

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096571.D
 Acq On : 7 Jul 2017 20:52
 Operator : SJ/MA
 Sample : PB100474BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 23:13:21 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

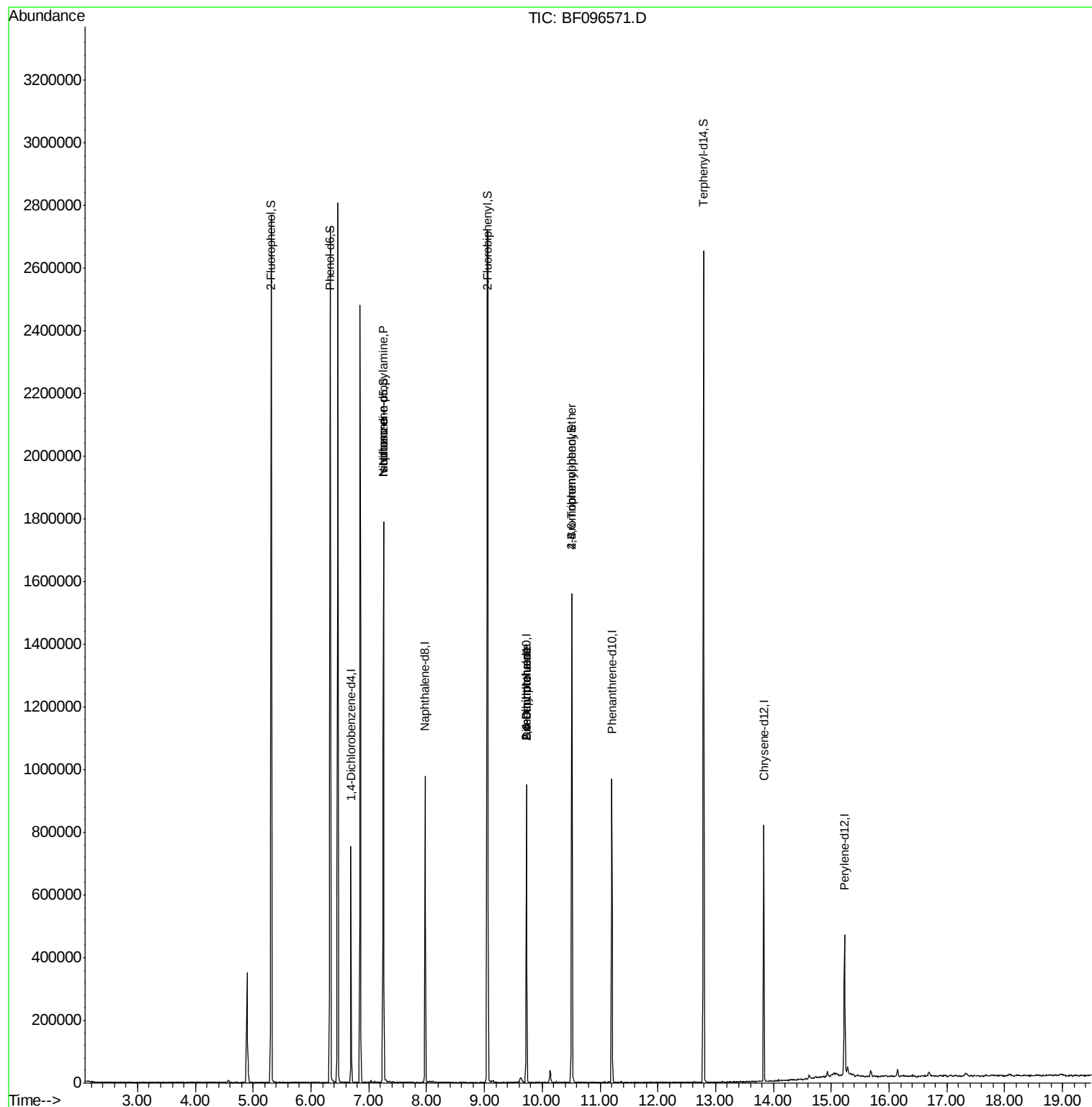
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	101793	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	433809	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	193202	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	331632	20.00	ng	0.00
75) Chrysene-d12	13.83	240	275145	20.00	ng	-0.01
86) Perylene-d12	15.23	264	200901	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	855022	123.98	ng	0.00
7) Phenol-d6	6.33	99	1024666	120.85	ng	-0.01
23) Nitrobenzene-d5	7.26	82	610244	84.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	198354	131.43	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1043385	92.34	ng	0.00
78) Terphenyl-d14	12.79	244	869607	67.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	79011	15.64	ng	# 88
25) Isophorone	7.26	82	607233	43.38	ng	# 67
49) Dimethylphthalate	9.73	163	56371	3.91	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	24540	7.69	ng	# 33
56) 2,4-Dinitrotoluene	9.73	165	24540	6.08	ng	# 32
66) 4-Bromophenyl-phenylether	10.52	248	12606	3.90	ng	# 1

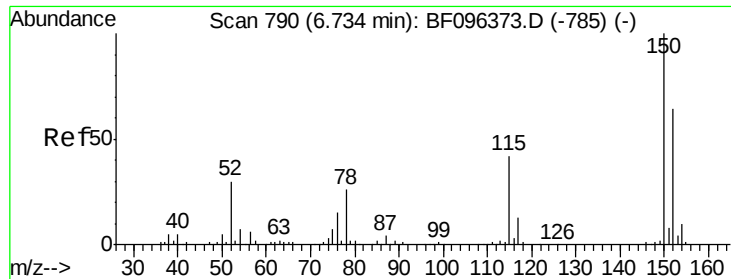
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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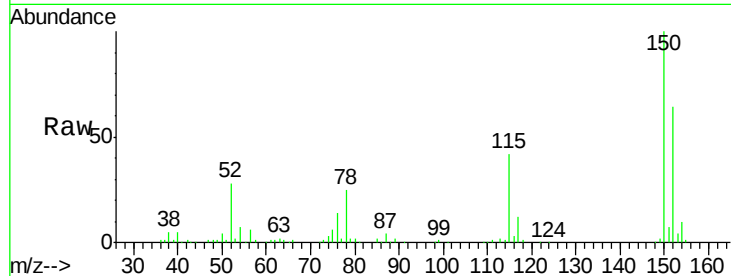


#1

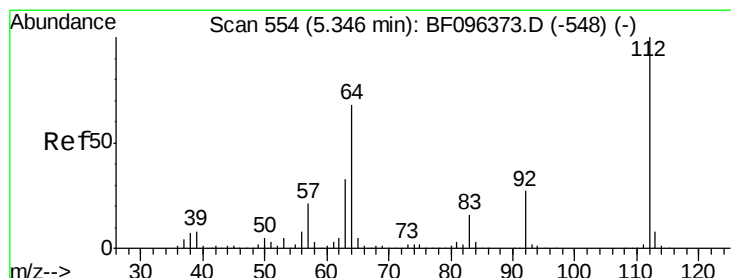
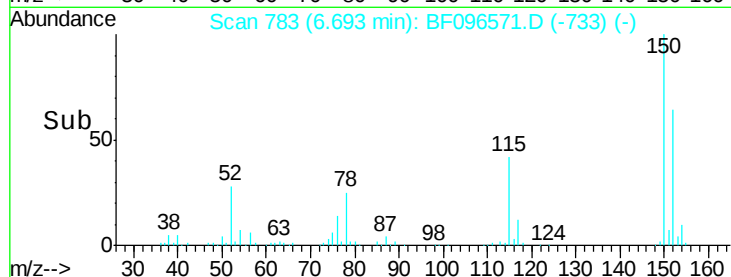
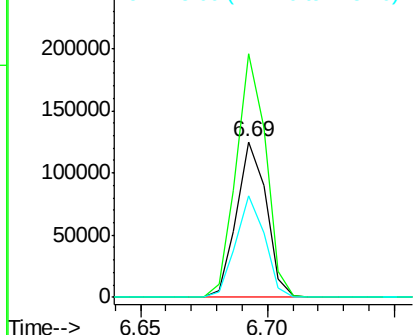
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101793
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 65.6 52.2 78.2



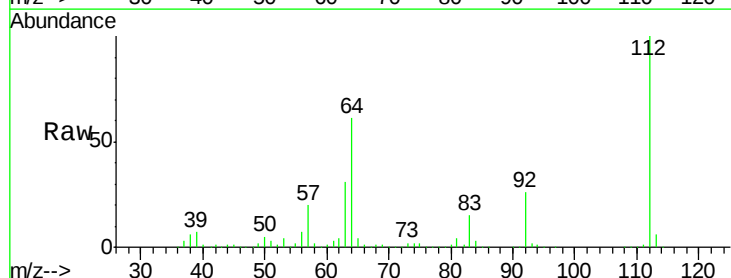
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



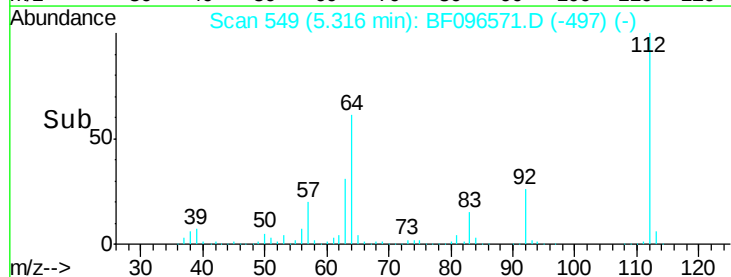
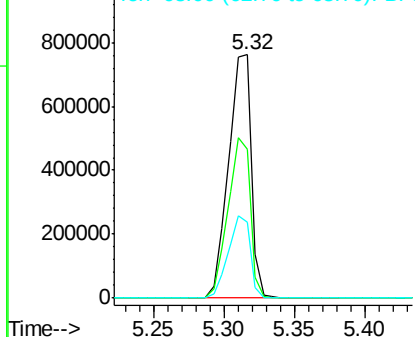
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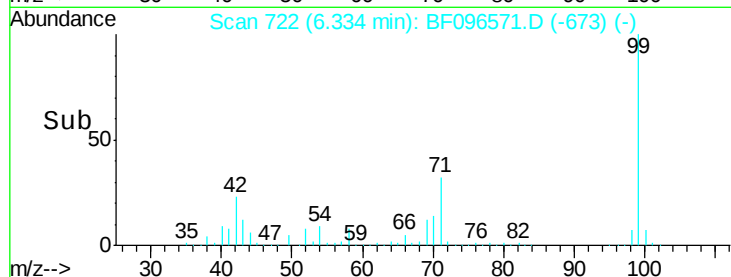
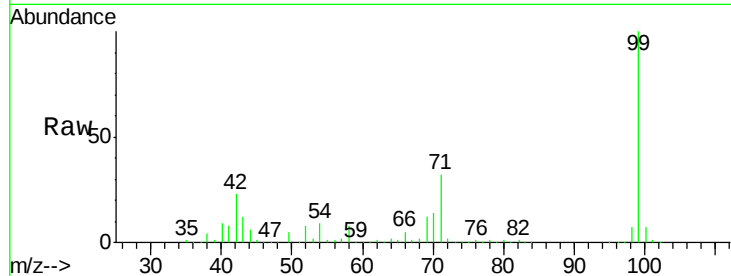
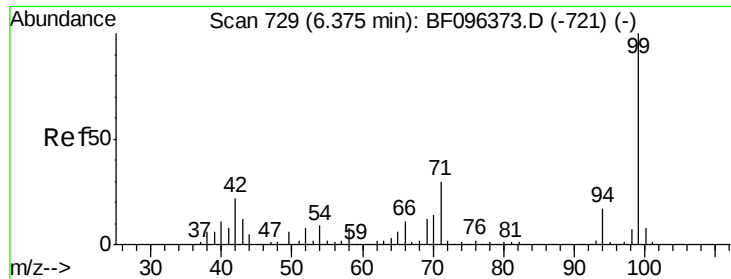
2-Fluorophenol
Concen: 123.98 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Tgt Ion:112 Resp: 855022
Ion Ratio Lower Upper
112 100
64 61.1 46.0 69.0
63 31.1 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

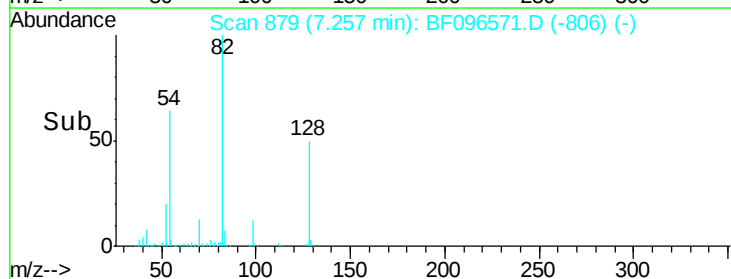
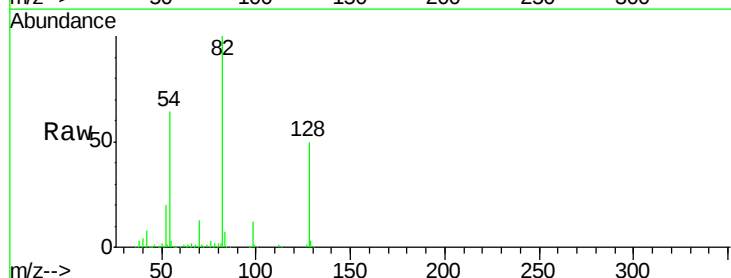
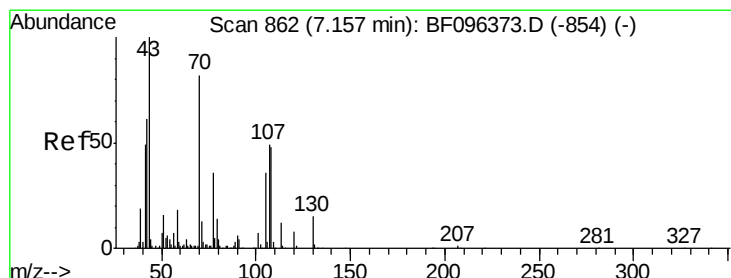
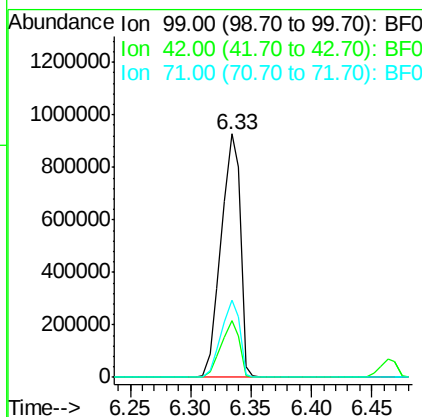




#7
 Phenol-d6
 Concen: 120.85 ng
 RT: 6.33 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

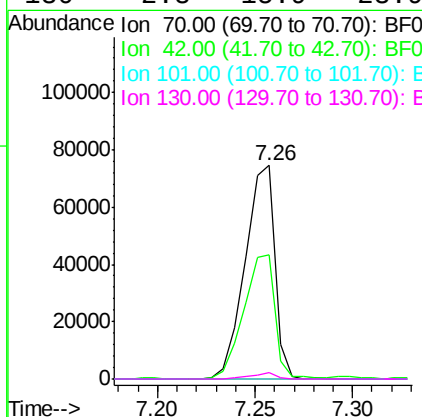
Instrument :
 BNA_F
 ClientSampleId :

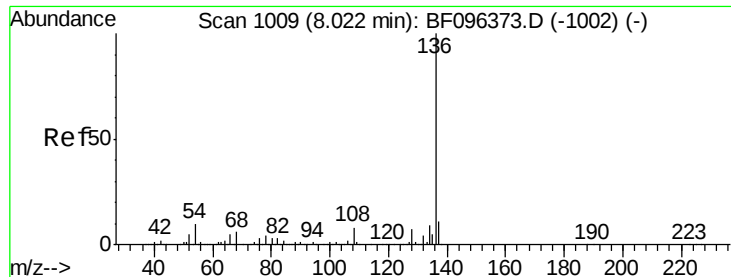
Tot Ion: 99 Resp: 1024666
 Ion Ratio Lower Upper
 99 100
 42 23.2 13.5 20.3#
 71 31.9 24.5 36.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.64 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.13 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Tgt Ion: 70 Resp: 79011
 Ion Ratio Lower Upper
 70 100
 42 58.2 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096571.D

Acq: 7 Jul 2017 20:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 433809

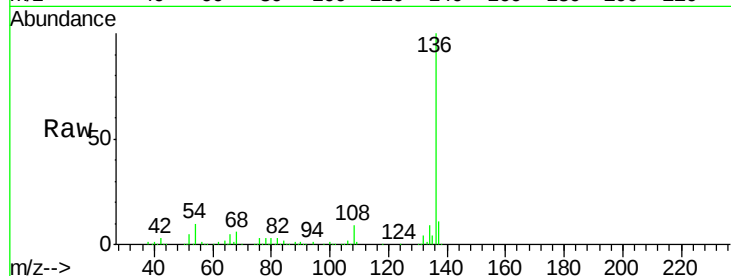
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.4 4.9 7.3#

68 6.0 4.1 6.1

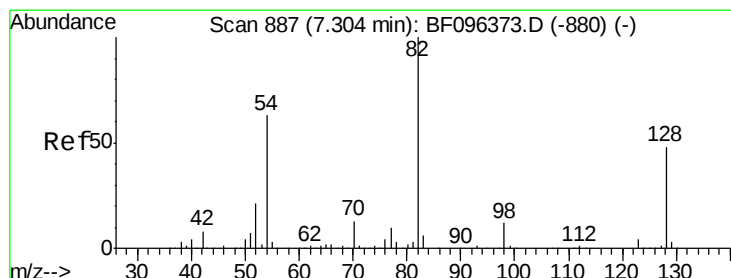
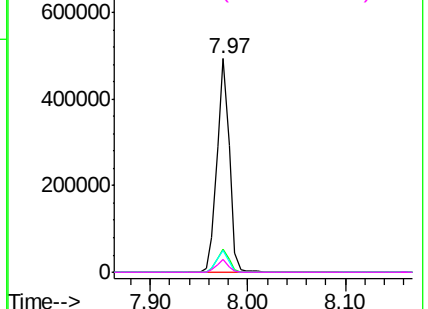
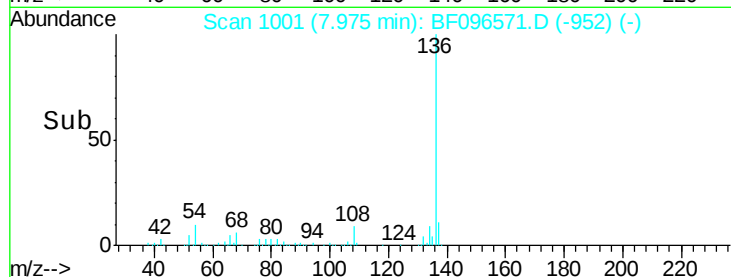


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 84.53 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096571.D

Acq: 7 Jul 2017 20:52

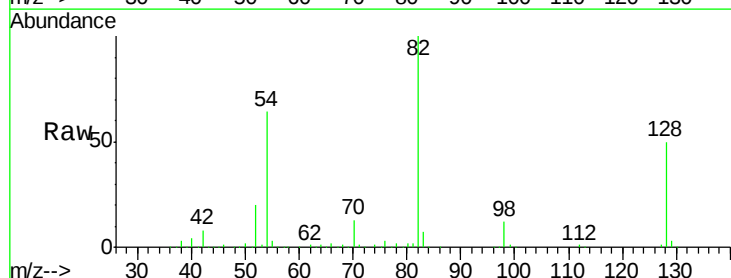
Tgt Ion: 82 Resp: 610244

Ion Ratio Lower Upper

82 100

128 49.6 34.0 51.0

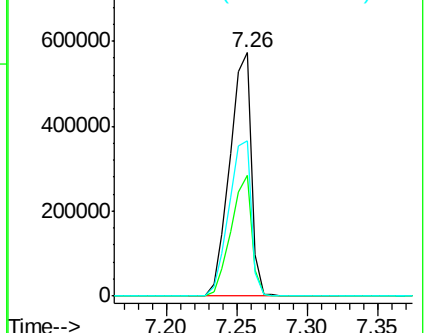
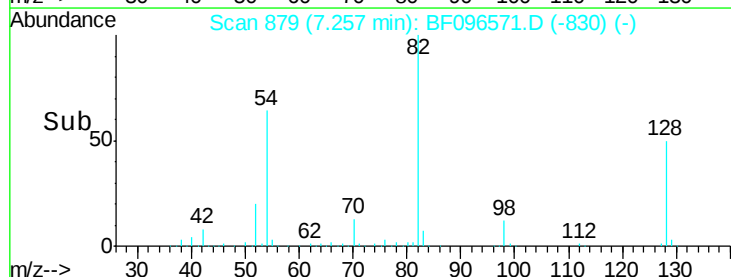
54 63.7 42.2 63.2#

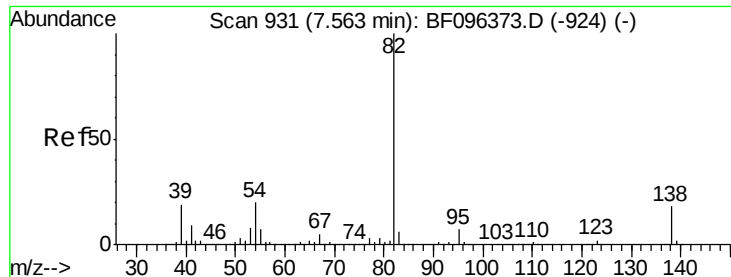


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.38 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.27 min

Lab File: BF096571.D

Acq: 7 Jul 2017 20:52

Instrument :

BNA_F

ClientSampleId :

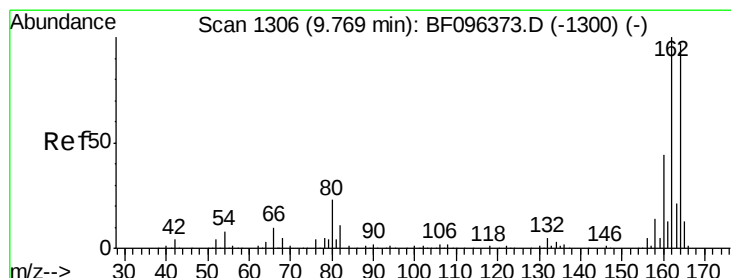
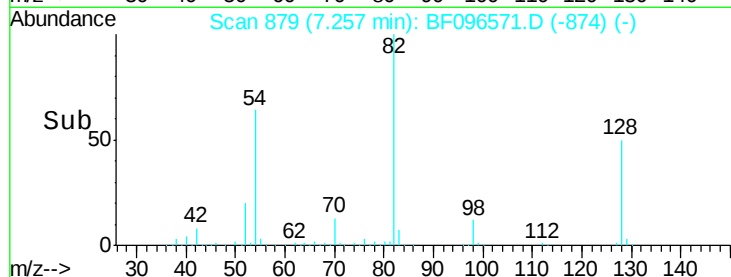
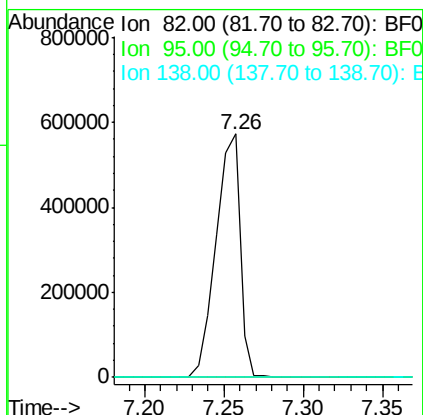
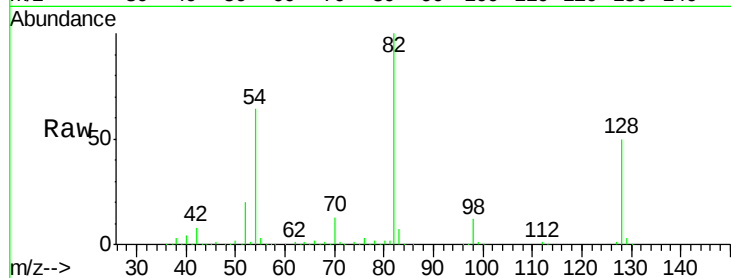
Tot Ion: 82 Resp: 607233

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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096571.D

Acq: 7 Jul 2017 20:52

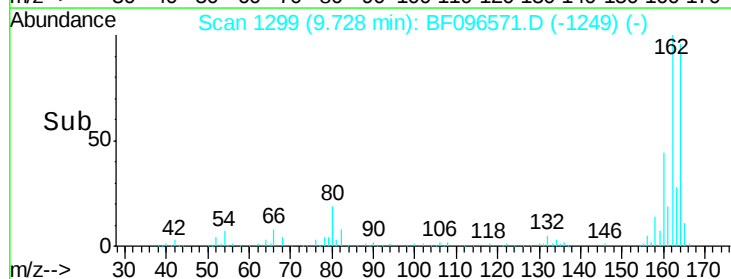
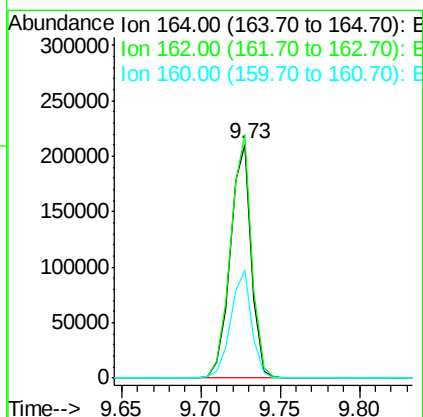
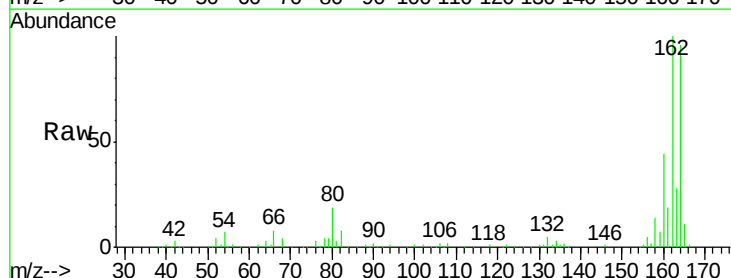
Tgt Ion: 164 Resp: 193202

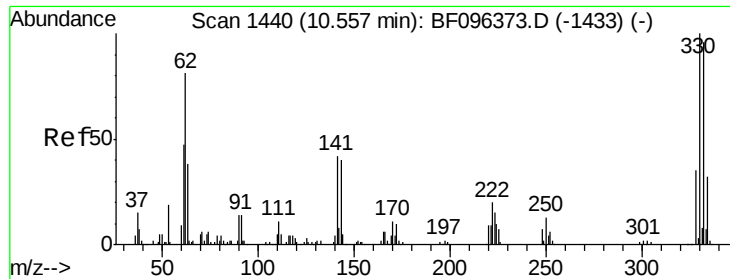
Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

160 46.0 36.2 54.2

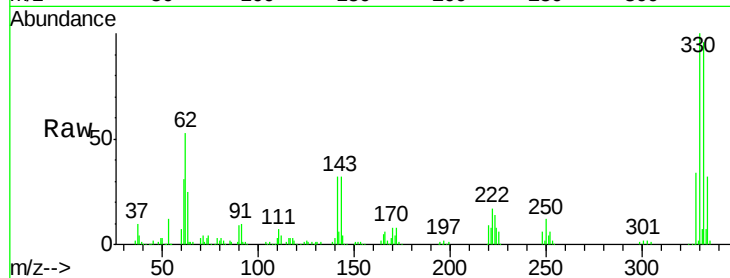




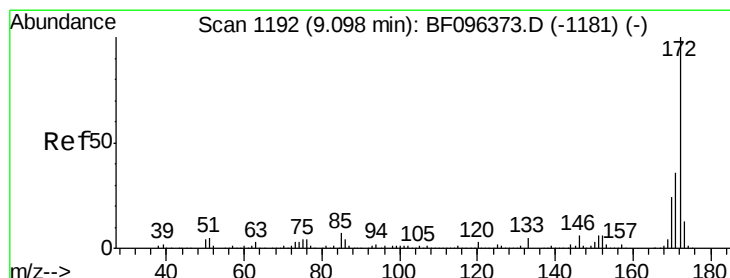
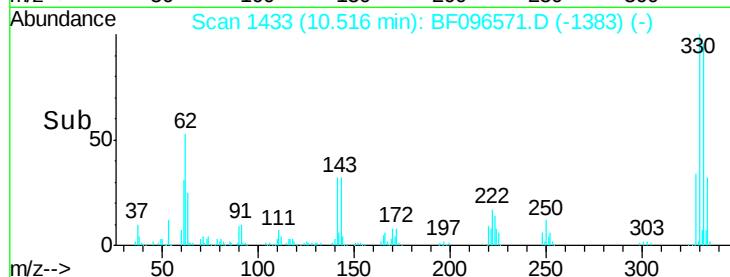
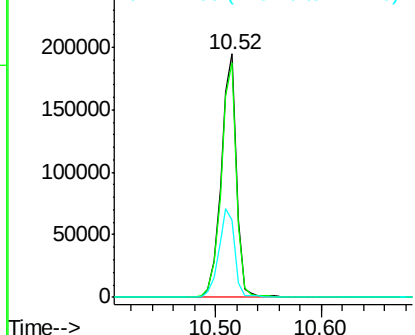
#41
 2,4,6-Tribromophenol
 Concen: 131.43 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 198354
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 38.1 31.4 47.2

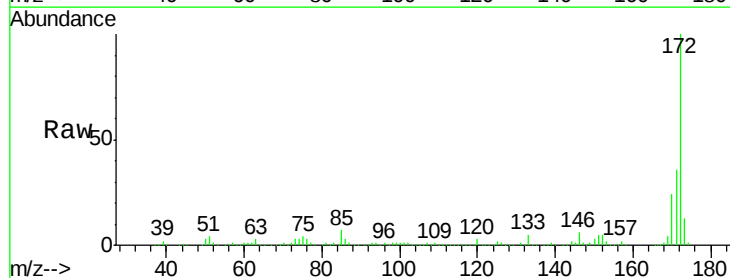


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

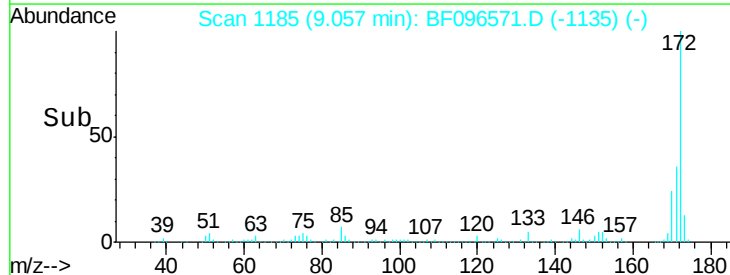
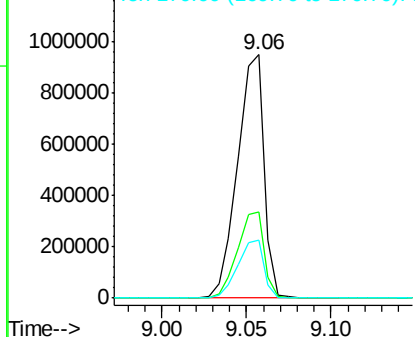


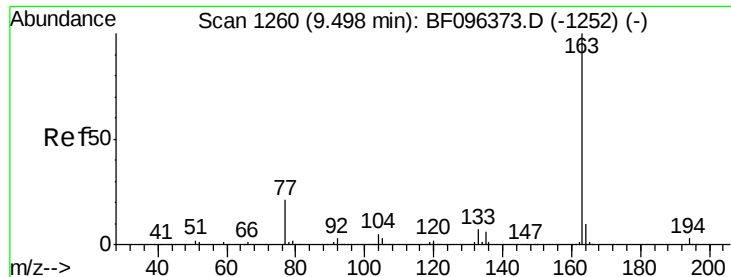
#44
 2-Fluorobiphenyl
 Concen: 92.34 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Tgt Ion:172 Resp: 1043385
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

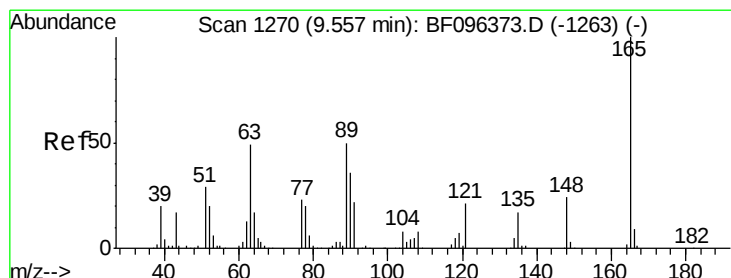
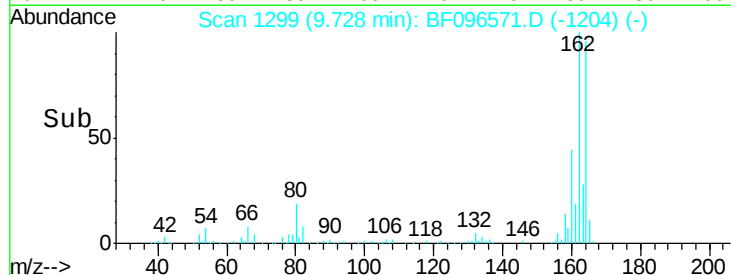
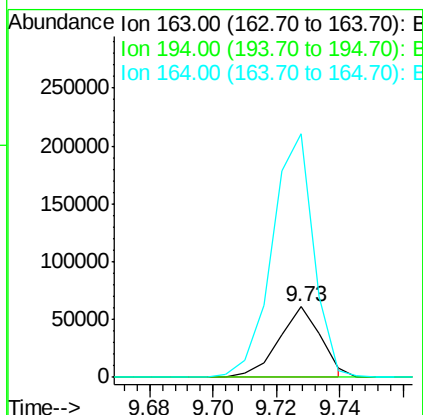
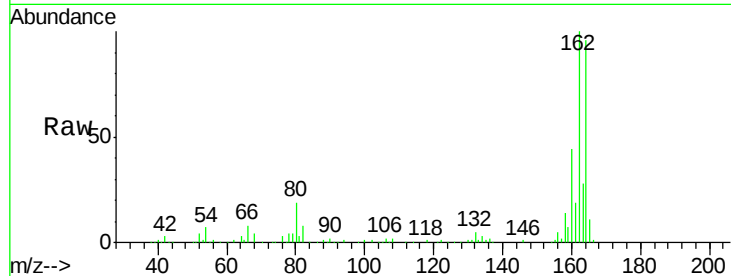




#49
Dimethylphthalate
Concen: 3.91 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.26 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

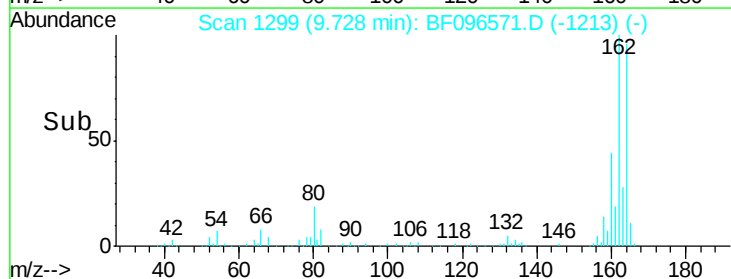
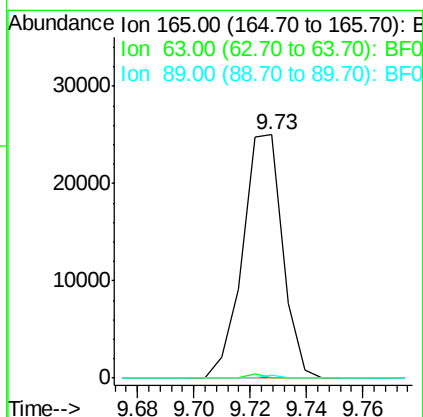
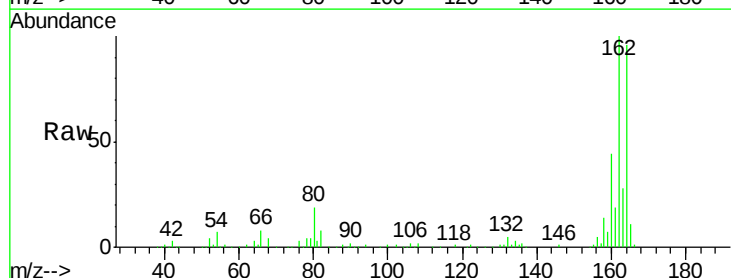
Instrument :
BNA_F
ClientSampled :

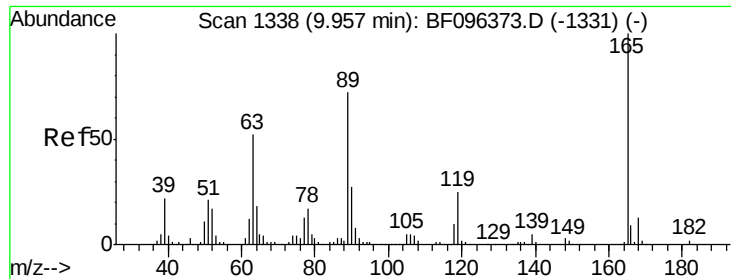
Tot Ion:163 Resp: 56371
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 345.4 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Tgt Ion:165 Resp: 24540
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.4 37.1 55.7#

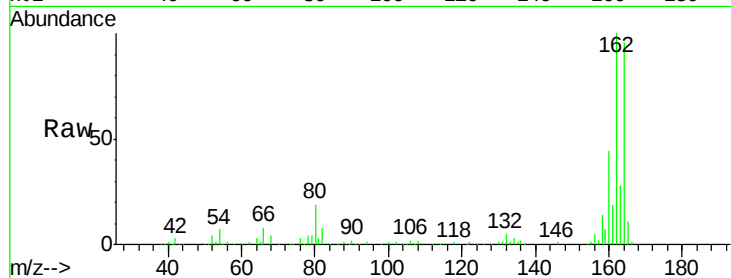




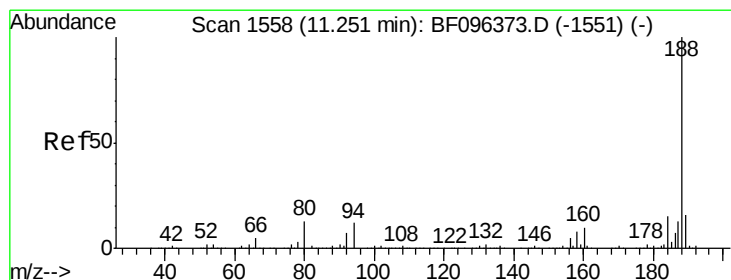
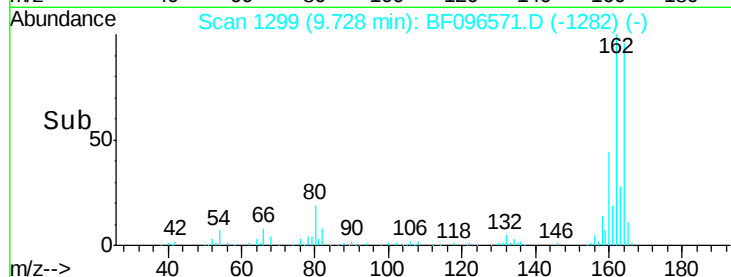
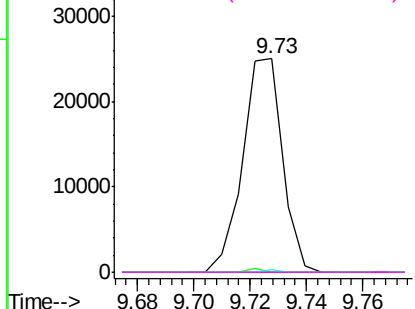
#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24540
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	1.4	46.4 69.6#
182	0.0	1.8 2.6#

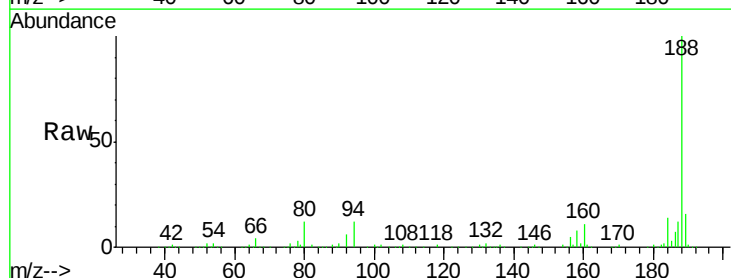


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

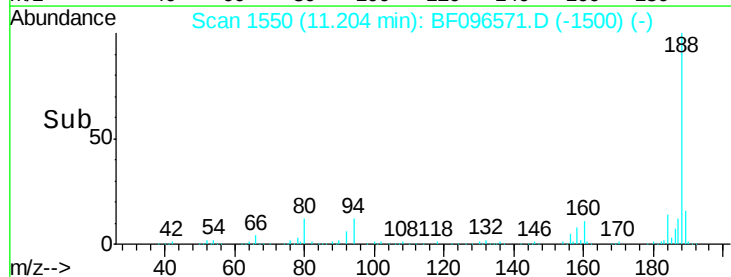
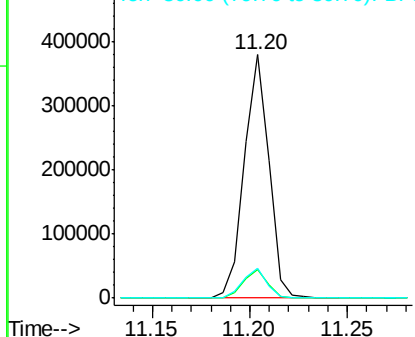


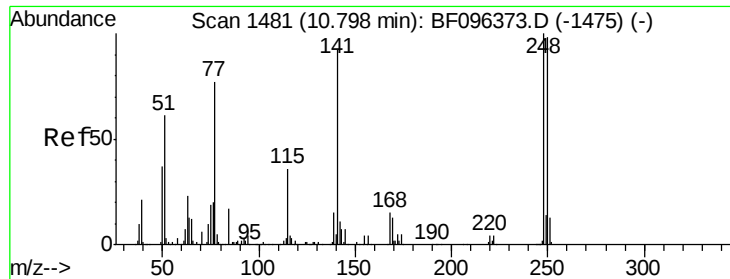
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Tgt Ion:188	Resp:	331632
Ion Ratio	Lower	Upper
188	100	
94	11.7	9.4 14.2
80	12.2	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

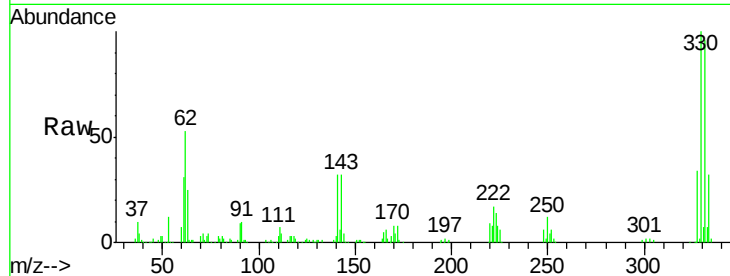




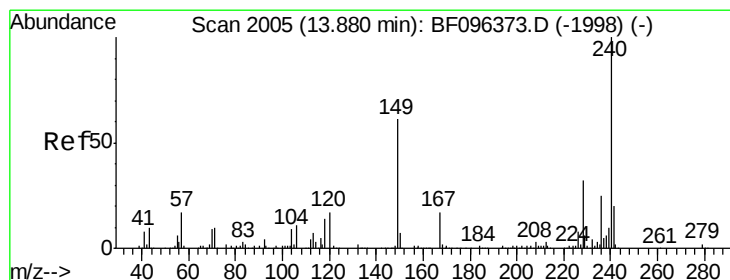
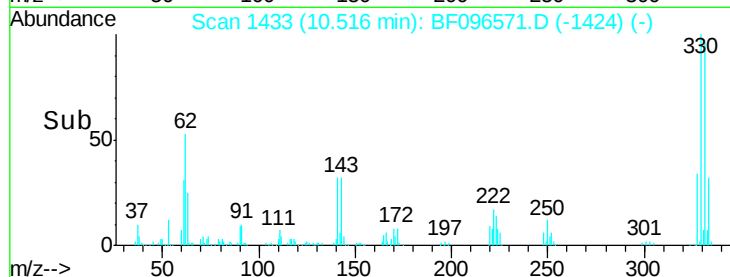
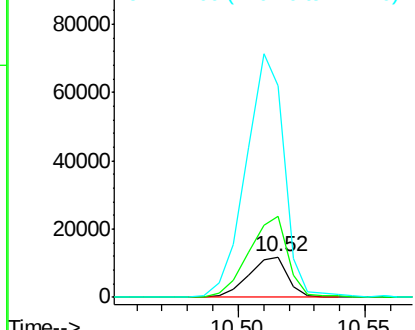
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12606
Ion Ratio Lower Upper
248 100
250 199.4 76.8 115.2#
141 521.4 68.6 103.0#

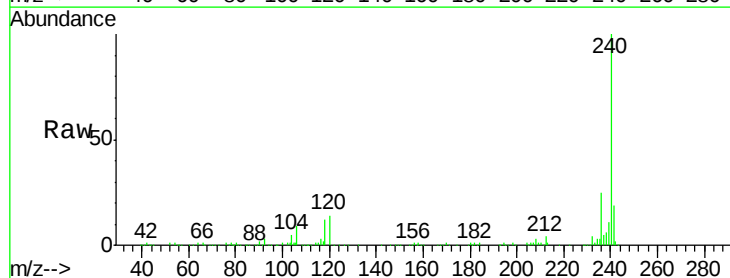


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

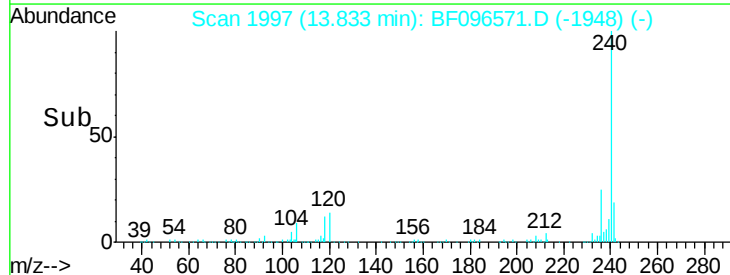
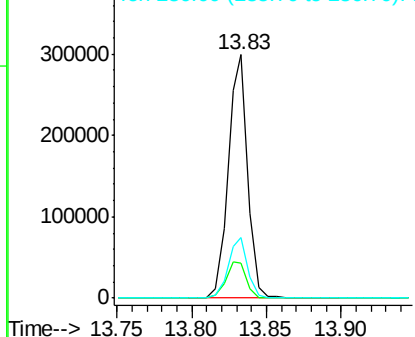


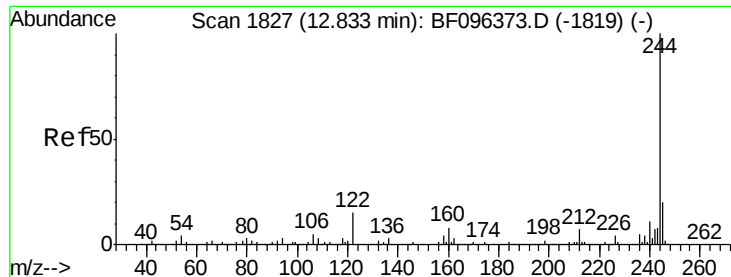
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Tgt Ion:240 Resp: 275145
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.1 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

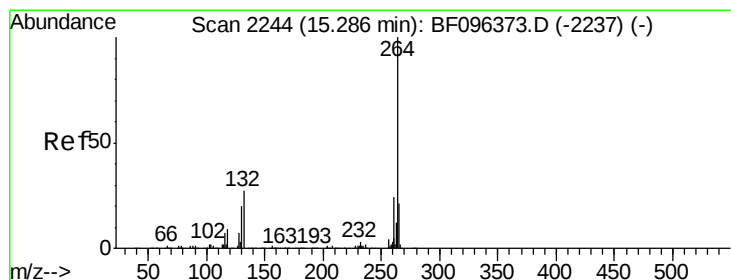
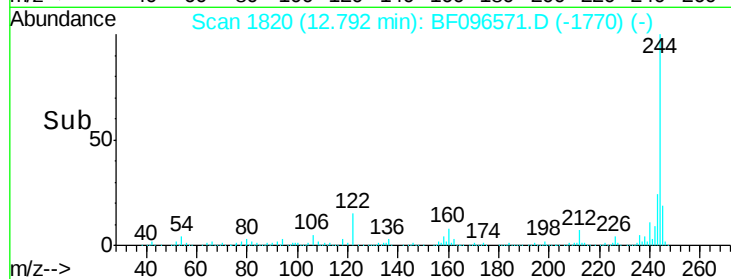
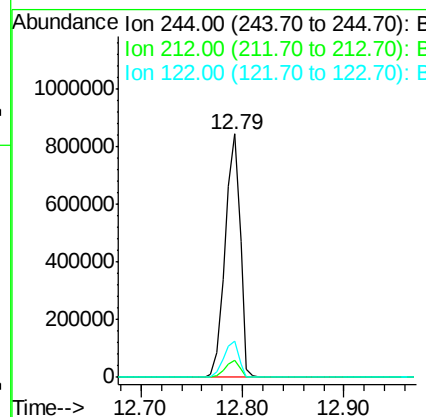
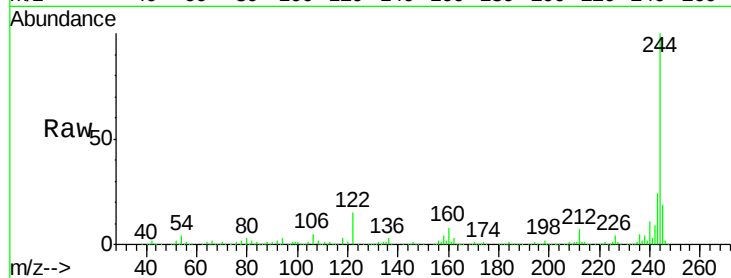




#78
 Terphenyl-d14
 Concen: 67.54 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 869607
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Tgt Ion:264 Resp: 200901
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.7 17.2 25.8

