

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096973.D
 Acq On : 22 Jul 2017 6:29
 Operator : SJ/JU
 Sample : I4313-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-8

Quant Time: Jul 24 14:06:28 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

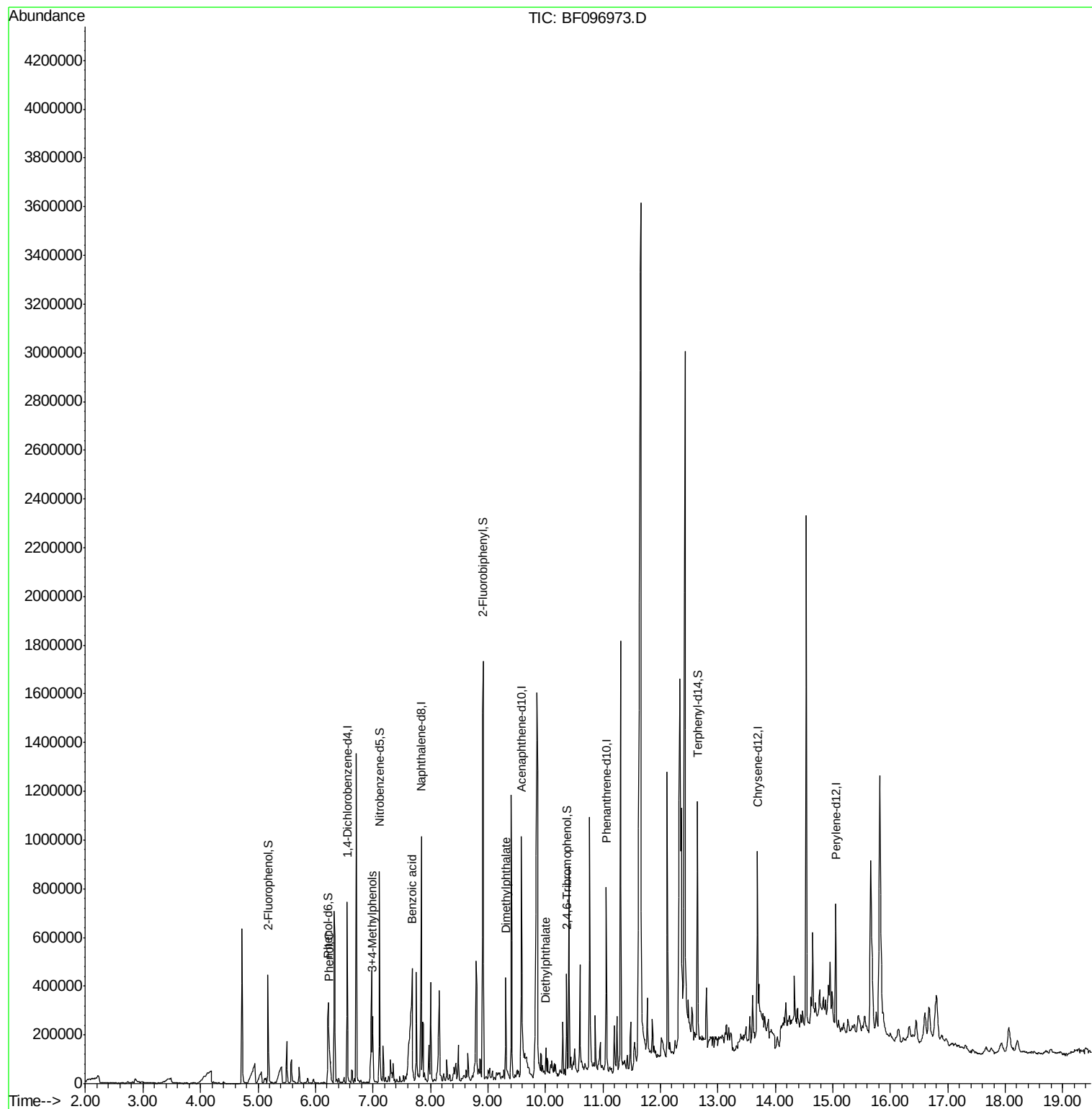
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	117054	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	461662	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	201278	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	279541	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	220572	20.00	ng	-0.05
86) Perylene-d12	15.05	264	202911	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	125111	16.07	ng	-0.02
7) Phenol-d6	6.22	99	97183	10.40	ng	-0.03
23) Nitrobenzene-d5	7.12	82	251174	33.70	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	38717	22.54	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	517795	40.64	ng	-0.05
78) Terphenyl-d14	12.65	244	271591	21.35	ng	-0.05
Target Compounds						
10) Phenol	6.23	94	35730	3.383	ng	95
20) 3+4-Methylphenols	6.99	107	66929	8.445	ng	# 56
32) Benzoic acid	7.67	122	126443	28.056	ng	94
49) Dimethylphthalate	9.31	163	130444	8.607	ng	99
59) Diethylphthalate	10.01	149	35585	2.412	ng	99

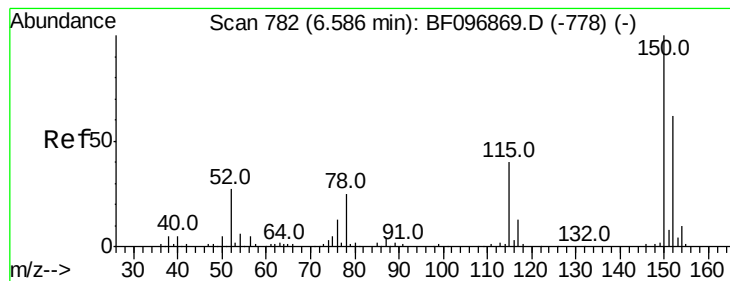
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096973.D

Acq: 22 Jul 2017 6:29

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BNA_F

ClientSampleId :

M-COMB-8

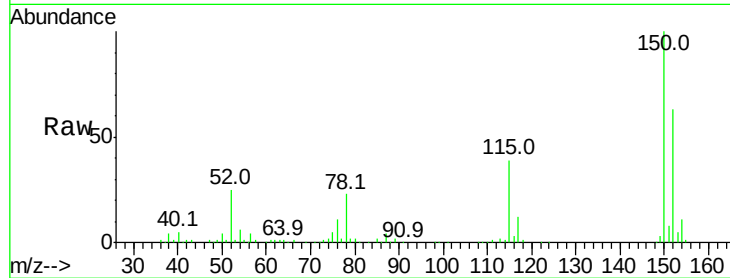
Tot Ion:152 Resp: 117054

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

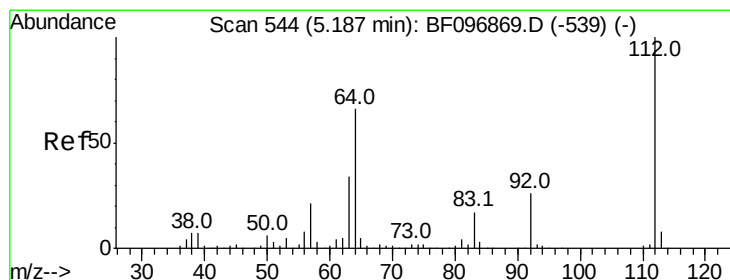
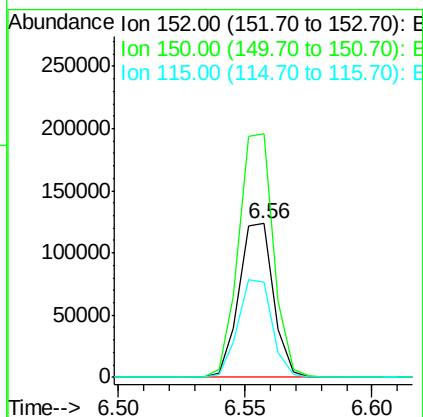
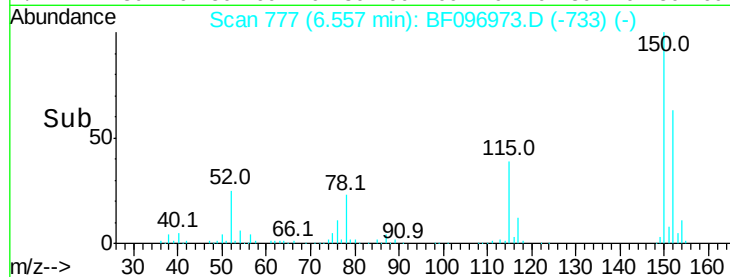
115 61.8 52.2 78.2



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: 16.071 ng

RT: 5.17 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

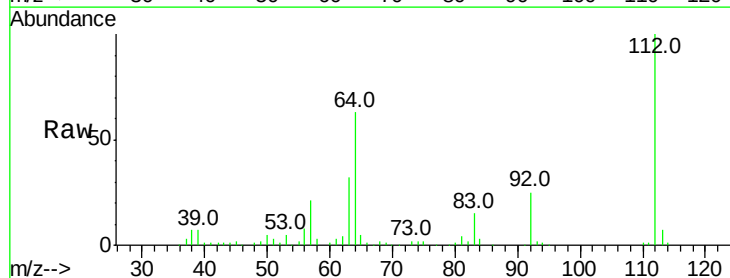
Tgt Ion:112 Resp: 125111

Ion Ratio Lower Upper

112 100

64 63.0 46.0 69.0

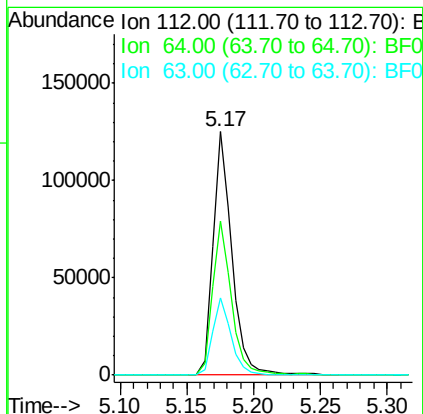
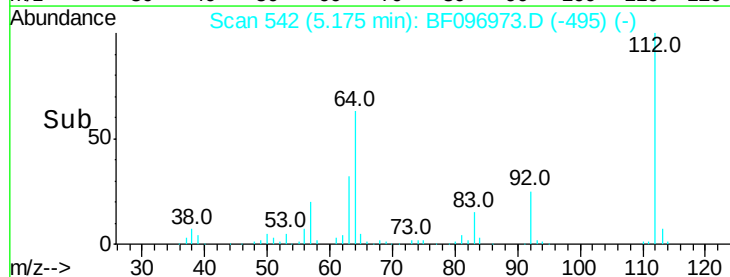
63 31.7 23.4 35.0

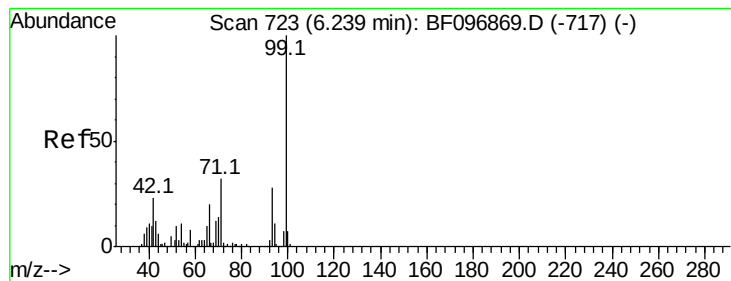


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.403 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

Instrument :

BNA_F

ClientSampleId :

M-COMB-8

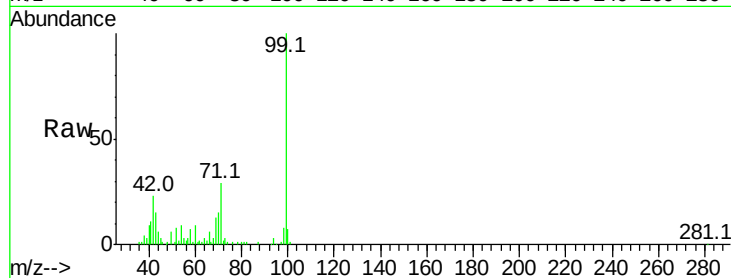
Tot Ion: 99 Resp: 97183

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

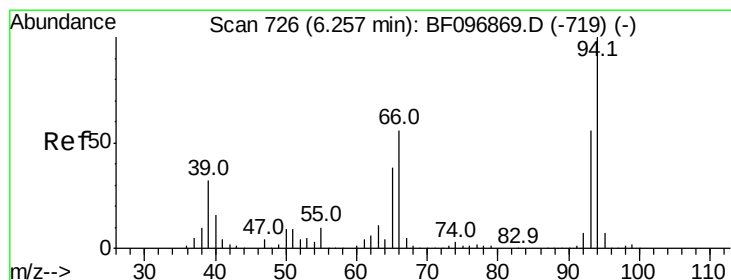
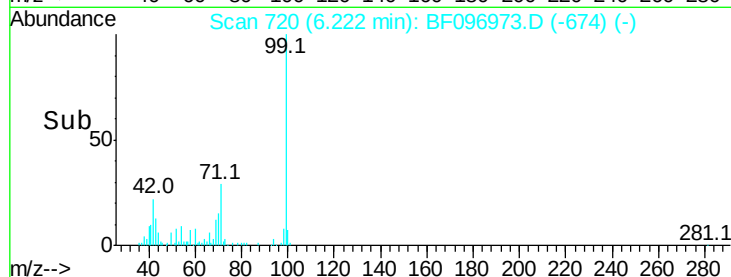
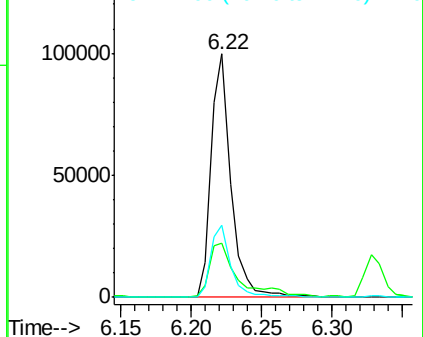
71 29.4 24.5 36.7



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: 3.383 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

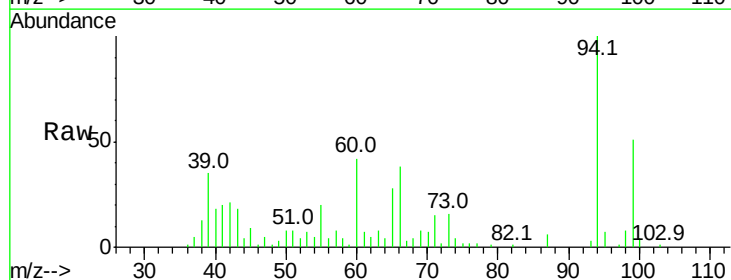
Tgt Ion: 94 Resp: 35730

Ion Ratio Lower Upper

94 100

65 28.4 9.9 49.9

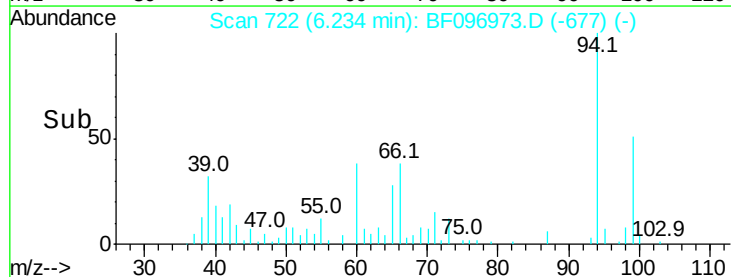
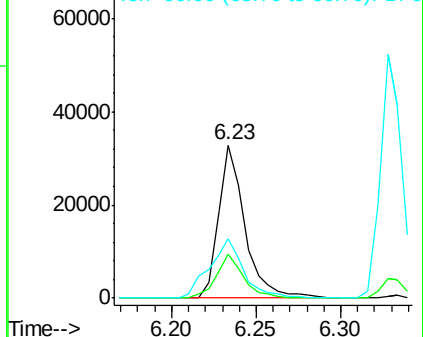
66 38.5 23.1 63.1

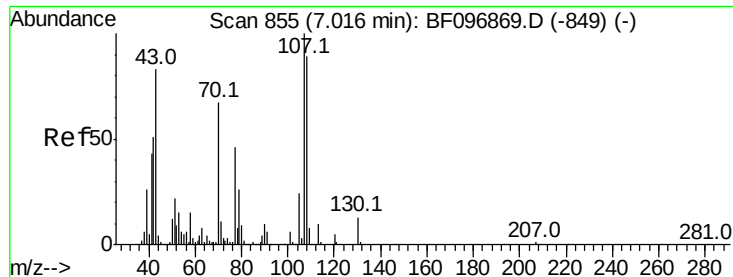


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 8.445 ng

RT: 6.99 min Scan# 851

Delta R.T. -0.04 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

Instrument :

BNA_F

ClientSampleId :

M-COMB-8

Tot Ion:107 Resp: 66929

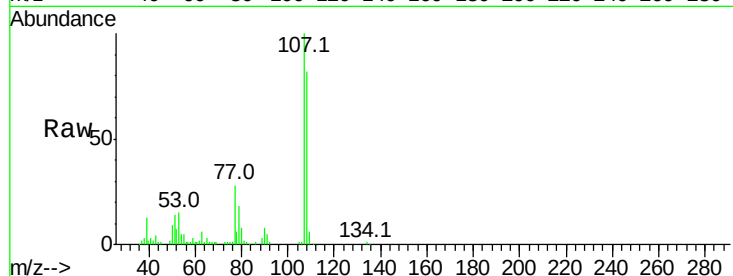
Ion Ratio Lower Upper

107 100

108 82.4 71.0 111.0

77 27.5 90.5 130.5#

79 18.1 8.4 48.4

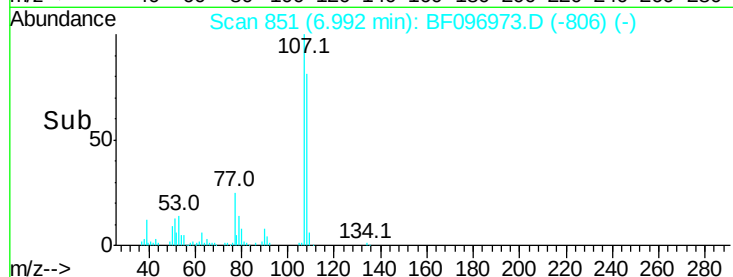


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

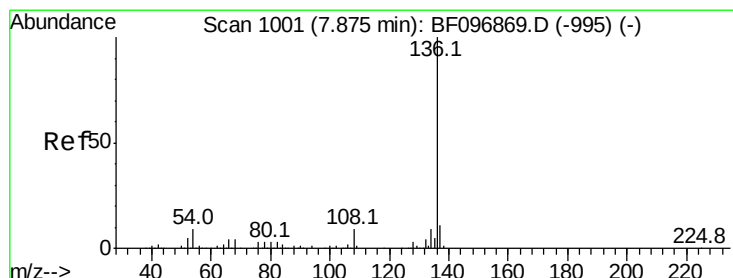
Ion 79.00 (78.70 to 79.70): BF0



Abundance

6.99

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

Tgt Ion:136 Resp: 461662

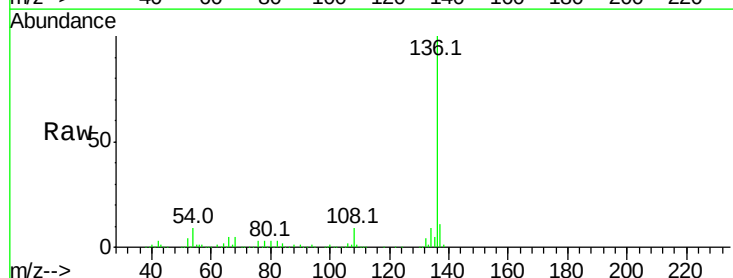
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.5 4.9 7.3#

68 4.7 4.1 6.1

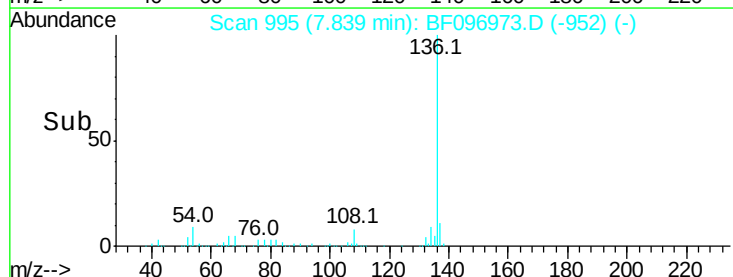


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

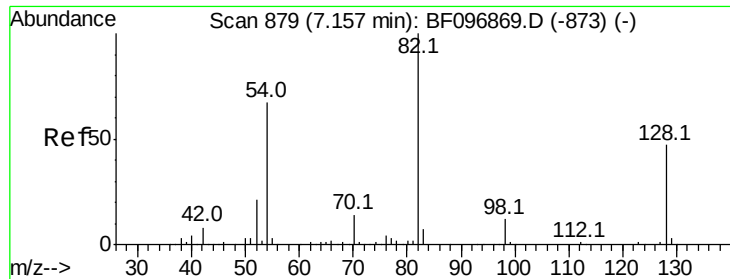
Ion 68.00 (67.70 to 68.70): BF0



Abundance

7.84

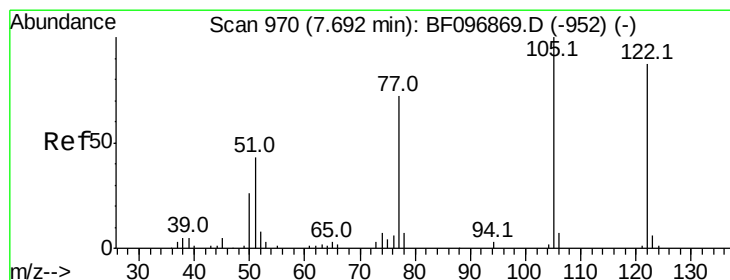
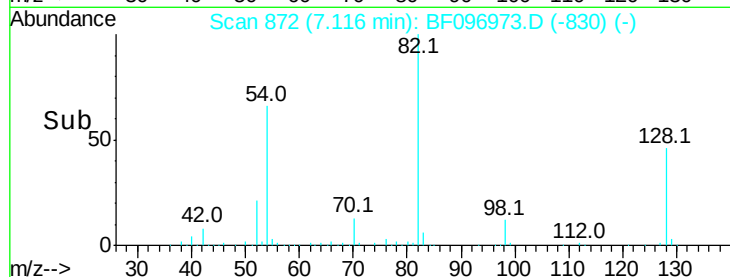
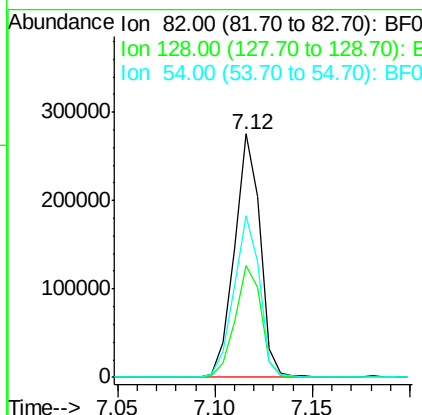
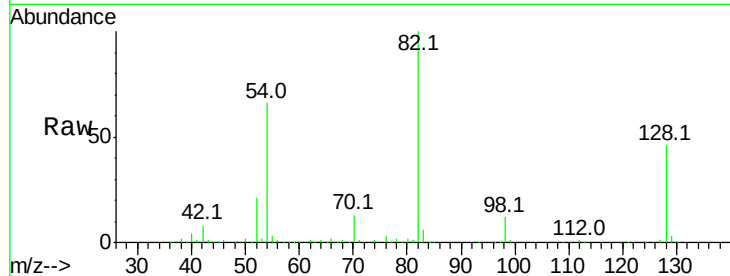
Time-->



#23
 Nitrobenzene-d5
 Concen: 33.700 ng
 RT: 7.12 min Scan# 872
 Delta R.T. -0.05 min
 Lab File: BF096973.D
 Acq: 22 Jul 2017 6:29

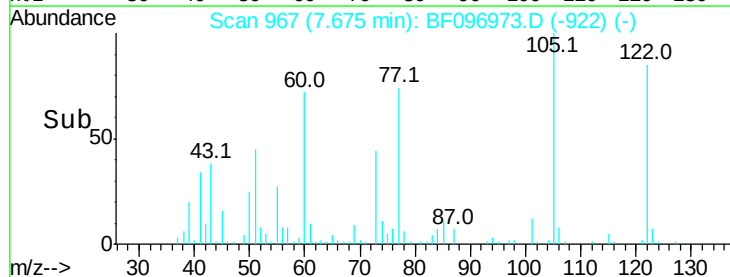
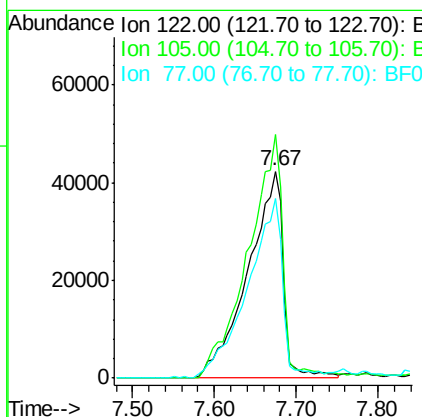
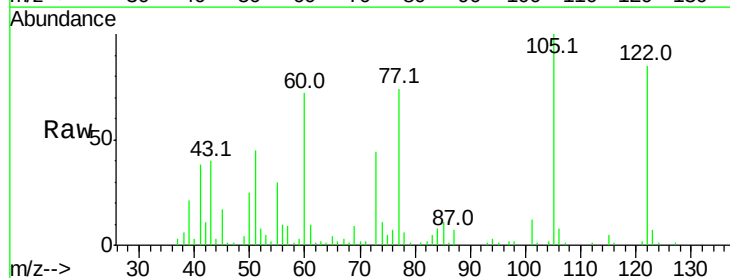
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-8

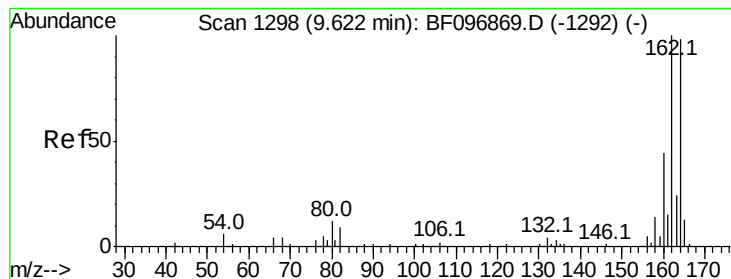
Tot Ion: 82 Resp: 251174
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 66.3 42.2 63.2#



#32
 Benzoic acid
 Concen: 28.056 ng
 RT: 7.67 min Scan# 967
 Delta R.T. -0.04 min
 Lab File: BF096973.D
 Acq: 22 Jul 2017 6:29

Tgt Ion: 122 Resp: 126443
 Ion Ratio Lower Upper
 122 100
 105 117.8 103.3 143.3
 77 87.0 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

Instrument :

BNA_F

ClientSampleId :

M-COMB-8

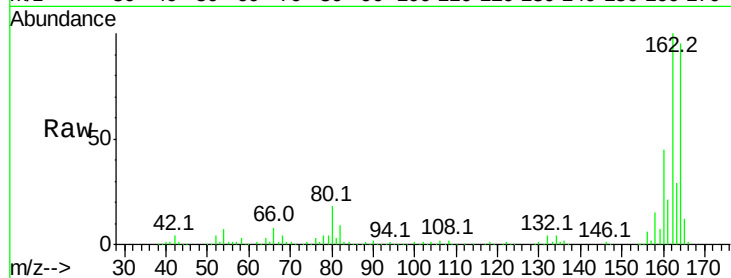
Tot Ion:164 Resp: 201278

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

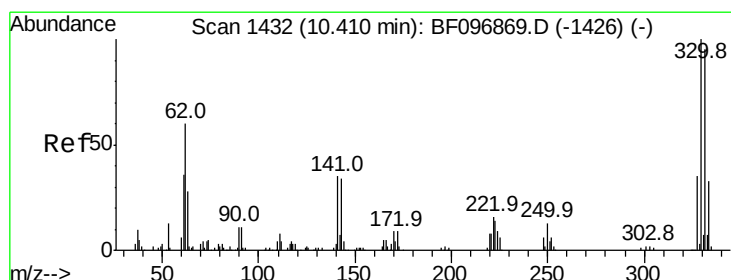
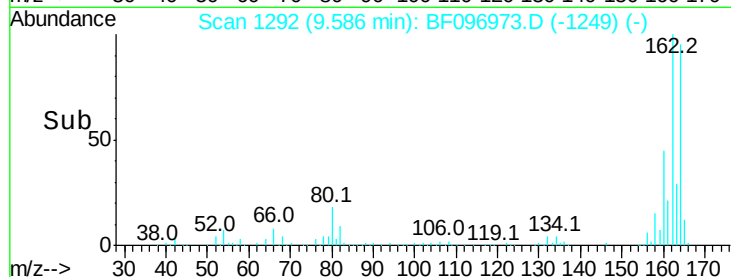
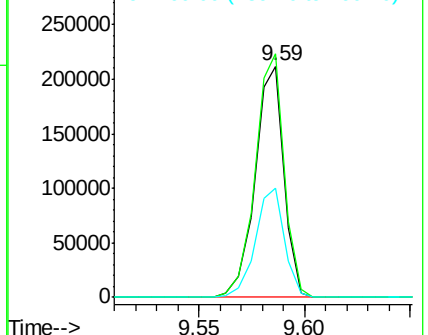
160 47.1 36.2 54.2



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: 22.535 ng

RT: 10.37 min Scan# 1426

Delta R.T. -0.05 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

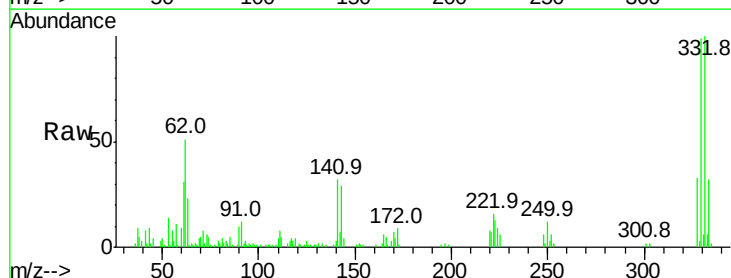
Tgt Ion:330 Resp: 38717

Ion Ratio Lower Upper

330 100

332 98.9 76.6 115.0

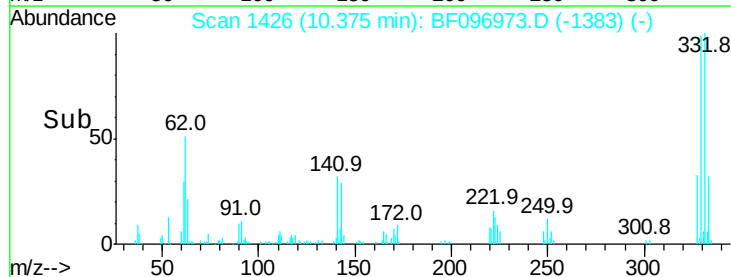
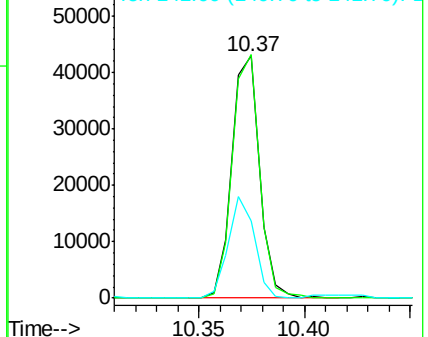
141 39.6 31.4 47.2

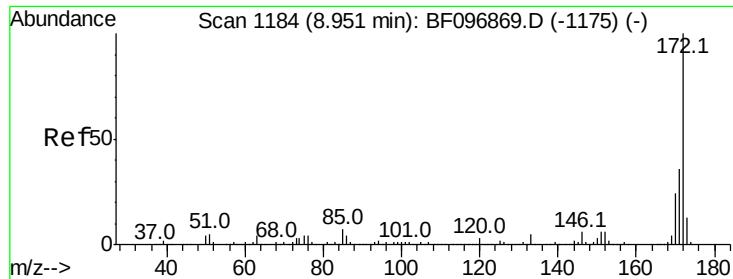


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

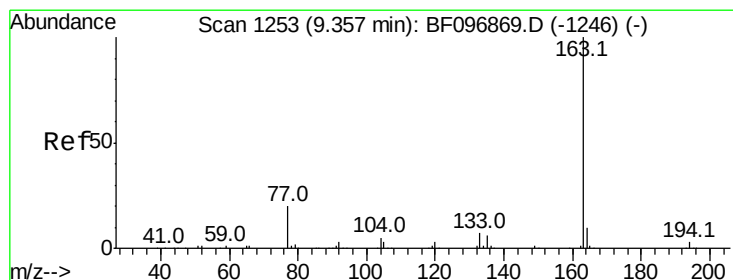
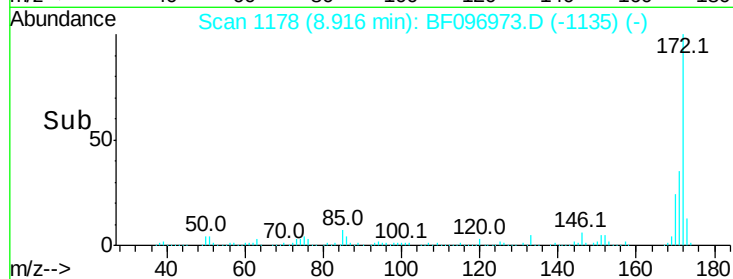
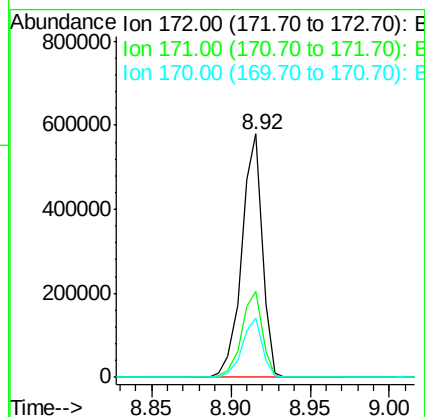
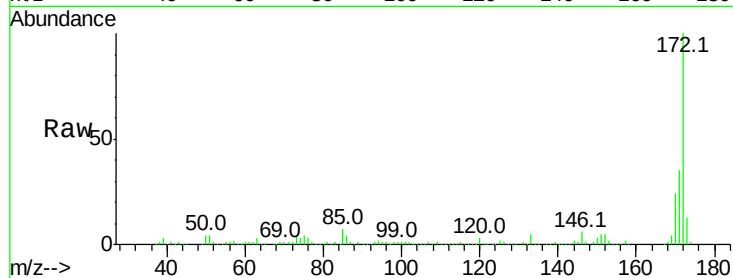




#44
2-Fluorobiphenyl
Concen: 40.644 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096973.D
Acq: 22 Jul 2017 6:29

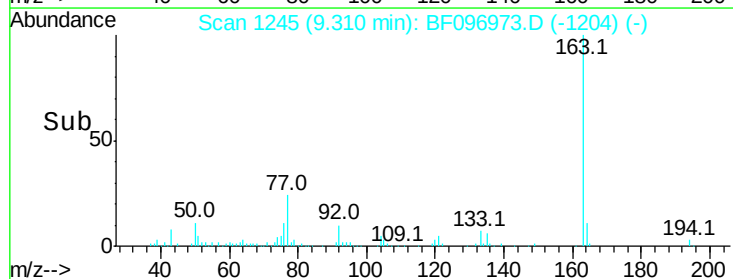
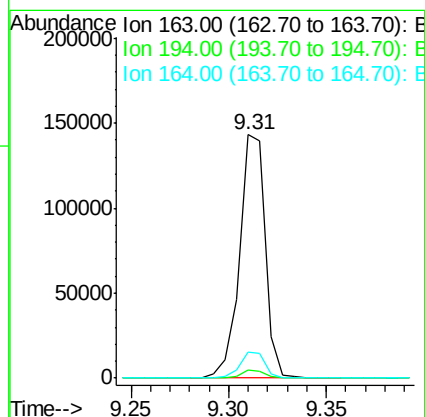
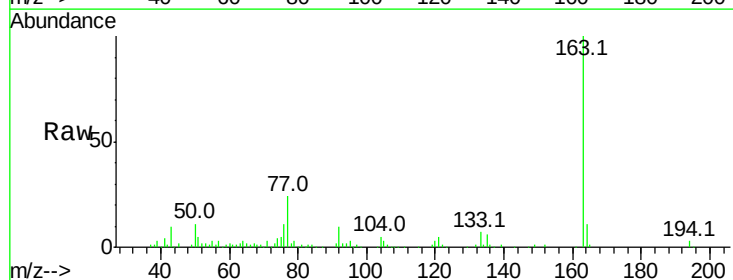
Instrument :
BNA_F
ClientSampleId :
M-COMB-8

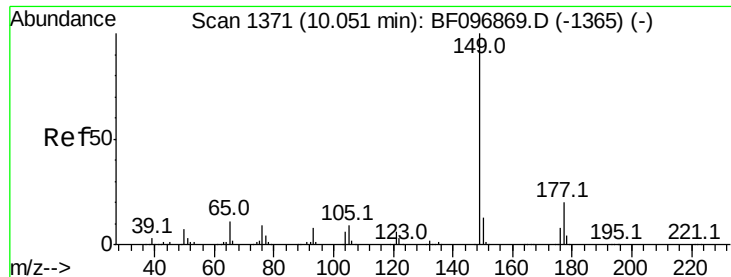
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.3	19.8	29.8



#49
Dimethylphthalate
Concen: 8.607 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096973.D
Acq: 22 Jul 2017 6:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.9	8.4	12.6

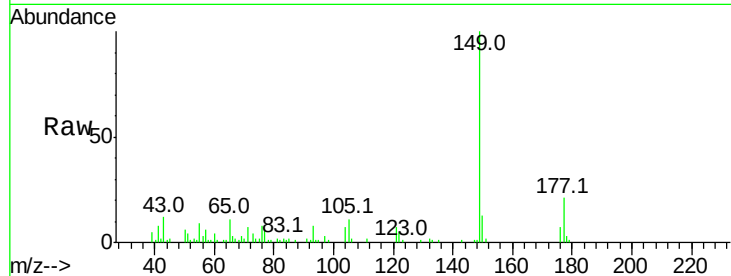




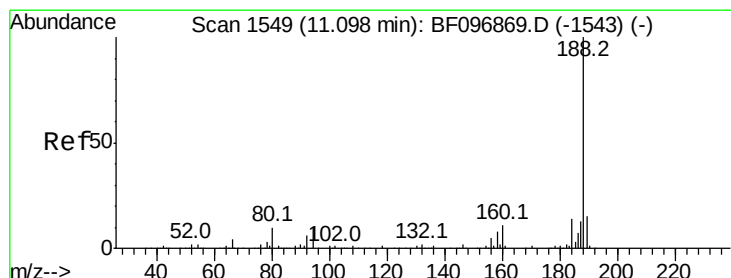
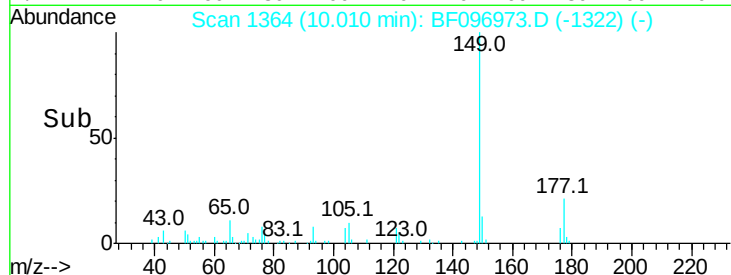
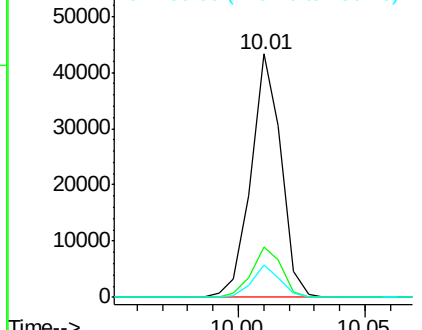
#59
Diethylphthalate
Concen: 2.412 ng
RT: 10.01 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF096973.D
Acq: 22 Jul 2017 6:29

Instrument :
BNA_F
ClientSampleId :
M-COMB-8

Tot Ion:149 Resp: 35585
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 13.1 10.2 15.2

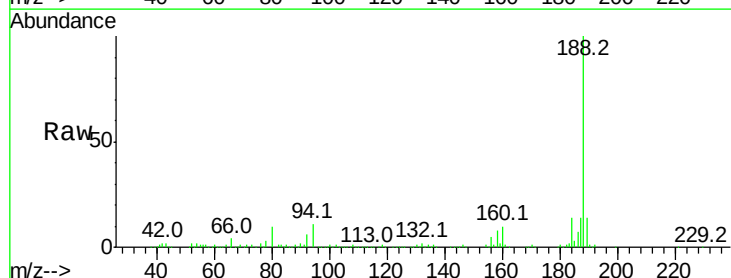


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

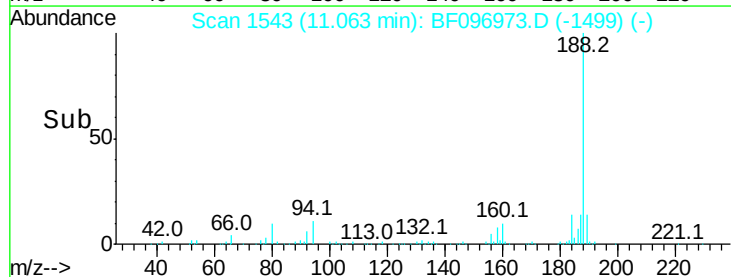
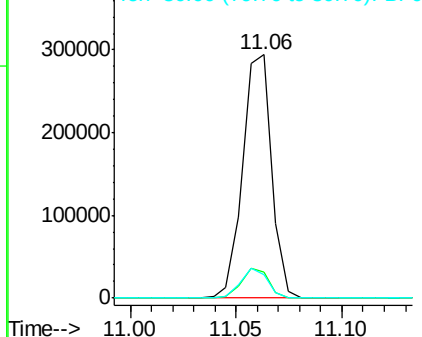


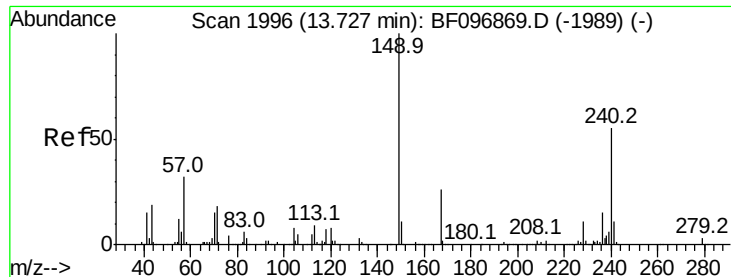
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096973.D
Acq: 22 Jul 2017 6:29

Tgt Ion:188 Resp: 279541
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 9.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

Instrument :

BNA_F

ClientSampleId :

M-COMB-8

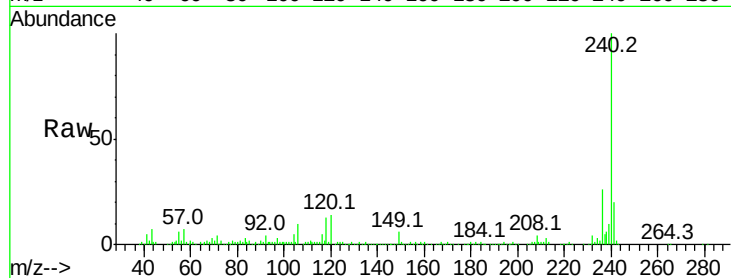
Tot Ion:240 Resp: 220572

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

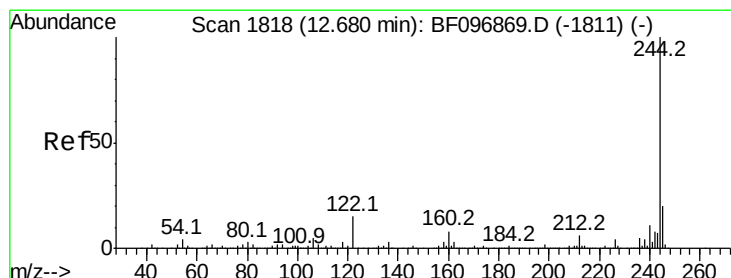
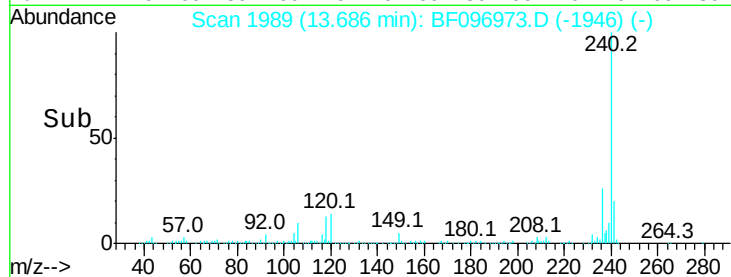
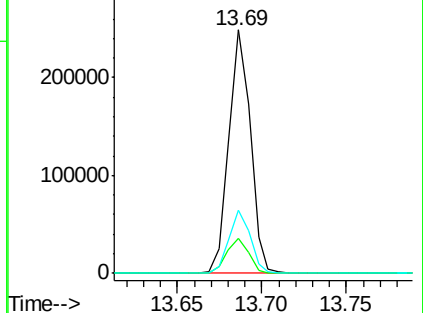
236 26.1 20.5 30.7



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: 21.354 ng

RT: 12.65 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096973.D

Acq: 22 Jul 2017 6:29

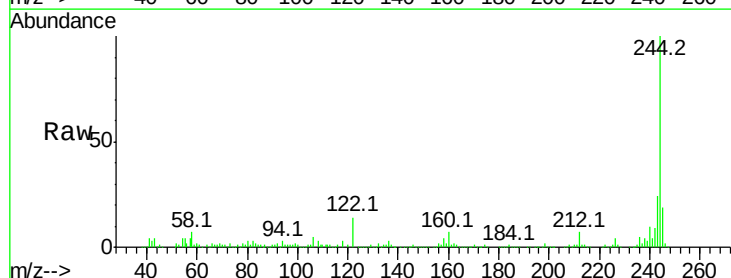
Tgt Ion:244 Resp: 271591

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

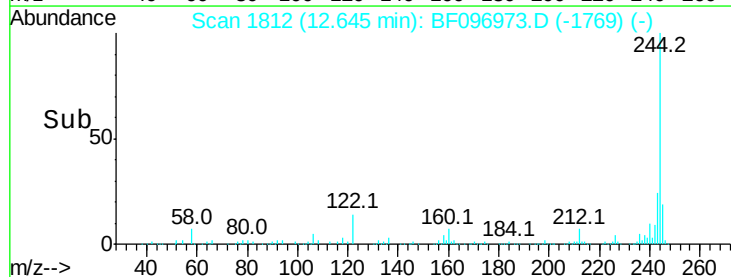
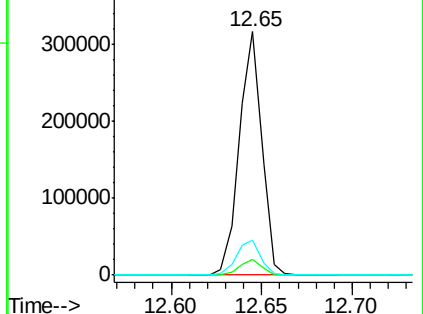
122 14.5 10.3 15.5

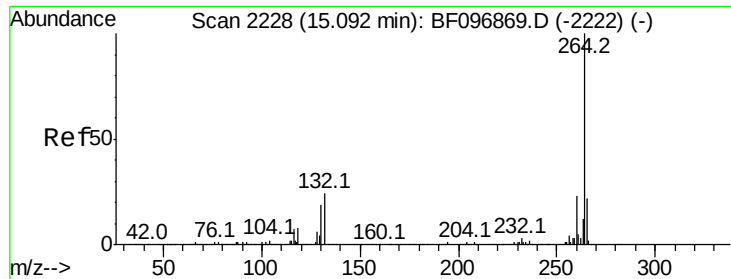


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096973.D
Acq: 22 Jul 2017 6:29

Instrument :
BNA_F
ClientSampleId :
M-COMB-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	20.9	17.2	25.8

