

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096696.D
 Acq On : 12 Jul 2017 17:19
 Operator : SJ/JU
 Sample : I4126-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:03:46 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

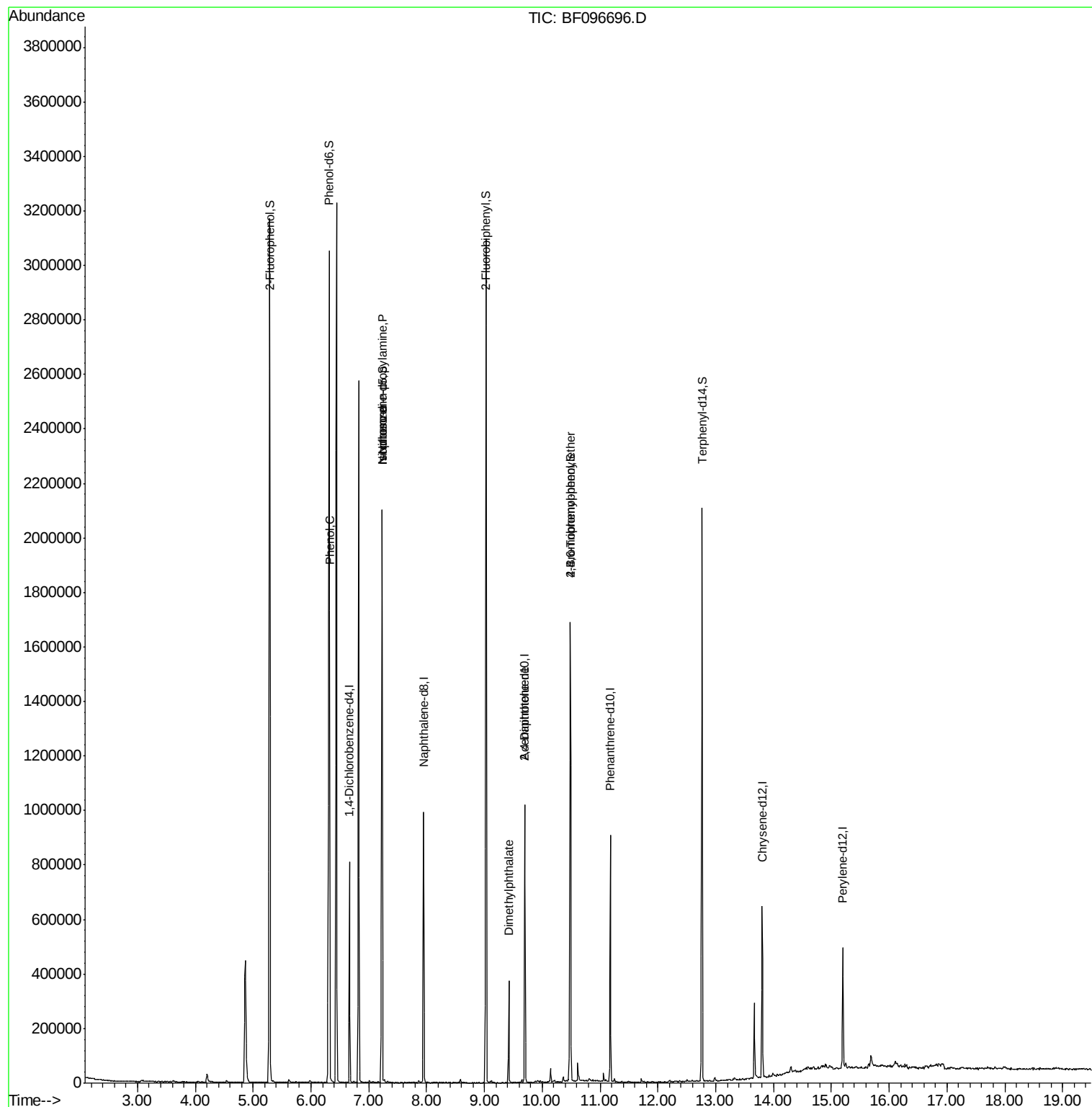
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	121275	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	489511	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	198637	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	324212	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	200864	20.00	ng	-0.04
86) Perylene-d12	15.20	264	175743	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	977225	118.93	ng	-0.02
7) Phenol-d6	6.32	99	1238435	122.60	ng	-0.03
23) Nitrobenzene-d5	7.23	82	701332	86.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	197980	127.60	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1134924	97.69	ng	-0.04
78) Terphenyl-d14	12.76	244	686892	73.07	ng	-0.04
Target Compounds						
10) Phenol	6.33	94	27542	2.39	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.23	70	94470	15.70	ng	# 89
25) Isophorone	7.23	82	678247	42.94	ng	# 67
49) Dimethylphthalate	9.42	163	153557	10.36	ng	98
56) 2,4-Dinitrotoluene	9.70	165	25291	6.09	ng	# 33
66) 4-Bromophenyl-phenylether	10.49	248	12281	3.89	ng	# 1

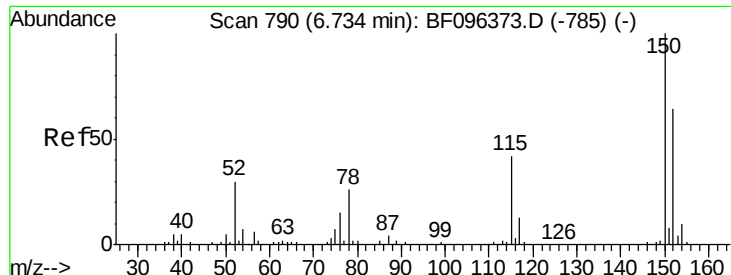
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 13 01:03:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.03 min

Lab File: BF096696.D

Acq: 12 Jul 2017 17:19

Instrument :

BNA_F

ClientSampled :

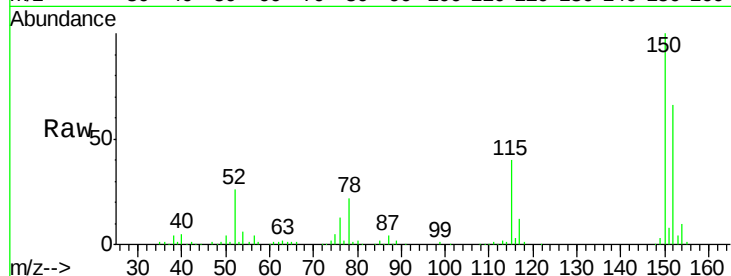
Tot Ion:152 Resp: 121275

Ion Ratio Lower Upper

152 100

150 151.9 126.2 189.2

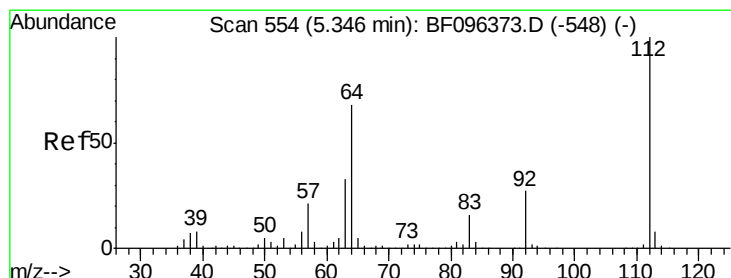
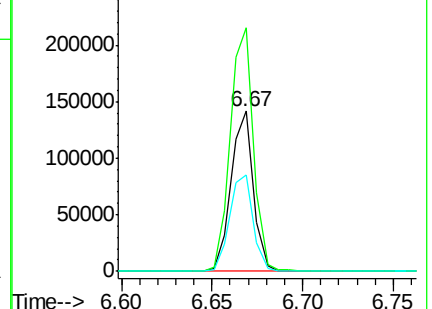
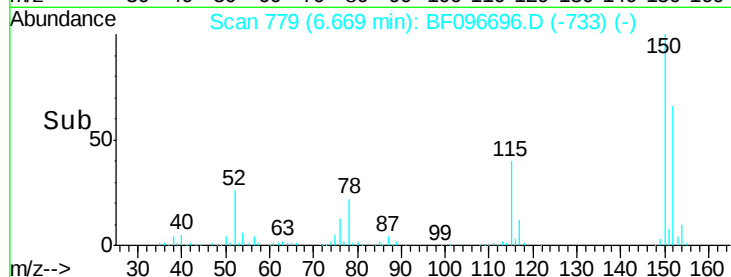
115 60.5 52.2 78.2



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: 118.93 ng

RT: 5.29 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF096696.D

Acq: 12 Jul 2017 17:19

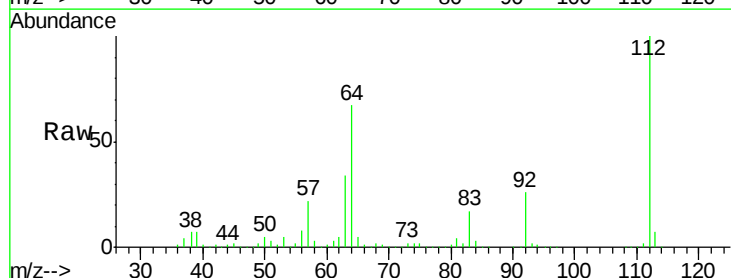
Tgt Ion:112 Resp: 977225

Ion Ratio Lower Upper

112 100

64 66.6 46.0 69.0

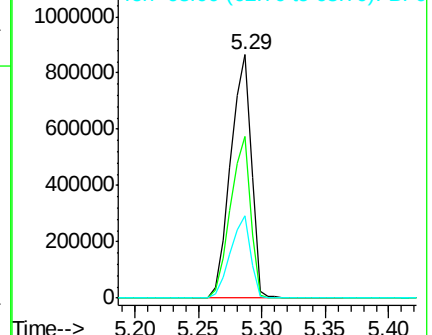
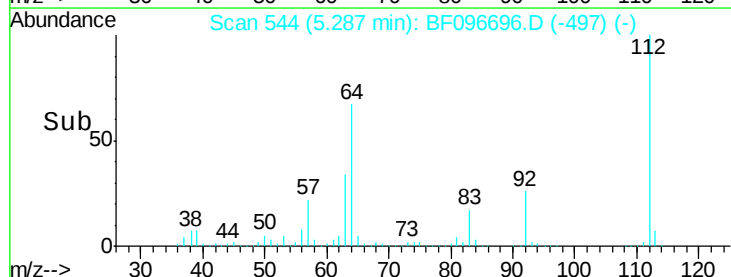
63 34.1 23.4 35.0



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: 122.60 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096696.D

Acq: 12 Jul 2017 17:19

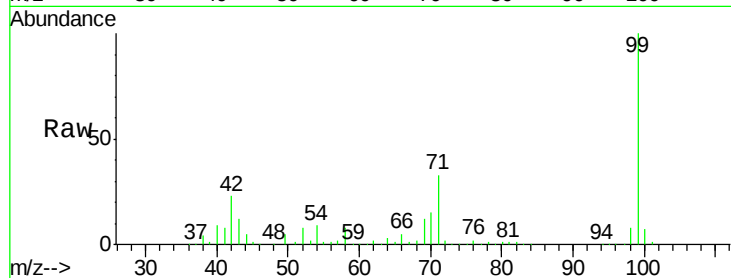
Instrument :

BNA_F

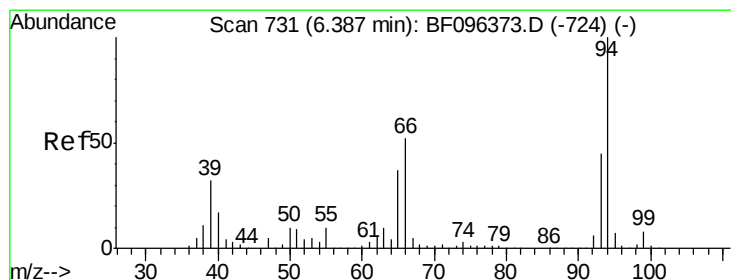
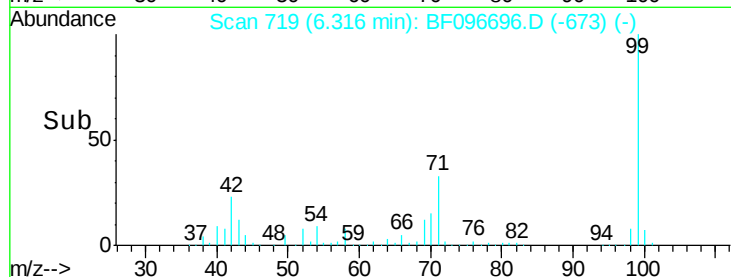
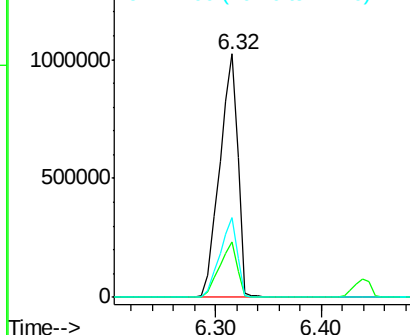
ClientSampled :

Tot Ion: 99 Resp: 1238435

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	33.0	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: 2.39 ng

RT: 6.33 min Scan# 721

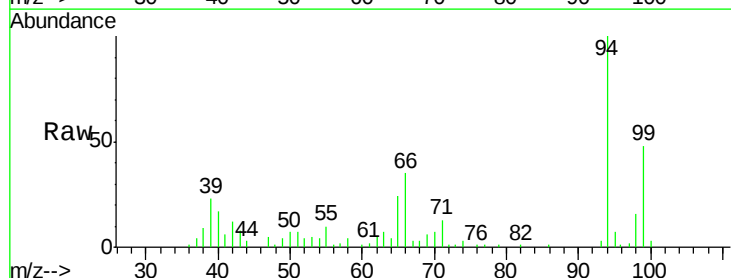
Delta R.T. -0.03 min

Lab File: BF096696.D

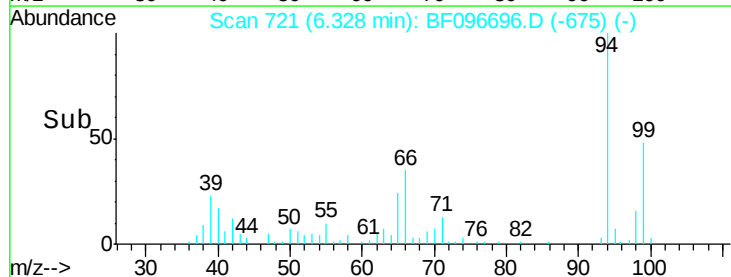
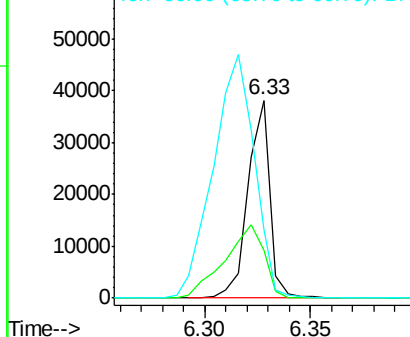
Acq: 12 Jul 2017 17:19

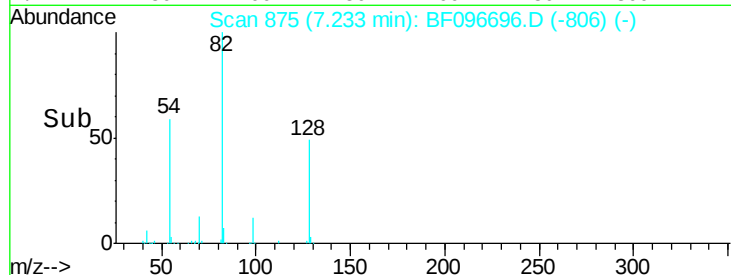
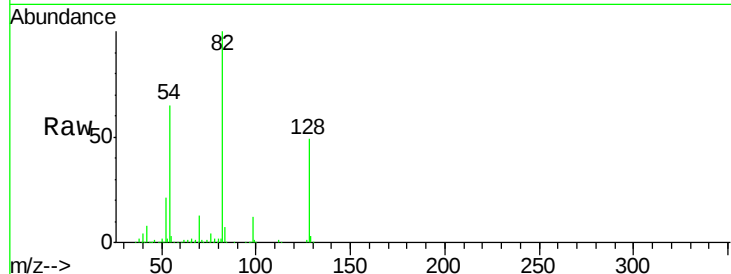
Tgt Ion: 94 Resp: 27542

Ion	Ratio	Lower	Upper
94	100		
65	24.1	9.9	49.9
66	34.5	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

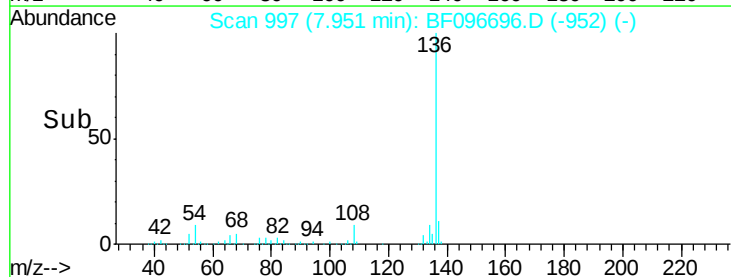
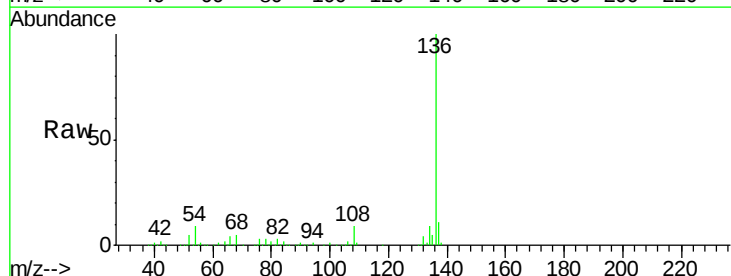
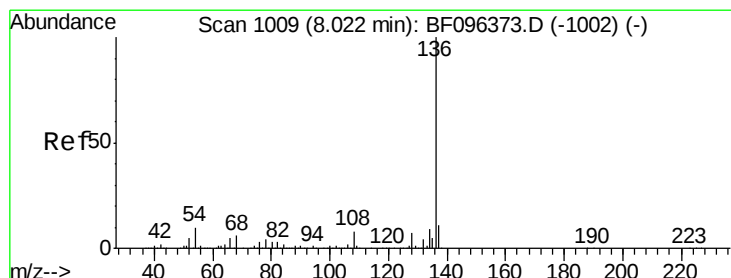
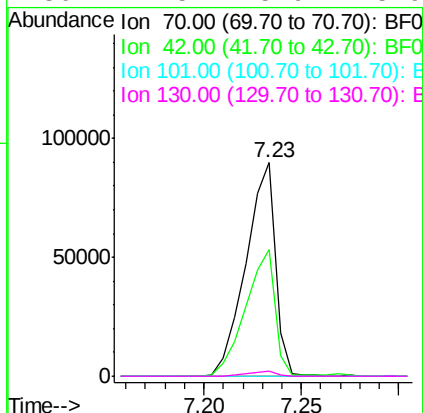




#19
n-Nitroso-di-n-propylamine
Concen: 15.70 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096696.D
Acq: 12 Jul 2017 17:19

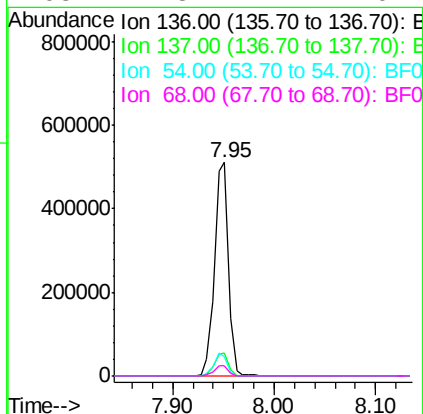
Instrument :
BNA_F
ClientSampleId :

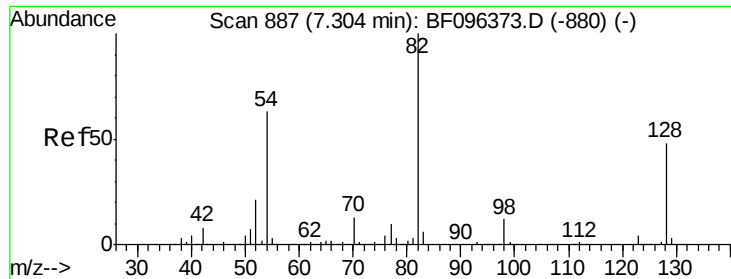
Tot Ion:	70	Resp:	94470
Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096696.D
Acq: 12 Jul 2017 17:19

Tgt Ion:	136	Resp:	489511
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.2	4.9	7.3#
68	4.8	4.1	6.1

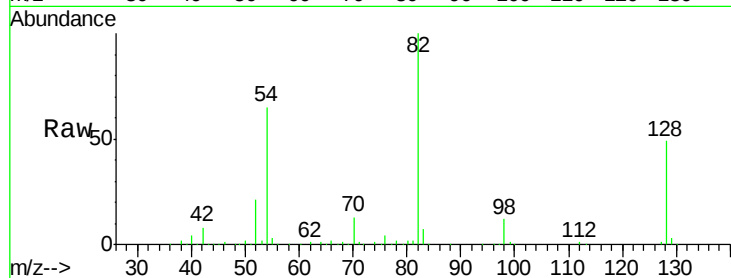




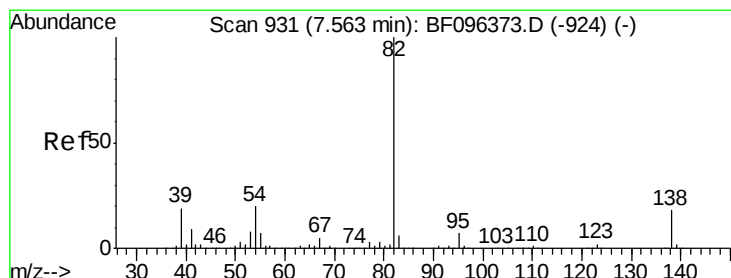
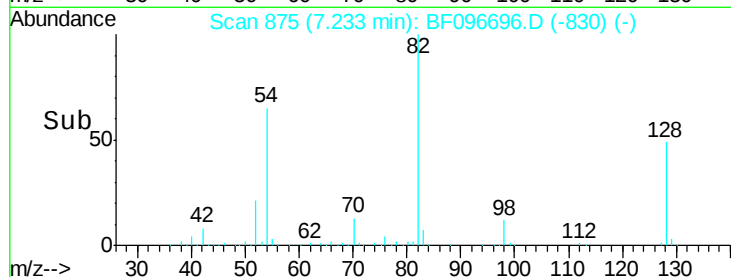
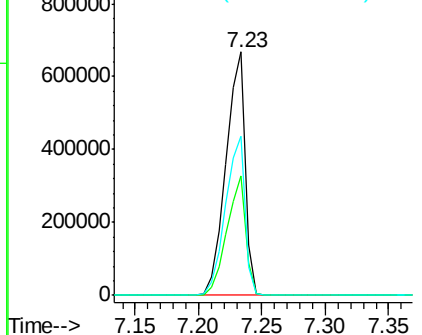
#23
 Nitrobenzene-d5
 Concen: 86.09 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096696.D
 Acq: 12 Jul 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 701332
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 65.1 42.2 63.2#

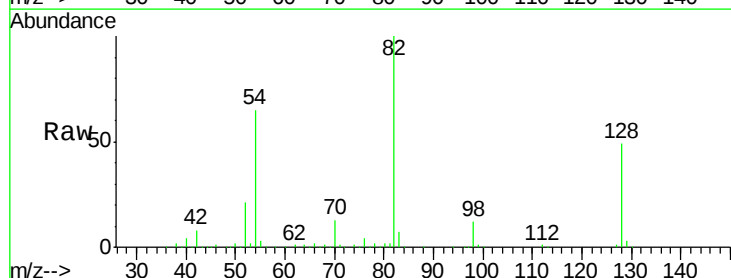


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

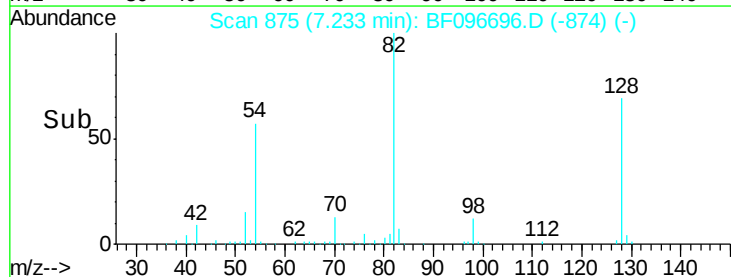
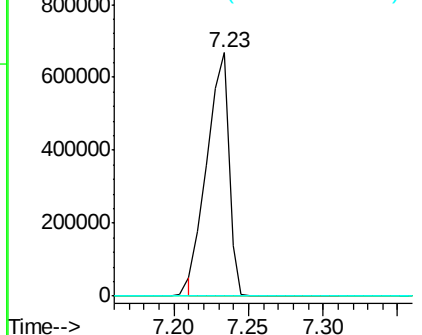


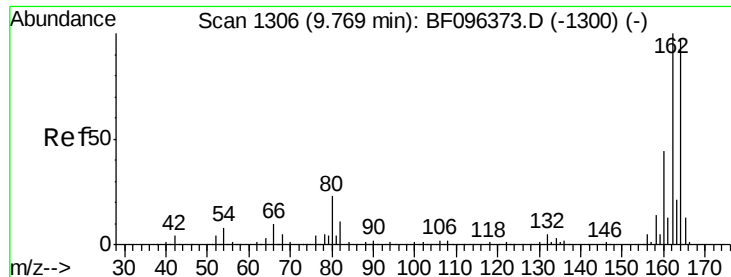
#25
 Isophorone
 Concen: 42.94 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.29 min
 Lab File: BF096696.D
 Acq: 12 Jul 2017 17:19

Tgt Ion: 82 Resp: 678247
 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: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096696.D

Acq: 12 Jul 2017 17:19

Instrument :

BNA_F

ClientSampleId :

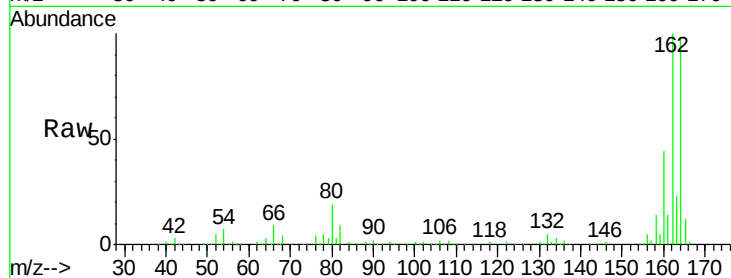
Tot Ion:164 Resp: 198637

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

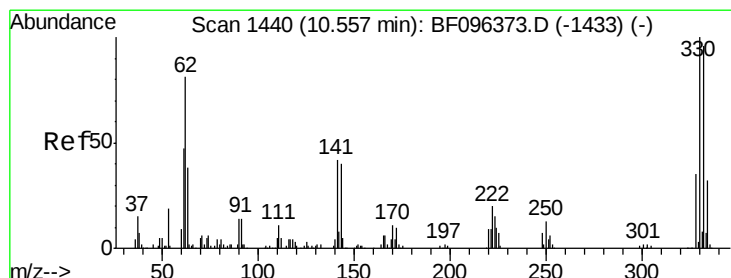
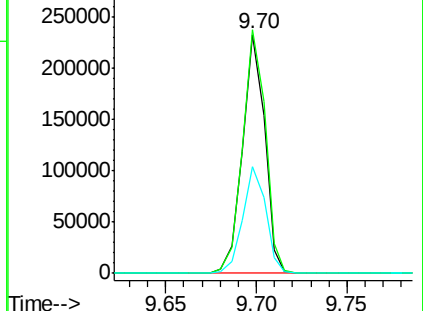
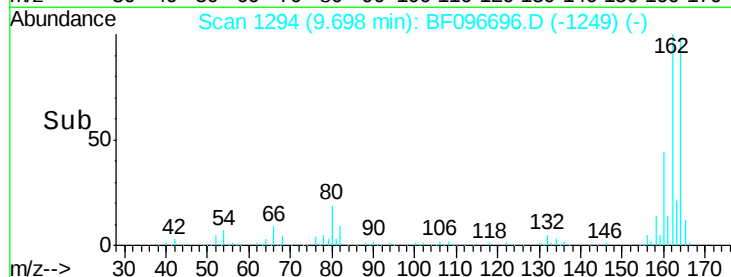
160 44.5 36.2 54.2



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: 127.60 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096696.D

Acq: 12 Jul 2017 17:19

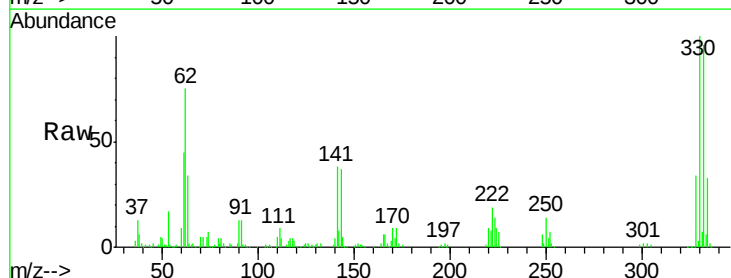
Tgt Ion:330 Resp: 197980

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

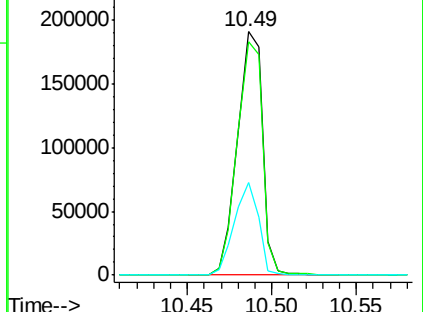
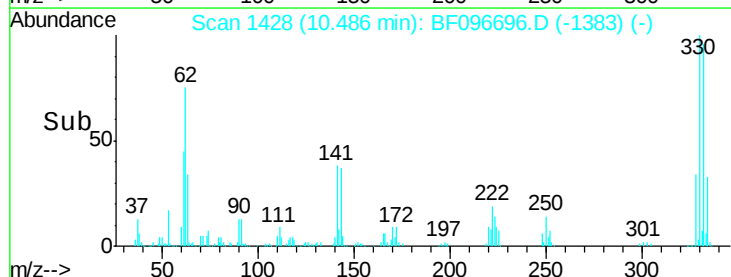
141 37.0 31.4 47.2

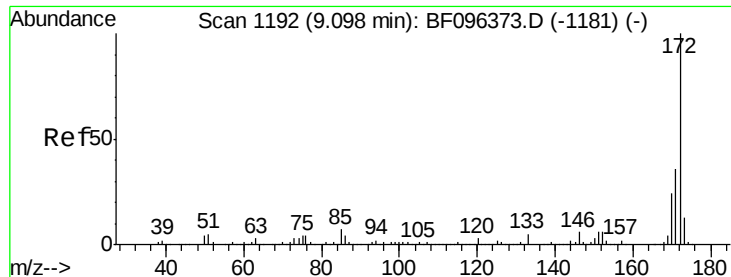


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

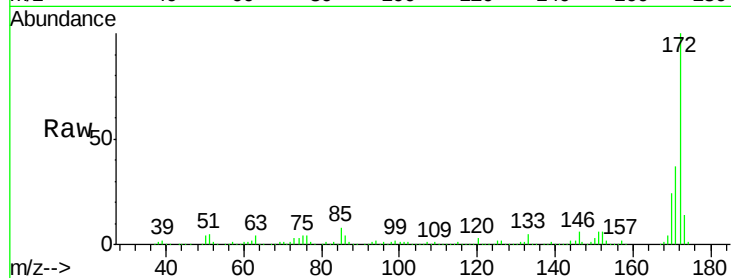




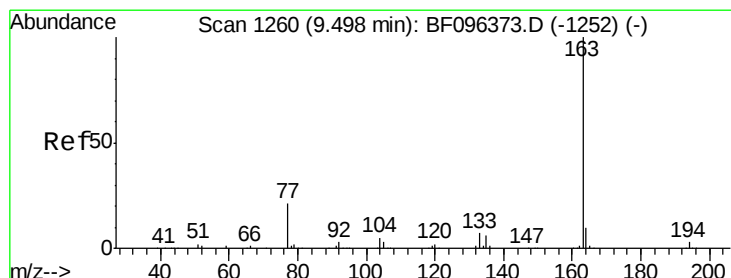
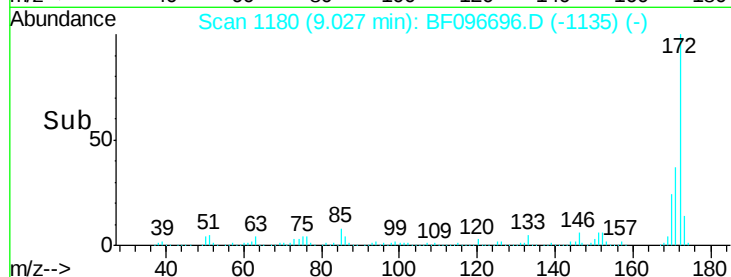
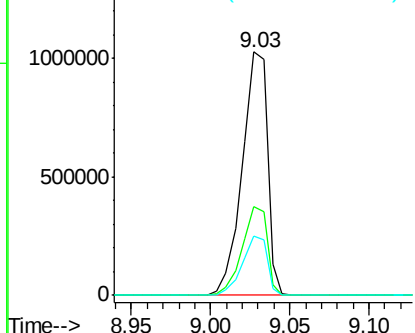
#44
2-Fluorobiphenyl
Concen: 97.69 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096696.D
Acq: 12 Jul 2017 17:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1134924
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.8 29.8

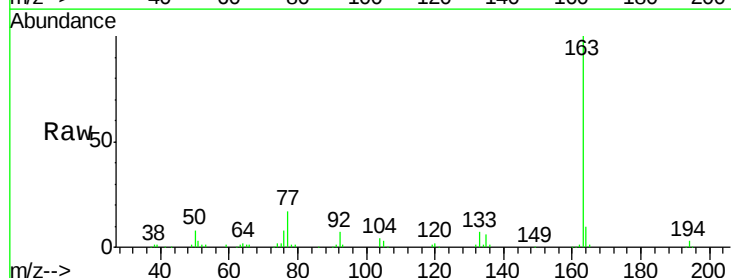


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

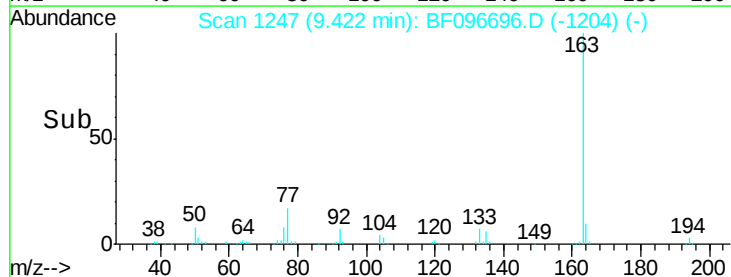
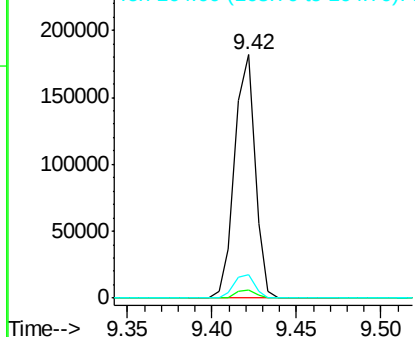


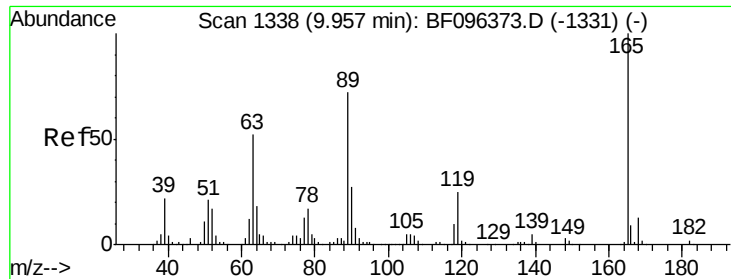
#49
Dimethylphthalate
Concen: 10.36 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096696.D
Acq: 12 Jul 2017 17:19

Tgt Ion:163 Resp: 153557
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 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

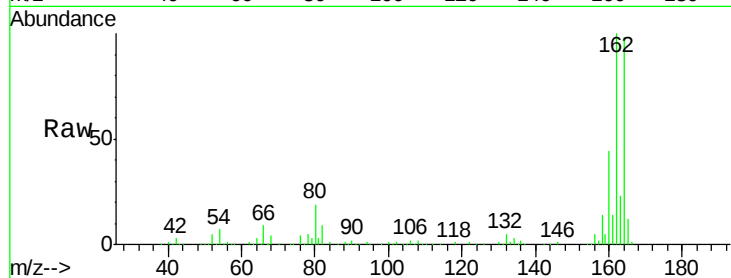




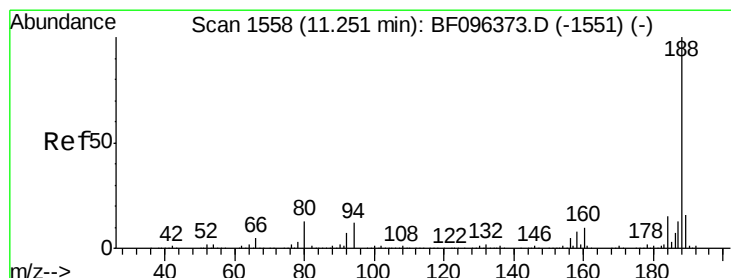
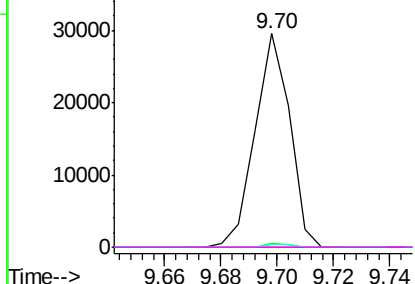
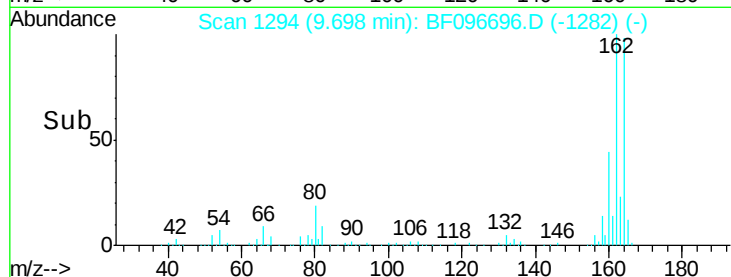
#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096696.D
 Acq: 12 Jul 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25291
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.2 46.4 69.6#
 182 0.0 1.8 2.6#

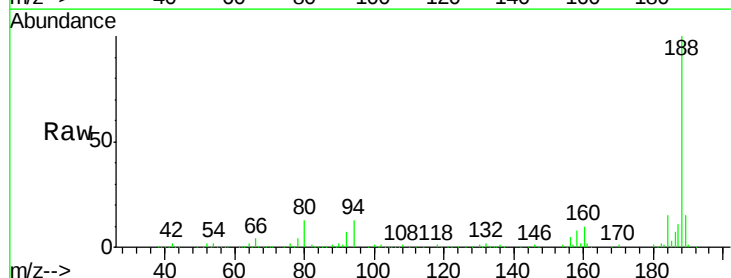


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

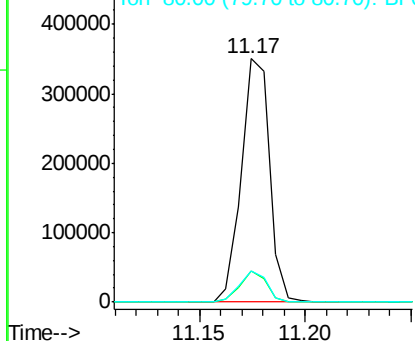
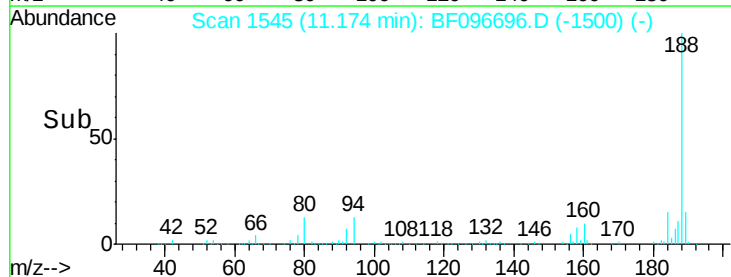


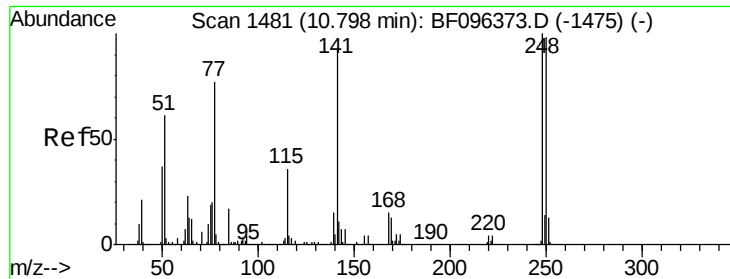
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096696.D
 Acq: 12 Jul 2017 17:19

Tgt Ion:188 Resp: 324212
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.4 14.2
 80 13.0 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

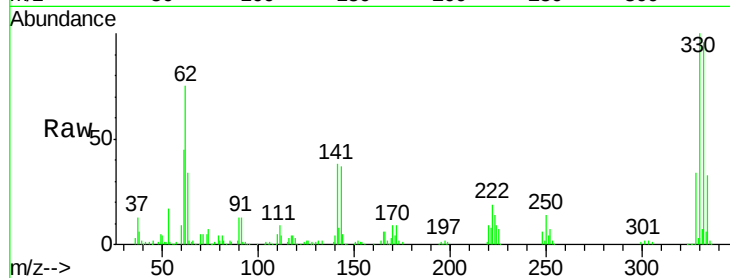




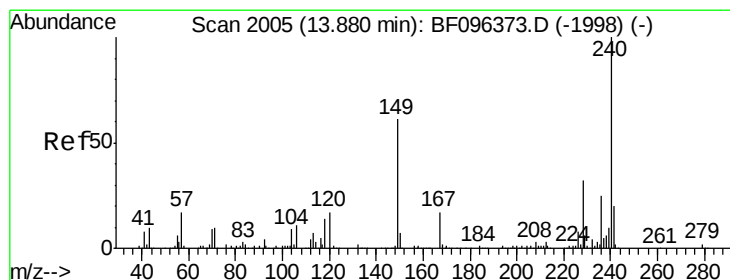
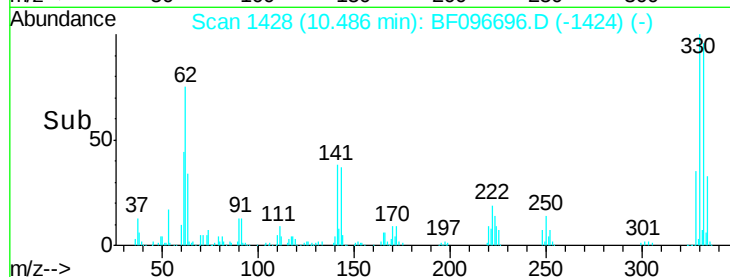
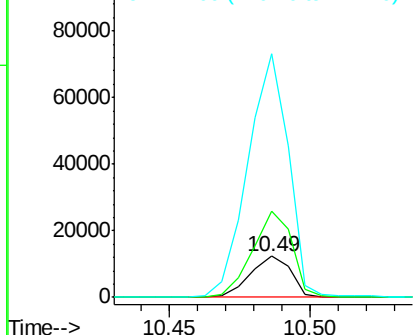
#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.28 min
Lab File: BF096696.D
Acq: 12 Jul 2017 17:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12281
Ion Ratio Lower Upper
248 100
250 209.4 76.8 115.2#
141 589.3 68.6 103.0#

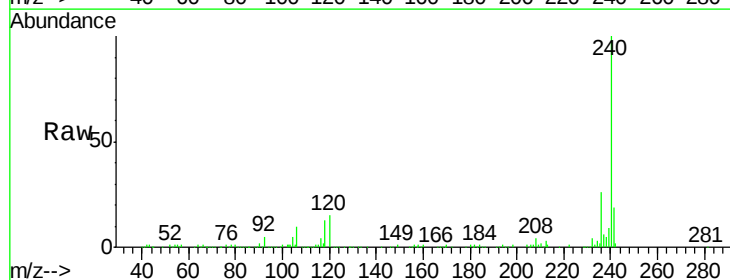


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

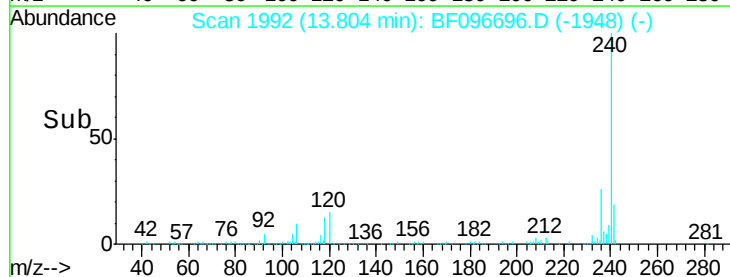
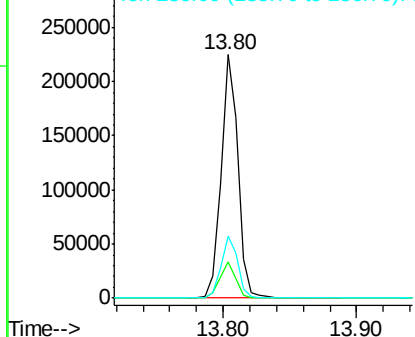


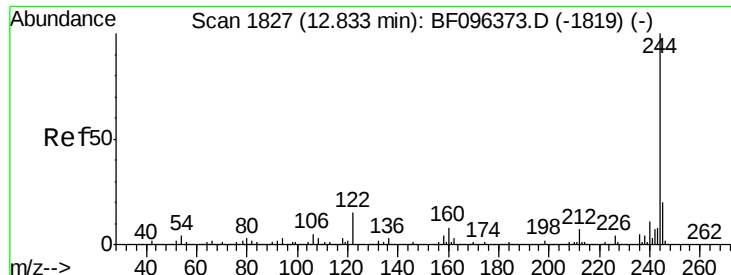
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096696.D
Acq: 12 Jul 2017 17:19

Tgt Ion:240 Resp: 200864
Ion Ratio Lower Upper
240 100
120 15.0 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

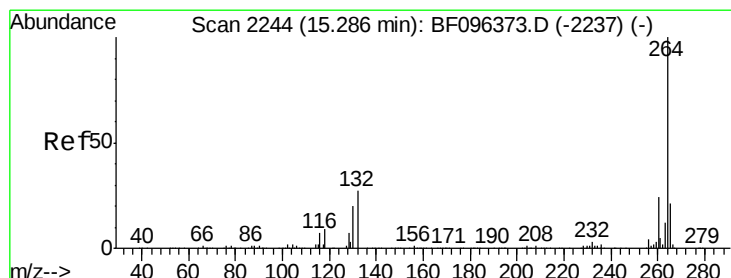
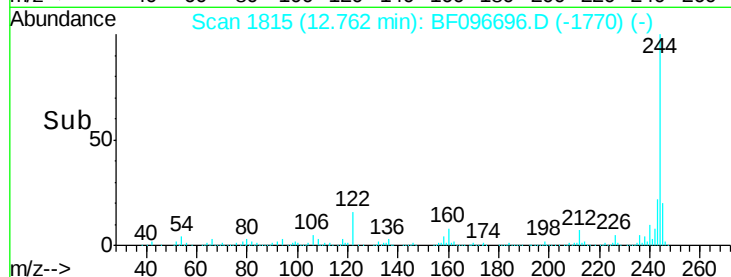
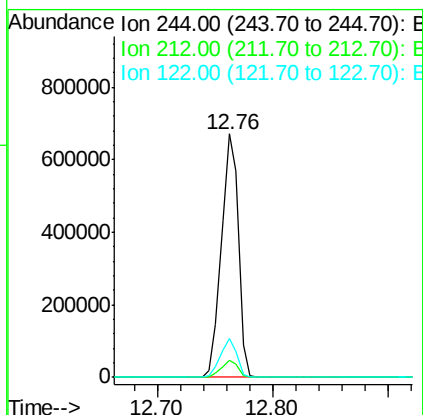
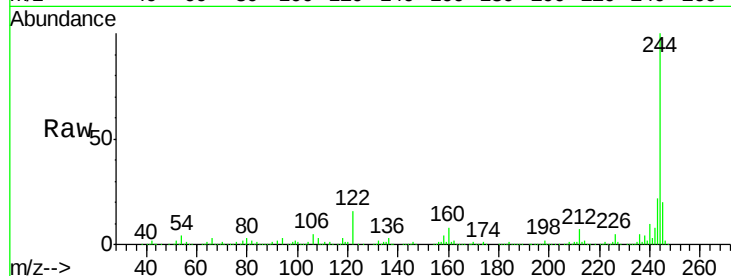




#78
 Terphenyl-d14
 Concen: 73.07 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.04 min
 Lab File: BF096696.D
 Acq: 12 Jul 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 686892
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.7 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.05 min
 Lab File: BF096696.D
 Acq: 12 Jul 2017 17:19

Tgt Ion:264 Resp: 175743
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.4 17.2 25.8

