

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096789.D
 Acq On : 14 Jul 2017 23:27
 Operator : SJ/JU
 Sample : I4185-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 15 00:01:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

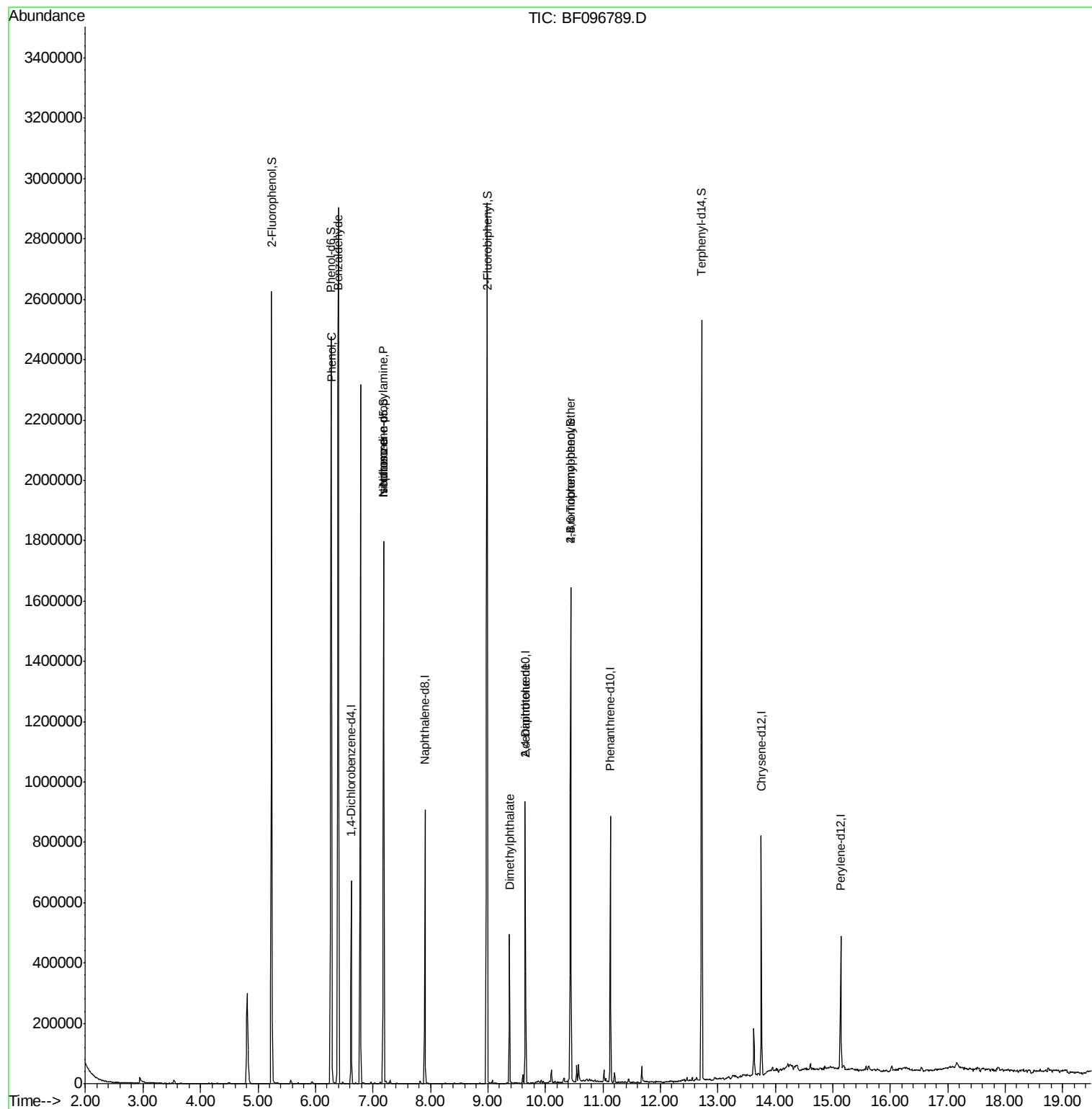
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	93036	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	392298	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	198697	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	318151	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	250227	20.00	ng	-0.02
86) Perylene-d12	15.14	264	181415	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	829419	134.04	ng	0.00
7) Phenol-d6	6.27	99	1014358	136.61	ng	0.00
23) Nitrobenzene-d5	7.19	82	598054	94.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	213661	125.98	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1049928	83.48	ng	-0.01
78) Terphenyl-d14	12.72	244	831534	57.63	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	16548	3.86	ng	82
10) Phenol	6.29	94	36782	4.38	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	79007	17.66	ng	# 88
25) Isophorone	7.19	82	594880	50.49	ng	# 67
49) Dimethylphthalate	9.38	163	208579	13.94	ng	97
56) 2,4-Dinitrotoluene	9.65	165	25473	6.12	ng	# 32
66) 4-Bromophenyl-phenylether	10.45	248	13753	4.23	ng	# 1

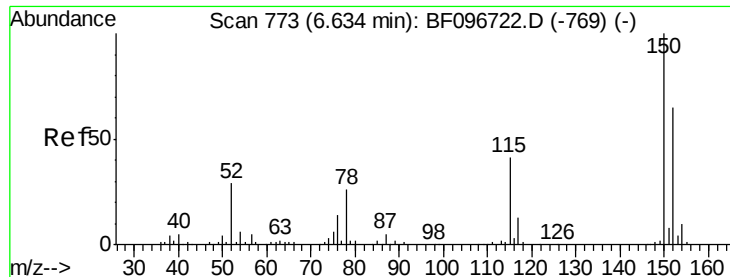
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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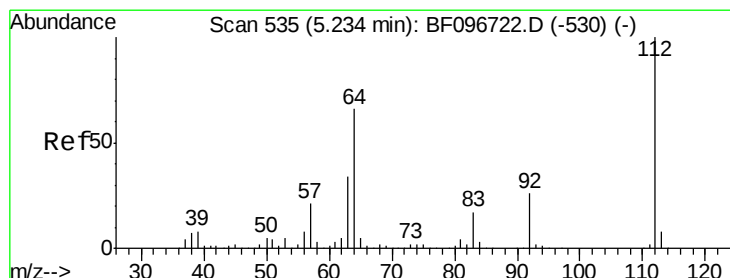
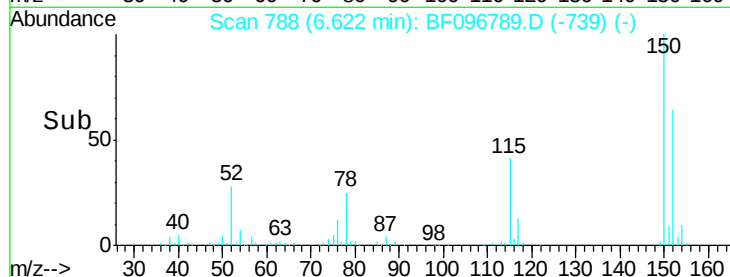
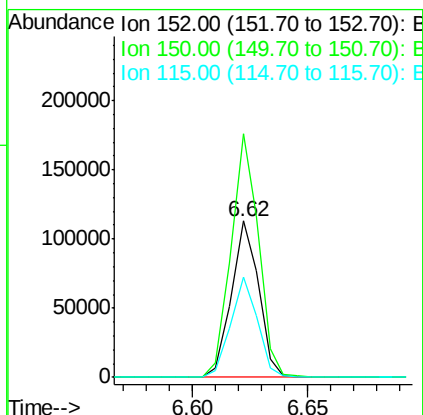
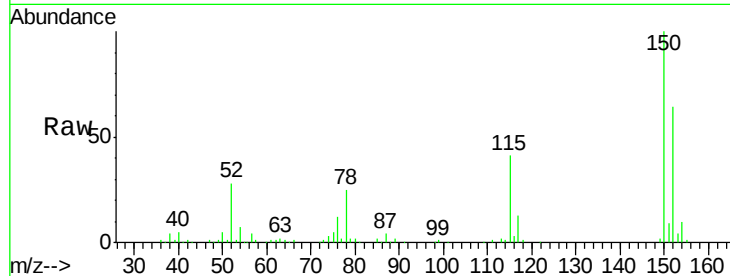


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096789.D
Acq: 14 Jul 2017 23:27

Instrument :
BNA_F
ClientSampled :

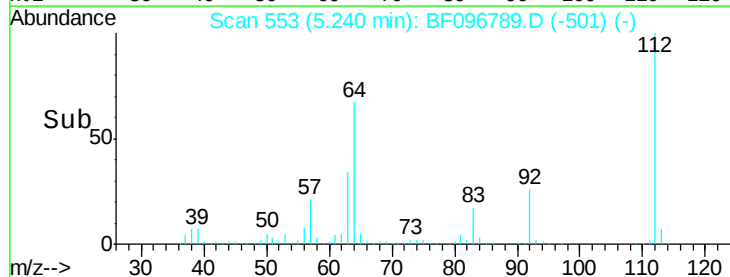
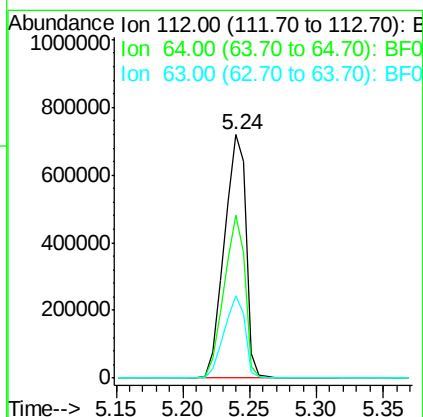
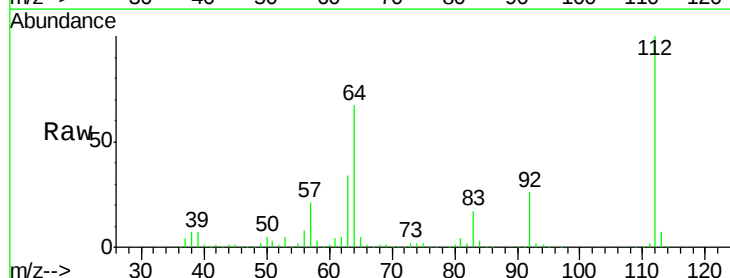
Tot Ion:152 Resp: 93036
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 64.3 52.2 78.2

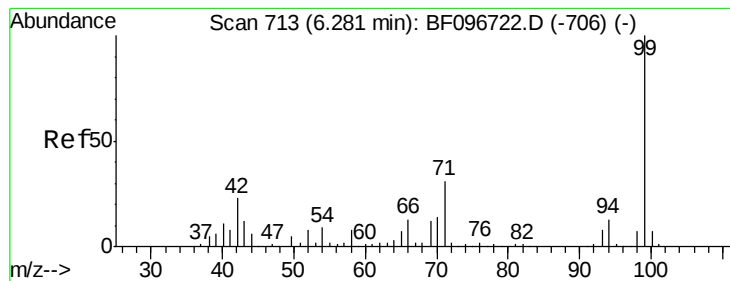


#5

2-Fluorophenol
Concen: 134.04 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096789.D
Acq: 14 Jul 2017 23:27

Tgt Ion:112 Resp: 829419
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 33.6 23.4 35.0





#7

Phenol-d6

Concen: 136.61 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

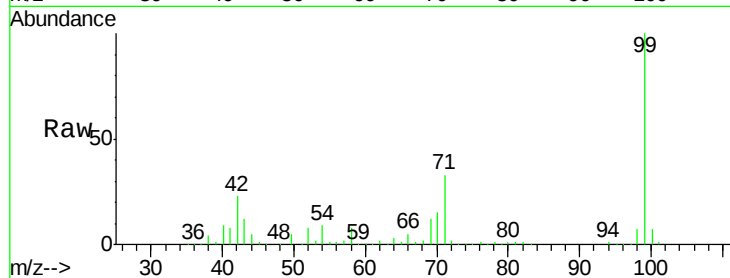
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1014358

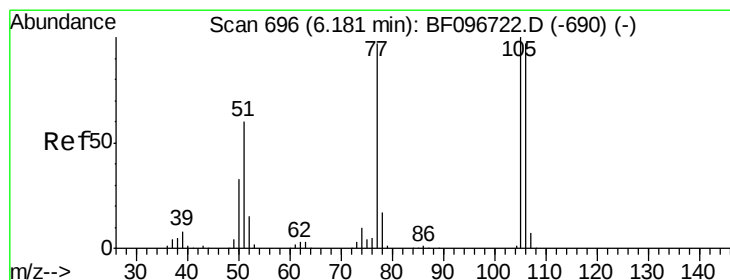
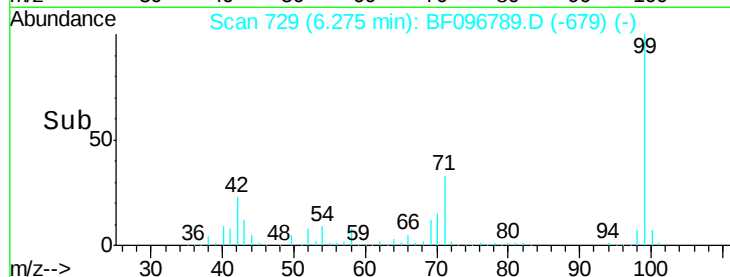
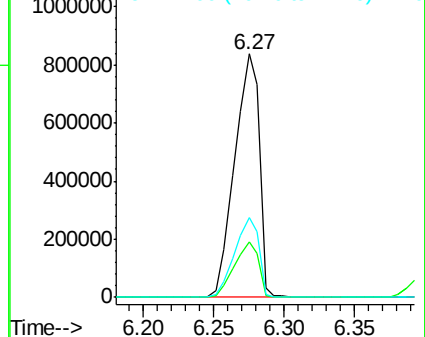
Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3
71	32.7	24.5	36.7



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



#9

Benzaldehyde

Concen: 3.86 ng

RT: 6.40 min Scan# 750

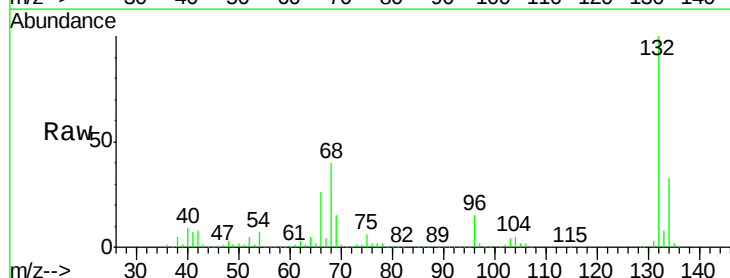
Delta R.T. 0.22 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

Tgt Ion: 77 Resp: 16548

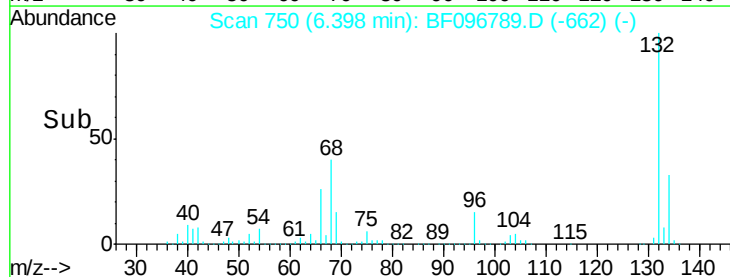
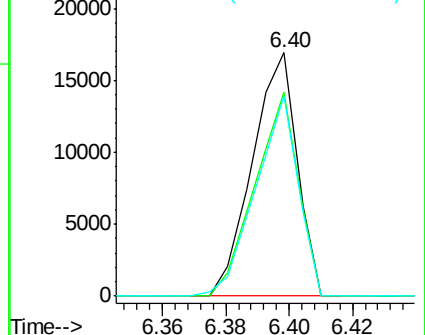
Ion	Ratio	Lower	Upper
77	100		
105	83.8	83.8	123.8
106	82.2	79.1	119.1

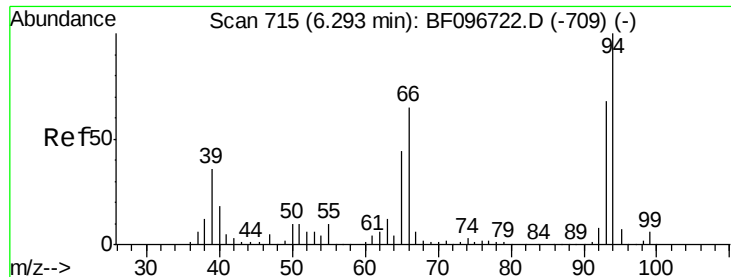


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

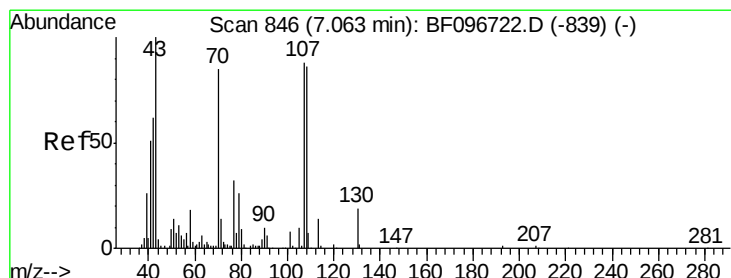
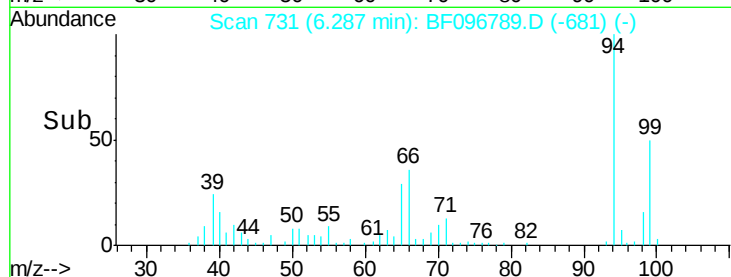
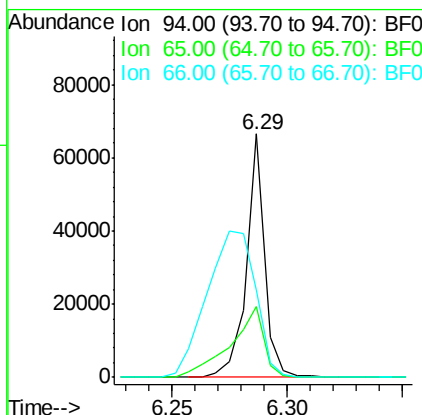
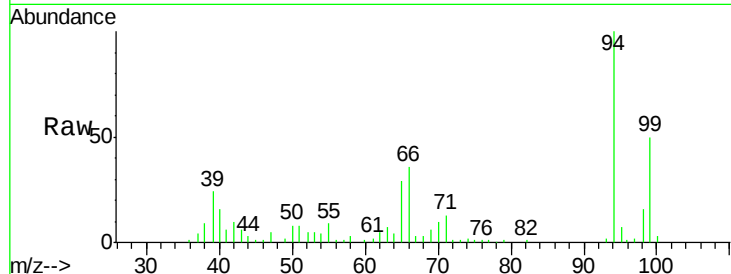




#10
Phenol
Concen: 4.38 ng
RT: 6.29 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096789.D
Acq: 14 Jul 2017 23:27

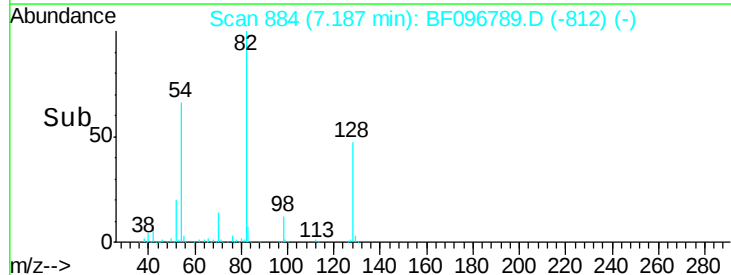
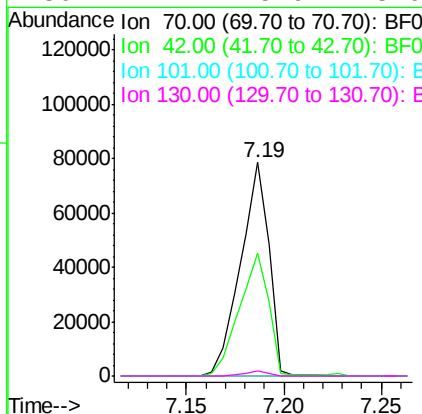
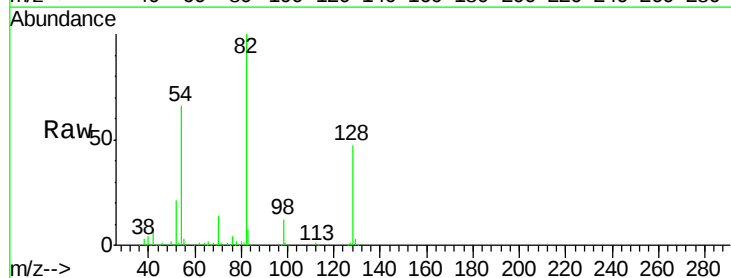
Instrument :
BNA_F
ClientSampled :

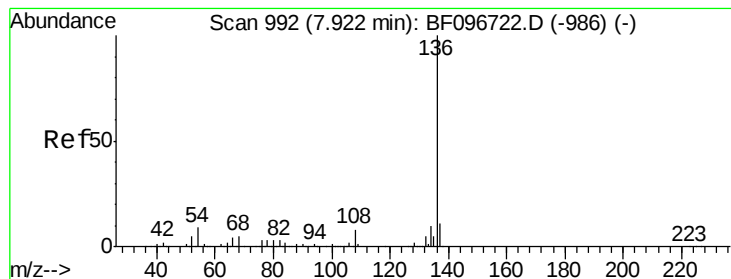
Tot Ion: 94 Resp: 36782
Ion Ratio Lower Upper
94 100
65 29.0 9.9 49.9
66 36.2 23.1 63.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.66 ng
RT: 7.19 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF096789.D
Acq: 14 Jul 2017 23:27

Tgt Ion: 70 Resp: 79007
Ion Ratio Lower Upper
70 100
42 57.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 392298

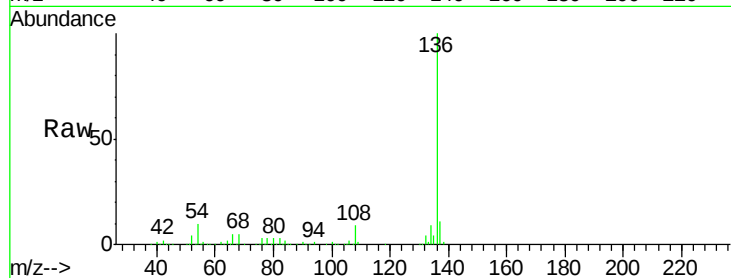
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 9.7 4.9 7.3#

68 4.7 4.1 6.1

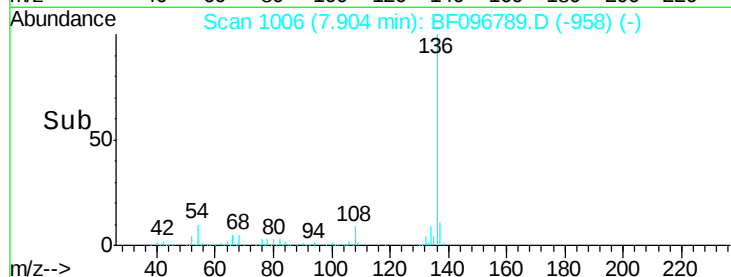


Abundance Ion 136.00 (135.70 to 136.70): E

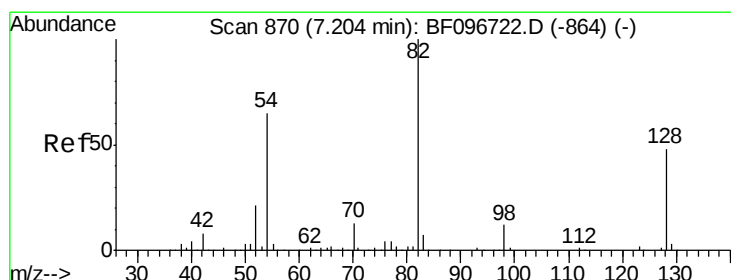
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 94.43 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

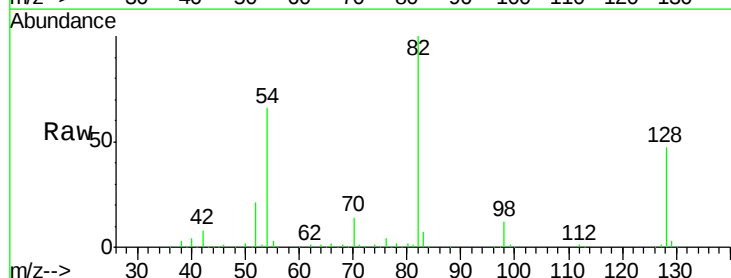
Tgt Ion: 82 Resp: 598054

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

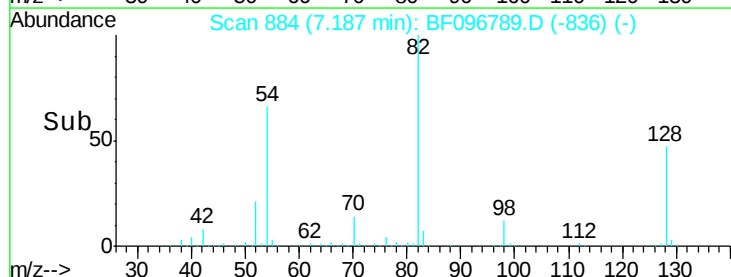
54 66.3 42.2 63.2#



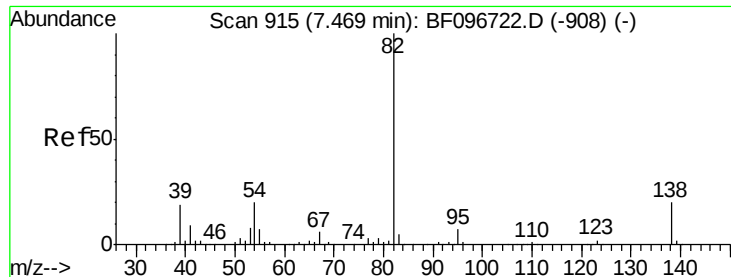
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 50.49 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

Instrument :

BNA_F

ClientSampleId :

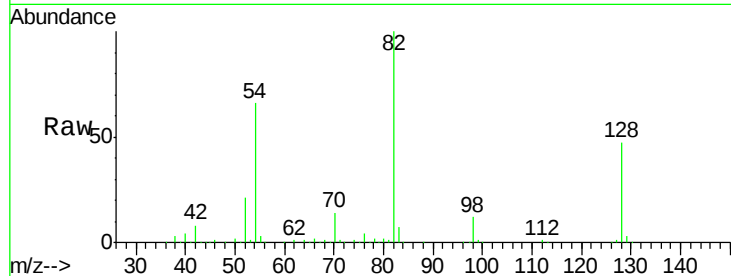
Tot Ion: 82 Resp: 594880

Ion Ratio Lower Upper

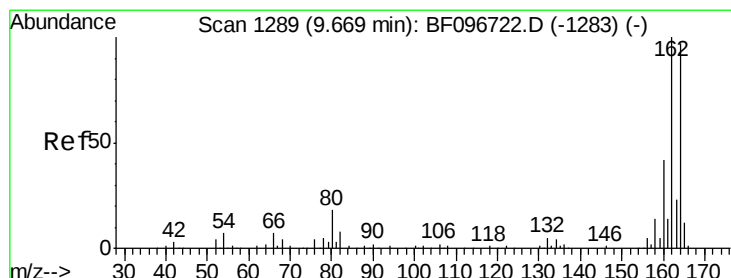
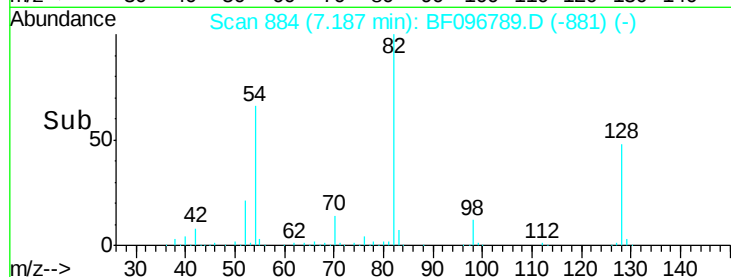
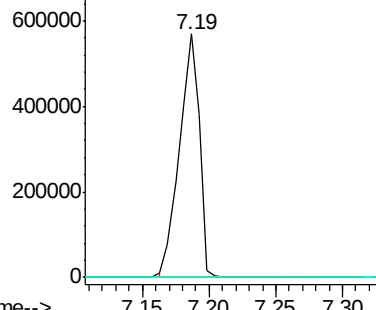
82 100

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: 9.65 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

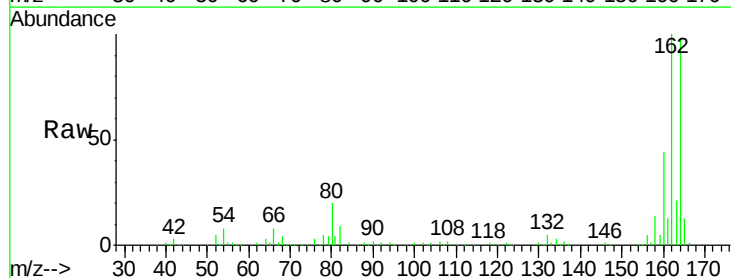
Tgt Ion: 164 Resp: 198697

Ion Ratio Lower Upper

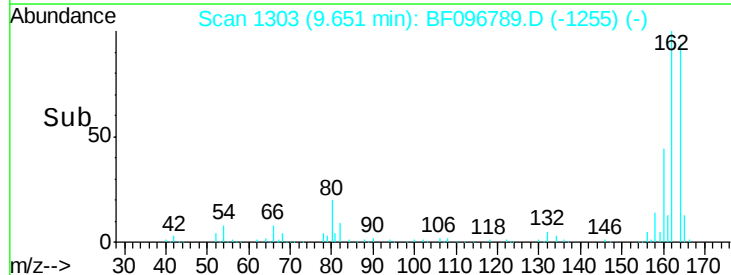
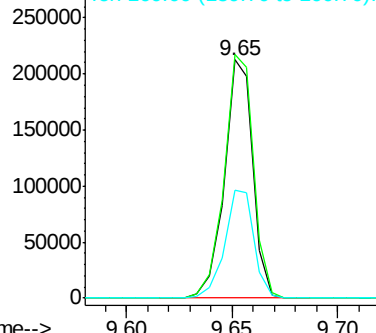
164 100

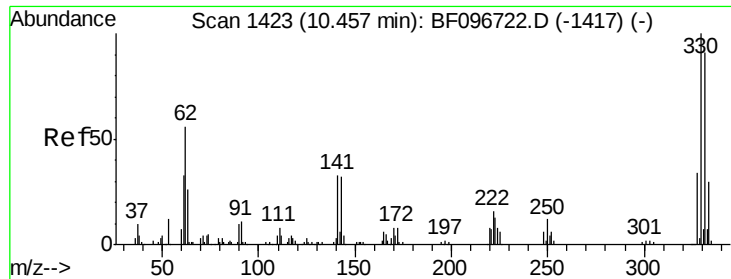
162 102.3 82.6 123.8

160 45.1 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: 125.98 ng

RT: 10.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

Instrument :

BNA_F

ClientSampleId :

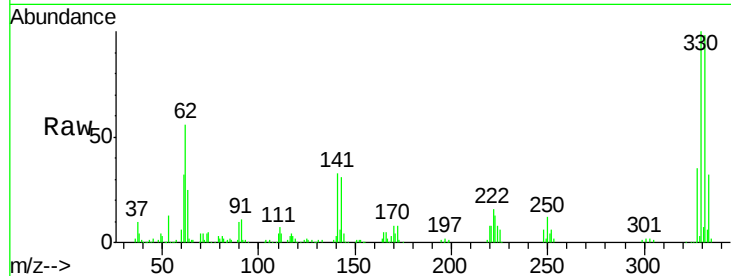
Tot Ion:330 Resp: 213661

Ion Ratio Lower Upper

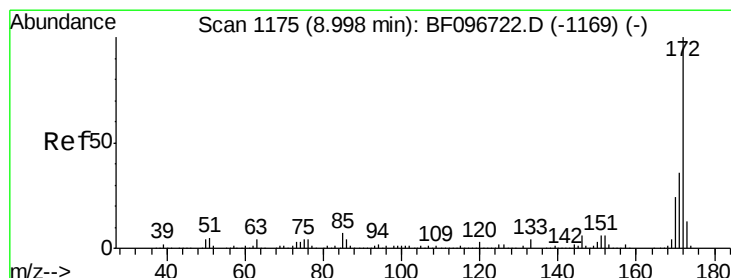
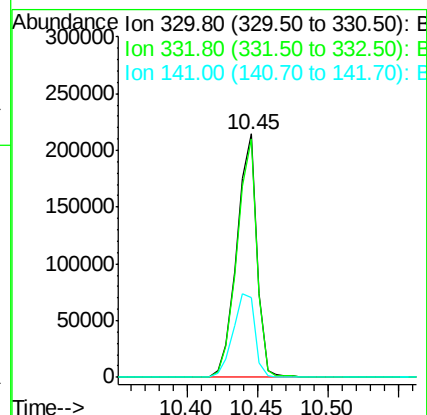
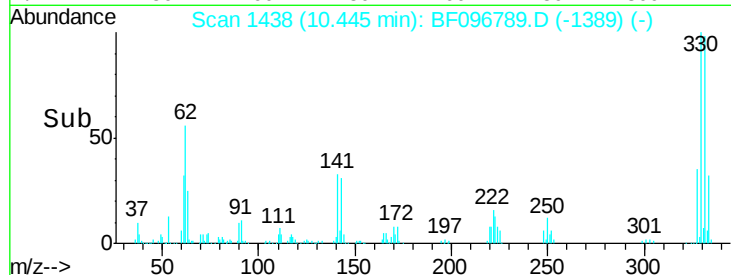
330 100

332 96.9 76.6 115.0

141 37.2 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: 83.48 ng

RT: 8.99 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

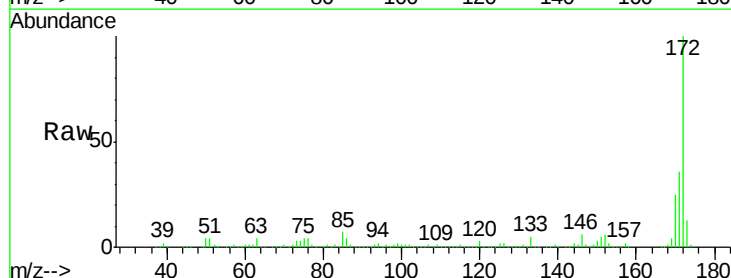
Tgt Ion:172 Resp: 1049928

Ion Ratio Lower Upper

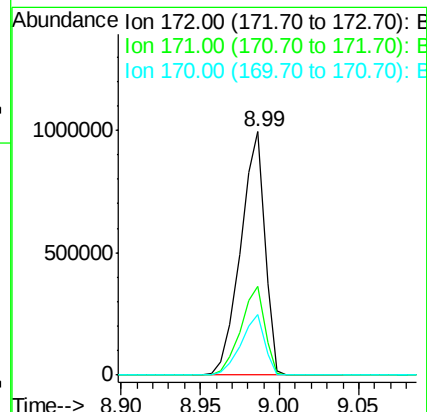
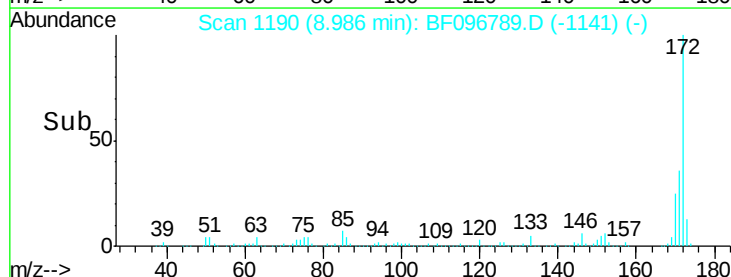
172 100

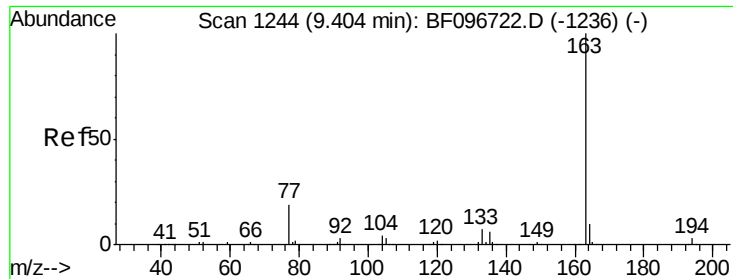
171 36.2 29.6 44.4

170 24.7 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

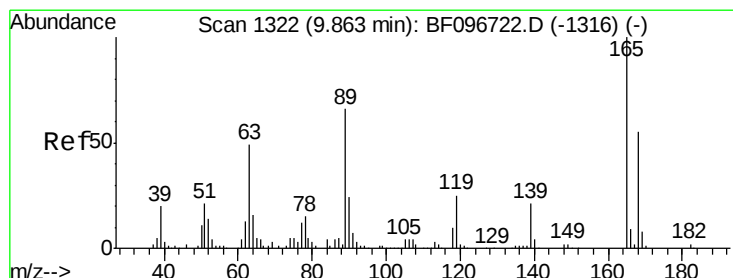
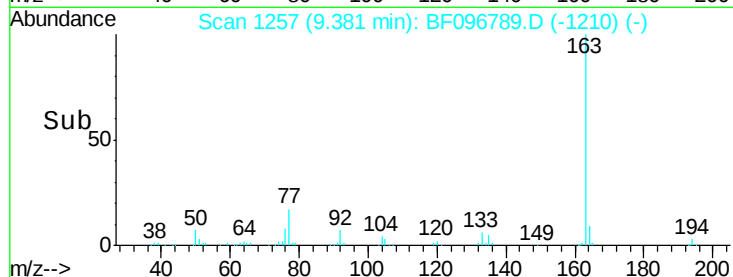
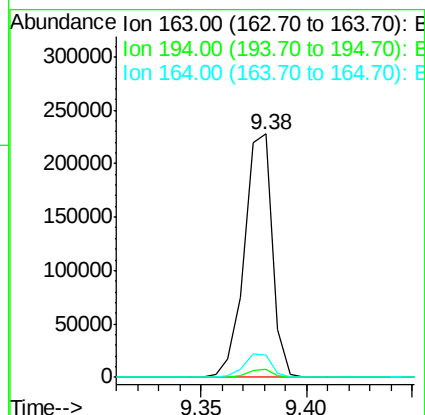
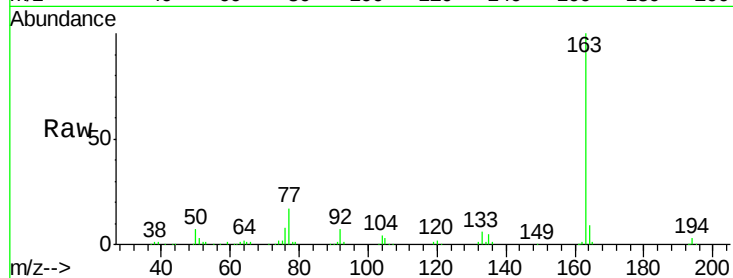




#49
Dimethylphthalate
Concen: 13.94 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096789.D
Acq: 14 Jul 2017 23:27

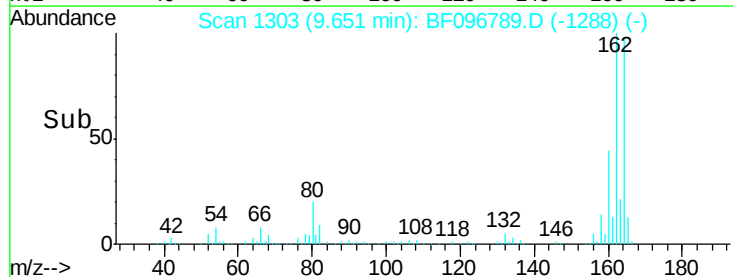
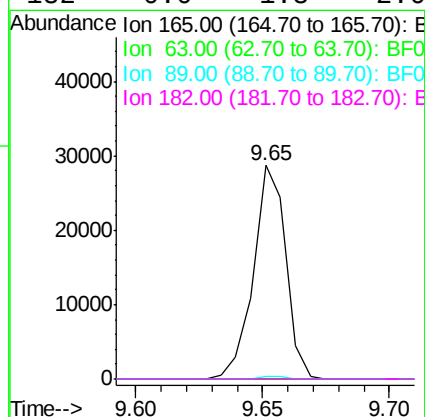
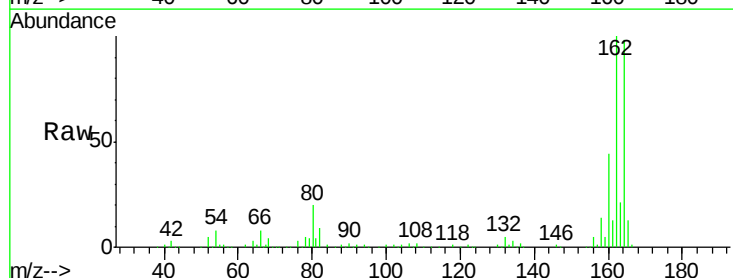
Instrument :
BNA_F
ClientSampleId :

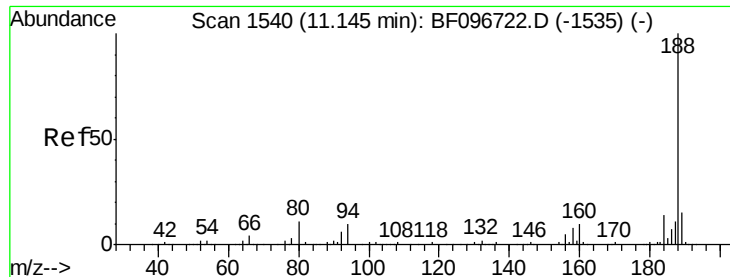
Tot Ion:163 Resp: 208579
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 8.9 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.65 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF096789.D
Acq: 14 Jul 2017 23:27

Tgt Ion:165 Resp: 25473
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.2 46.4 69.6#
182 0.0 1.8 2.6#

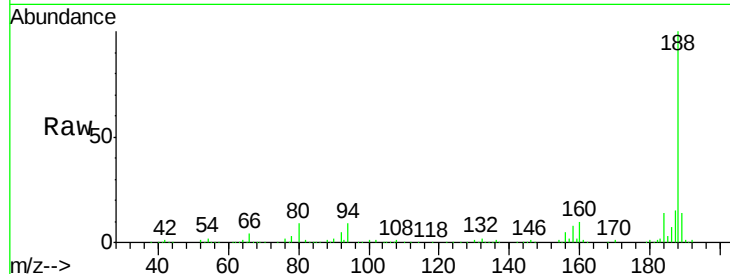




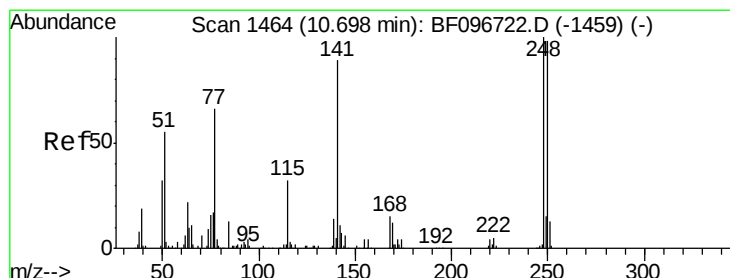
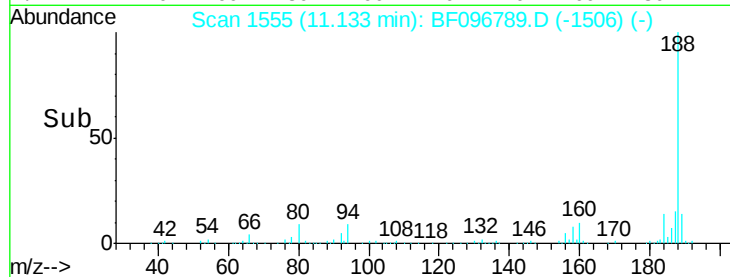
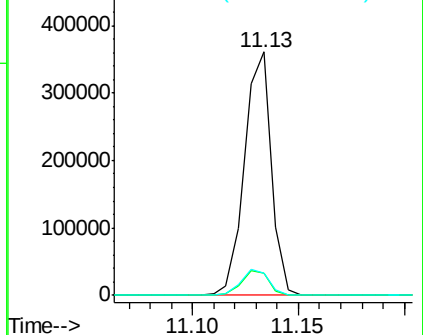
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096789.D
 Acq: 14 Jul 2017 23:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	9.3	10.2	15.2#

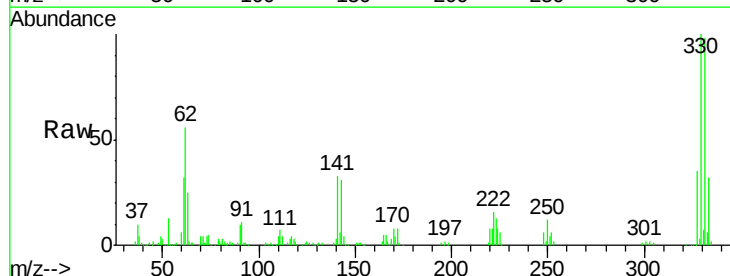


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

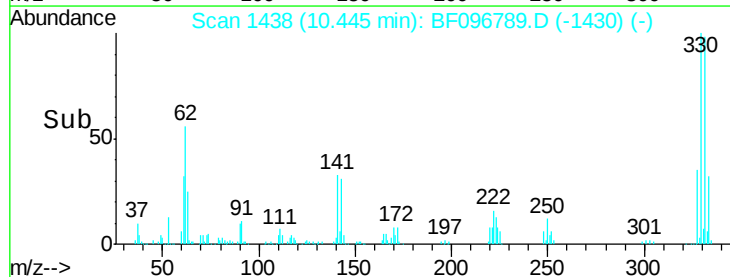
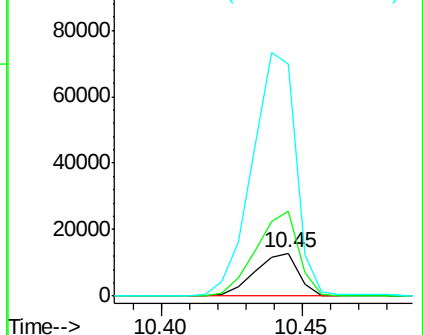


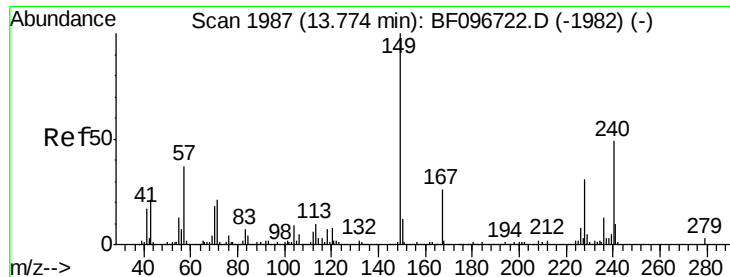
#66
 4-Bromophenyl-phenylether
 Concen: 4.23 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF096789.D
 Acq: 14 Jul 2017 23:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.5	76.8	115.2#
141	542.7	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: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

Instrument :

BNA_F

ClientSampleId :

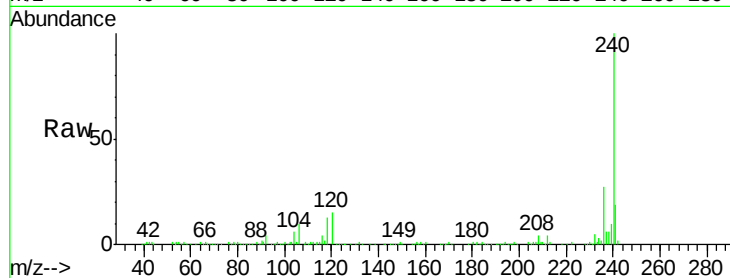
Tot Ion:240 Resp: 250227

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

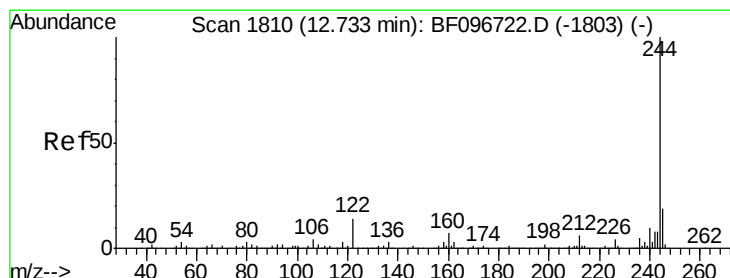
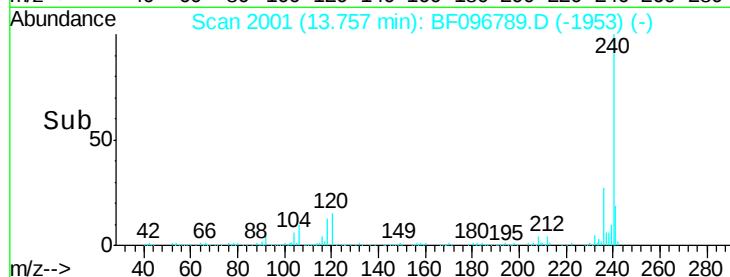
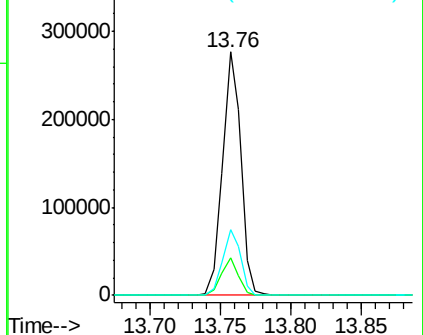
236 27.0 20.5 30.7



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: 57.63 ng

RT: 12.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096789.D

Acq: 14 Jul 2017 23:27

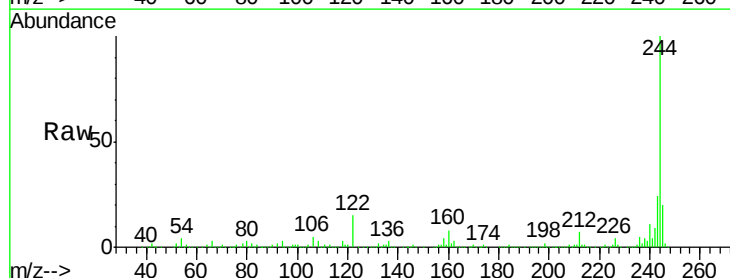
Tgt Ion:244 Resp: 831534

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

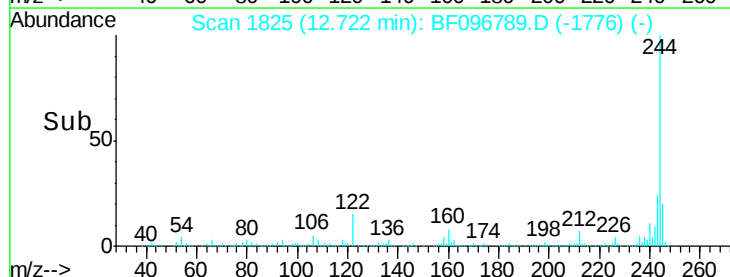
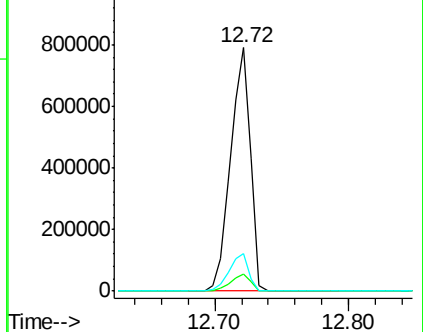
122 15.3 10.3 15.5

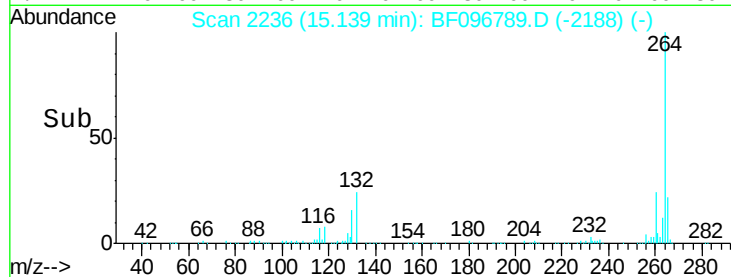
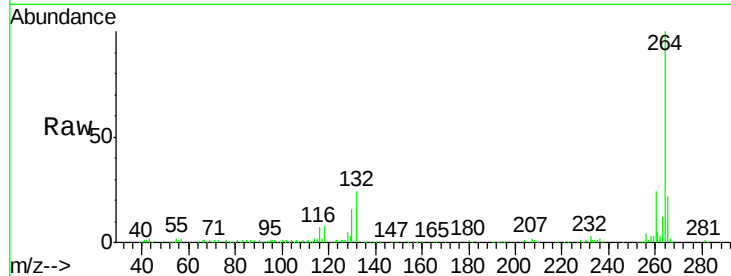
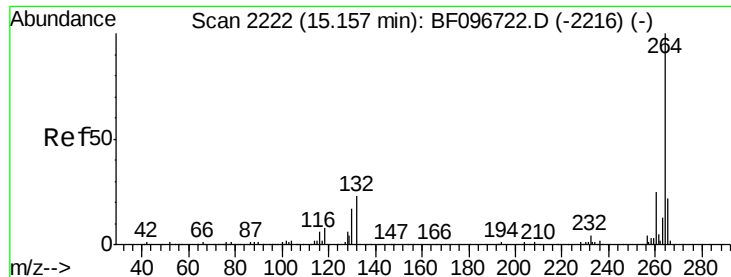


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096789.D
Acq: 14 Jul 2017 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	181415
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	17.2	25.8

