

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097396.D
 Acq On : 5 Aug 2017 14:45
 Operator : SJ/JU
 Sample : I4608-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:06:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

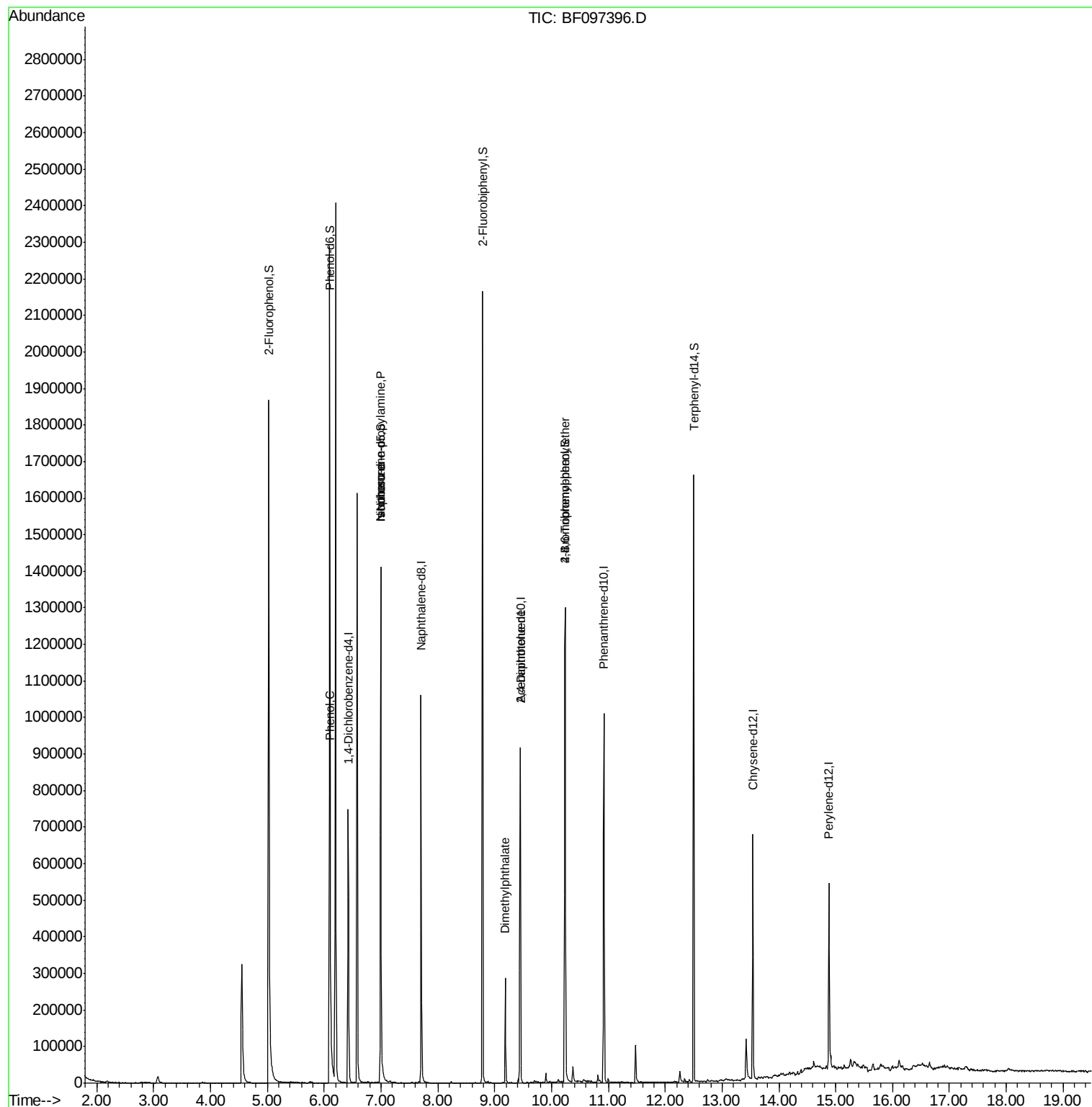
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	110149	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	477252	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	190494	20.00	ng	-0.09
63) Phenanthrene-d10	10.92	188	332095	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	221666	20.00	ng	-0.09
86) Perylene-d12	14.88	264	194295	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	634405	86.82	ng	-0.08
7) Phenol-d6	6.10	99	803050	96.27	ng	-0.07
23) Nitrobenzene-d5	7.00	82	487596	59.94	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	146411	97.28	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	714802	63.68	ng	-0.08
78) Terphenyl-d14	12.50	244	531711	48.91	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	20450	2.07	ng	# 75
19) n-Nitroso-di-n-propylamine	6.99	70	64807	11.80	ng	# 83
25) Isophorone	7.00	82	487590	30.60	ng	# 67
49) Dimethylphthalate	9.19	163	118002	8.16	ng	# 98
56) 2,4-Dinitrotoluene	9.45	165	23933	6.79	ng	# 32
66) 4-Bromophenyl-phenylether	10.24	248	9646	2.91	ng	# 1

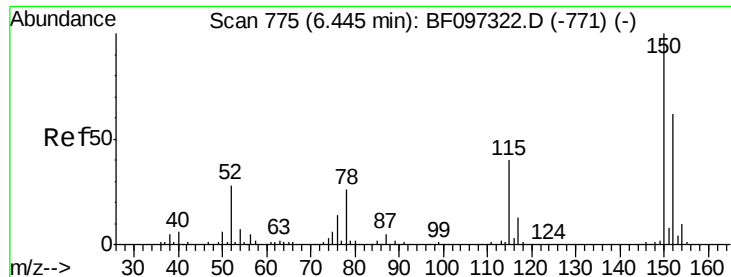
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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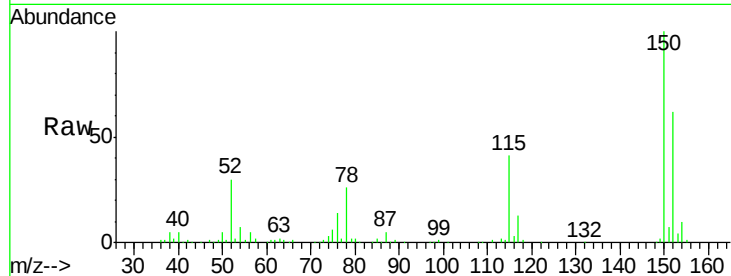


#1

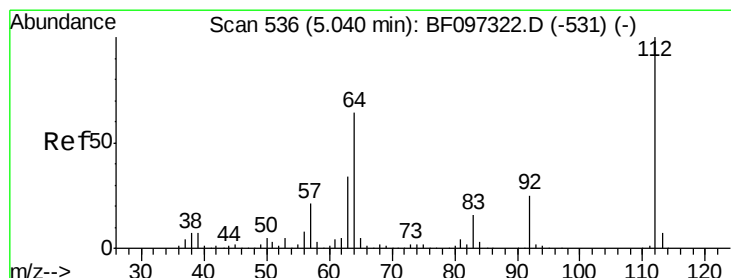
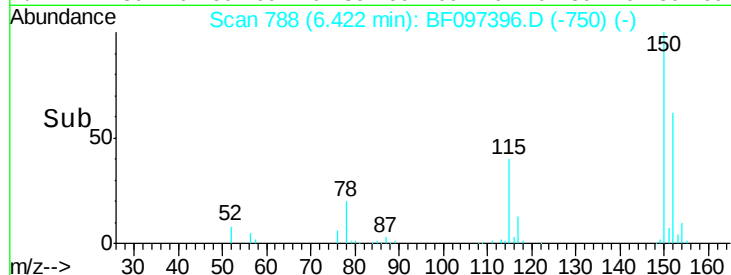
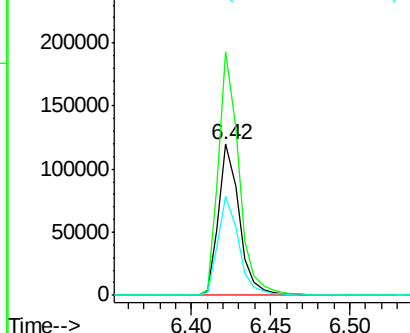
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110149
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 65.5 52.2 78.2



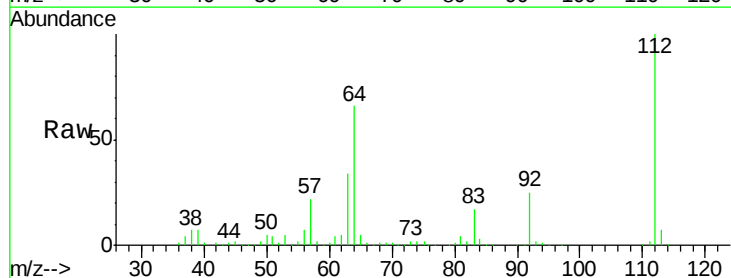
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



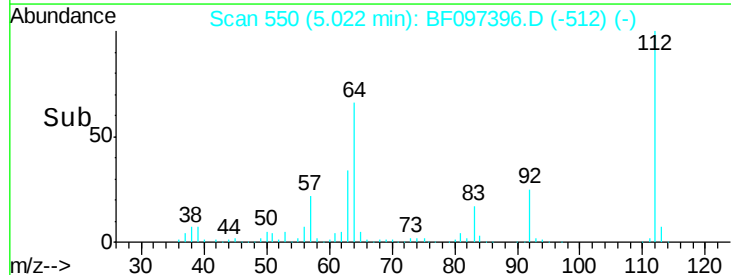
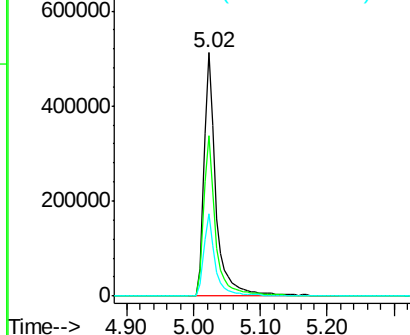
#5

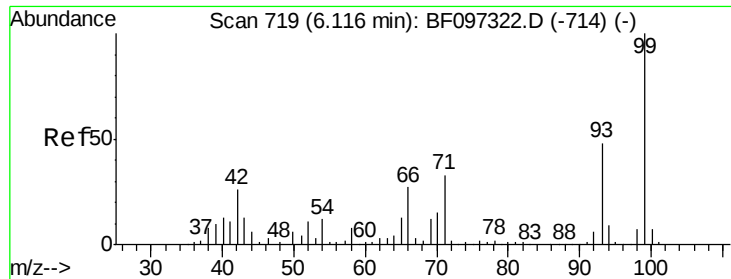
2-Fluorophenol
Concen: 86.82 ng
RT: 5.02 min Scan# 550
Delta R.T. -0.08 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

Tgt Ion:112 Resp: 634405
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 33.9 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: 96.27 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097396.D

Acq: 5 Aug 2017 14:45

Instrument :

BNA_F

ClientSampled :

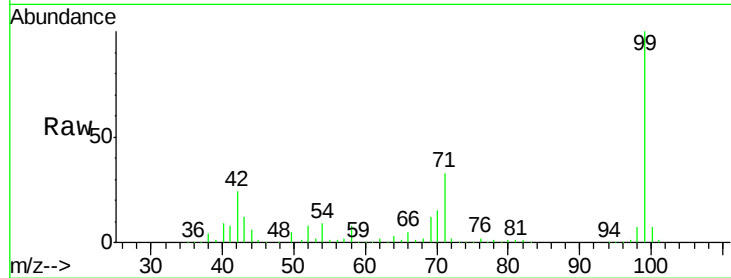
Tot Ion: 99 Resp: 803050

Ion Ratio Lower Upper

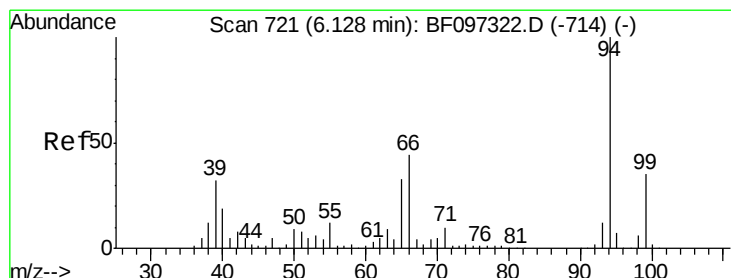
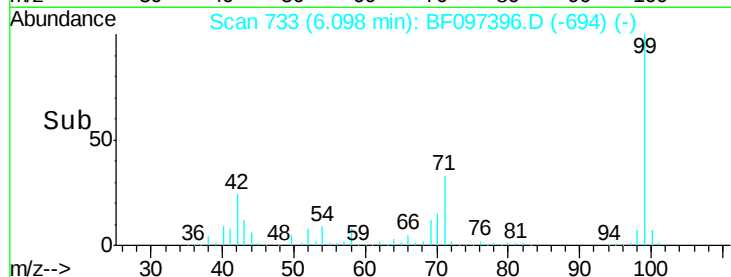
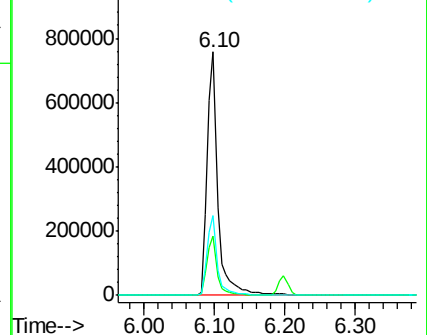
99 100

42 24.2 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: 2.07 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097396.D

Acq: 5 Aug 2017 14:45

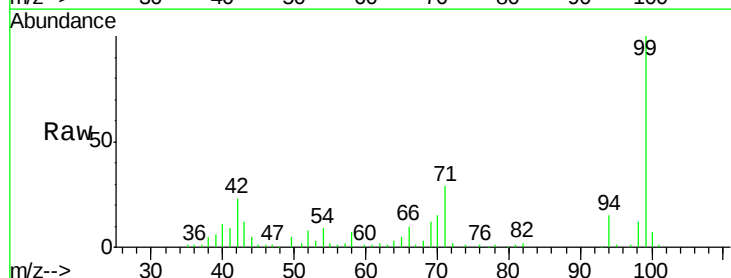
Tgt Ion: 94 Resp: 20450

Ion Ratio Lower Upper

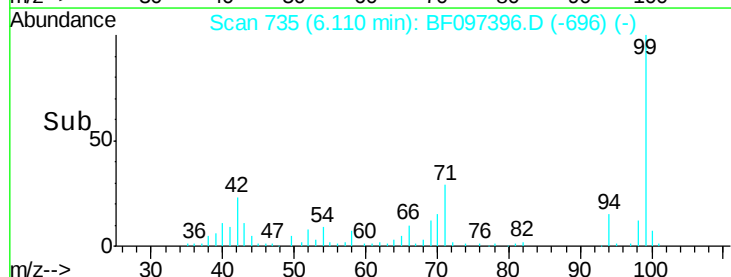
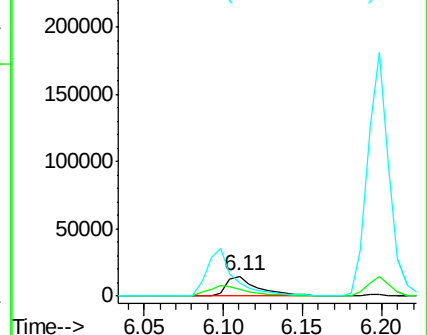
94 100

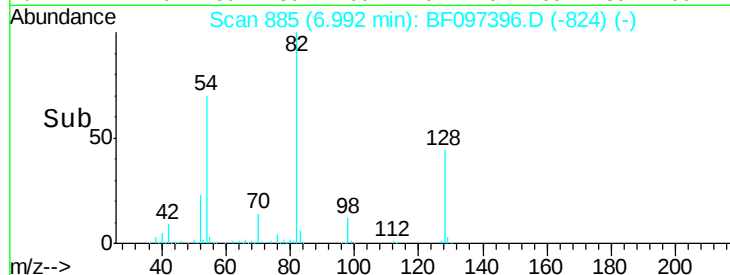
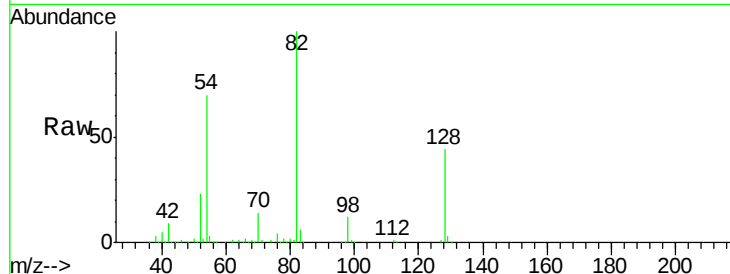
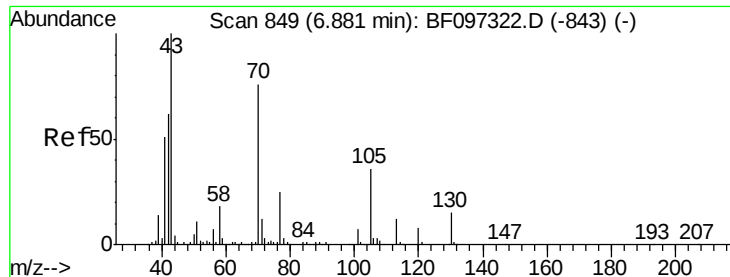
65 35.5 9.9 49.9

66 65.1 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

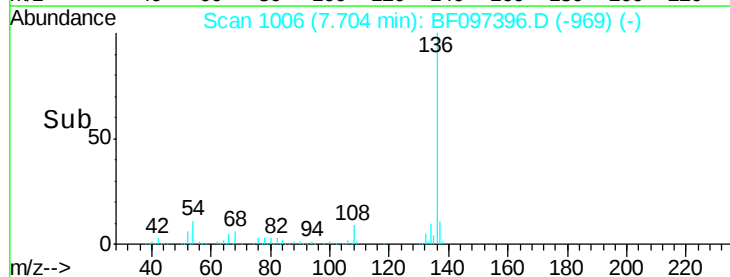
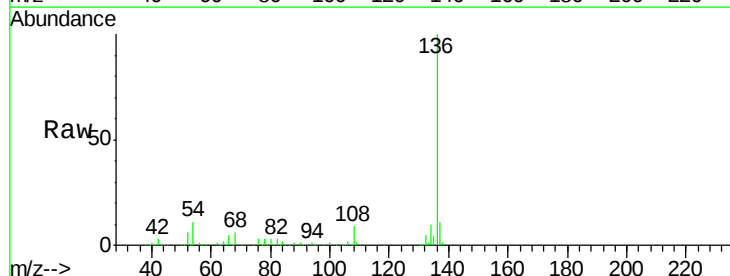
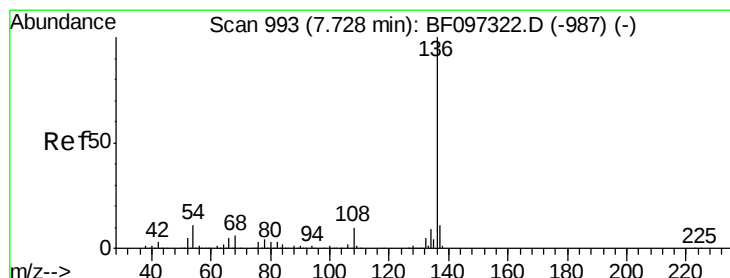
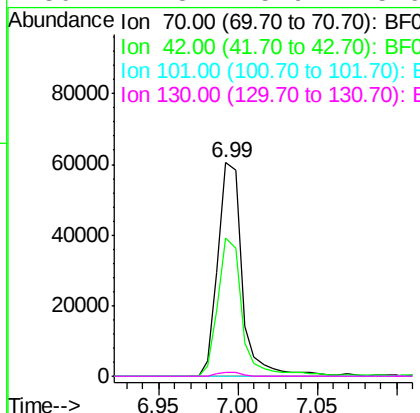




#19
n-Nitroso-di-n-propylamine
Concen: 11.80 ng
RT: 6.99 min Scan# 885
Delta R.T. 0.06 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

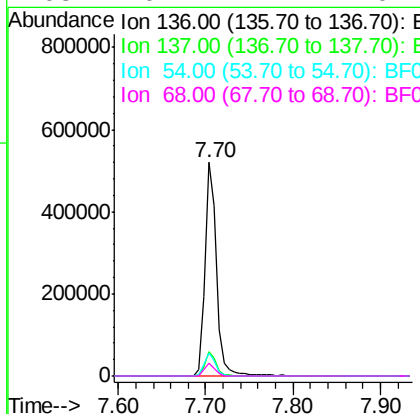
Instrument :
BNA_F
ClientSampleId :

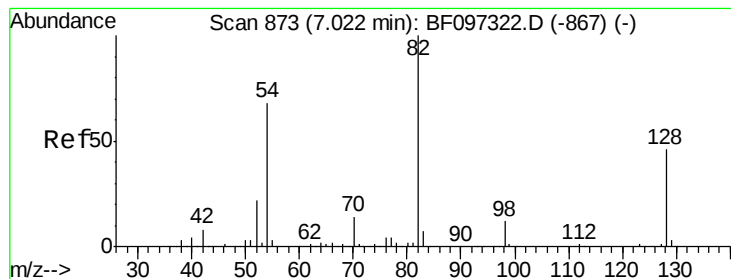
Tot Ion: 70 Resp: 64807
Ion Ratio Lower Upper
70 100
42 64.8 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

Tgt Ion: 136 Resp: 477252
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.9 4.9 7.3#
68 6.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 59.94 ng

RT: 7.00 min Scan# 886

Delta R.T. -0.08 min

Lab File: BF097396.D

Acq: 5 Aug 2017 14:45

Instrument :

BNA_F

ClientSampled :

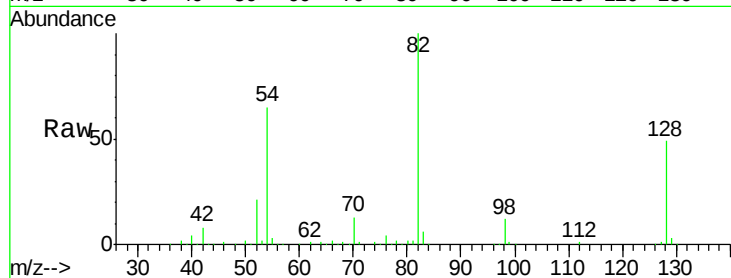
Tot Ion: 82 Resp: 487596

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

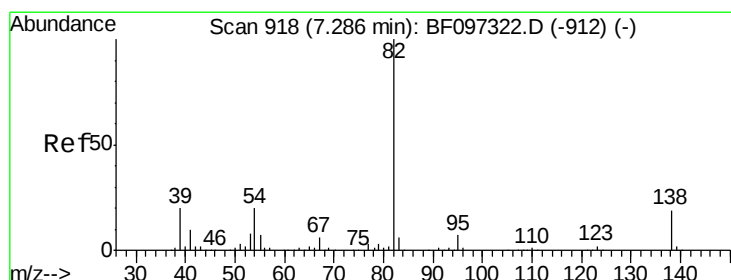
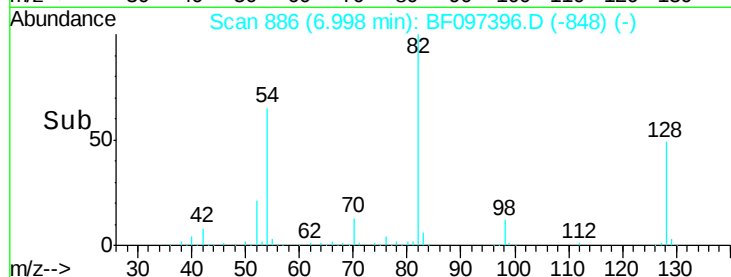
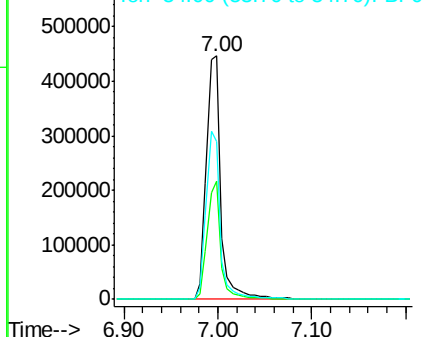
54 65.0 42.2 63.2#



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: 30.60 ng

RT: 7.00 min Scan# 886

Delta R.T. -0.34 min

Lab File: BF097396.D

Acq: 5 Aug 2017 14:45

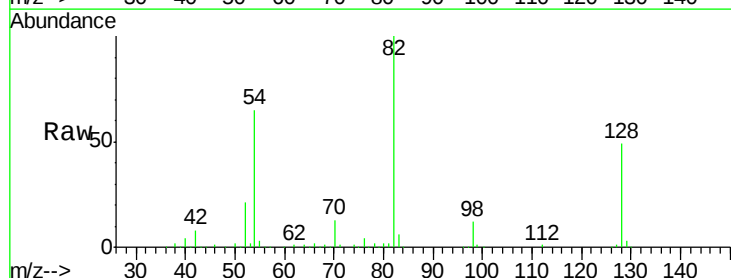
Tgt Ion: 82 Resp: 487590

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

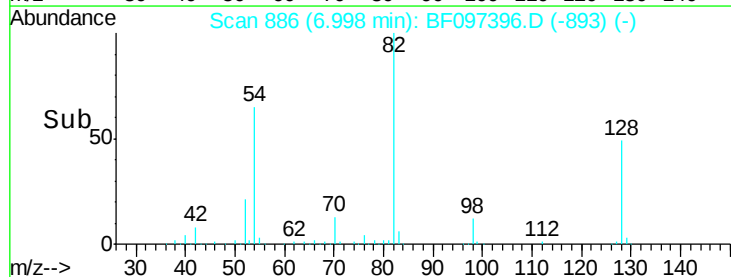
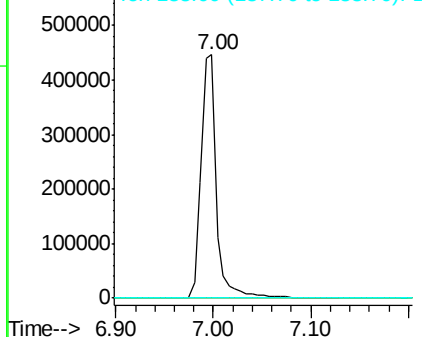
138 0.0 13.1 19.7#

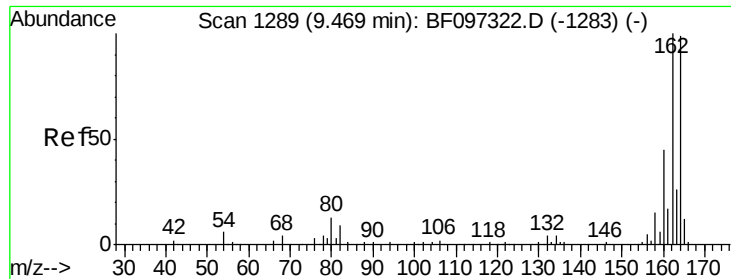


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

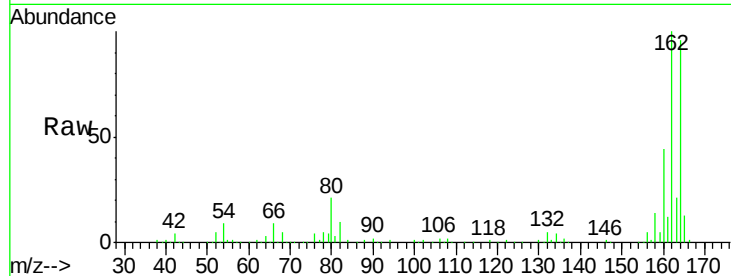




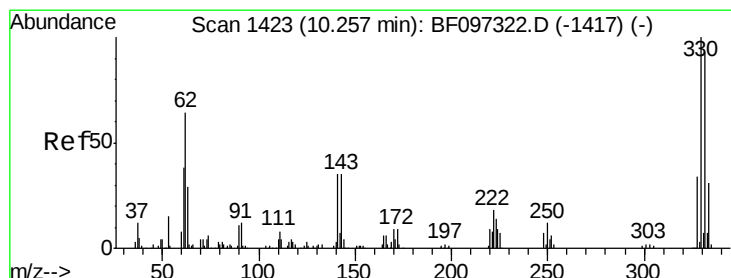
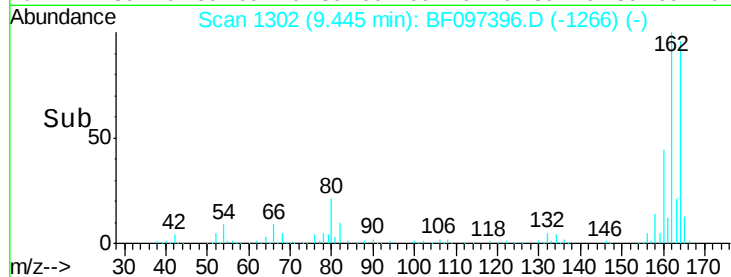
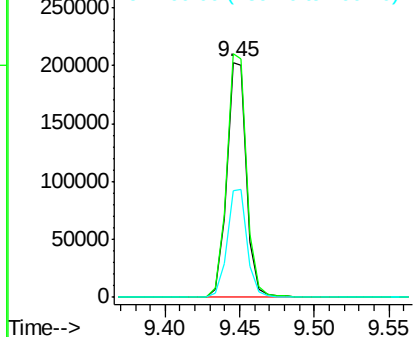
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. -0.09 min
 Lab File: BF097396.D
 Acq: 5 Aug 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 190494
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 45.3 36.2 54.2

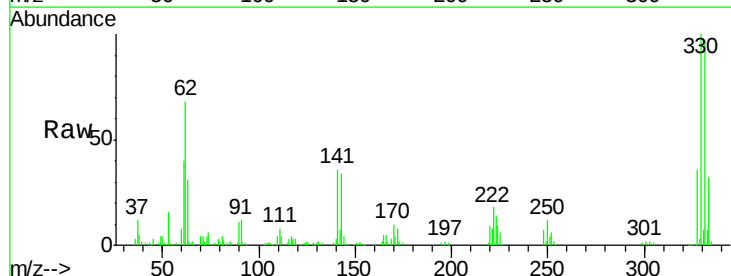


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

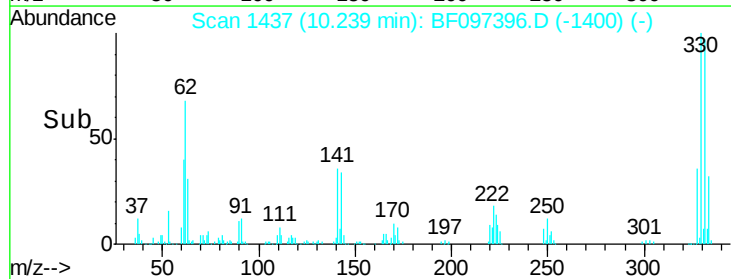
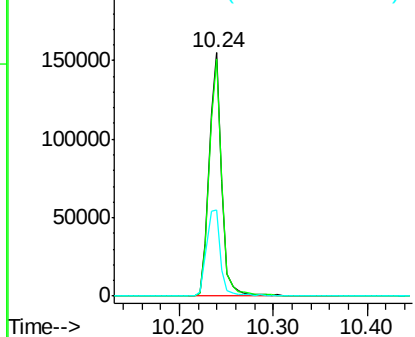


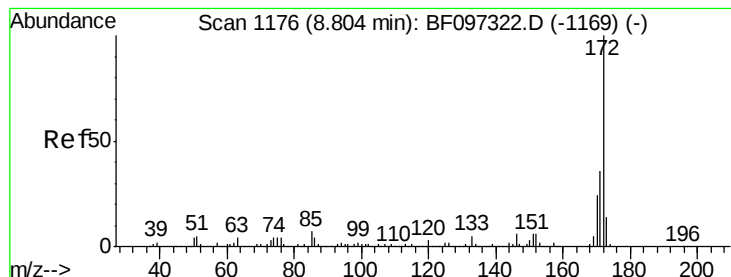
#41
 2,4,6-Tribromophenol
 Concen: 97.28 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097396.D
 Acq: 5 Aug 2017 14:45

Tgt Ion:330 Resp: 146411
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 39.8 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

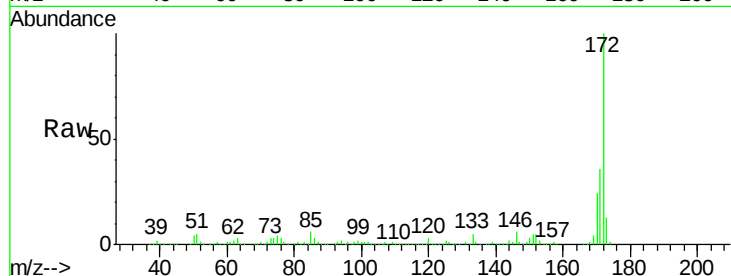




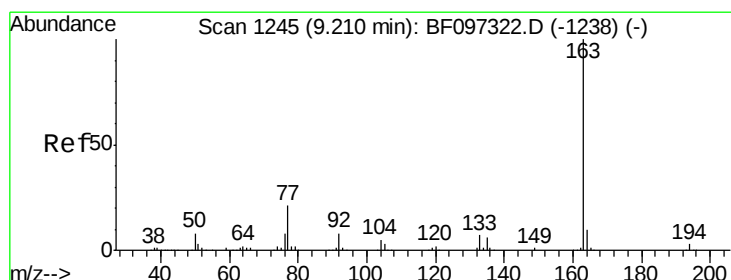
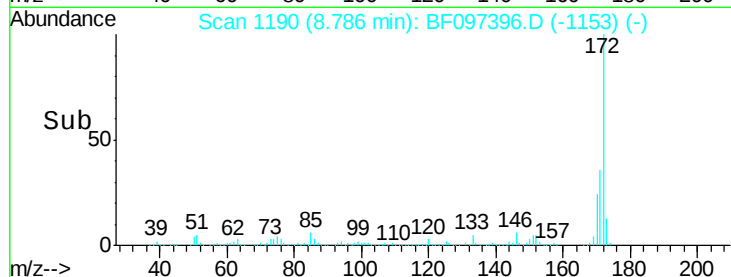
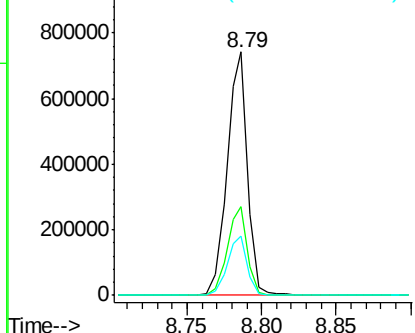
#44
2-Fluorobiphenyl
Concen: 63.68 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 714802
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.2 19.8 29.8

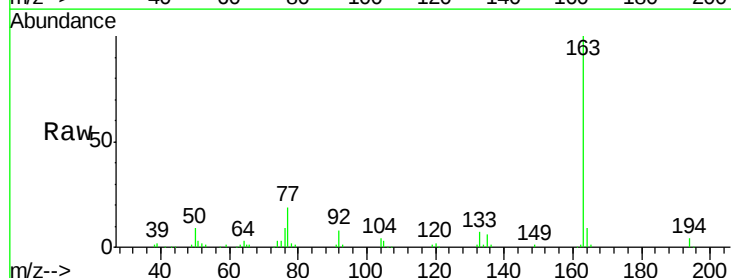


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

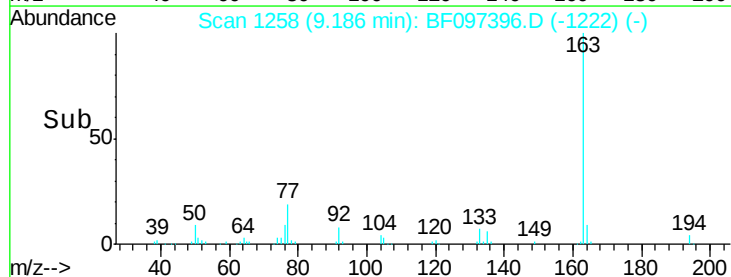
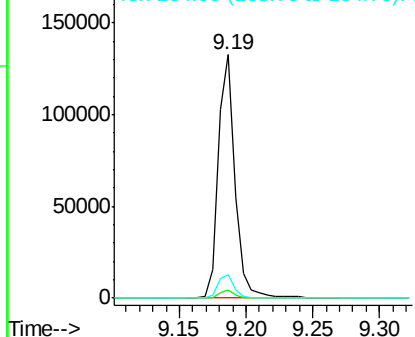


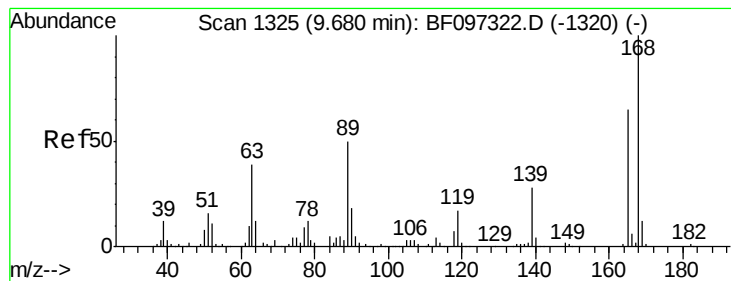
#49
Dimethylphthalate
Concen: 8.16 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

Tgt Ion:163 Resp: 118002
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.4 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: 6.79 ng

RT: 9.45 min Scan# 1302

Delta R.T. -0.29 min

Lab File: BF097396.D

Acq: 5 Aug 2017 14:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23933

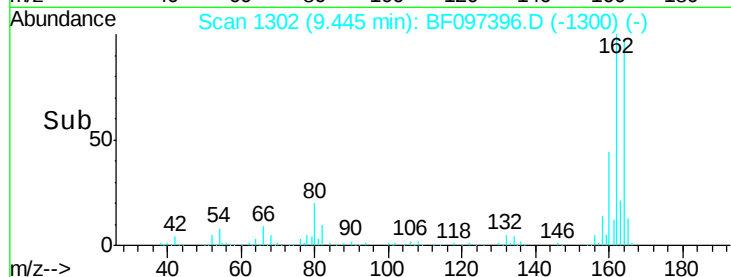
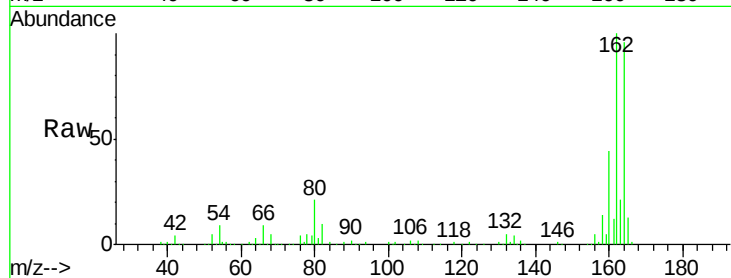
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

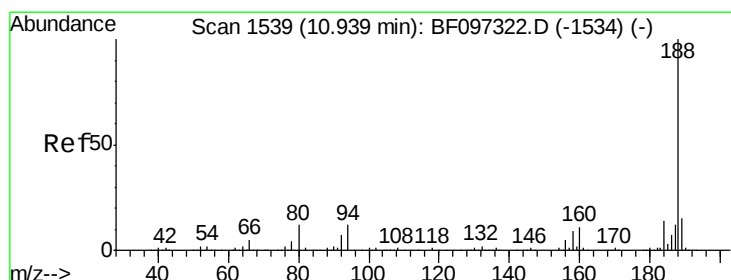
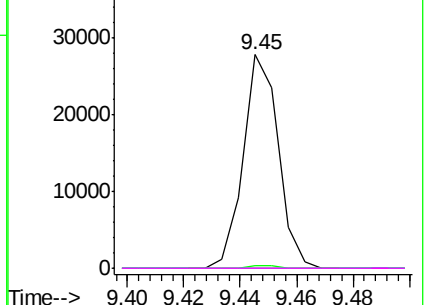


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.92 min Scan# 1553

Delta R.T. -0.08 min

Lab File: BF097396.D

Acq: 5 Aug 2017 14:45

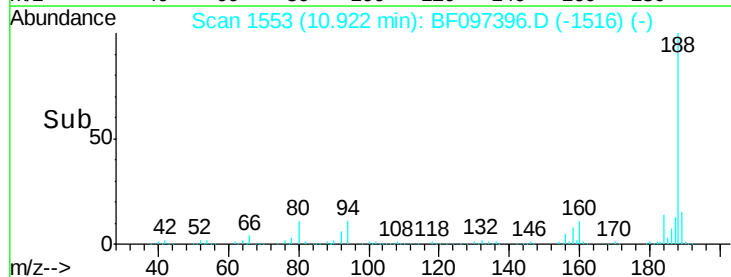
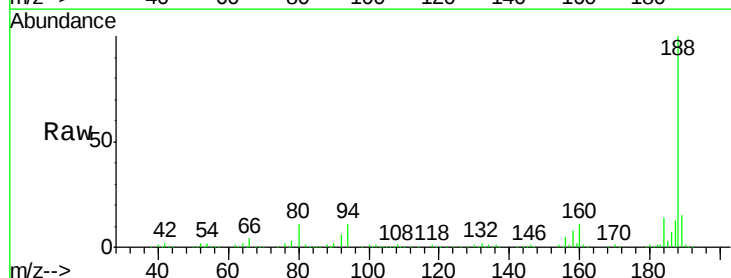
Tgt Ion:188 Resp: 332095

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

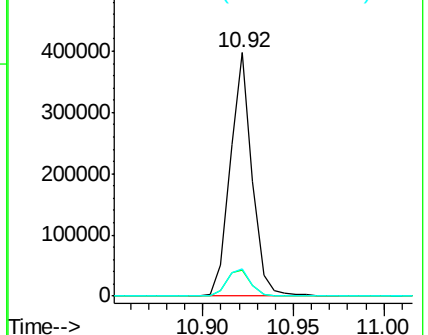
80 11.2 10.2 15.2

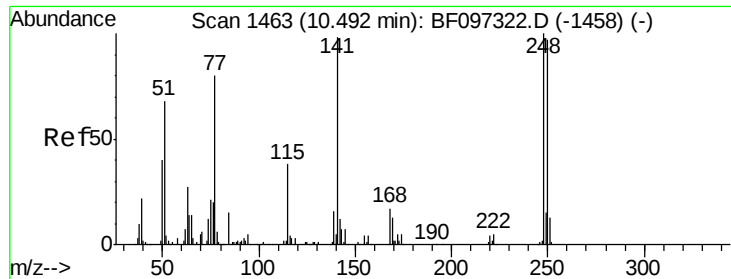


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

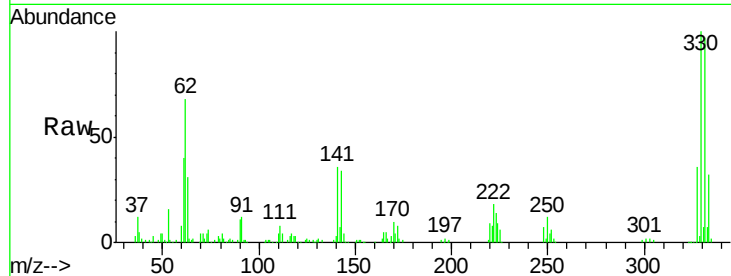




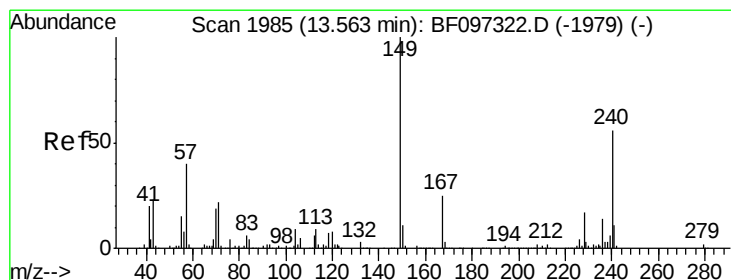
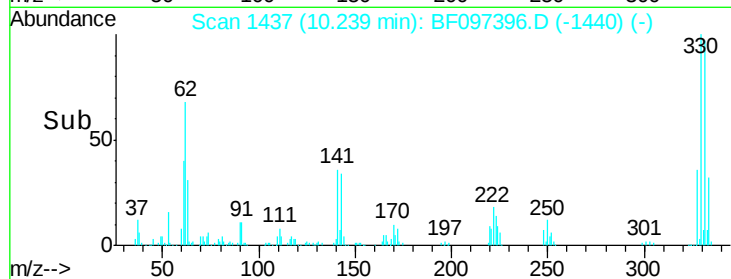
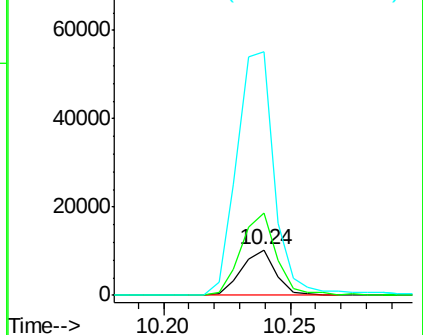
#66
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.32 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9646
Ion Ratio Lower Upper
248 100
250 181.0 76.8 115.2#
141 538.2 68.6 103.0#

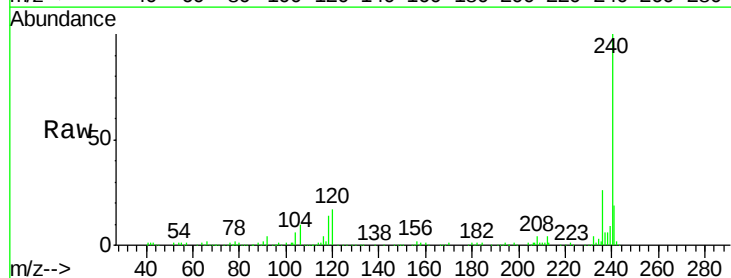


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

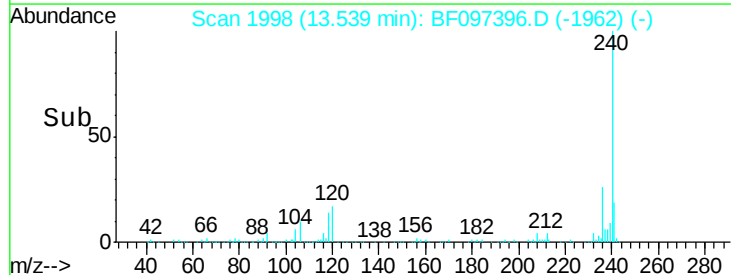
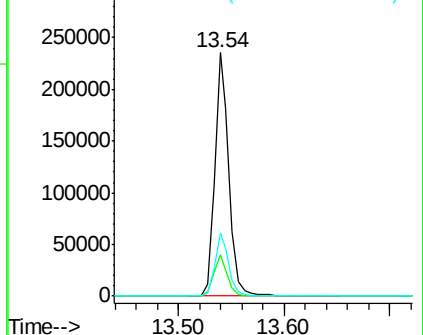


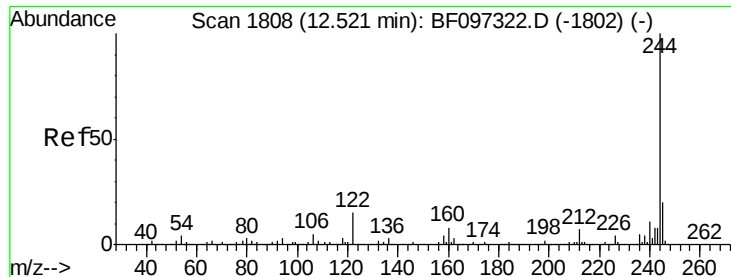
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.09 min
Lab File: BF097396.D
Acq: 5 Aug 2017 14:45

Tgt Ion:240 Resp: 221666
Ion Ratio Lower Upper
240 100
120 16.8 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

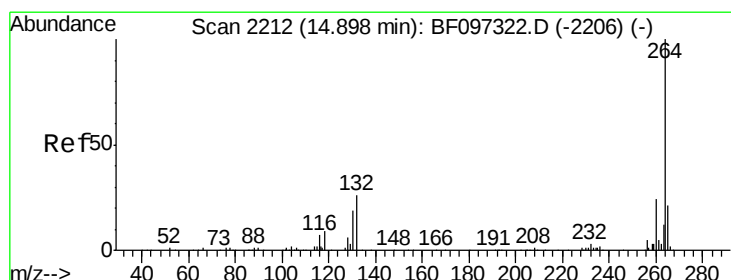
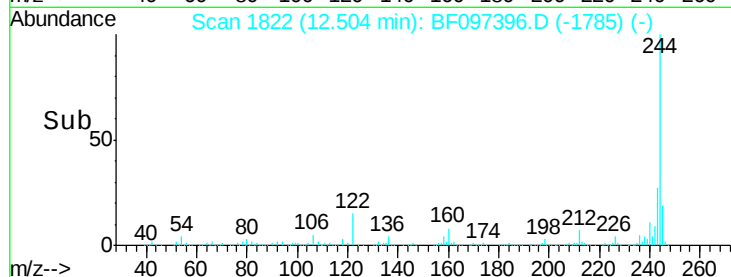
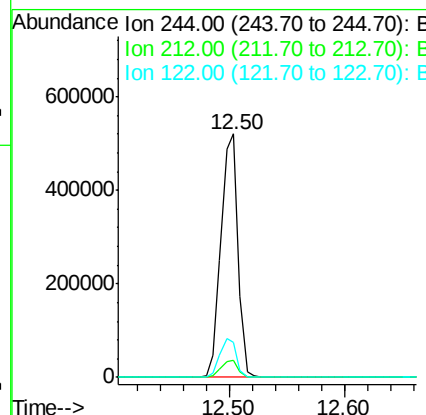
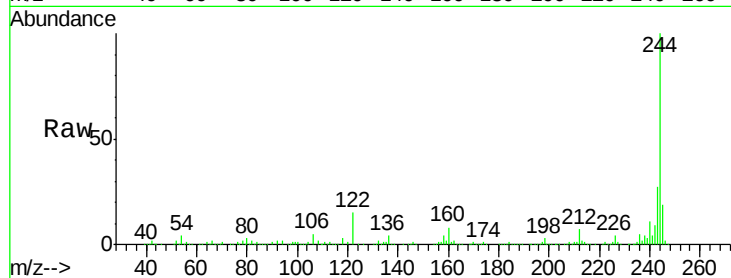




#78
 Terphenyl-d14
 Concen: 48.91 ng
 RT: 12.50 min Scan# 1822
 Delta R.T. -0.08 min
 Lab File: BF097396.D
 Acq: 5 Aug 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 531711
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097396.D
 Acq: 5 Aug 2017 14:45

Tgt Ion:264 Resp: 194295
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.9 17.2 25.8

