

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 :
 RAMP-D-4-(0-2)

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

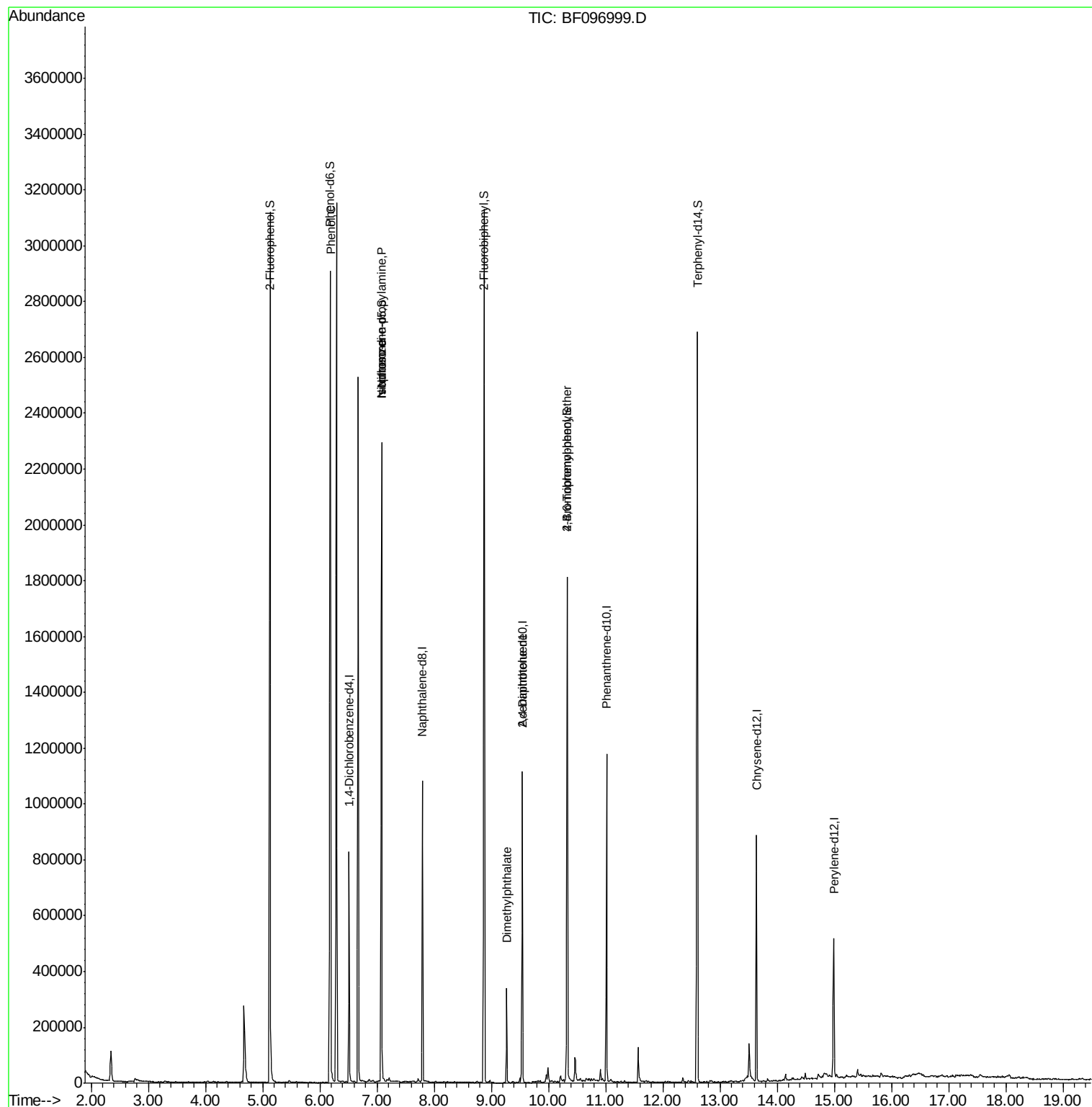
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	123446	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	489553	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	218891	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	404896	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	290018	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

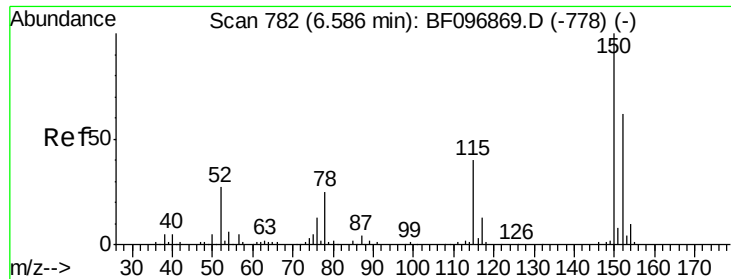
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

RAMP-D-4-(0-2)

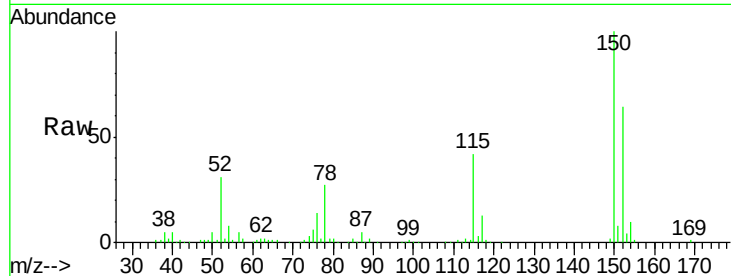
Tot Ion:152 Resp: 123446

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

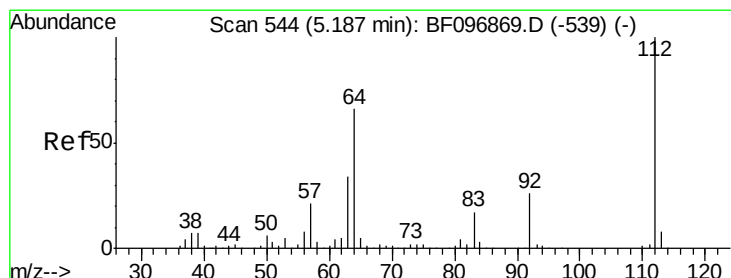
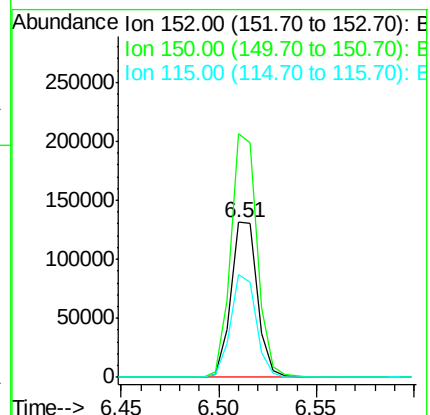
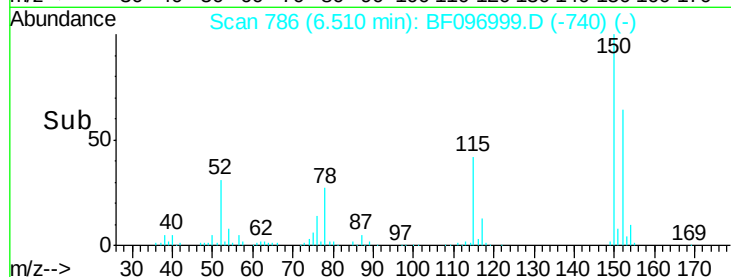
115 66.5 52.2 78.2



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

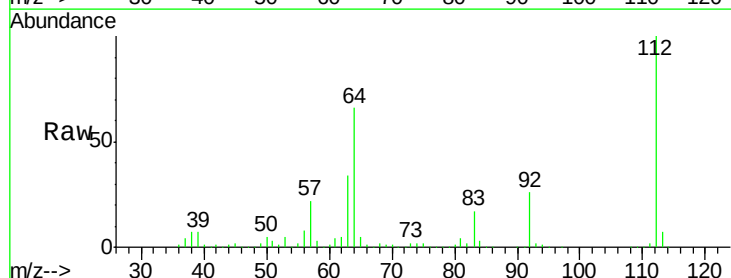
Tgt Ion:112 Resp: 961796

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

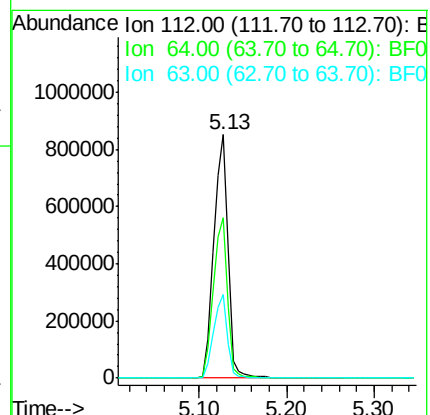
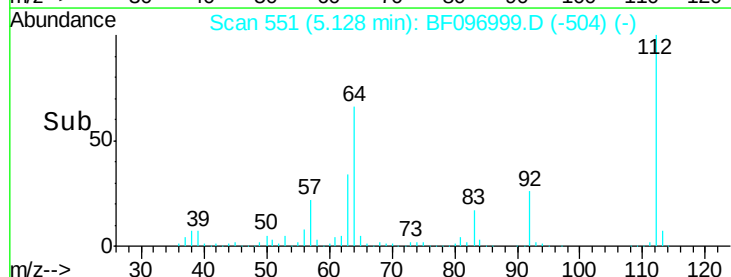
63 34.4 23.4 35.0

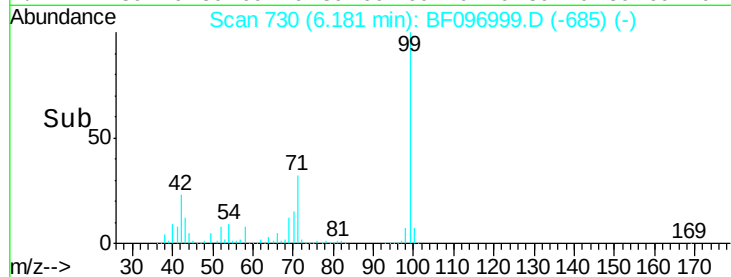
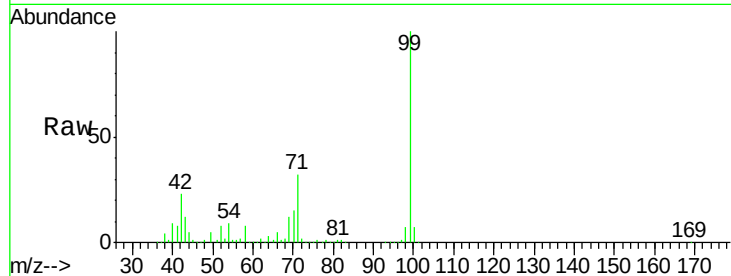
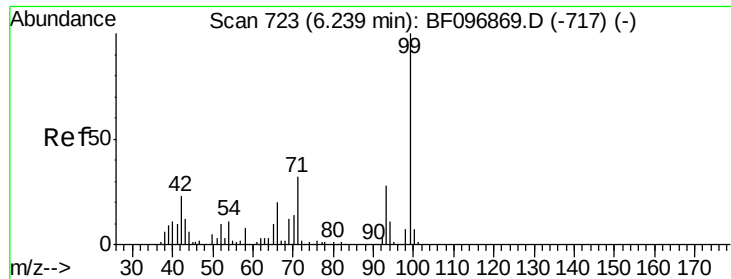


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

RAMP-D-4-(0-2)

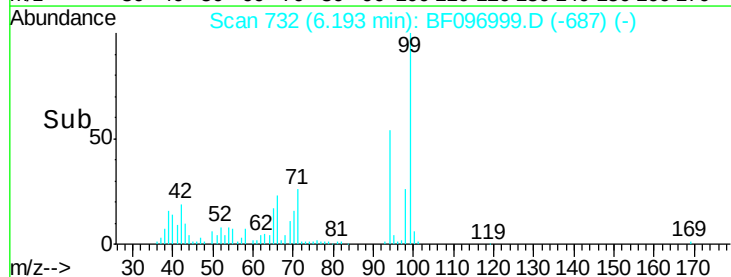
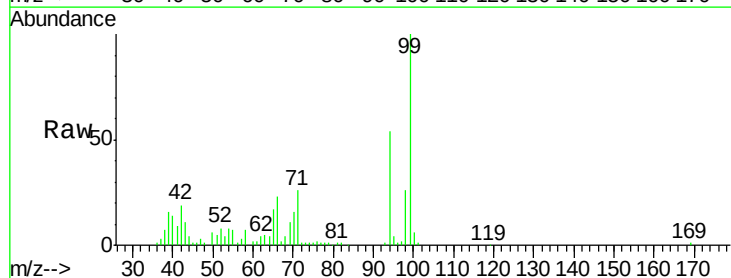
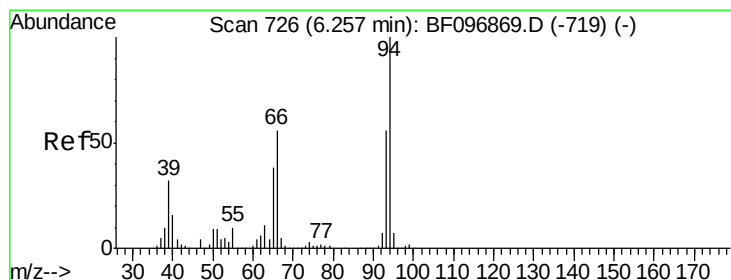
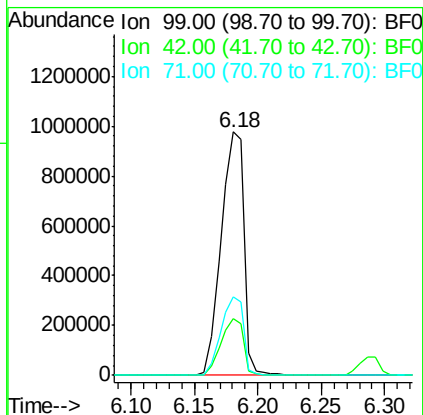
Tot Ion: 99 Resp: 1219743

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

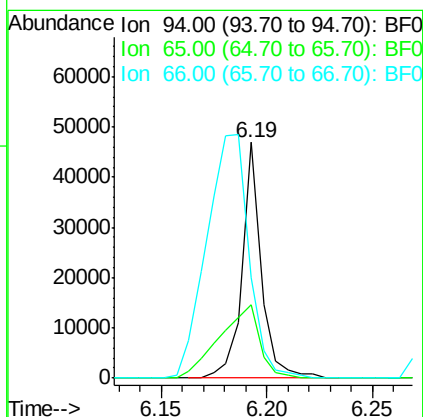
Tgt Ion: 94 Resp: 29273

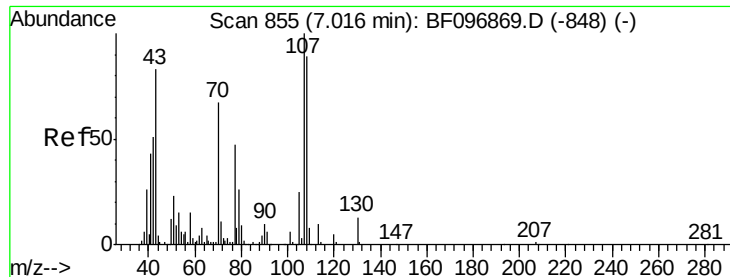
Ion Ratio Lower Upper

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 :

RAMP-D-4-(0-2)

Tot Ion: 70 Resp: 106293

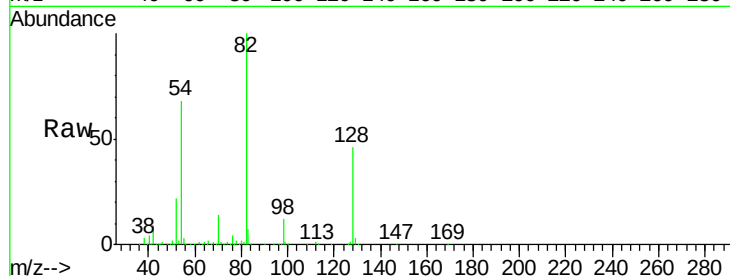
Ion Ratio Lower Upper

70 100

42 61.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

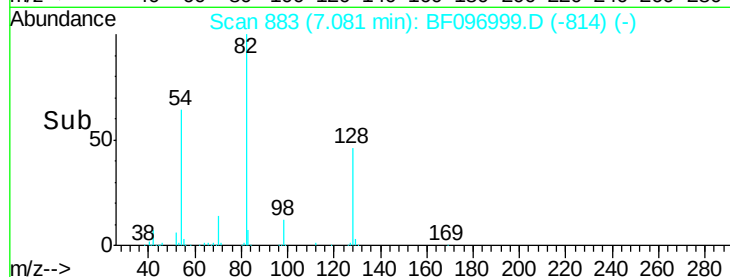


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

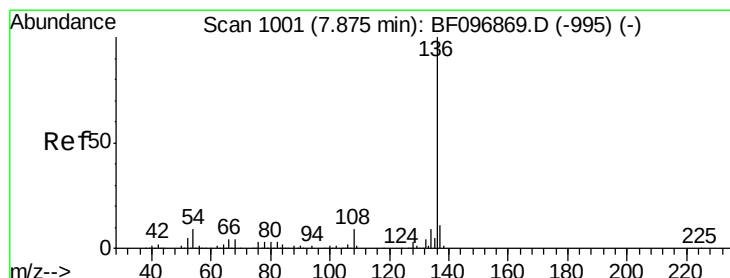
Ion 130.00 (129.70 to 130.70): E

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#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

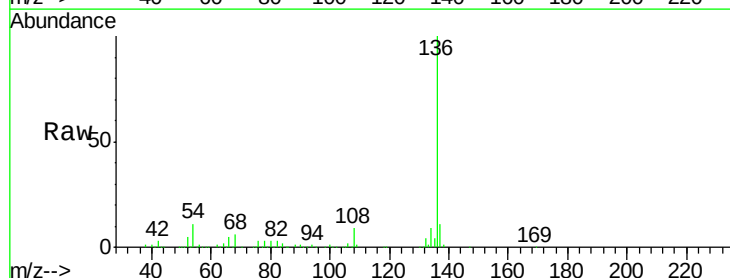
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.1 4.9 7.3#

68 5.9 4.1 6.1

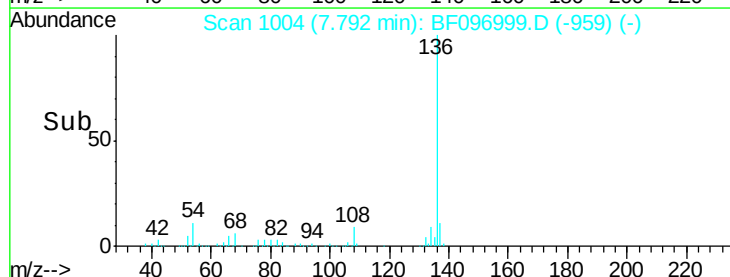


Abundance Ion 136.00 (135.70 to 136.70): E

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 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 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 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 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 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 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

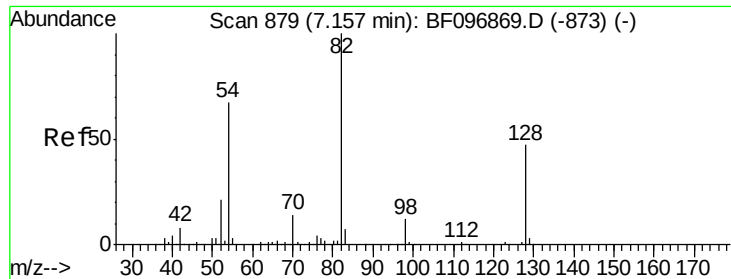
Ion 68.00 (67.70 to 68.70): BF0

Abundance 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

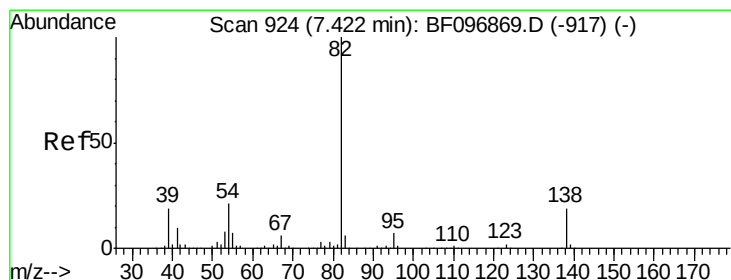
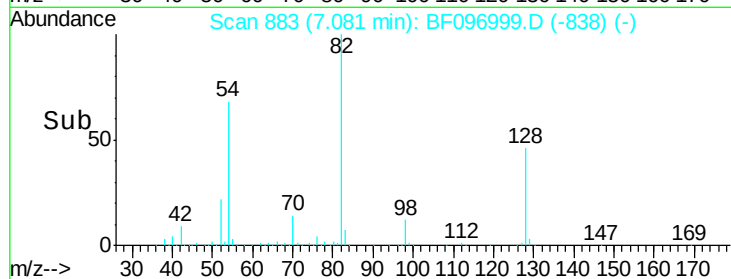
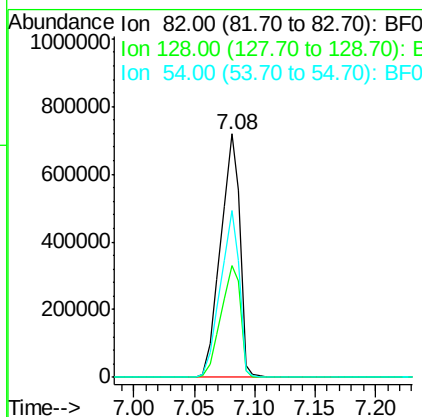
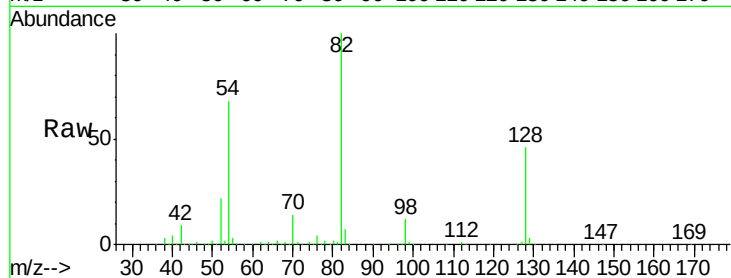
Ion 68.00 (67.70 to 68.70): BF0



#23
 Nitrobenzene-d5
 Concen: 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

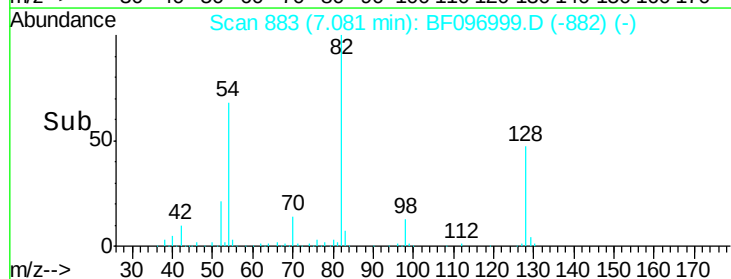
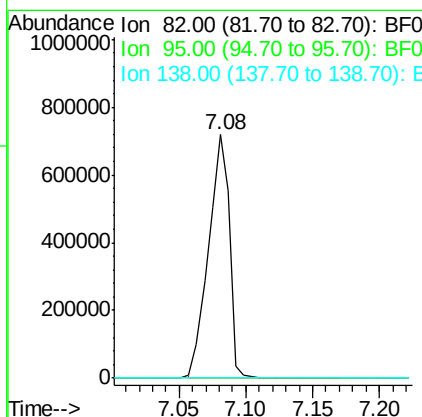
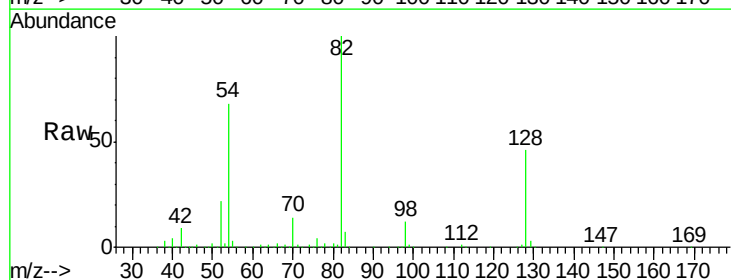
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-D-4-(0-2)

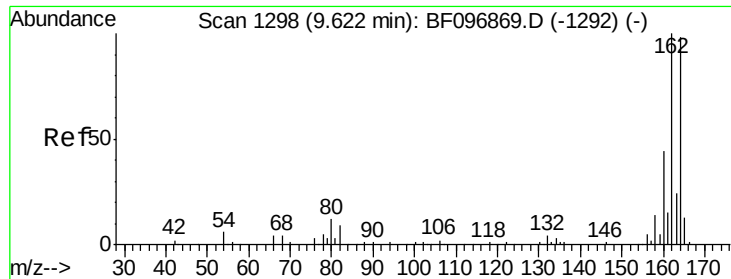
Tot Ion: 82 Resp: 789703
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 68.4 42.2 63.2#



#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#

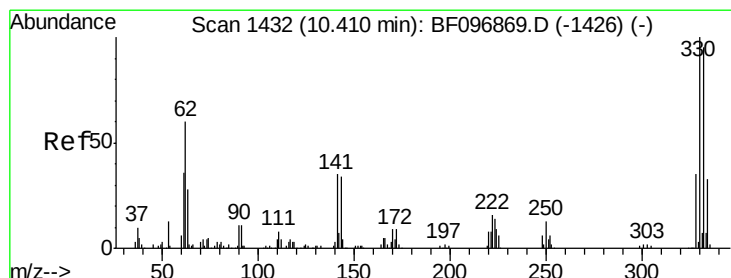
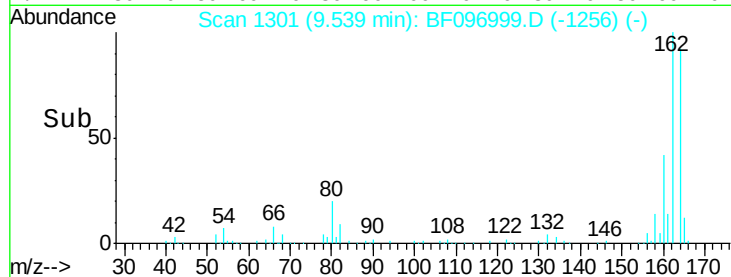
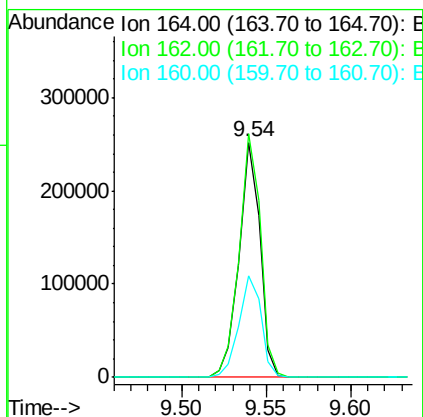
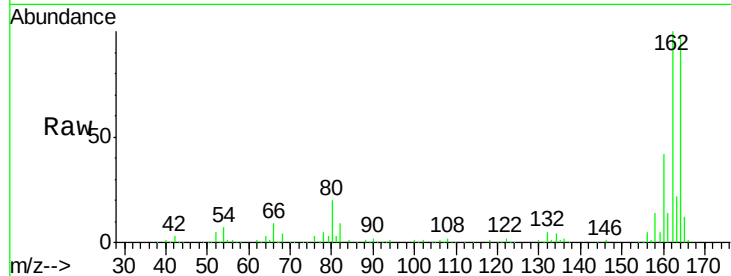




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

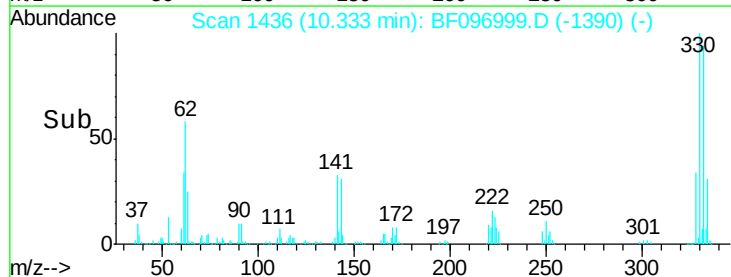
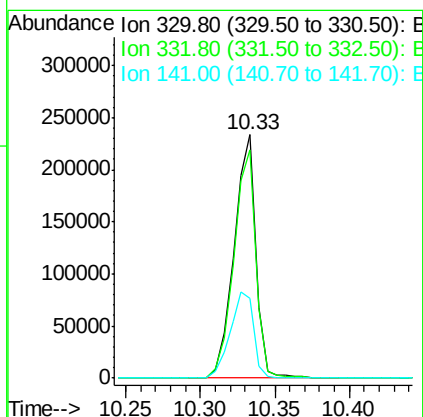
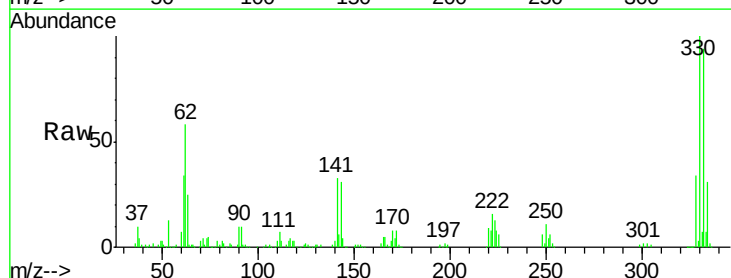
Instrument :
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RAMP-D-4-(0-2)

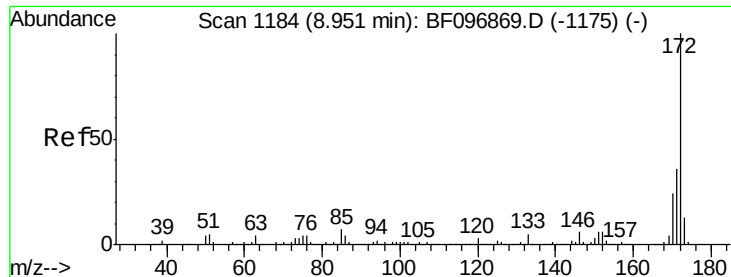
Tot Ion:164 Resp: 218891
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 43.2 36.2 54.2



#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

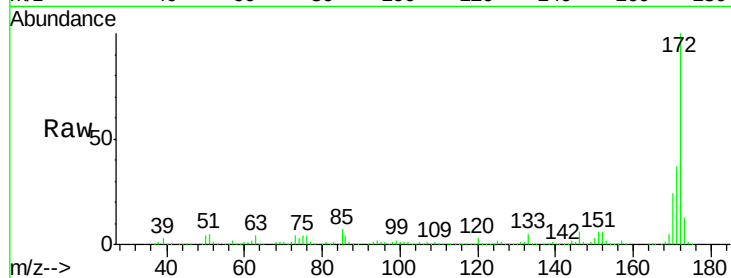




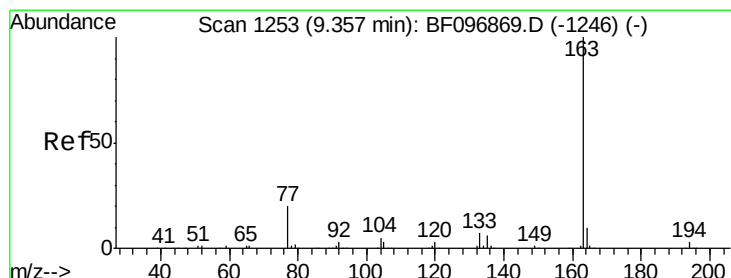
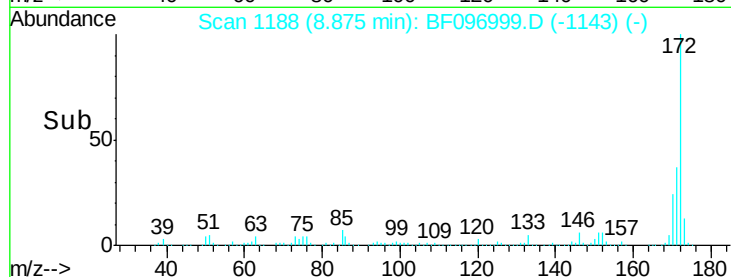
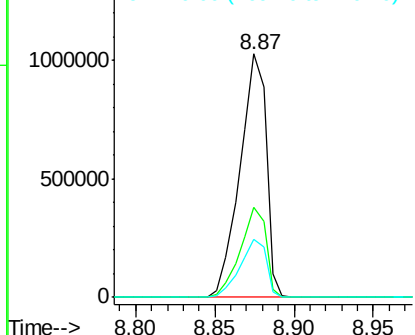
#44
2-Fluorobiphenyl
Concen: 85.19 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

Instrument :
BNA_F
ClientSampleId :
RAMP-D-4-(0-2)

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

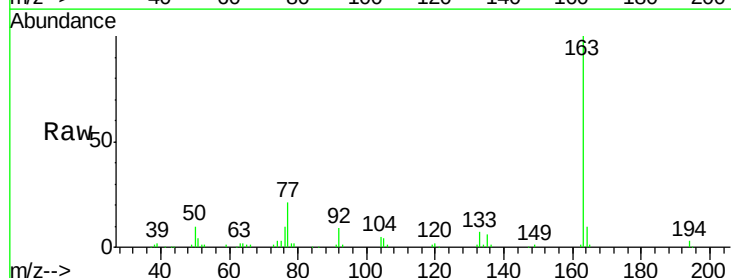


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

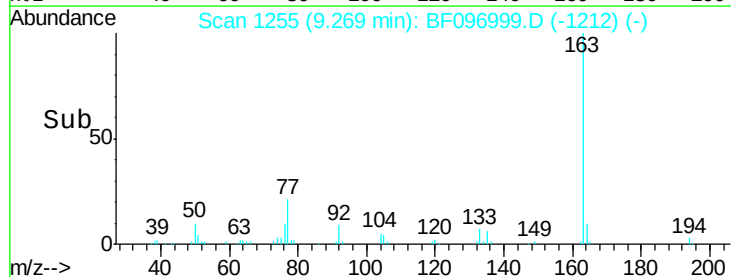
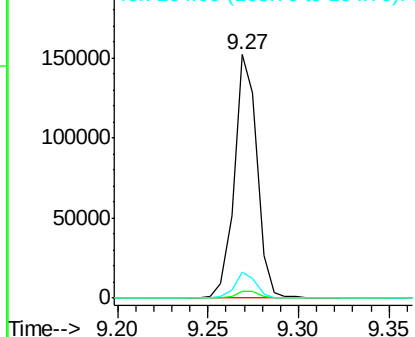


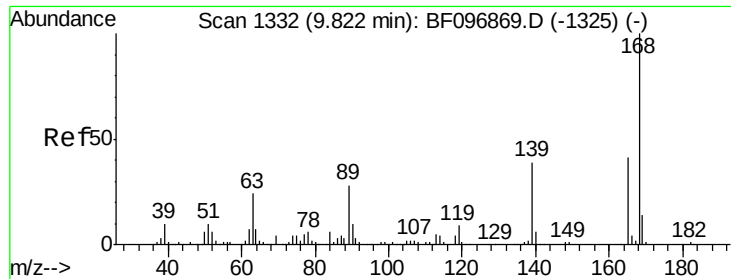
#49
Dimethylphthalate
Concen: 8.03 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF096999.D
Acq: 24 Jul 2017 21:47

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

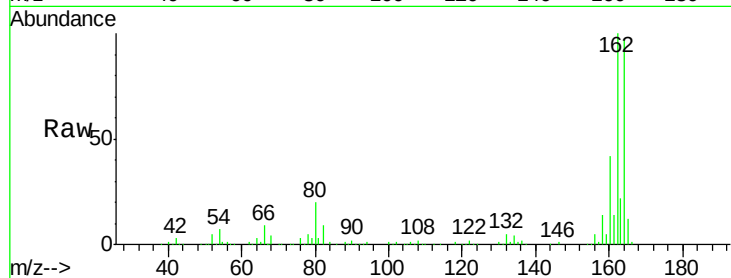




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.24 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-D-4-(0-2)

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#

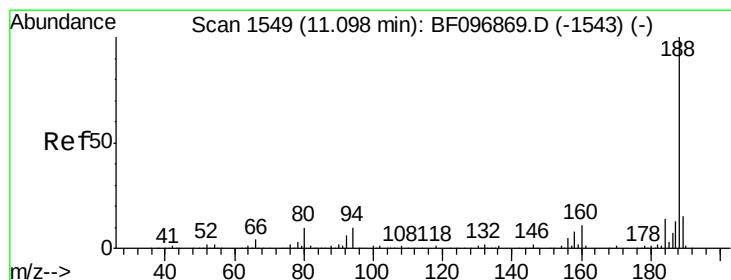
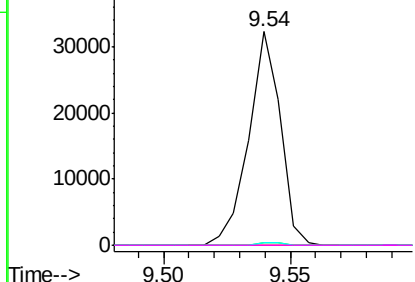
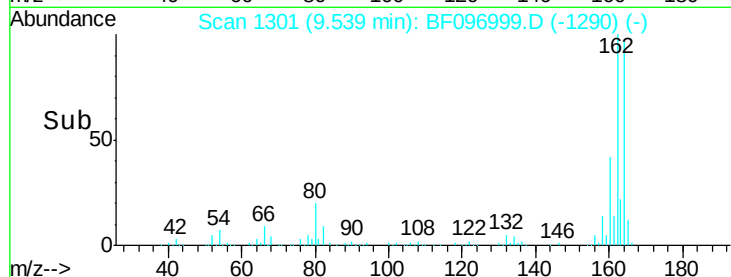


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

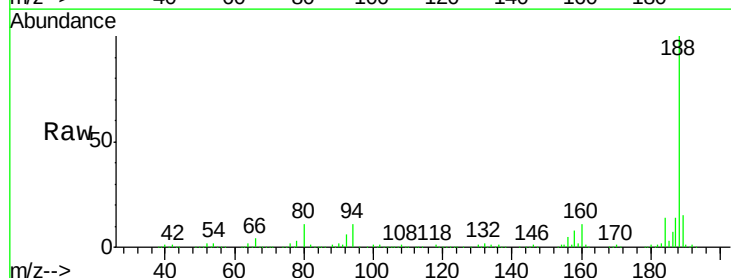
Ion 89.00 (88.70 to 89.70): BF0

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

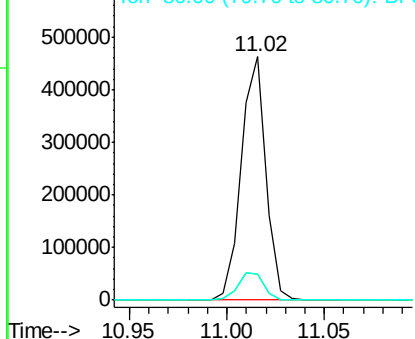
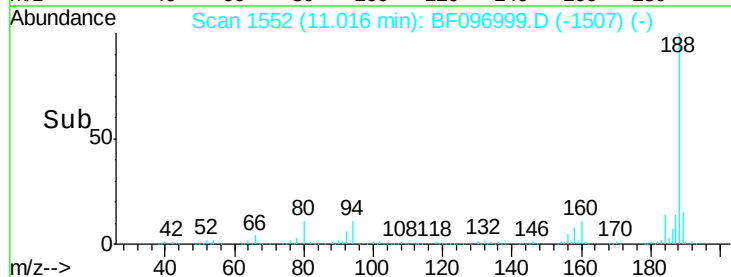
Tgt Ion:	188	Resp:	404896
Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.8	10.2	15.2

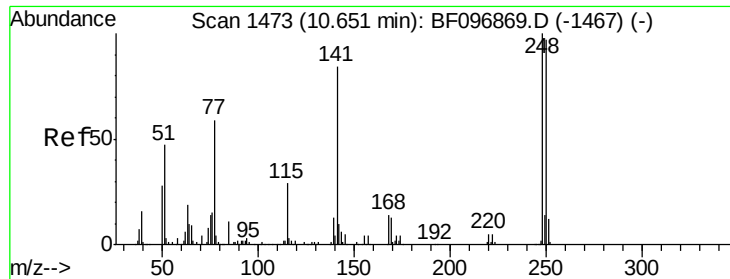


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

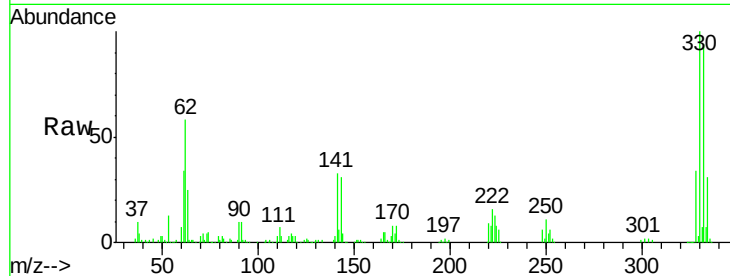




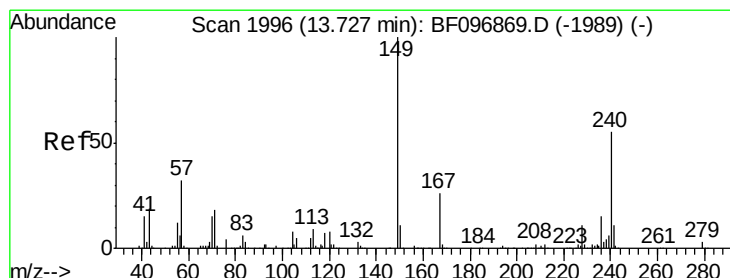
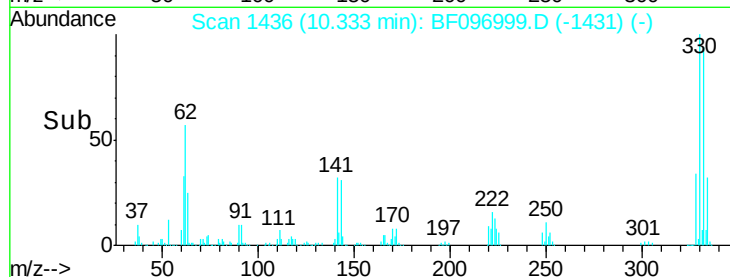
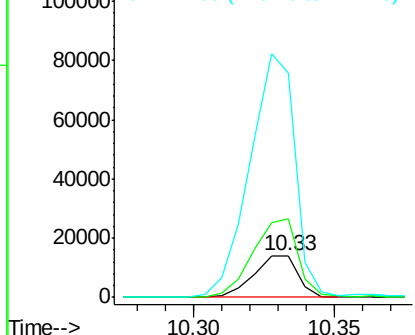
#66
 4-Bromophenyl-phenylether
 Concen: 3.71 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.27 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-D-4-(0-2)

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#

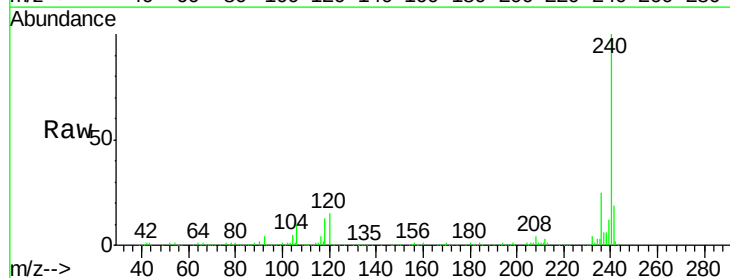


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

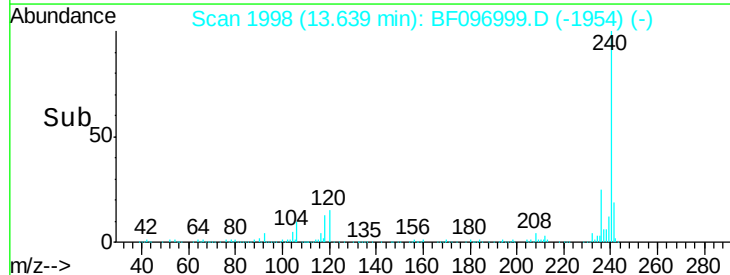
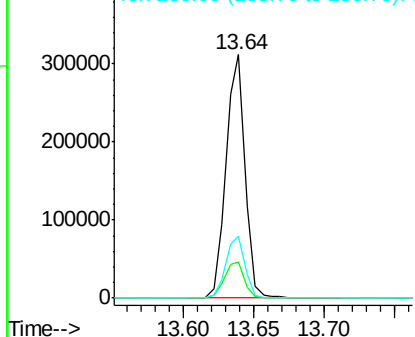


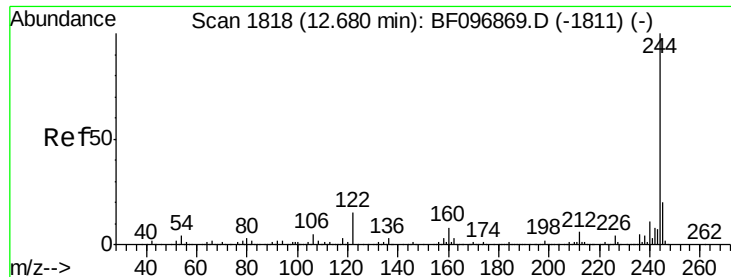
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.04 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

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

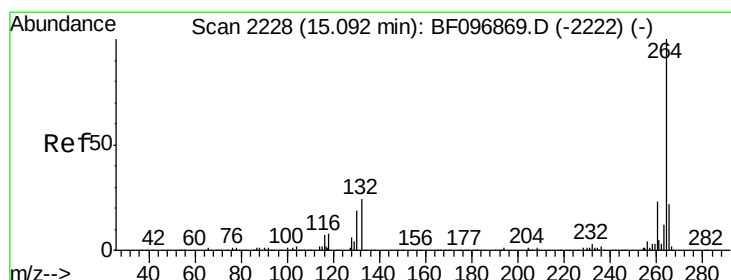
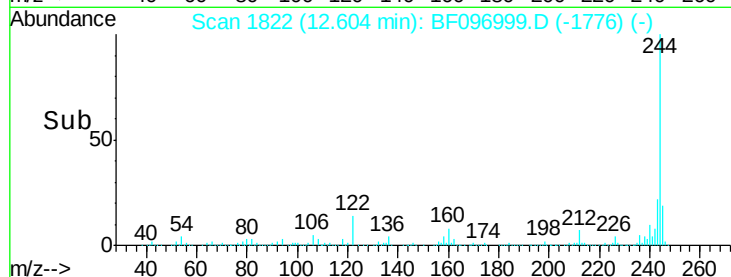
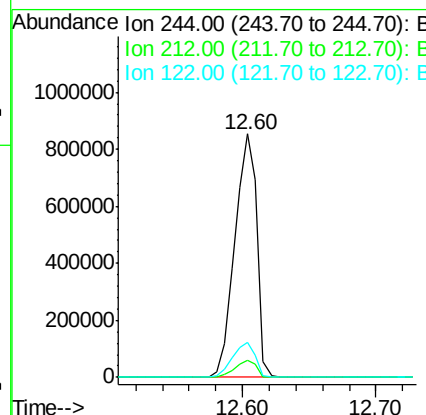
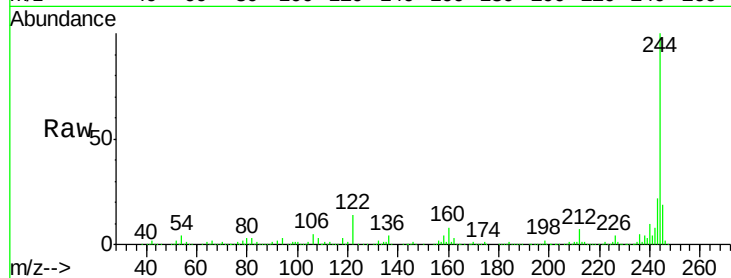




#78
 Terphenyl-d14
 Concen: 59.25 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF096999.D
 Acq: 24 Jul 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-D-4-(0-2)

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

