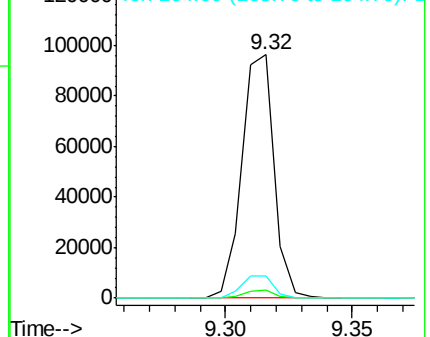
164 9.1 8.4 12.6



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

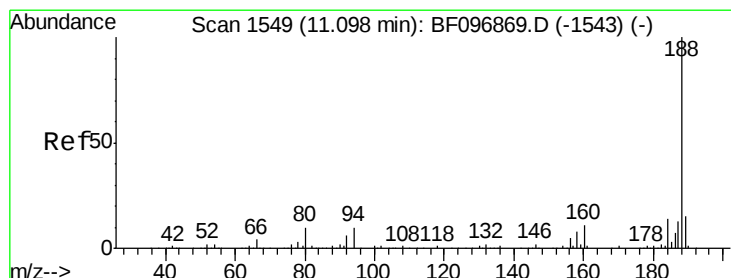
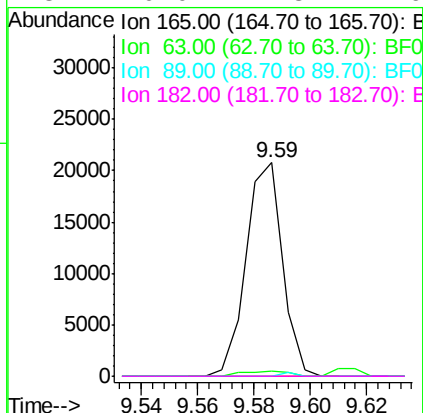
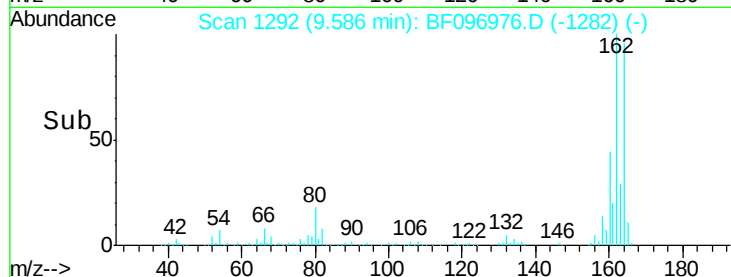
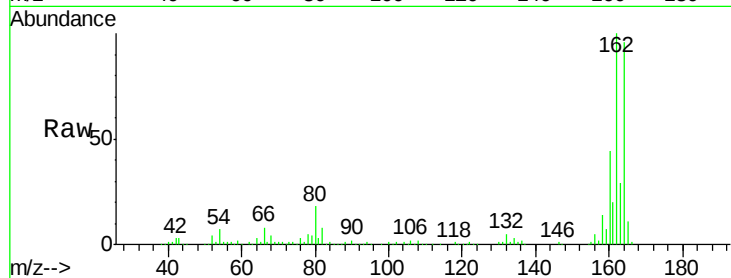




#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.24 min
 Lab File: BF096976.D
 Acq: 22 Jul 2017 7:52

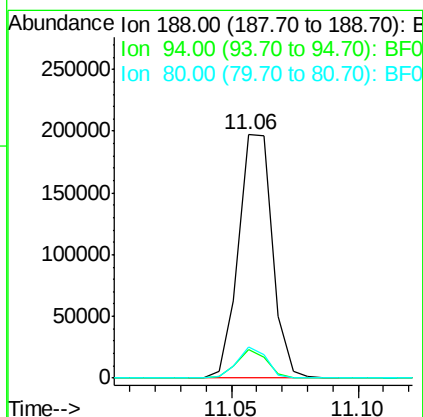
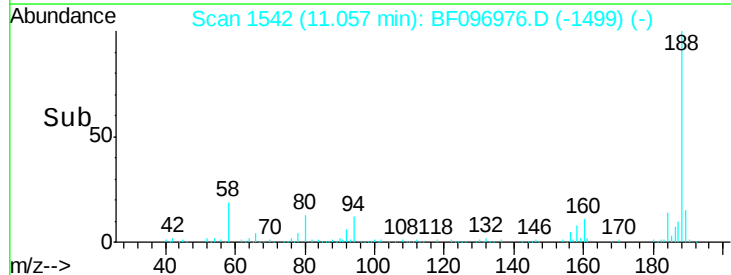
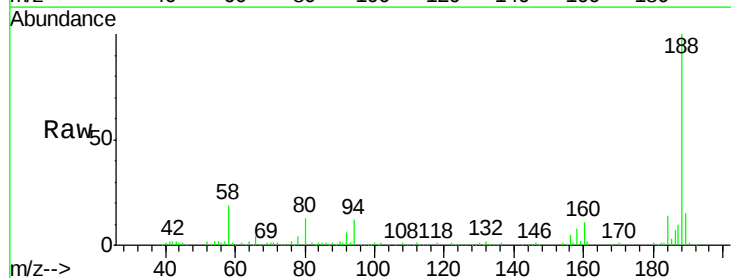
Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3

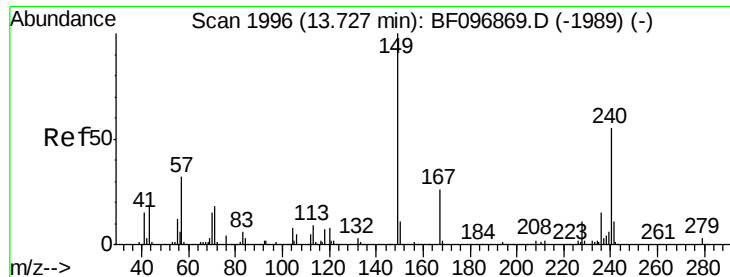
Tot Ion:	165	Resp:	18545
Ion	Ratio	Lower	Upper
165	100		
63	2.3	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 1542
 Delta R.T. -0.05 min
 Lab File: BF096976.D
 Acq: 22 Jul 2017 7:52

Tgt Ion:	188	Resp:	182755
Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	13.0	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Instrument :

BNA_F

ClientSampleId :

B-COMB-3

Tot Ion:240 Resp: 244462

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

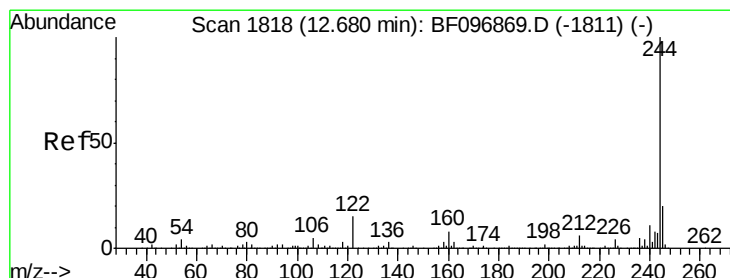
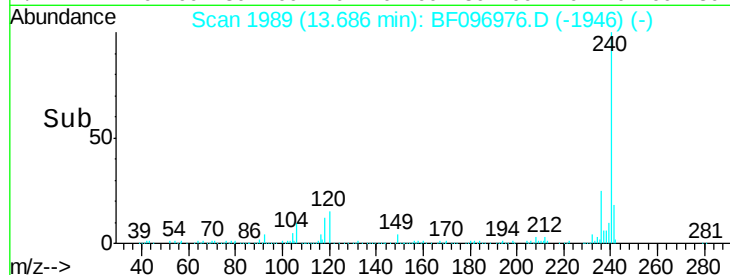
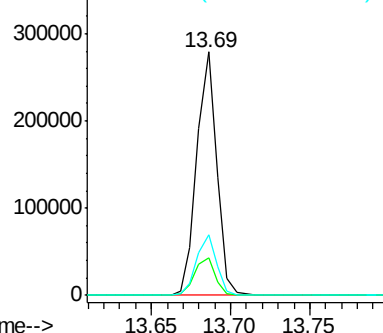
236 25.1 20.5 30.7



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: 15.49 ng

RT: 12.64 min Scan# 1811

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

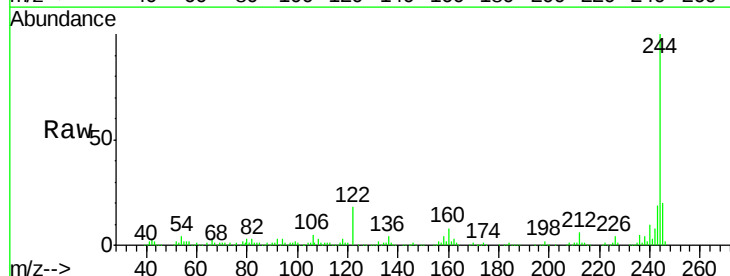
Tgt Ion:244 Resp: 218361

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

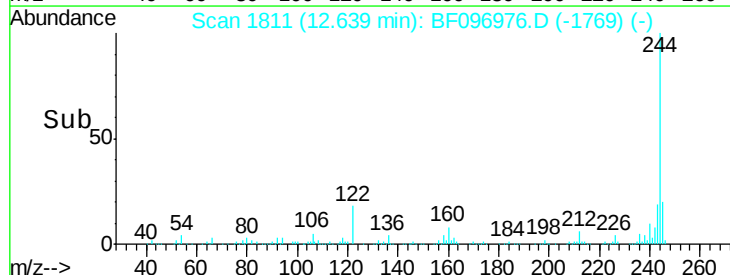
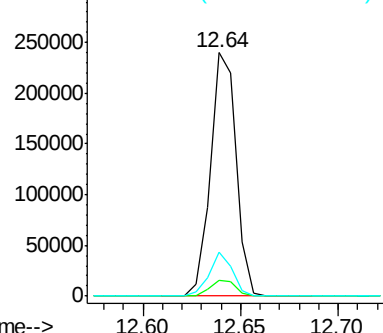
122 18.0 10.3 15.5#

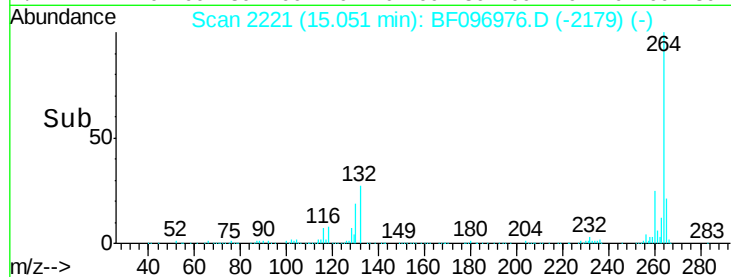
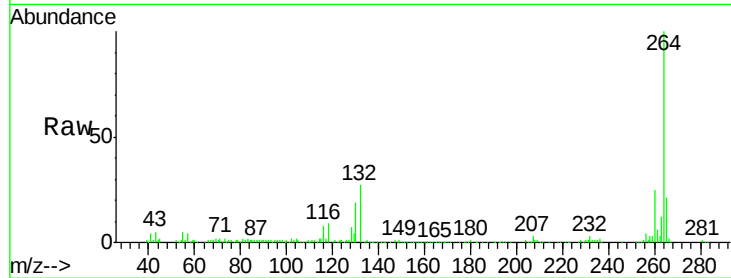
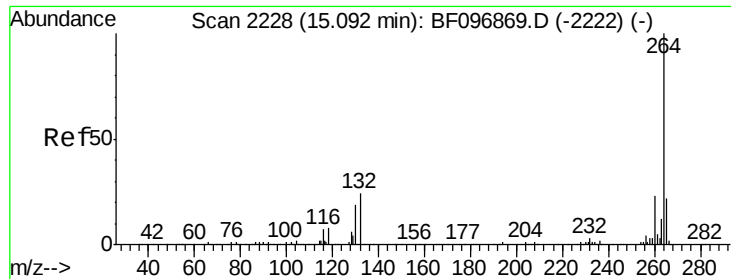


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: BF096976.D
 Acq: 22 Jul 2017 7:52

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	17.2	25.8

