

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096698.D
 Acq On : 12 Jul 2017 18:15
 Operator : SJ/JU
 Sample : I4126-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:04:24 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

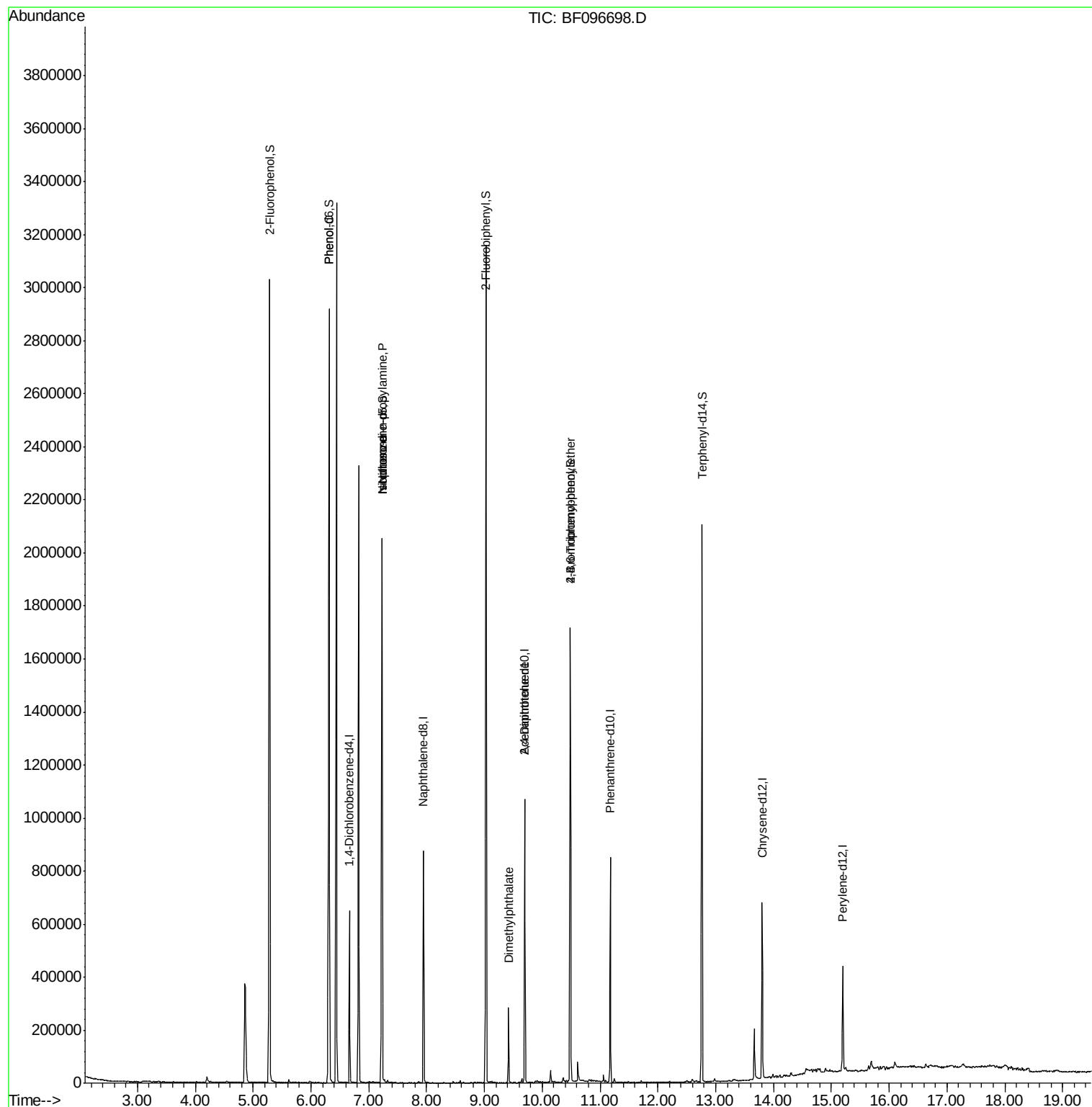
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	101014	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	407749	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	194886	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	283230	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	202441	20.00	ng	-0.04
86) Perylene-d12	15.20	264	166117	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	978727	143.01	ng	-0.02
7) Phenol-d6	6.32	99	1120797	133.21	ng	-0.03
23) Nitrobenzene-d5	7.23	82	719657	106.06	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	192528	126.47	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1077763	94.55	ng	-0.04
78) Terphenyl-d14	12.76	244	650020	68.61	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	26947	2.81	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.23	70	98328	19.62	ng	# 87
25) Isophorone	7.23	82	715296	54.37	ng	# 67
49) Dimethylphthalate	9.42	163	115787	7.96	ng	99
56) 2,4-Dinitrotoluene	9.70	165	24042	5.90	ng	# 32
66) 4-Bromophenyl-phenylether	10.49	248	12380	4.49	ng	# 1

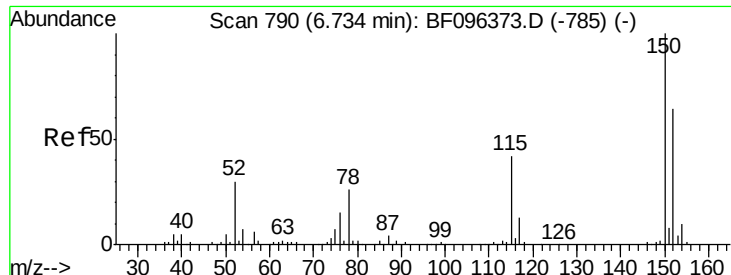
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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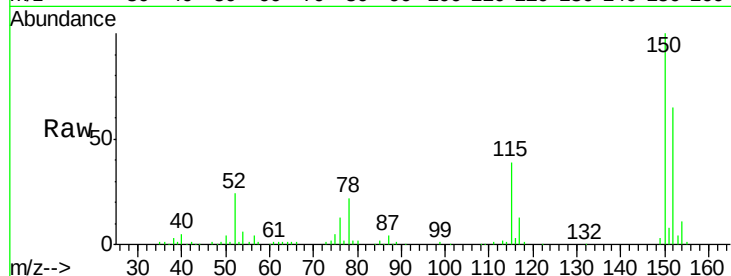


#1

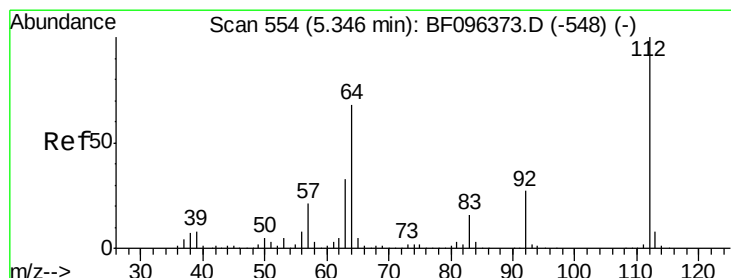
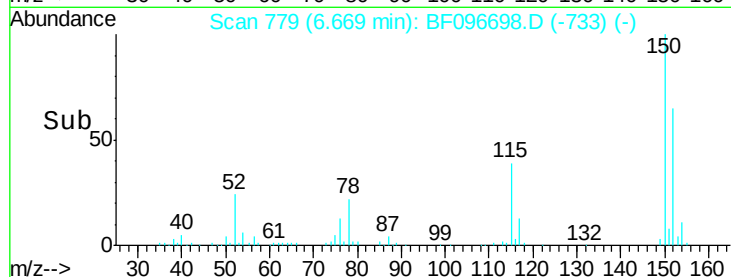
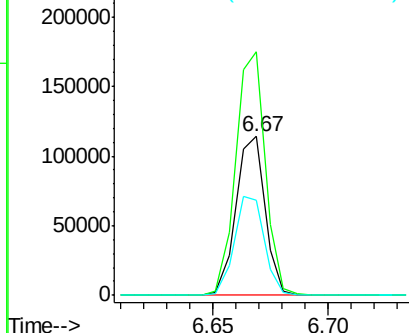
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101014
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 59.9 52.2 78.2



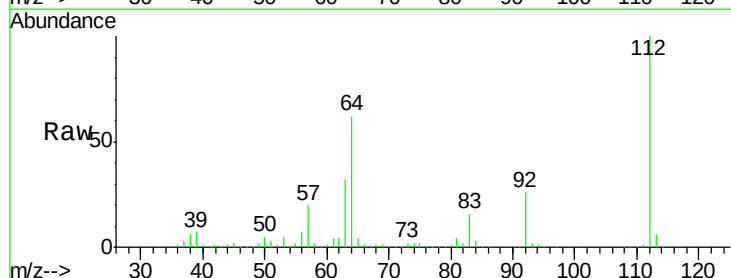
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



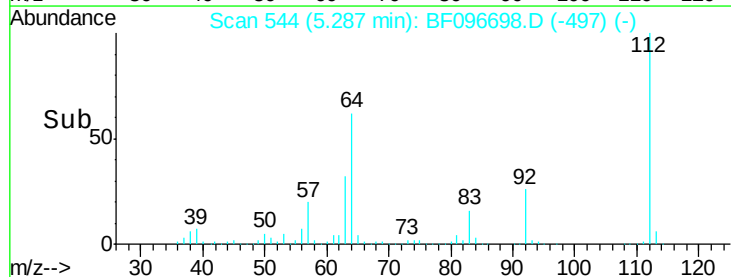
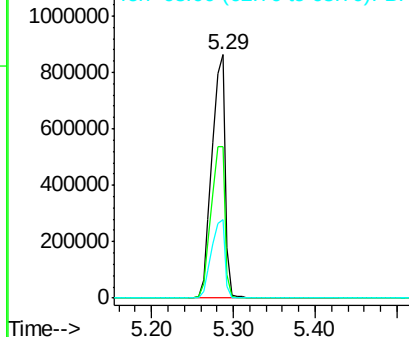
#5

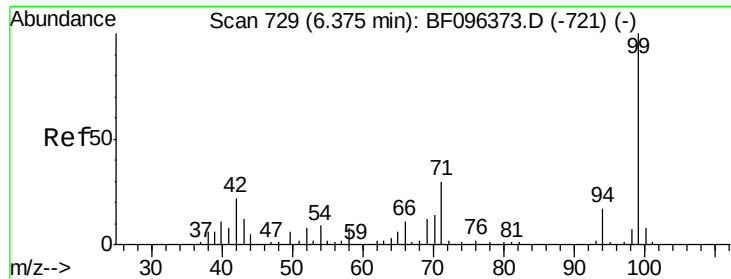
2-Fluorophenol
Concen: 143.01 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

Tgt Ion:112 Resp: 978727
Ion Ratio Lower Upper
112 100
64 62.1 46.0 69.0
63 32.0 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: 133.21 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096698.D

Acq: 12 Jul 2017 18:15

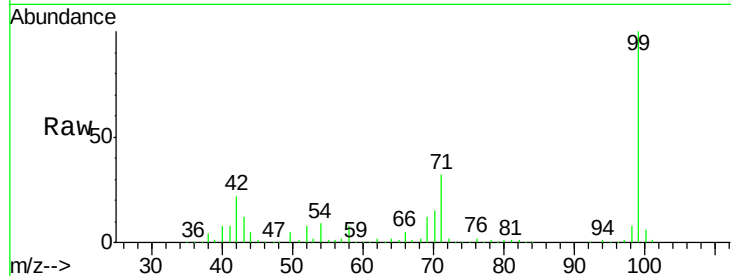
Instrument :

BNA_F

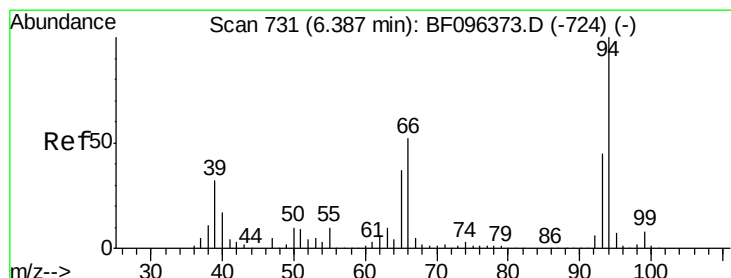
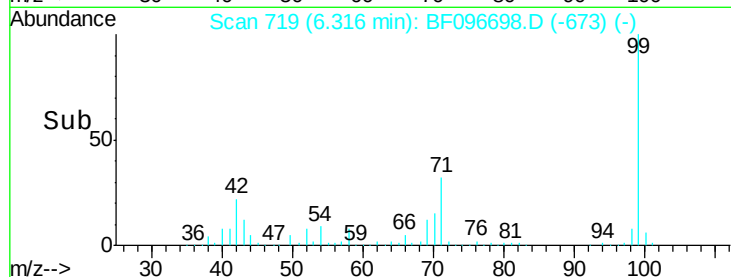
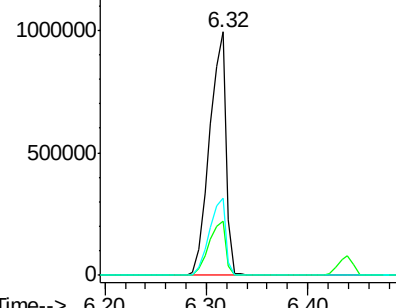
ClientSampled :

Tot Ion: 99 Resp: 1120797

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	31.7	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



#10

Phenol

Concen: 2.81 ng

RT: 6.32 min Scan# 720

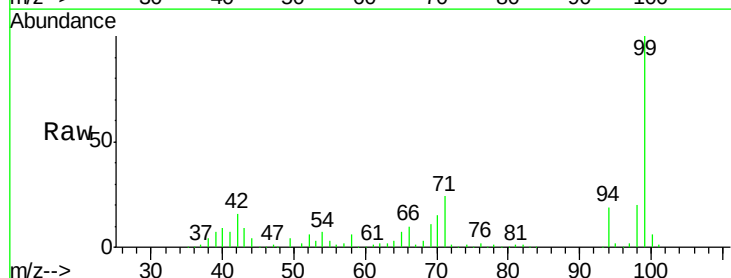
Delta R.T. -0.04 min

Lab File: BF096698.D

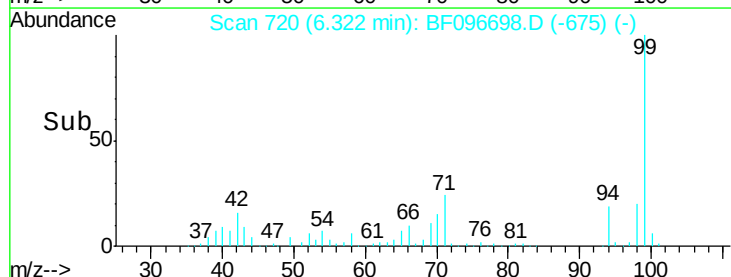
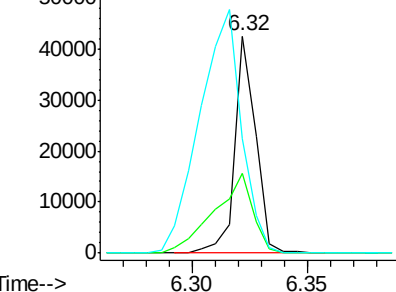
Acq: 12 Jul 2017 18:15

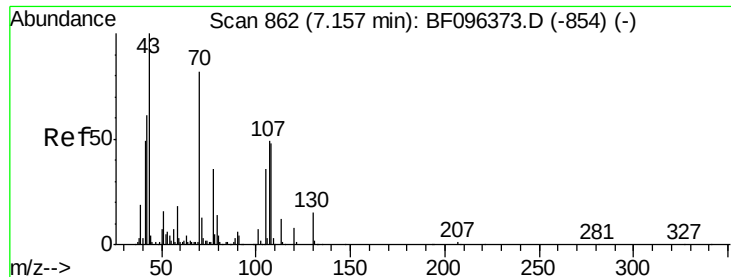
Tgt Ion: 94 Resp: 26947

Ion	Ratio	Lower	Upper
94	100		
65	36.8	9.9	49.9
66	52.5	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

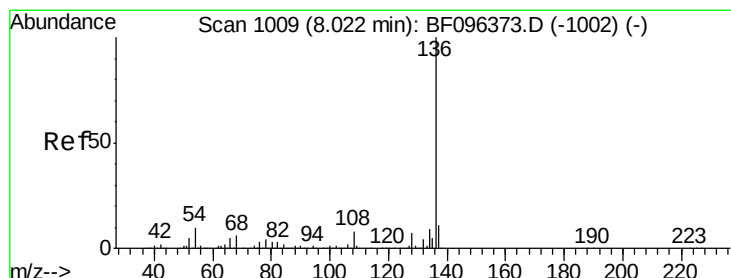
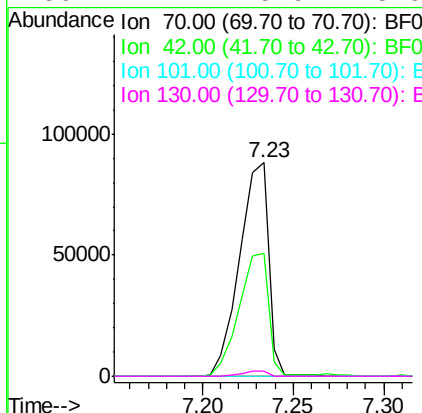
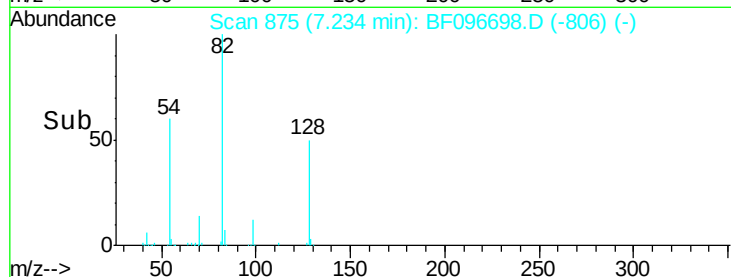
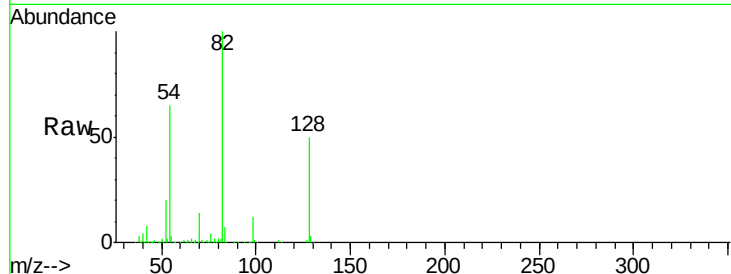




#19
n-Nitroso-di-n-propylamine
Concen: 19.62 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

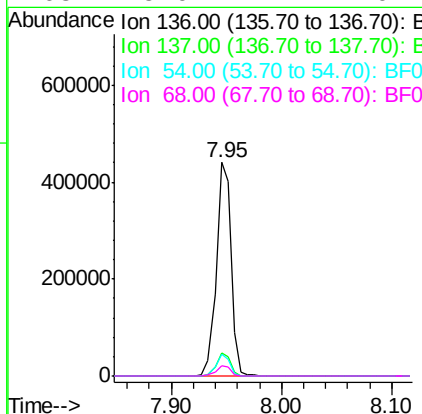
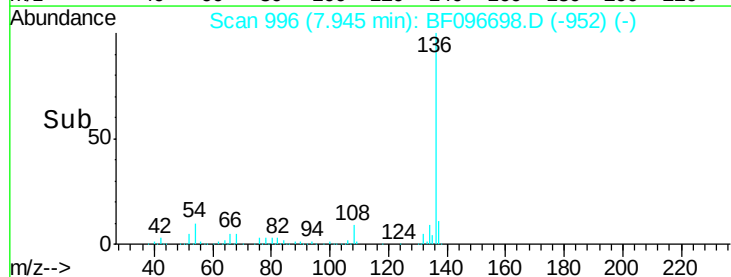
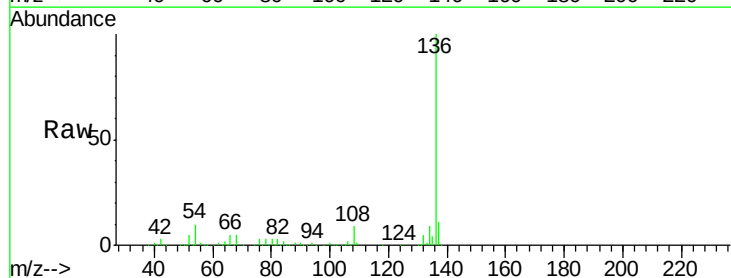
Instrument :
BNA_F
ClientSampled :

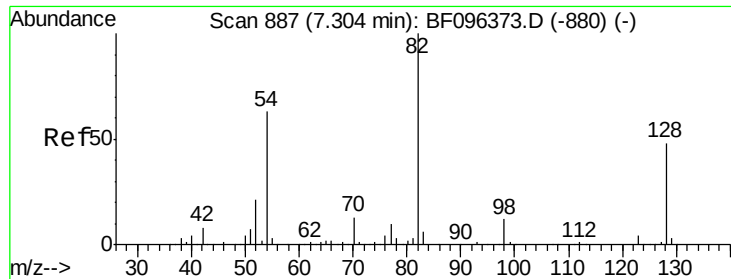
Tot Ion: 70 Resp: 98328
Ion Ratio Lower Upper
70 100
42 57.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

Tgt Ion: 136 Resp: 407749
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.0 4.9 7.3#
68 5.0 4.1 6.1

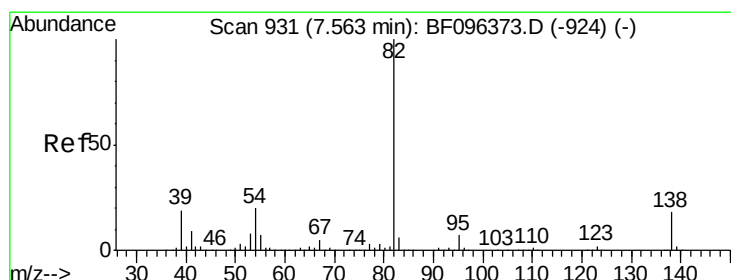
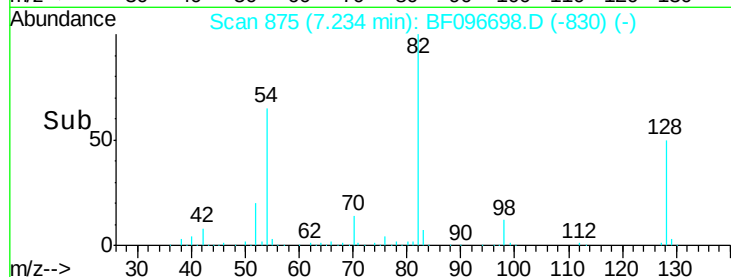
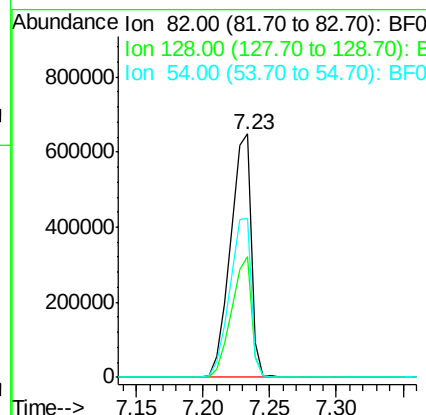
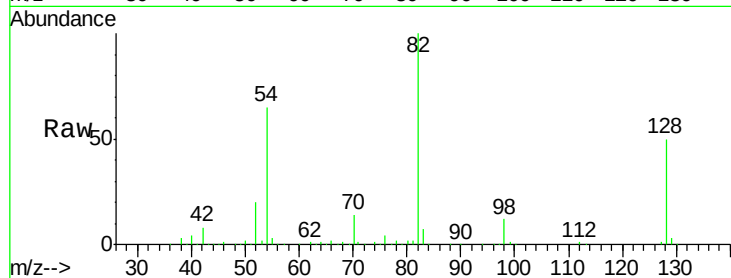




#23
Nitrobenzene-d5
Concen: 106.06 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

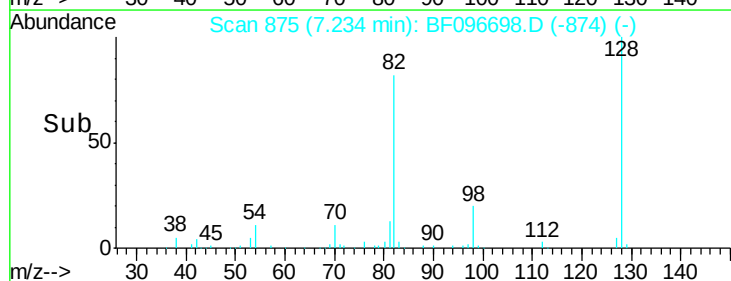
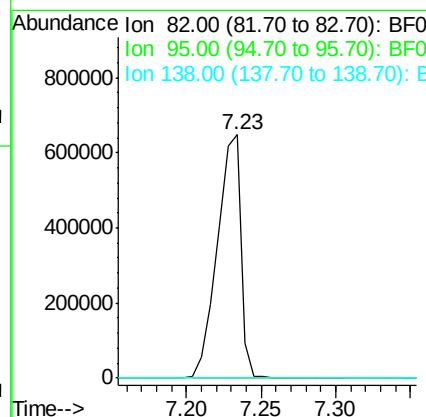
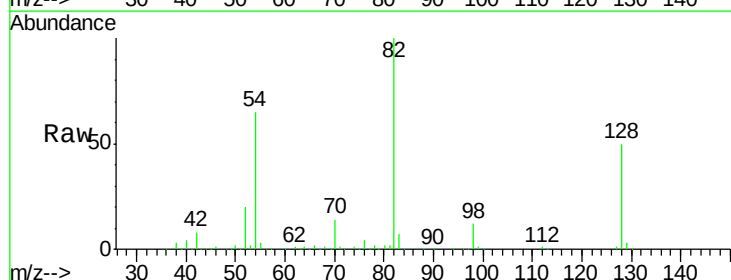
Instrument :
BNA_F
ClientSampleId :

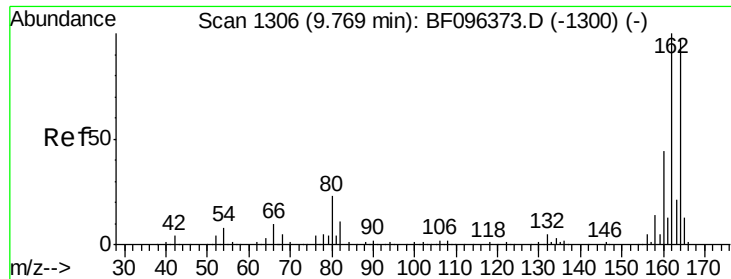
Tot Ion: 82 Resp: 719657
Ion Ratio Lower Upper
82 100
128 49.6 34.0 51.0
54 65.4 42.2 63.2#



#25
Isophorone
Concen: 54.37 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.29 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

Tgt Ion: 82 Resp: 715296
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

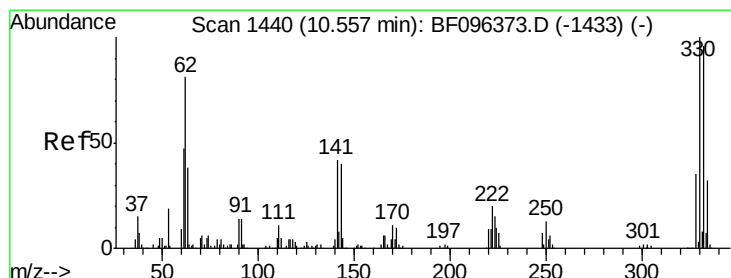
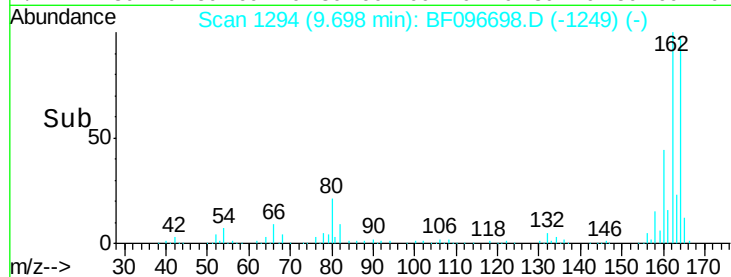
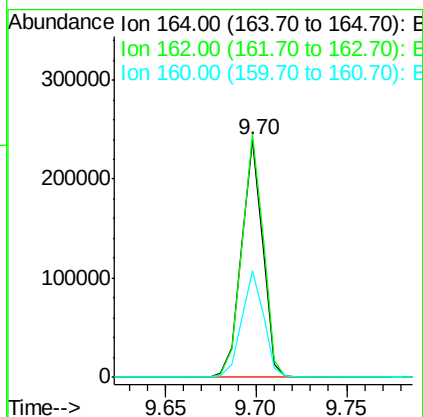
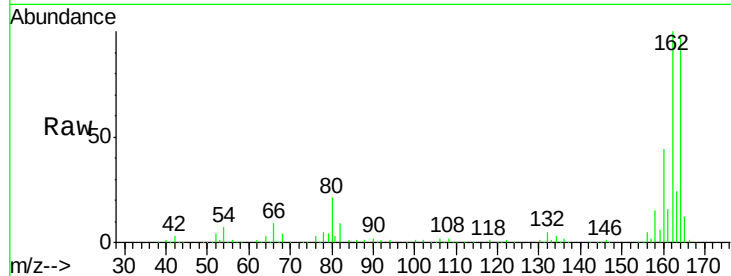




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096698.D
 Acq: 12 Jul 2017 18:15

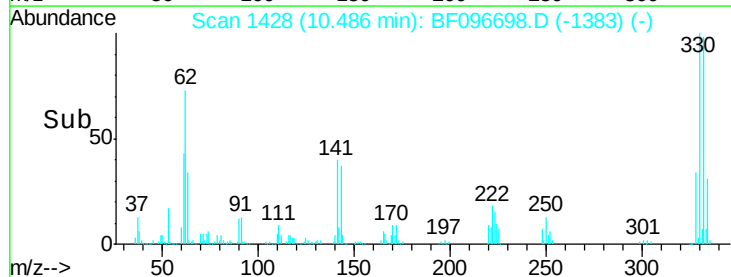
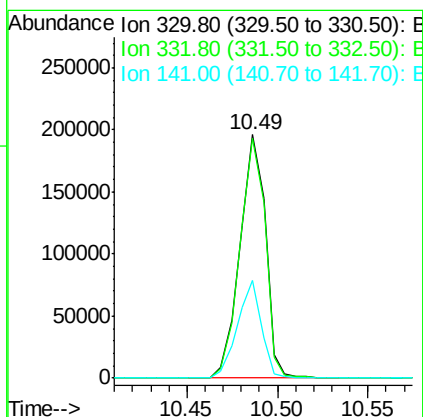
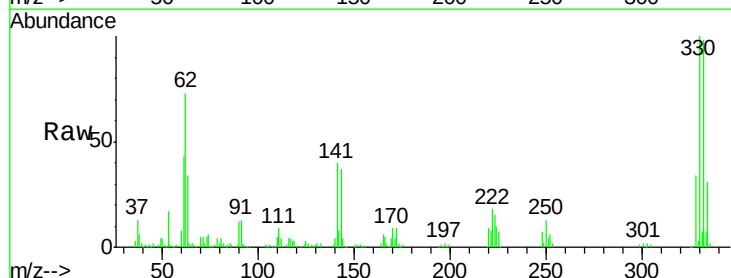
Instrument :
 BNA_F
 ClientSampleId :

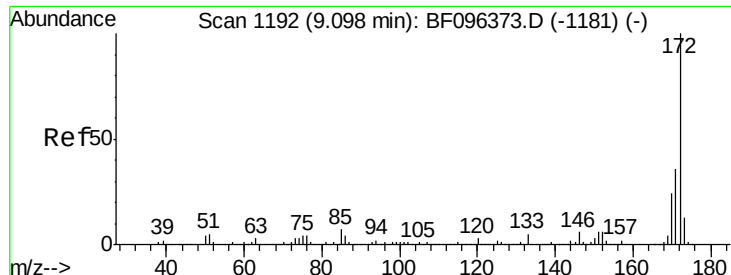
Tot Ion:164 Resp: 194886
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 126.47 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096698.D
 Acq: 12 Jul 2017 18:15

Tgt Ion:330 Resp: 192528
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 37.9 31.4 47.2



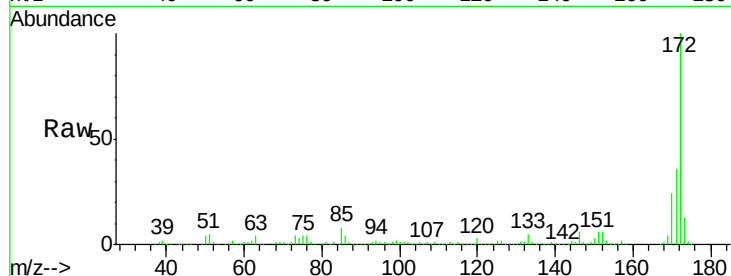


#44
 2-Fluorobiphenyl
 Concen: 94.55 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096698.D
 Acq: 12 Jul 2017 18:15

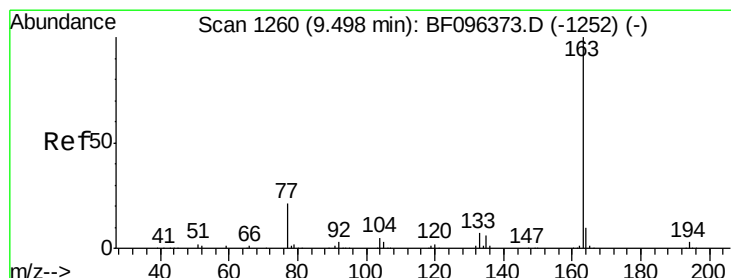
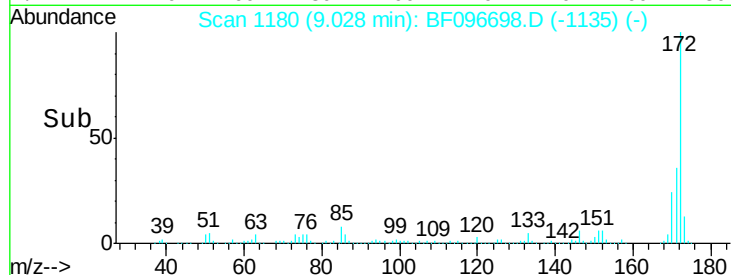
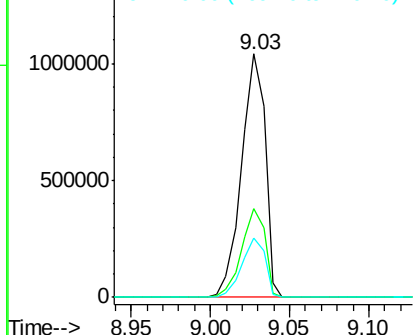
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1077763

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8



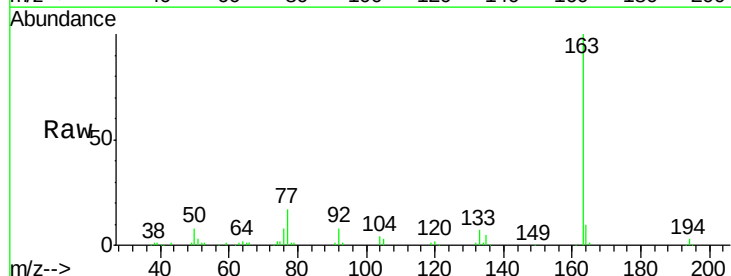
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



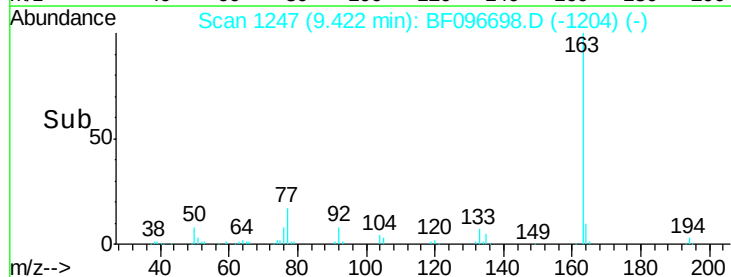
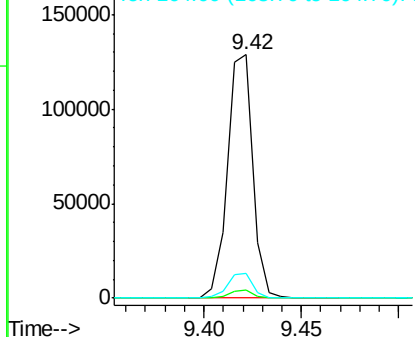
#49
 Dimethylphthalate
 Concen: 7.96 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096698.D
 Acq: 12 Jul 2017 18:15

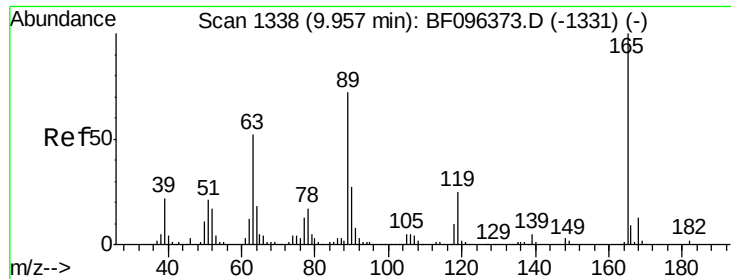
Tgt Ion:163 Resp: 115787

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	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

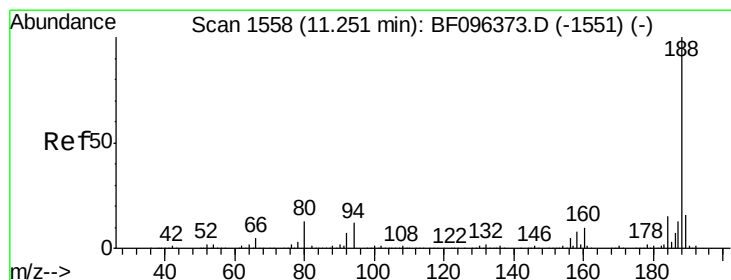
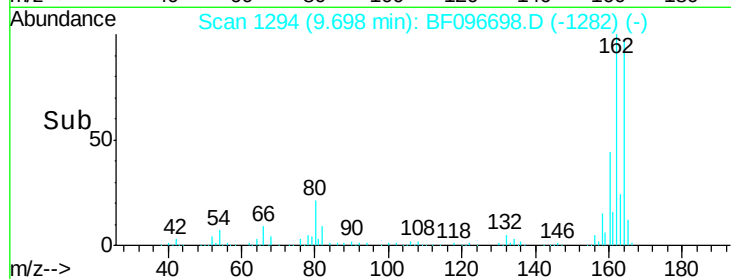
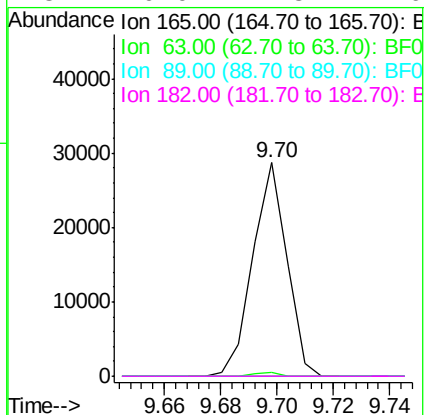
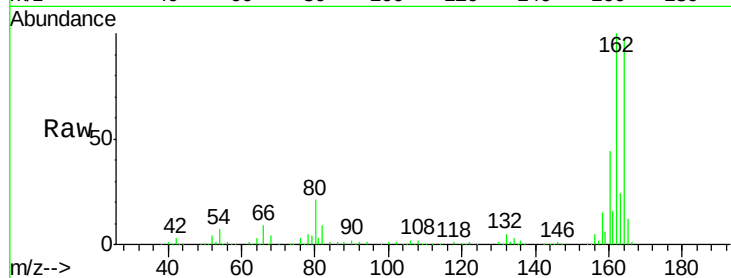




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096698.D
 Acq: 12 Jul 2017 18:15

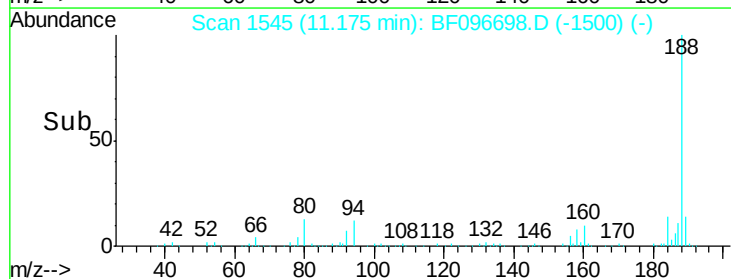
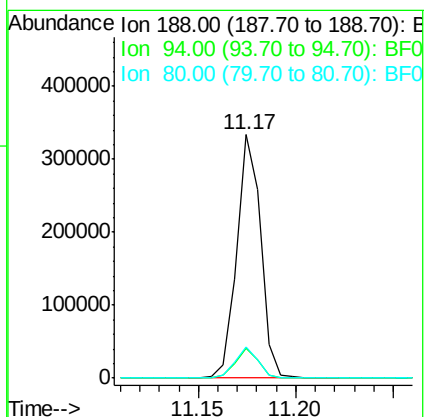
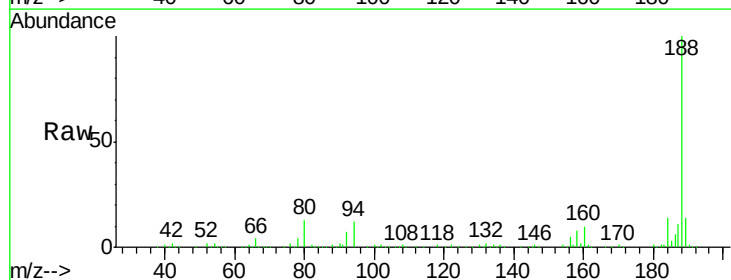
Instrument :
 BNA_F
 ClientSampleId :

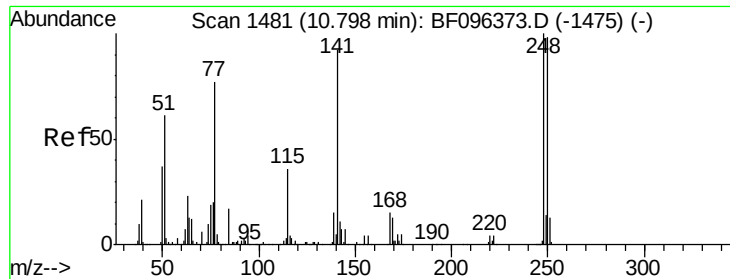
Tot Ion:165	Resp:	24042
Ion Ratio	Lower	Upper
165	100	
63	1.8	25.4 38.0#
89	0.0	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096698.D
 Acq: 12 Jul 2017 18:15

Tgt Ion:188	Resp:	283230
Ion Ratio	Lower	Upper
188	100	
94	12.2	9.4 14.2
80	12.7	10.2 15.2

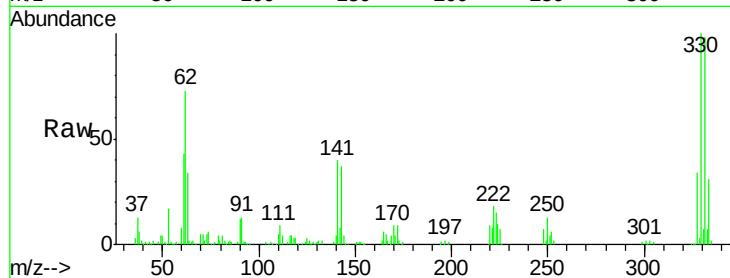




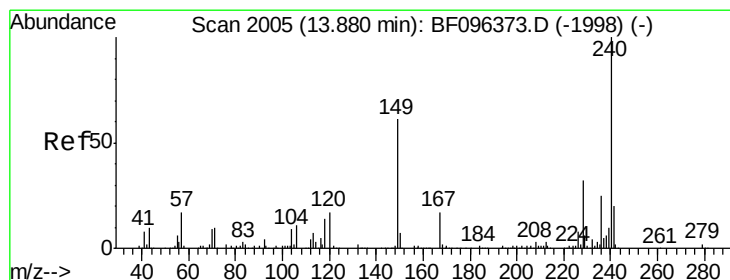
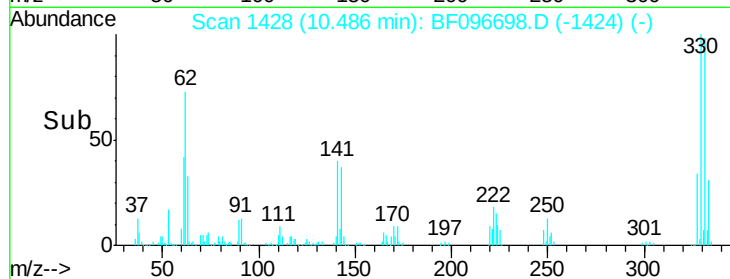
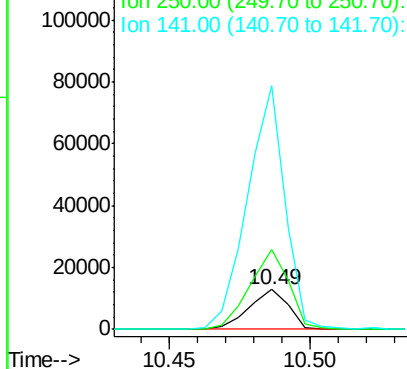
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.28 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12380
Ion Ratio Lower Upper
248 100
250 199.7 76.8 115.2#
141 612.1 68.6 103.0#

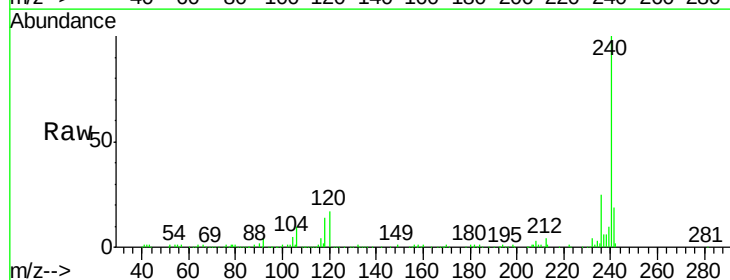


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

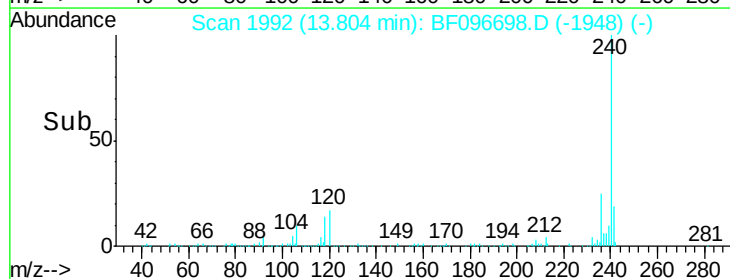
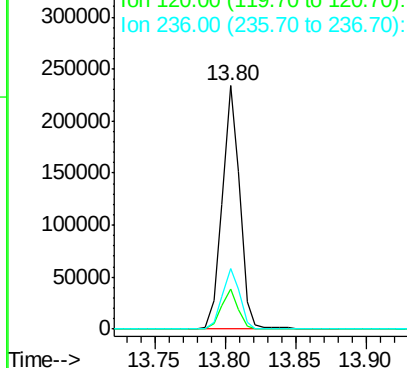


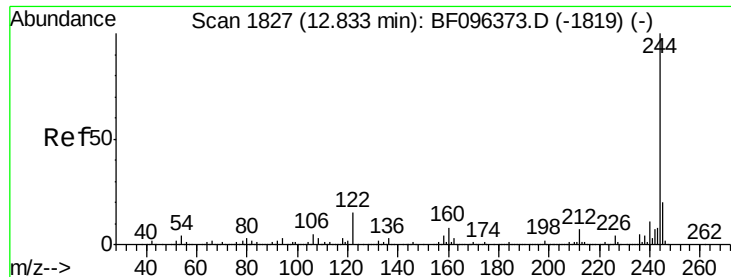
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096698.D
Acq: 12 Jul 2017 18:15

Tgt Ion:240 Resp: 202441
Ion Ratio Lower Upper
240 100
120 16.5 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: 68.61 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096698.D

Acq: 12 Jul 2017 18:15

Instrument :

BNA_F

ClientSampleId :

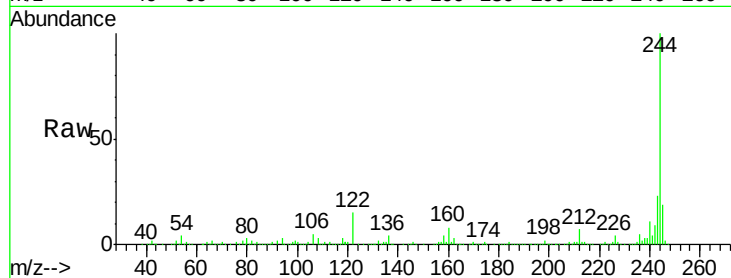
Tot Ion:244 Resp: 650020

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

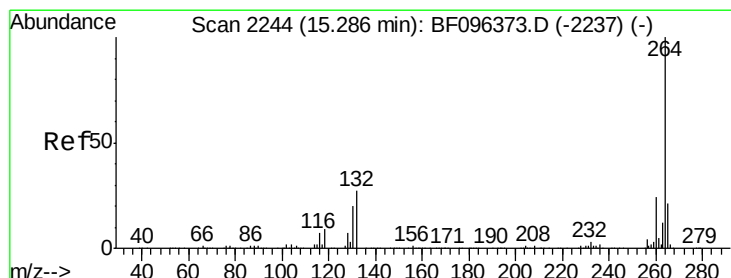
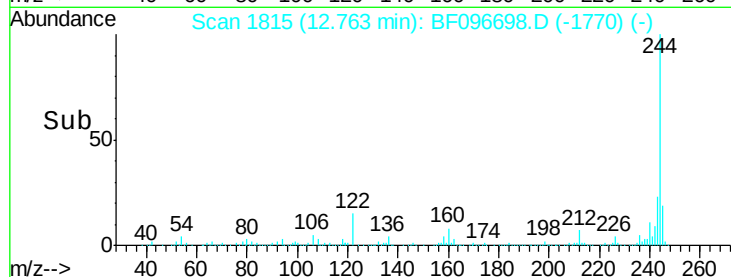
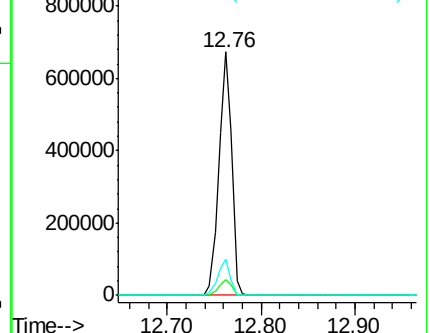
122 14.9 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096698.D

Acq: 12 Jul 2017 18:15

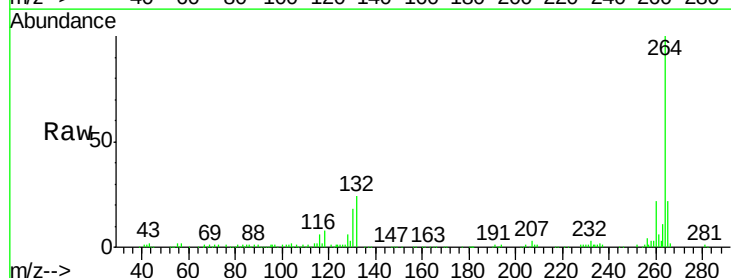
Tgt Ion:264 Resp: 166117

Ion Ratio Lower Upper

264 100

260 22.1 19.5 29.3

265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

