

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096999.D
 Acq On : 24 Jul 2017 21:47
 Operator : SJ/JU
 Sample : I4361-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 01:44:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

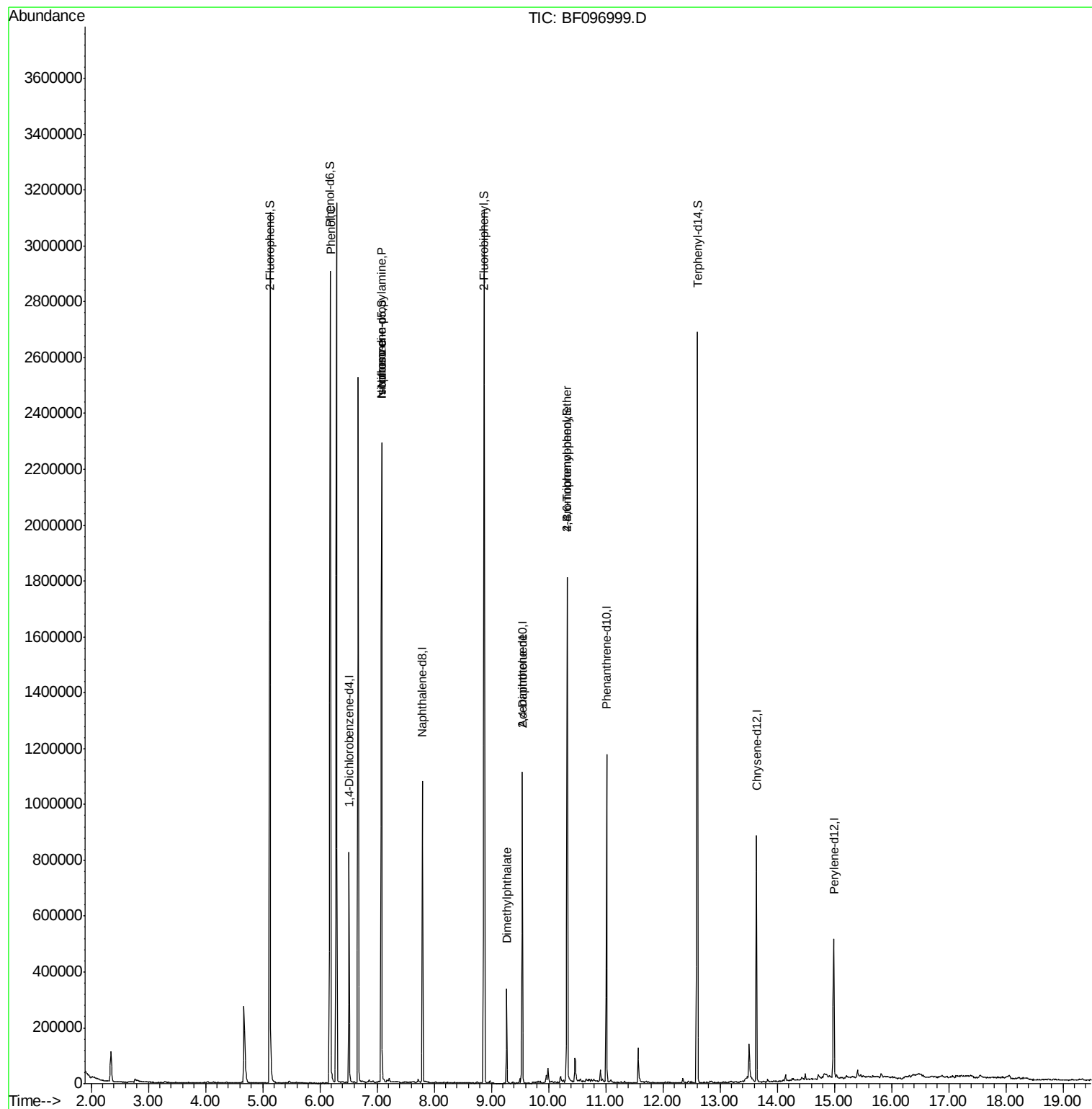
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	123446	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	489553	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	218891	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	404896	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	290018	20.00	ng	-0.04
86) Perylene-d12	14.99	264	205150	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	961796	117.15	ng	-0.02
7) Phenol-d6	6.18	99	1219743	123.80	ng	-0.04
23) Nitrobenzene-d5	7.08	82	789703	99.92	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	240054	128.48	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1180287	85.19	ng	-0.04
78) Terphenyl-d14	12.60	244	990808	59.25	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	29273	2.63	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.08	70	106293	17.91	ng	# 86
25) Isophorone	7.08	82	783178	53.27	ng	# 67
49) Dimethylphthalate	9.27	163	132416	8.03	ng	100
56) 2,4-Dinitrotoluene	9.54	165	28115	6.13	ng	# 33
66) 4-Bromophenyl-phenylether	10.33	248	15330	3.71	ng	# 1

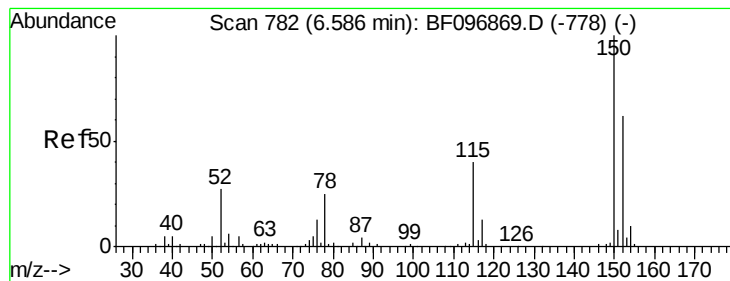
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 25 01:44:49 2017
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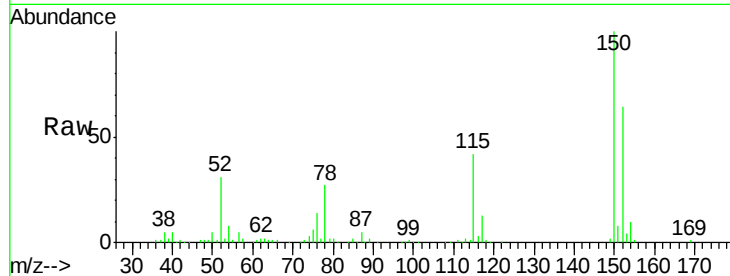




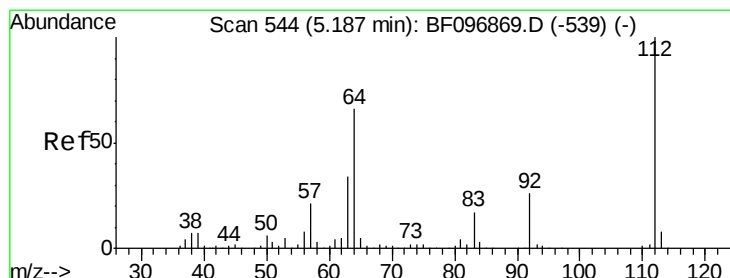
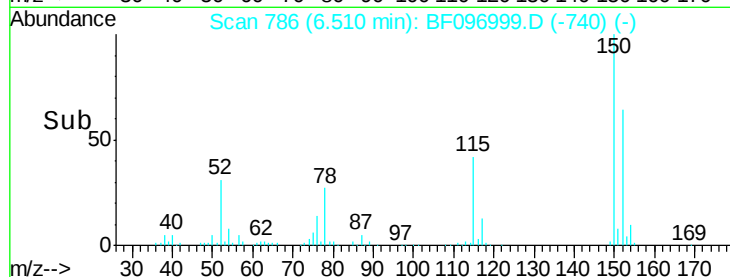
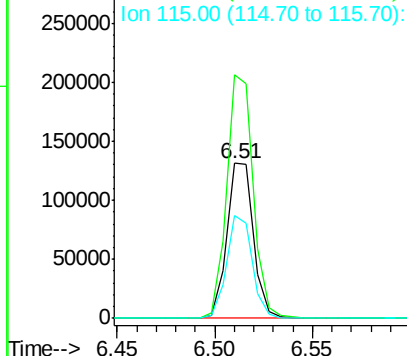
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 123446
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 66.5 52.2 78.2

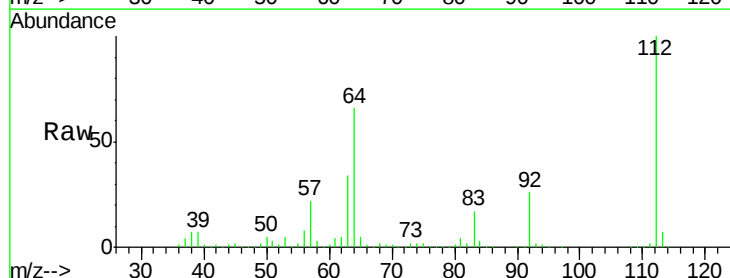


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

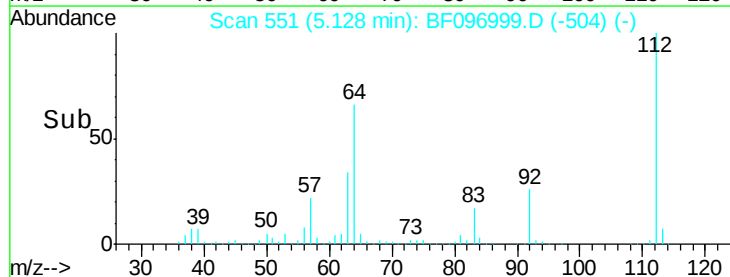
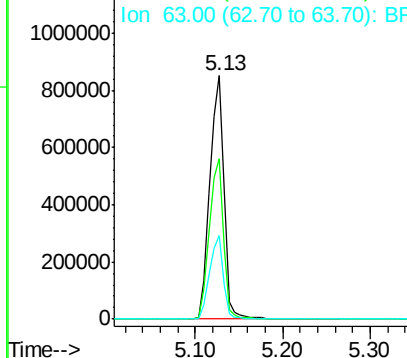


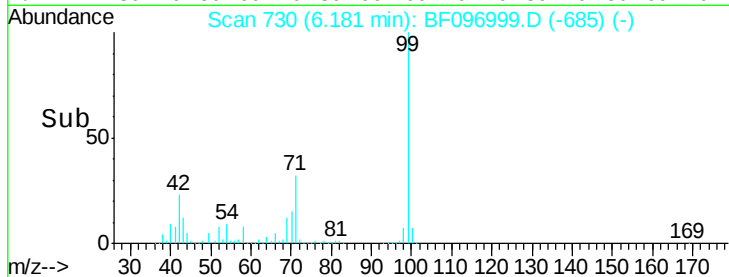
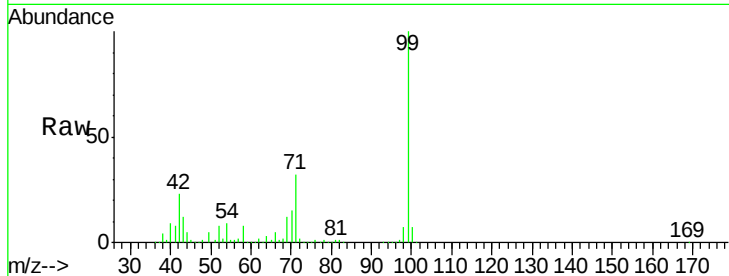
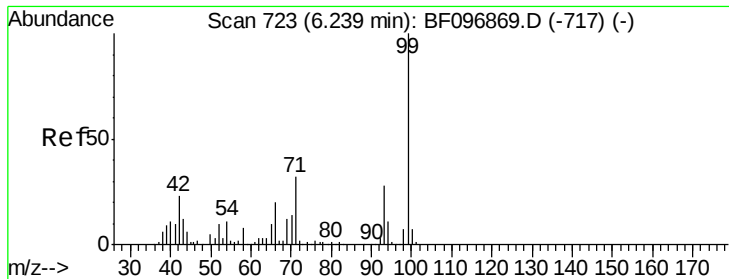
#5
 2-Fluorophenol
 Concen: 117.15 ng
 RT: 5.13 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Tgt Ion:112 Resp: 961796
 Ion Ratio Lower Upper
 112 100
 64 66.0 46.0 69.0
 63 34.4 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: 123.80 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF096999.D

Acq: 24 Jul 2017 21:47

Instrument :

BNA_F

ClientSampleId :

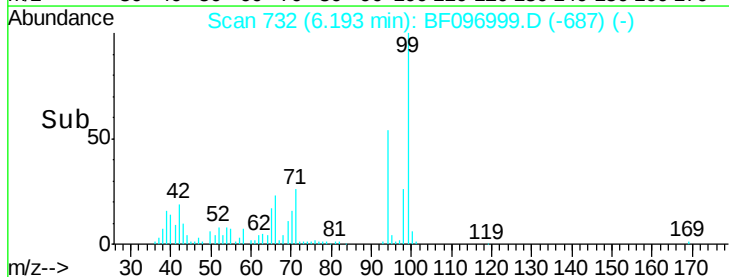
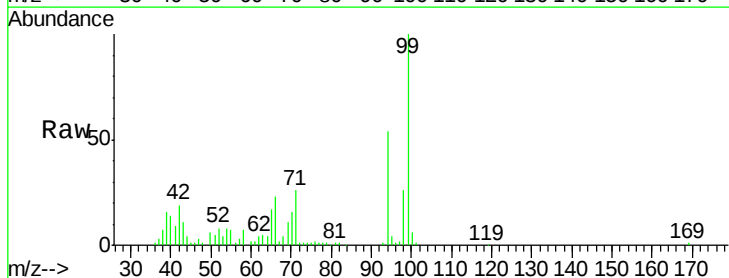
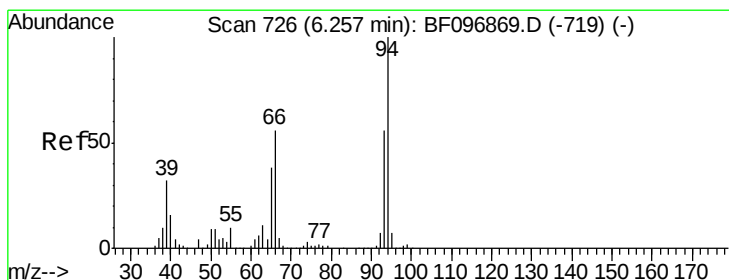
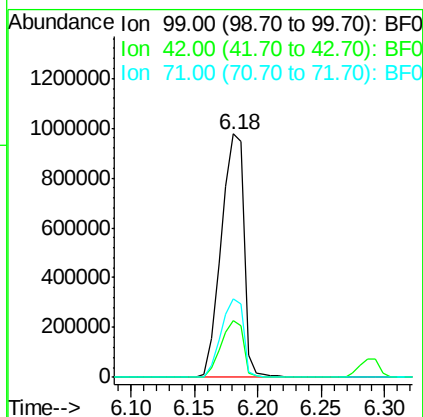
Tot Ion: 99 Resp: 1219743

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

71 32.2 24.5 36.7



#10

Phenol

Concen: 2.63 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF096999.D

Acq: 24 Jul 2017 21:47

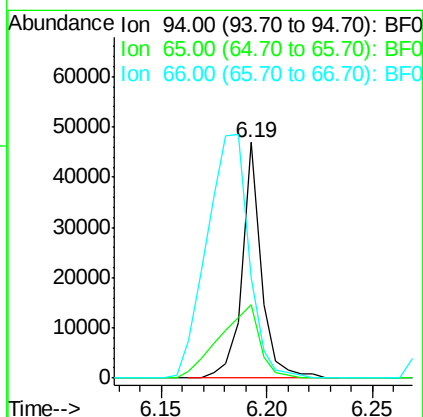
Tgt Ion: 94 Resp: 29273

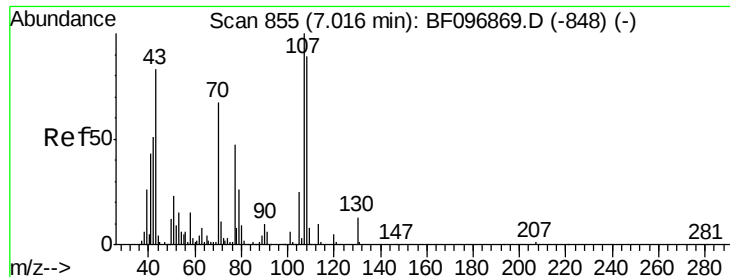
Ion Ratio Lower Upper

94 100

65 31.3 9.9 49.9

66 42.8 23.1 63.1

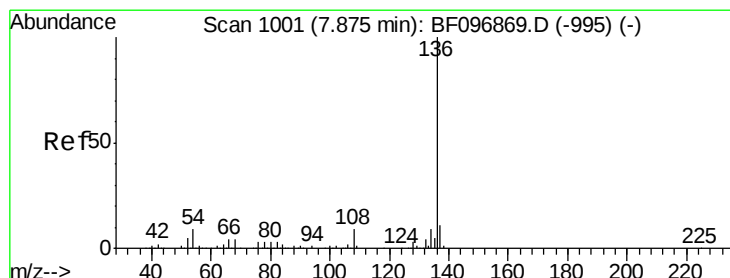
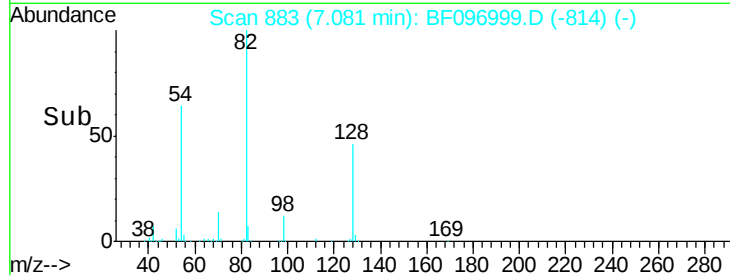
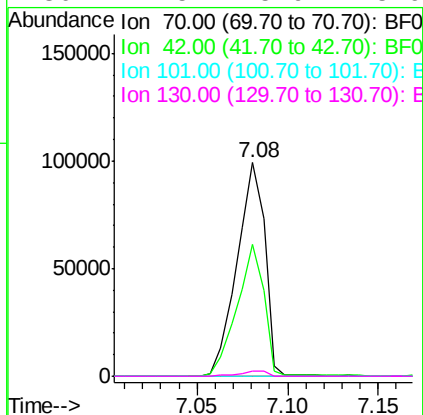
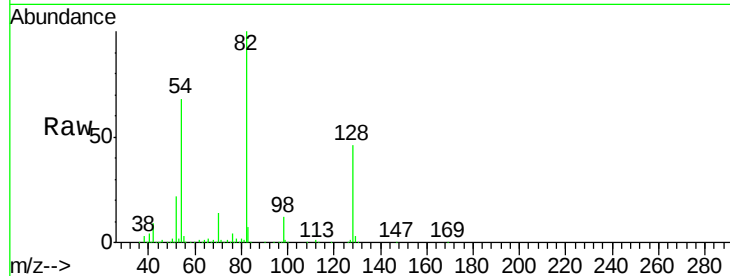




#19
n-Nitroso-di-n-propylamine
Concen: 17.91 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

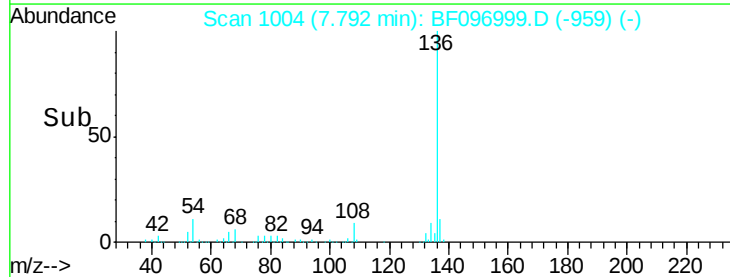
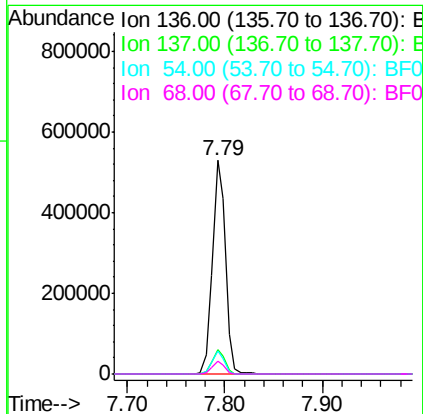
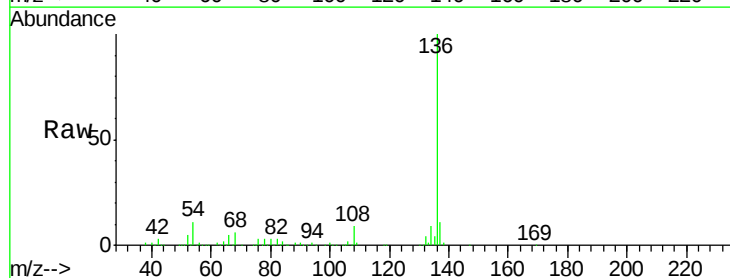
Instrument :
BNA_F
ClientSampleId :

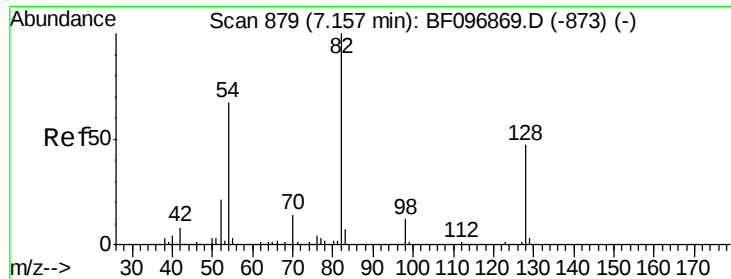
Tot Ion: 70 Resp: 106293
Ion Ratio Lower Upper
70 100
42 61.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

Tgt Ion:136 Resp: 489553
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.1 4.9 7.3#
68 5.9 4.1 6.1

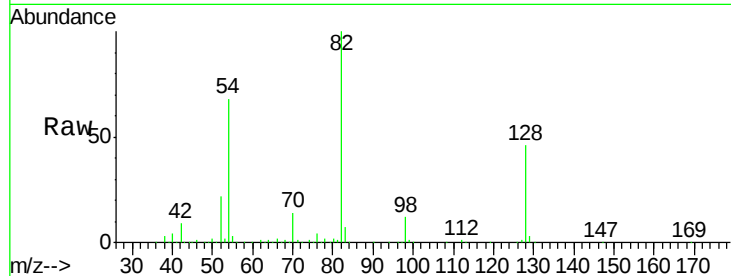




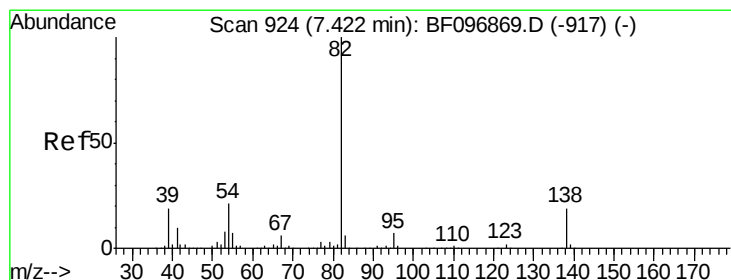
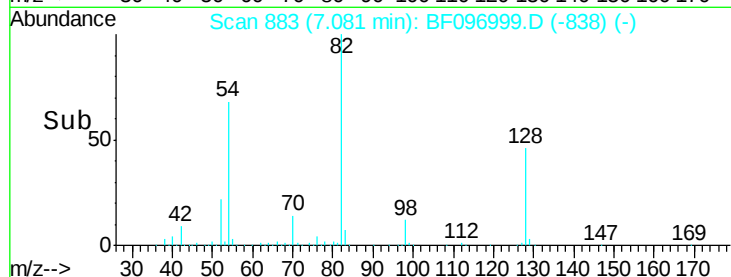
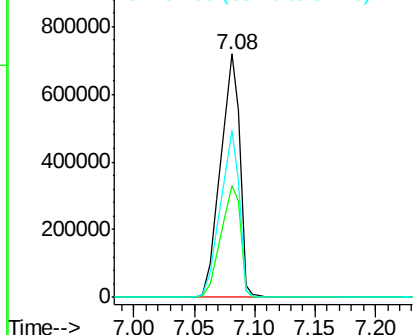
#23
 Nitrobenzene-d5
 Concen: 99.92 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 789703
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 68.4 42.2 63.2#

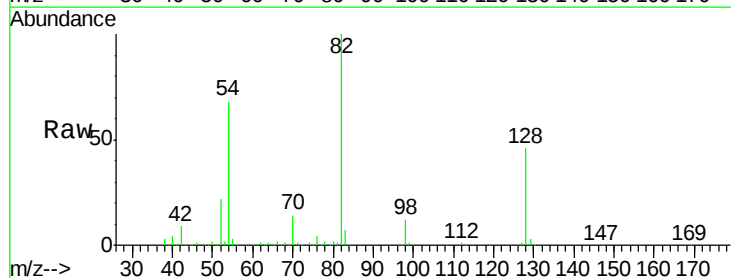


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

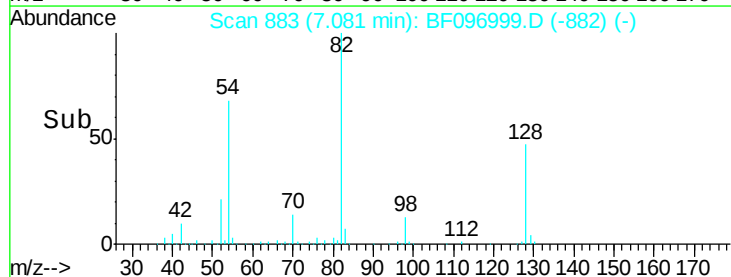
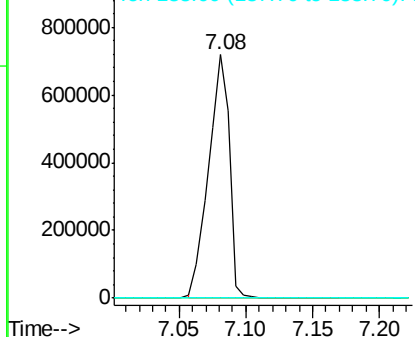


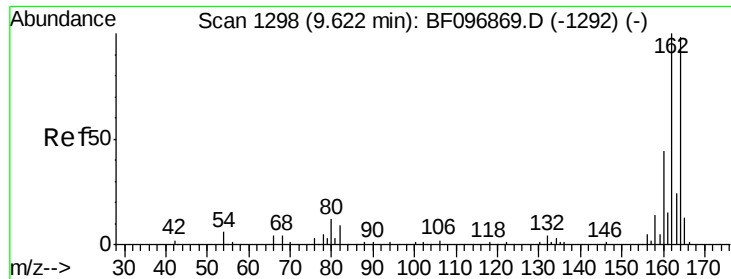
#25
 Isophorone
 Concen: 53.27 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.29 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Tgt Ion: 82 Resp: 783178
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BF096999.D

Acq: 24 Jul 2017 21:47

Instrument :

BNA_F

ClientSampleId :

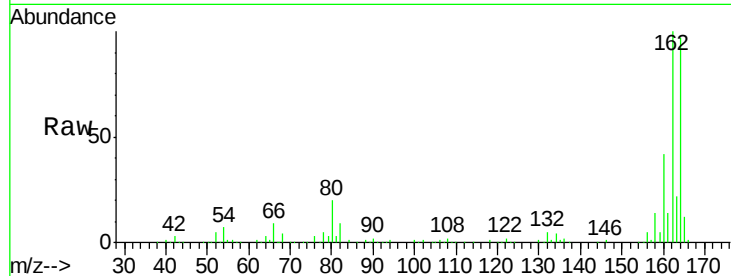
Tot Ion:164 Resp: 218891

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

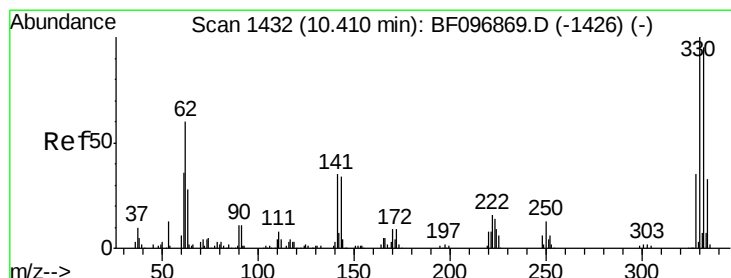
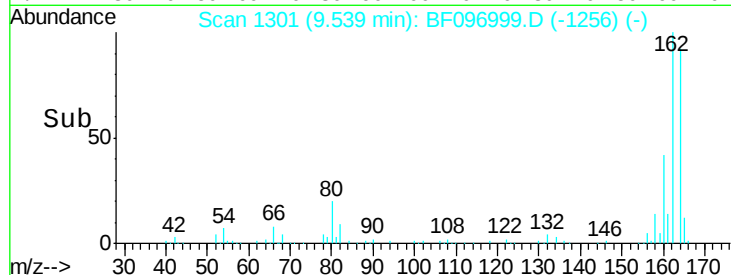
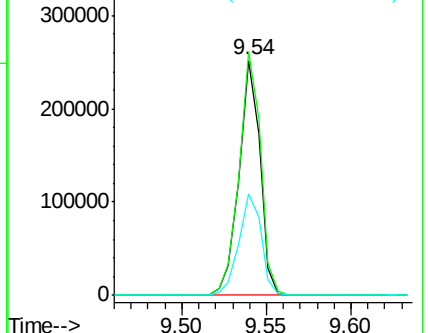
160 43.2 36.2 54.2



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: 128.48 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.03 min

Lab File: BF096999.D

Acq: 24 Jul 2017 21:47

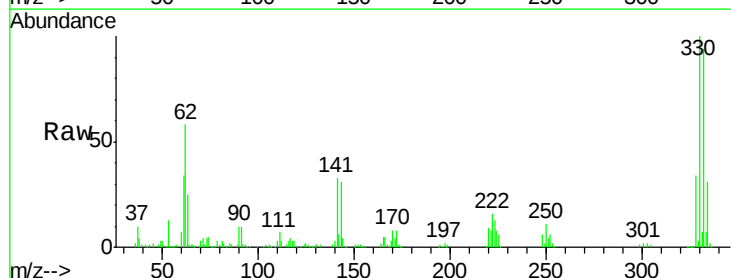
Tgt Ion:330 Resp: 240054

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

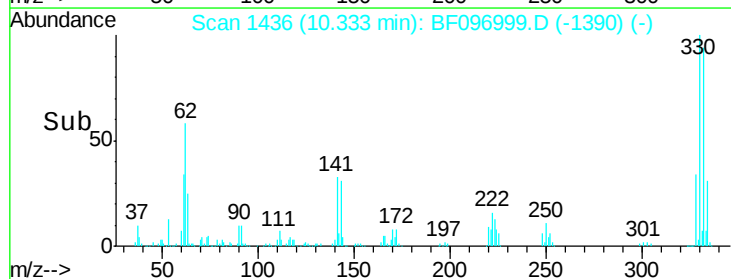
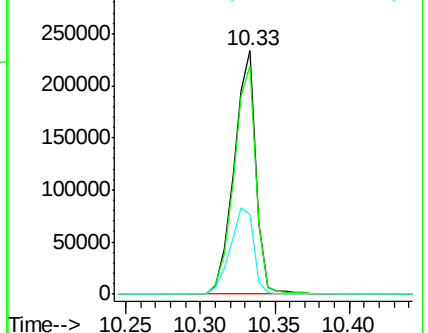
141 38.6 31.4 47.2

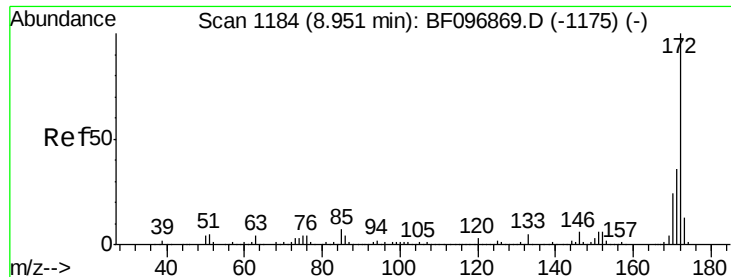


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

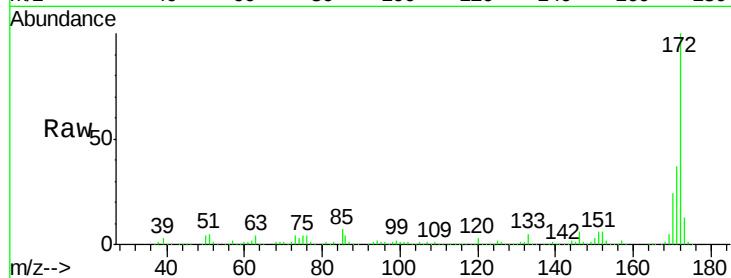




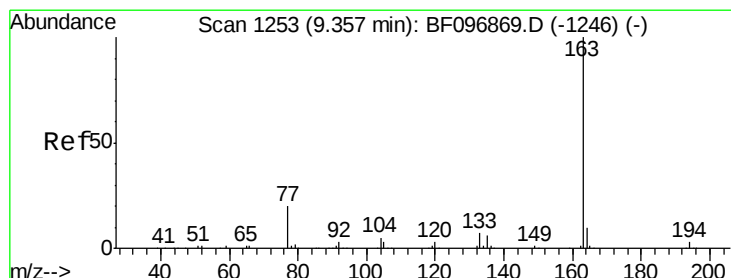
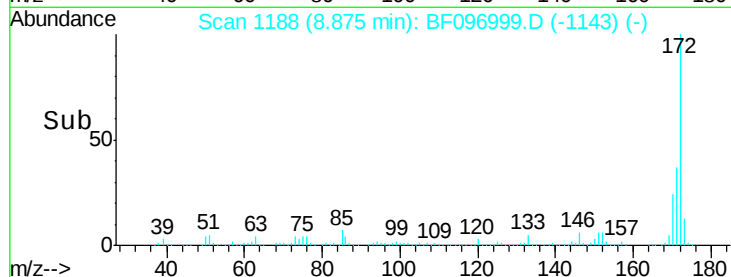
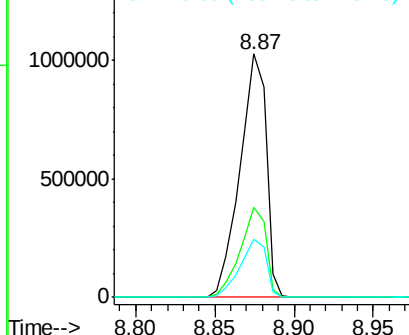
#44
2-Fluorobiphenyl
Concen: 85.19 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1180287
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.0 19.8 29.8

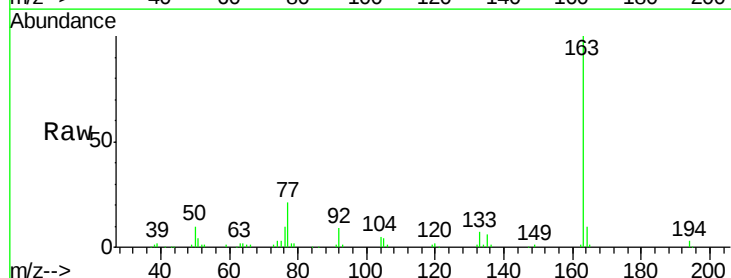


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

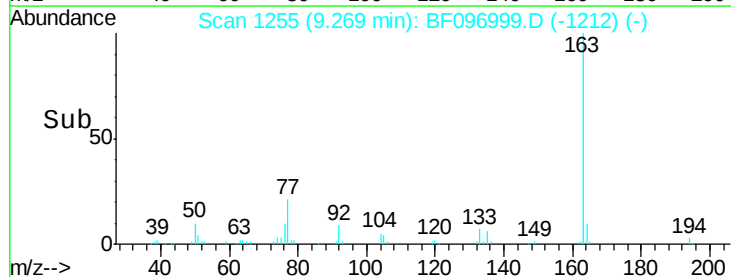
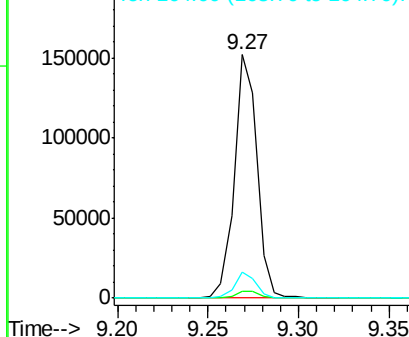


#49
Dimethylphthalate
Concen: 8.03 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

Tgt Ion:163 Resp: 132416
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.5 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

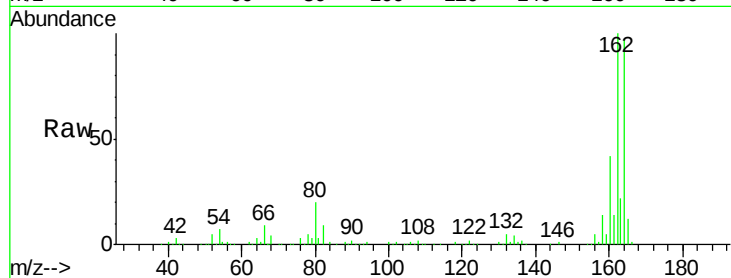




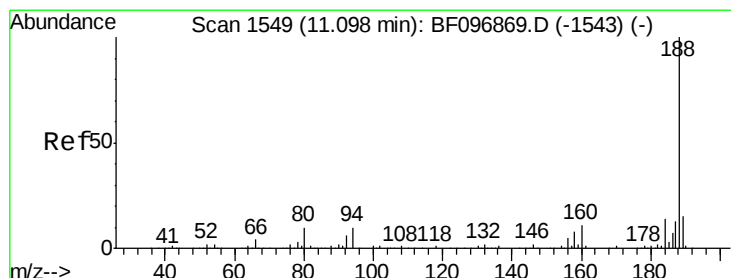
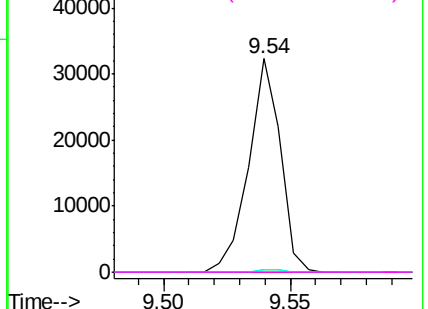
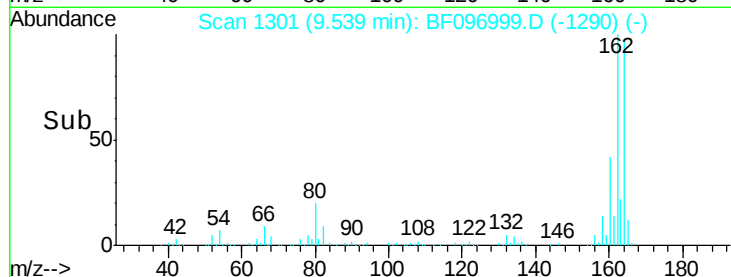
#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.24 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28115
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#

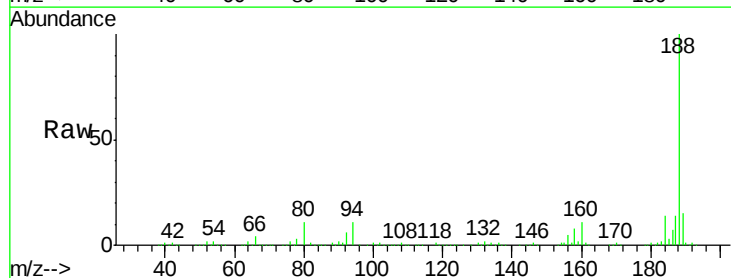


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

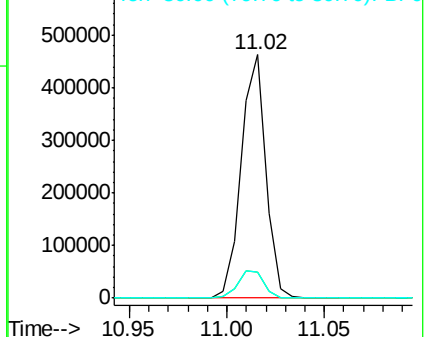
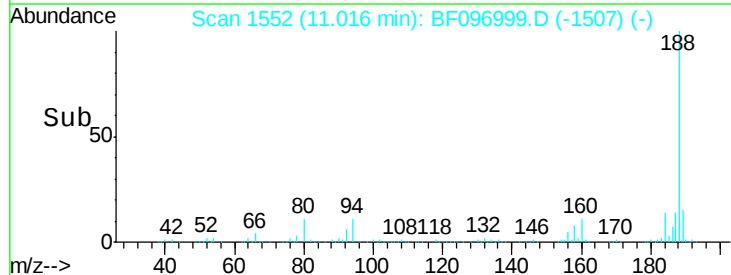


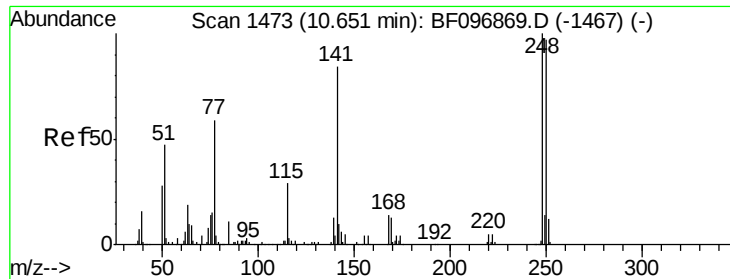
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Tgt Ion:188 Resp: 404896
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.8 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

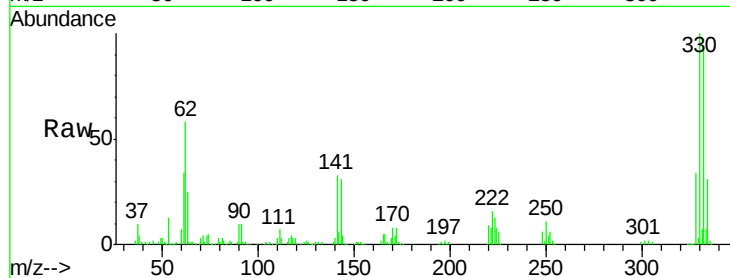




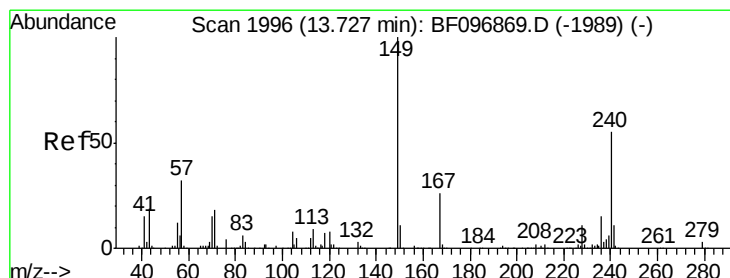
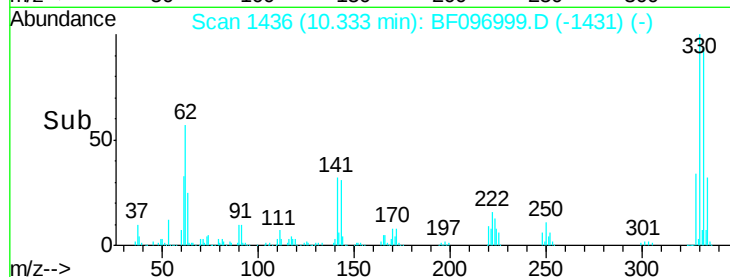
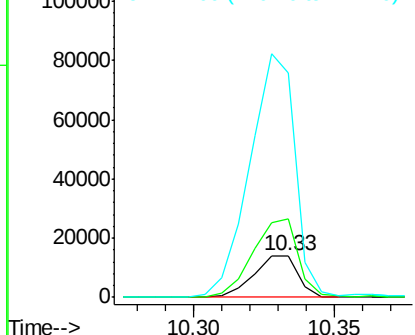
#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.27 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15330
Ion Ratio Lower Upper
248 100
250 189.7 76.8 115.2#
141 542.4 68.6 103.0#

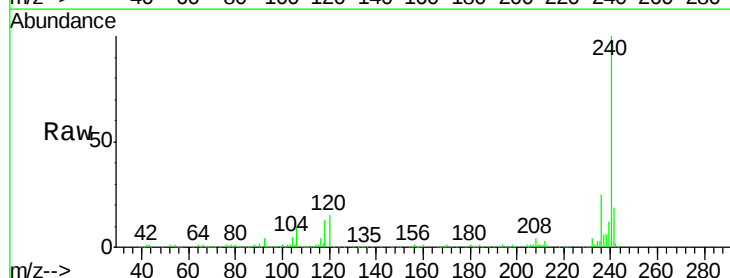


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

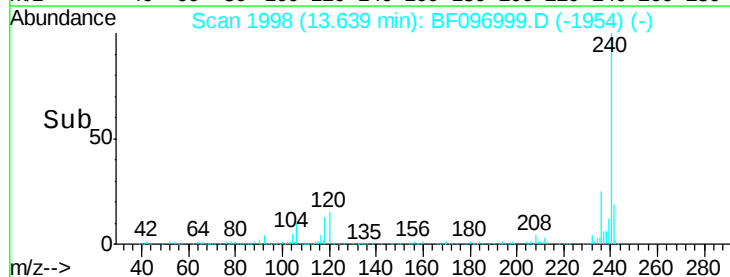
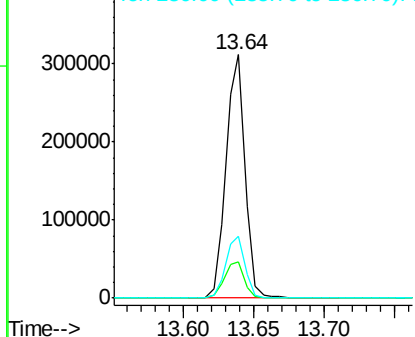


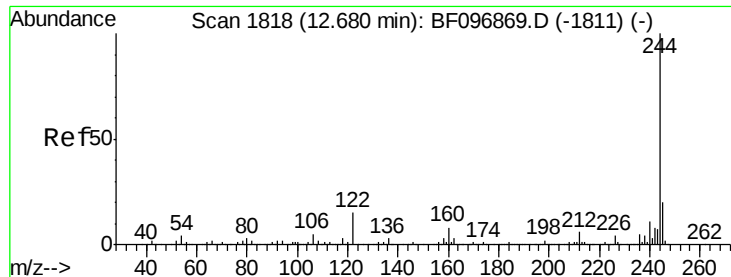
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

Tgt Ion:240 Resp: 290018
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.3 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

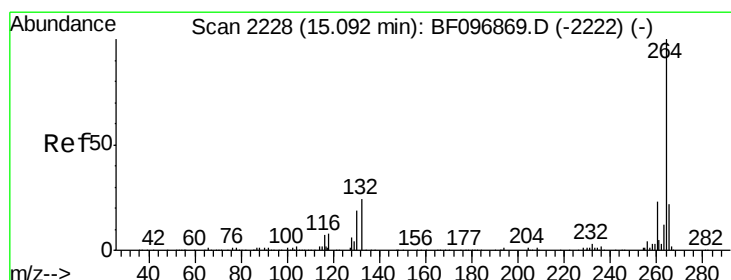
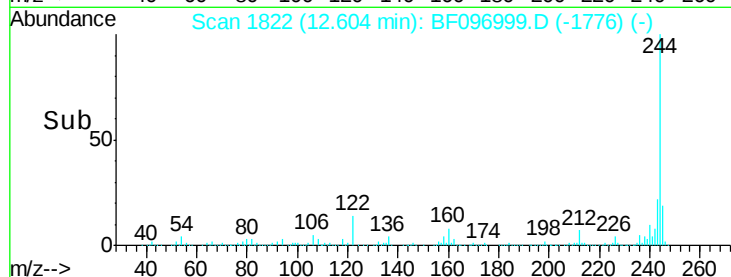
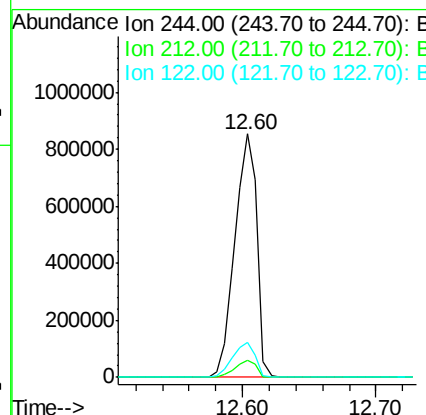
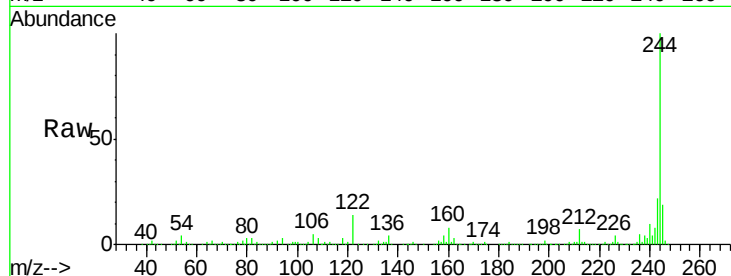




#78
 Terphenyl-d14
 Concen: 59.25 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 990808
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Tgt Ion:264 Resp: 205150
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 21.0 17.2 25.8

