

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106993.D
 Acq On : 30 Jun 2018 00:40
 Operator : JU/SJ
 Sample : J3693-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Quant Time: Jun 30 01:50:07 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 29 14:38:29 2018
 Response via : Initial Calibration

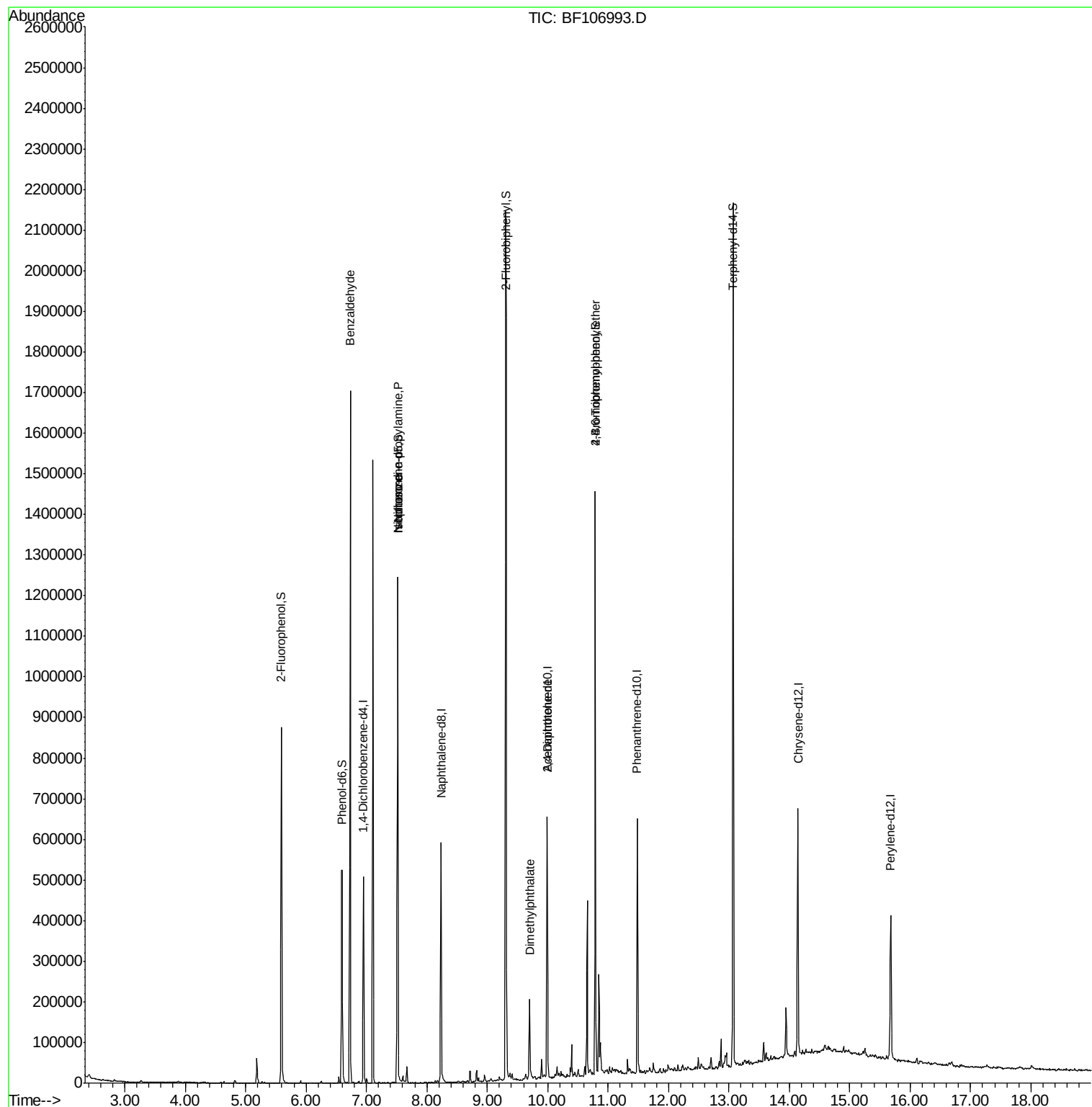
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77995	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	293621	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	136761	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	237589	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	223493	20.00	ng	-0.02
86) Perylene-d12	15.68	264	187547	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	262199	56.92	ng	-0.01
7) Phenol-d6	6.60	99	197098	34.27	ng	-0.02
23) Nitrobenzene-d5	7.52	82	450132	85.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	214232	135.15	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	764607	96.65	ng	-0.02
78) Terphenyl-d14	13.07	244	800057	86.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	10377	2.149	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.52	70	59087	15.584	ng	# 73
25) Isophorone	7.52	82	450128	48.348	ng	# 64
49) Dimethylphthalate	9.70	163	81254	7.922	ng	99
56) 2,4-Dinitrotoluene	9.99	165	17757	6.263	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	12670	4.468	ng	# 1

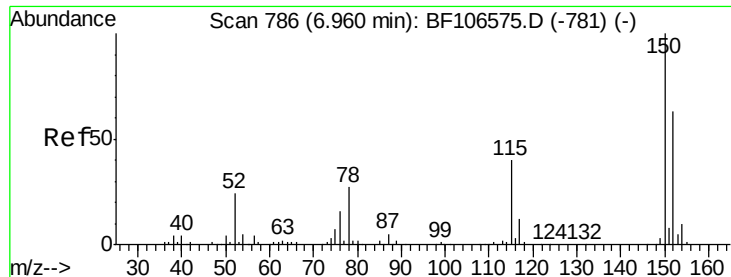
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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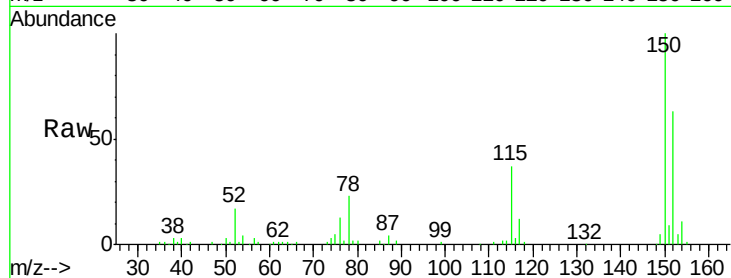


#1

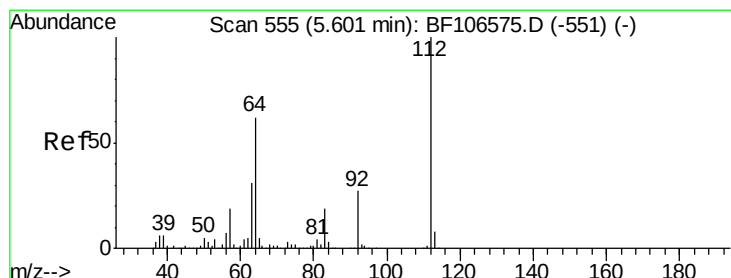
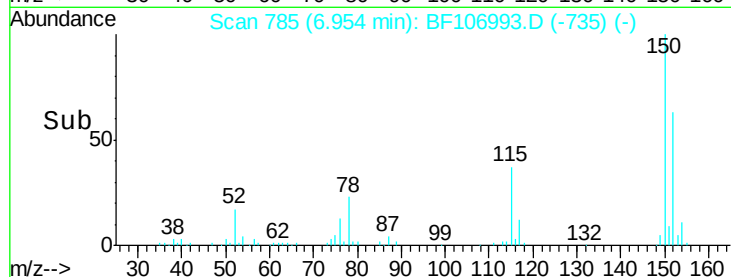
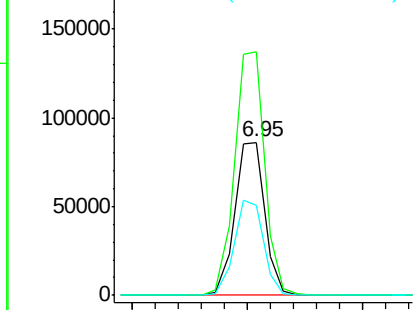
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:152 Resp: 77995
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 58.9 50.1 75.1



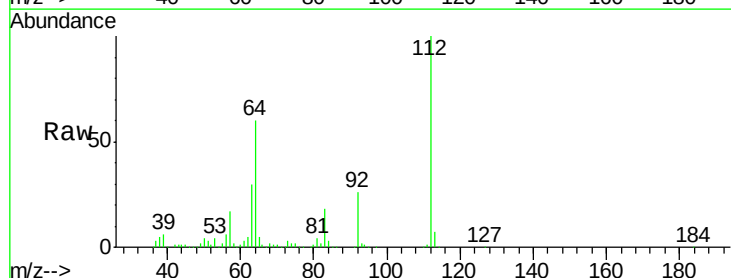
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



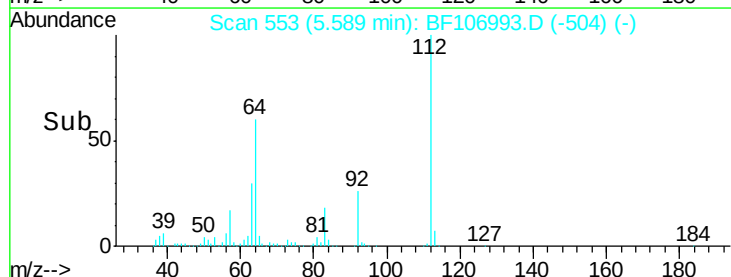
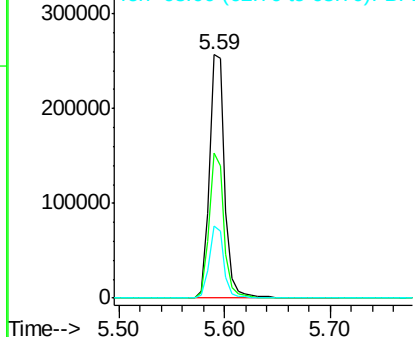
#5

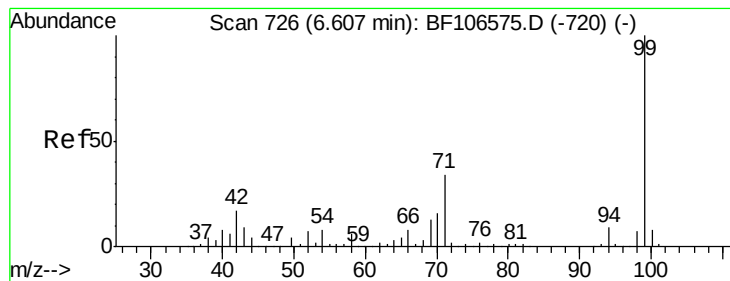
2-Fluorophenol
Concen: 56.925 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Tgt Ion:112 Resp: 262199
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 29.7 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: 34.266 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106993.D

Acq: 30 Jun 2018 00:40

Instrument :

BNA_F

ClientSampled :

W-41

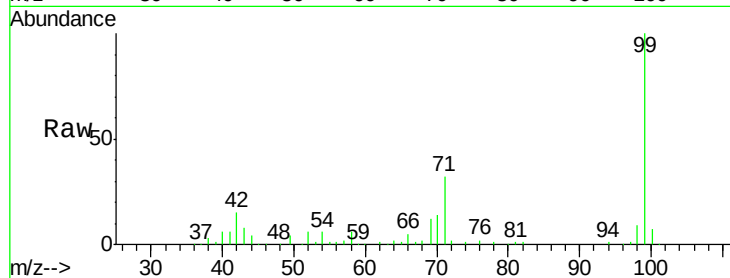
Tgt Ion: 99 Resp: 197098

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

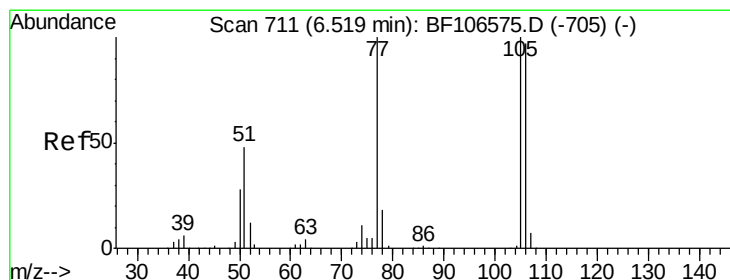
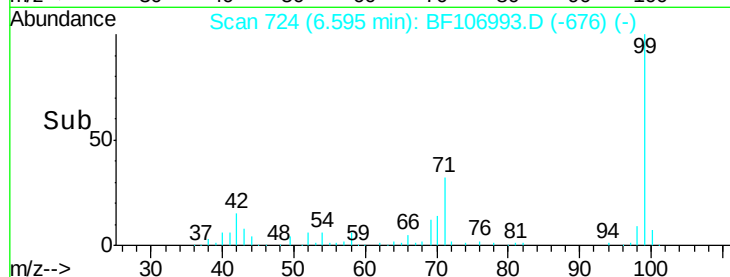
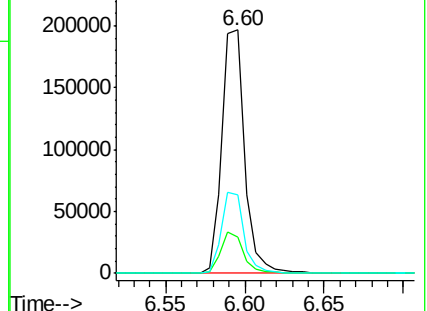
71 32.3 25.4 38.0



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: 2.149 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106993.D

Acq: 30 Jun 2018 00:40

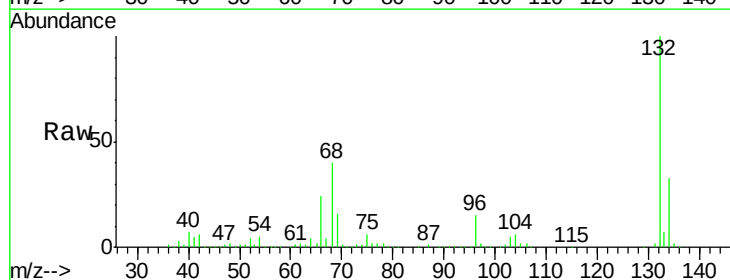
Tgt Ion: 77 Resp: 10377

Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

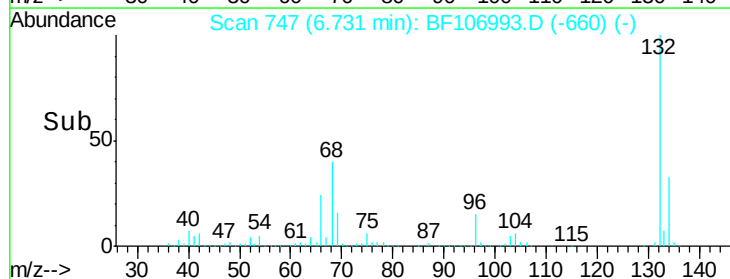
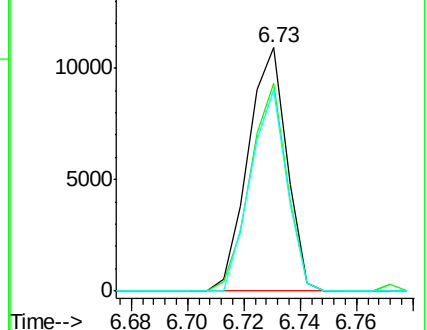
106 83.0 74.5 114.5

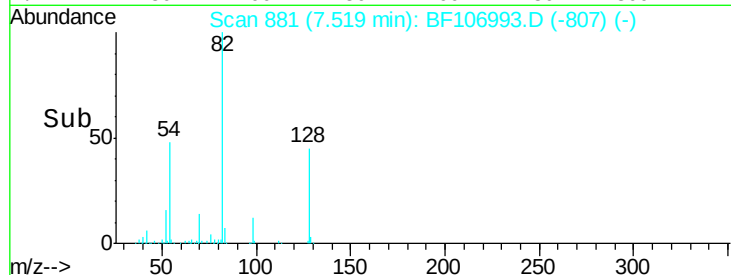
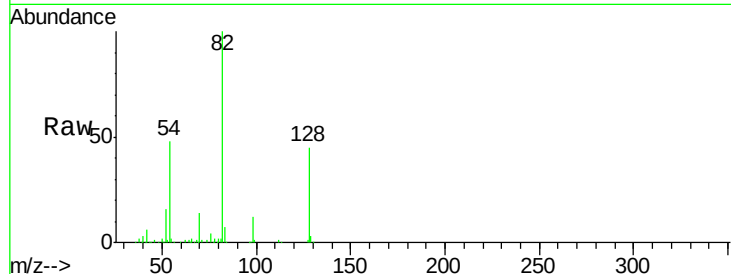
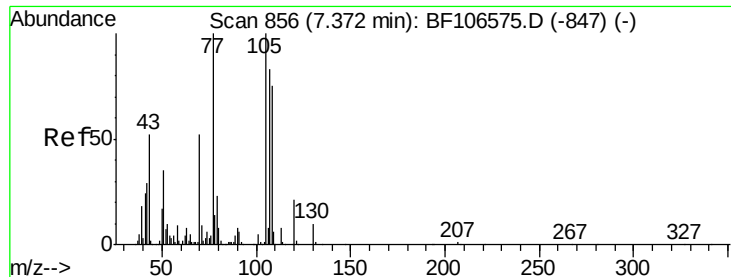


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

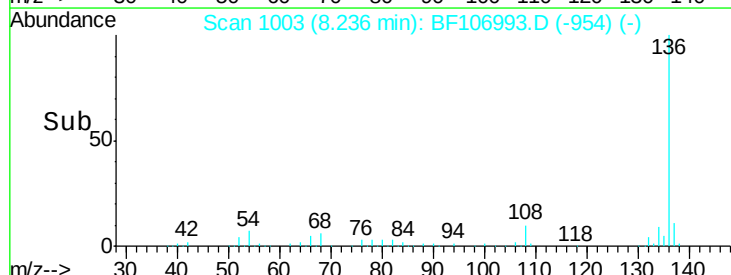
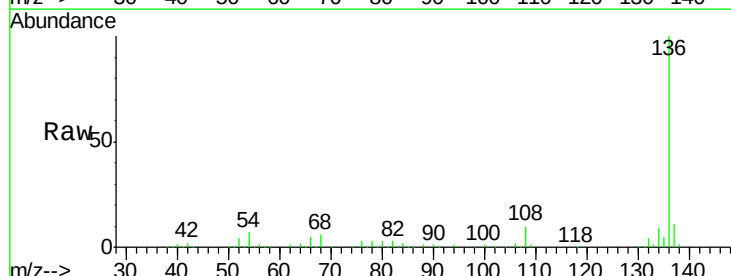
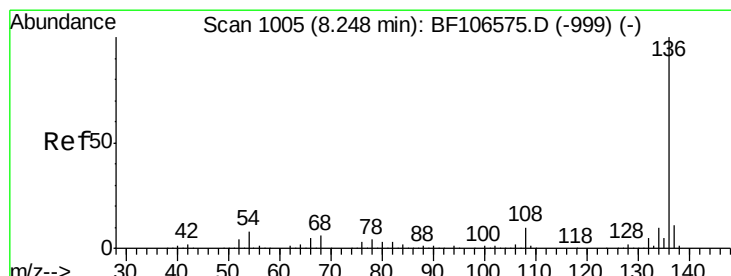
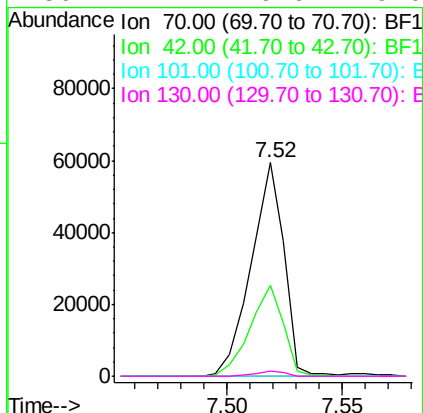




#19
n-Nitroso-di-n-propylamine
Concen: 15.584 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

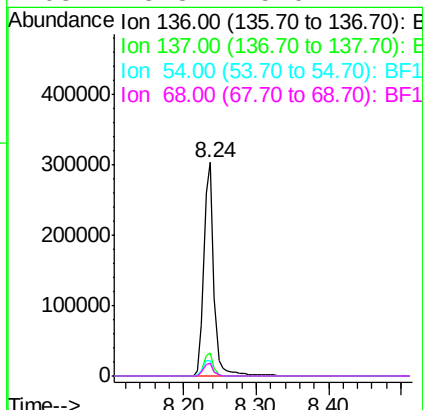
Instrument :
BNA_F
ClientSampleId :
W-41

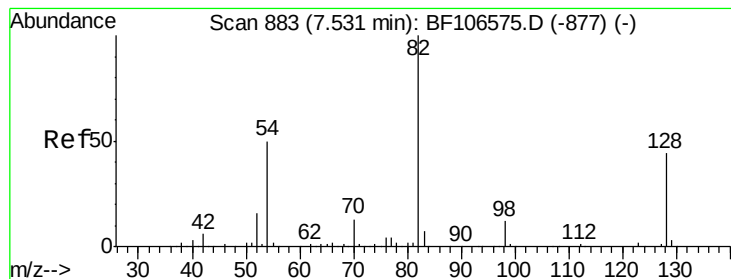
Tgt Ion: 70 Resp: 59087
Ion Ratio Lower Upper
70 100
42 42.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Tgt Ion: 136 Resp: 293621
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.1 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.196 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106993.D

Acq: 30 Jun 2018 00:40

Instrument :

BNA_F

ClientSampled :

W-41

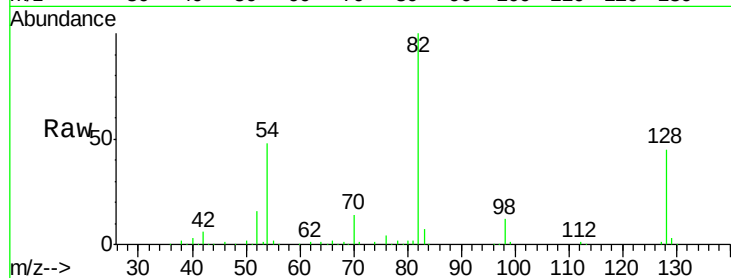
Tgt Ion: 82 Resp: 450132

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

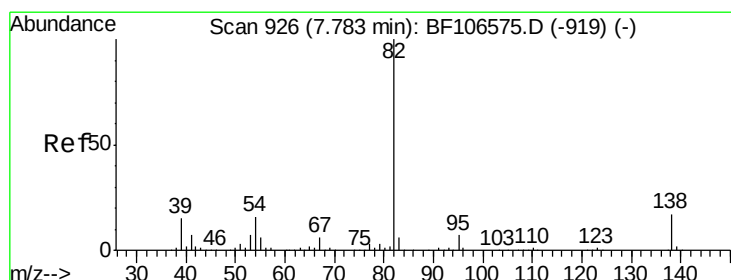
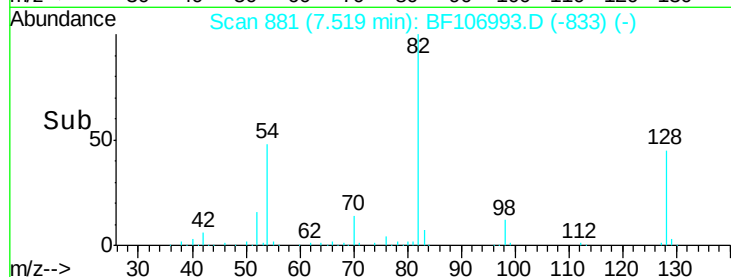
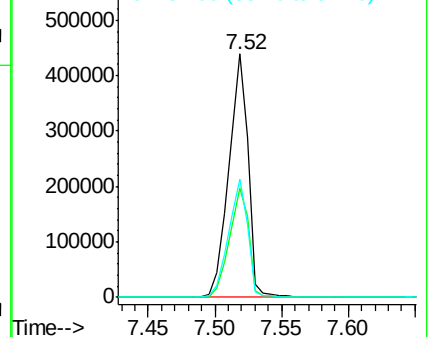
54 48.5 41.4 62.2



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: 48.348 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106993.D

Acq: 30 Jun 2018 00:40

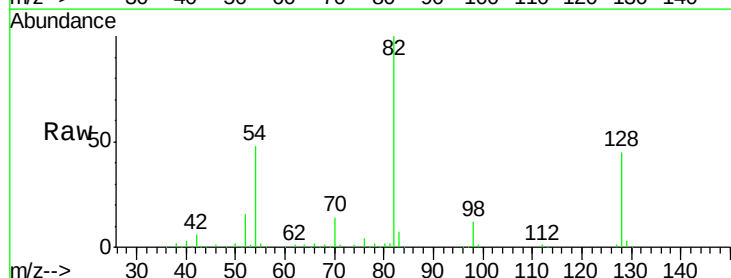
Tgt Ion: 82 Resp: 450128

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

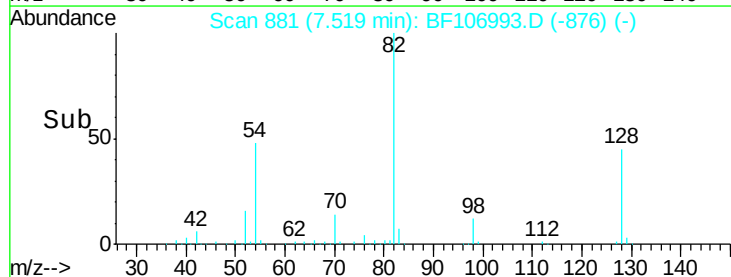
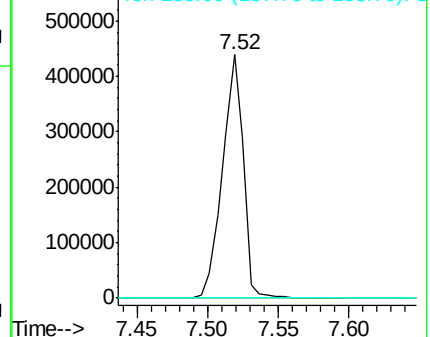
138 0.0 14.9 22.3#

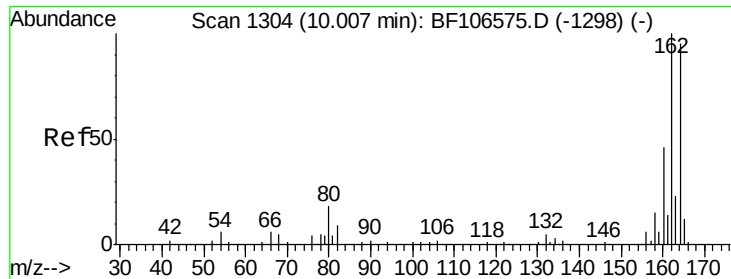


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

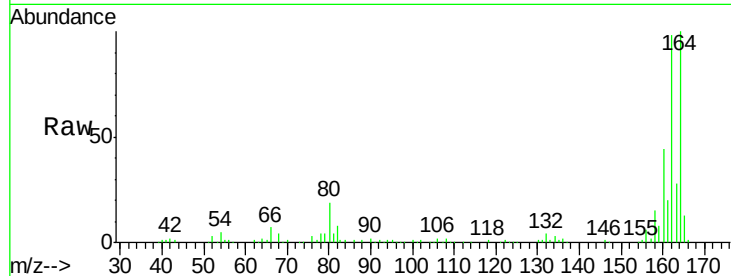




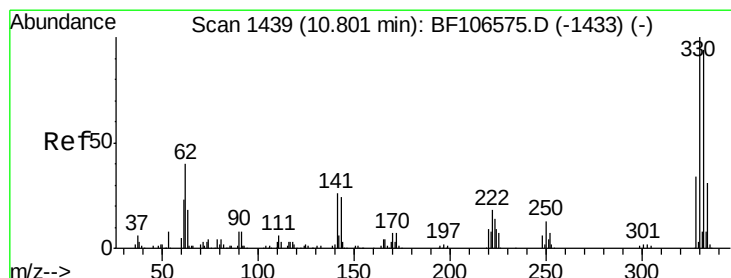
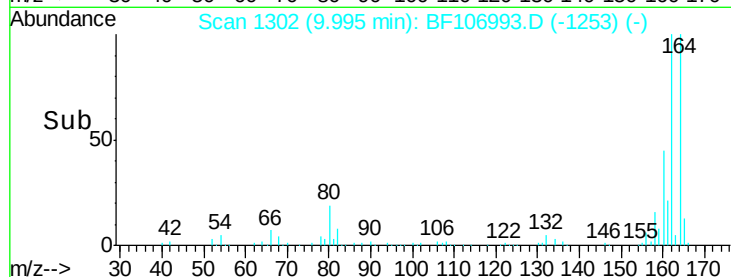
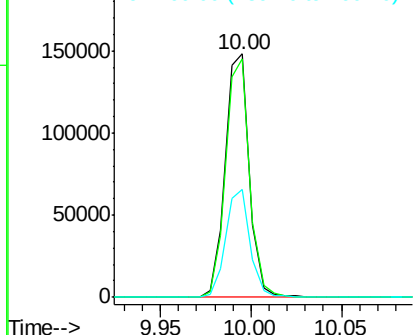
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:164 Resp: 136761
Ion Ratio Lower Upper
164 100
162 97.8 86.1 129.1
160 44.2 38.3 57.5

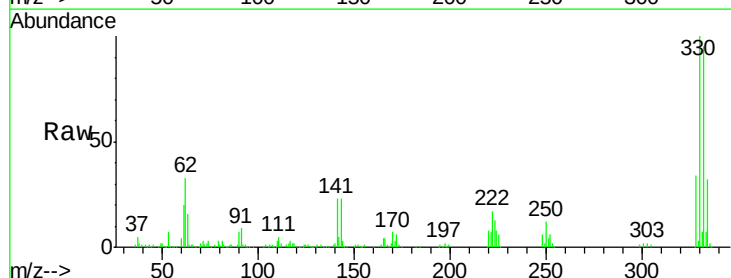


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

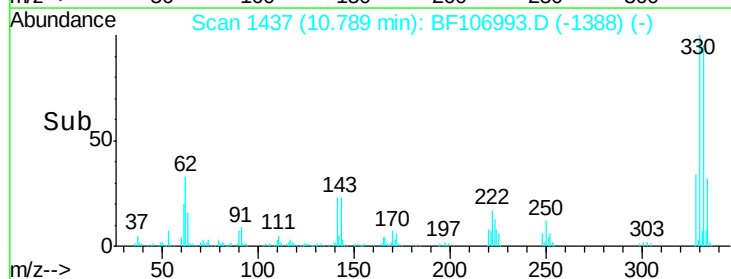
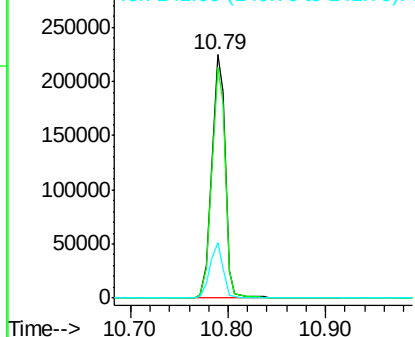


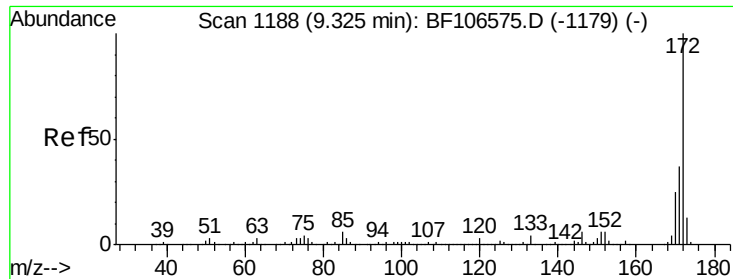
#41
2,4,6-Tribromophenol
Concen: 135.154 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Tgt Ion:330 Resp: 214232
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 22.5 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

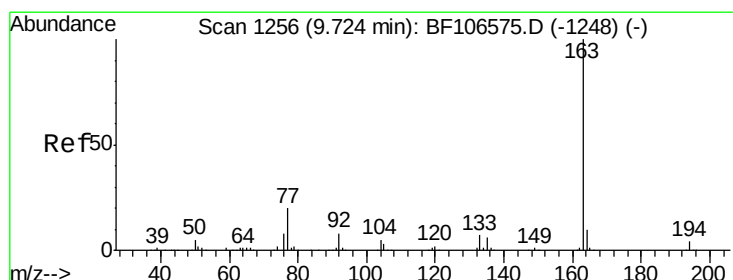
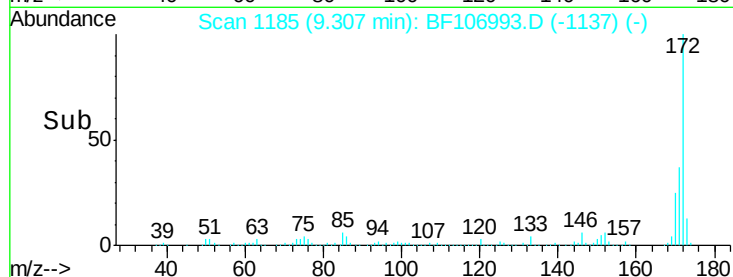
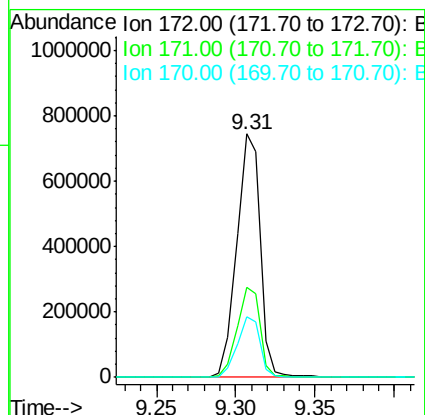
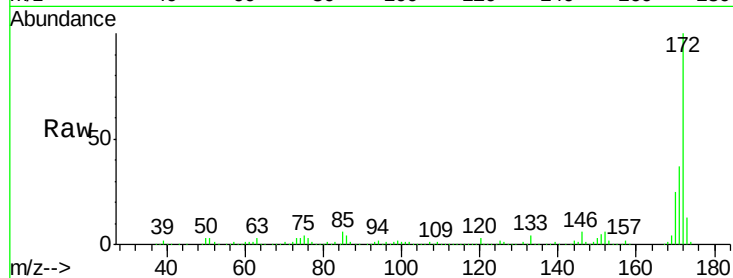




#44
2-Fluorobiphenyl
Concen: 96.654 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

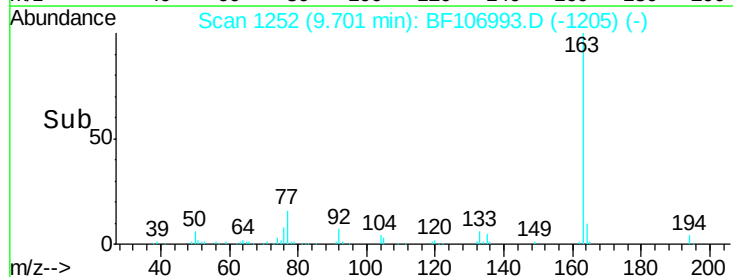
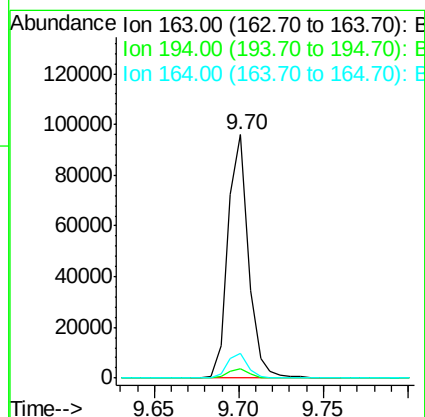
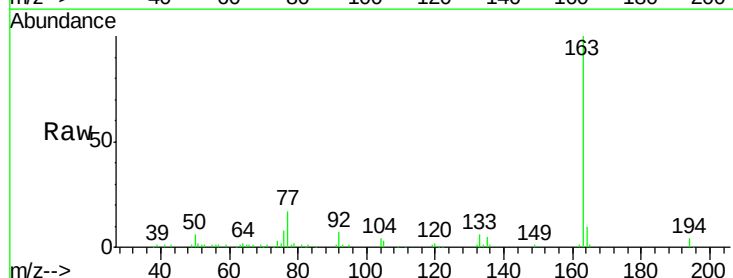
Instrument :
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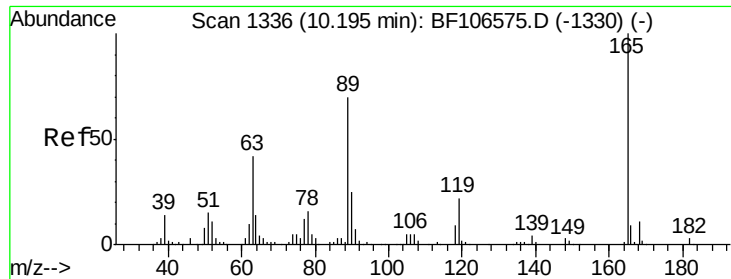
Tgt Ion:172 Resp: 764607
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.6 19.6 29.4



#49
Dimethylphthalate
Concen: 7.922 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Tgt Ion:163 Resp: 81254
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.3 8.2 12.2

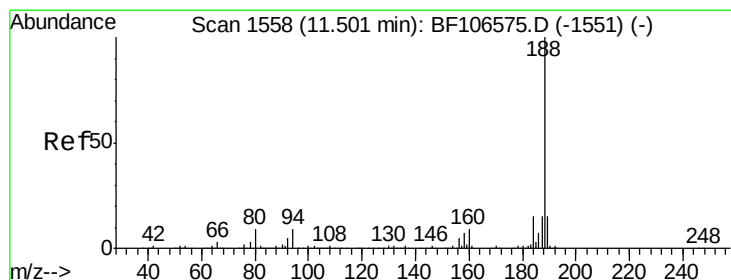
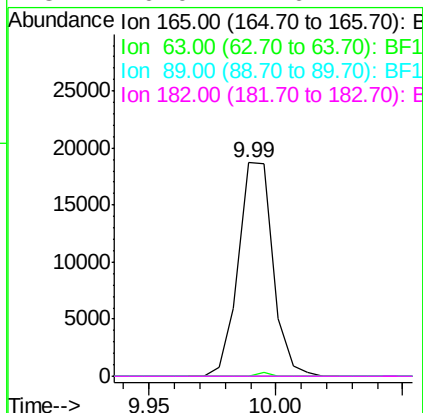
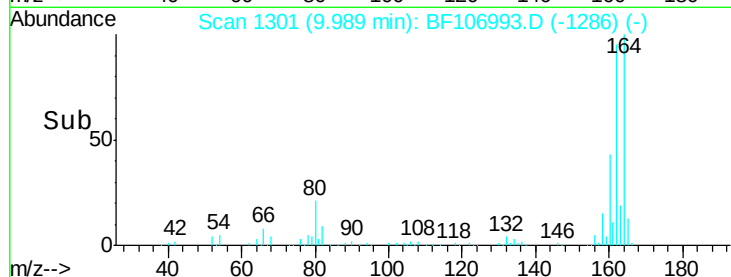
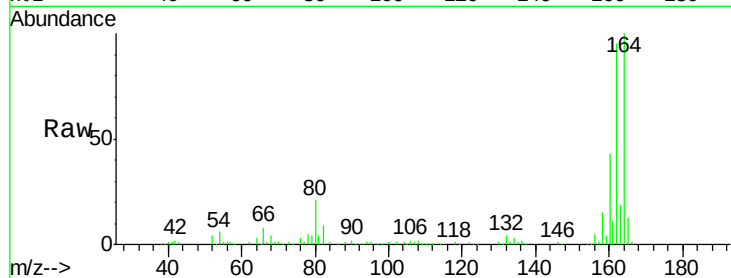




#56
 2,4-Dinitrotoluene
 Concen: 6.263 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF106993.D
 Acq: 30 Jun 2018 00:40

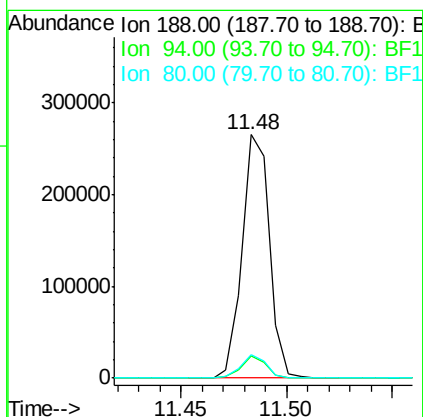
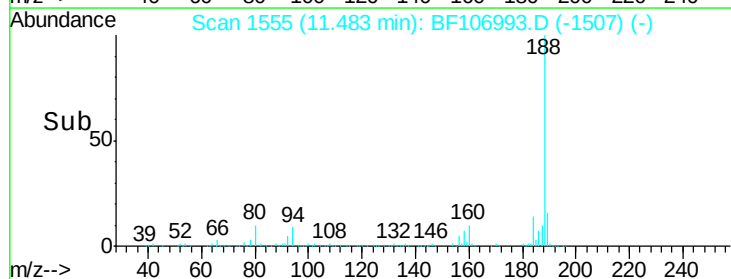
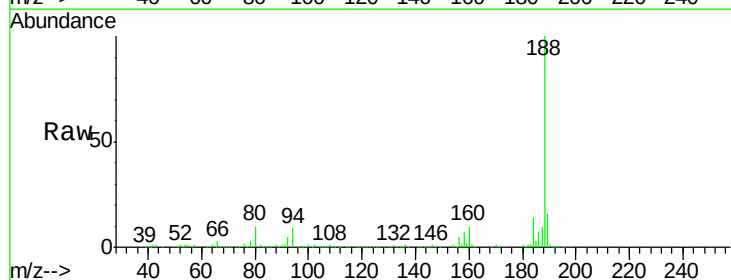
Instrument :
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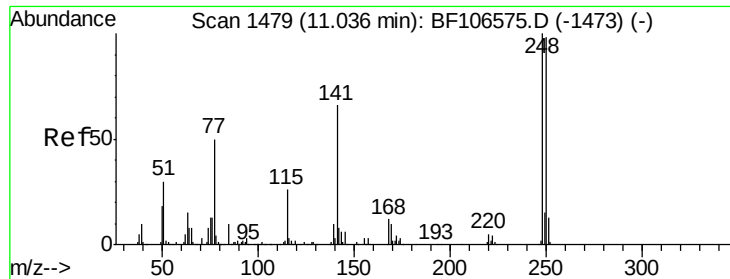
Tgt Ion:	165	Resp:	17757
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF106993.D
 Acq: 30 Jun 2018 00:40

Tgt Ion:	188	Resp:	237589
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8

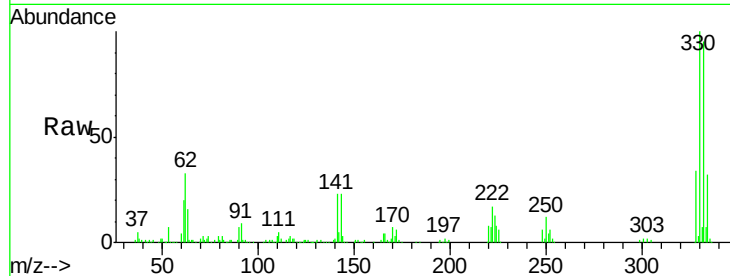




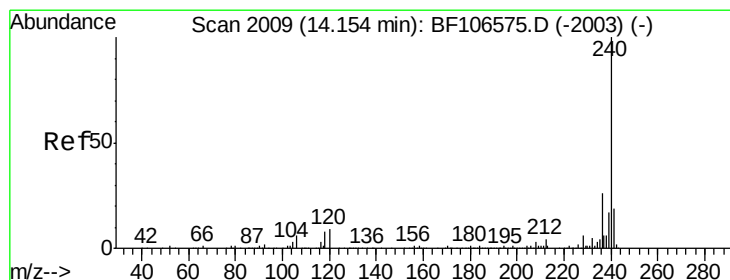
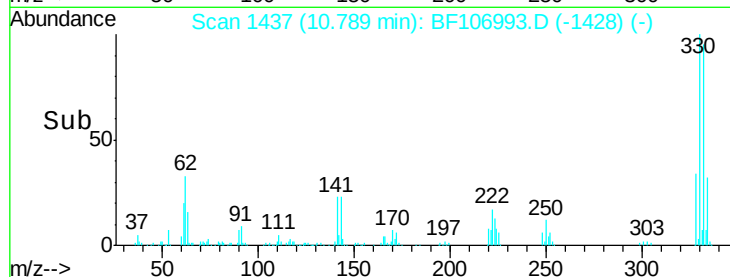
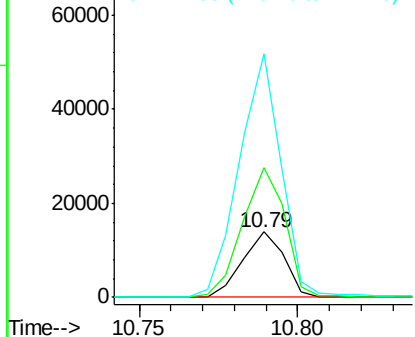
#66
4-Bromophenyl-phenylether
Concen: 4.468 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:248 Resp: 12670
Ion Ratio Lower Upper
248 100
250 198.5 76.9 115.3#
141 371.7 74.4 111.6#

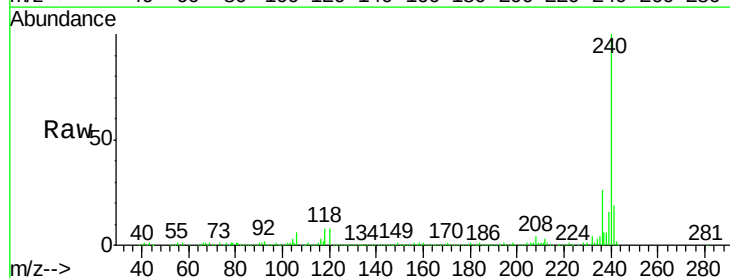


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

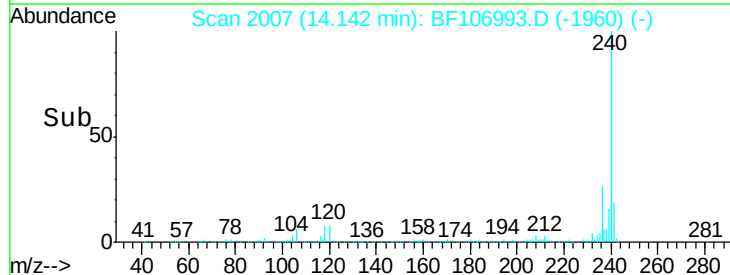
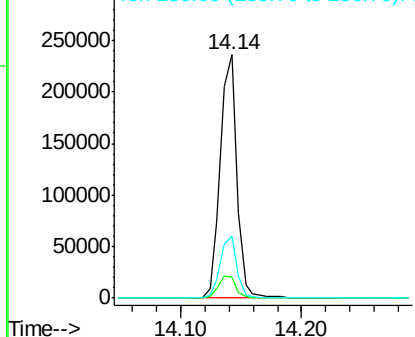


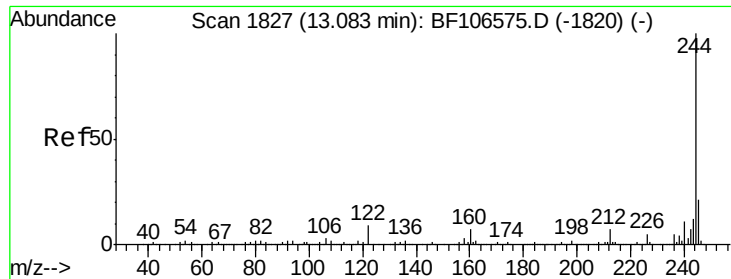
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106993.D
Acq: 30 Jun 2018 00:40

Tgt Ion:240 Resp: 223493
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 25.5 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: 86.713 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106993.D

Acq: 30 Jun 2018 00:40

Instrument :

BNA_F

ClientSampled :

W-41

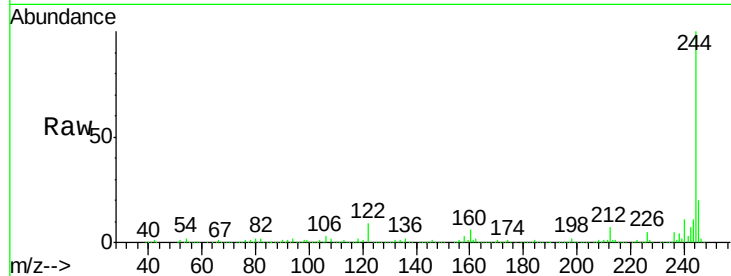
Tgt Ion:244 Resp: 800057

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

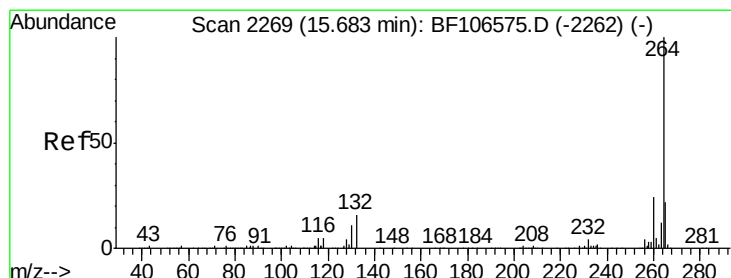
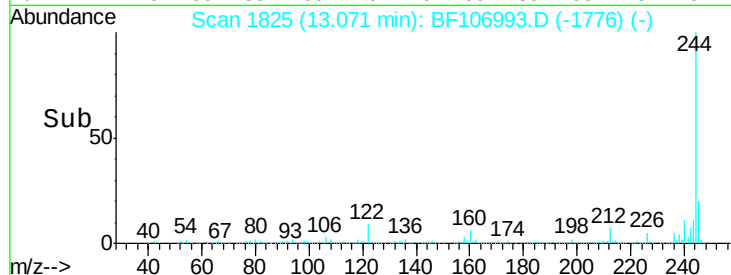
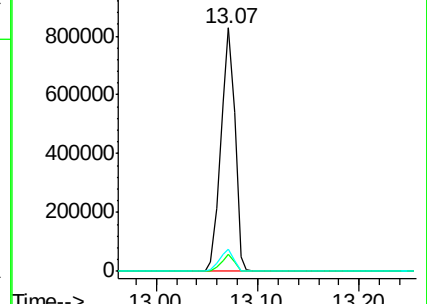
122 9.3 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106993.D

Acq: 30 Jun 2018 00:40

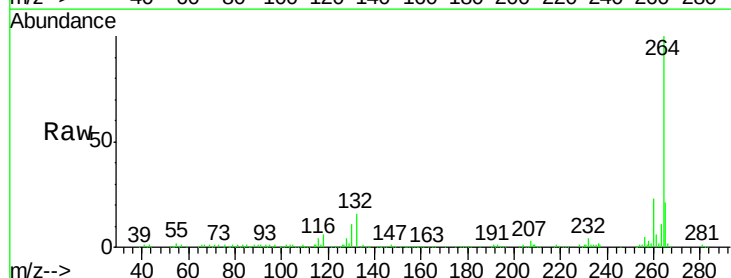
Tgt Ion:264 Resp: 187547

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

