

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096972.D
 Acq On : 22 Jul 2017 6:02
 Operator : SJ/JU
 Sample : I4274-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-6

Quant Time: Jul 24 14:01:11 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

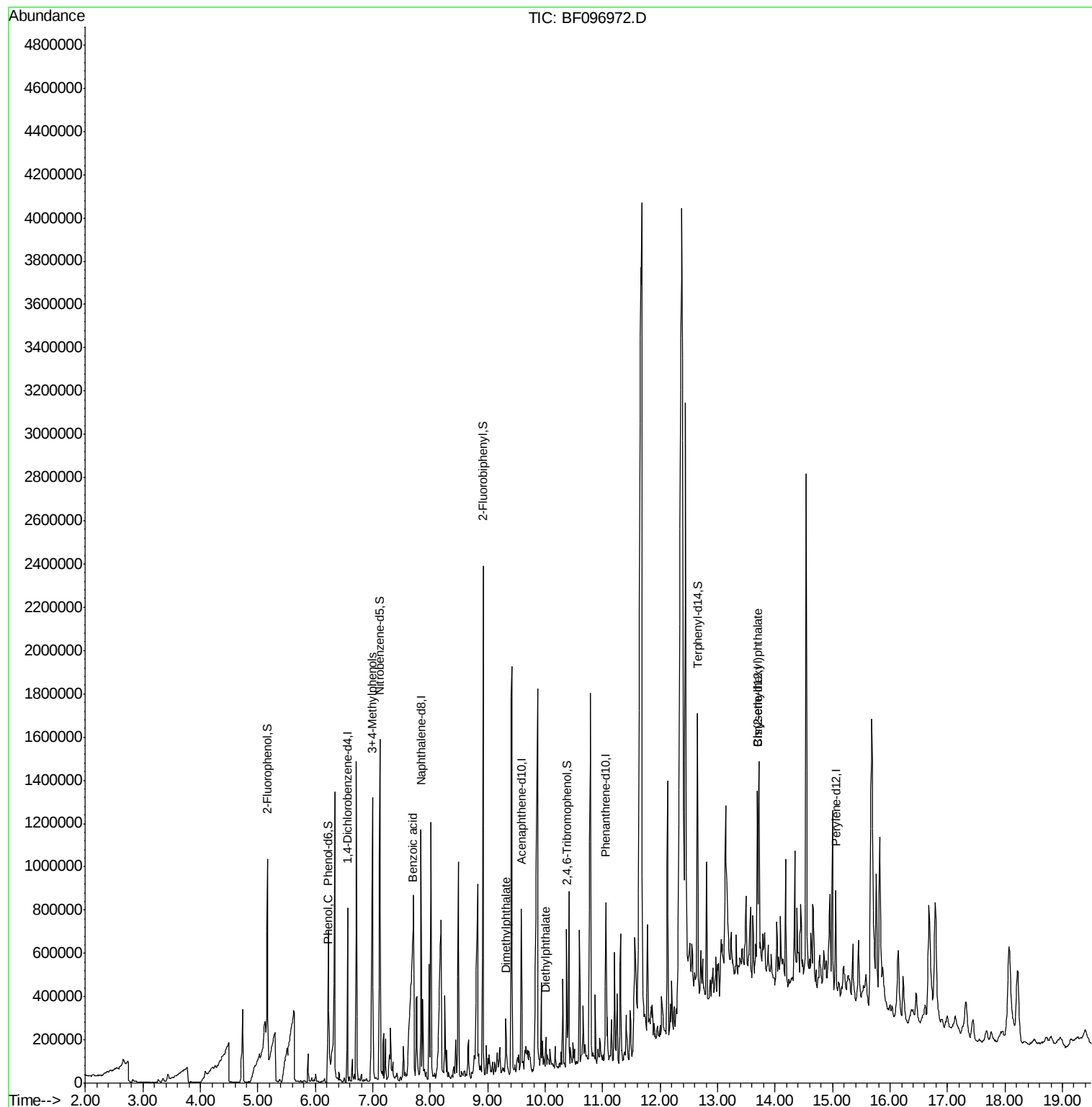
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	110121	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	477168	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	148464	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	198184	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	231689	20.00	ng	-0.04
86) Perylene-d12	15.06	264	197865	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	260993	35.64	ng	-0.04
7) Phenol-d6	6.22	99	221413	25.19	ng	-0.03
23) Nitrobenzene-d5	7.12	82	432982	56.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	68416	53.99	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	652211	69.41	ng	-0.05
78) Terphenyl-d14	12.65	244	386428	28.93	ng	-0.04
Target Compounds						
10) Phenol	6.23	94	83212	8.375	ng	92
20) 3+4-Methylphenols	7.00	107	307966	41.306	ng	# 57
32) Benzoic acid	7.70	122	216519	46.481	ng	94
49) Dimethylphthalate	9.31	163	64765	5.794	ng	99
59) Diethylphthalate	10.01	149	42889	3.941	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	44786	3.681	ng	# 99

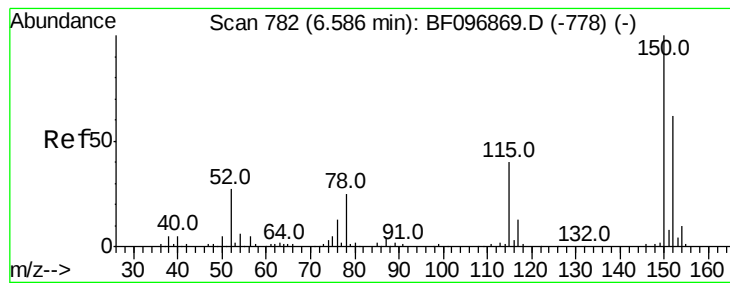
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096972.D

Acq: 22 Jul 2017 6:02

Instrument :

BNA_F

ClientSampled :

M-COMB-6

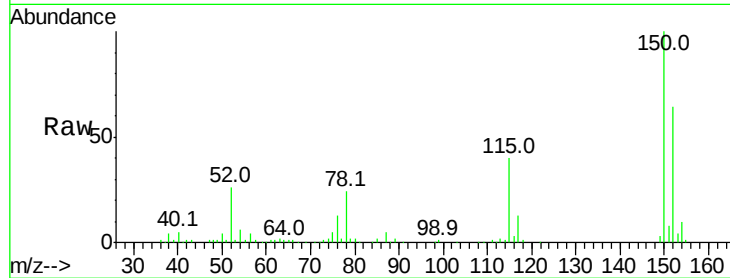
Tot Ion:152 Resp: 110121

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

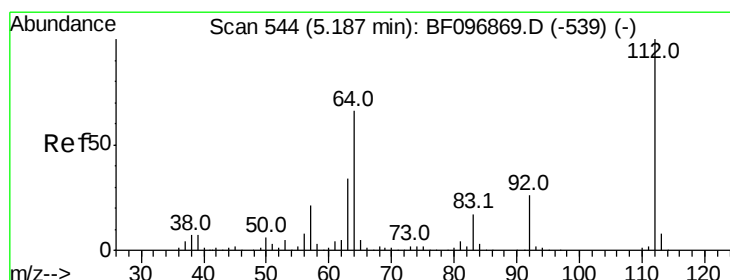
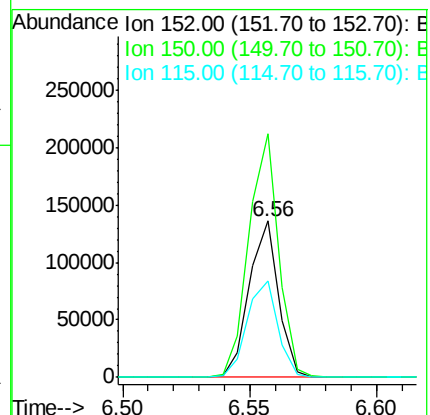
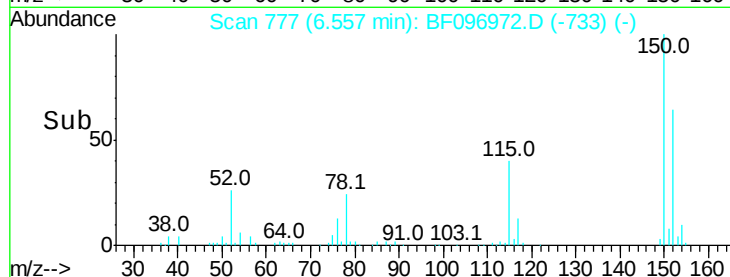
115 61.7 52.2 78.2



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: 35.636 ng

RT: 5.16 min Scan# 540

Delta R.T. -0.04 min

Lab File: BF096972.D

Acq: 22 Jul 2017 6:02

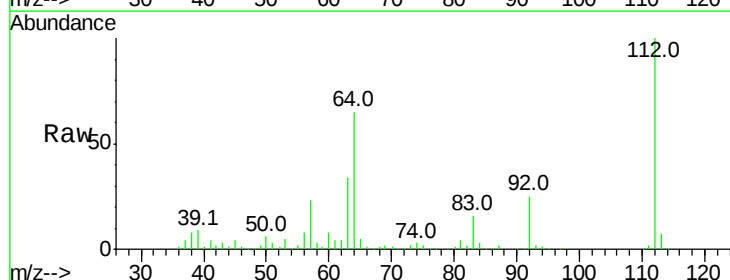
Tgt Ion:112 Resp: 260993

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

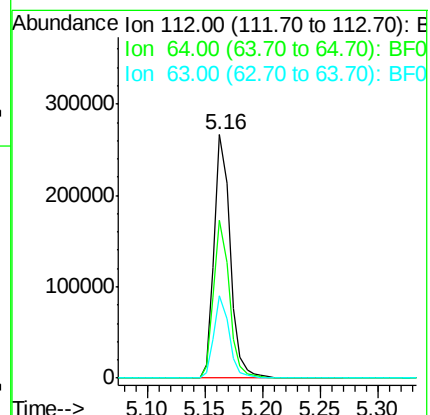
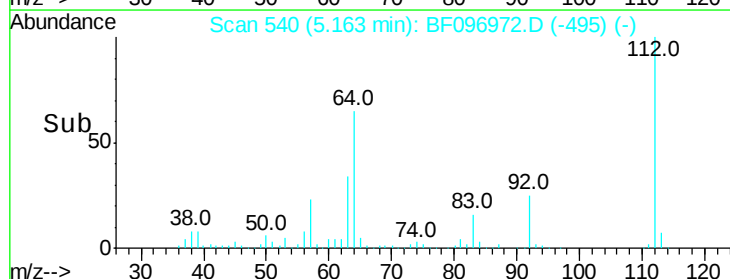
63 33.6 23.4 35.0

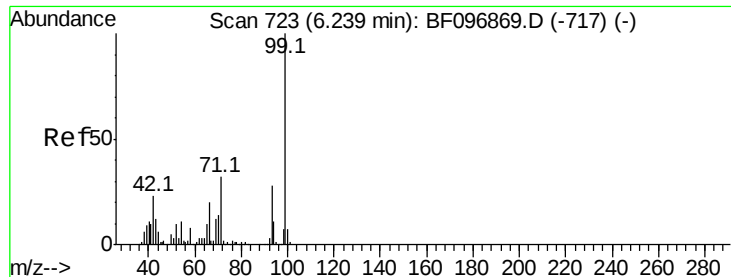


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.192 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096972.D

Acq: 22 Jul 2017 6:02

Instrument :

BNA_F

ClientSampleId :

M-COMB-6

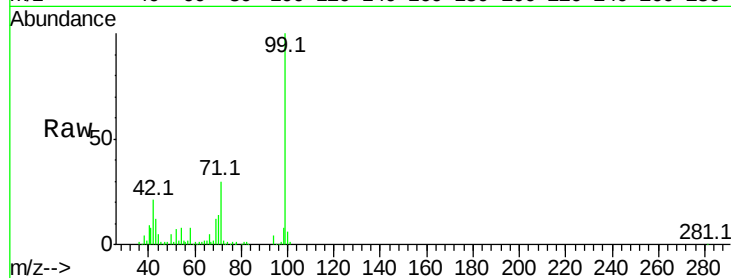
Tot Ion: 99 Resp: 221413

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

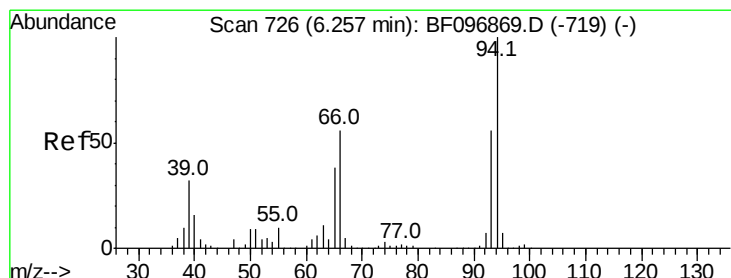
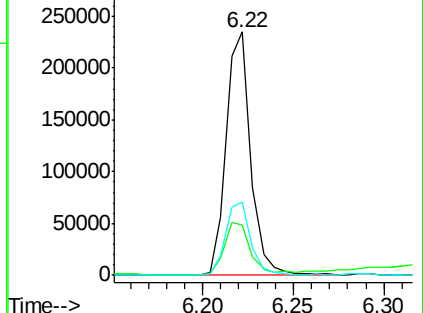
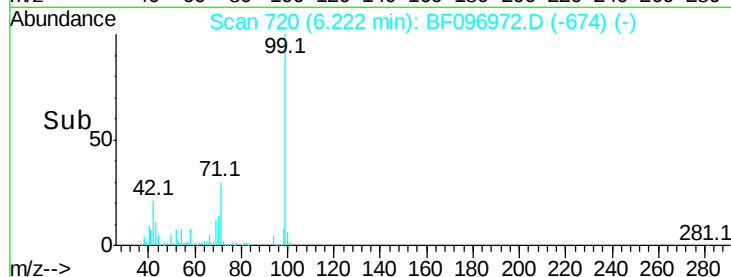
71 30.2 24.5 36.7



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: 8.375 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF096972.D

Acq: 22 Jul 2017 6:02

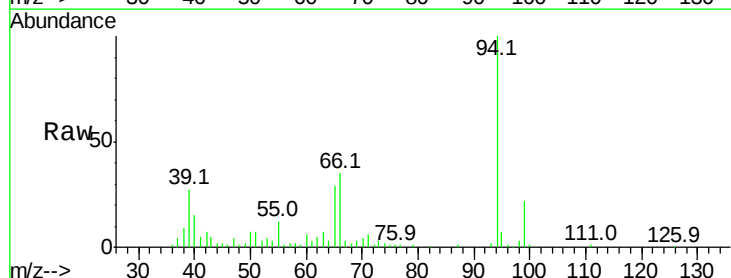
Tgt Ion: 94 Resp: 83212

Ion Ratio Lower Upper

94 100

65 29.0 9.9 49.9

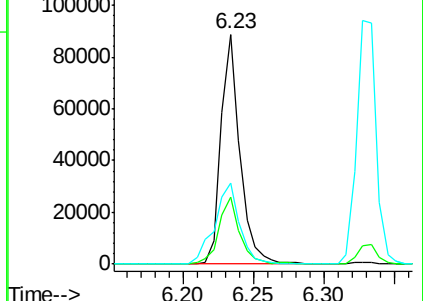
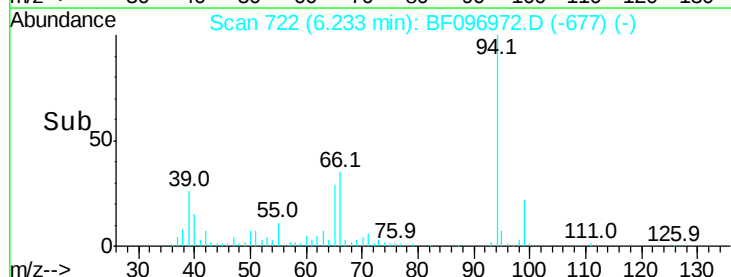
66 35.2 23.1 63.1

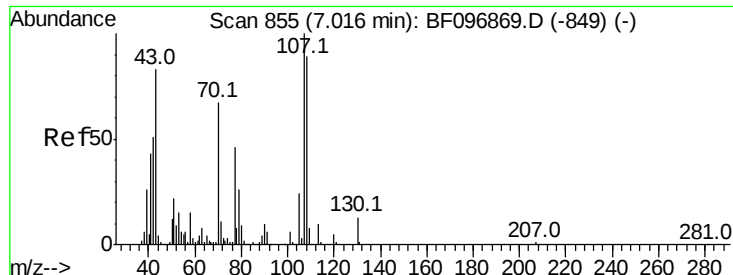


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 41.306 ng

RT: 7.00 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF096972.D

Acq: 22 Jul 2017 6:02

Instrument :

BNA_F

ClientSampleId :

M-COMB-6

Tot Ion:107 Resp: 307966

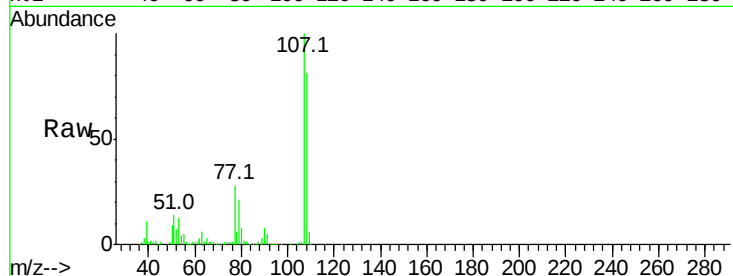
Ion Ratio Lower Upper

107 100

108 81.2 71.0 111.0

77 27.6 90.5 130.5#

79 20.9 8.4 48.4

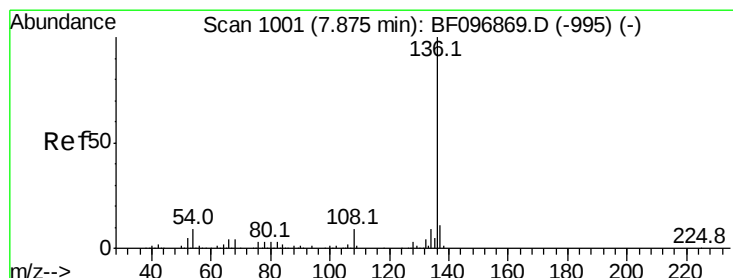
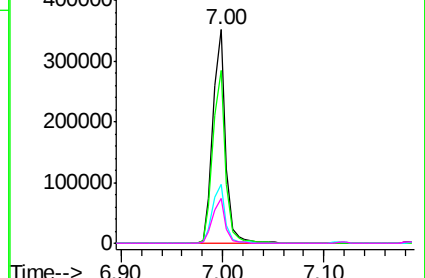
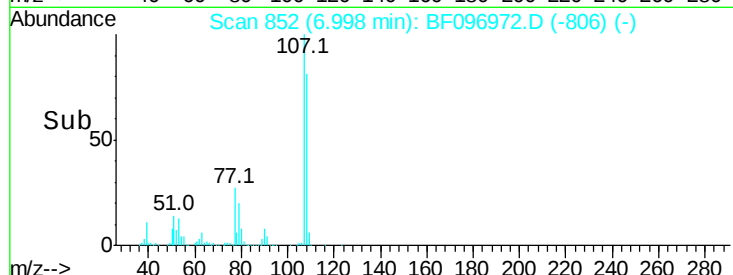


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF096972.D

Acq: 22 Jul 2017 6:02

Tgt Ion:136 Resp: 477168

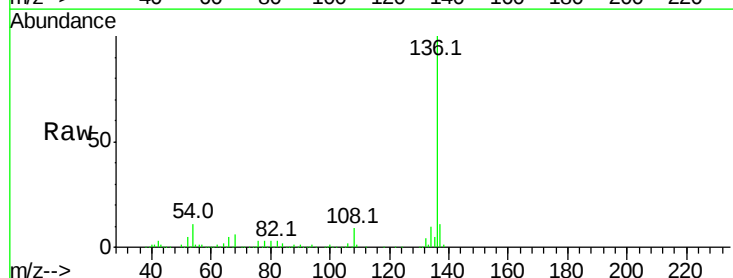
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.9 4.9 7.3#

68 6.1 4.1 6.1#

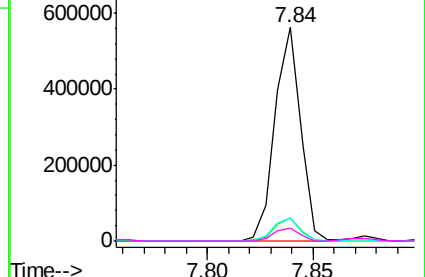
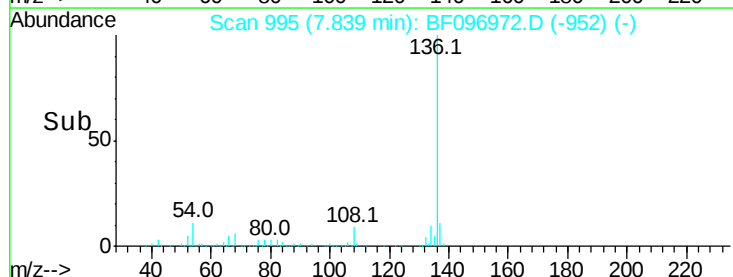


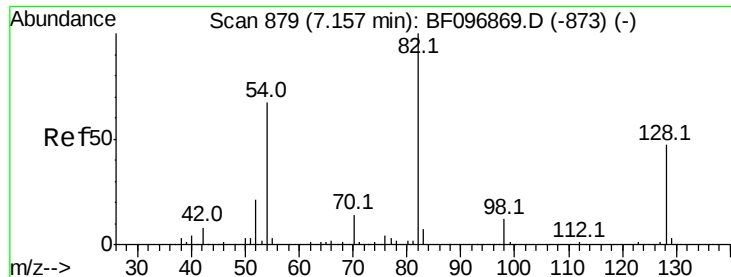
Abundance Ion 136.00 (135.70 to 136.70): E

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

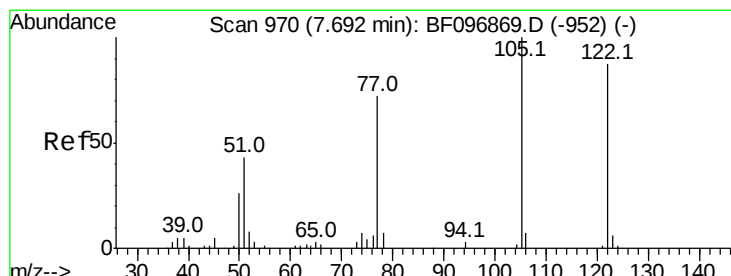
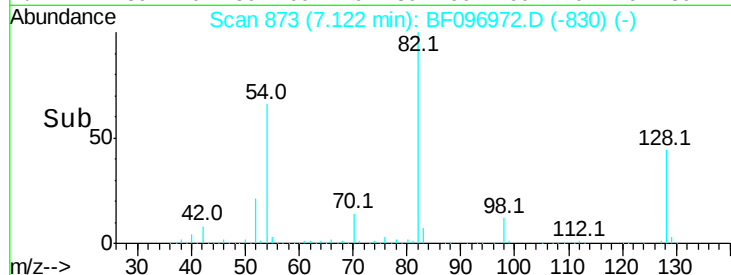
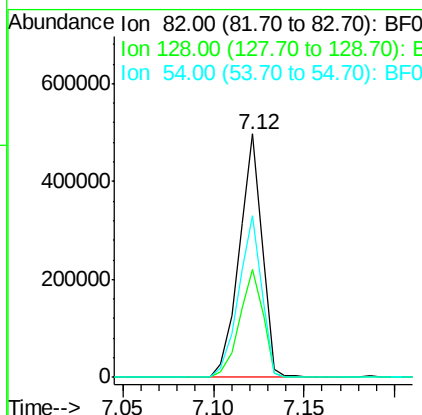
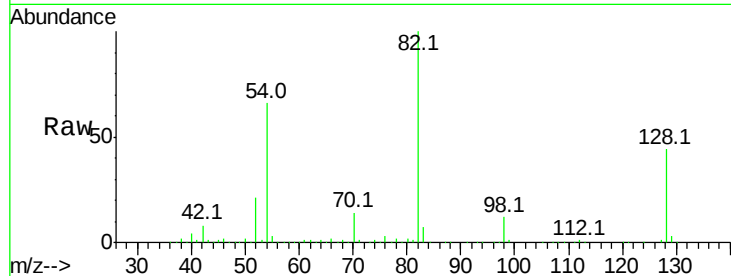




#23
 Nitrobenzene-d5
 Concen: 56.205 ng
 RT: 7.12 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF096972.D
 Acq: 22 Jul 2017 6:02

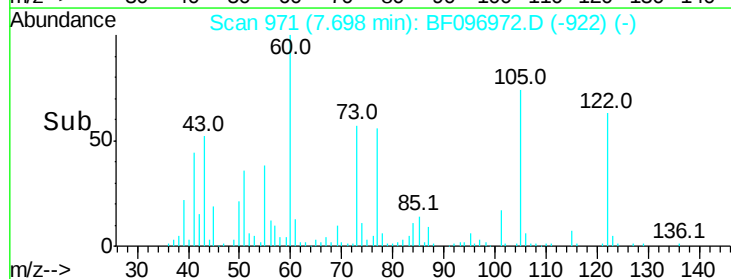
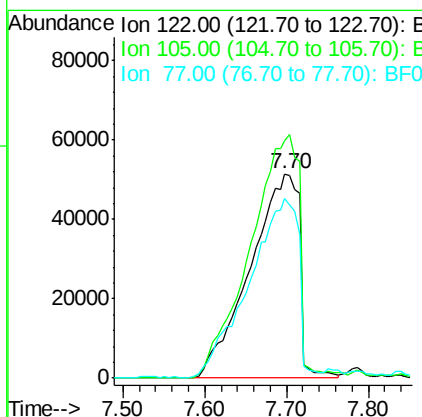
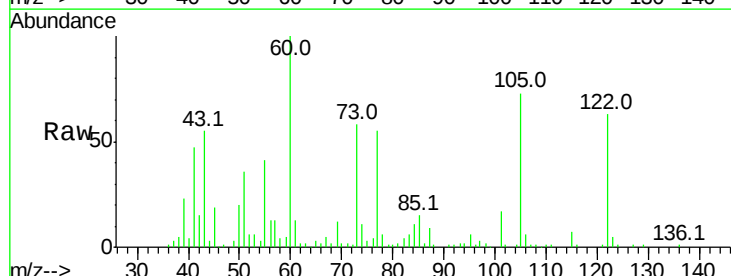
Instrument :
 BNA_F
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 M-COMB-6

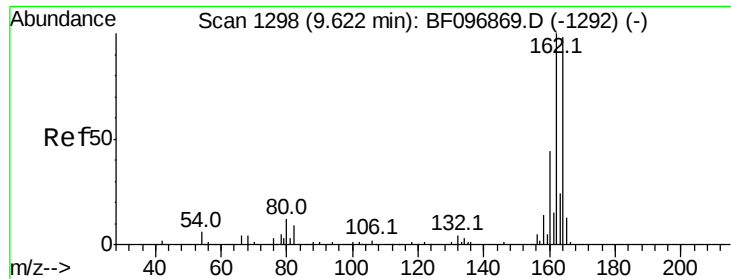
Tot Ion: 82 Resp: 432982
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.0 51.0
 54 66.2 42.2 63.2#



#32
 Benzoic acid
 Concen: 46.481 ng
 RT: 7.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF096972.D
 Acq: 22 Jul 2017 6:02

Tgt Ion:122 Resp: 216519
 Ion Ratio Lower Upper
 122 100
 105 116.2 103.3 143.3
 77 88.1 73.7 113.7

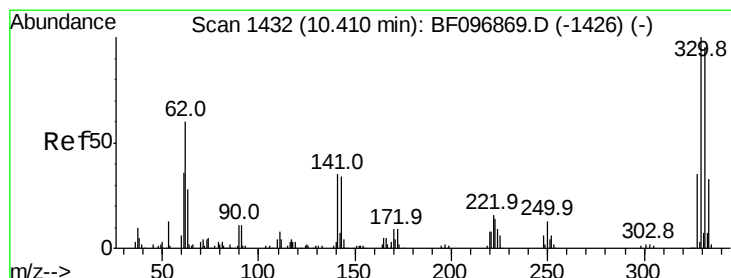
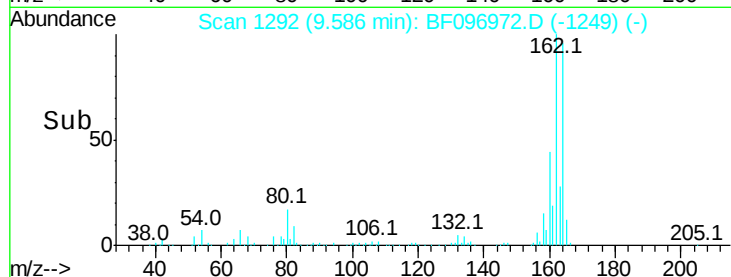
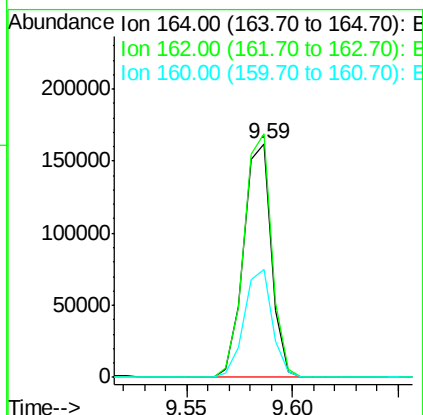
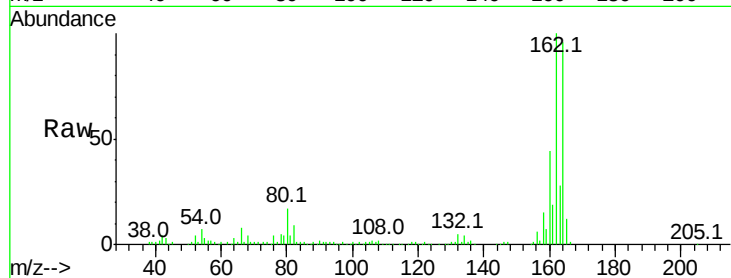




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096972.D
 Acq: 22 Jul 2017 6:02

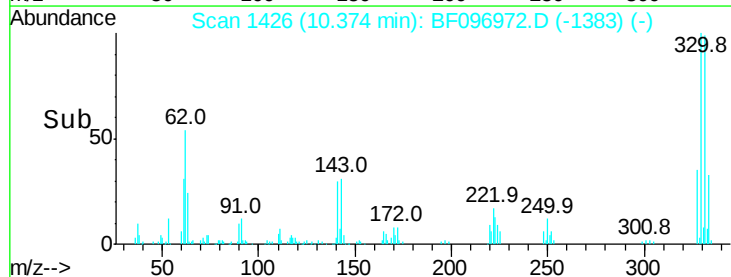
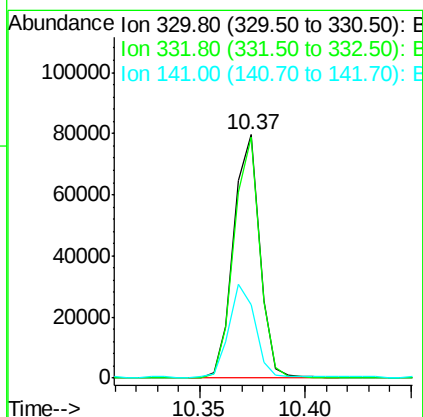
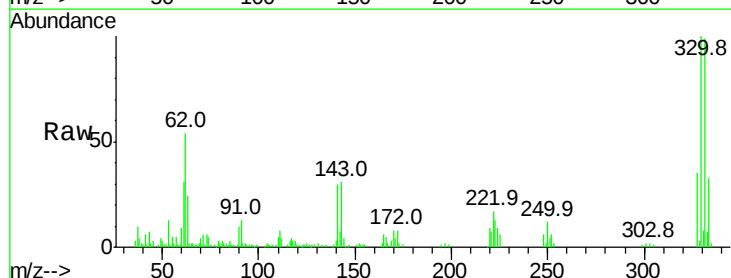
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-6

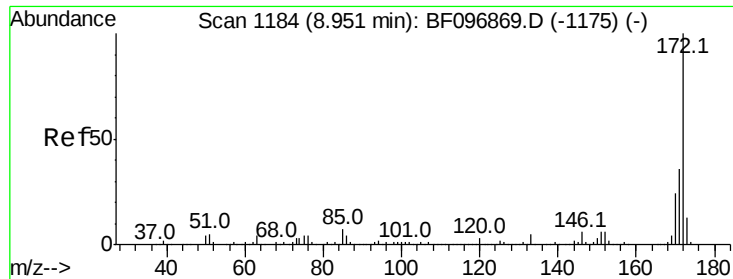
Tot Ion:164 Resp: 148464
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 46.1 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 53.987 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096972.D
 Acq: 22 Jul 2017 6:02

Tgt Ion:330 Resp: 68416
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.5 31.4 47.2

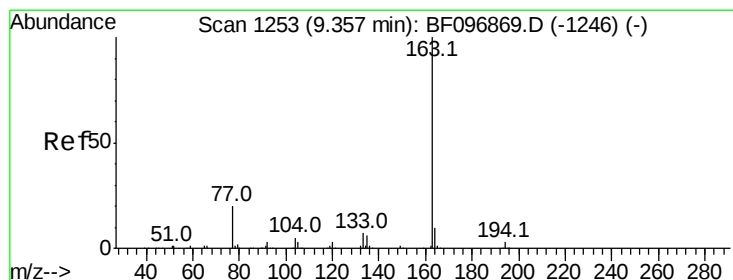
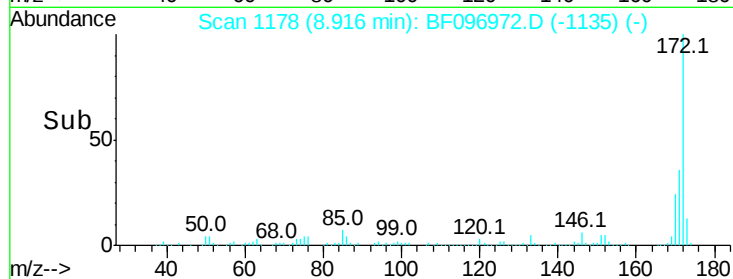
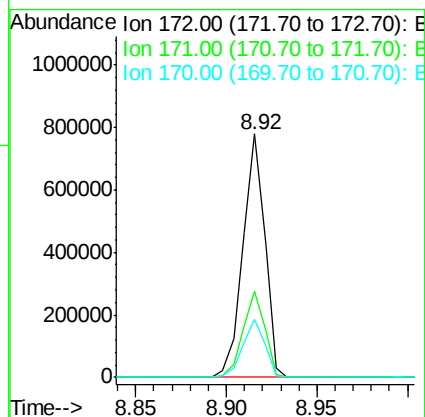
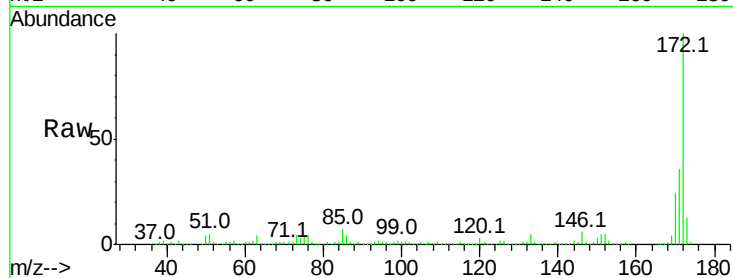




#44
2-Fluorobiphenyl
Concen: 69.407 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096972.D
Acq: 22 Jul 2017 6:02

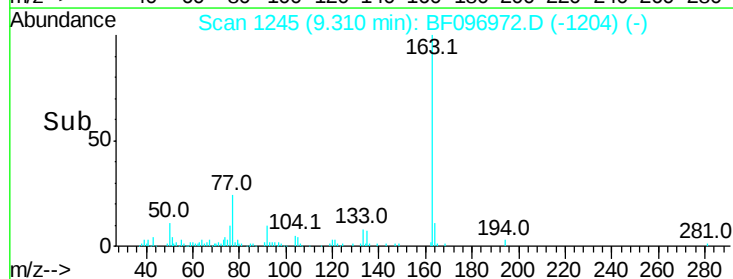
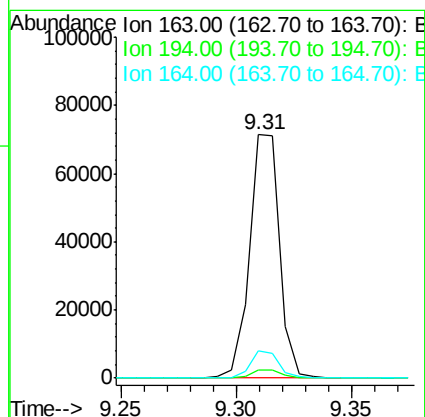
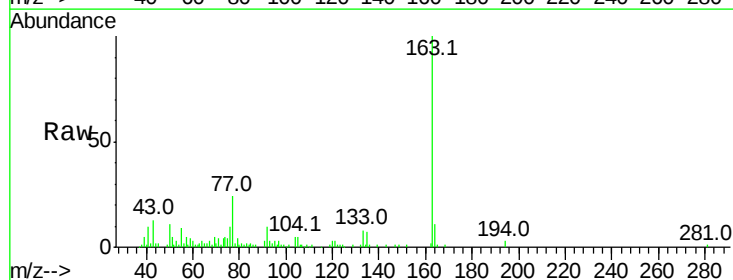
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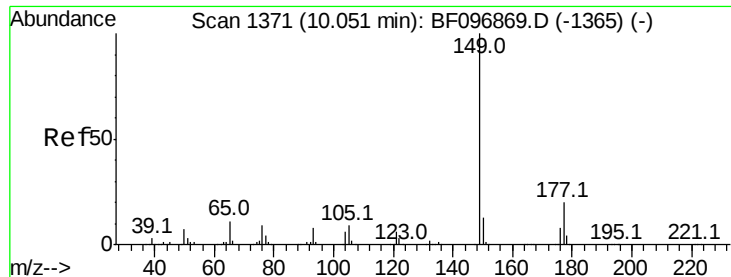
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.8	19.8	29.8



#49
Dimethylphthalate
Concen: 5.794 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096972.D
Acq: 22 Jul 2017 6:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	11.0	8.4	12.6

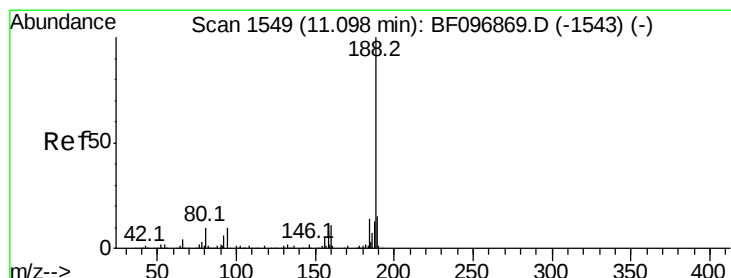
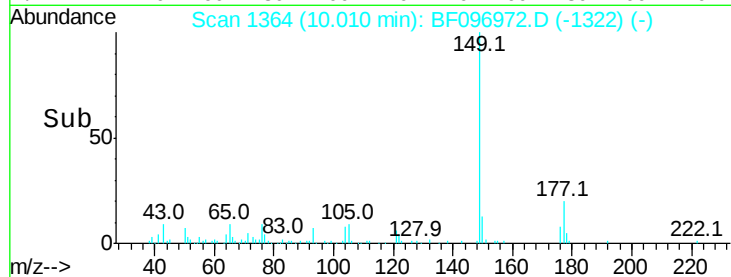
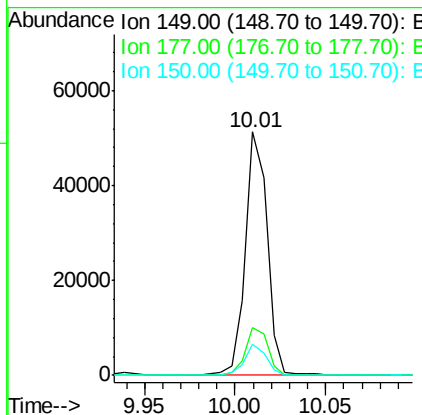
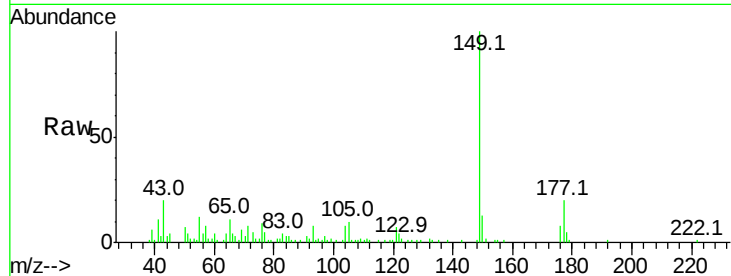




#59
Diethylphthalate
Concen: 3.941 ng
RT: 10.01 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF096972.D
Acq: 22 Jul 2017 6:02

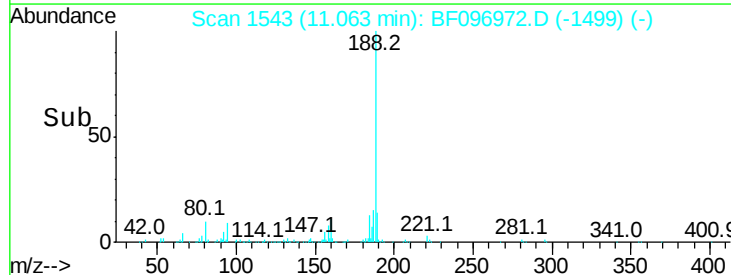
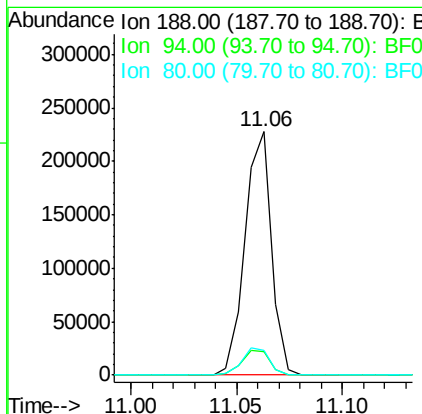
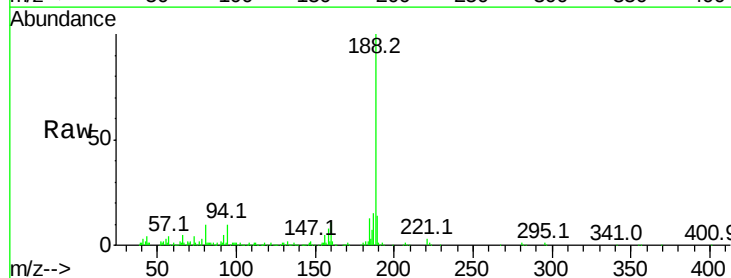
Instrument :
BNA_F
ClientSampleId :
M-COMB-6

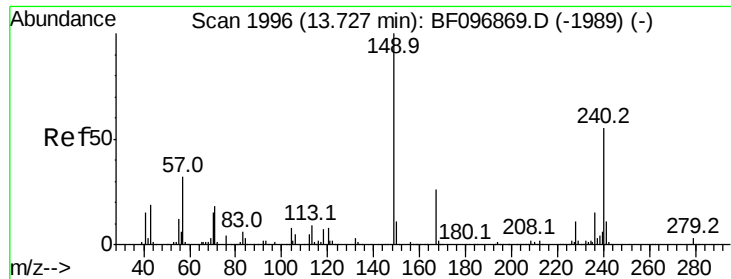
Tot Ion:149 Resp: 42889
Ion Ratio Lower Upper
149 100
177 19.9 16.7 25.1
150 12.7 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096972.D
Acq: 22 Jul 2017 6:02

Tgt Ion:188 Resp: 198184
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.2 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: BF096972.D

Acq: 22 Jul 2017 6:02

Instrument :

BNA_F

ClientSampleId :

M-COMB-6

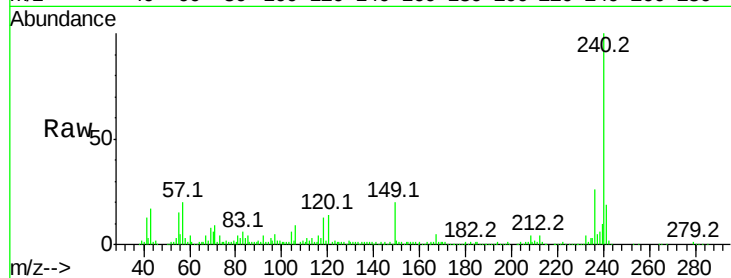
Tot Ion:240 Resp: 231689

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

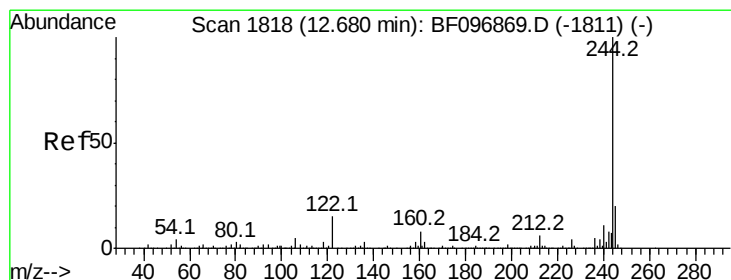
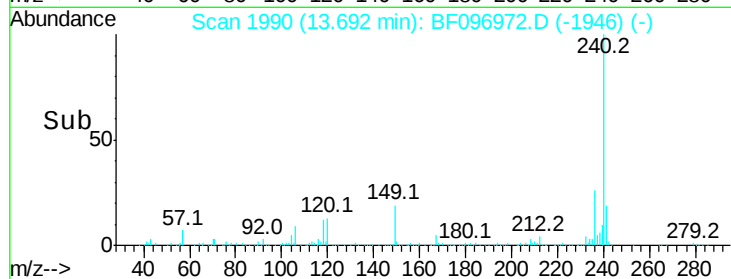
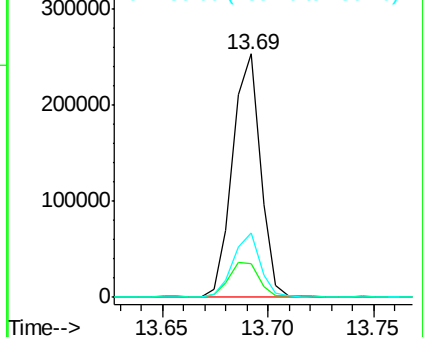
236 26.4 20.5 30.7



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: 28.925 ng

RT: 12.65 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF096972.D

Acq: 22 Jul 2017 6:02

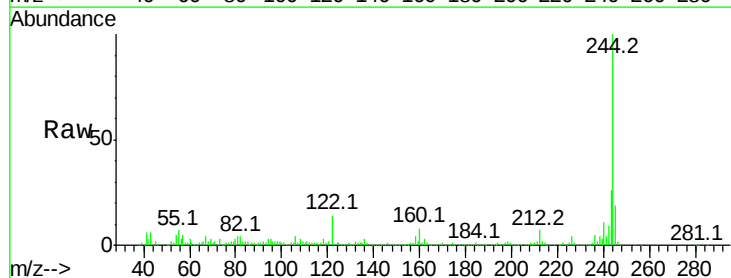
Tgt Ion:244 Resp: 386428

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

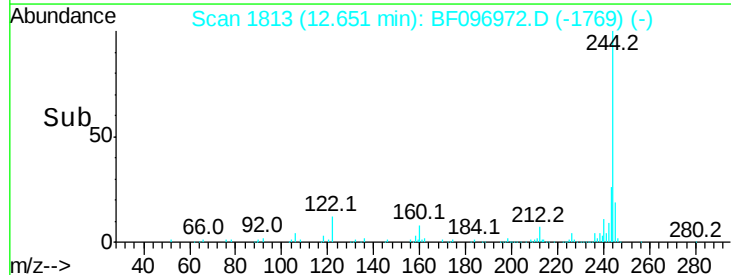
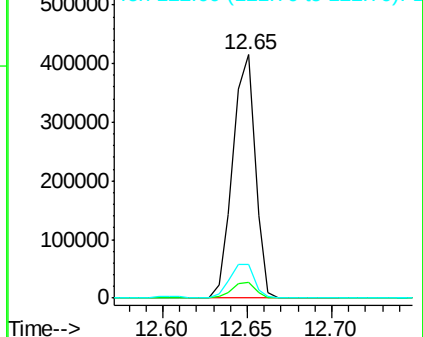
122 13.7 10.3 15.5

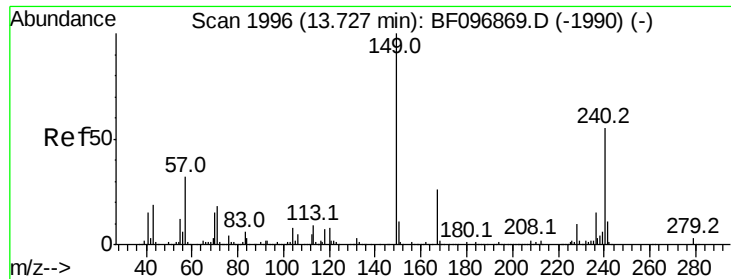


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.681 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096972.D

Acq: 22 Jul 2017 6:02

Instrument :

BNA_F

ClientSampleId :

M-COMB-6

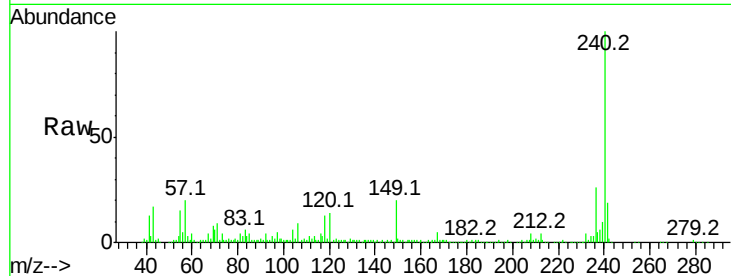
Tot Ion:149 Resp: 44786

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

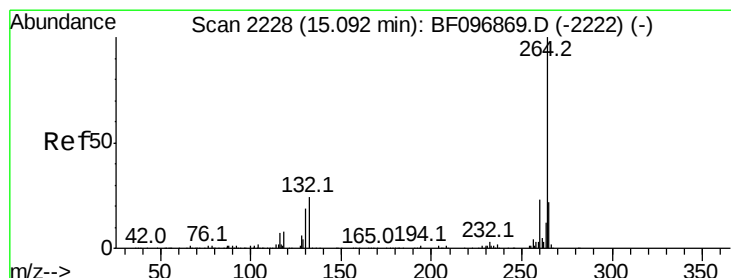
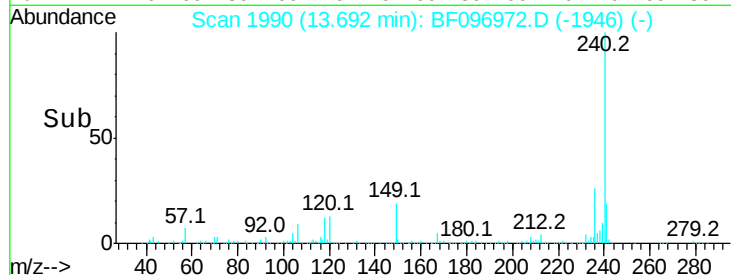
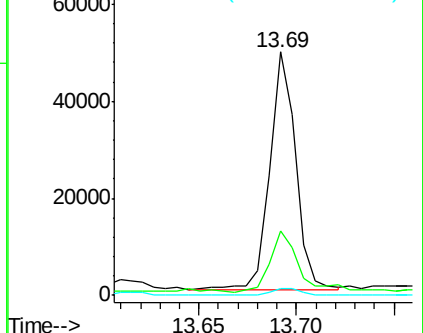
279 3.0 1.9 2.9#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.06 min Scan# 2222

Delta R.T. -0.05 min

Lab File: BF096972.D

Acq: 22 Jul 2017 6:02

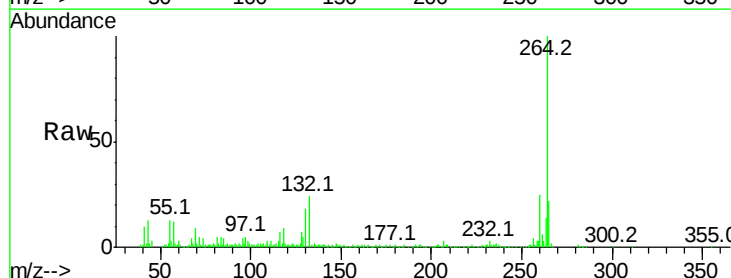
Tgt Ion:264 Resp: 197865

Ion Ratio Lower Upper

264 100

260 25.3 19.5 29.3

265 22.2 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

