

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106730.D
 Acq On : 23 Jun 2018 1:00
 Operator : JU/SJ
 Sample : J3573-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

Quant Time: Jun 23 03:17:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

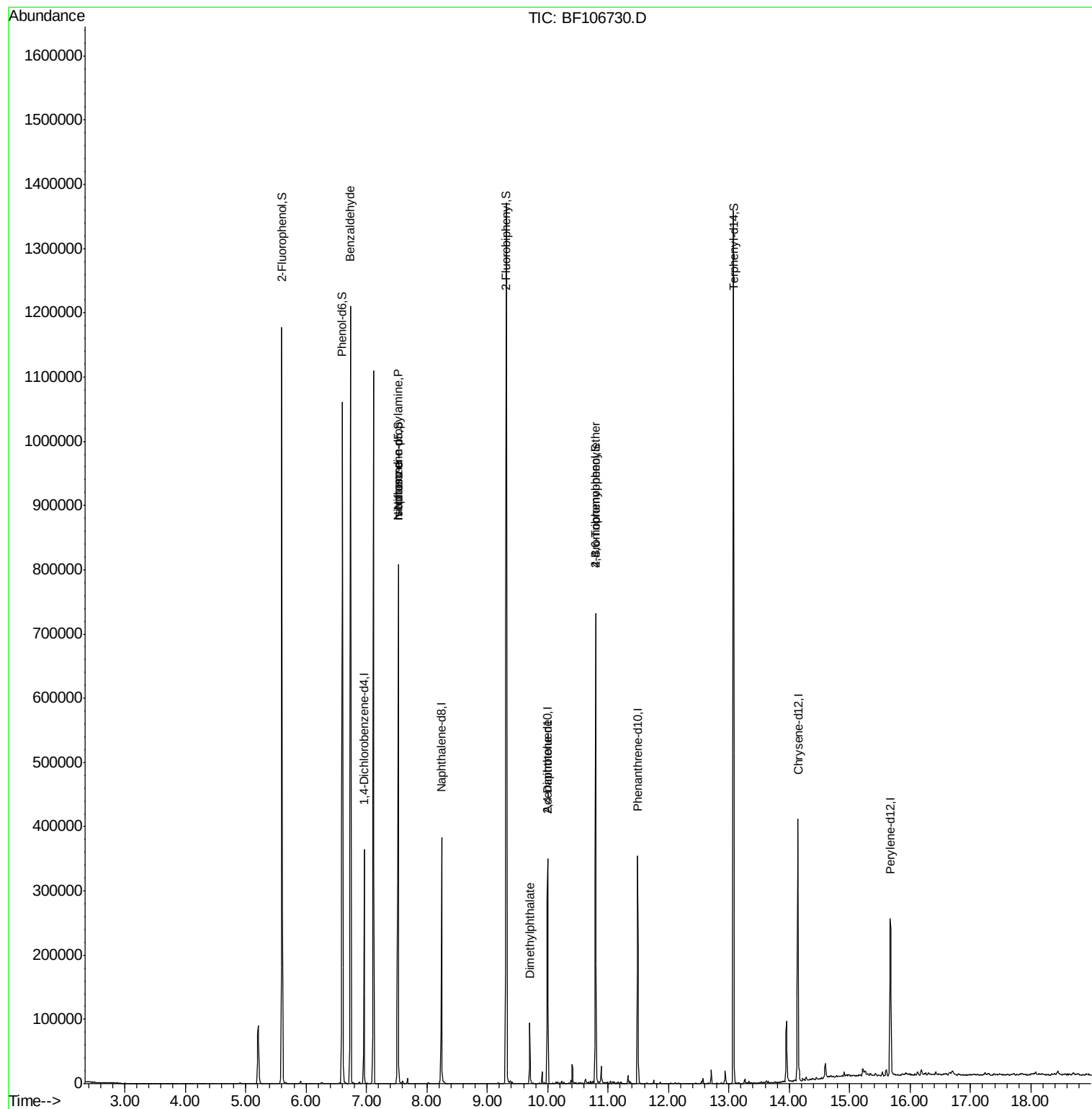
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	49554	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	172443	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	71688	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	127449	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	144420	20.00	ng	-0.01
86) Perylene-d12	15.67	264	127746	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	371225	126.85	ng	0.00
7) Phenol-d6	6.60	99	460797	126.09	ng	0.00
23) Nitrobenzene-d5	7.52	82	297266	95.80	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	115036	138.45	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	491996	122.71	ng	-0.01
78) Terphenyl-d14	13.08	244	518946	87.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	8011	2.598	ng	86
19) n-Nitroso-di-n-propylamine	7.52	70	38799	16.106	ng	# 72
25) Isophorone	7.52	82	297264	54.365	ng	# 64
49) Dimethylphthalate	9.71	163	43750	8.137	ng	97
56) 2,4-Dinitrotoluene	10.00	165	9058	6.095	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	7334	4.822	ng	# 1

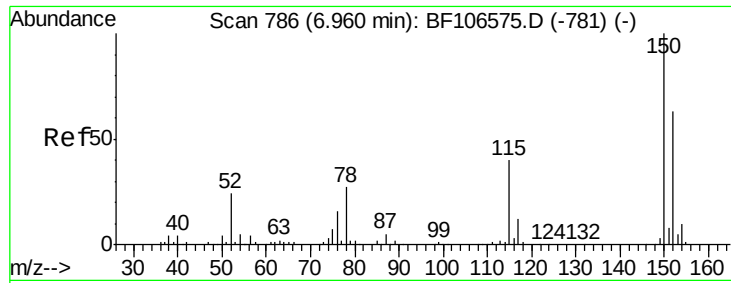
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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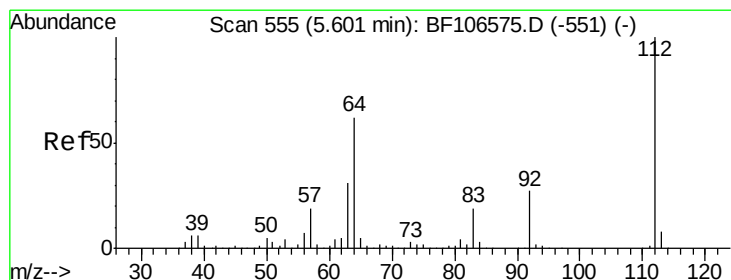
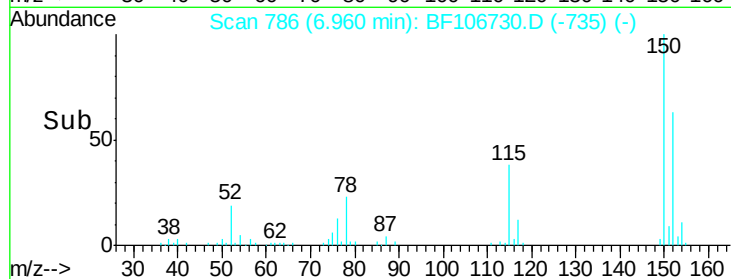
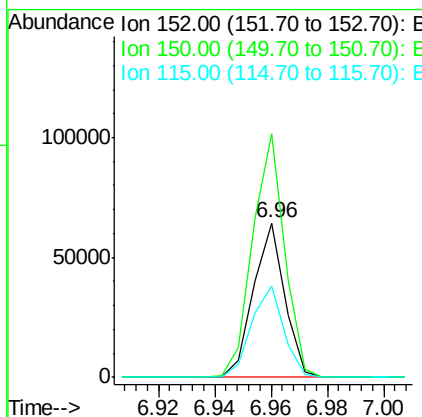
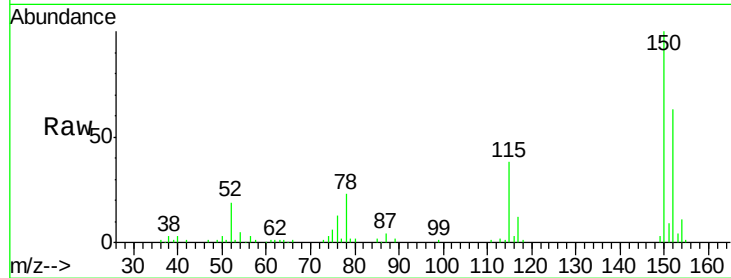




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106730.D
 Acq: 23 Jun 2018 1:00

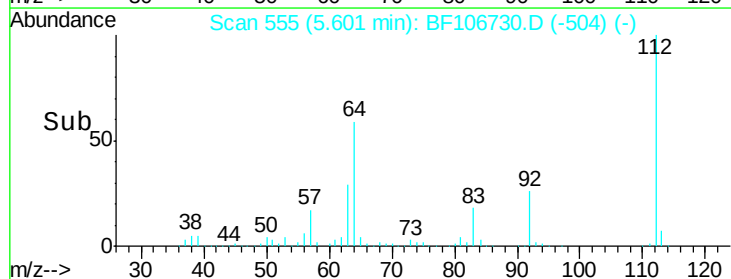
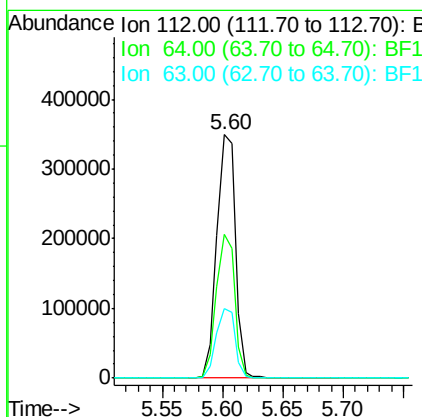
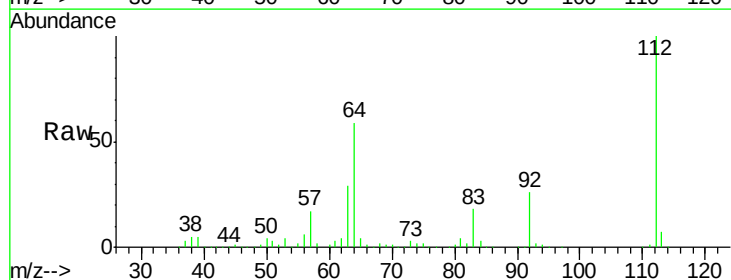
Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

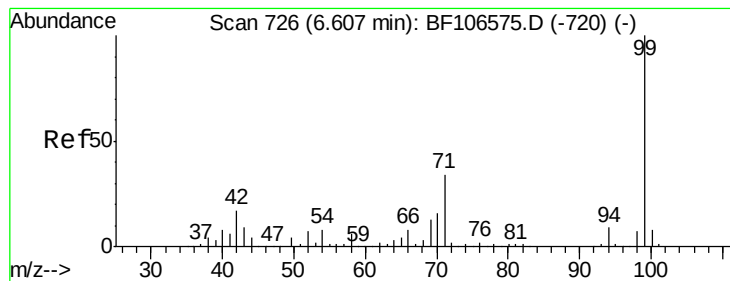
Tgt Ion:152 Resp: 49554
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 59.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 126.852 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106730.D
 Acq: 23 Jun 2018 1:00

Tgt Ion:112 Resp: 371225
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 126.088 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106730.D

Acq: 23 Jun 2018 1:00

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP

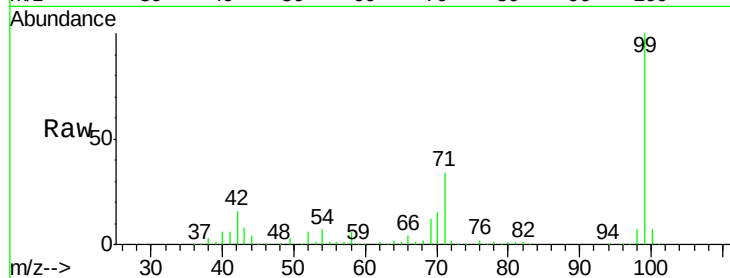
Tgt Ion: 99 Resp: 460797

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

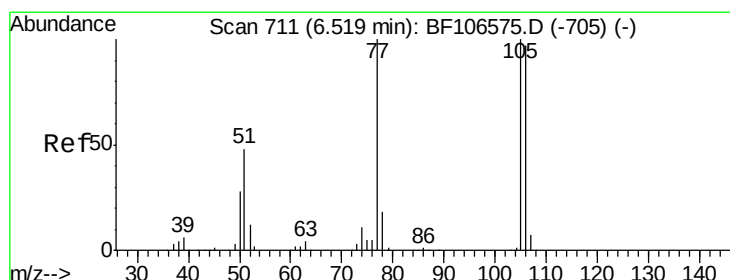
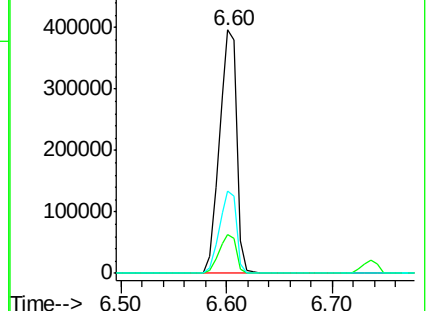
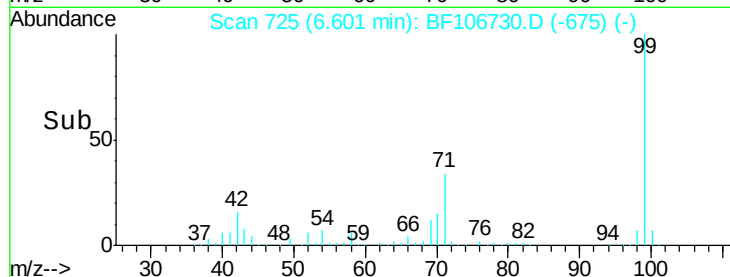
71 34.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.598 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106730.D

Acq: 23 Jun 2018 1:00

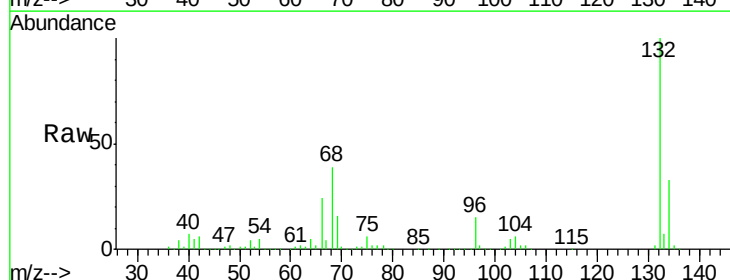
Tgt Ion: 77 Resp: 8011

Ion Ratio Lower Upper

77 100

105 86.0 81.1 121.1

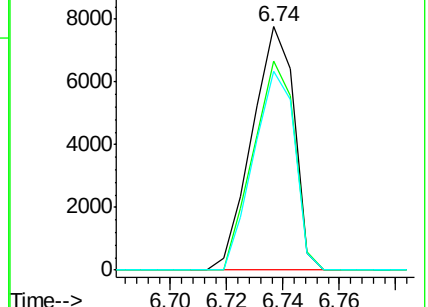
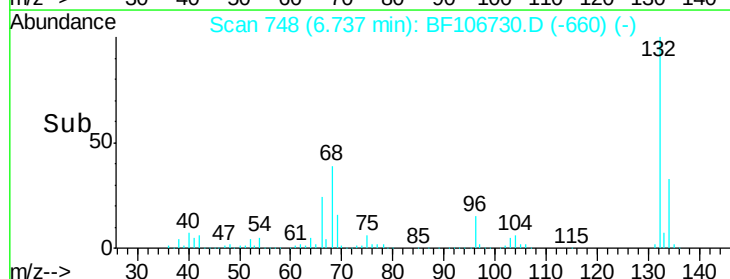
106 81.6 74.5 114.5

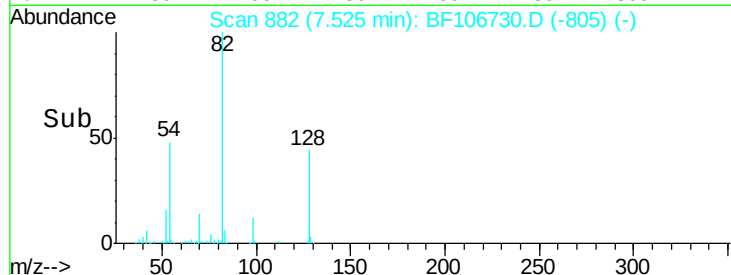
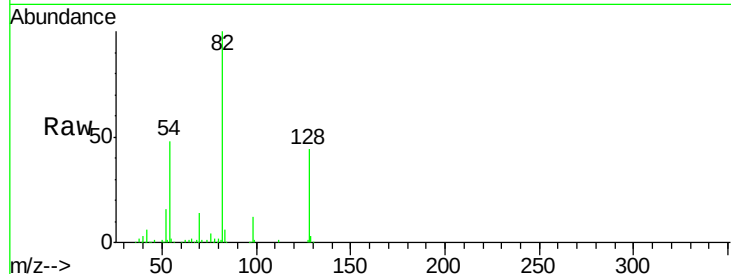
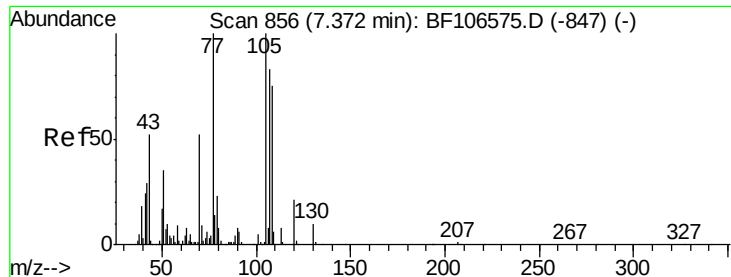


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

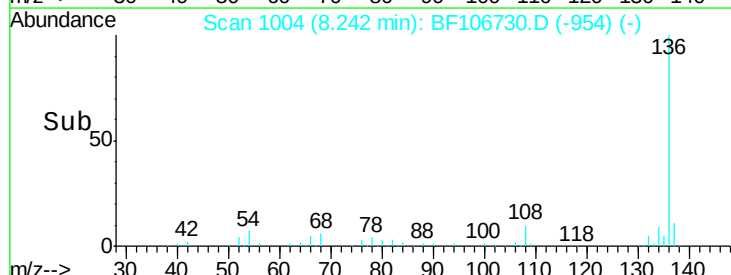
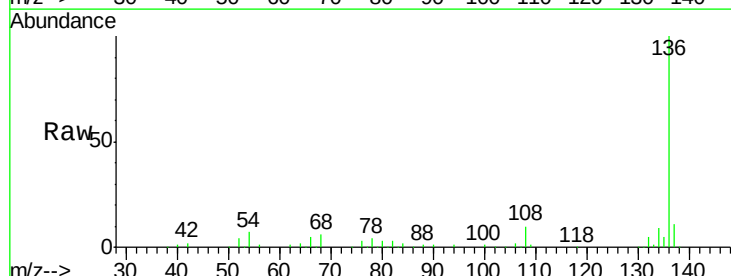
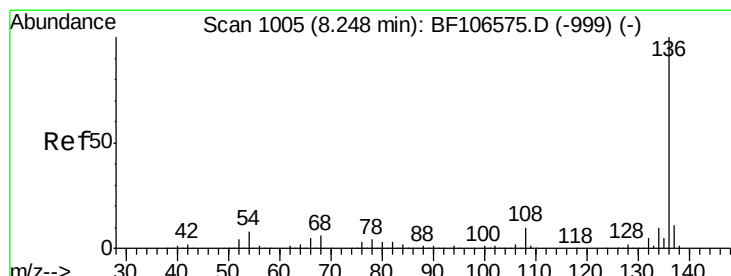
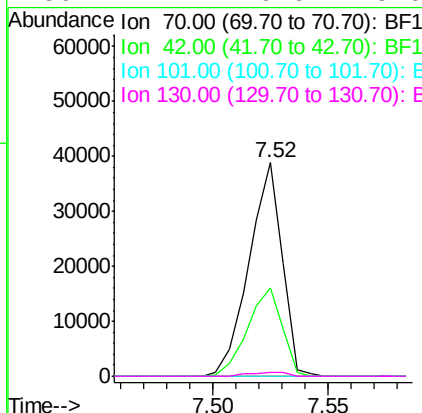




#19
n-Nitroso-di-n-propylamine
Concen: 16.106 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

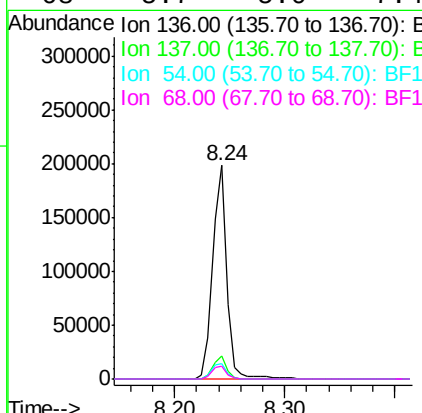
Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

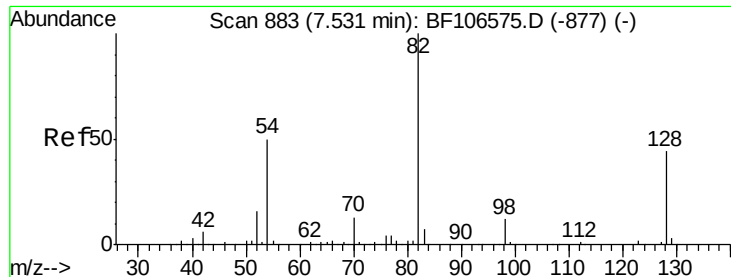
Tgt Ion: 70 Resp: 38799
Ion Ratio Lower Upper
70 100
42 41.3 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Tgt Ion: 136 Resp: 172443
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.2 6.6 9.8
68 5.7 5.0 7.4

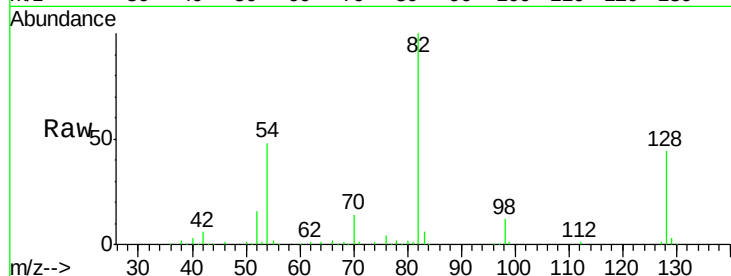




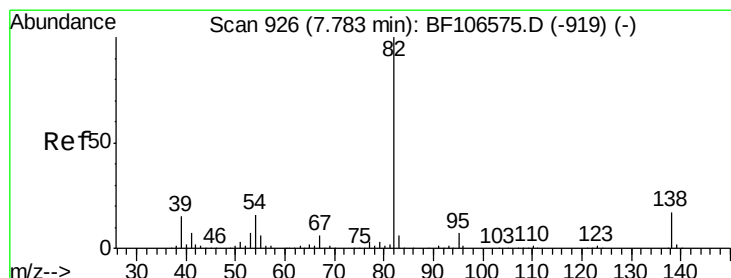
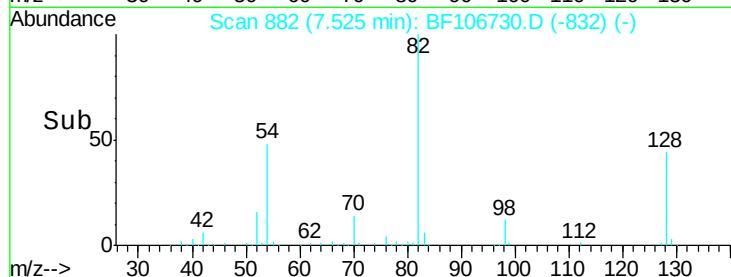
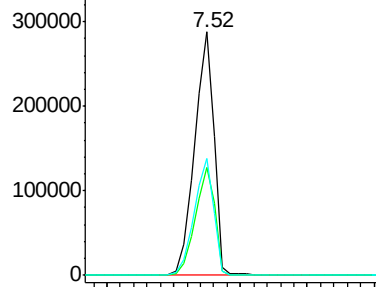
#23
Nitrobenzene-d5
Concen: 95.800 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.2	41.4	62.2

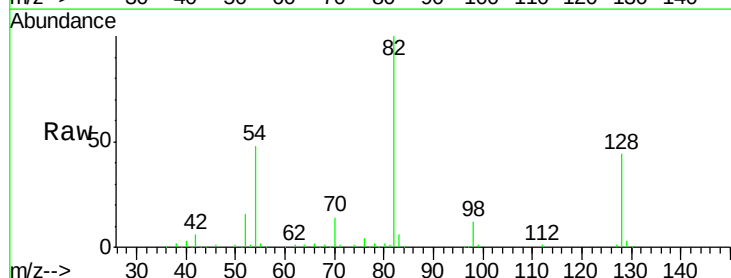


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

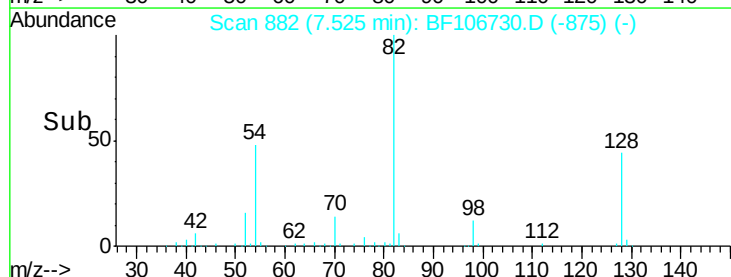
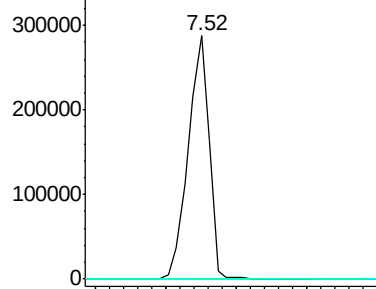


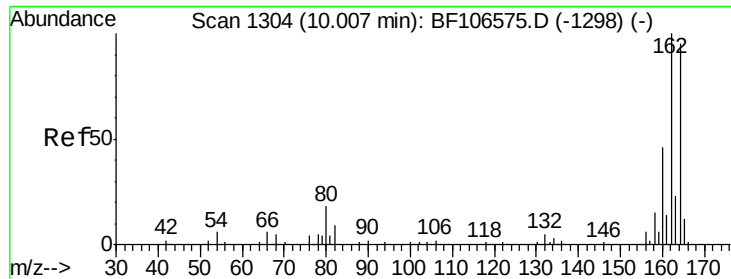
#25
Isophorone
Concen: 54.365 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Tgt 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# 1303

Delta R.T. -0.01 min

Lab File: BF106730.D

Acq: 23 Jun 2018 1:00

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP

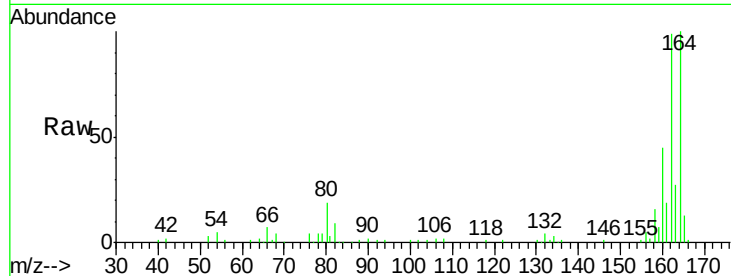
Tgt Ion:164 Resp: 71688

Ion Ratio Lower Upper

164 100

162 99.4 86.1 129.1

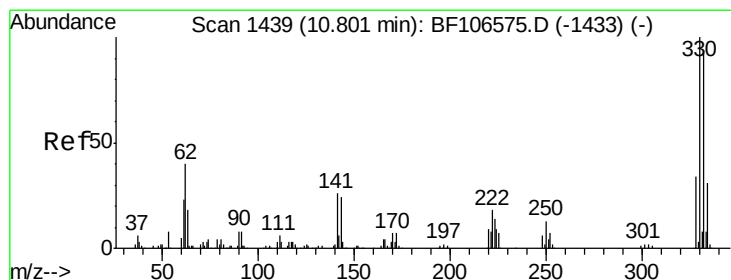
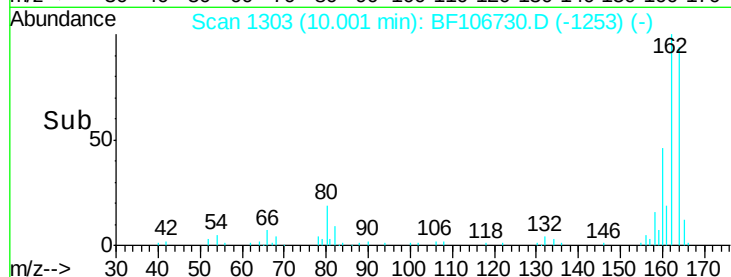
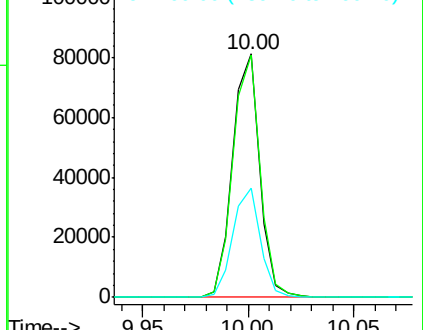
160 45.1 38.3 57.5



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: 138.450 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106730.D

Acq: 23 Jun 2018 1:00

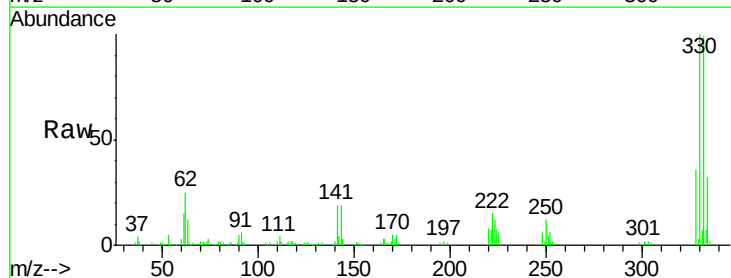
Tgt Ion:330 Resp: 115036

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

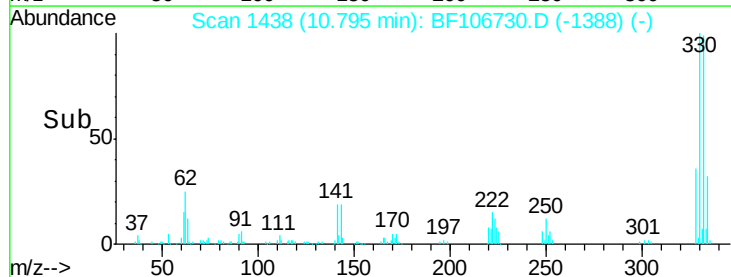
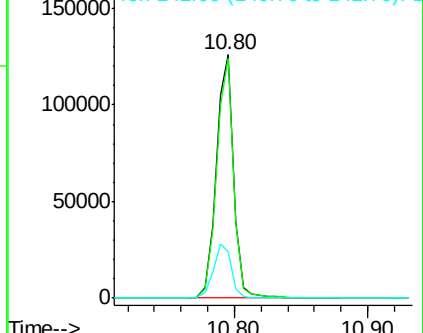
141 23.1 29.9 44.9#

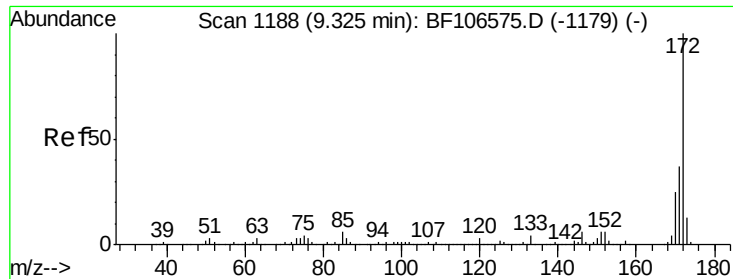


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

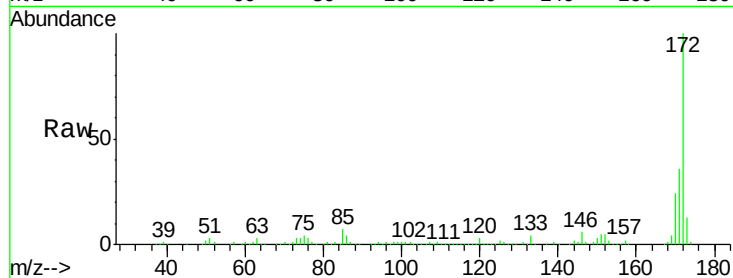




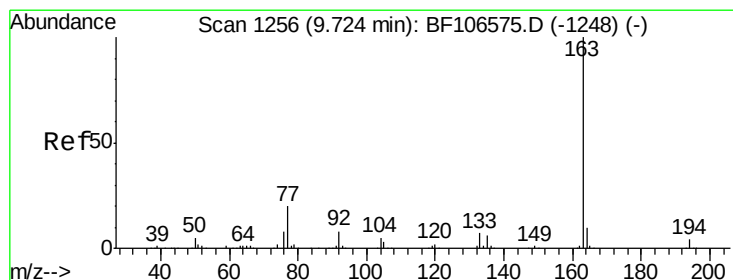
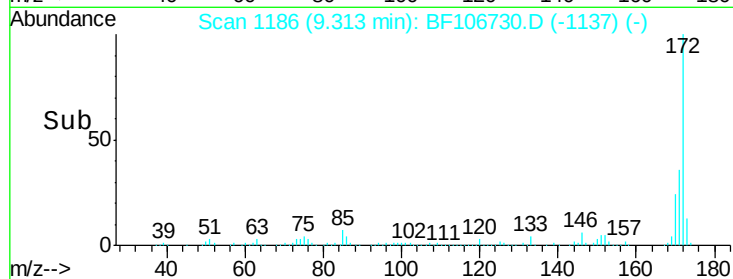
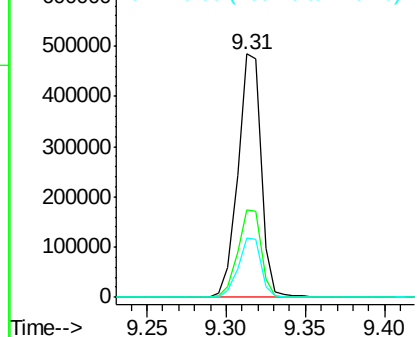
#44
2-Fluorobiphenyl
Concen: 122.709 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tgt Ion:172 Resp: 491996
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 19.6 29.4

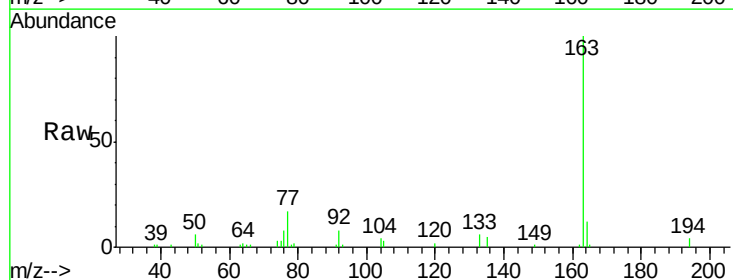


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

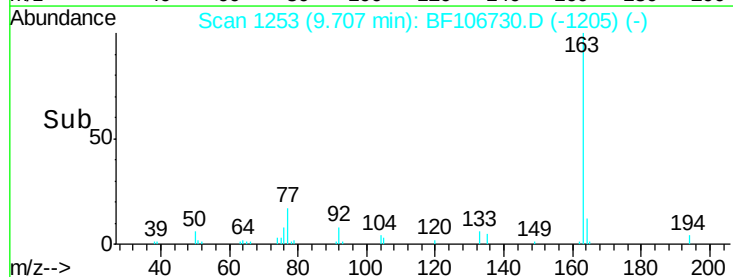
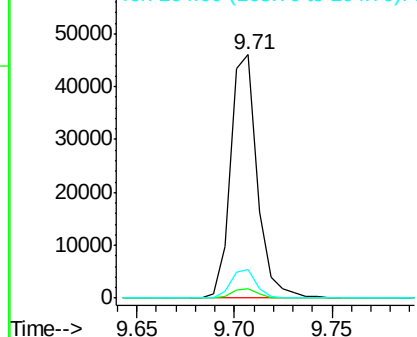


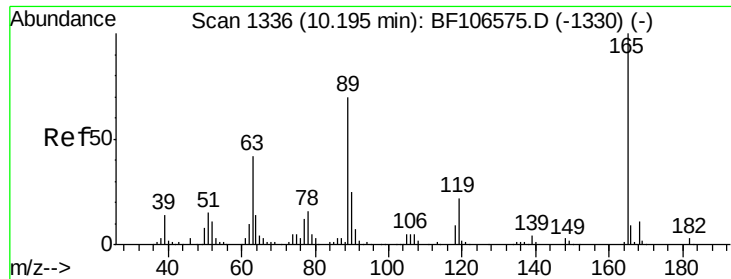
#49
Dimethylphthalate
Concen: 8.137 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Tgt Ion:163 Resp: 43750
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.7 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

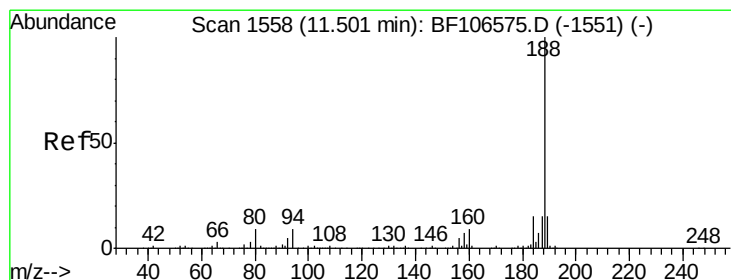
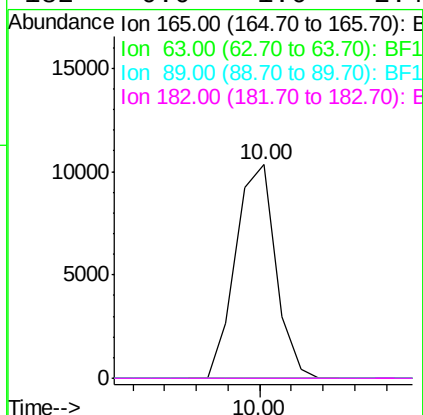
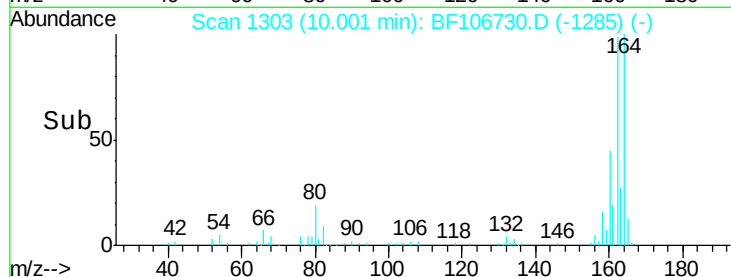
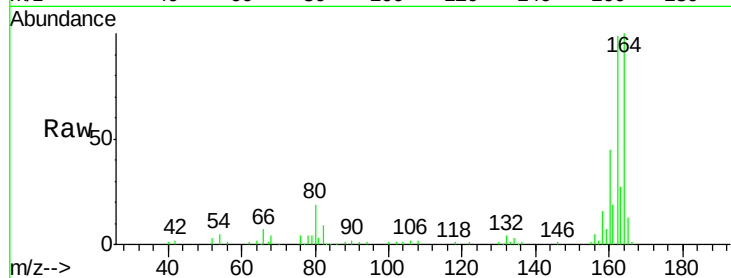




#56
2,4-Dinitrotoluene
Concen: 6.095 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

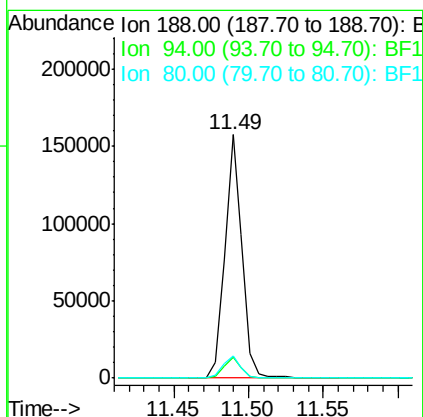
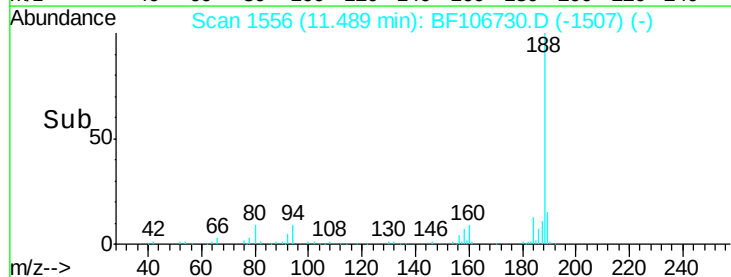
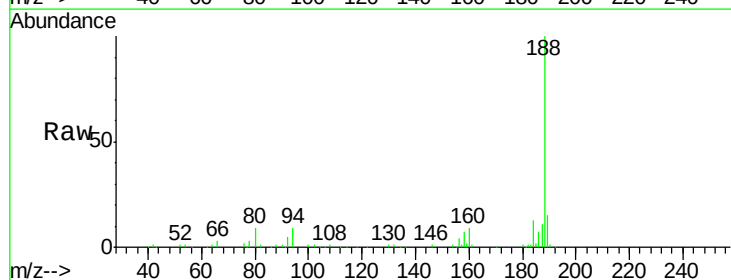
Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

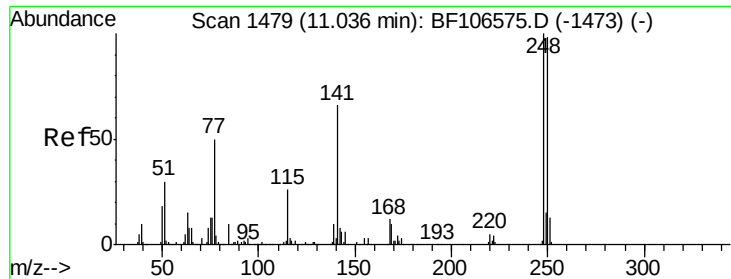
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.3	9.2	13.8

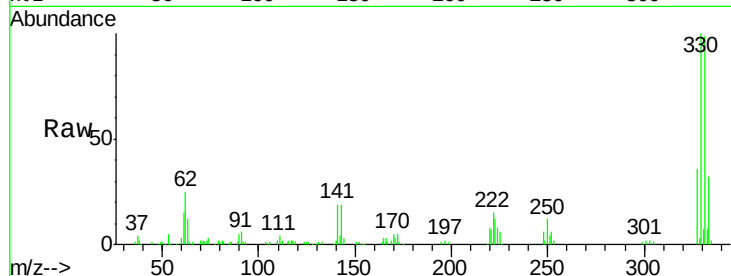




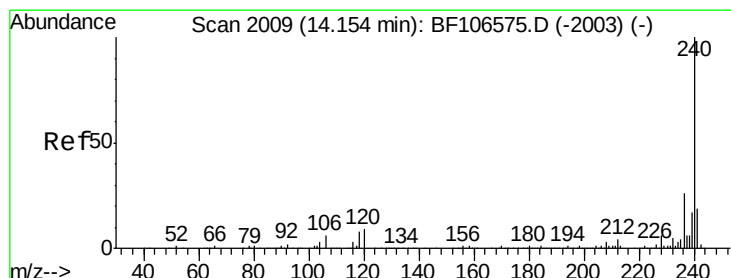
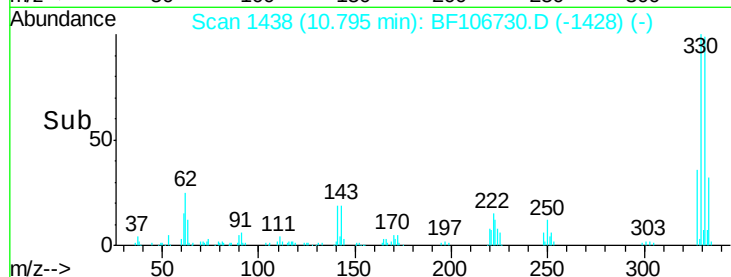
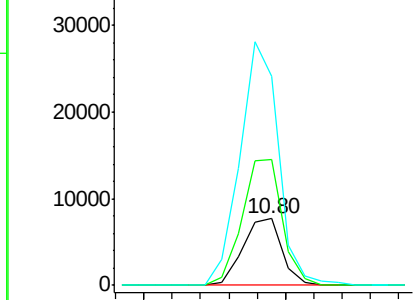
#66
4-Bromophenyl-phenylether
Concen: 4.822 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tgt Ion:248 Resp: 7334
Ion Ratio Lower Upper
248 100
250 190.1 76.9 115.3#
141 314.2 74.4 111.6#

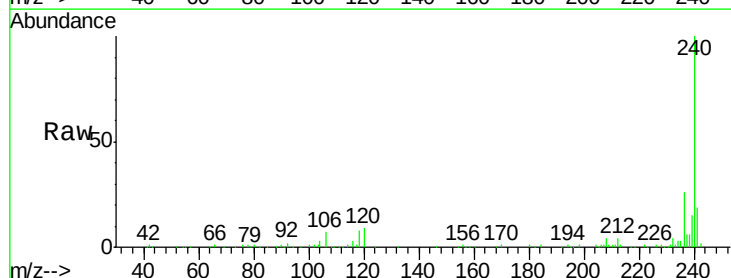


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

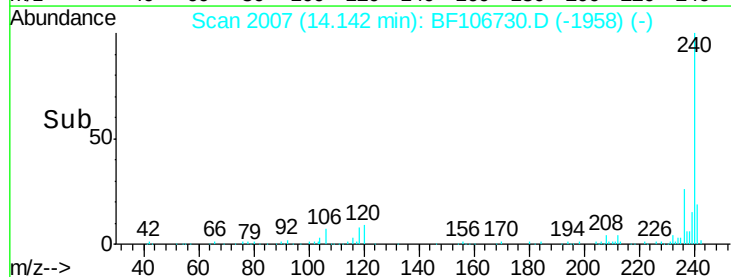
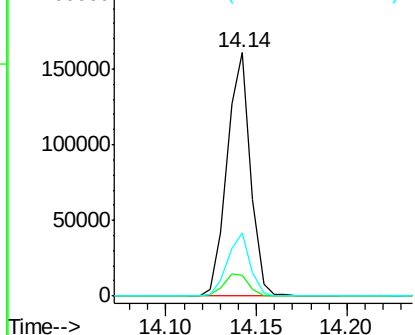


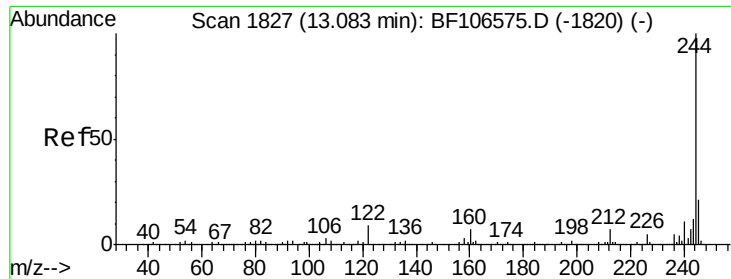
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Tgt Ion:240 Resp: 144420
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.7 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

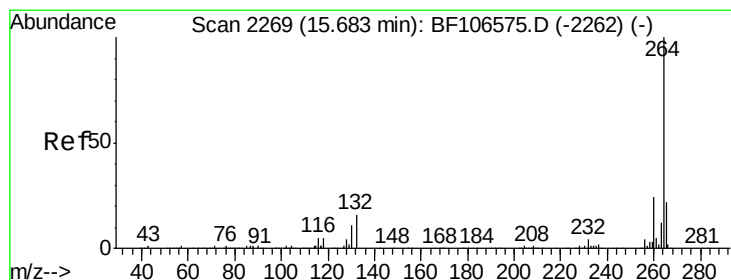
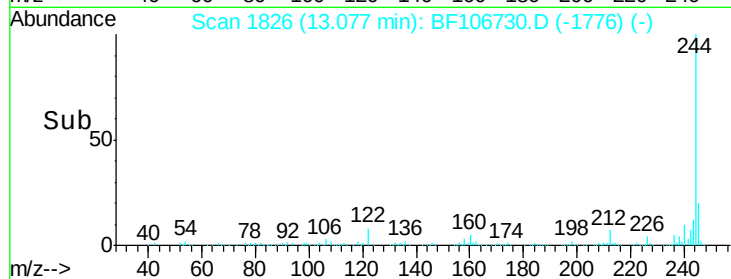
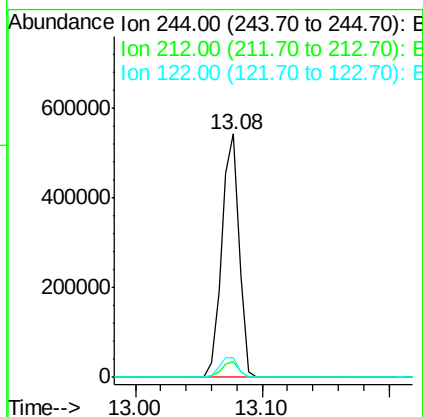
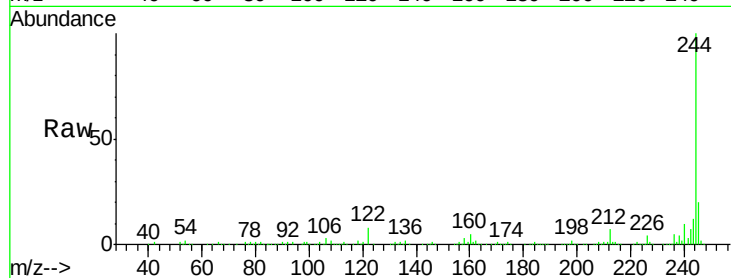




#78
Terphenyl-d14
Concen: 87.041 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tgt Ion:	244	Resp:	518946
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	8.3	11.0	16.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106730.D
Acq: 23 Jun 2018 1:00

Tgt Ion:	264	Resp:	127746
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

