

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104182.D
 Acq On : 3 Apr 2018 15:15
 Operator : JU/SJ
 Sample : J2114-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 15:56:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

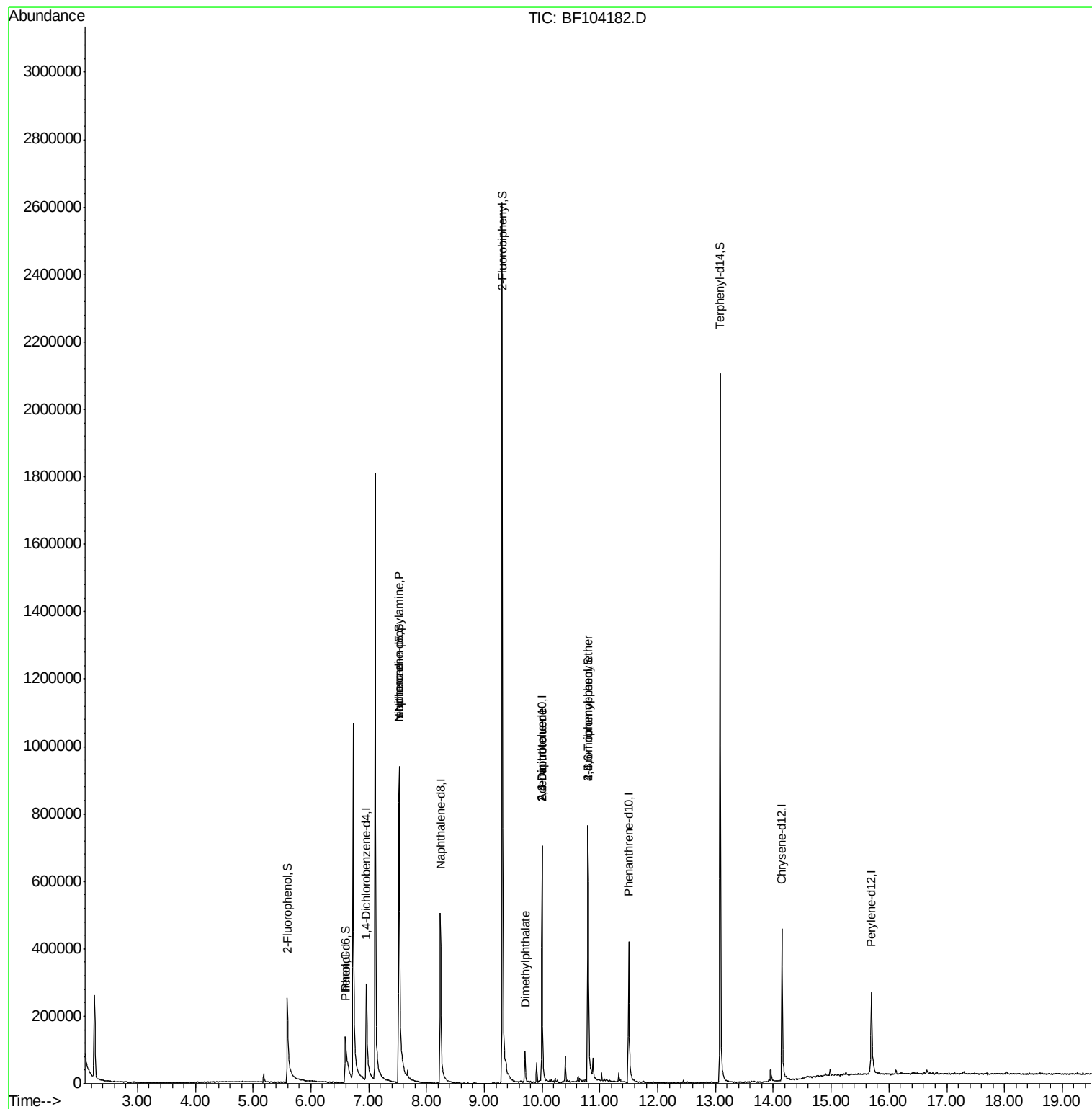
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88887	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	375779	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	161740	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	243933	20.00	ng	0.00
75) Chrysene-d12	14.15	240	217128	20.00	ng	0.00
86) Perylene-d12	15.70	264	163401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	192031	34.45	ng	0.00
7) Phenol-d6	6.59	99	163183	23.80	ng	0.00
23) Nitrobenzene-d5	7.53	82	568064	92.45	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	136630	75.86	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1069004	104.22	ng	0.00
78) Terphenyl-d14	13.08	244	841389	89.47	ng	0.00
Target Compounds						
10) Phenol	6.61	94	16033	2.110	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	68061	16.724	ng	# 70
25) Isophorone	7.53	82	568064	50.165	ng	# 64
49) Dimethylphthalate	9.70	163	50014	3.917	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	19786	7.202	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	19786	5.644	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	7875	3.018	ng	# 1

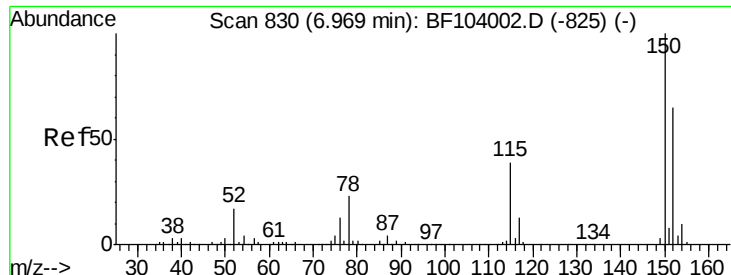
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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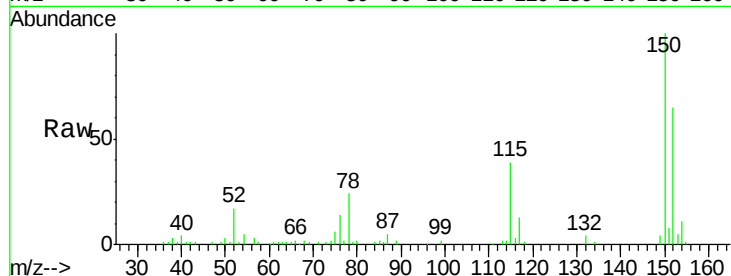


#1

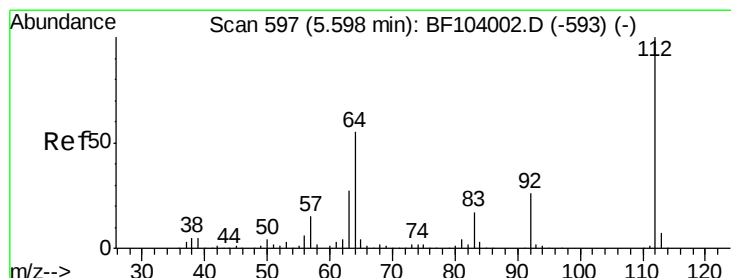
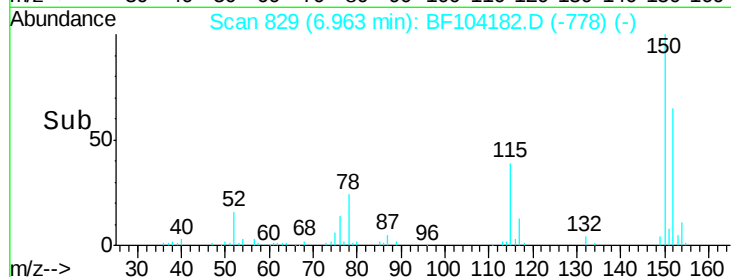
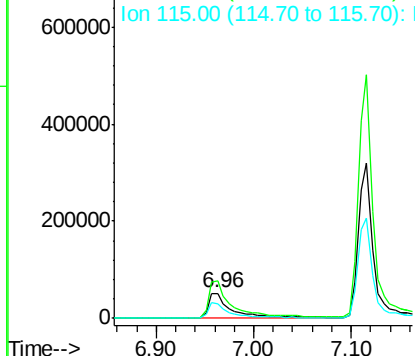
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88887
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 60.1 50.1 75.1



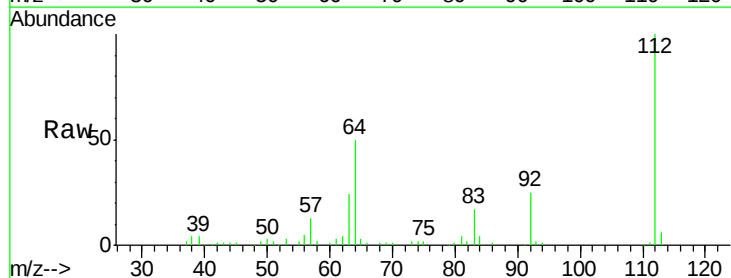
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



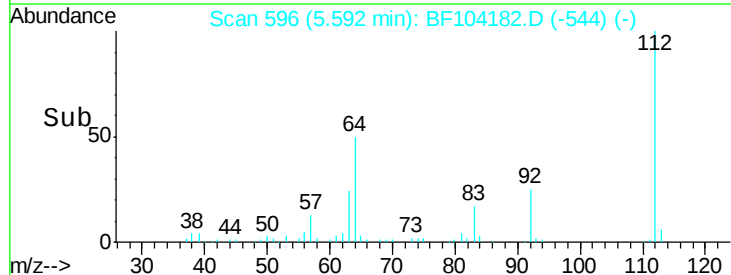
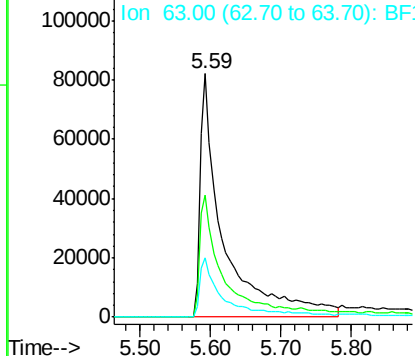
#5

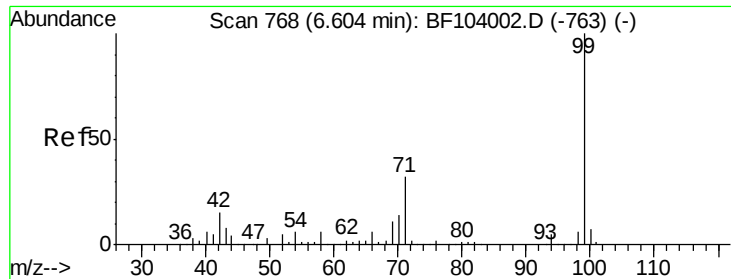
2-Fluorophenol
Concen: 34.453 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Tgt Ion:112 Resp: 192031
Ion Ratio Lower Upper
112 100
64 50.1 47.9 71.9
63 24.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.797 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

Instrument :

BNA_F

ClientSampleId :

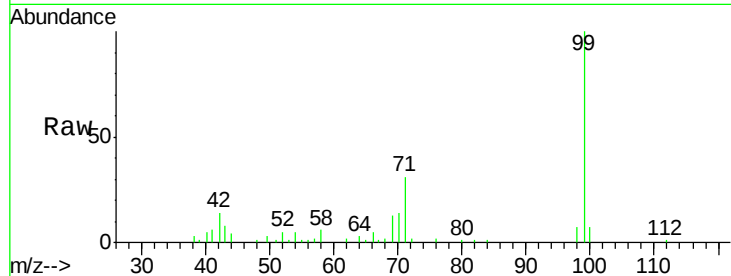
Tot Ion: 99 Resp: 163183

Ion Ratio Lower Upper

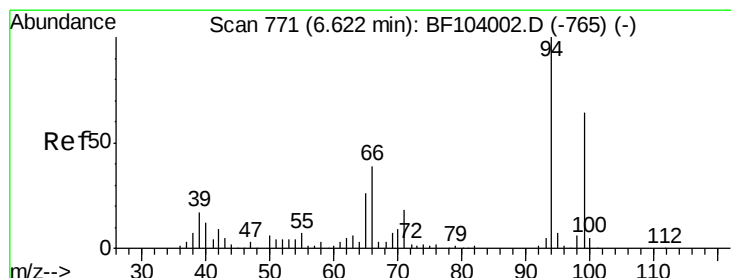
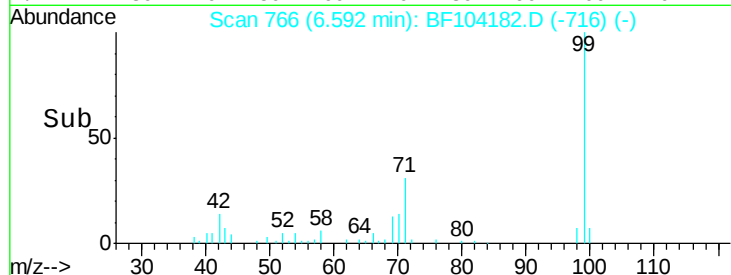
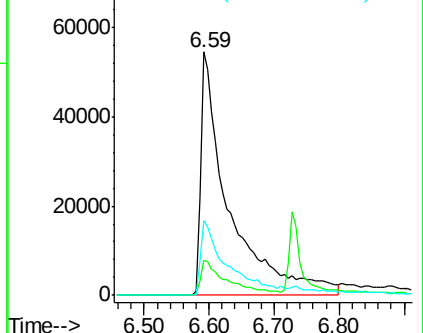
99 100

42 14.4 14.5 21.7#

71 30.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.110 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

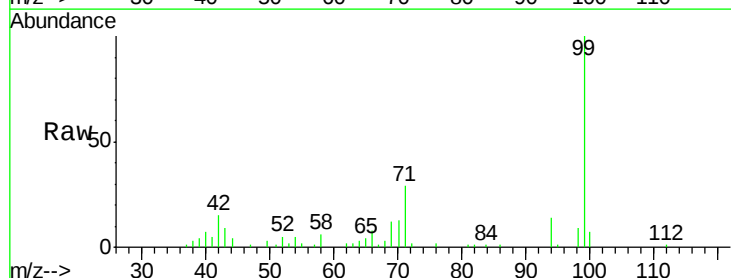
Tgt Ion: 94 Resp: 16033

Ion Ratio Lower Upper

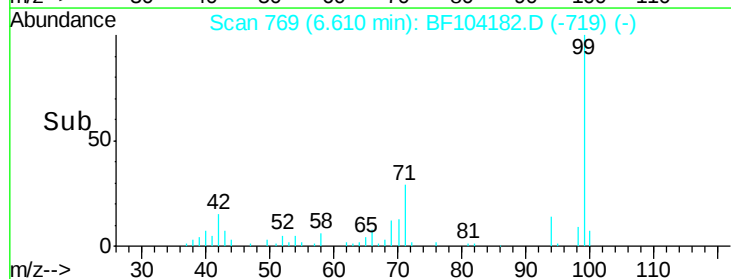
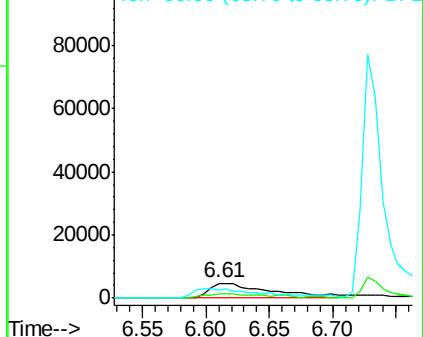
94 100

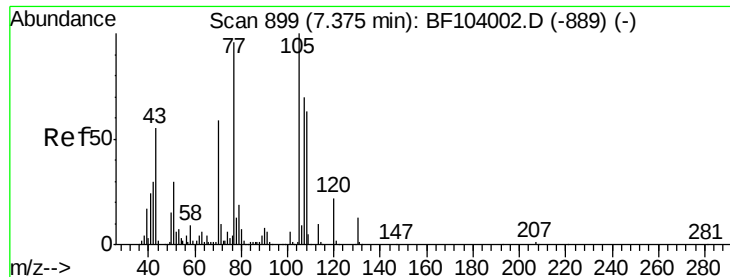
65 28.7 7.9 47.9

66 57.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 16.724 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 68061

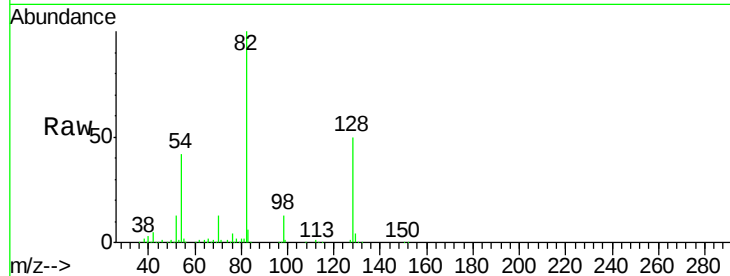
Ion Ratio Lower Upper

70 100

42 38.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

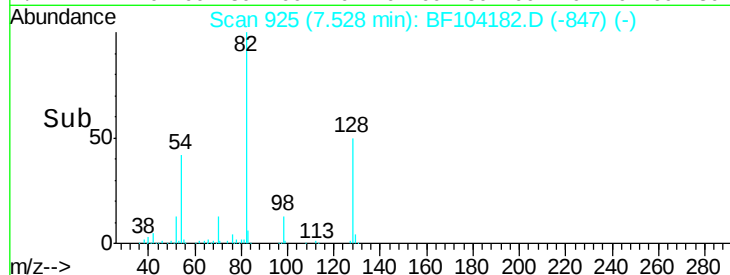


Abundance Ion 70.00 (69.70 to 70.70): BF1

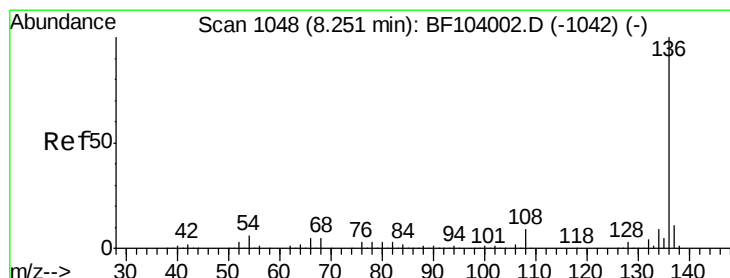
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

Tgt Ion: 136 Resp: 375779

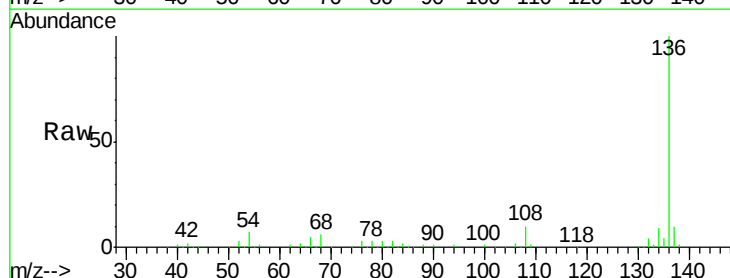
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.6 6.6 9.8

68 6.4 5.0 7.4

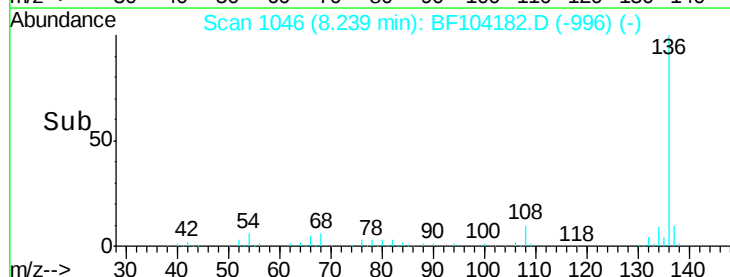


Abundance Ion 136.00 (135.70 to 136.70): BF1

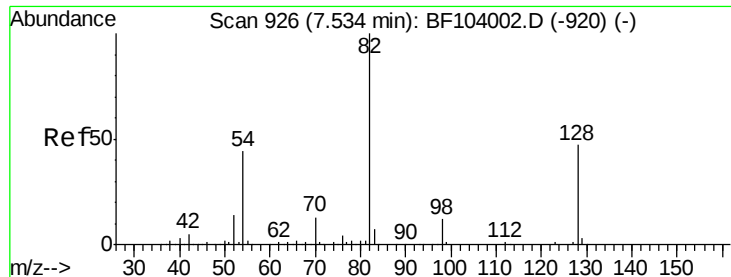
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



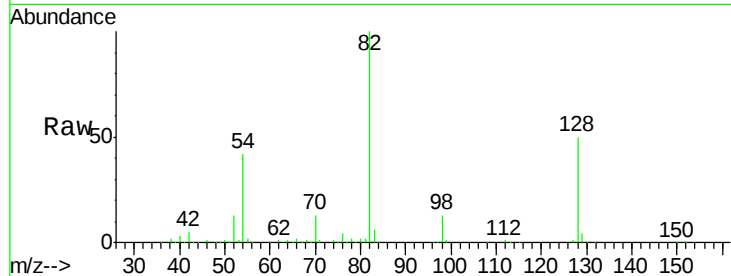
Time-->



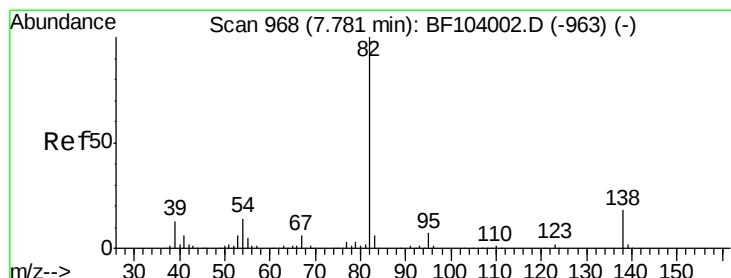
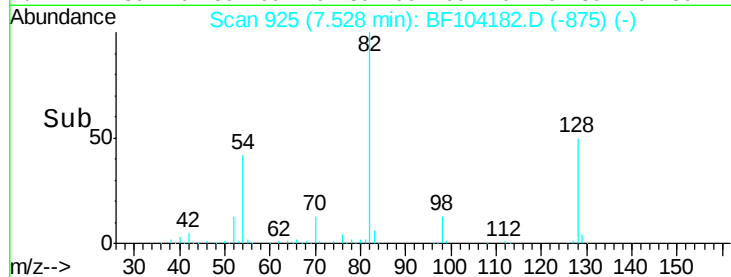
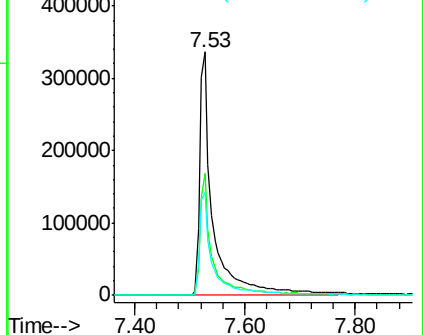
#23
Nitrobenzene-d5
Concen: 92.449 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 568064
Ion Ratio Lower Upper
82 100
128 49.9 36.1 54.1
54 42.3 41.4 62.2

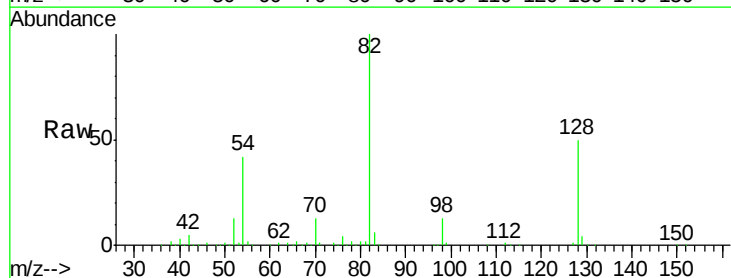


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

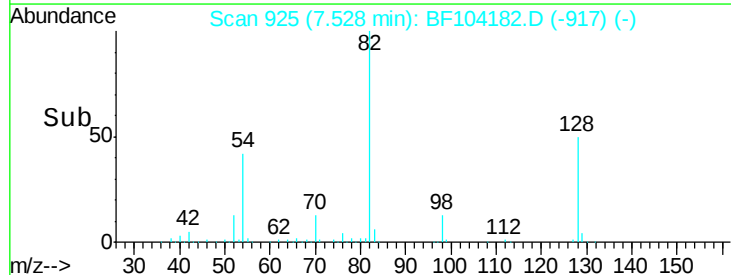
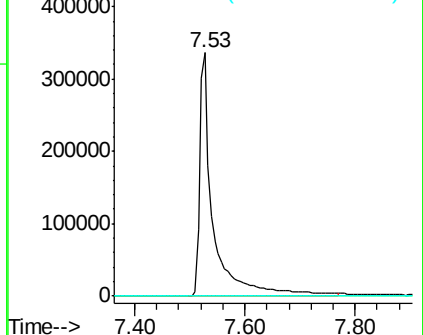


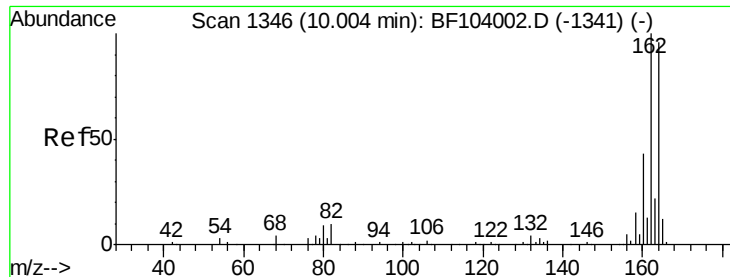
#25
Isophorone
Concen: 50.165 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Tgt Ion: 82 Resp: 568064
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

Instrument :

BNA_F

ClientSampleId :

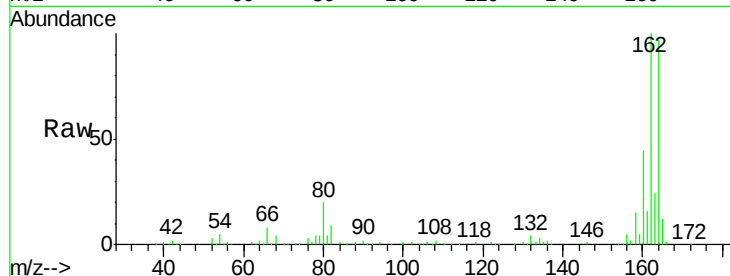
Tot Ion:164 Resp: 161740

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

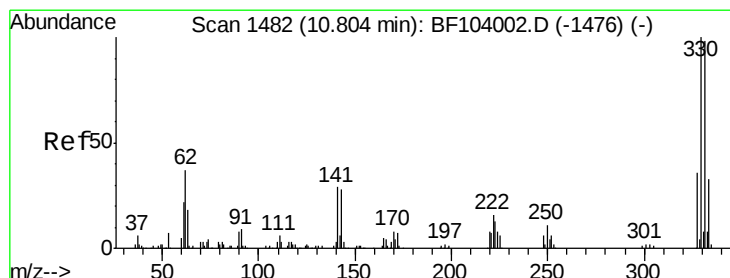
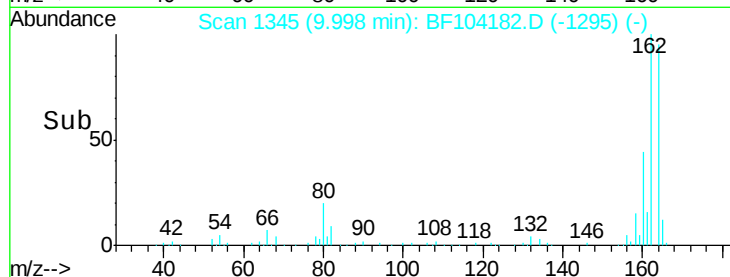
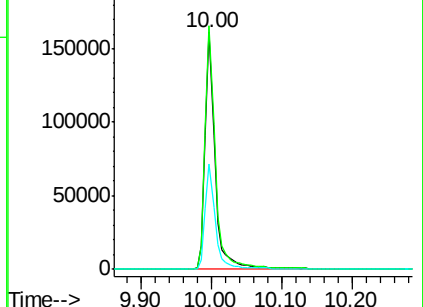
160 44.7 38.3 57.5



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: 75.864 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

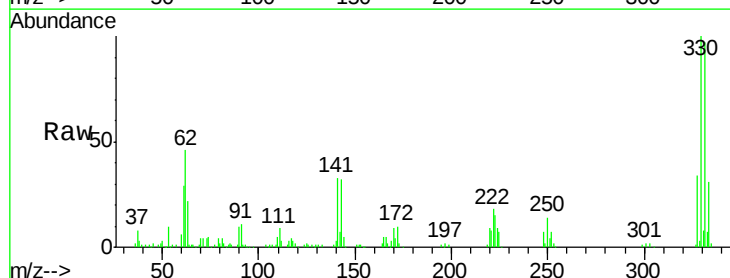
Tgt Ion:330 Resp: 136630

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

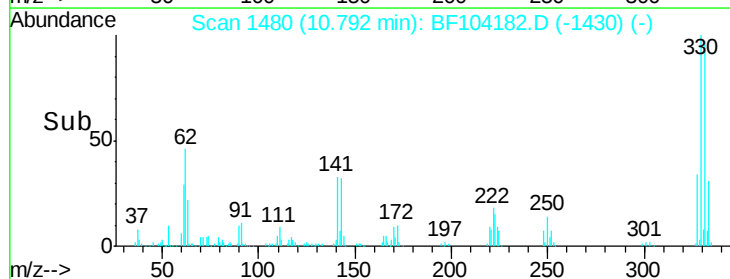
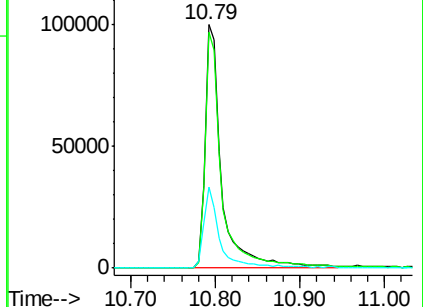
141 30.7 29.9 44.9

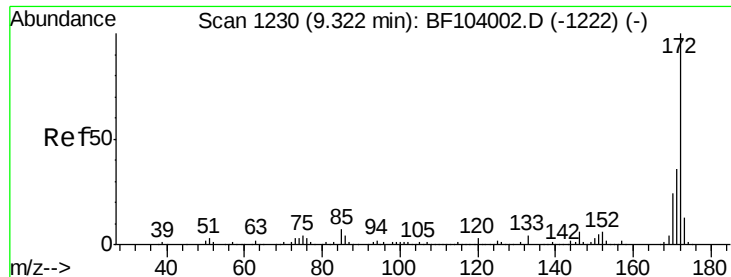


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

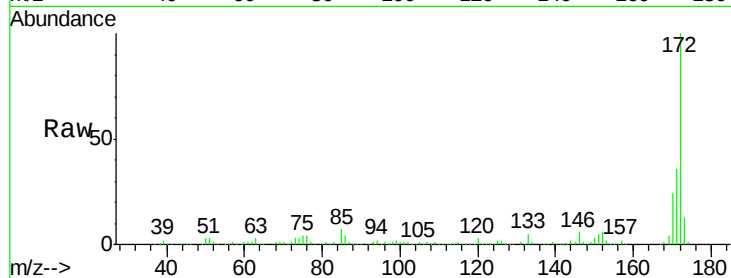




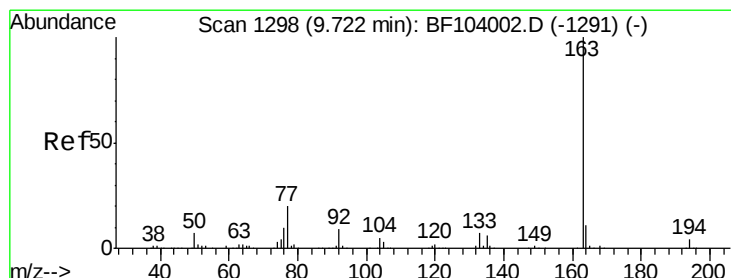
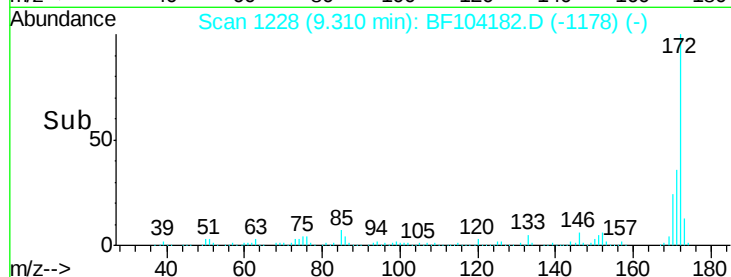
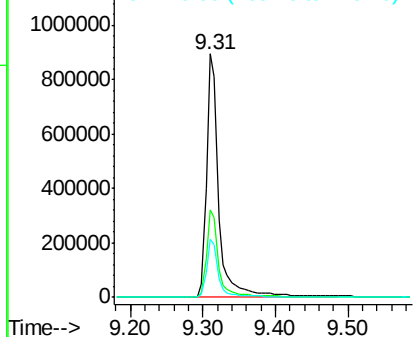
#44
2-Fluorobiphenyl
Concen: 104.225 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1069004
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.7 19.6 29.4

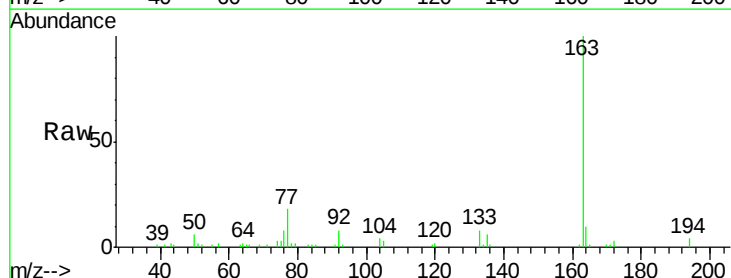


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

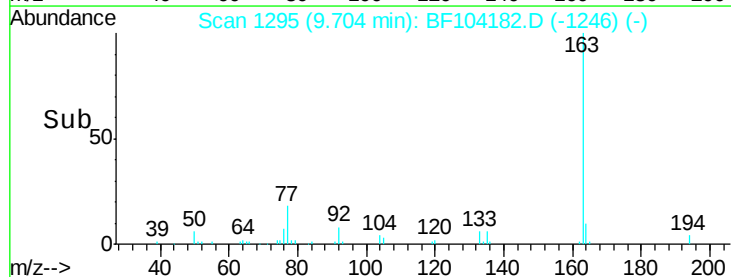
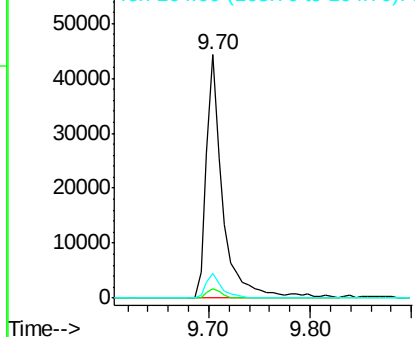


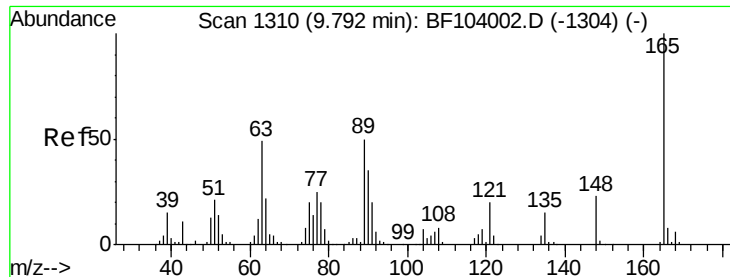
#49
Dimethylphthalate
Concen: 3.917 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Tgt Ion:163 Resp: 50014
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2



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

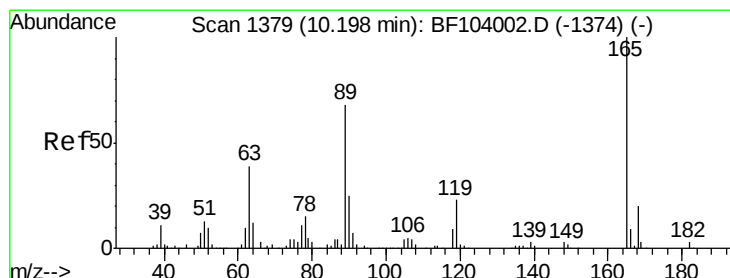
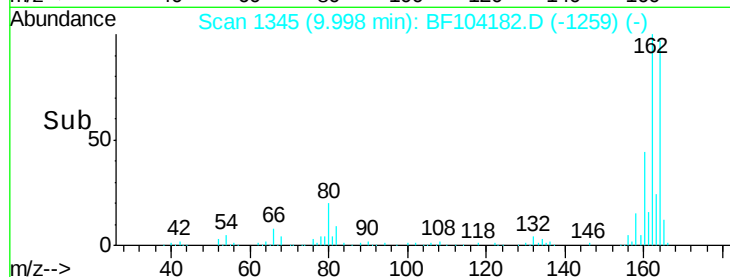
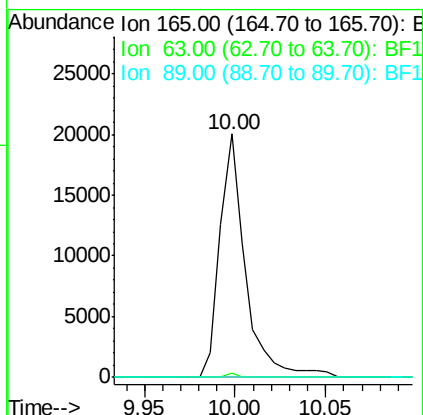
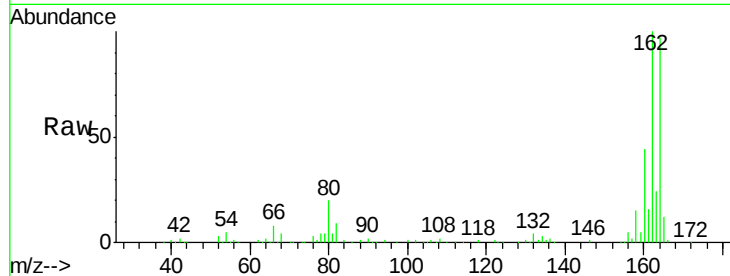




#50
 2,6-Dinitrotoluene
 Concen: 7.202 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.21 min
 Lab File: BF104182.D
 Acq: 3 Apr 2018 15:15

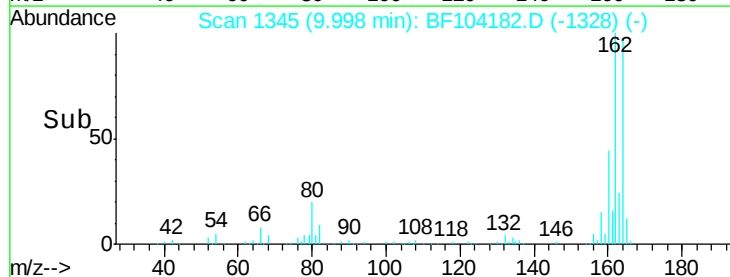
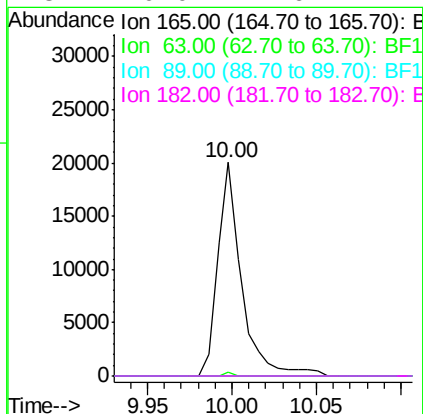
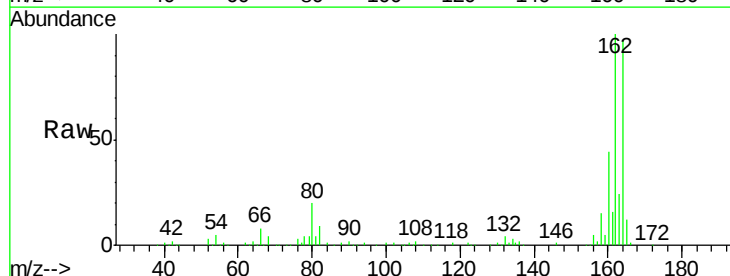
Instrument :
 BNA_F
 ClientSampleId :

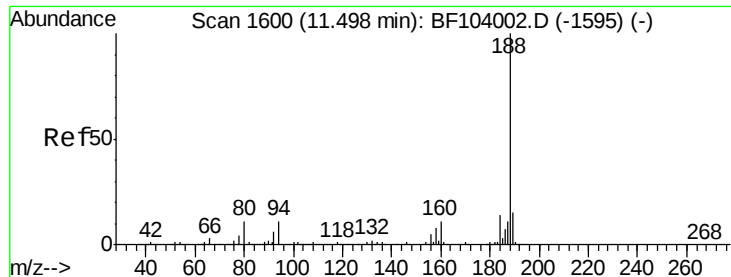
Tot Ion:165 Resp: 19786
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.644 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104182.D
 Acq: 3 Apr 2018 15:15

Tgt Ion:165 Resp: 19786
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

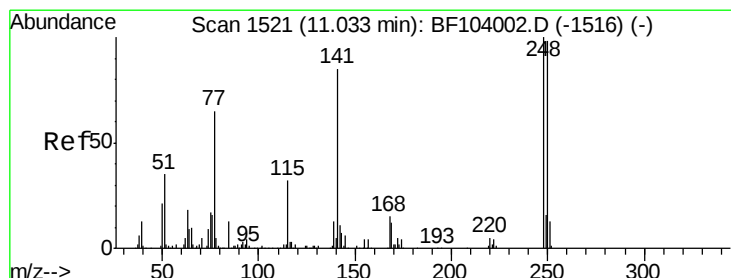
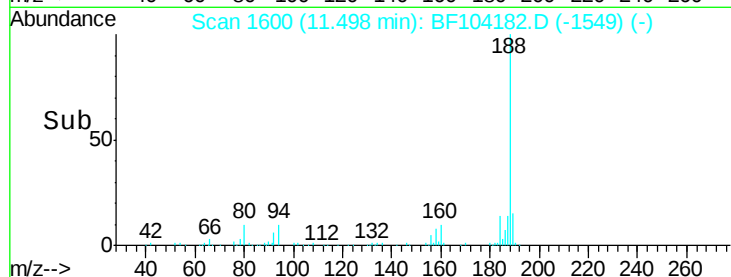
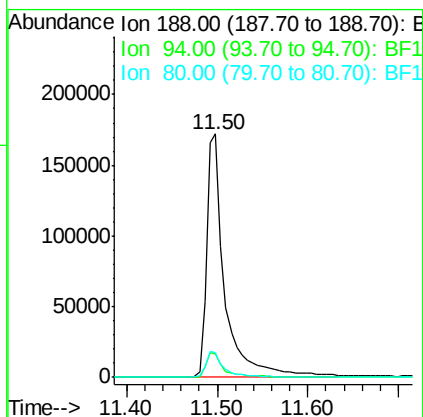
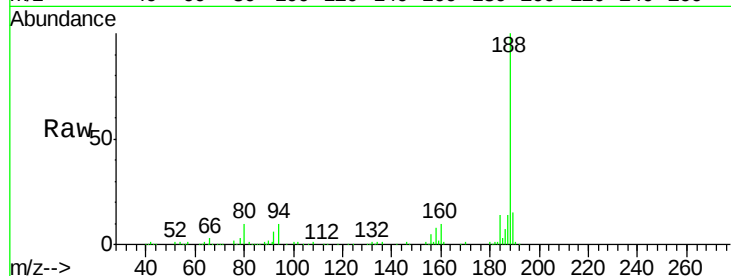




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

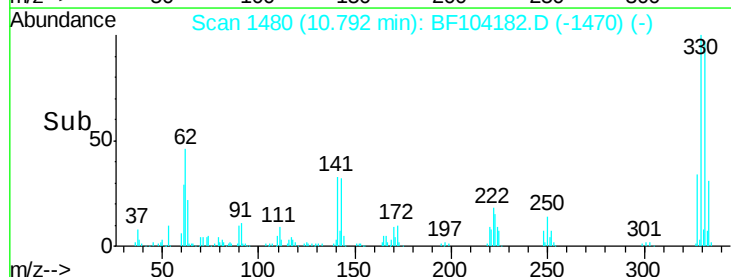
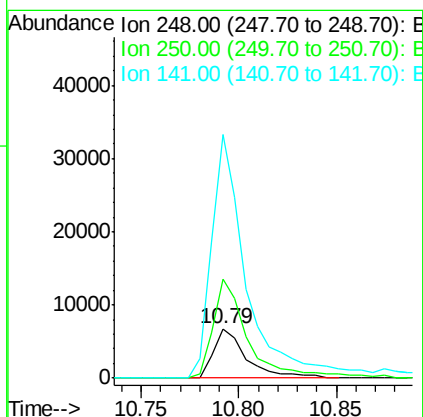
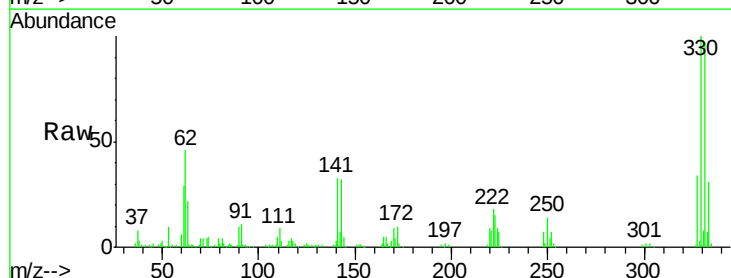
Instrument :
BNA_F
ClientSampleId :

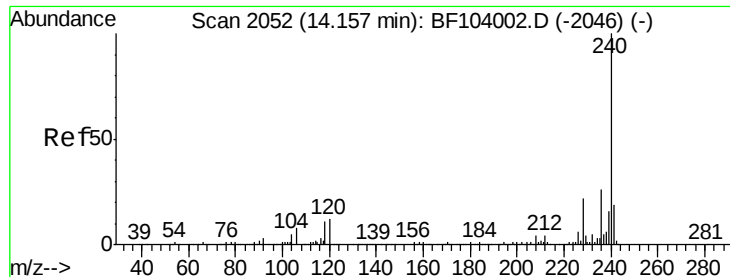
Tot Ion:188 Resp: 243933
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Tgt Ion:248 Resp: 7875
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 496.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

Instrument :

BNA_F

ClientSampleId :

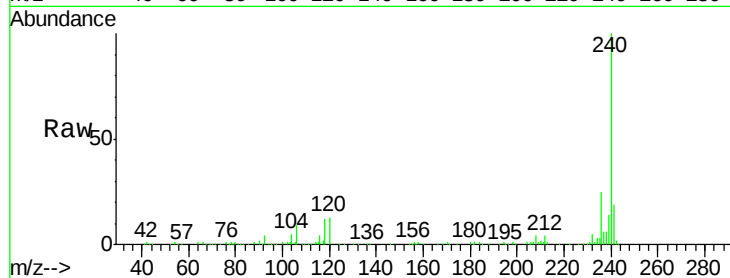
Tot Ion:240 Resp: 217128

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

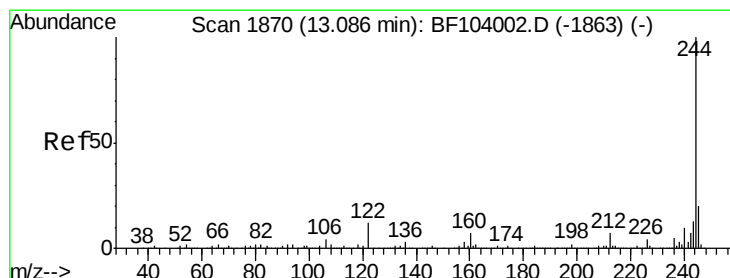
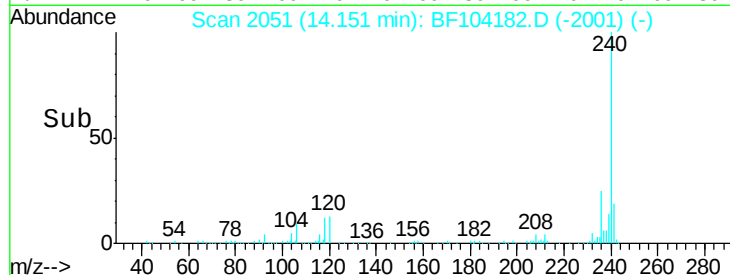
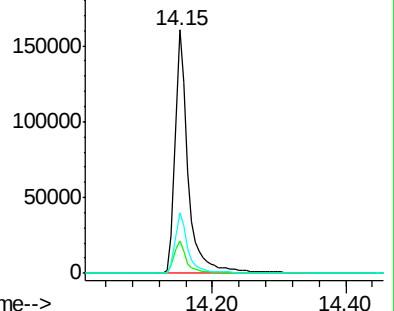
236 25.0 20.7 31.1



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: 89.474 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104182.D

Acq: 3 Apr 2018 15:15

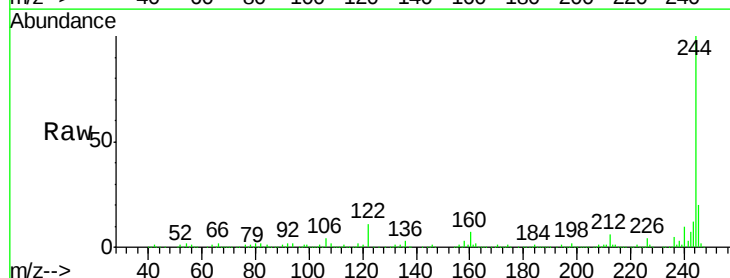
Tgt Ion:244 Resp: 841389

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

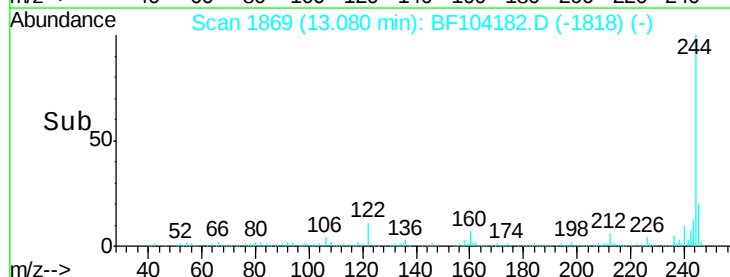
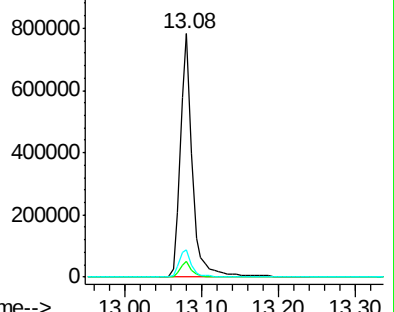
122 11.4 11.0 16.4

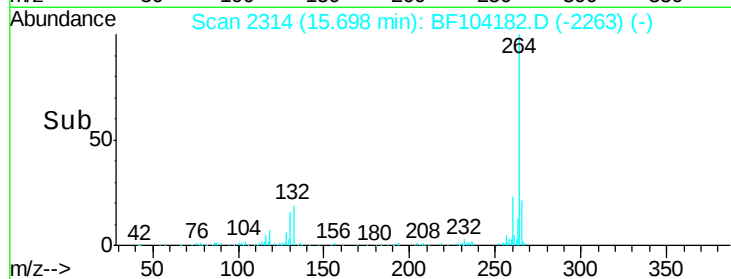
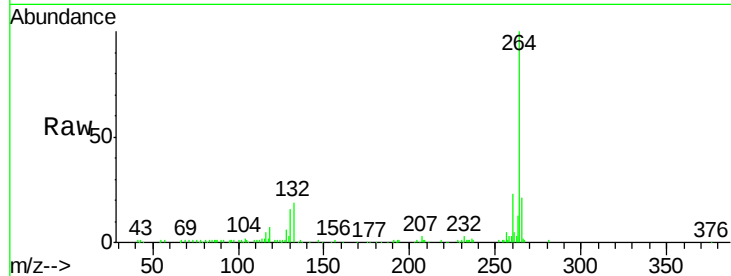
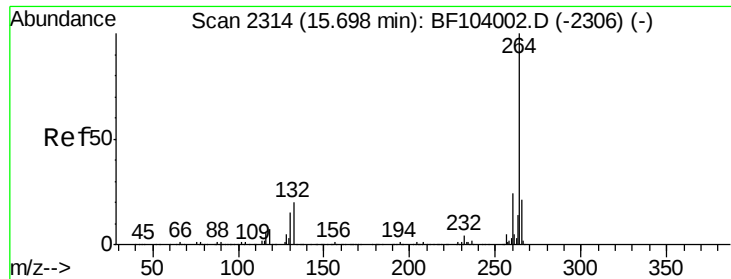


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104182.D
Acq: 3 Apr 2018 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	19.2	28.8	
265	21.1	17.5	26.3	

