

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 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 24 13:47:37 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

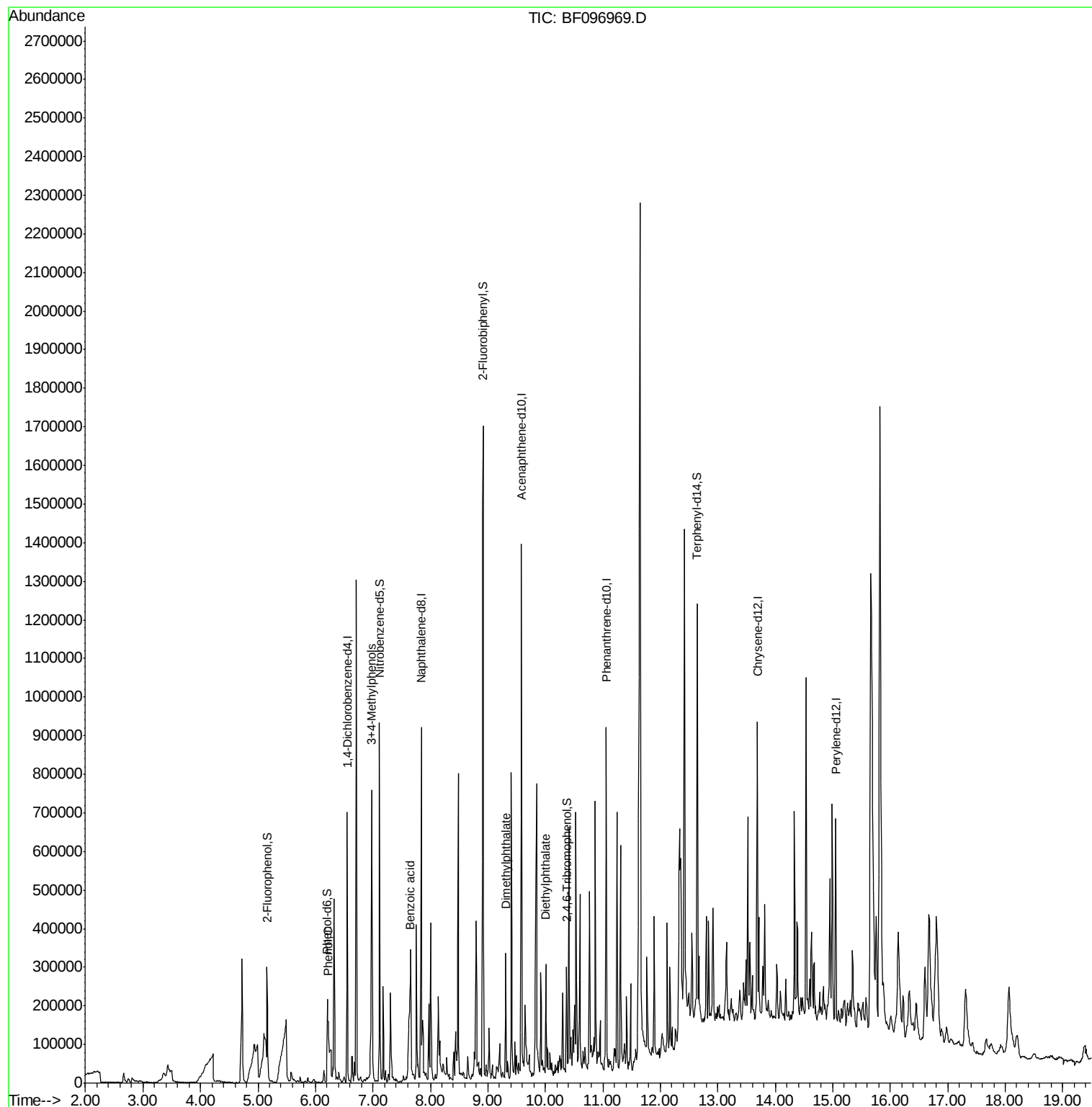
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	104529	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	426849	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	162551	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	259537	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	234325	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						
10) Phenol	6.22	94	44230	4.690	ng	93
20) 3+4-Methylphenols	6.98	107	139896	19.767	ng	# 57
32) Benzoic acid	7.65	122	43609	10.465	ng	94
49) Dimethylphthalate	9.31	163	110456	9.025	ng	97
59) Diethylphthalate	10.01	149	90792	7.620	ng	100

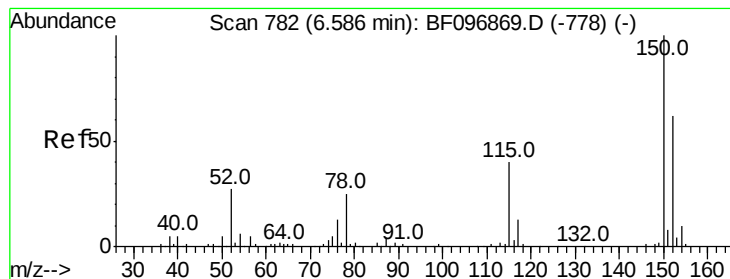
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 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

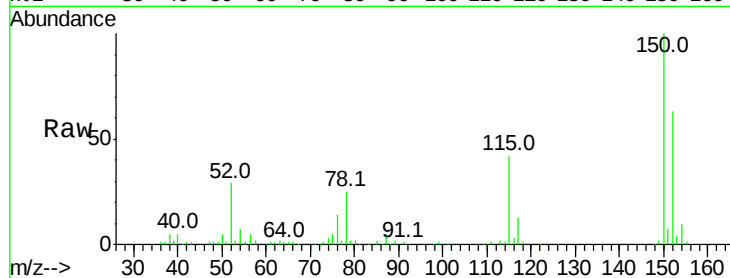
Tot Ion:152 Resp: 104529

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

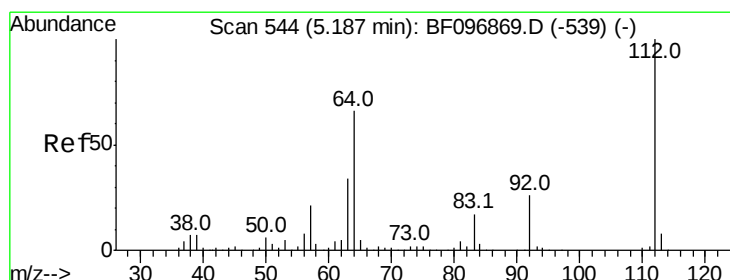
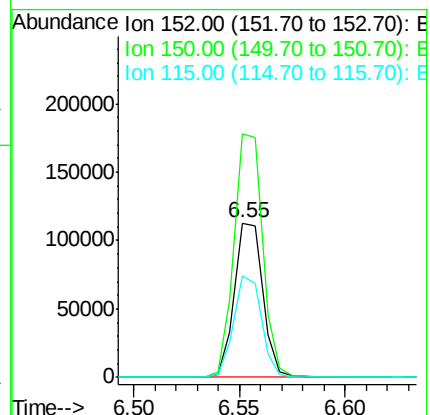
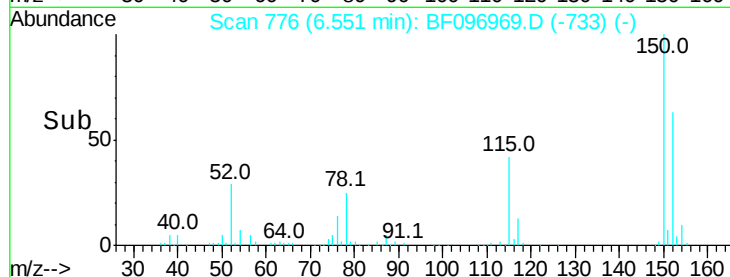
115 65.8 52.2 78.2



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: 11.762 ng

RT: 5.16 min Scan# 539

Delta R.T. -0.04 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

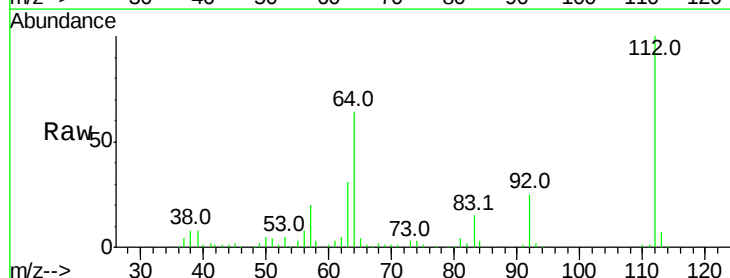
Tgt Ion:112 Resp: 81771

Ion Ratio Lower Upper

112 100

64 63.7 46.0 69.0

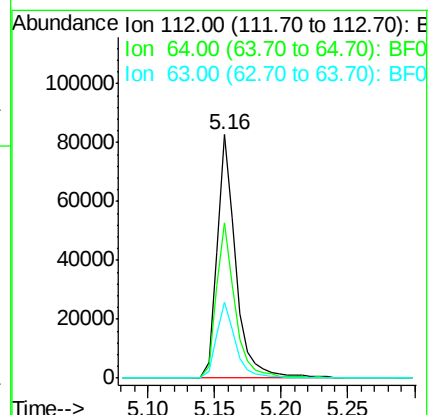
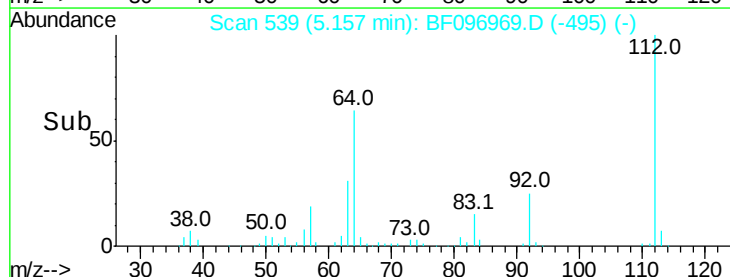
63 31.0 23.4 35.0

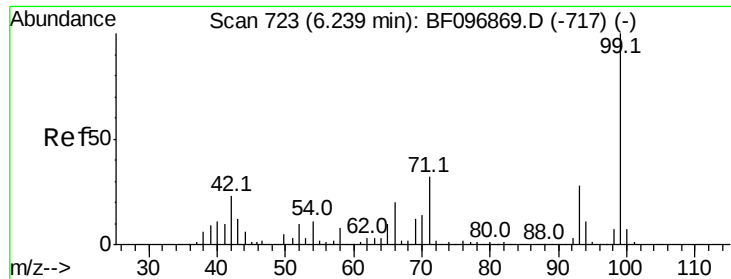


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.942 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

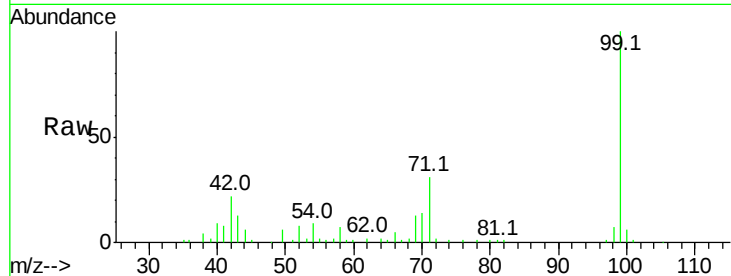
Tot Ion: 99 Resp: 66255

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

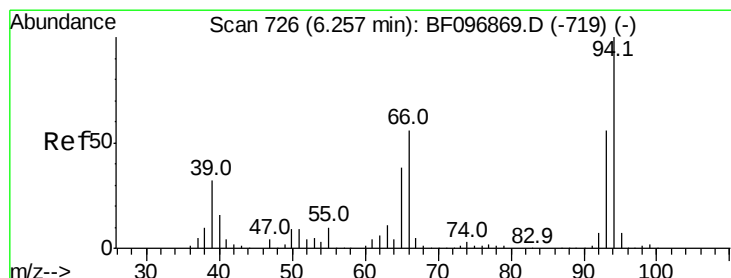
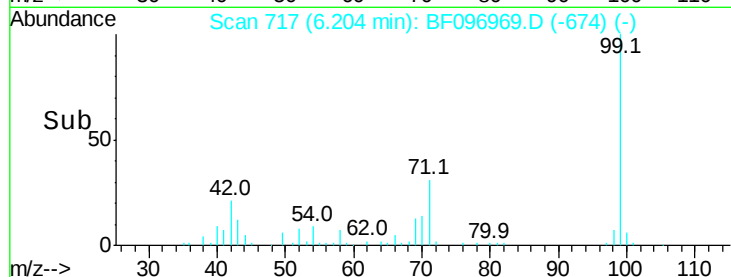
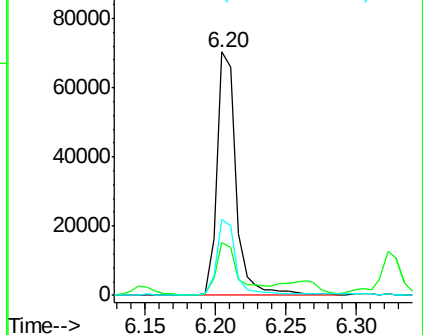
71 31.2 24.5 36.7



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: 4.690 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

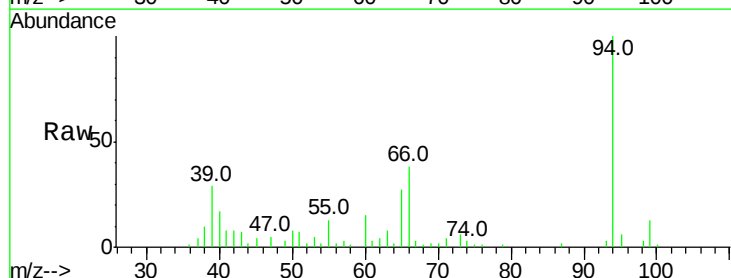
Tgt Ion: 94 Resp: 44230

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

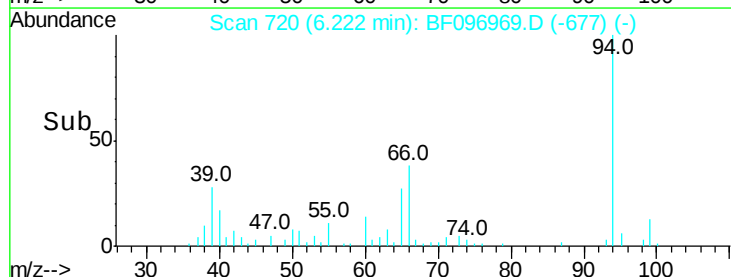
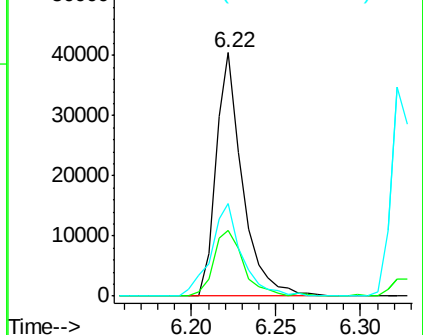
66 38.0 23.1 63.1

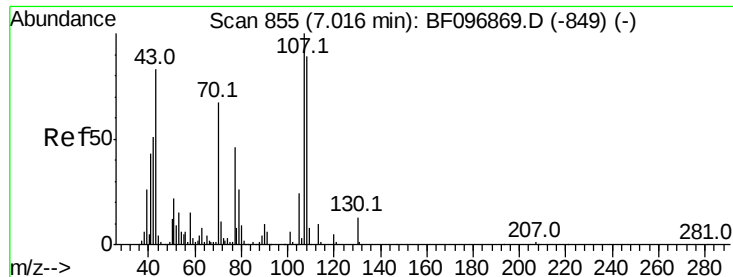


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 19.767 ng

RT: 6.98 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

Tot Ion:107 Resp: 139896

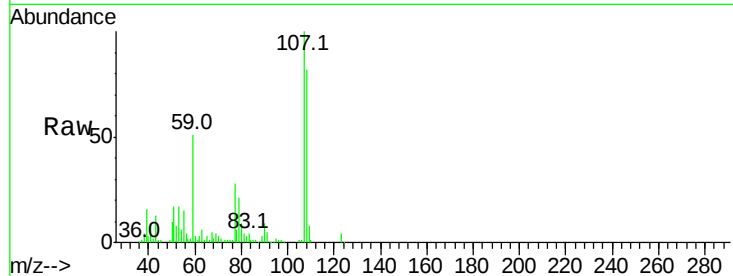
Ion Ratio Lower Upper

107 100

108 81.6 71.0 111.0

77 28.1 90.5 130.5#

79 20.6 8.4 48.4

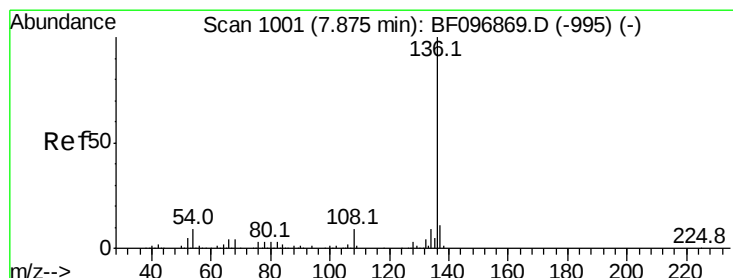
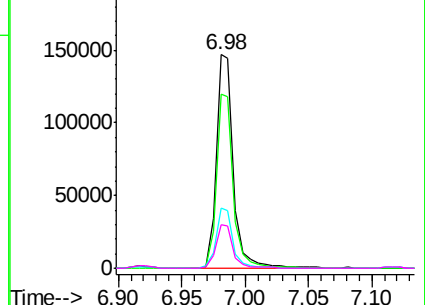
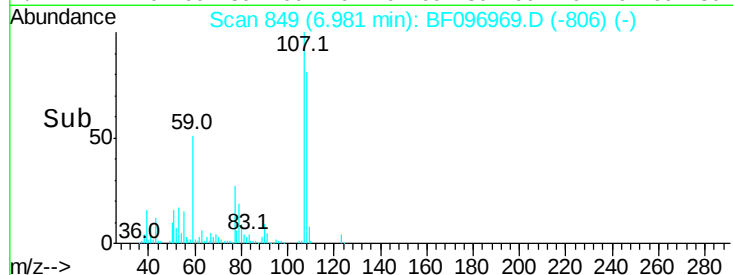


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF096969.D

Acq: 22 Jul 2017 4:39

Tgt Ion:136 Resp: 426849

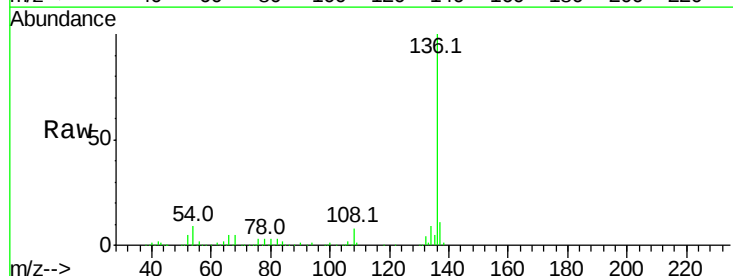
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.5 4.9 7.3#

68 5.0 4.1 6.1

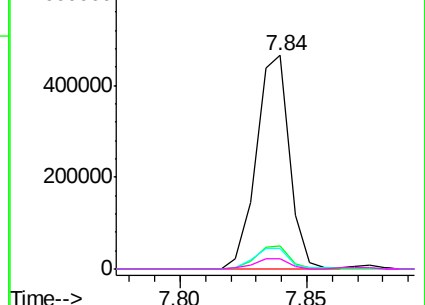
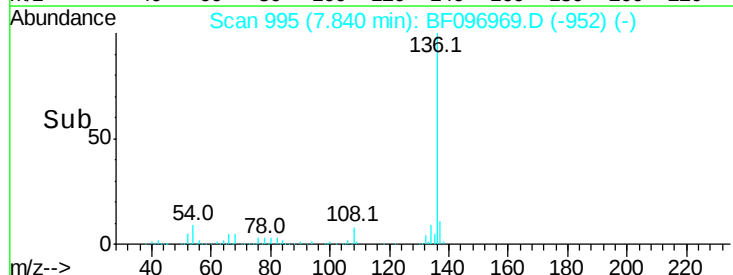


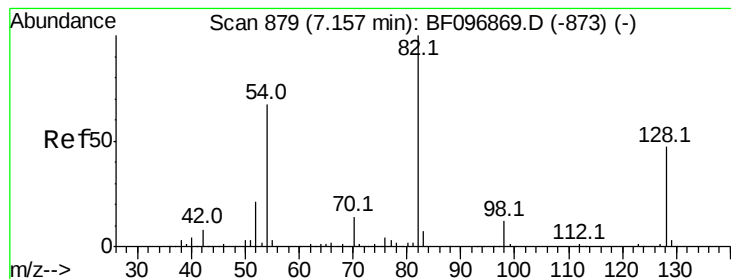
Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.377 ng

RT: 7.12 min Scan# 872

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

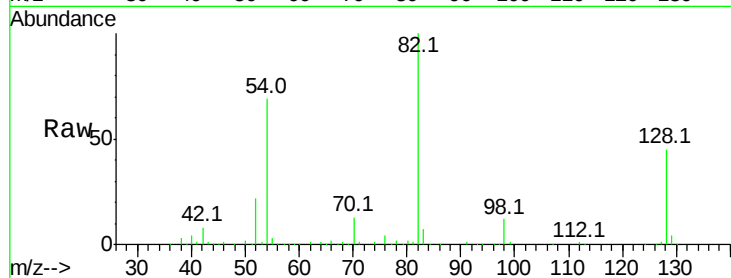
Tot Ion: 82 Resp: 271354

Ion Ratio Lower Upper

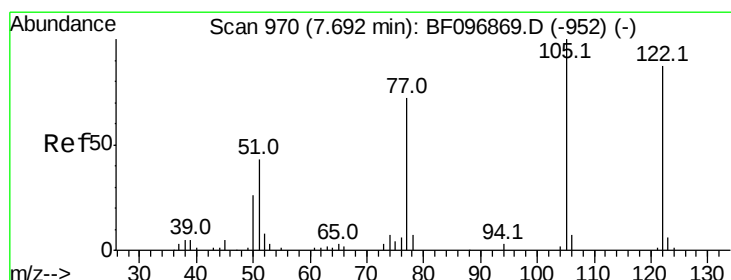
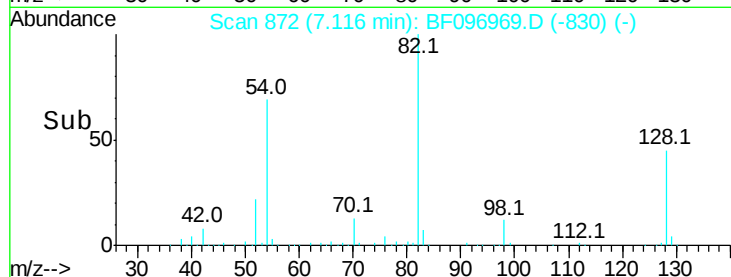
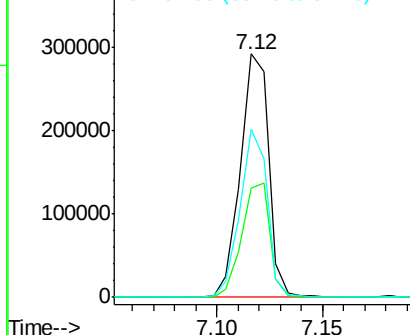
82 100

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



#32

Benzoic acid

Concen: 10.465 ng

RT: 7.65 min Scan# 962

Delta R.T. -0.06 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

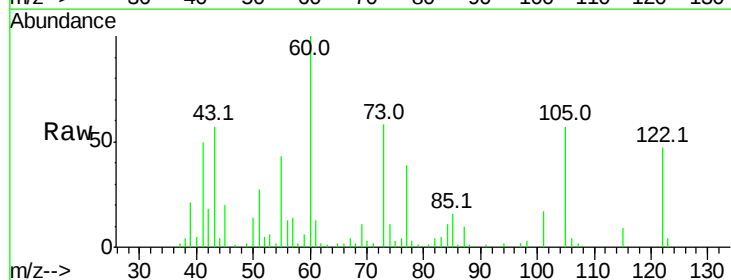
Tgt Ion:122 Resp: 43609

Ion Ratio Lower Upper

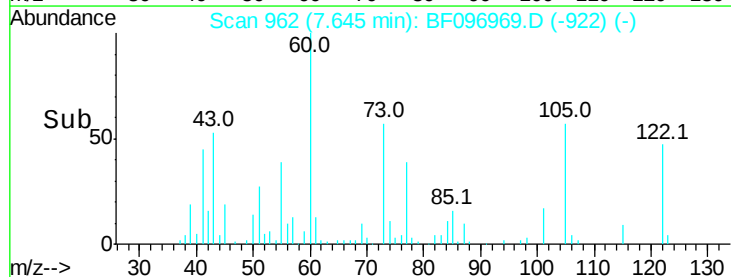
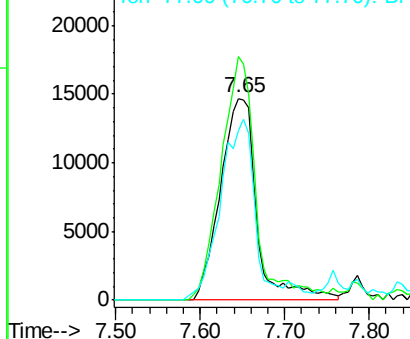
122 100

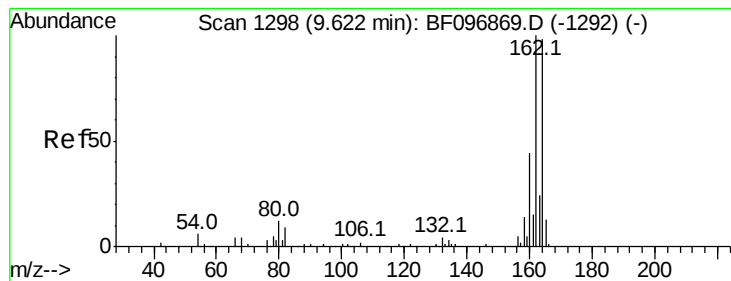
105 120.6 103.3 143.3

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: 20.000 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

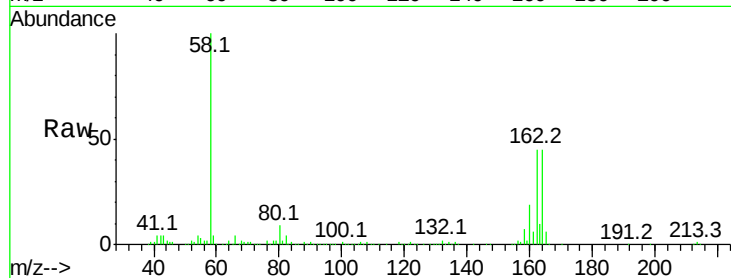
Tot Ion:164 Resp: 162551

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

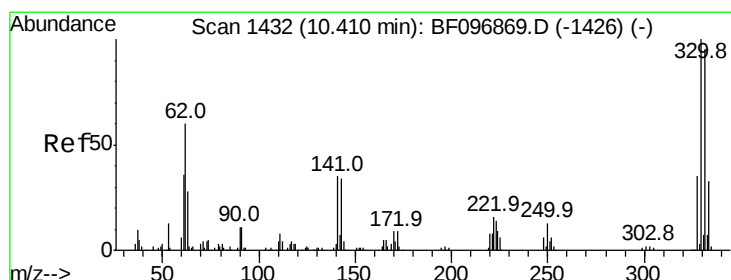
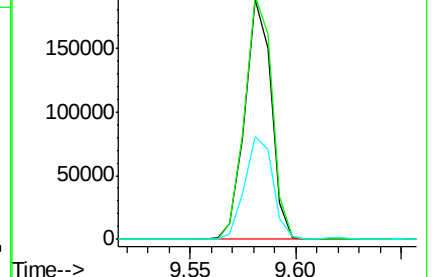
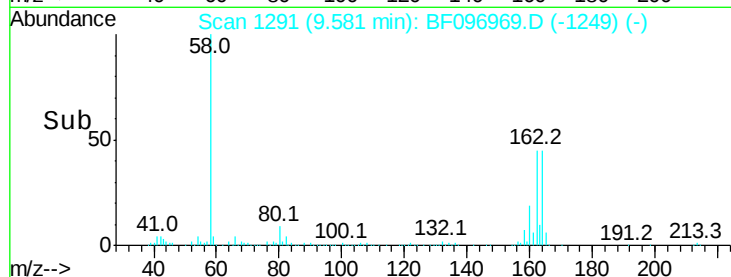
160 42.9 36.2 54.2



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: 17.247 ng

RT: 10.37 min Scan# 1425

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

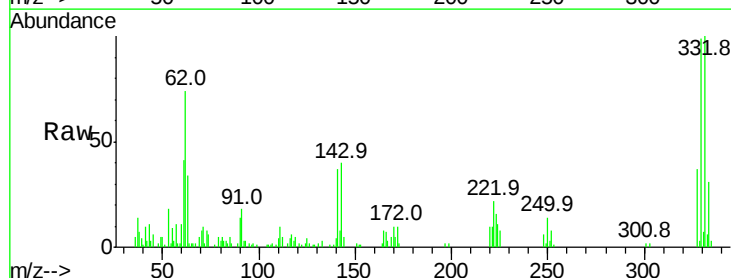
Tgt Ion:330 Resp: 23931

Ion Ratio Lower Upper

330 100

332 98.2 76.6 115.0

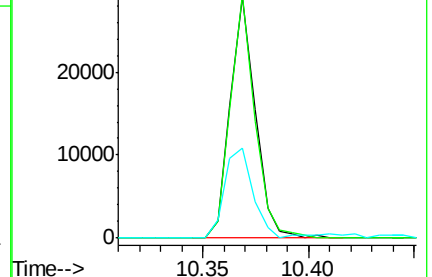
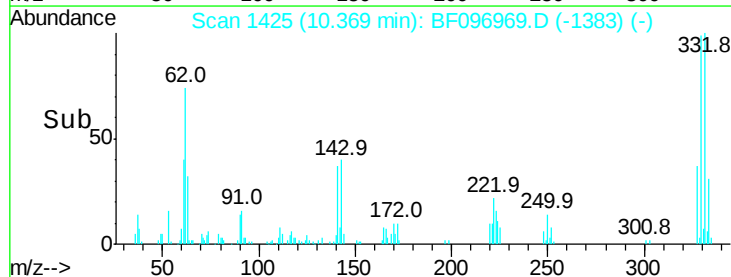
141 42.3 31.4 47.2

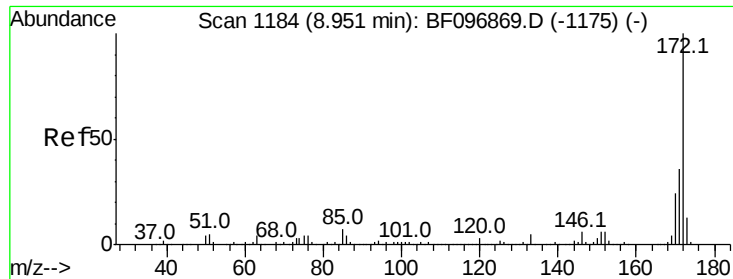


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

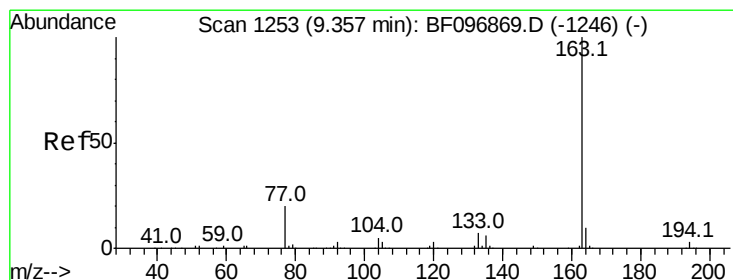
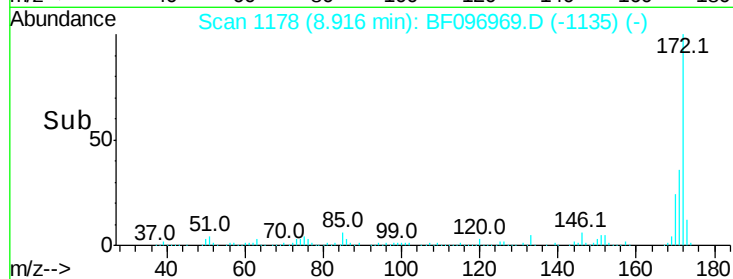
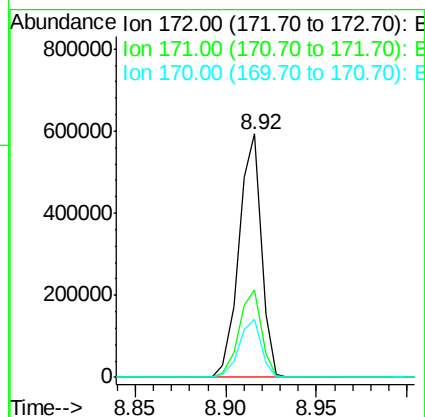
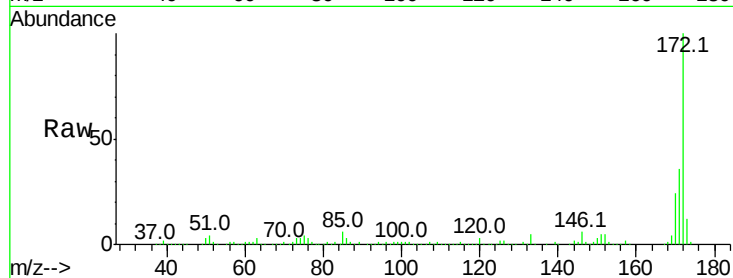




#44
2-Fluorobiphenyl
Concen: 49.721 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

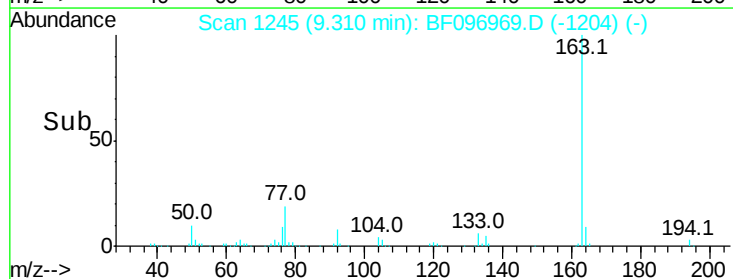
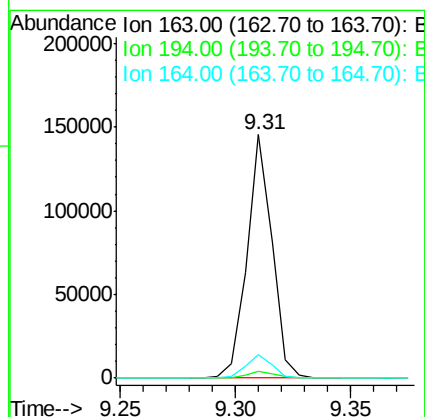
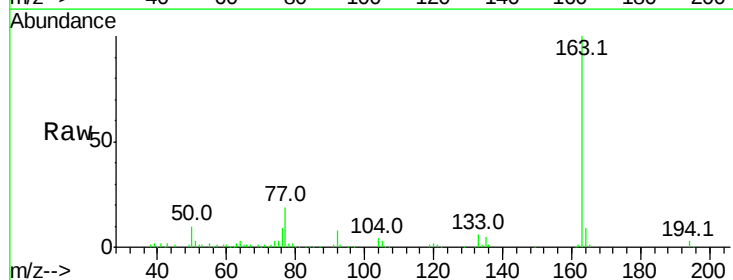
Instrument :
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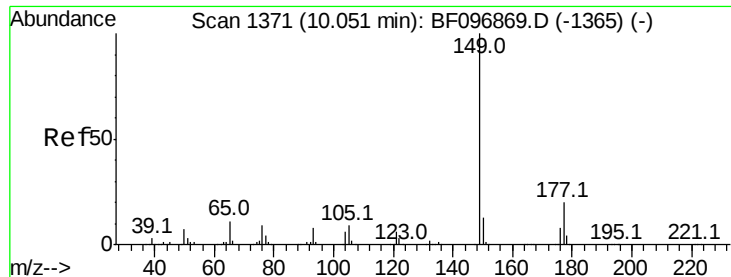
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8



#49
Dimethylphthalate
Concen: 9.025 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

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

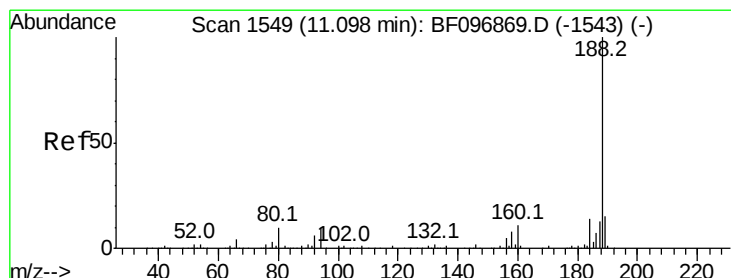
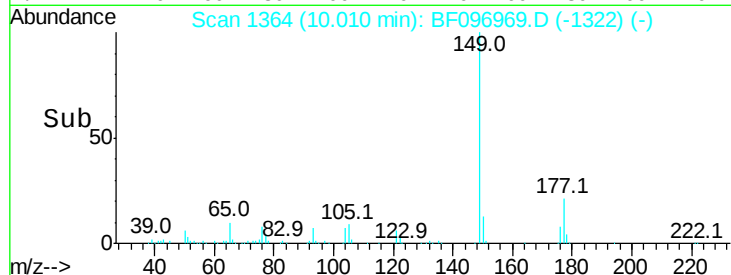
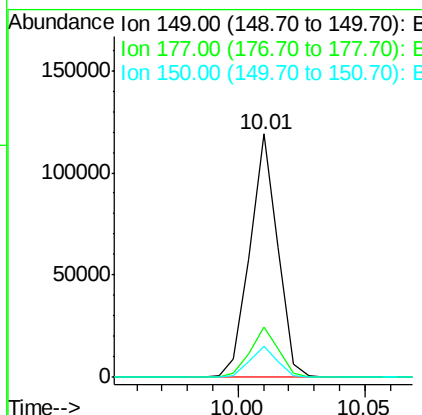
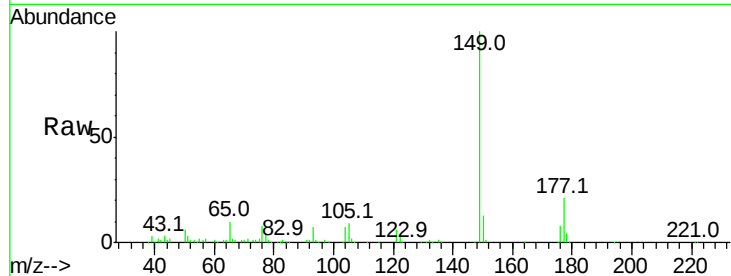




#59
Diethylphthalate
Concen: 7.620 ng
RT: 10.01 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

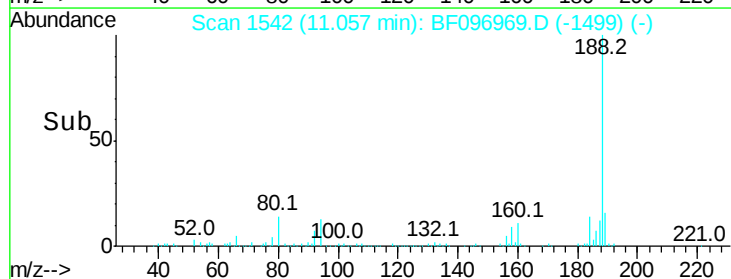
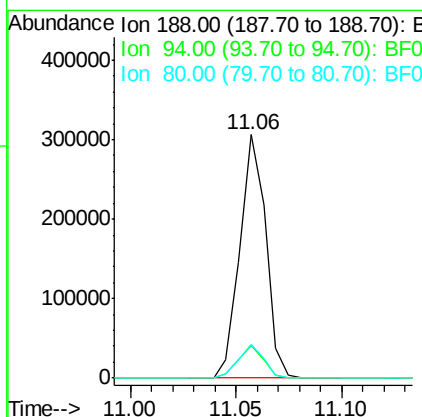
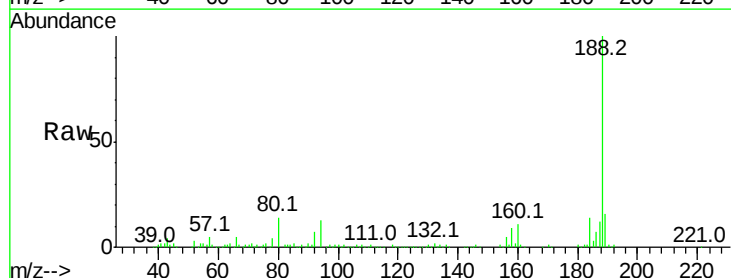
Instrument :
BNA_F
ClientSampleId :
M-COMB-3

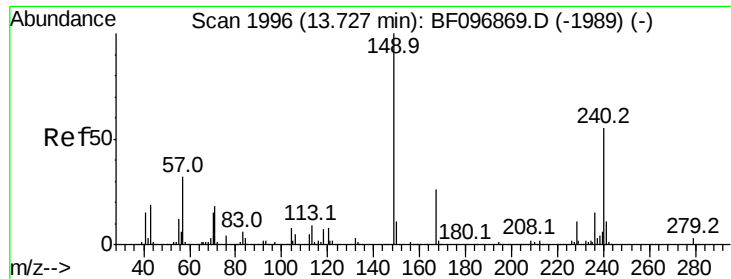
Tot Ion:149 Resp: 90792
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.7 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

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: 20.000 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

Instrument :

BNA_F

ClientSampleId :

M-COMB-3

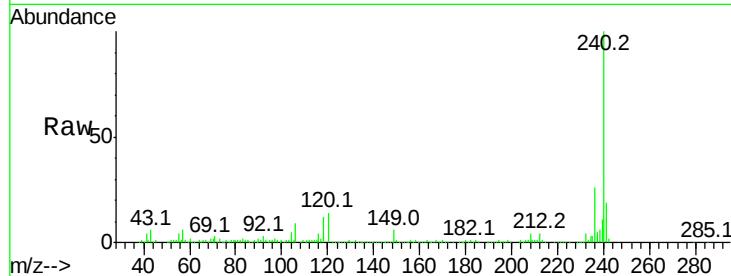
Tot Ion:240 Resp: 234325

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

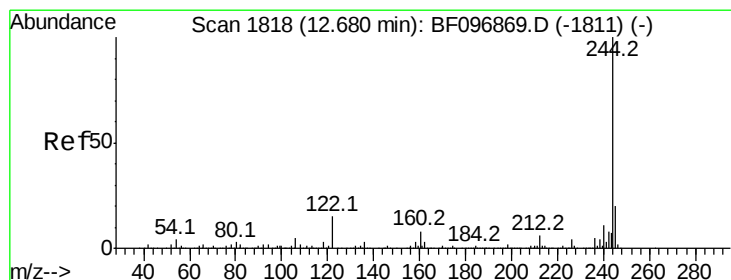
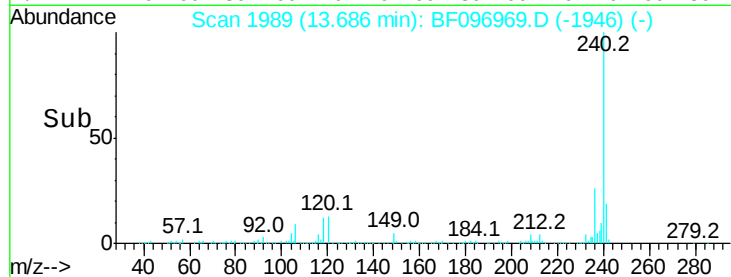
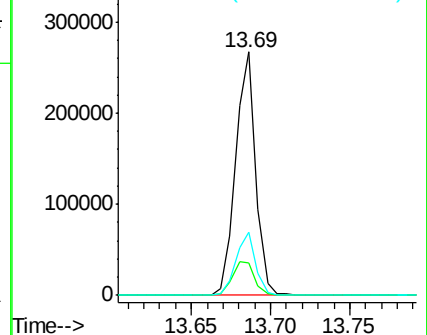
236 25.8 20.5 30.7



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: 25.602 ng

RT: 12.65 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096969.D

Acq: 22 Jul 2017 4:39

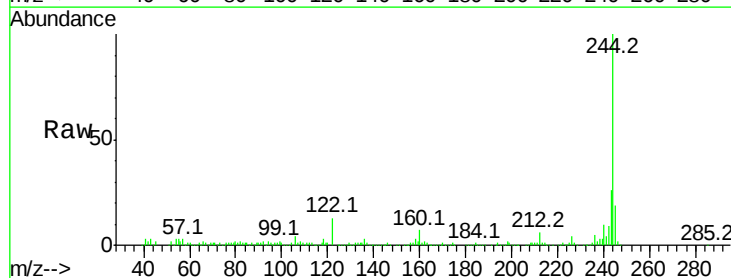
Tgt Ion:244 Resp: 345925

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

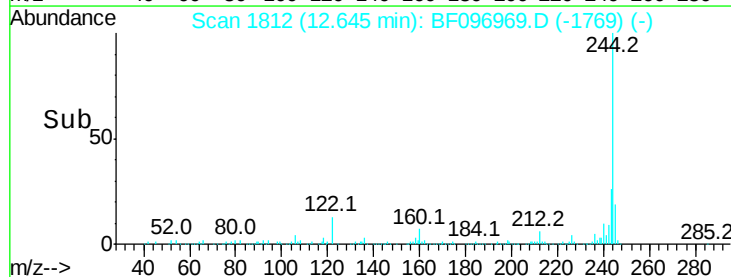
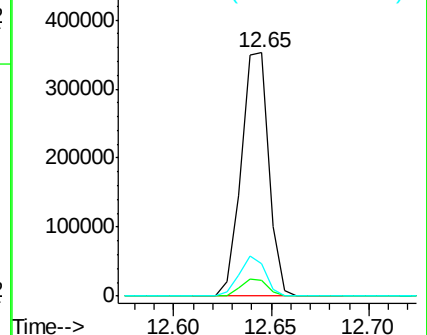
122 13.4 10.3 15.5

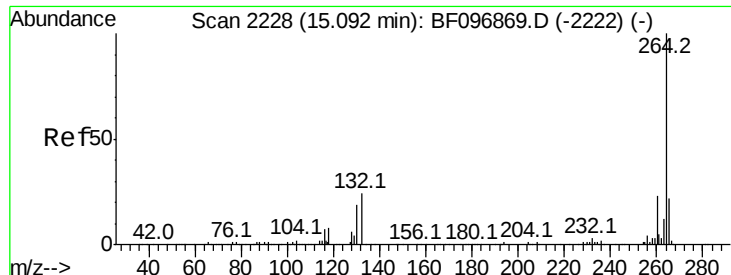


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

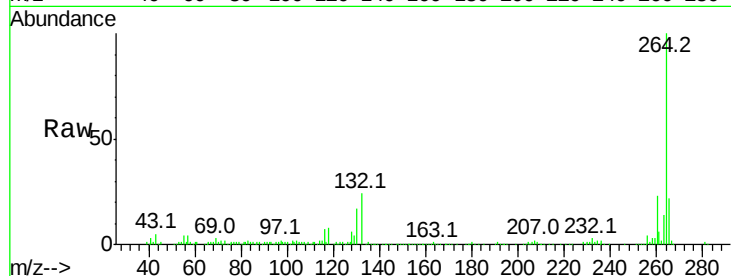




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096969.D
Acq: 22 Jul 2017 4:39

Instrument :
BNA_F
ClientSampleId :
M-COMB-3

Tot Ion:264 Resp: 212484
Ion Ratio Lower Upper
264 100
260 23.2 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

