

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096481.D
 Acq On : 5 Jul 2017 13:58
 Operator : SJ/MA
 Sample : I4025-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 16:40:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

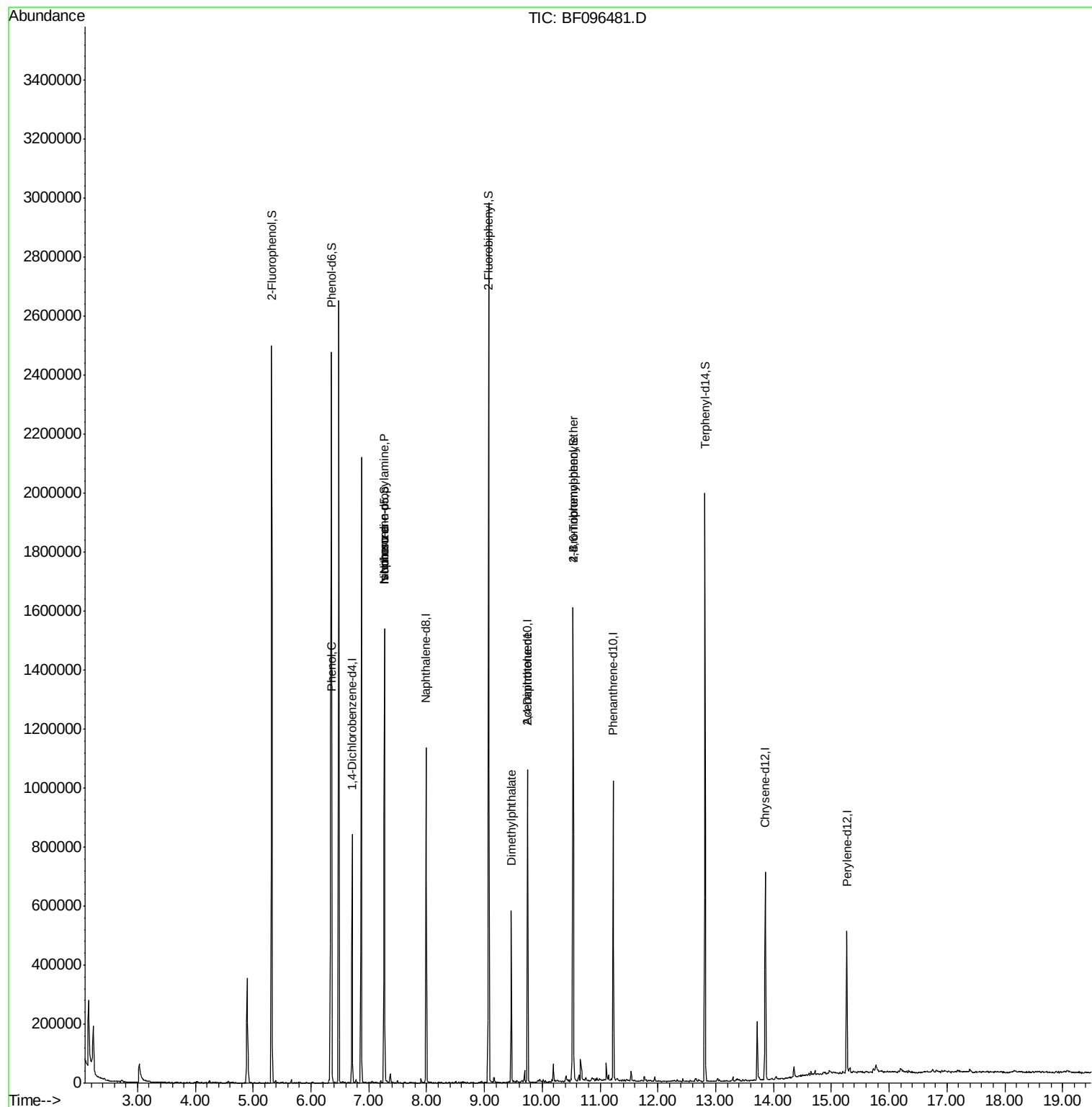
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113965	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	474739	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	209680	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	335003	20.00	ng	0.00
75) Chrysene-d12	13.86	240	230261	20.00	ng	-0.01
86) Perylene-d12	15.27	264	199711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	706050	91.44	ng	0.00
7) Phenol-d6	6.35	99	885847	93.32	ng	0.00
23) Nitrobenzene-d5	7.27	82	513406	64.99	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	173450	105.90	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	921294	75.12	ng	0.00
78) Terphenyl-d14	12.82	244	587975	54.56	ng	0.00
Target Compounds						
10) Phenol	6.36	94	42400	3.92	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.27	70	67435	11.92	ng	# 88
25) Isophorone	7.27	82	512904	33.48	ng	# 67
49) Dimethylphthalate	9.46	163	232736	14.87	ng	99
56) 2,4-Dinitrotoluene	9.75	165	26683	6.09	ng	# 33
66) 4-Bromophenyl-phenylether	10.53	248	10816	3.32	ng	# 1

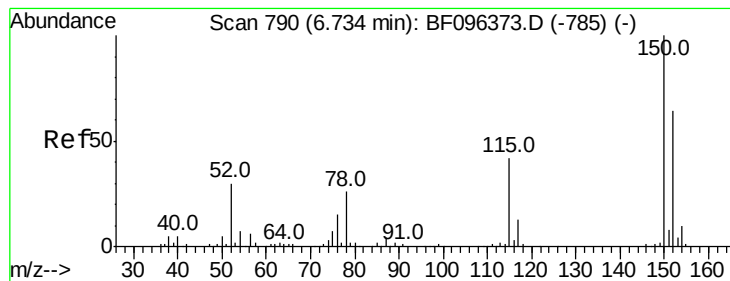
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

Instrument :

BNA_F

ClientSampled :

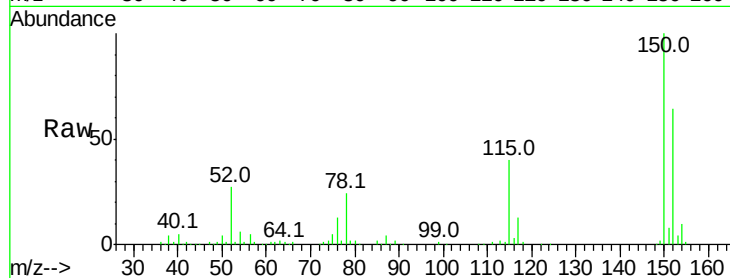
Tot Ion:152 Resp: 113965

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

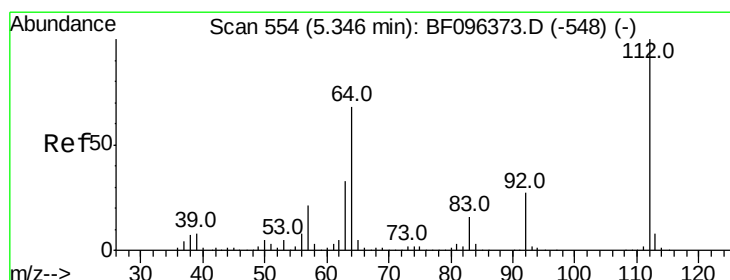
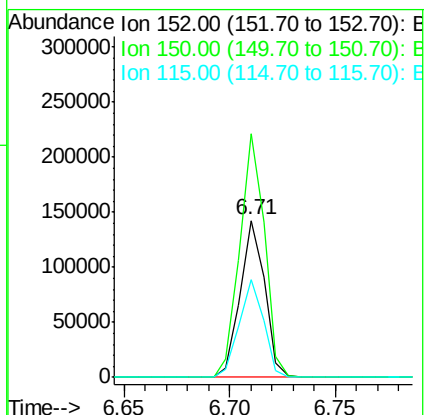
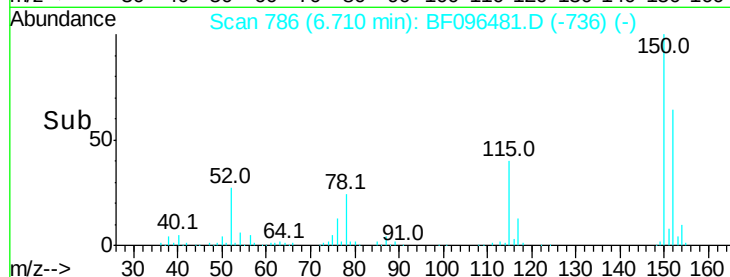
115 62.6 52.2 78.2



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



#5

2-Fluorophenol

Concen: 91.44 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

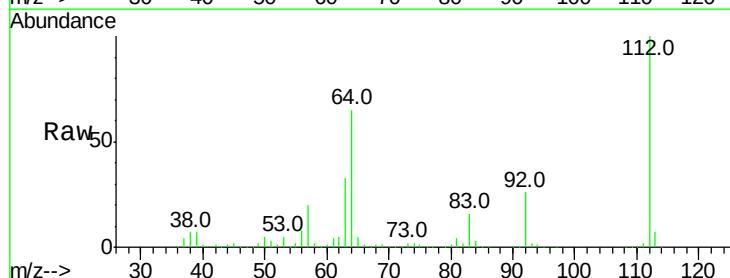
Tgt Ion:112 Resp: 706050

Ion Ratio Lower Upper

112 100

64 65.1 46.0 69.0

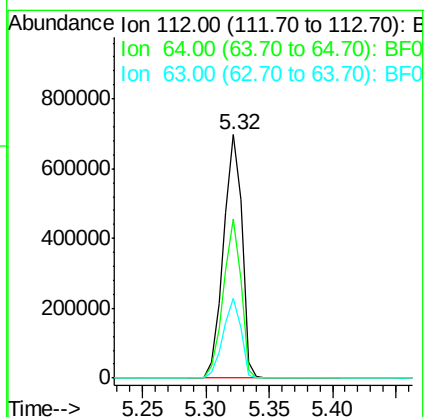
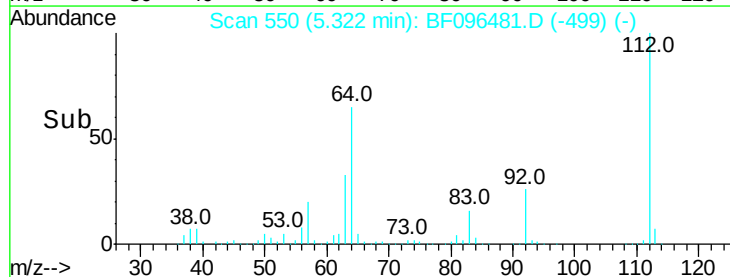
63 32.8 23.4 35.0

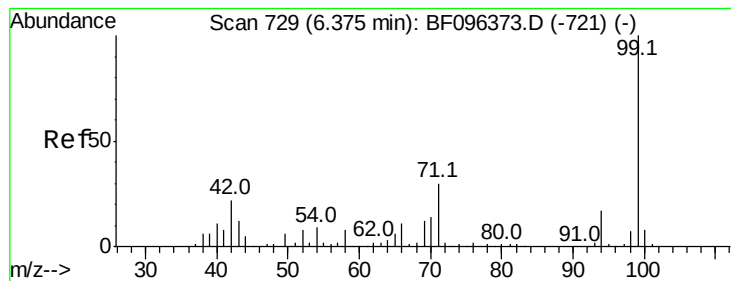


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.32 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

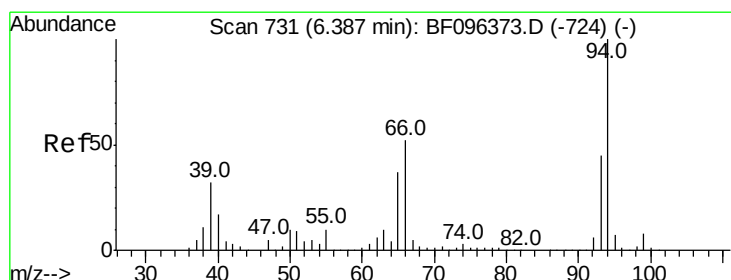
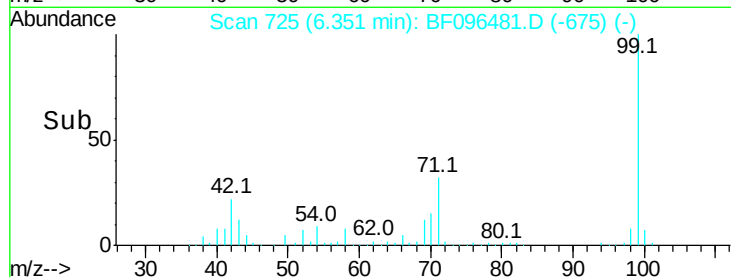
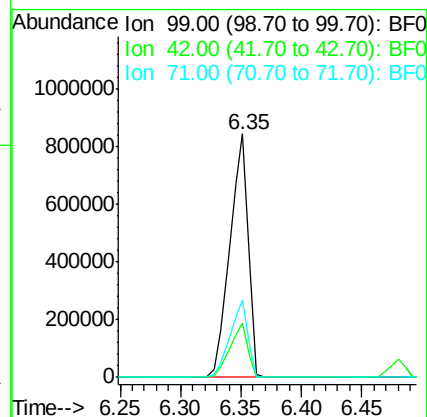
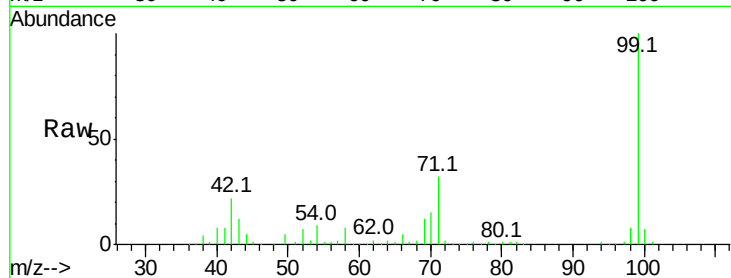
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 885847

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	31.6	24.5	36.7



#10

Phenol

Concen: 3.92 ng

RT: 6.36 min Scan# 727

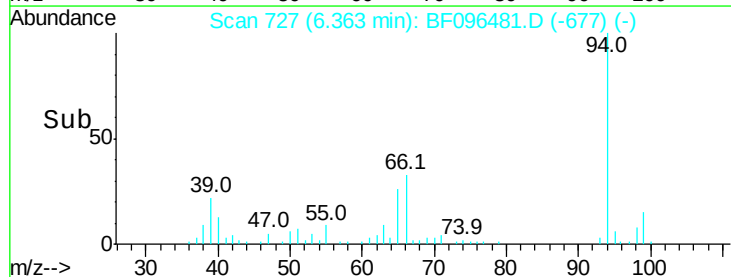
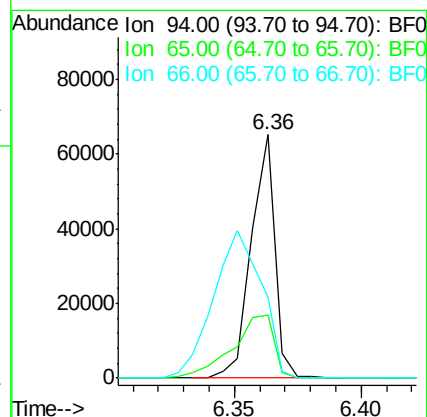
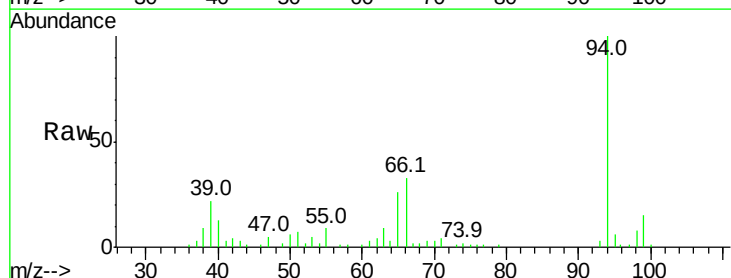
Delta R.T. -0.01 min

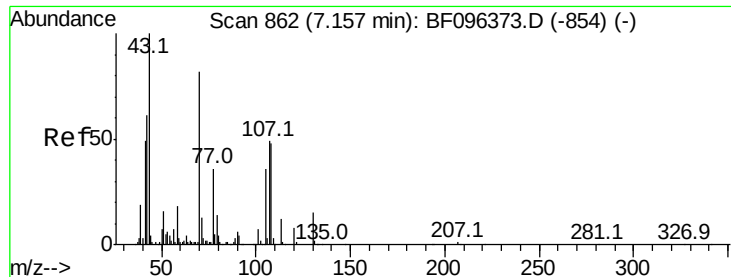
Lab File: BF096481.D

Acq: 5 Jul 2017 13:58

Tgt Ion: 94 Resp: 42400

Ion	Ratio	Lower	Upper
94	100		
65	25.9	9.9	49.9
66	33.4	23.1	63.1

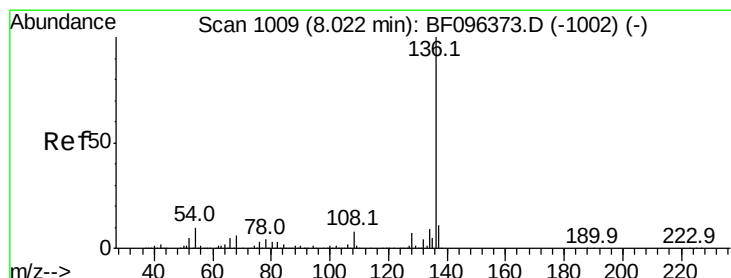
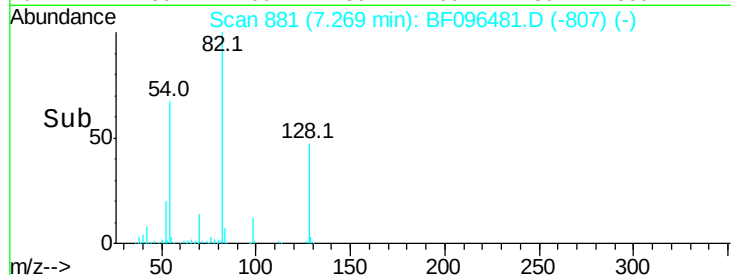
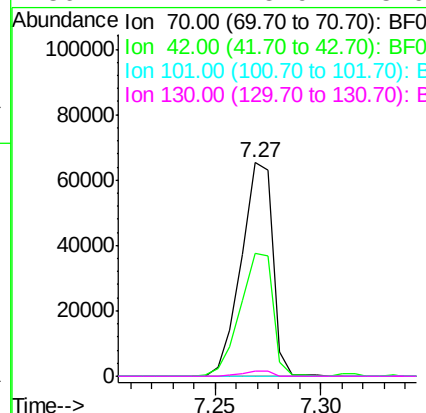
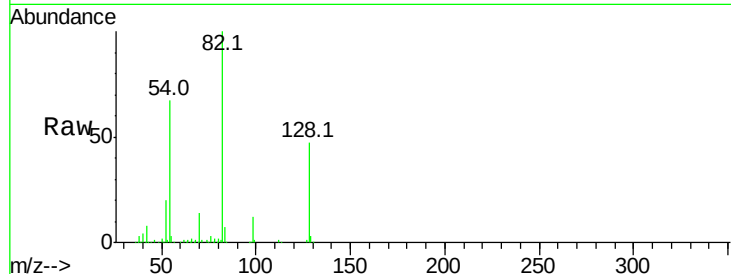




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.92 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.14 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

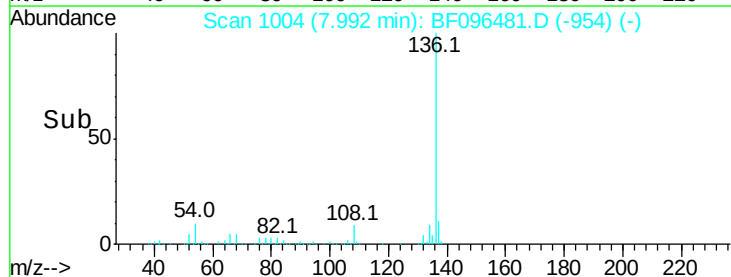
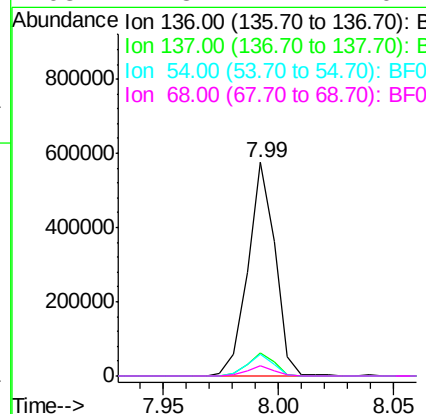
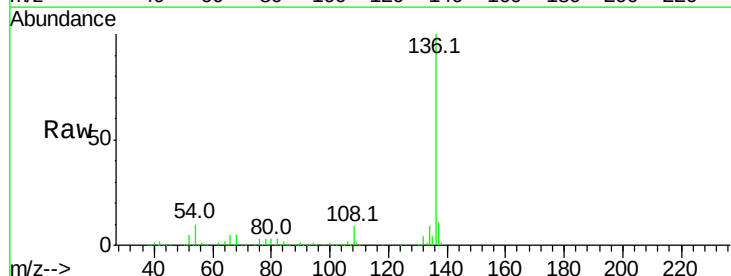
Instrument :
 BNA_F
 ClientSampleId :

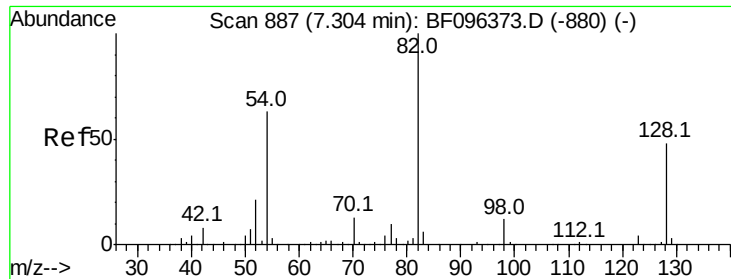
Tot Ion: 70 Resp: 67435
 Ion Ratio Lower Upper
 70 100
 42 57.8 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.2 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

Tgt Ion:136 Resp: 474739
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.5 12.7
 54 10.0 4.9 7.3#
 68 4.8 4.1 6.1

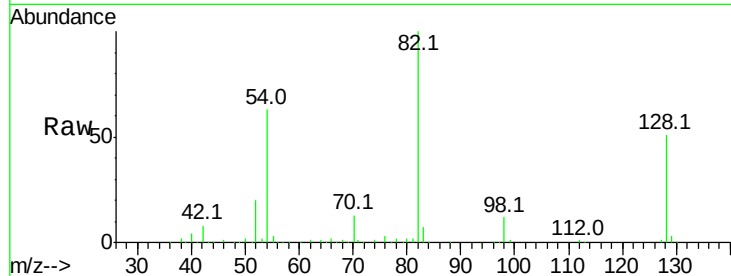




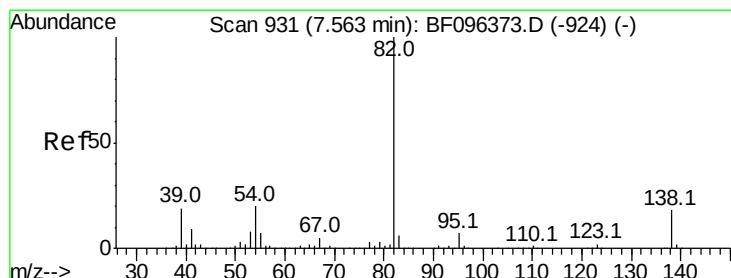
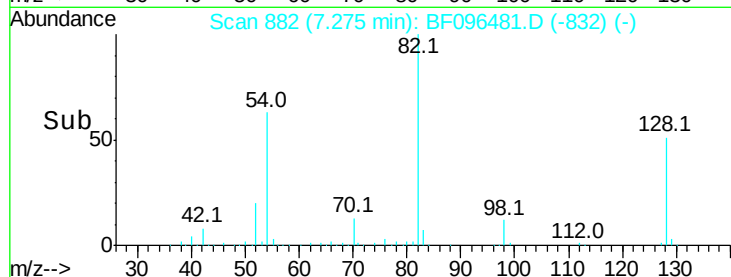
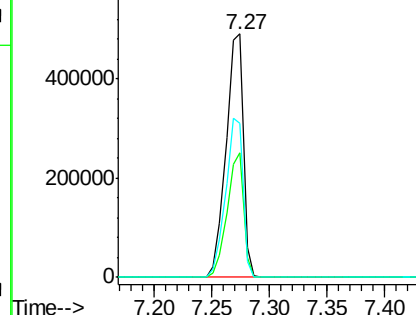
#23
 Nitrobenzene-d5
 Concen: 64.99 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 513406
 Ion Ratio Lower Upper
 82 100
 128 51.3 34.0 51.0#
 54 63.2 42.2 63.2

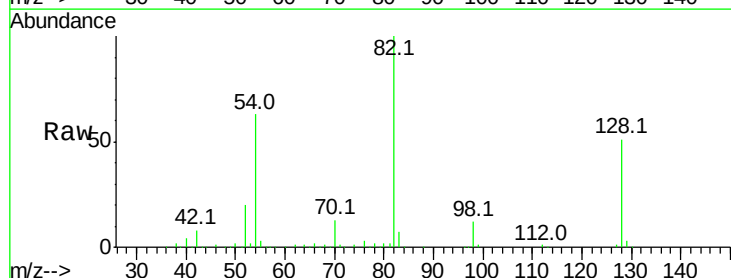


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

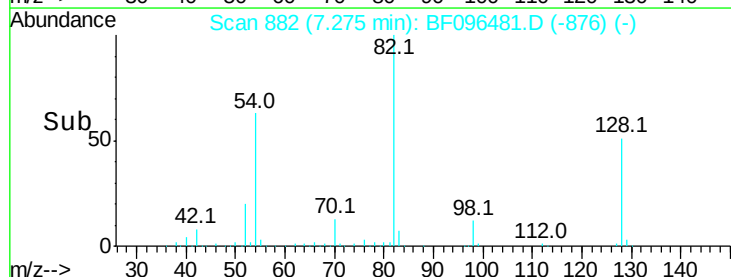
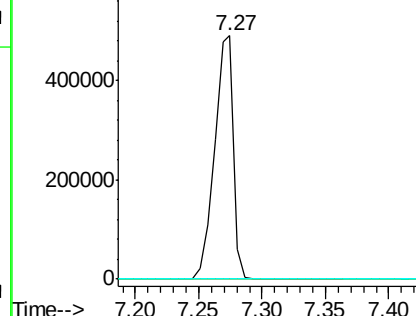


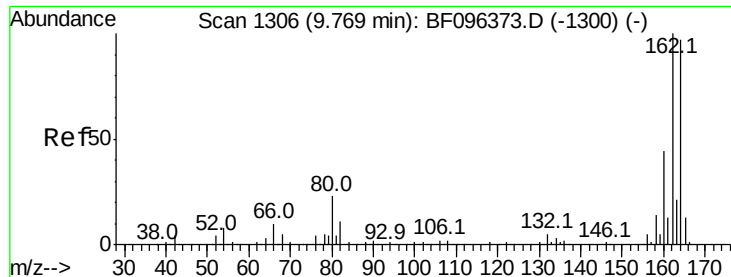
#25
 Isophorone
 Concen: 33.48 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

Tgt Ion: 82 Resp: 512904
 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

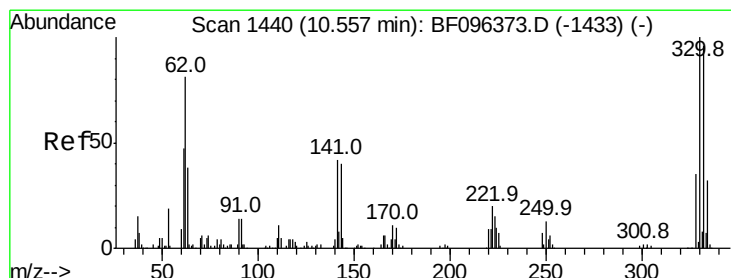
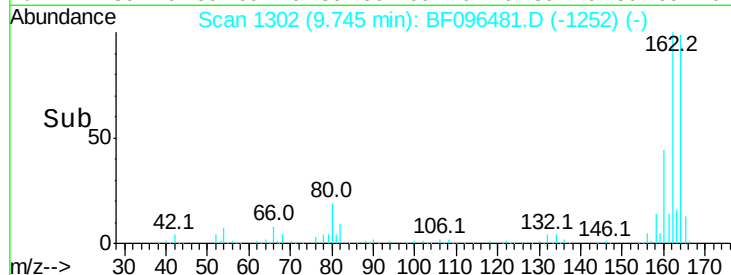
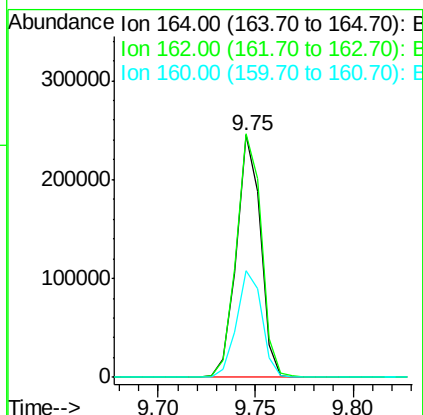
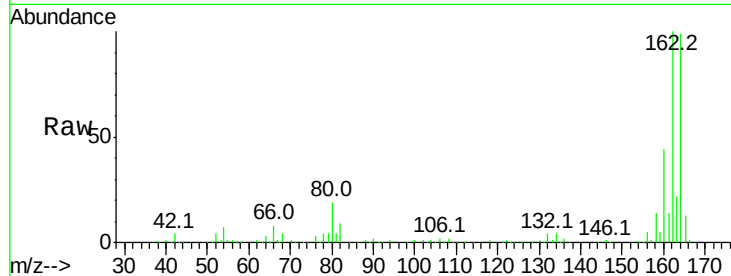




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

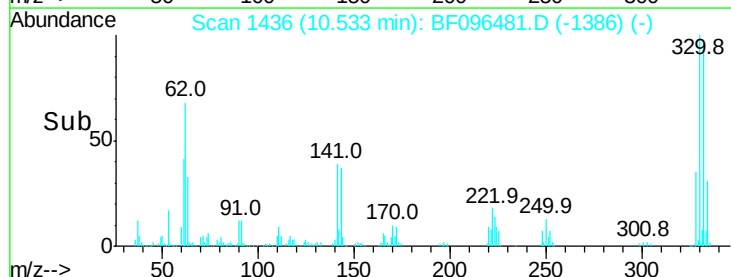
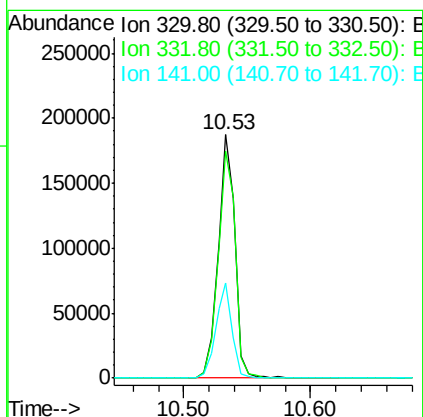
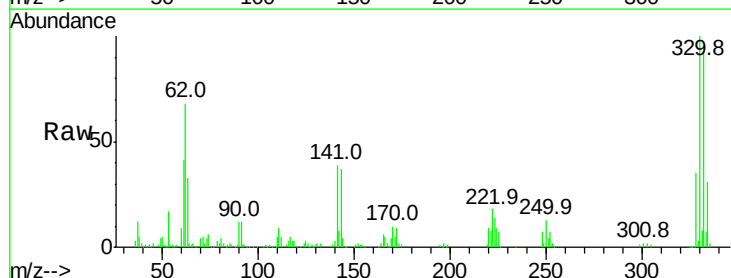
Instrument :
 BNA_F
 ClientSampleId :

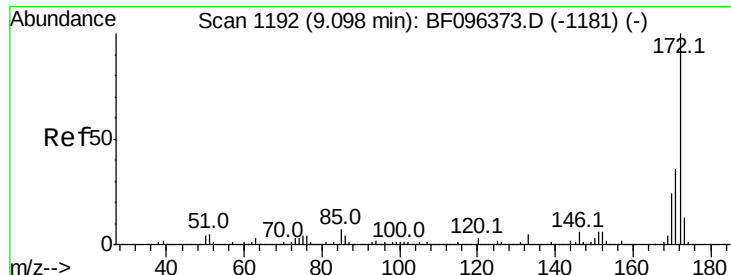
Tot Ion:164 Resp: 209680
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 123.8
 160 44.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

Tgt Ion:330 Resp: 173450
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 37.9 31.4 47.2

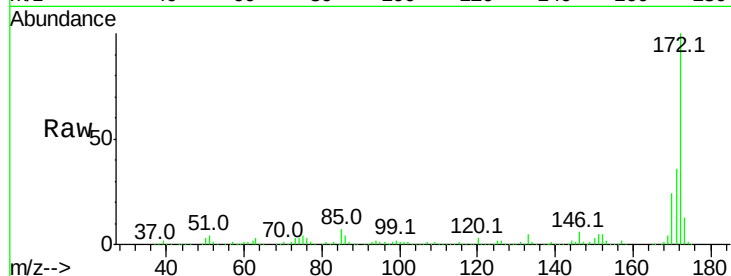




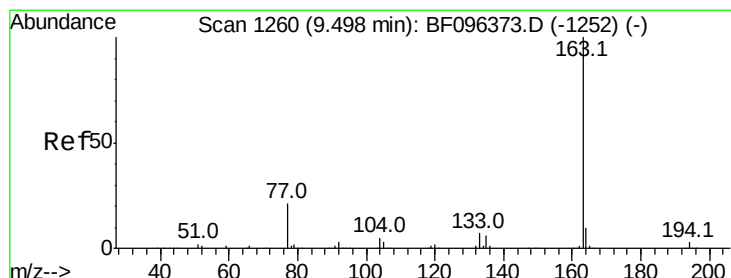
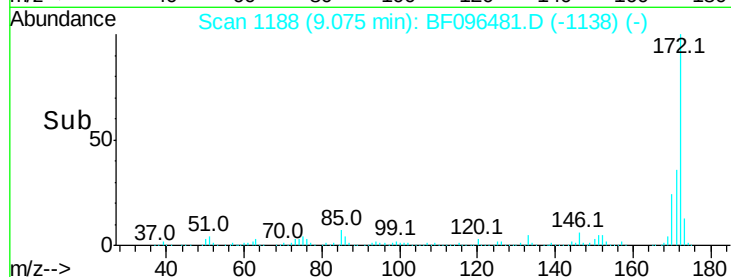
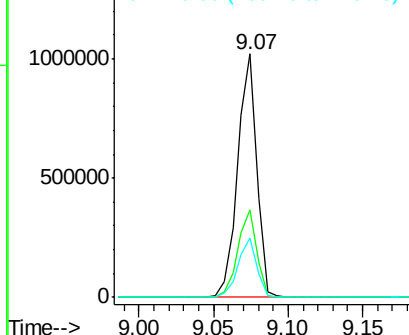
#44
2-Fluorobiphenyl
Concen: 75.12 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096481.D
Acq: 5 Jul 2017 13:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 921294
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.3 19.8 29.8

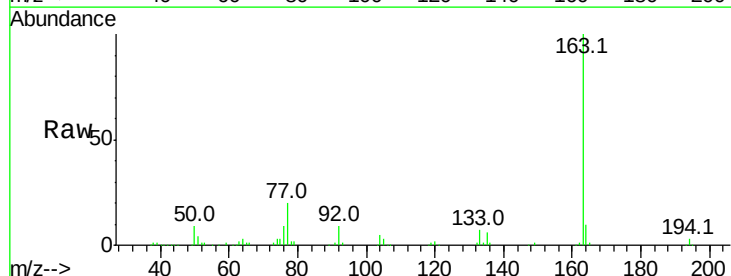


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

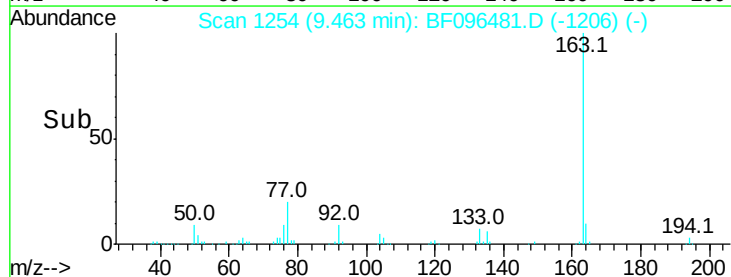
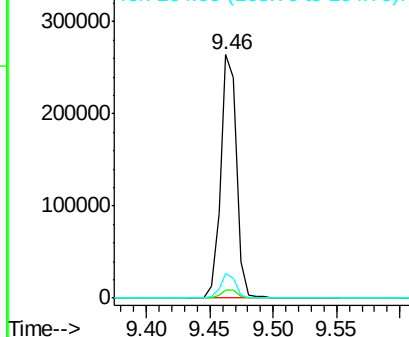


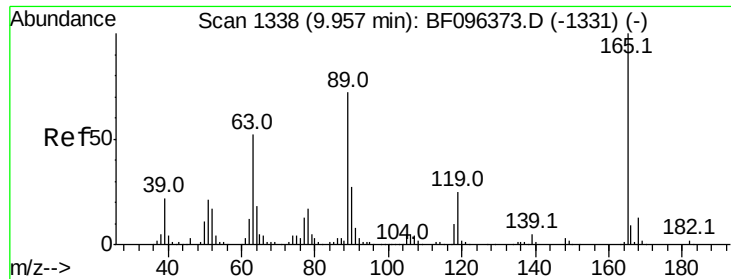
#49
Dimethylphthalate
Concen: 14.87 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096481.D
Acq: 5 Jul 2017 13:58

Tgt Ion:163 Resp: 232736
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 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

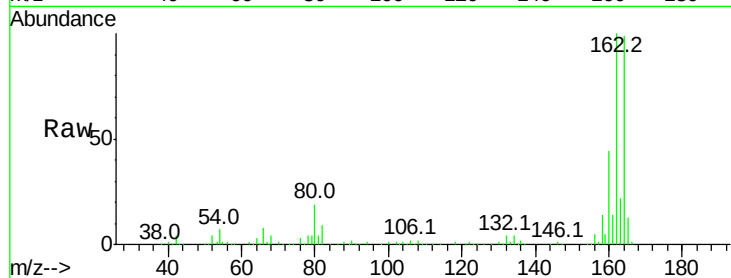




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#

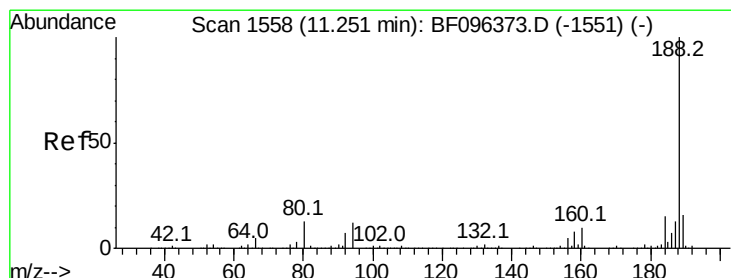
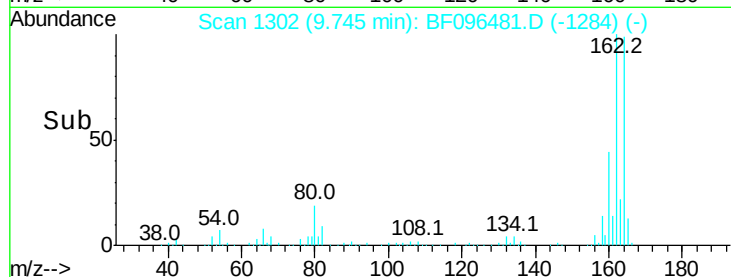
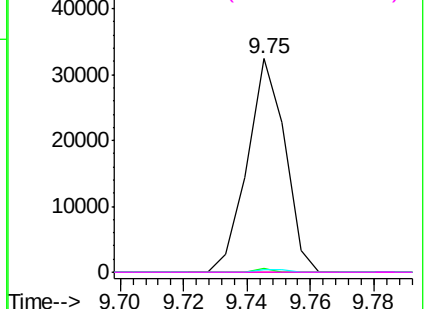


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

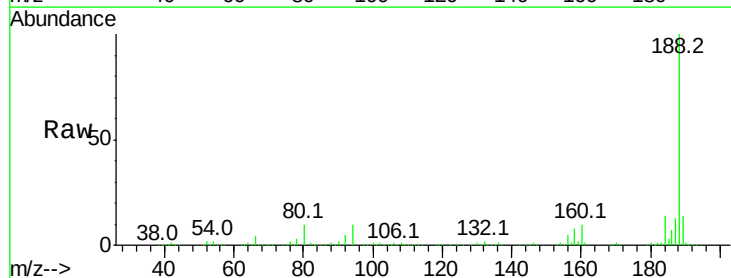
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

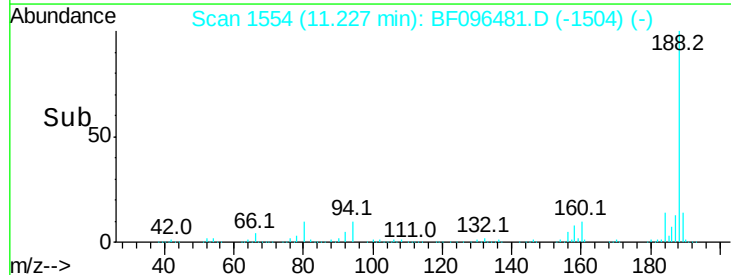
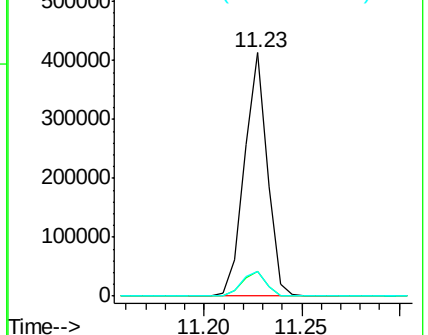
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.0	10.2	15.2#

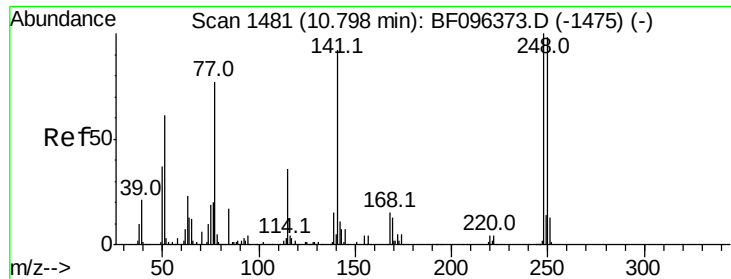


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

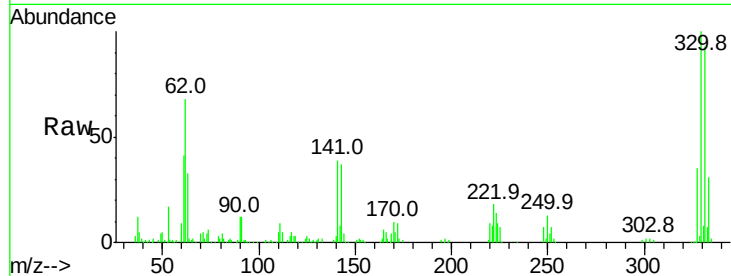




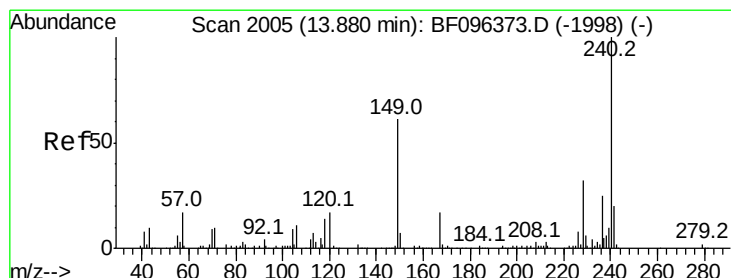
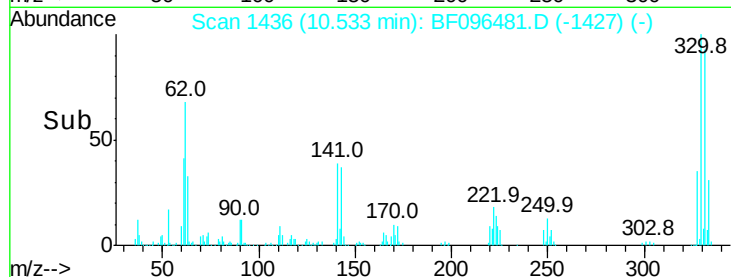
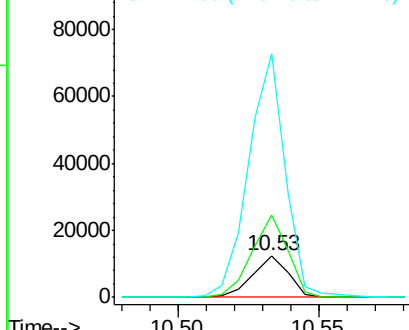
#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096481.D
Acq: 5 Jul 2017 13:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10816
Ion Ratio Lower Upper
248 100
250 196.8 76.8 115.2#
141 583.4 68.6 103.0#

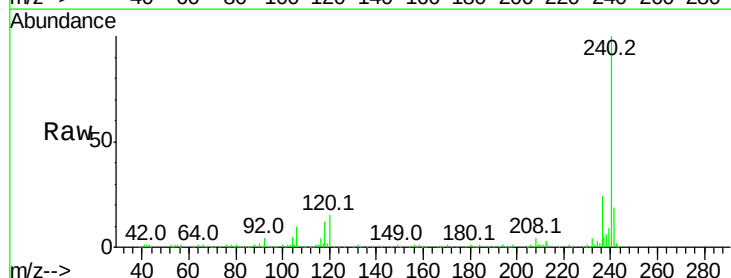


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

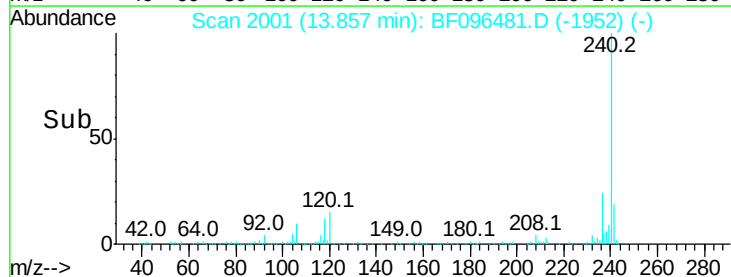
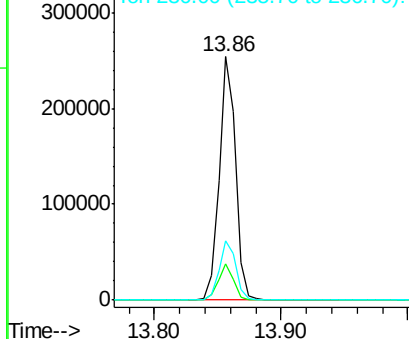


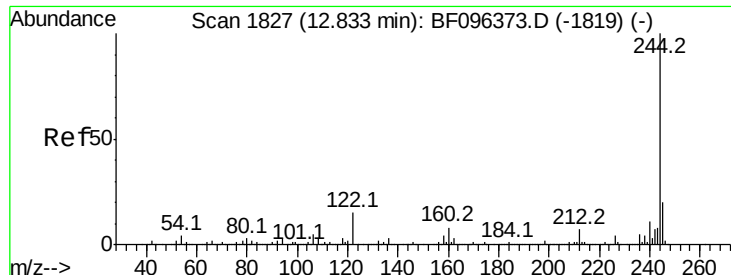
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096481.D
Acq: 5 Jul 2017 13:58

Tgt Ion:240 Resp: 230261
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.3 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

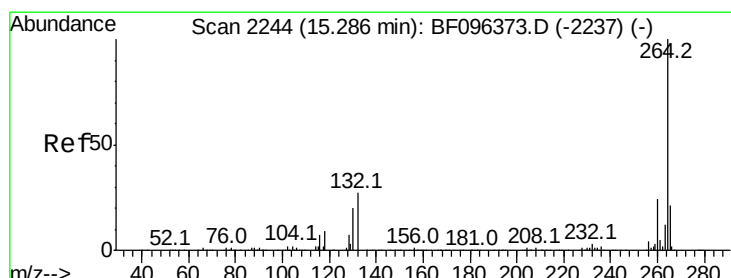
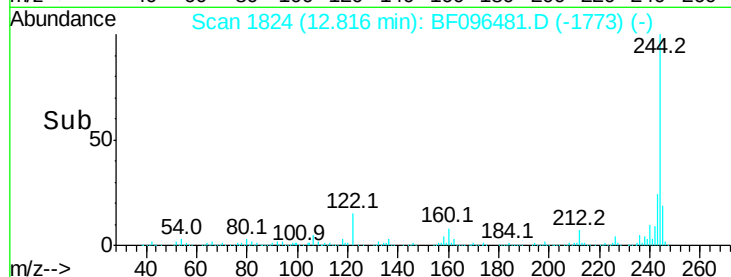
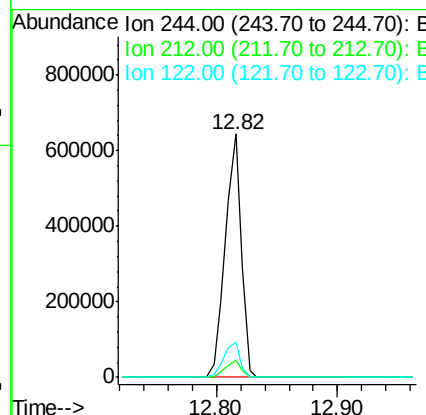
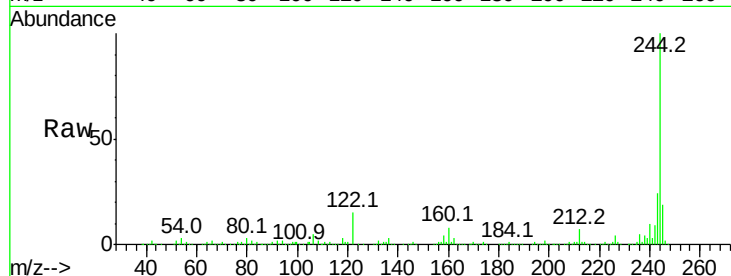




#78
 Terphenyl-d14
 Concen: 54.56 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 587975
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096481.D
 Acq: 5 Jul 2017 13:58

Tgt Ion:264 Resp: 199711
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.9 17.2 25.8

