

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096600.D
 Acq On : 10 Jul 2017 14:51
 Operator : SJ/JU
 Sample : I4061-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:08:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

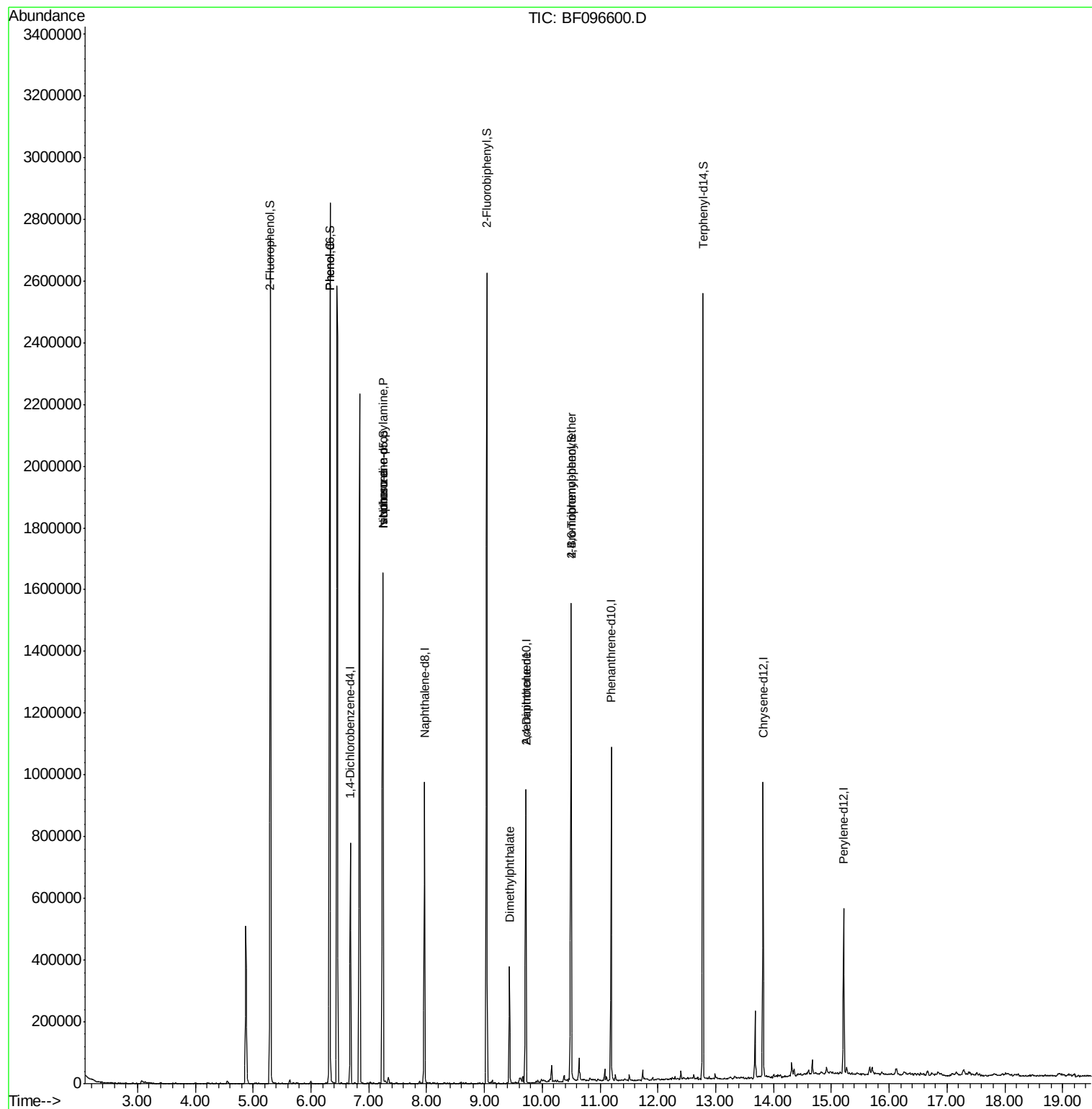
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	107749	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	456119	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	207625	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	380712	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	336585	20.00	ng	-0.02
86) Perylene-d12	15.22	264	221907	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	784024	107.40	ng	-0.01
7) Phenol-d6	6.33	99	1069880	119.21	ng	-0.02
23) Nitrobenzene-d5	7.25	82	570112	75.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	185928	114.64	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1006675	82.90	ng	-0.02
78) Terphenyl-d14	12.78	244	854647	54.26	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	36438	3.56	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.24	70	75425	14.11	ng	# 88
25) Isophorone	7.25	82	566821	38.51	ng	# 67
49) Dimethylphthalate	9.43	163	144383	9.32	ng	99
56) 2,4-Dinitrotoluene	9.72	165	26213	6.04	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	12260	3.31	ng	# 1

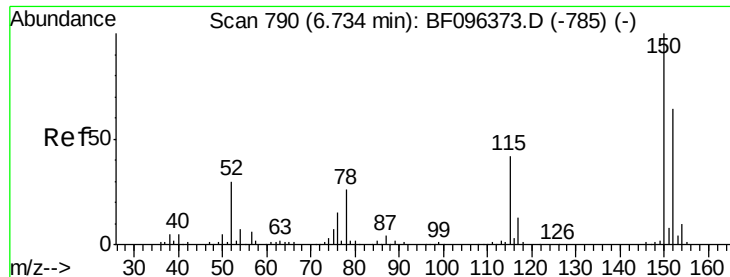
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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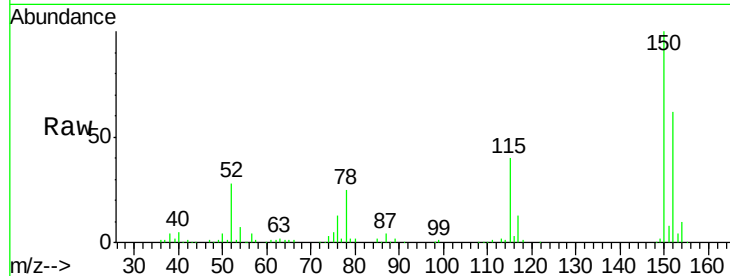


#1

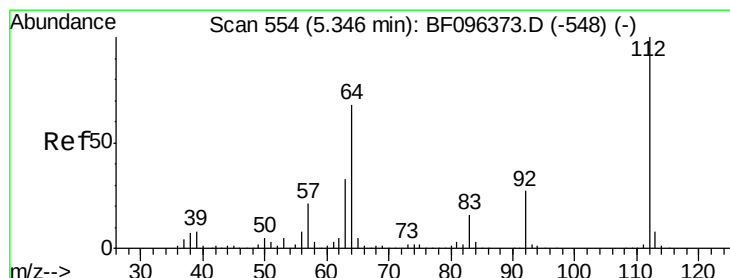
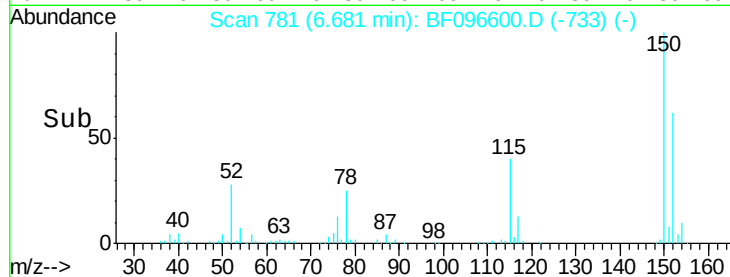
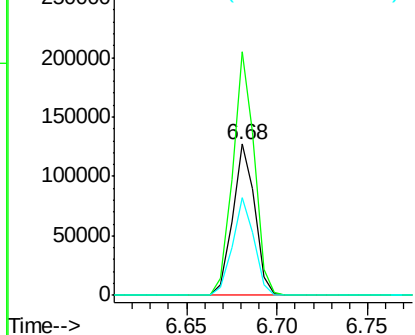
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107749
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 64.9 52.2 78.2



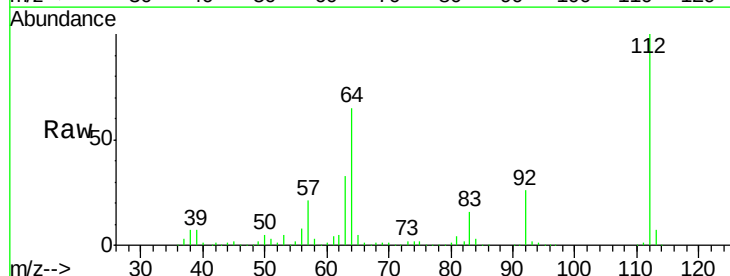
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



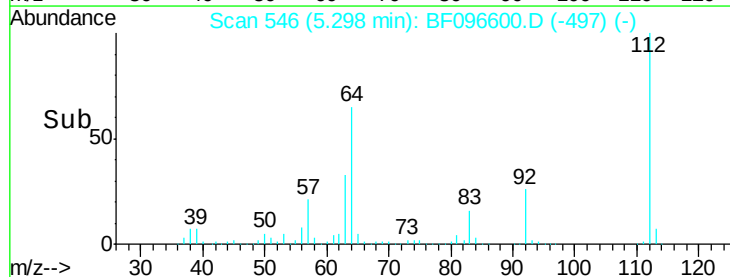
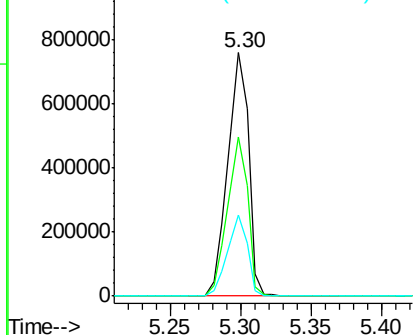
#5

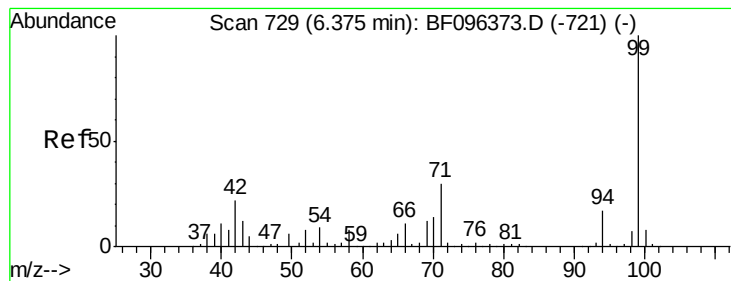
2-Fluorophenol
Concen: 107.40 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion:112 Resp: 784024
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 33.1 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: 119.21 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096600.D

Acq: 10 Jul 2017 14:51

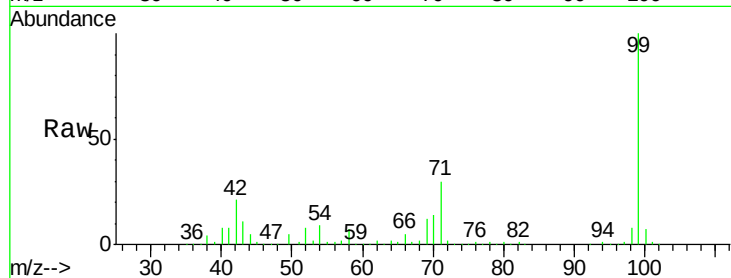
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1069880

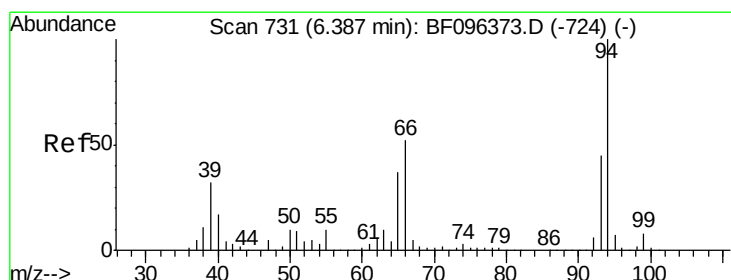
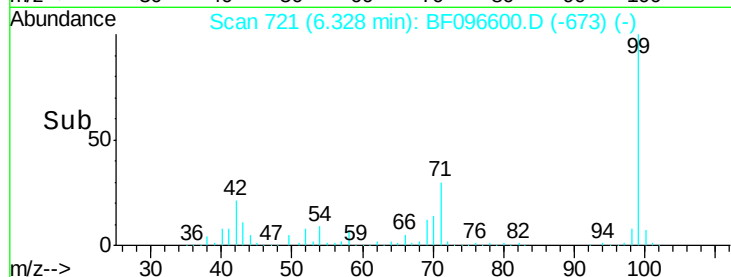
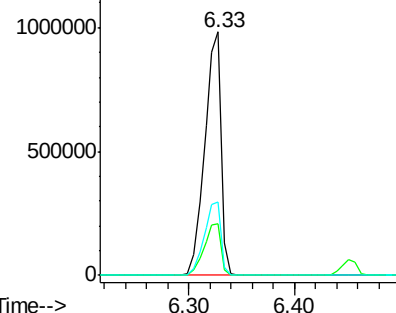
Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	30.1	24.5	36.7



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: 3.56 ng

RT: 6.33 min Scan# 722

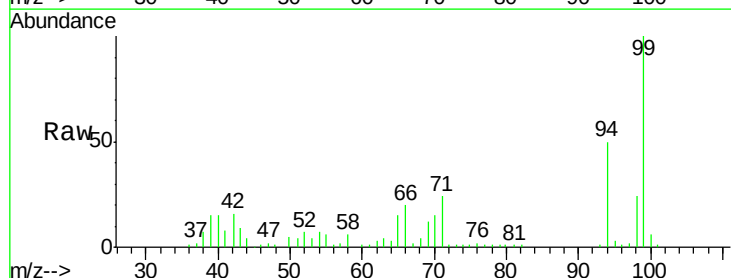
Delta R.T. -0.02 min

Lab File: BF096600.D

Acq: 10 Jul 2017 14:51

Tgt Ion: 94 Resp: 36438

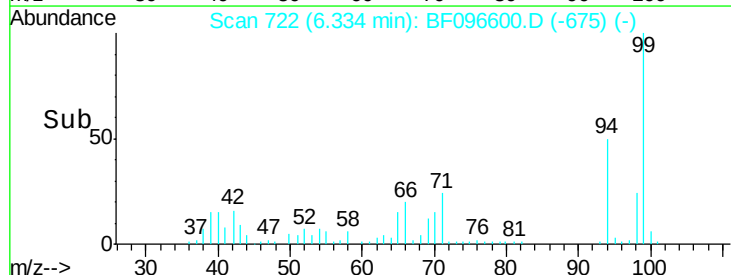
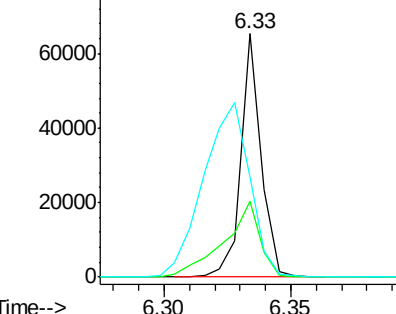
Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.9	49.9
66	41.0	23.1	63.1

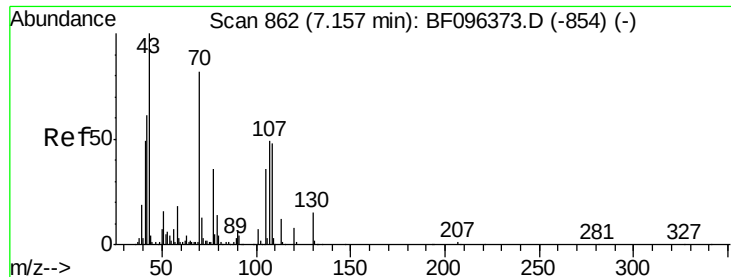


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

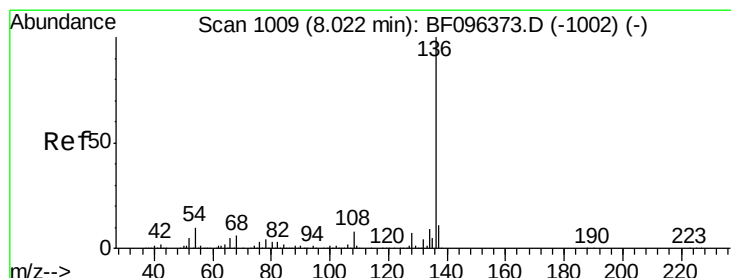
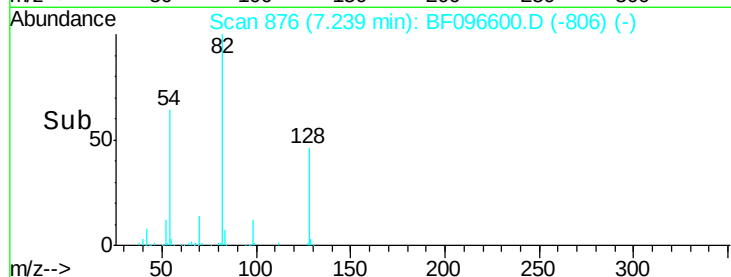
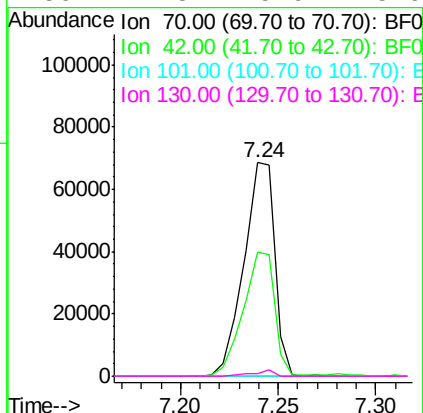
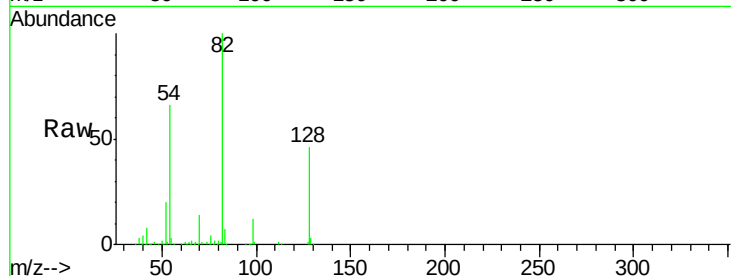




#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.11 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

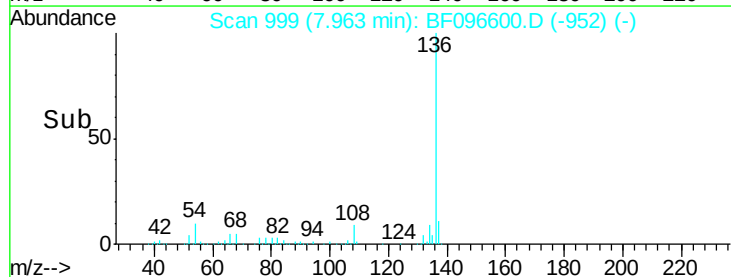
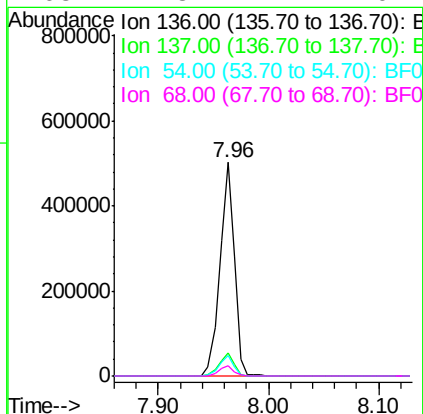
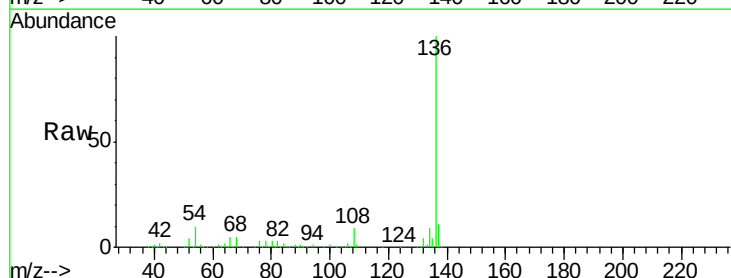
Instrument :
BNA_F
ClientSampleId :

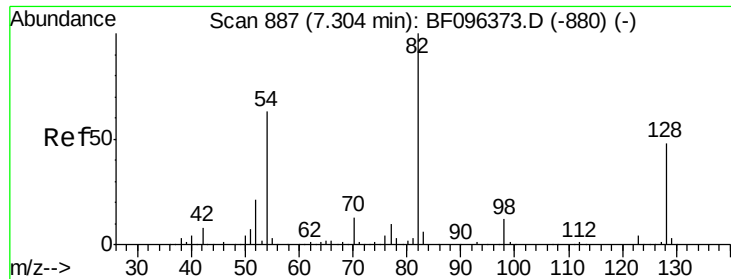
Tot Ion: 70 Resp: 75425
Ion Ratio Lower Upper
70 100
42 58.1 47.2 70.8
101 0.0 7.2 10.8#
130 1.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion: 136 Resp: 456119
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.6 4.9 7.3#
68 4.8 4.1 6.1

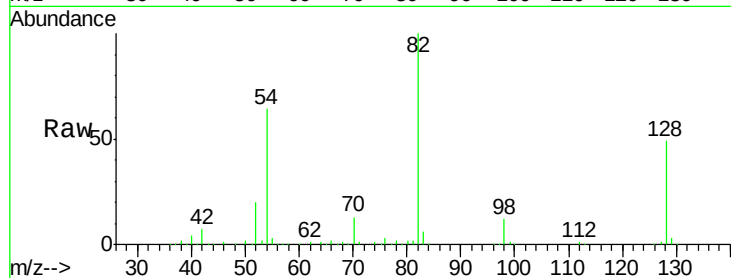




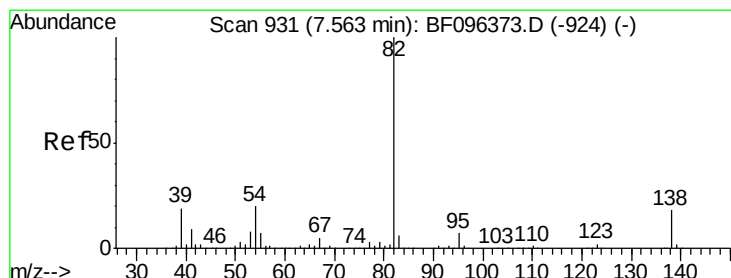
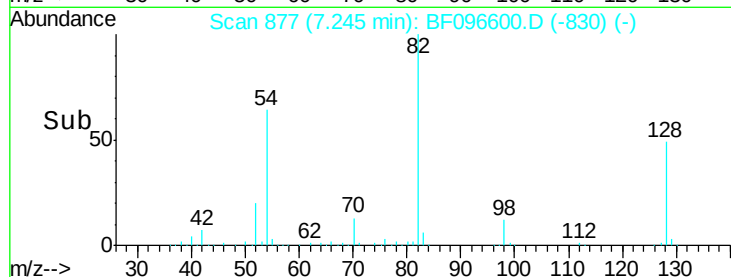
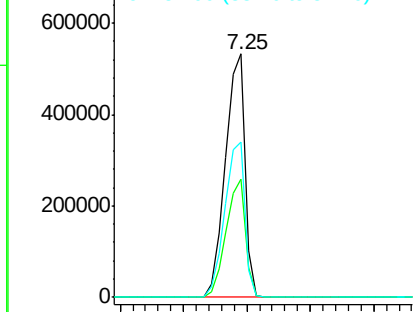
#23
Nitrobenzene-d5
Concen: 75.11 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 570112
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 64.0 42.2 63.2#

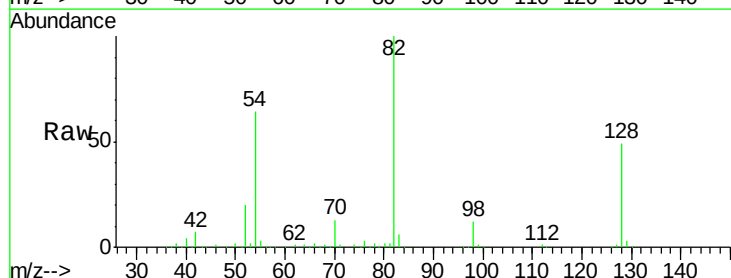


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

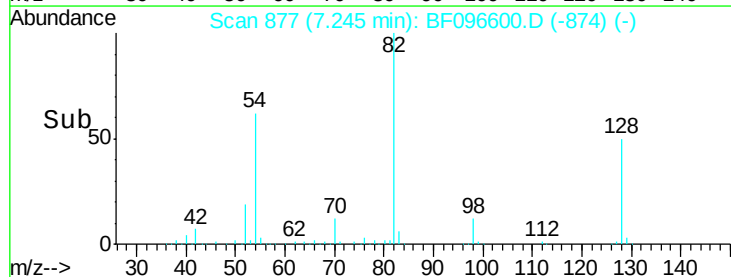
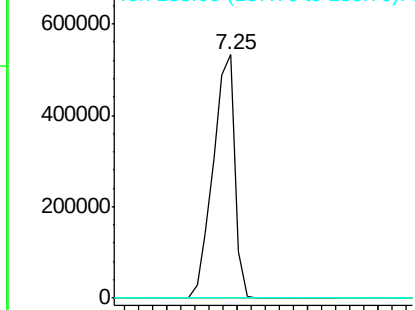


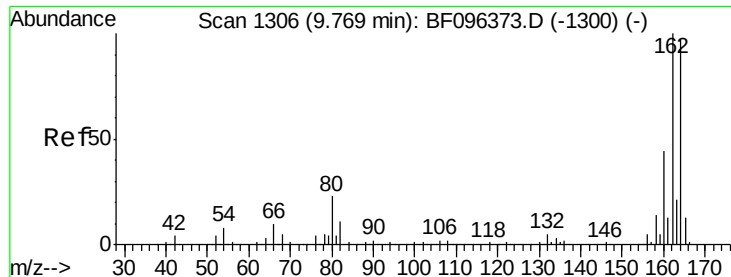
#25
Isophorone
Concen: 38.51 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion: 82 Resp: 566821
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

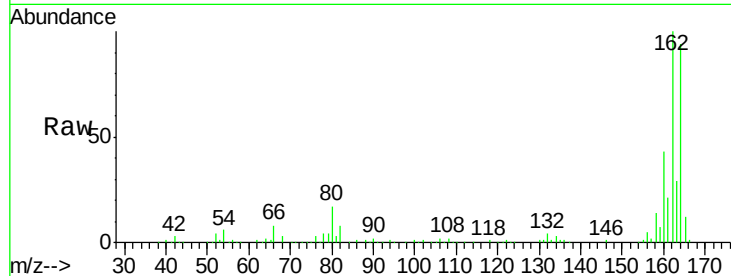




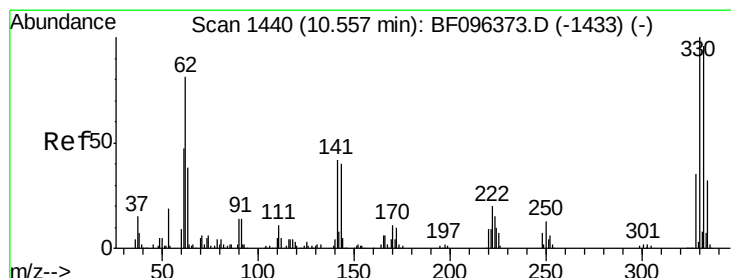
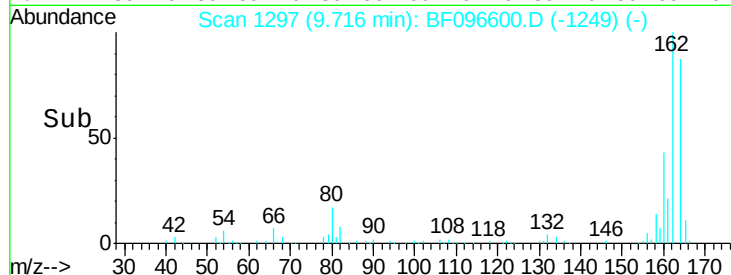
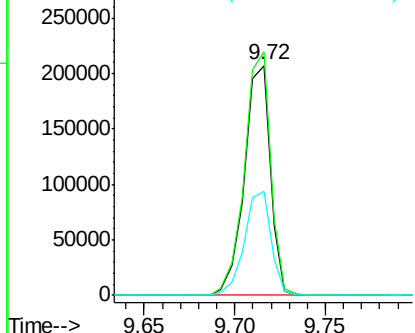
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 207625
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.6 123.8
 160 45.5 36.2 54.2

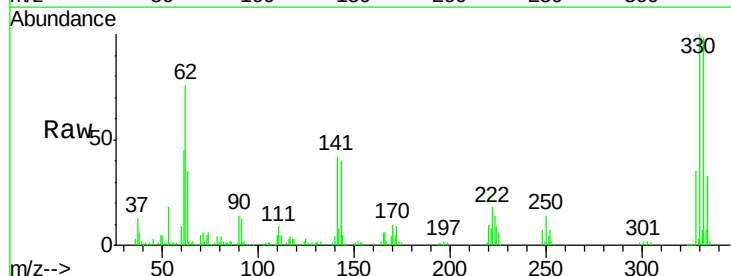


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

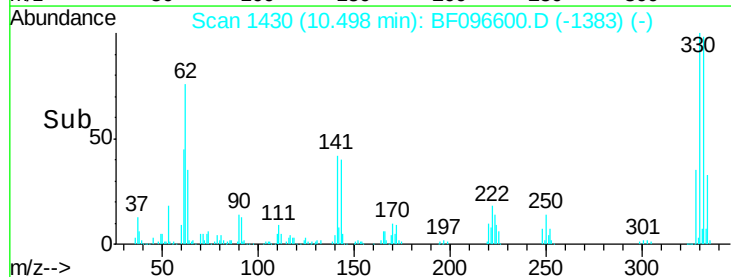
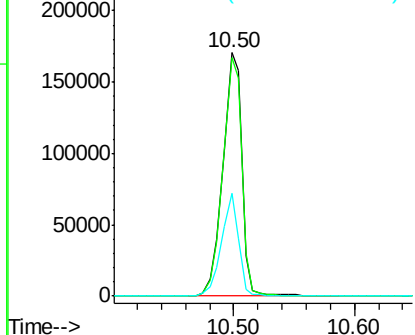


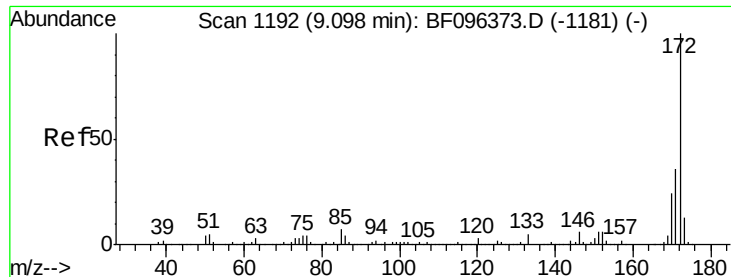
#41
 2,4,6-Tribromophenol
 Concen: 114.64 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

Tgt Ion:330 Resp: 185928
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.1 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

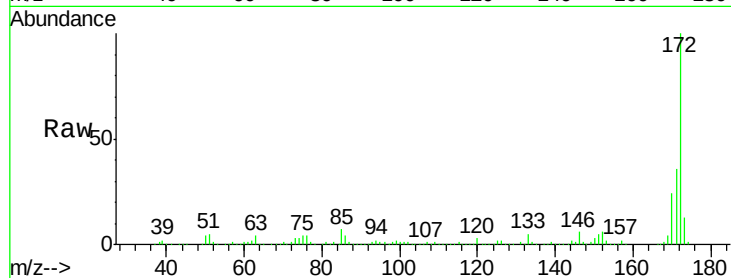




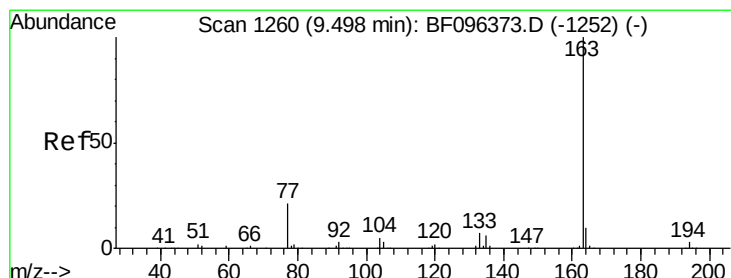
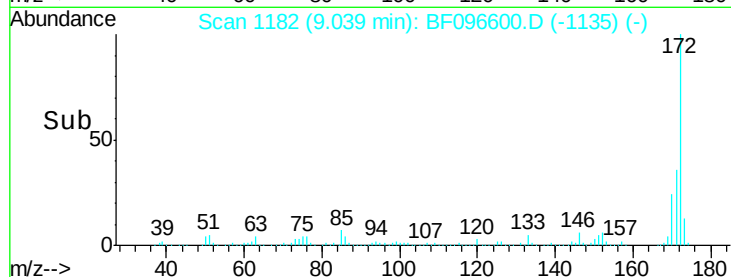
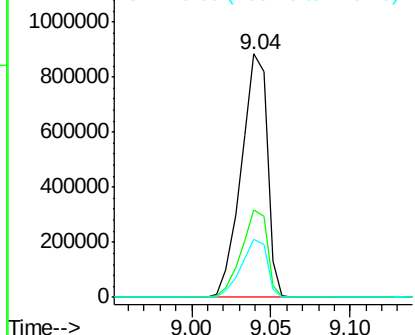
#44
2-Fluorobiphenyl
Concen: 82.90 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1006675
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.6 19.8 29.8

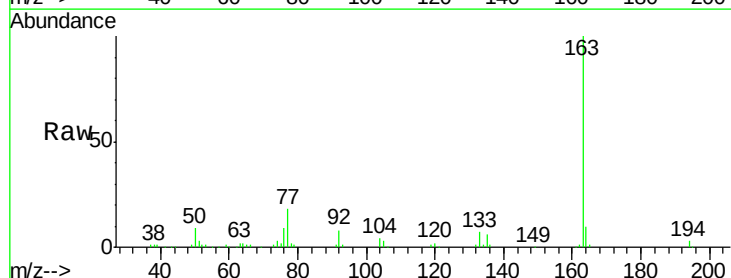


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

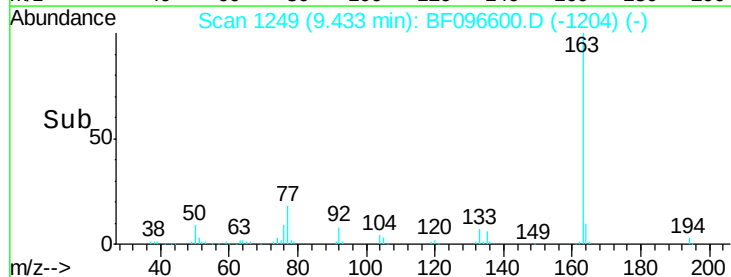
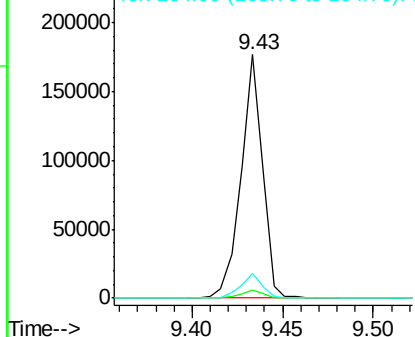


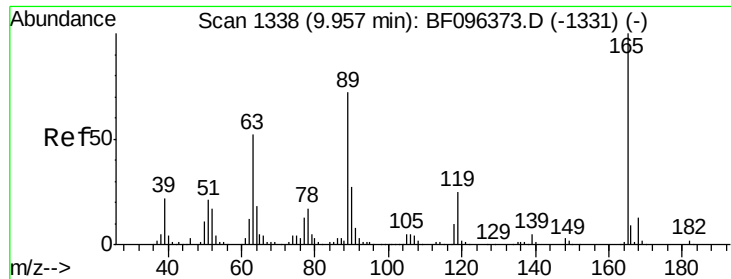
#49
Dimethylphthalate
Concen: 9.32 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion:163 Resp: 144383
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 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

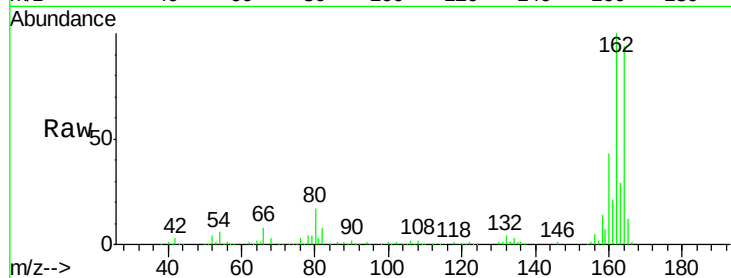




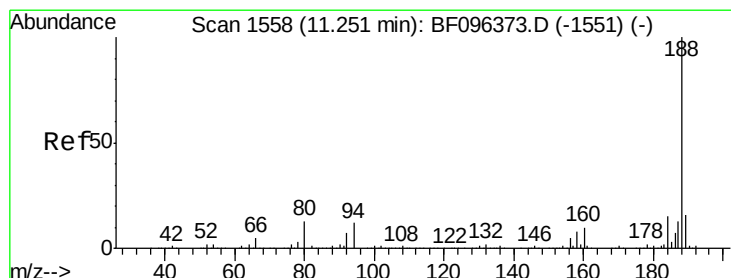
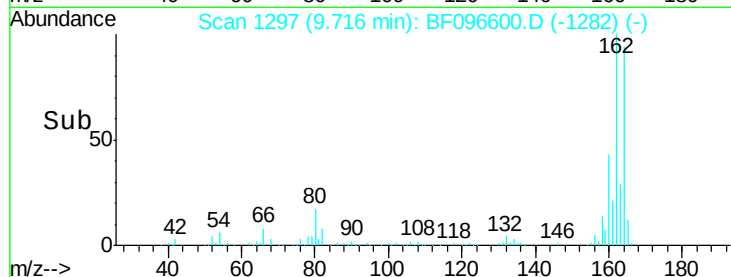
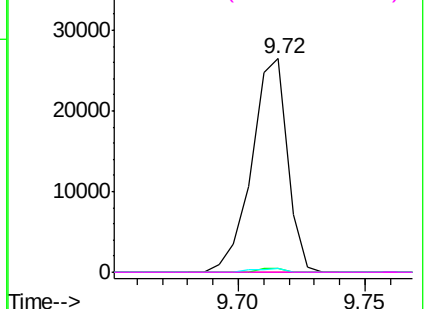
#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	26213
Ion Ratio	Lower	Upper
165	100	
63	2.0	25.4 38.0#
89	1.6	46.4 69.6#
182	0.0	1.8 2.6#

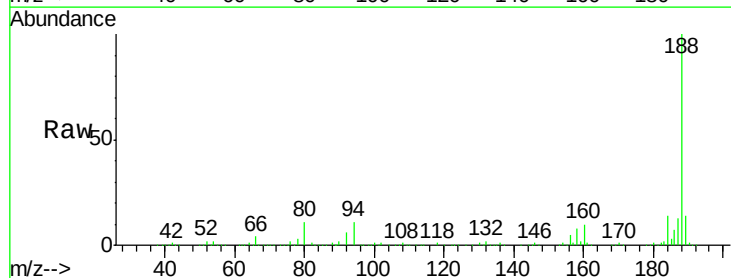


Abundance Ion 165.00 (164.70 to 165.70): E

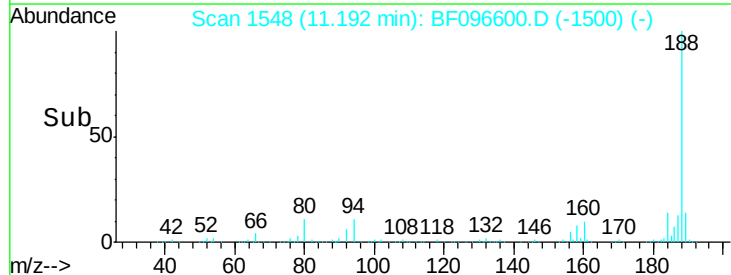
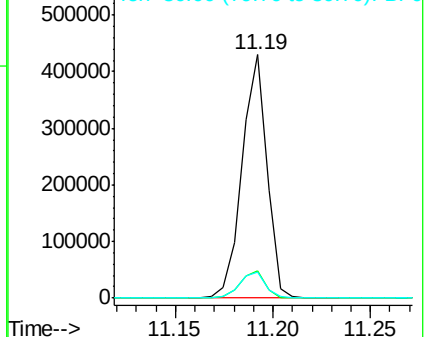


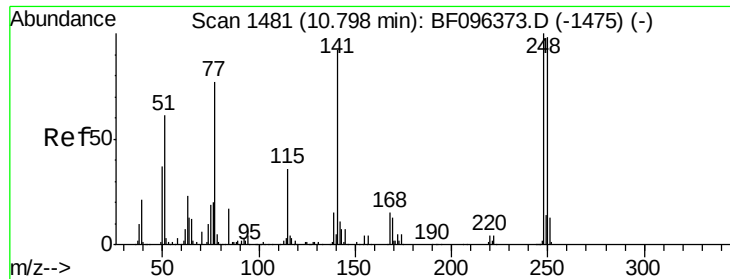
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

Tgt Ion:188	Resp:	380712
Ion Ratio	Lower	Upper
188	100	
94	11.2	9.4 14.2
80	10.7	10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

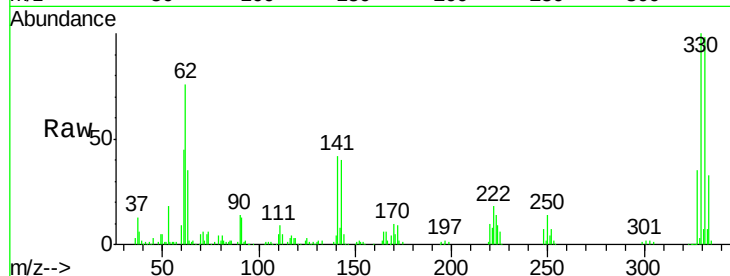




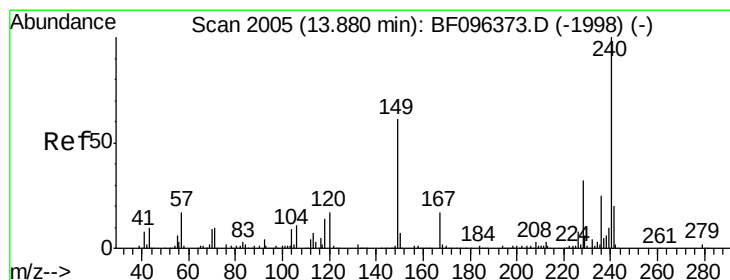
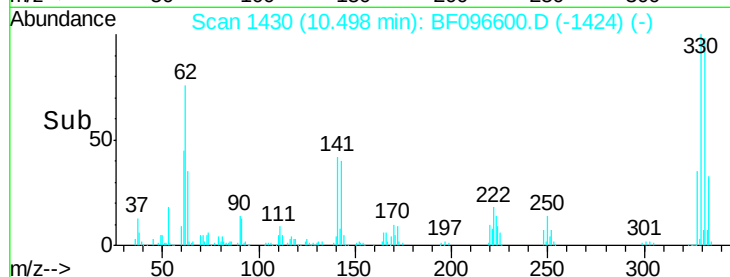
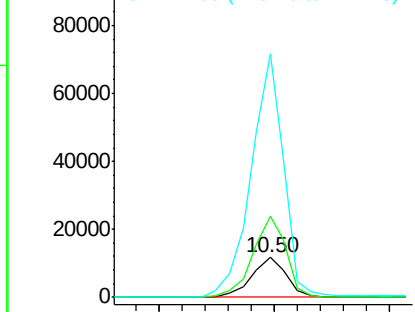
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12260
Ion Ratio Lower Upper
248 100
250 205.4 76.8 115.2#
141 612.7 68.6 103.0#

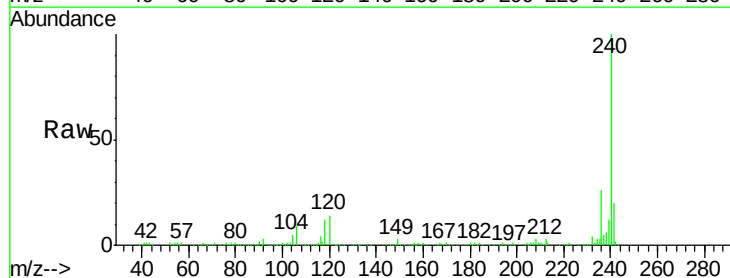


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

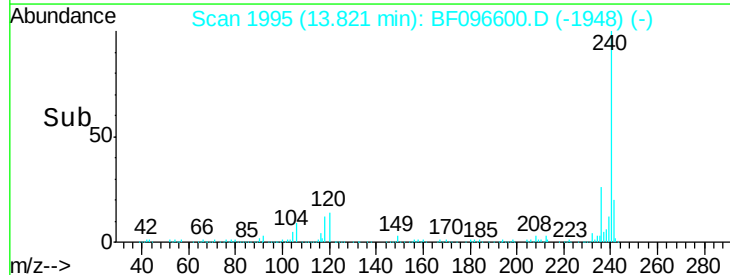
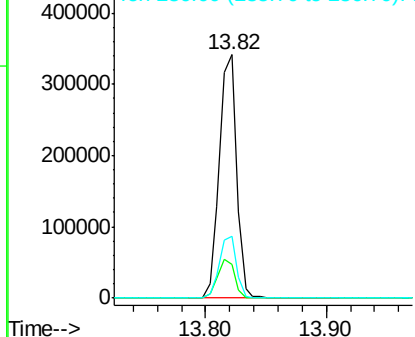


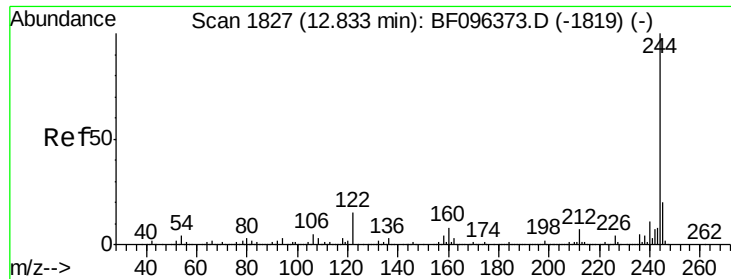
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096600.D
Acq: 10 Jul 2017 14:51

Tgt Ion:240 Resp: 336585
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.6 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

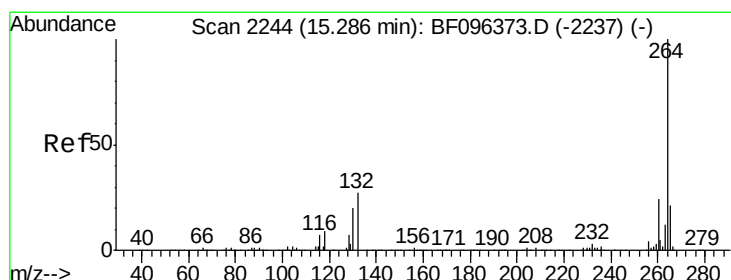
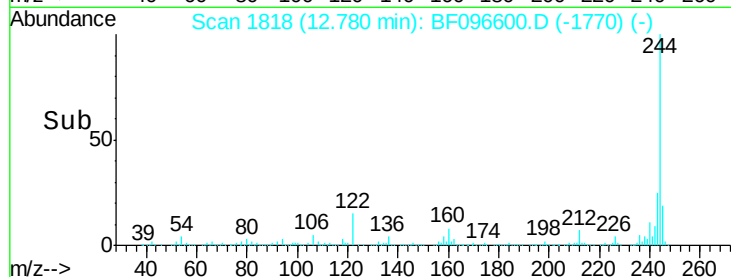
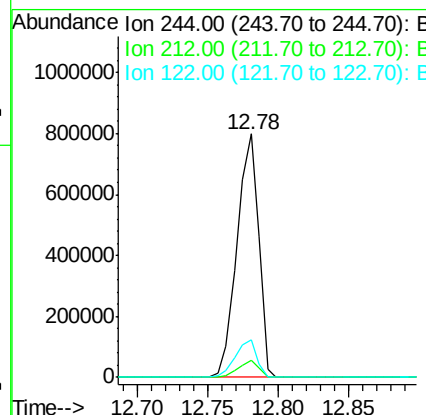
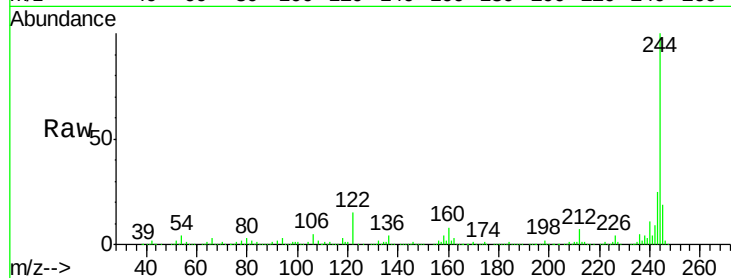




#78
 Terphenyl-d14
 Concen: 54.26 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 854647
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.03 min
 Lab File: BF096600.D
 Acq: 10 Jul 2017 14:51

Tgt Ion:264 Resp: 221907
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.1 17.2 25.8

