

Data File : BF096969.D
Acq On : 22 Jul 2017 4:39
Operator : SJ/JU
Sample : I4274-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-COMB-3

Quant Time: Jul 22 05:11:54 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	6.55	152	104529	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	426849	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	162551	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	259537	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	234325	20.00	ng	-0.05
86) Perylene-d12	15.05	264	212484	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	81771	11.76	ng	-0.04
7) Phenol-d6	6.20	99	66255	7.94	ng	-0.05
23) Nitrobenzene-d5	7.12	82	271354	39.38	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	23931	17.25	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	511553	49.72	ng	-0.05
78) Terphenyl-d14	12.65	244	345925	25.60	ng	-0.05

Target Compounds				Qvalue		
10) Phenol	6.22	94	44230	4.69	ng	93
15) Benzyl Alcohol	6.70	79	30896	5.66	ng	96
17) 2-Methylphenol	6.70	107	15131	2.59	ng	# 4
19) n-Nitroso-di-n-propylamine	6.96	70	13370	2.66	ng	# 42
20) 3+4-Methylphenols	6.98	107	139896	19.77	ng	# 57
25) Isophorone	7.12	82	259965	20.28	ng	# 67
27) 2,4-Dimethylphenol	7.65	122	43609	6.69	ng	# 7
32) Benzoic acid	7.65	122	43609	10.47	ng	94
49) Dimethylphthalate	9.31	163	110456	9.02	ng	97
53) 2,4-Dinitrophenol	9.65	184	243	6.91	ng	# 4
56) 2,4-Dinitrotoluene	9.58	165	20602	6.05	ng	# 35
59) Diethylphthalate	10.01	149	90792	7.62	ng	100
85) Indeno(1,2,3-cd)pyrene	16.16	276	110	3.34	ng	# 1

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

Data File : BF096969.D

Acq On : 22 Jul 2017 4:39

Operator : SJ/JU

Sample : I4274-01

Misc :

ALS Vial : 32 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

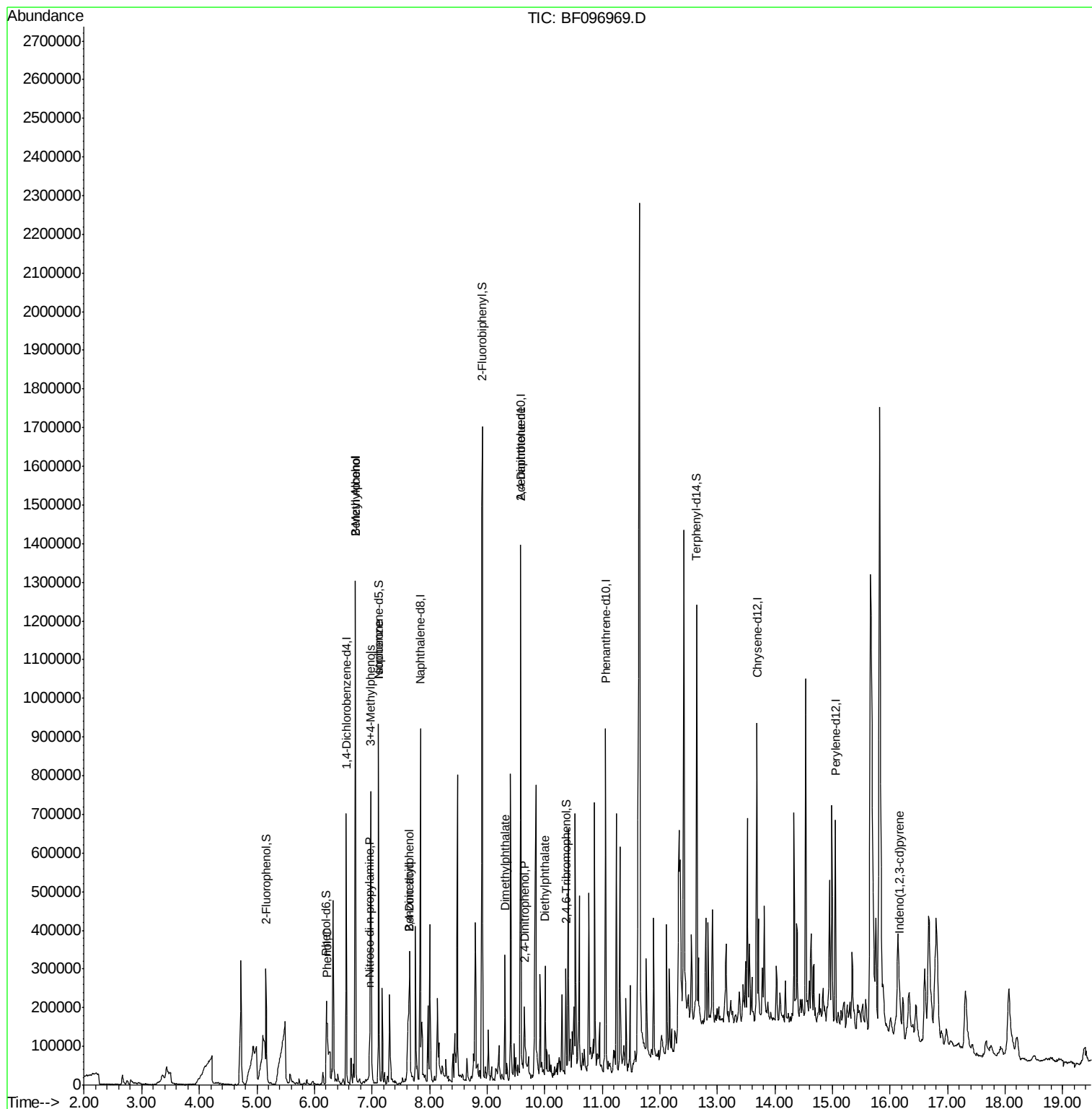
Quant Time: Jul 22 05:11:54 2017

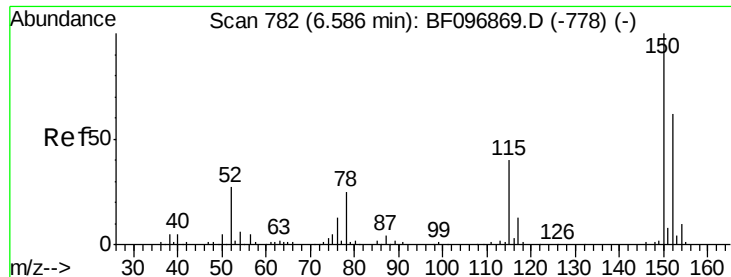
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 18 13:33:22 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 776

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

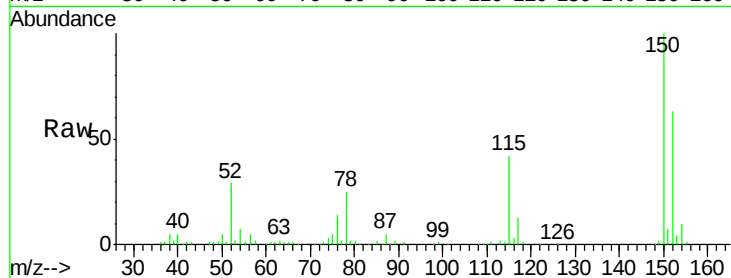
Tgt Ion:152 Resp: 104529

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

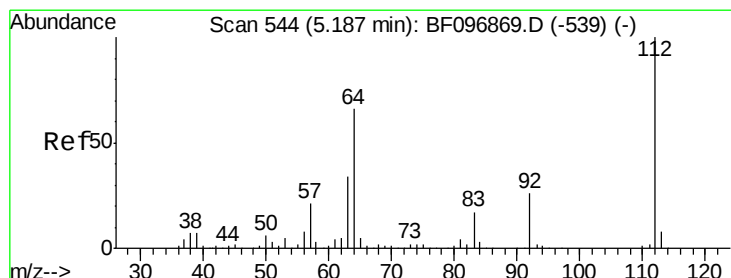
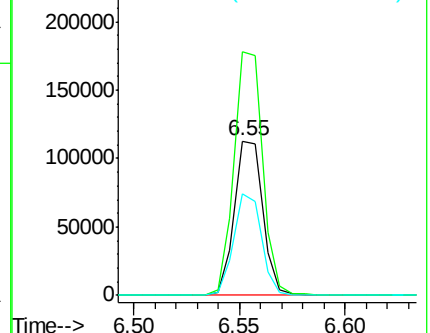
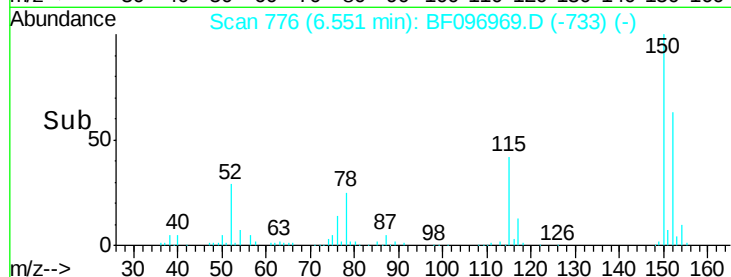
115 65.8 52.2 78.2



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: 11.76 ng

RT: 5.16 min Scan# 539

Delta R.T. -0.04 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

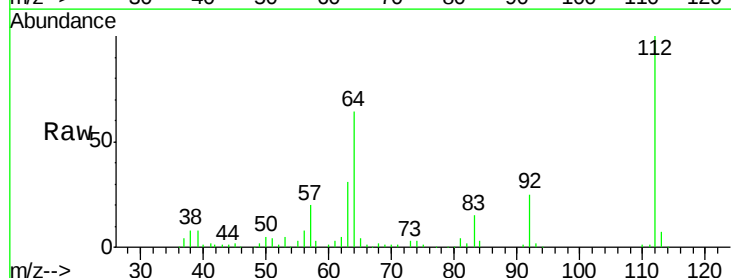
Tgt Ion:112 Resp: 81771

Ion Ratio Lower Upper

112 100

64 63.7 46.0 69.0

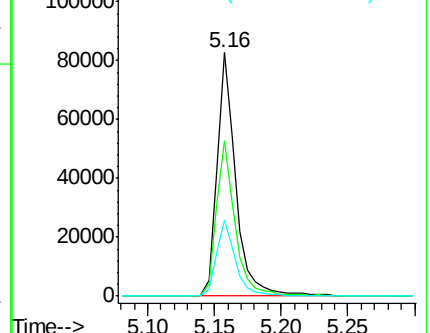
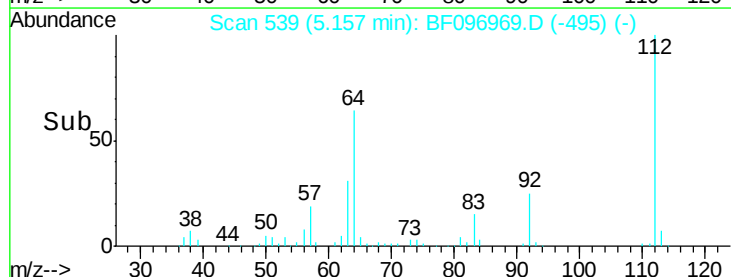
63 31.0 23.4 35.0

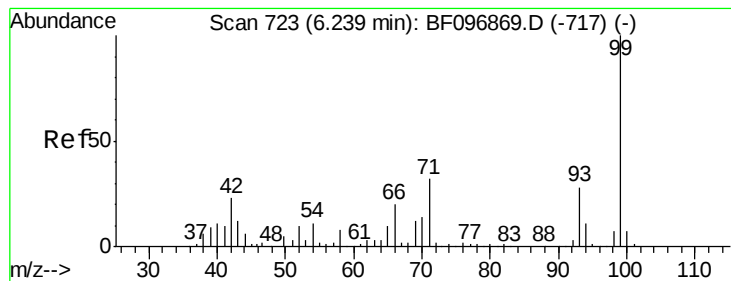


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.94 ng

RT: 6.20 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

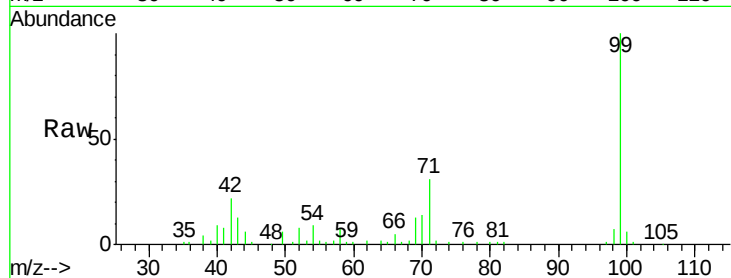
Tgt Ion: 99 Resp: 66255

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

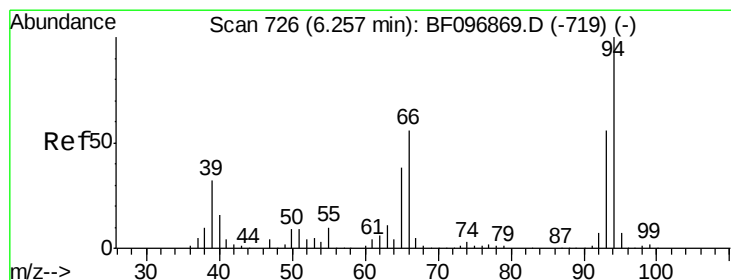
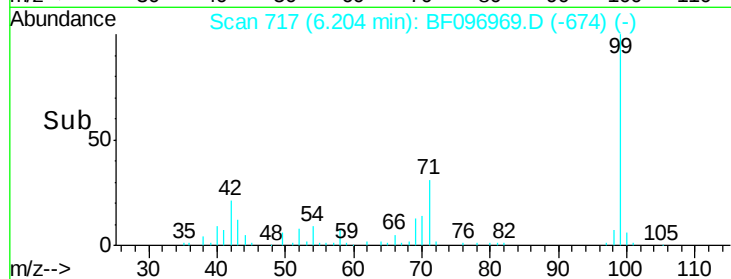
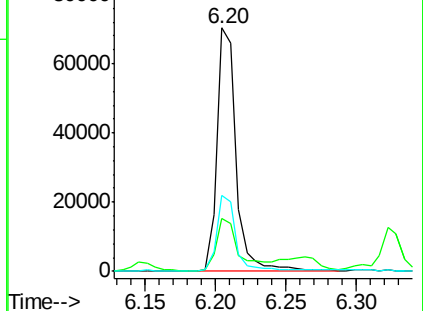
71 31.2 24.5 36.7



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: 4.69 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

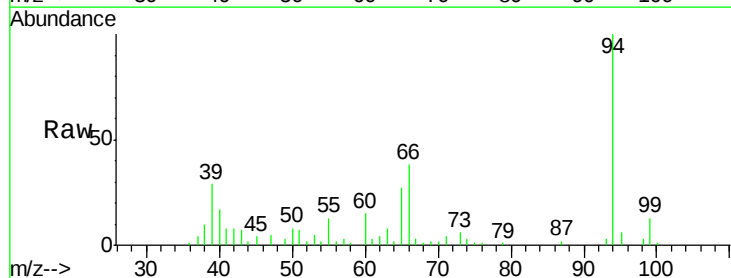
Tgt Ion: 94 Resp: 44230

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

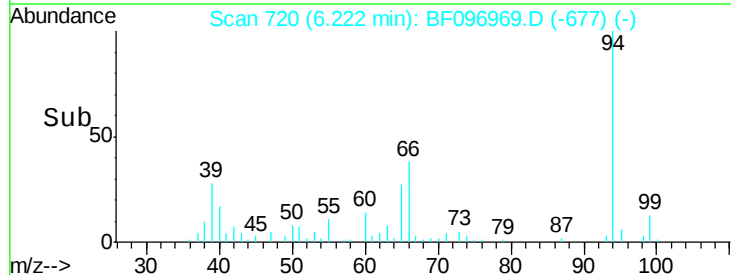
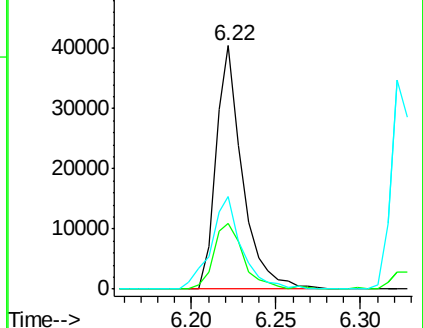
66 38.0 23.1 63.1

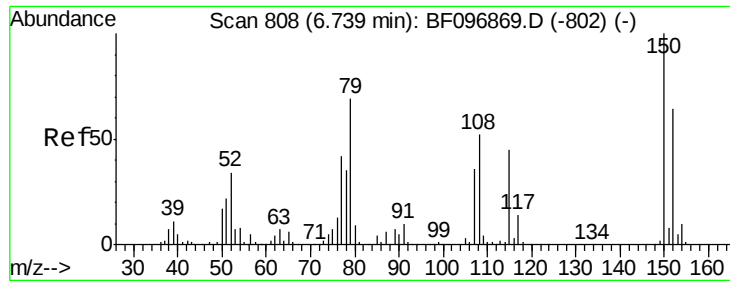


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 5.66 ng

RT: 6.70 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

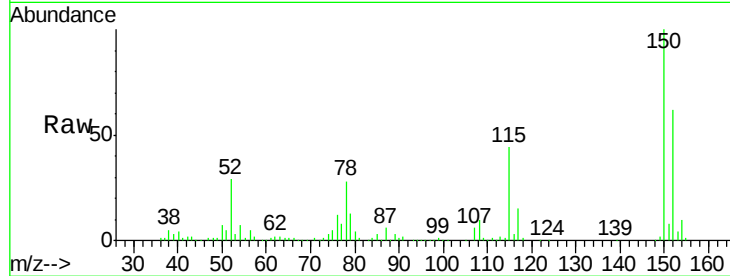
Tgt Ion: 79 Resp: 30896

Ion Ratio Lower Upper

79 100

108 75.6 63.4 95.0

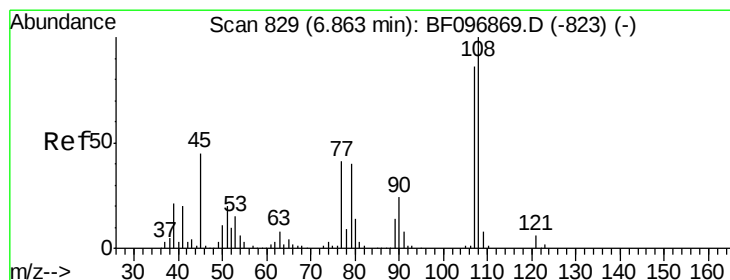
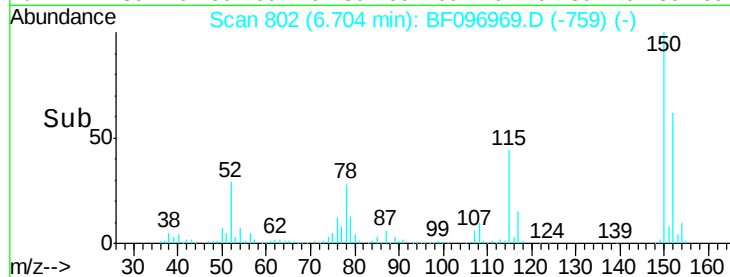
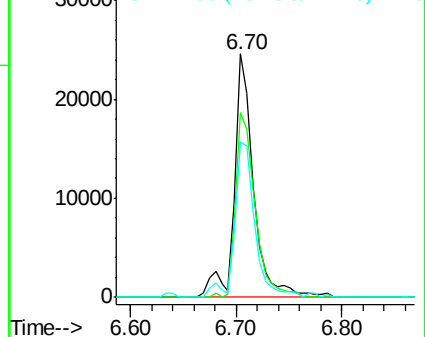
77 63.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#17

2-Methylphenol

Concen: 2.59 ng

RT: 6.70 min Scan# 802

Delta R.T. -0.17 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Tgt Ion: 107 Resp: 15131

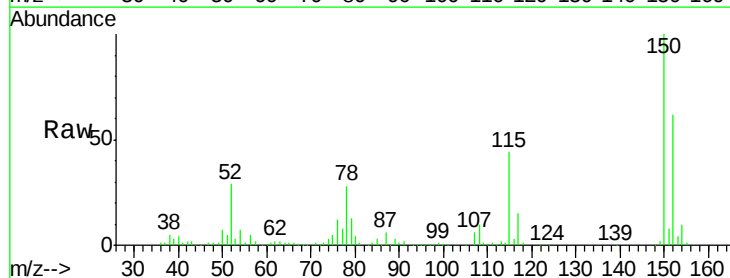
Ion Ratio Lower Upper

107 100

108 149.7 93.4 140.0#

77 126.5 35.8 53.6#

79 198.0 34.8 52.2#

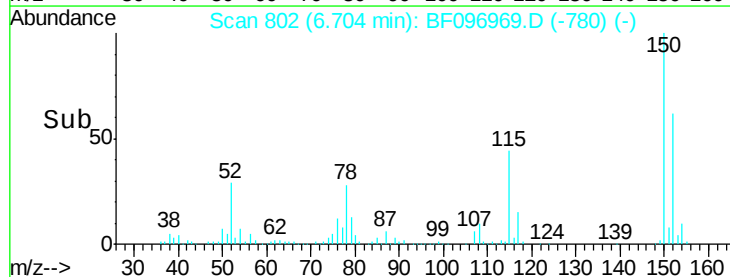
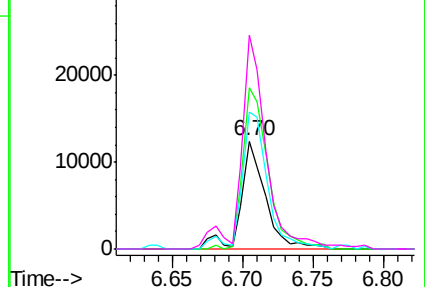


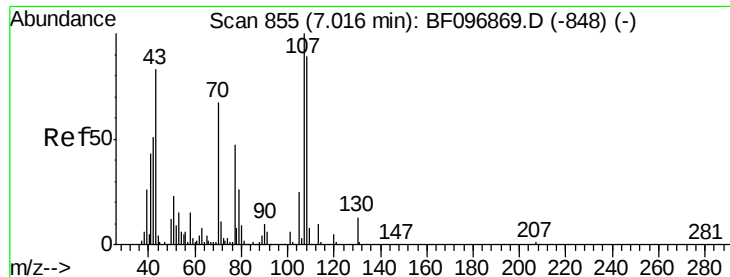
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

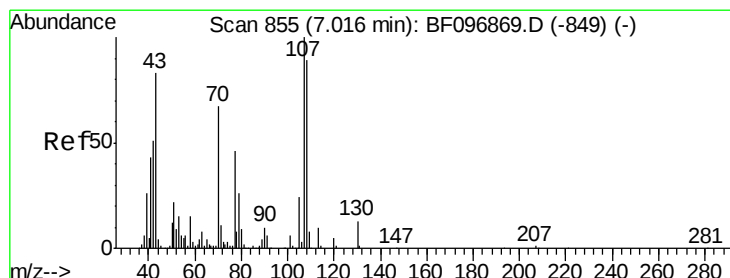
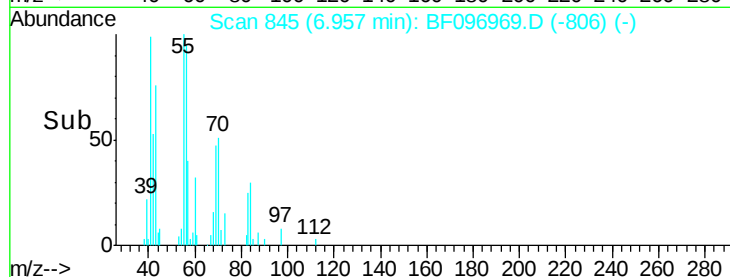
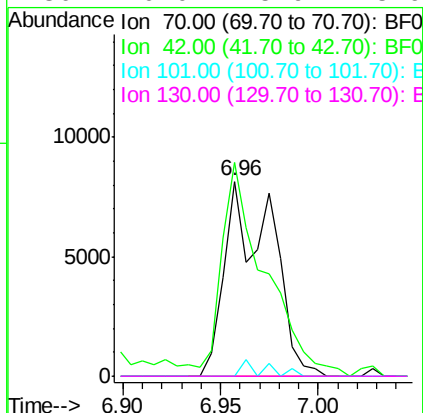
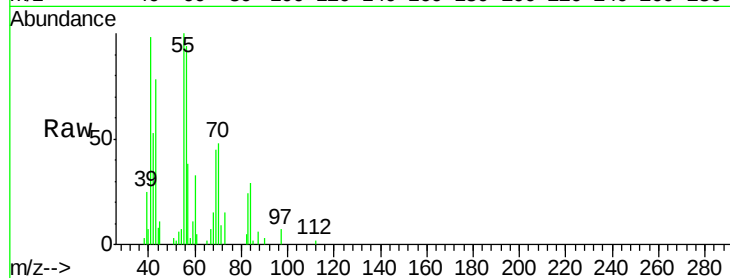




#19
n-Nitroso-di-n-propylamine
Concen: 2.66 ng
RT: 6.96 min Scan# 845
Delta R.T. -0.07 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

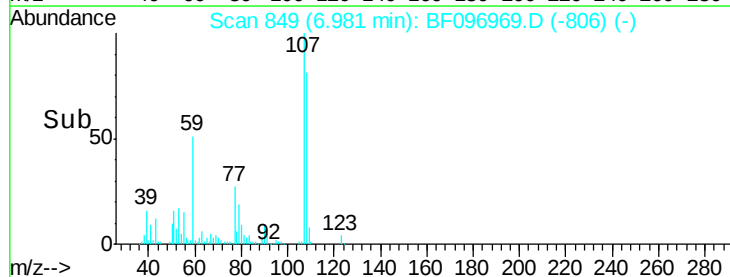
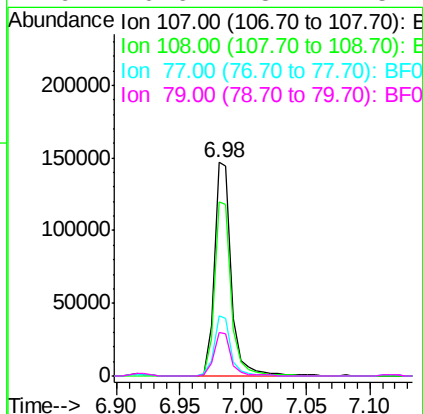
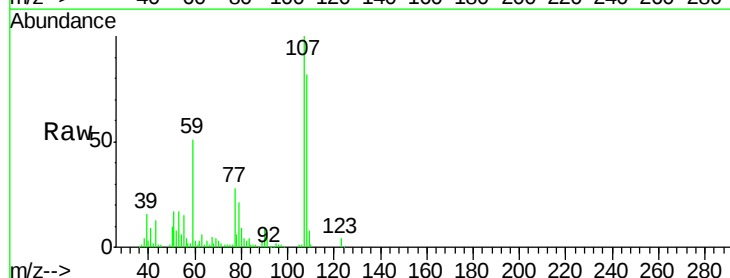
Instrument :
BNA_F
ClientSampleId :
M-COMB-3

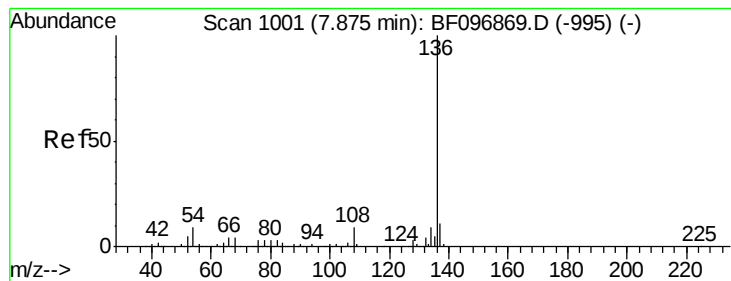
Tgt Ion: 70 Resp: 13370
Ion Ratio Lower Upper
70 100
42 109.6 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



#20
3+4-Methylphenols
Concen: 19.77 ng
RT: 6.98 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

Tgt Ion: 107 Resp: 139896
Ion Ratio Lower Upper
107 100
108 81.6 71.0 111.0
77 28.1 90.5 130.5#
79 20.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

Tgt Ion: 136 Resp: 426849

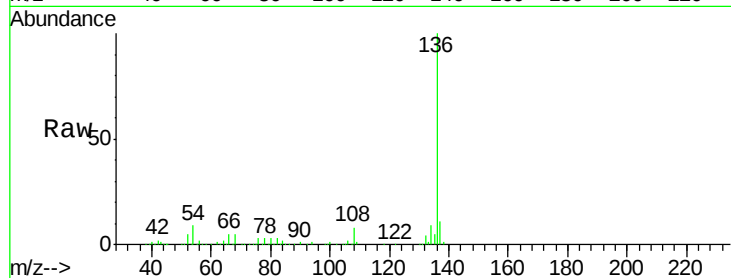
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.5 4.9 7.3#

68 5.0 4.1 6.1

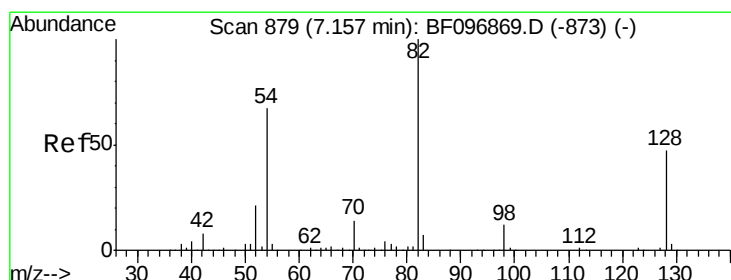
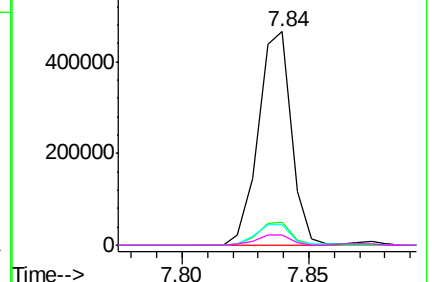
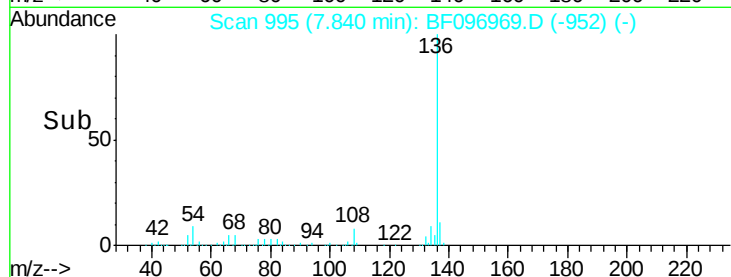


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.38 ng

RT: 7.12 min Scan# 872

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

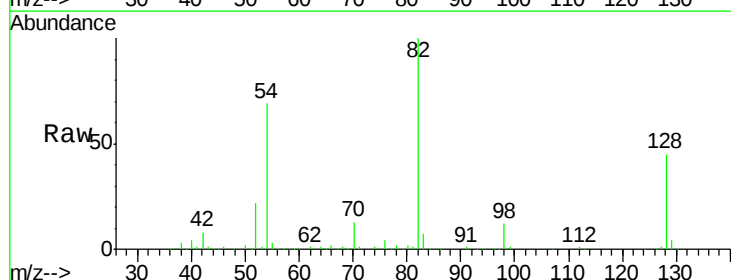
Tgt Ion: 82 Resp: 271354

Ion Ratio Lower Upper

82 100

128 45.0 34.0 51.0

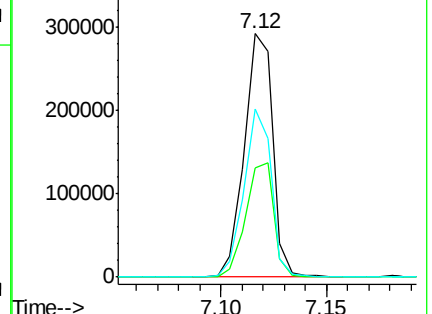
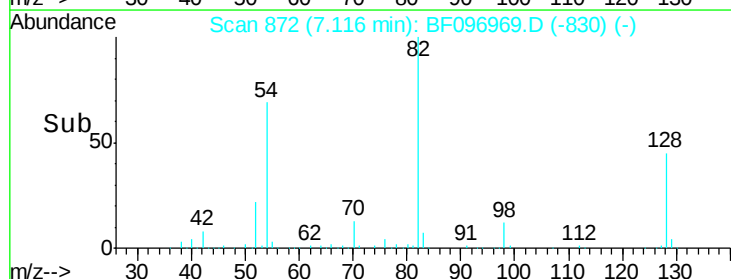
54 69.2 42.2 63.2#

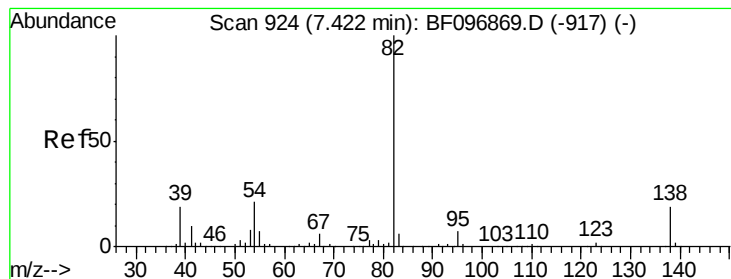


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 20.28 ng

RT: 7.12 min Scan# 872

Delta R.T. -0.32 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

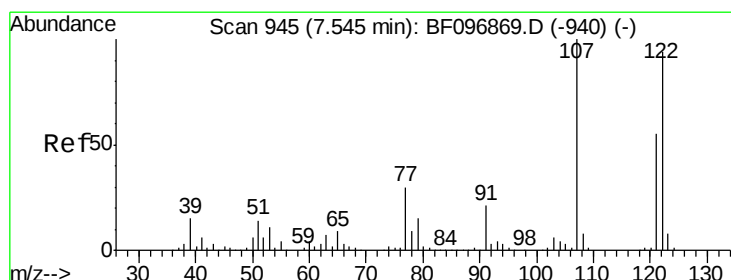
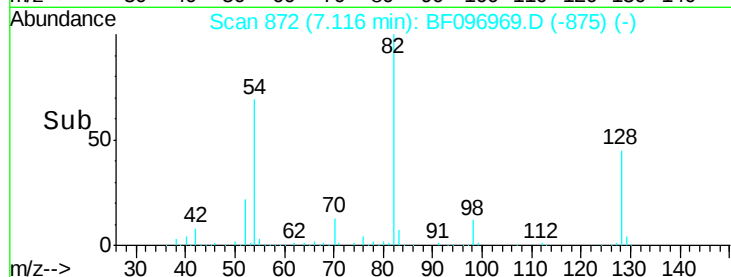
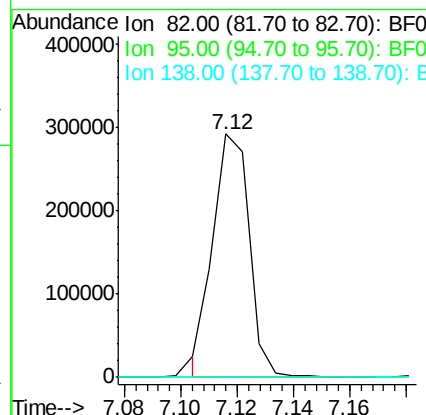
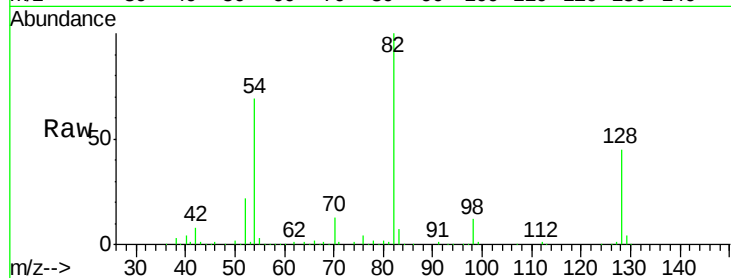
Tgt Ion: 82 Resp: 259965

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#27

2,4-Dimethylphenol

Concen: 6.69 ng

RT: 7.65 min Scan# 962

Delta R.T. 0.09 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

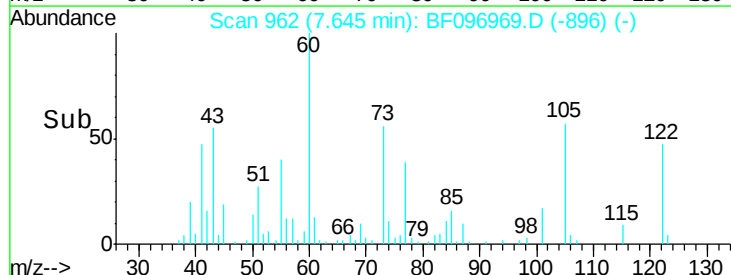
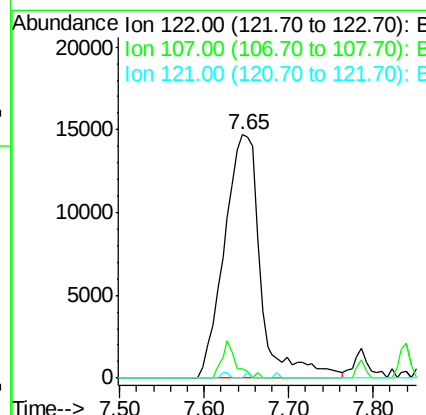
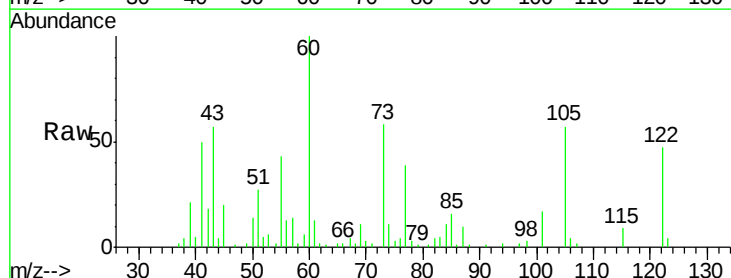
Tgt Ion: 122 Resp: 43609

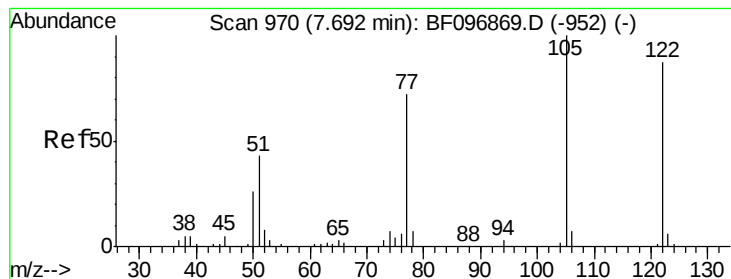
Ion Ratio Lower Upper

122 100

107 4.0 89.2 133.8#

121 0.0 45.2 67.8#





#32

Benzoic acid

Concen: 10.47 ng

RT: 7.65 min Scan# 962

Delta R.T. -0.06 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

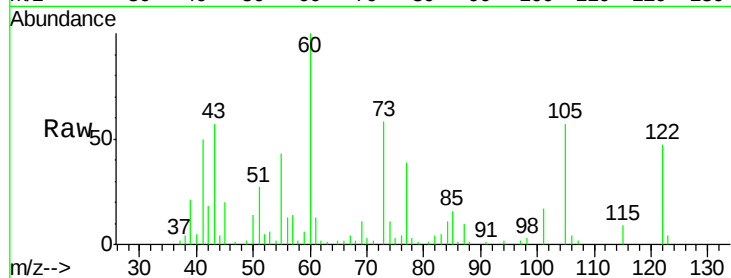
Tgt Ion:122 Resp: 43609

Ion Ratio Lower Upper

122 100

105 120.6 103.3 143.3

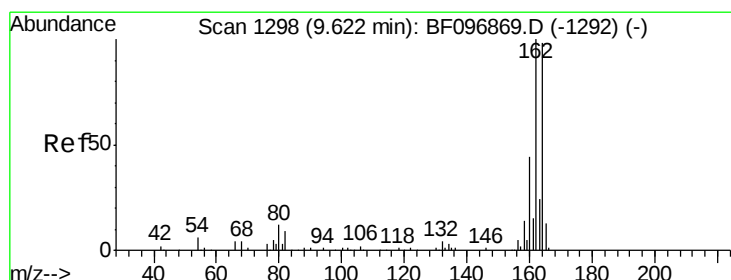
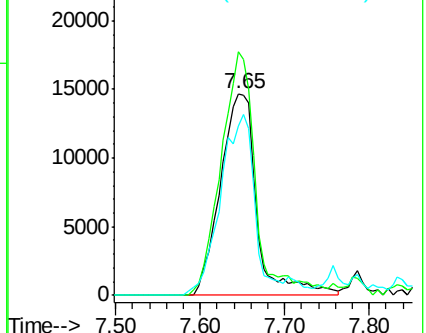
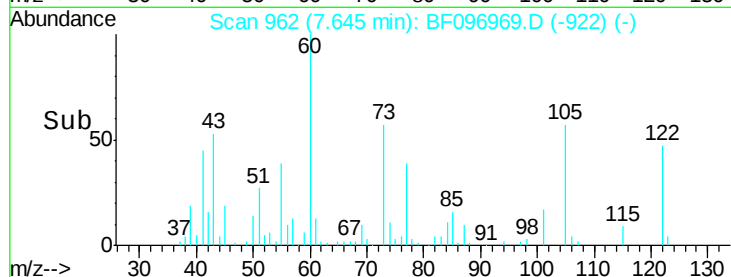
77 83.9 73.7 113.7



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: 9.58 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

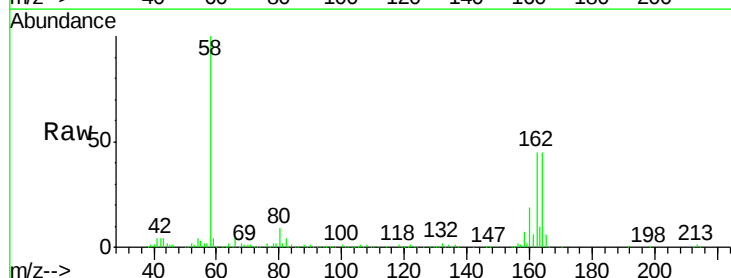
Tgt Ion:164 Resp: 162551

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

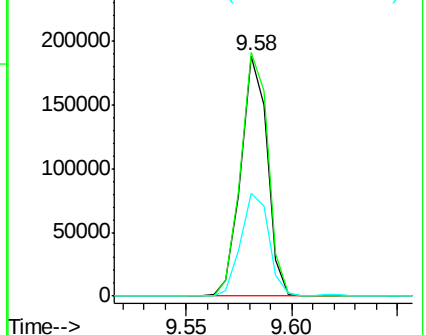
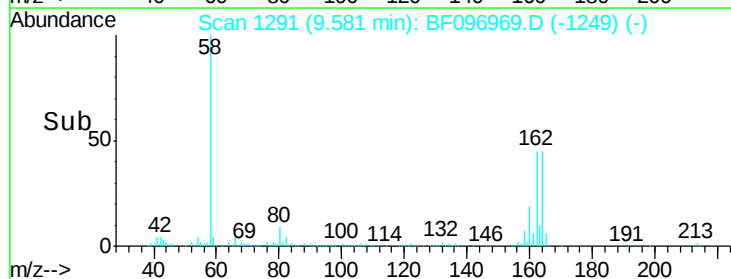
160 42.9 36.2 54.2

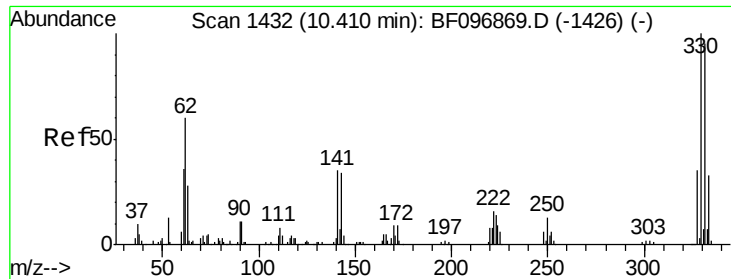


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

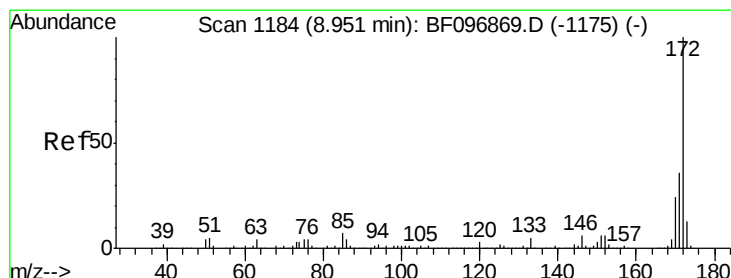
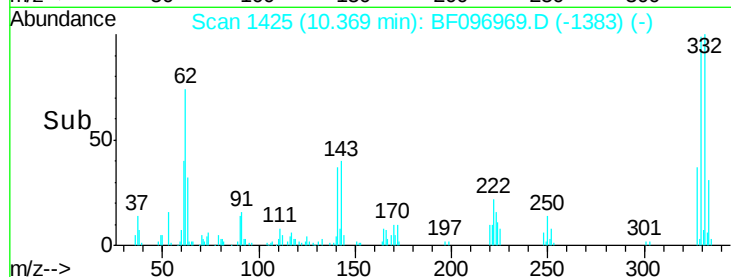
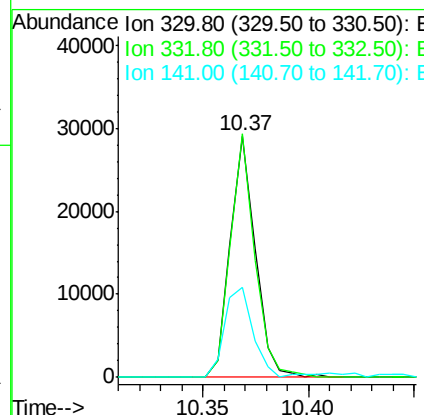
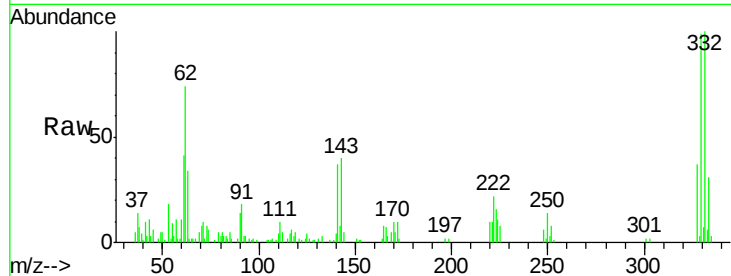




#41
 2,4,6-Tribromophenol
 Concen: 17.25 ng
 RT: 10.37 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: BF096969.D
 Acq: 22 Jul 2017 4:39

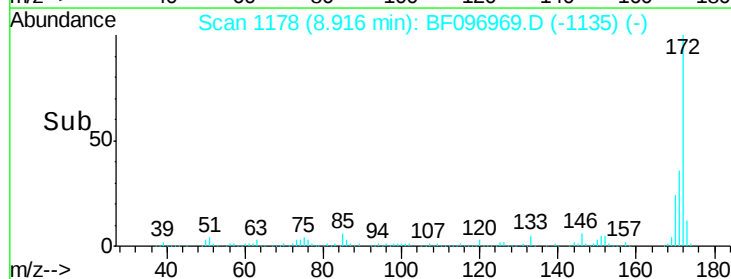
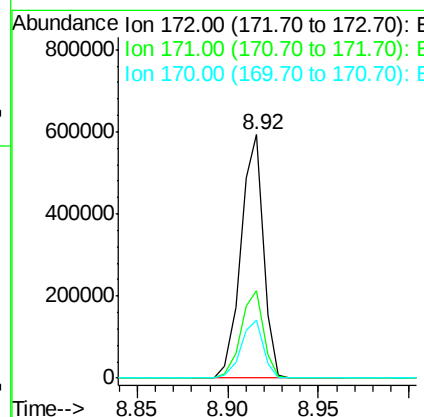
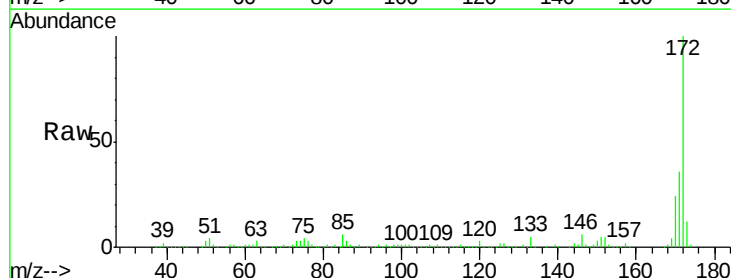
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-3

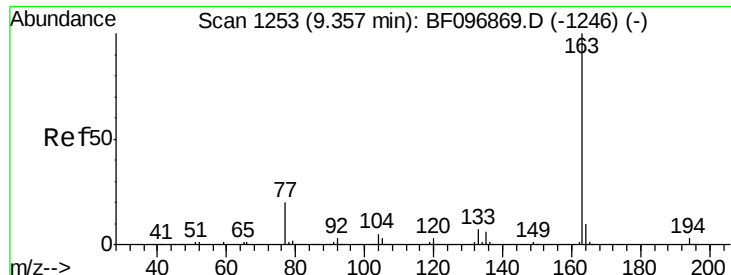
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	115.0
141	42.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 49.72 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096969.D
 Acq: 22 Jul 2017 4:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

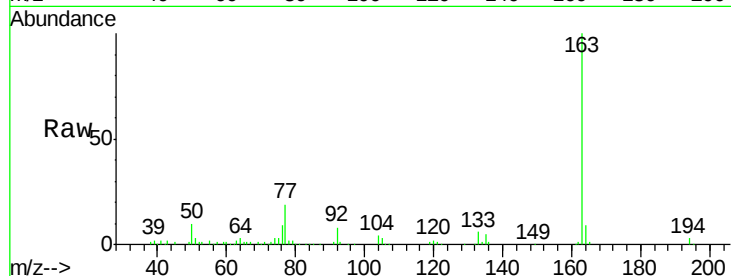




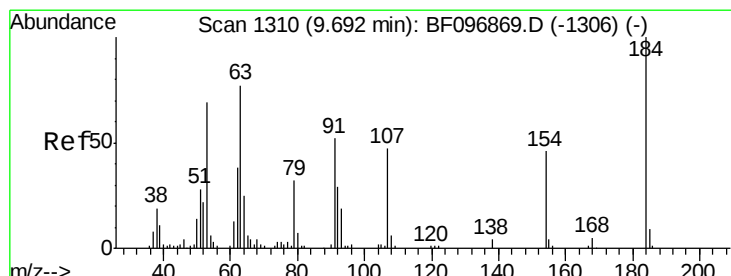
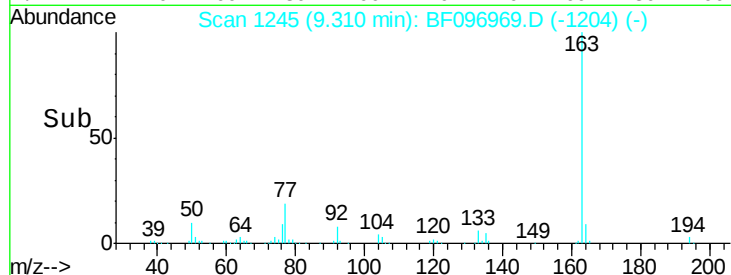
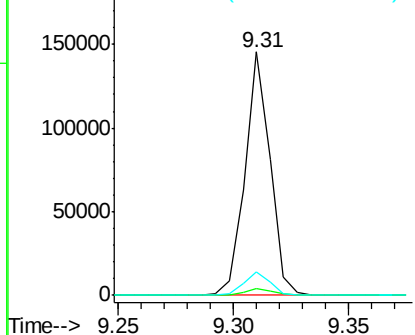
#49
Dimethylphthalate
Concen: 9.02 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

Instrument :
BNA_F
ClientSampleId :
M-COMB-3

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.4	8.4	12.6

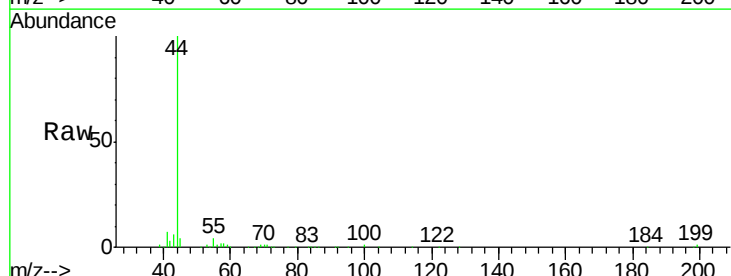


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

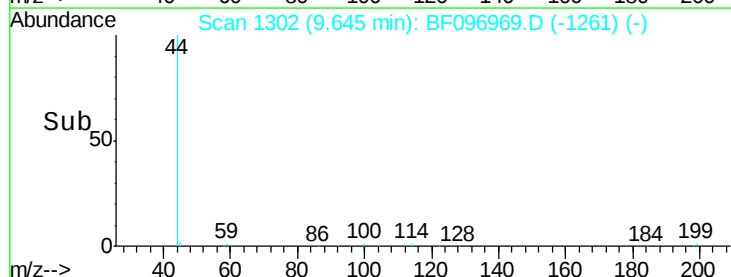
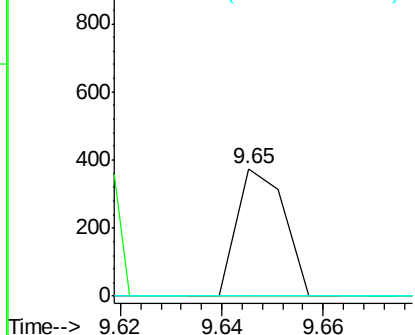


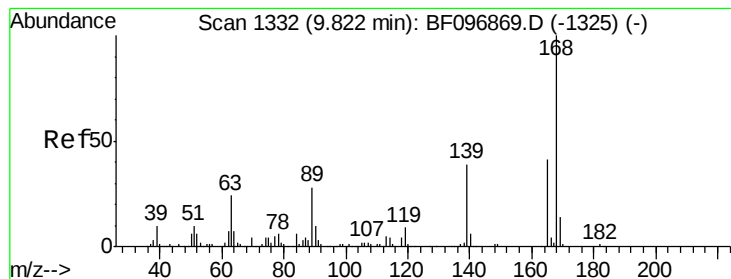
#53
2,4-Dinitrophenol
Concen: 6.91 ng
RT: 9.65 min Scan# 1302
Delta R.T. -0.06 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 6.05 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.25 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

Tgt Ion:165 Resp: 20602

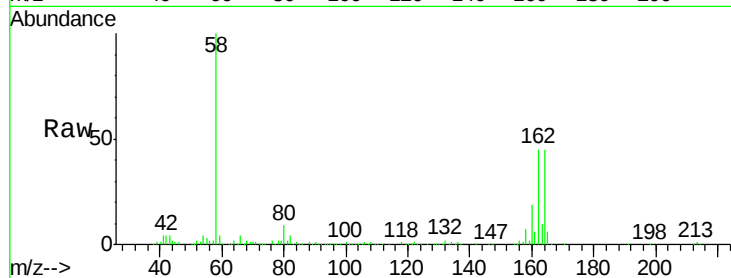
Ion Ratio Lower Upper

165 100

63 3.0 25.4 38.0#

89 2.7 46.4 69.6#

182 0.0 1.8 2.6#

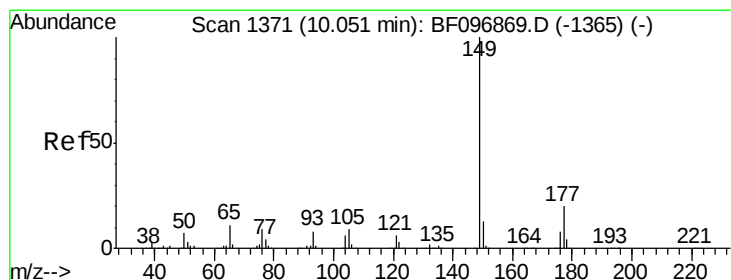
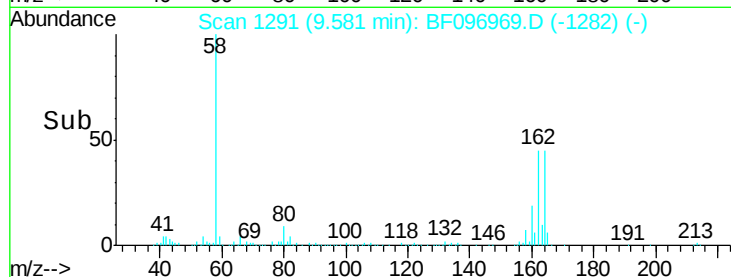
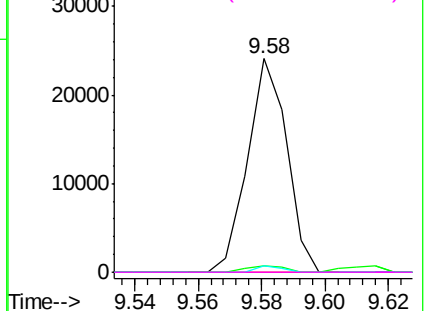


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59

Diethylphthalate

Concen: 7.62 ng

RT: 10.01 min Scan# 1364

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

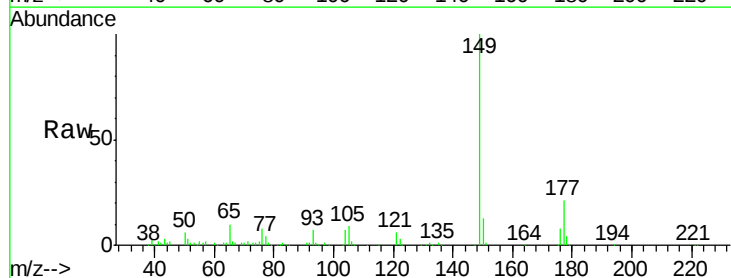
Tgt Ion:149 Resp: 90792

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

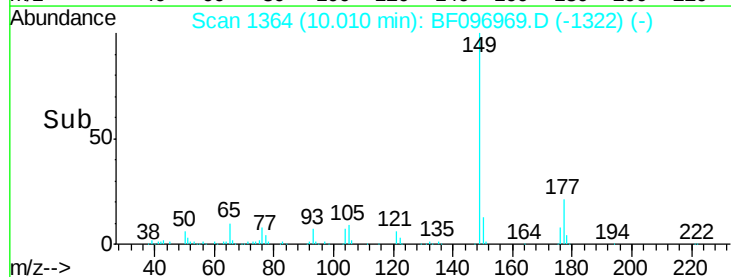
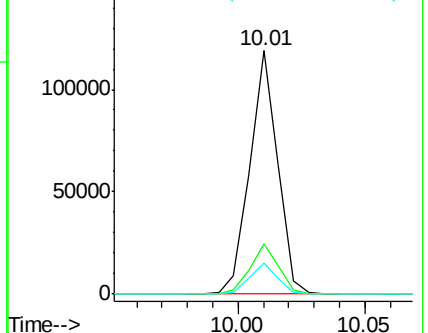
150 12.7 10.2 15.2

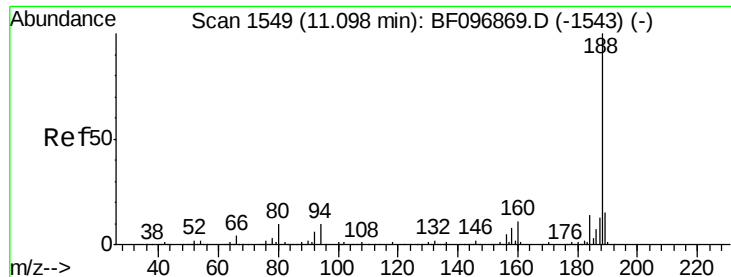


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

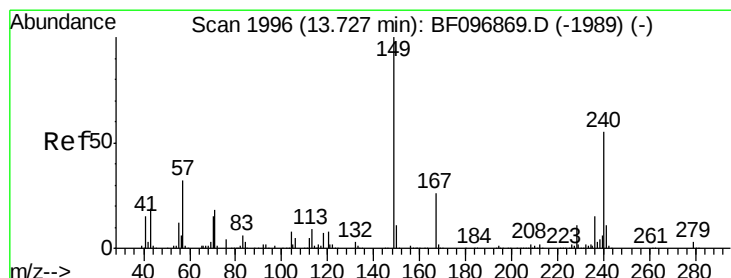
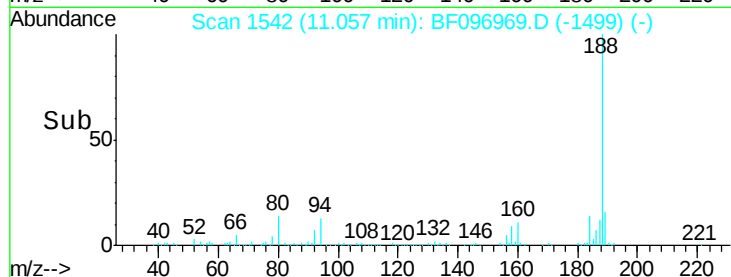
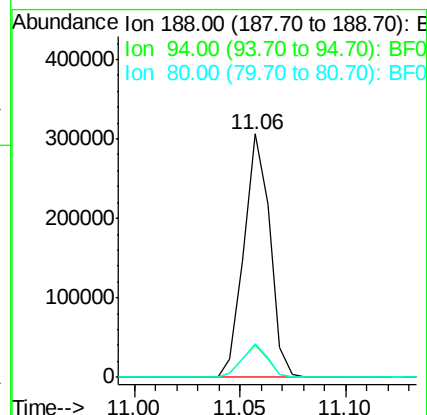
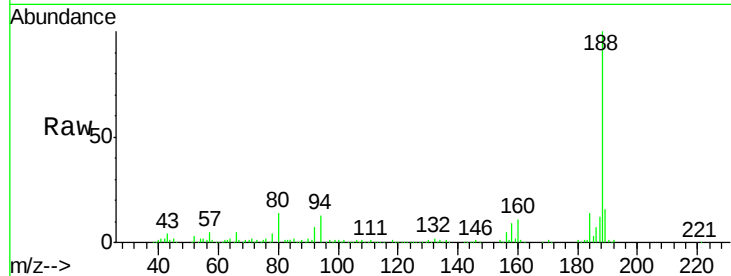




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

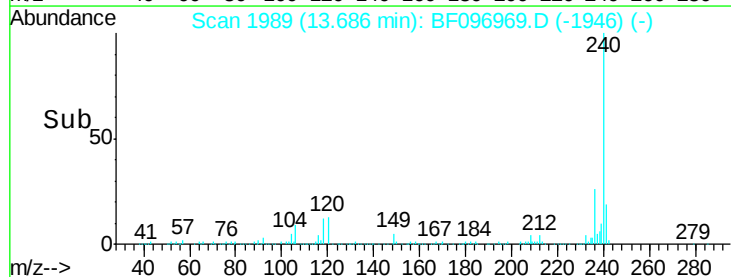
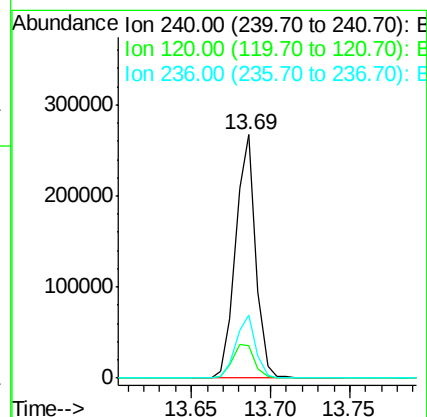
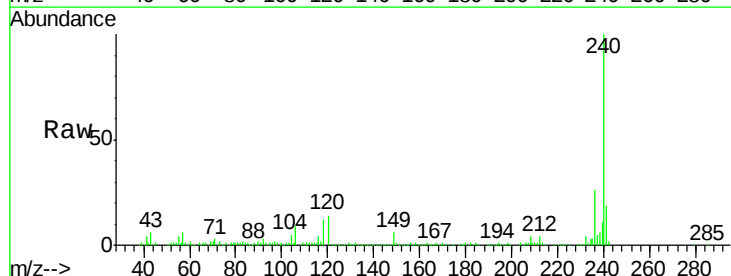
Instrument :
BNA_F
ClientSampleId :
M-COMB-3

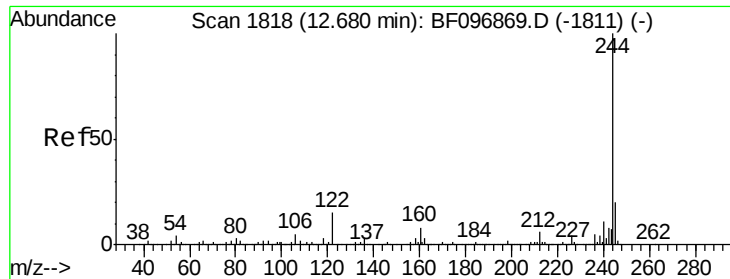
Tgt Ion:188 Resp: 259537
Ion Ratio Lower Upper
188 100
94 13.4 9.4 14.2
80 13.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

Tgt Ion:240 Resp: 234325
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.8 20.5 30.7

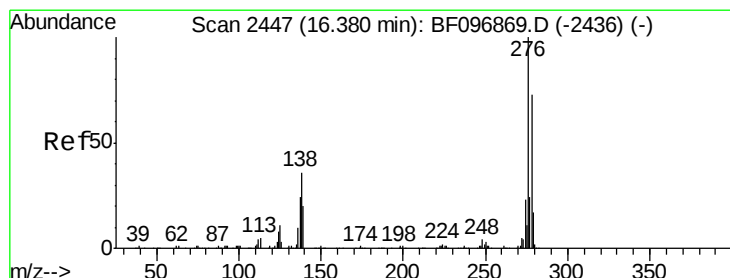
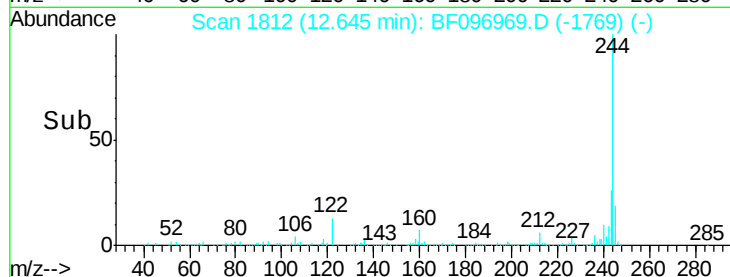
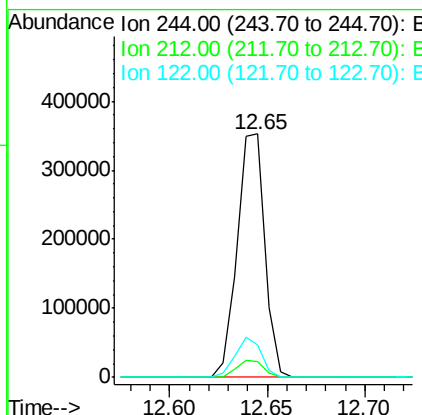
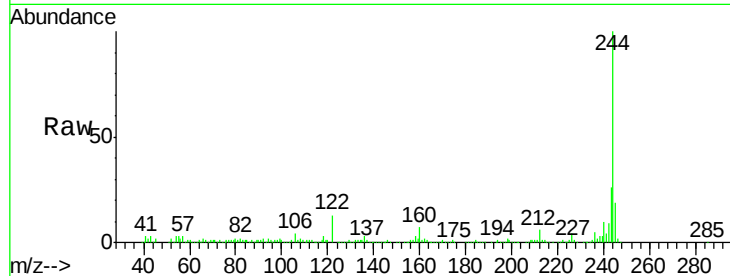




#78
 Terphenyl-d14
 Concen: 25.60 ng
 RT: 12.65 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096969.D
 Acq: 22 Jul 2017 4:39

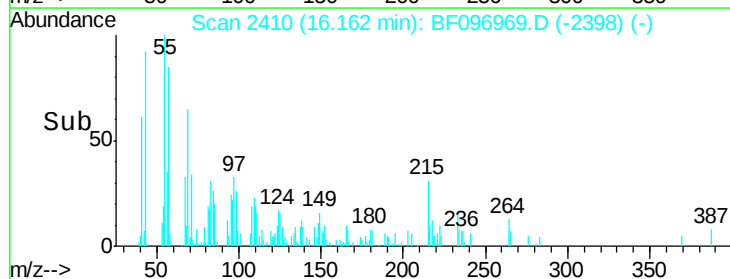
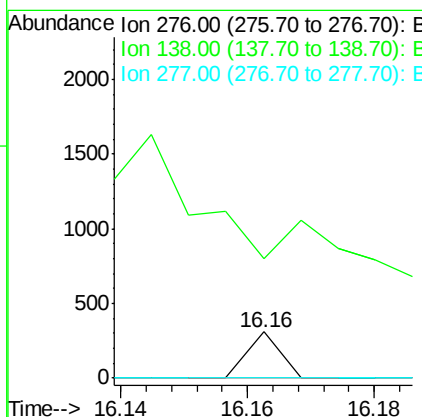
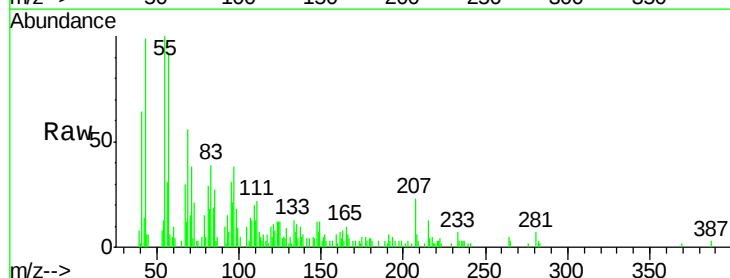
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-3

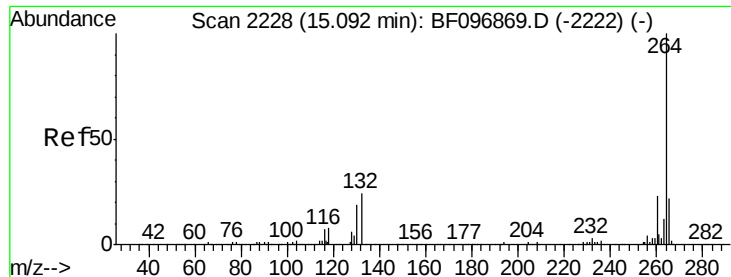
Tgt Ion: 244 Resp: 345925
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 13.4 10.3 15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.34 ng
 RT: 16.16 min Scan# 2410
 Delta R.T. -0.23 min
 Lab File: BF096969.D
 Acq: 22 Jul 2017 4:39

Tgt Ion: 276 Resp: 110
 Ion Ratio Lower Upper
 276 100
 138 4980.0 27.8 41.6#
 277 0.0 20.2 30.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

Instrument :
BNA_F
ClientSampleId :
M-COMB-3

Tgt Ion: 264 Resp: 212484
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.5 17.2 25.8

