

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096697.D
 Acq On : 12 Jul 2017 17:47
 Operator : SJ/JU
 Sample : I4126-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:04:04 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

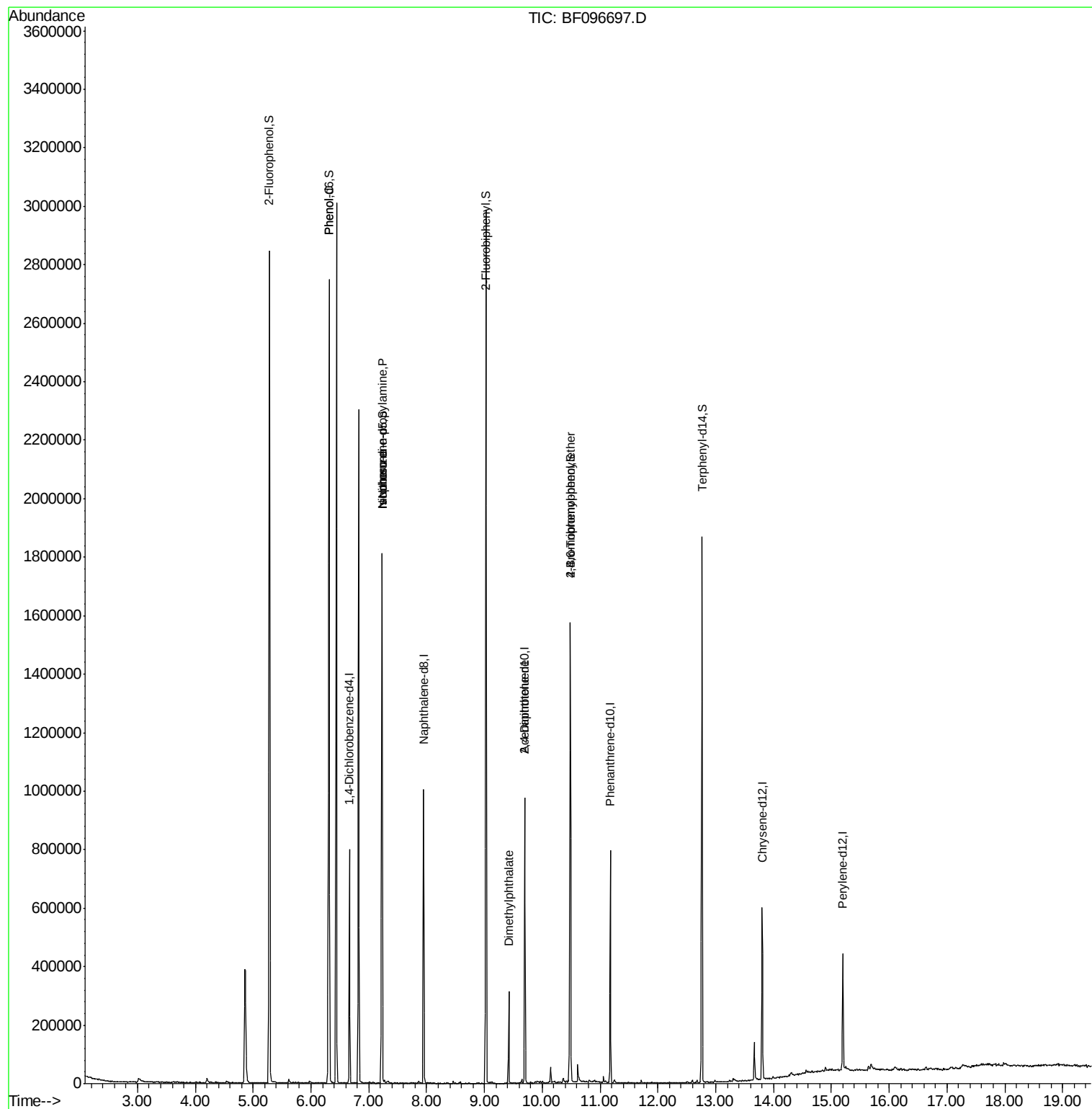
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	118397	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	485138	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	184677	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	272595	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	189843	20.00	ng	-0.04
86) Perylene-d12	15.20	264	166421	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	942449	117.49	ng	-0.02
7) Phenol-d6	6.32	99	1062318	107.72	ng	-0.03
23) Nitrobenzene-d5	7.23	82	634961	78.65	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	175968	121.98	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	987792	91.45	ng	-0.04
78) Terphenyl-d14	12.76	244	579506	65.23	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	24259	2.16	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.23	70	86110	14.66	ng	# 86
25) Isophorone	7.23	82	613134	39.17	ng	# 67
49) Dimethylphthalate	9.42	163	130772	9.49	ng	98
56) 2,4-Dinitrotoluene	9.70	165	22536	5.84	ng	# 32
66) 4-Bromophenyl-phenylether	10.49	248	11565	4.36	ng	# 1

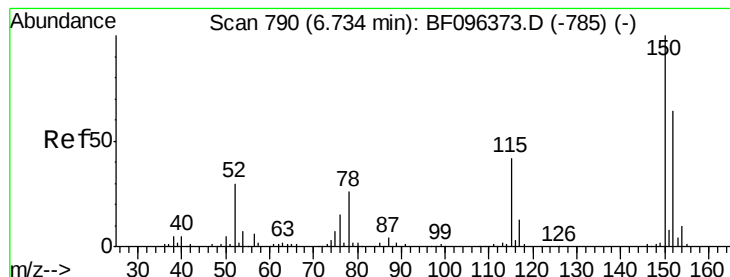
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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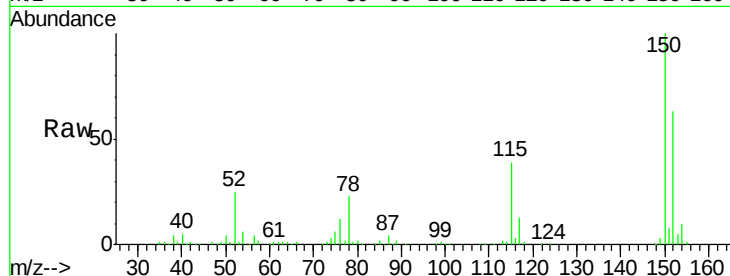




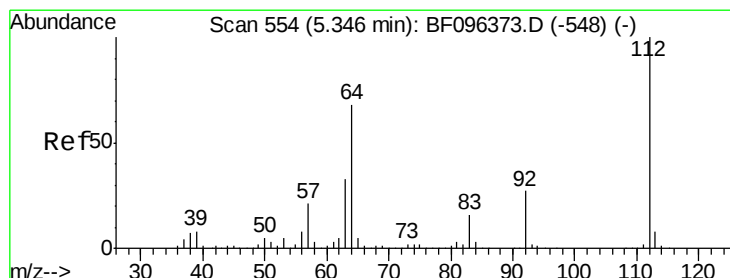
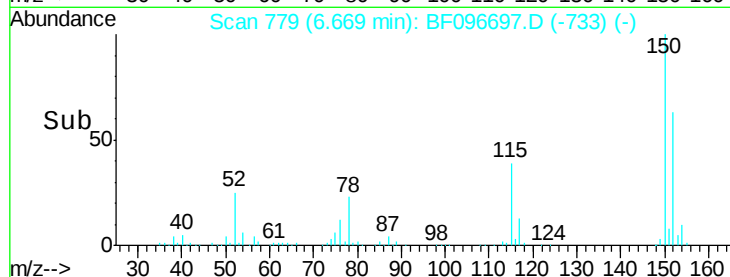
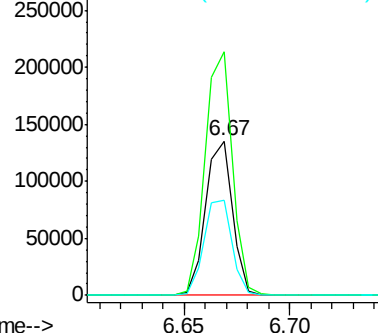
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 118397
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 62.0 52.2 78.2

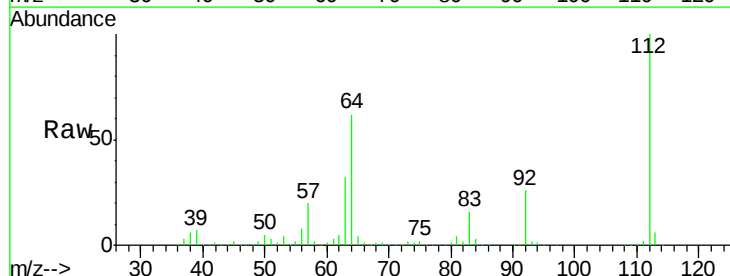


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

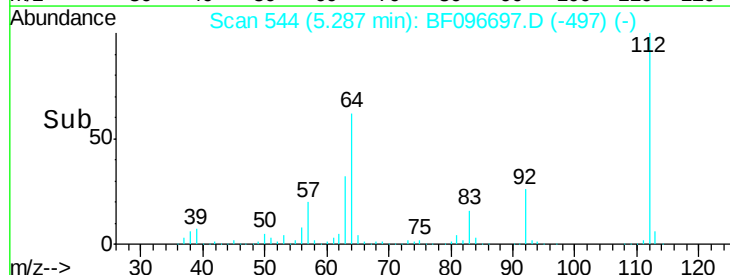
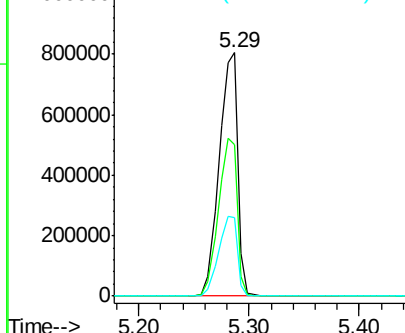


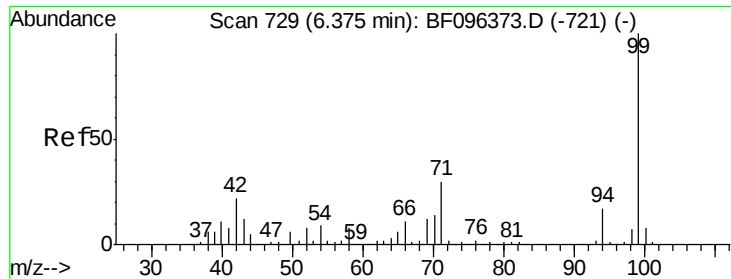
#5
 2-Fluorophenol
 Concen: 117.49 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Tgt Ion:112 Resp: 942449
 Ion Ratio Lower Upper
 112 100
 64 62.4 46.0 69.0
 63 32.4 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: 107.72 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096697.D

Acq: 12 Jul 2017 17:47

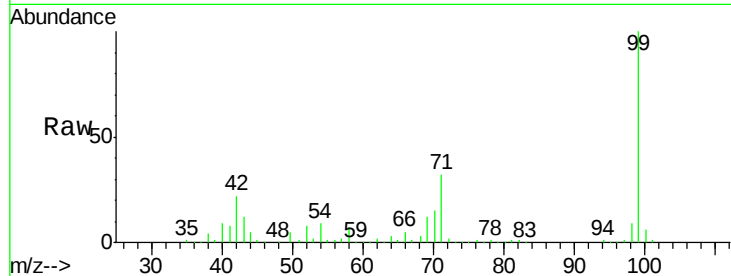
Instrument :

BNA_F

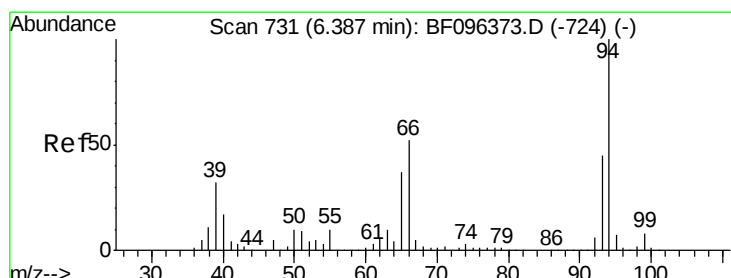
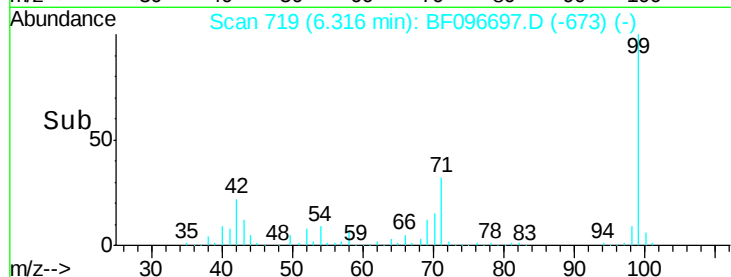
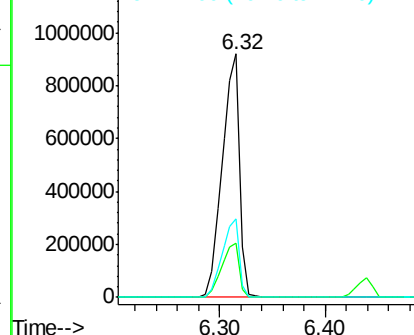
ClientSampleId :

Tot Ion: 99 Resp: 1062318

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	32.5	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: 2.16 ng

RT: 6.32 min Scan# 720

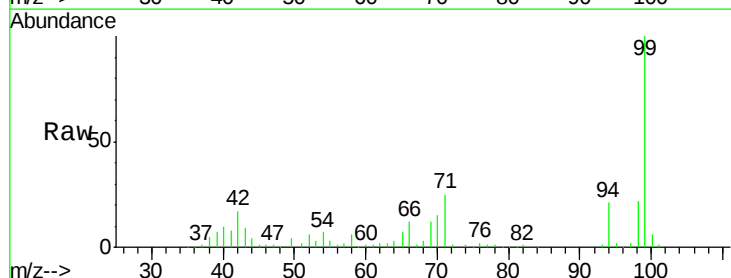
Delta R.T. -0.04 min

Lab File: BF096697.D

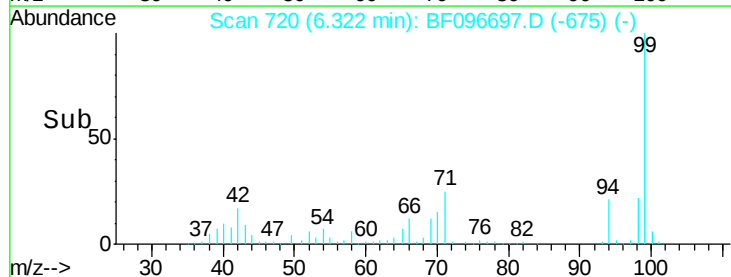
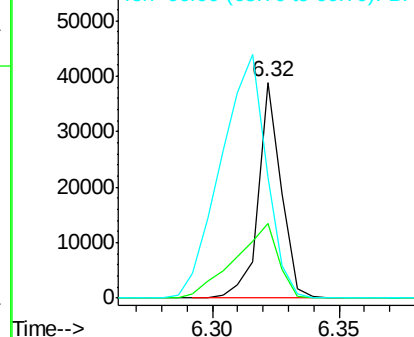
Acq: 12 Jul 2017 17:47

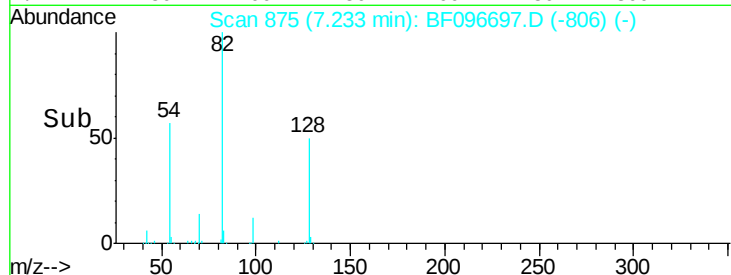
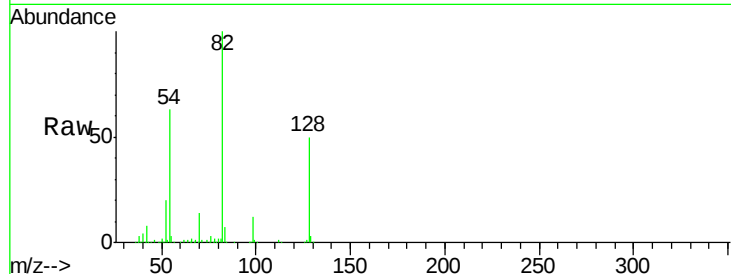
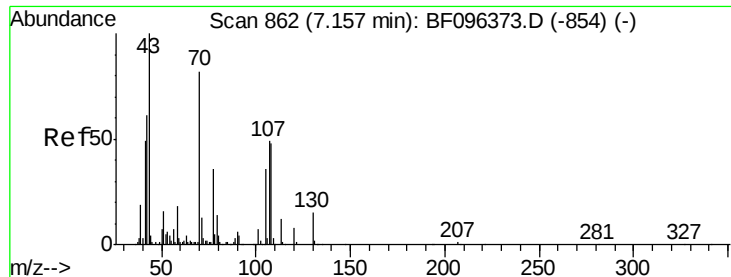
Tgt Ion: 94 Resp: 24259

Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.9	49.9
66	55.9	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

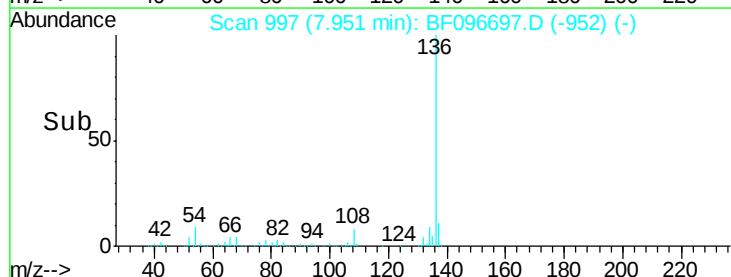
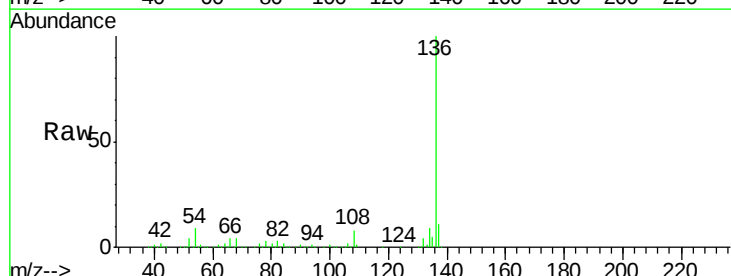
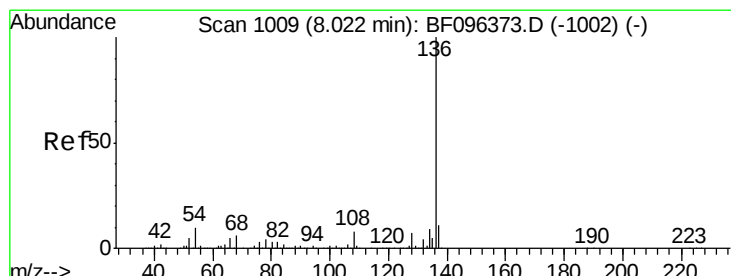
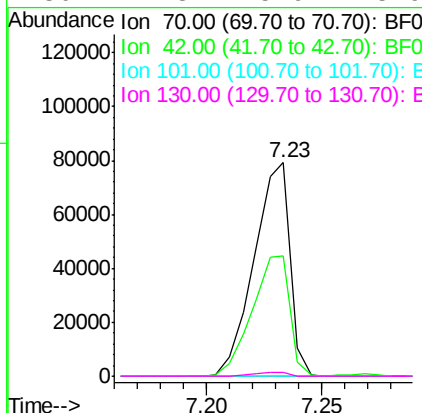




#19
n-Nitroso-di-n-propylamine
Concen: 14.66 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096697.D
Acq: 12 Jul 2017 17:47

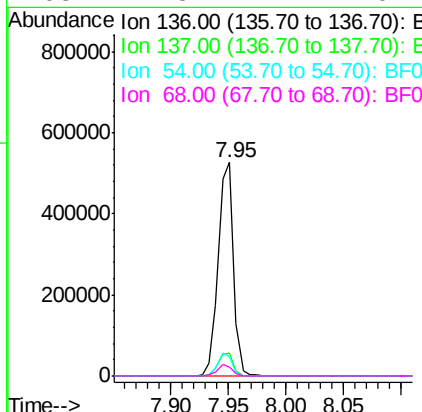
Instrument :
BNA_F
ClientSampleId :

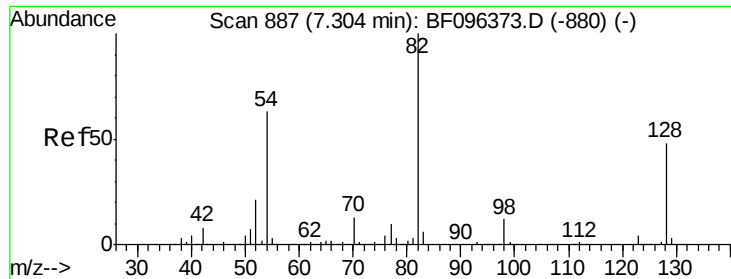
Tot Ion: 70 Resp: 86110
Ion Ratio Lower Upper
70 100
42 56.1 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096697.D
Acq: 12 Jul 2017 17:47

Tgt Ion:136 Resp: 485138
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 8.7 4.9 7.3#
68 4.3 4.1 6.1

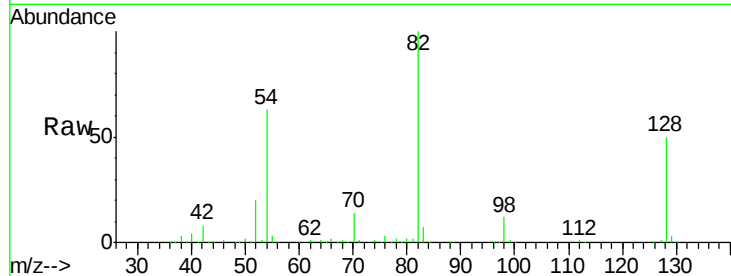




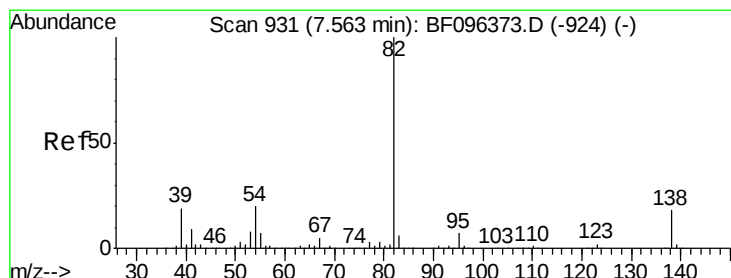
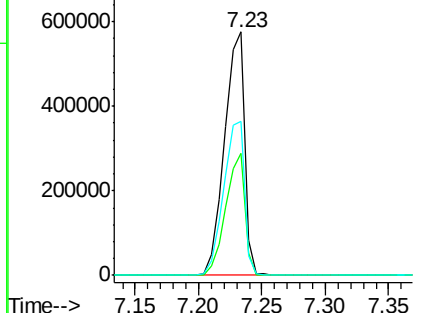
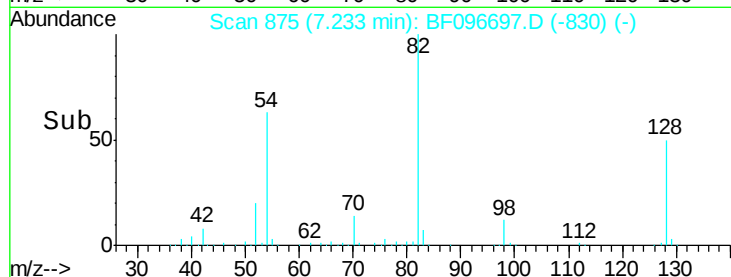
#23
 Nitrobenzene-d5
 Concen: 78.65 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	634961
Ion Ratio	Lower	Upper	
82	100		
128	49.9	34.0	51.0
54	63.3	42.2	63.2#

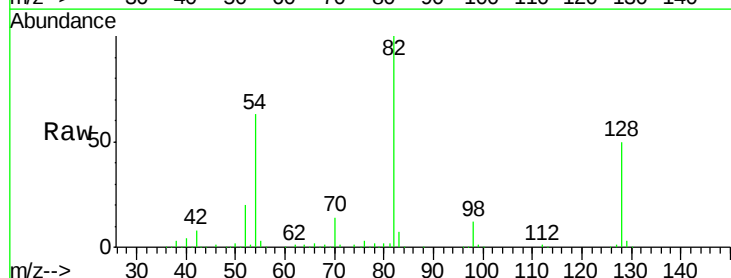


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

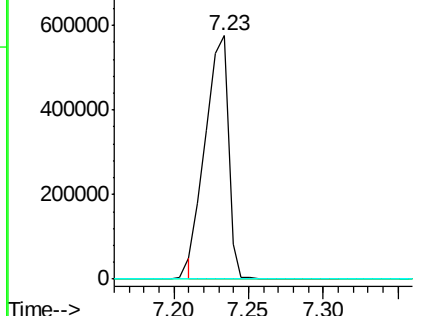
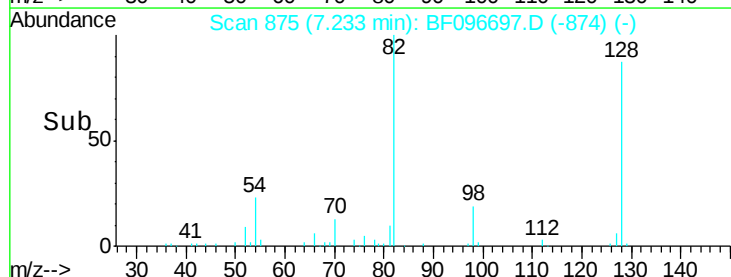


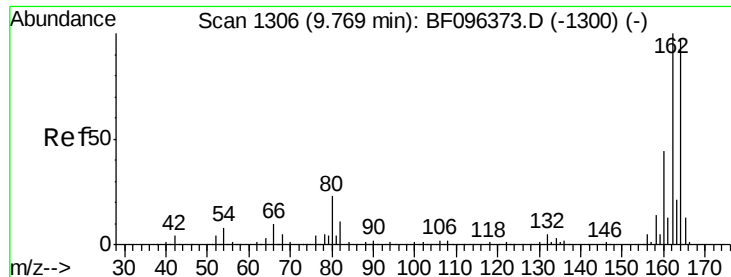
#25
 Isophorone
 Concen: 39.17 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.29 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Tgt Ion	82	Resp	613134
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: BF096697.D

Acq: 12 Jul 2017 17:47

Instrument :

BNA_F

ClientSampleId :

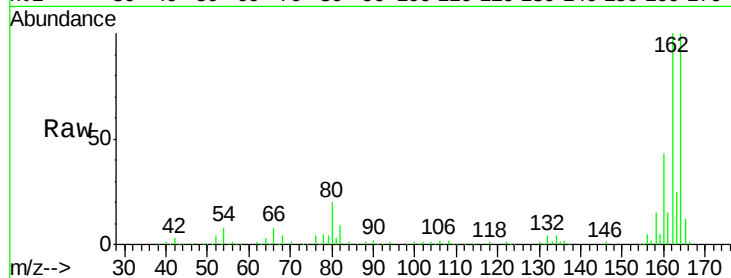
Tot Ion:164 Resp: 184677

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

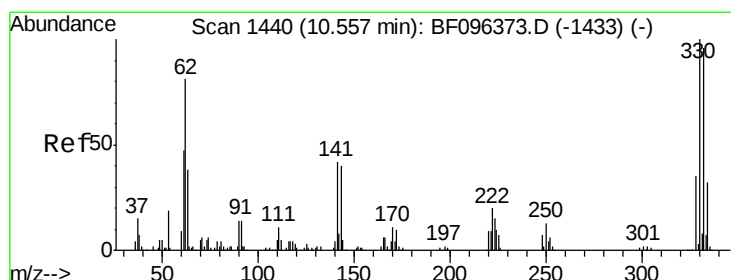
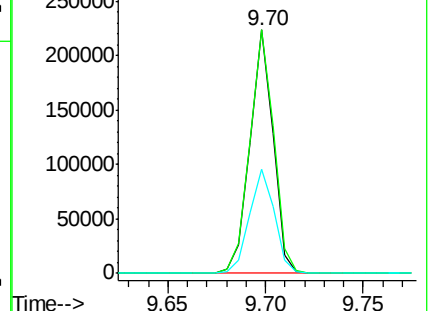
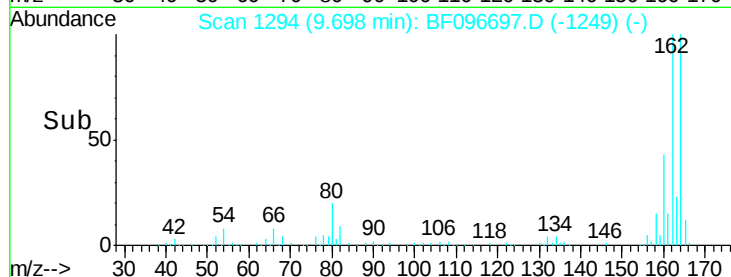
160 42.7 36.2 54.2



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: 121.98 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096697.D

Acq: 12 Jul 2017 17:47

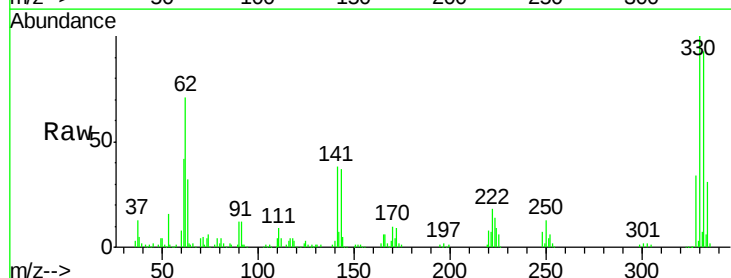
Tgt Ion:330 Resp: 175968

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

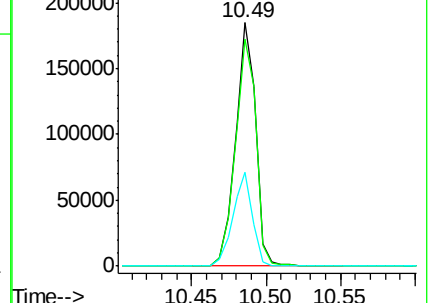
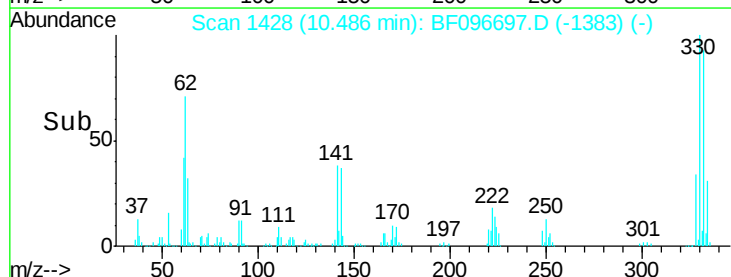
141 37.5 31.4 47.2

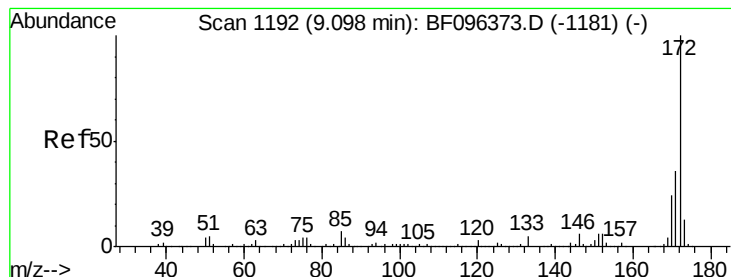


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

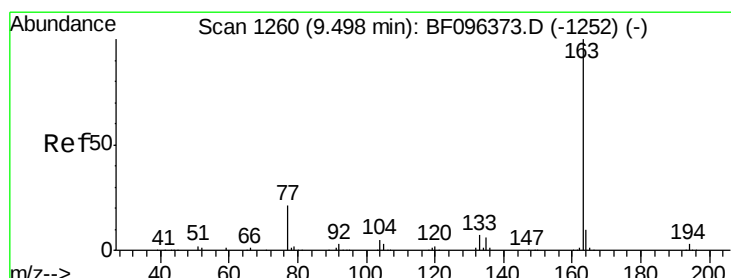
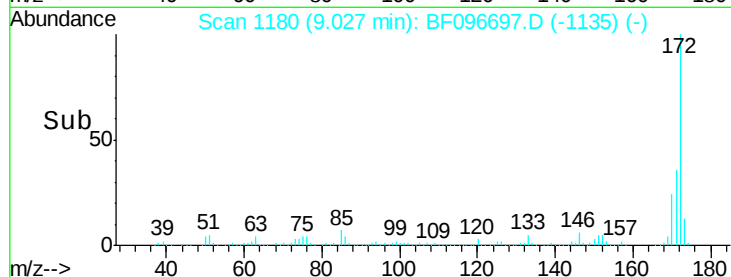
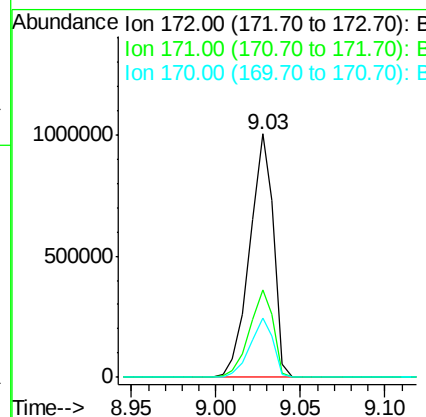
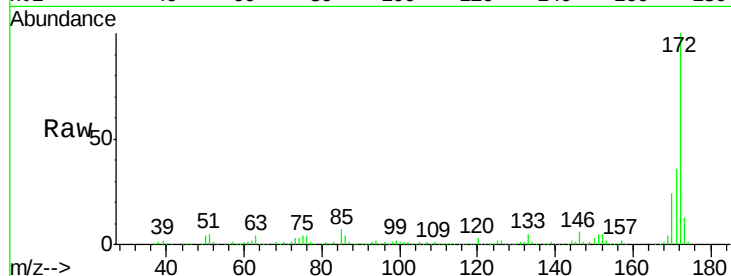




#44
2-Fluorobiphenyl
Concen: 91.45 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096697.D
Acq: 12 Jul 2017 17:47

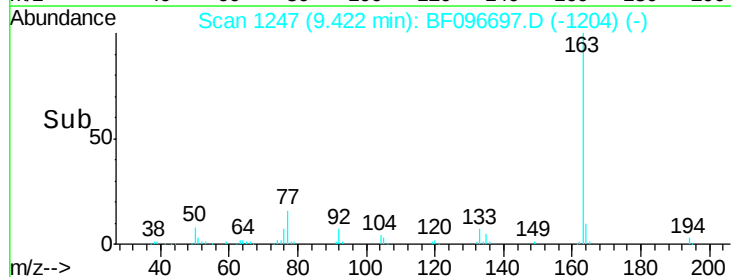
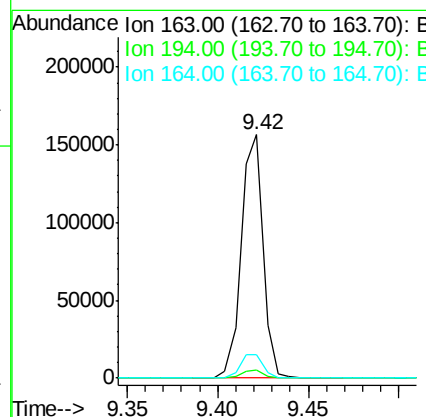
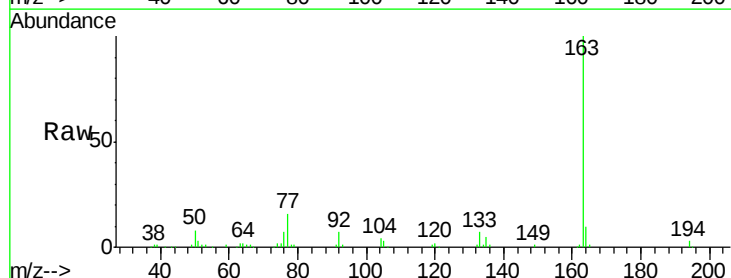
Instrument :
BNA_F
ClientSampled :

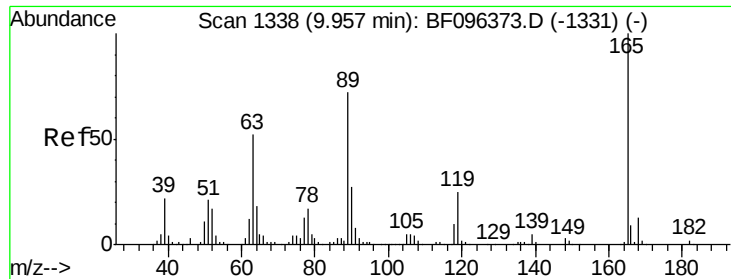
Tot Ion:172 Resp: 987792
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 9.49 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096697.D
Acq: 12 Jul 2017 17:47

Tgt Ion:163 Resp: 130772
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 8.4 12.6

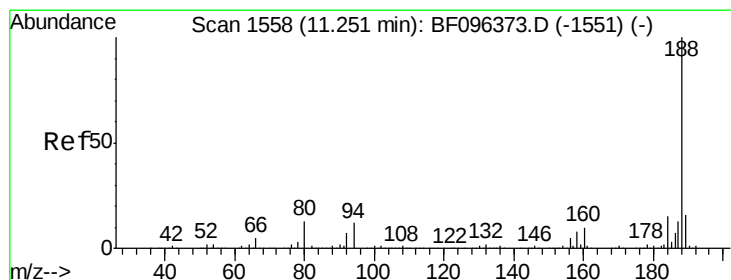
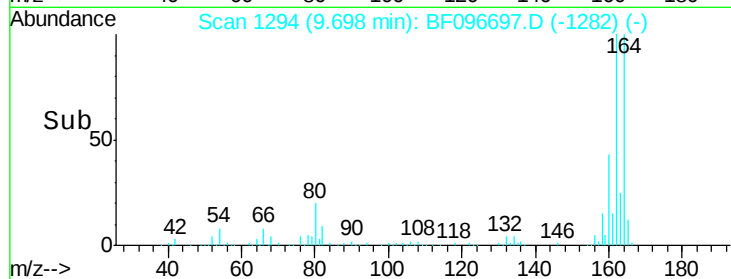
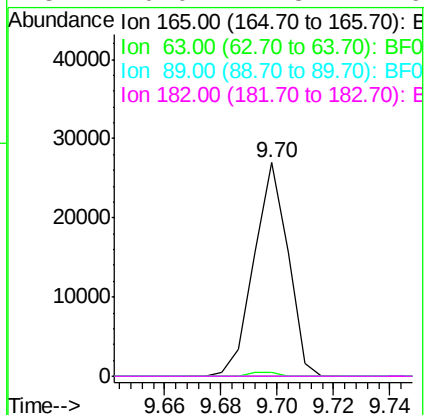
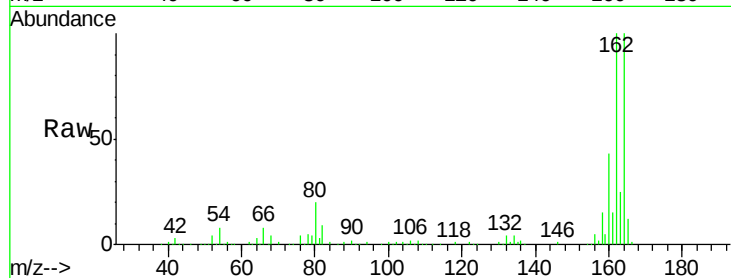




#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

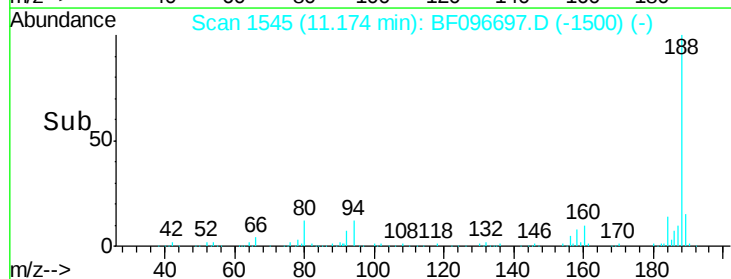
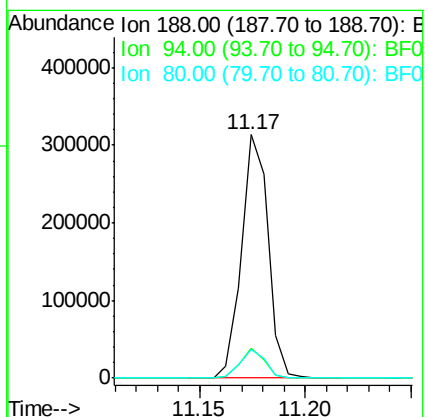
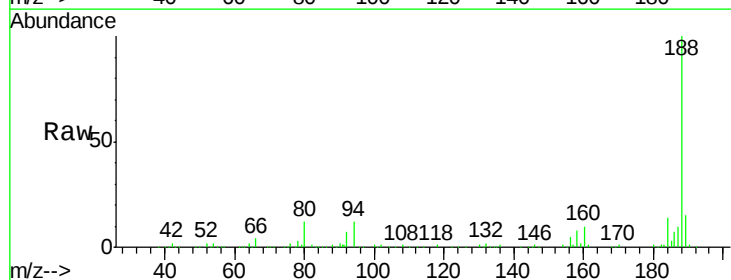
Instrument :
 BNA_F
 ClientSampleId :

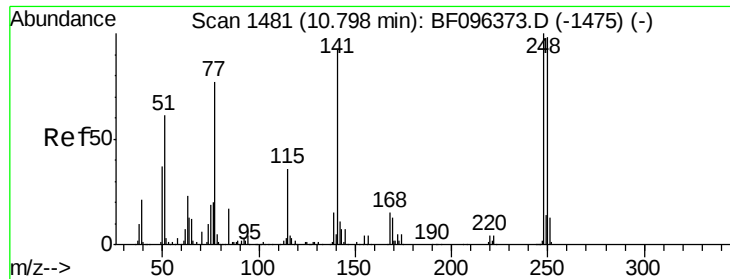
Tot Ion:165	Resp:	22536
Ion Ratio	Lower	Upper
165	100	
63	1.8	25.4 38.0#
89	0.0	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Tgt Ion:188	Resp:	272595
Ion Ratio	Lower	Upper
188	100	
94	12.0	9.4 14.2
80	11.7	10.2 15.2

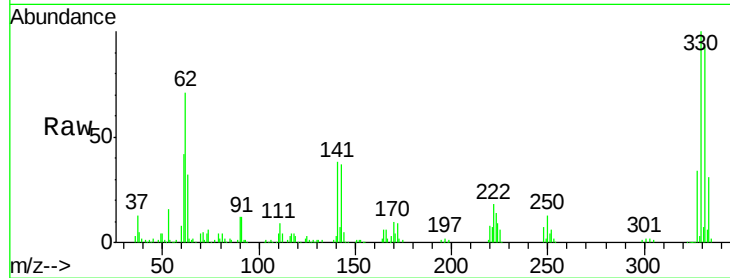




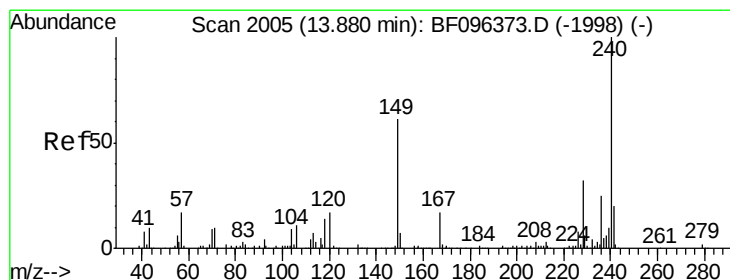
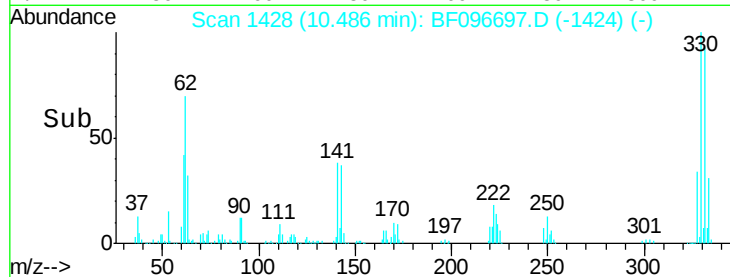
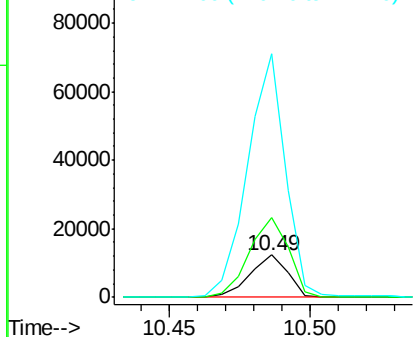
#66
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.28 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11565
 Ion Ratio Lower Upper
 248 100
 250 187.4 76.8 115.2#
 141 572.0 68.6 103.0#

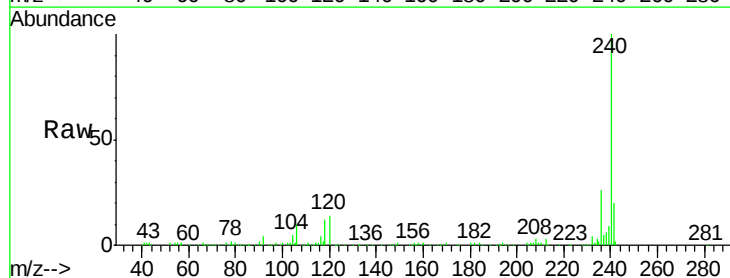


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

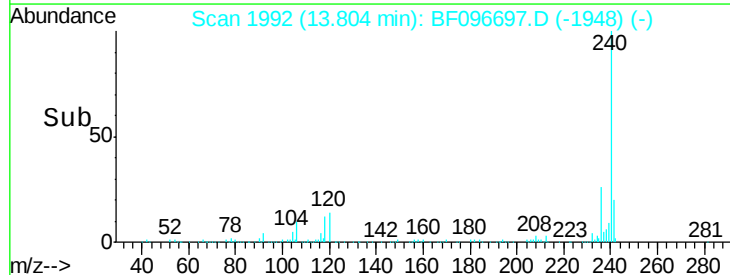
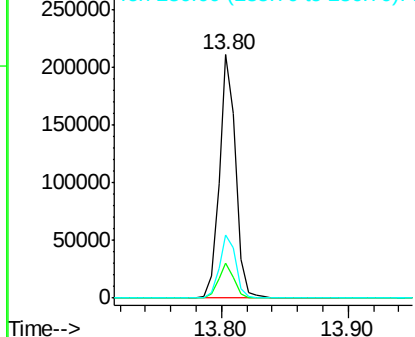


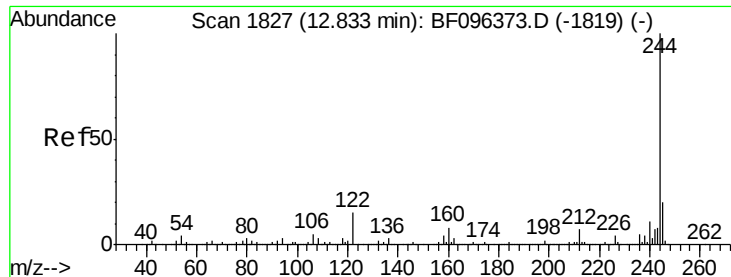
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.04 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Tgt Ion:240 Resp: 189843
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 26.0 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

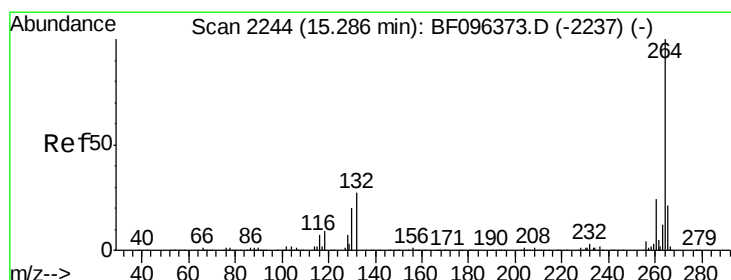
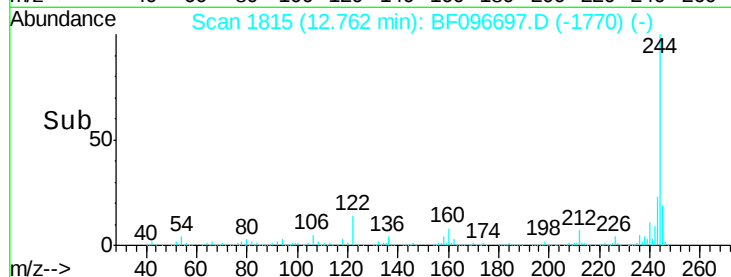
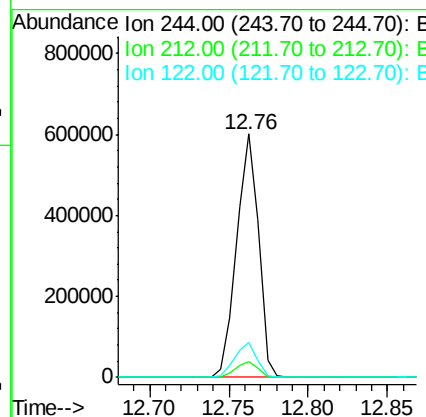
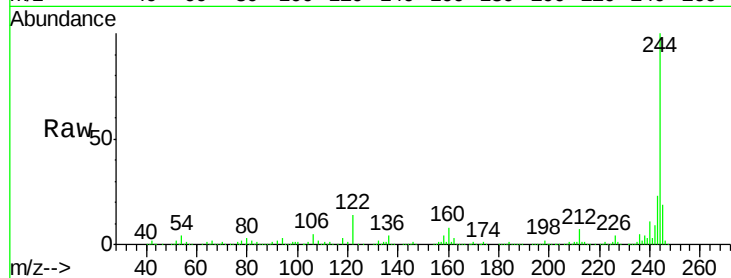




#78
 Terphenyl-d14
 Concen: 65.23 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.04 min
 Lab File: BF096697.D
 Acq: 12 Jul 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 579506
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.4 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: BF096697.D
 Acq: 12 Jul 2017 17:47

Tgt Ion:264 Resp: 166421
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.9 17.2 25.8

