

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107114.D
 Acq On : 4 Jul 2018 6:39
 Operator : JU/SJ
 Sample : J3804-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 07:01:02 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

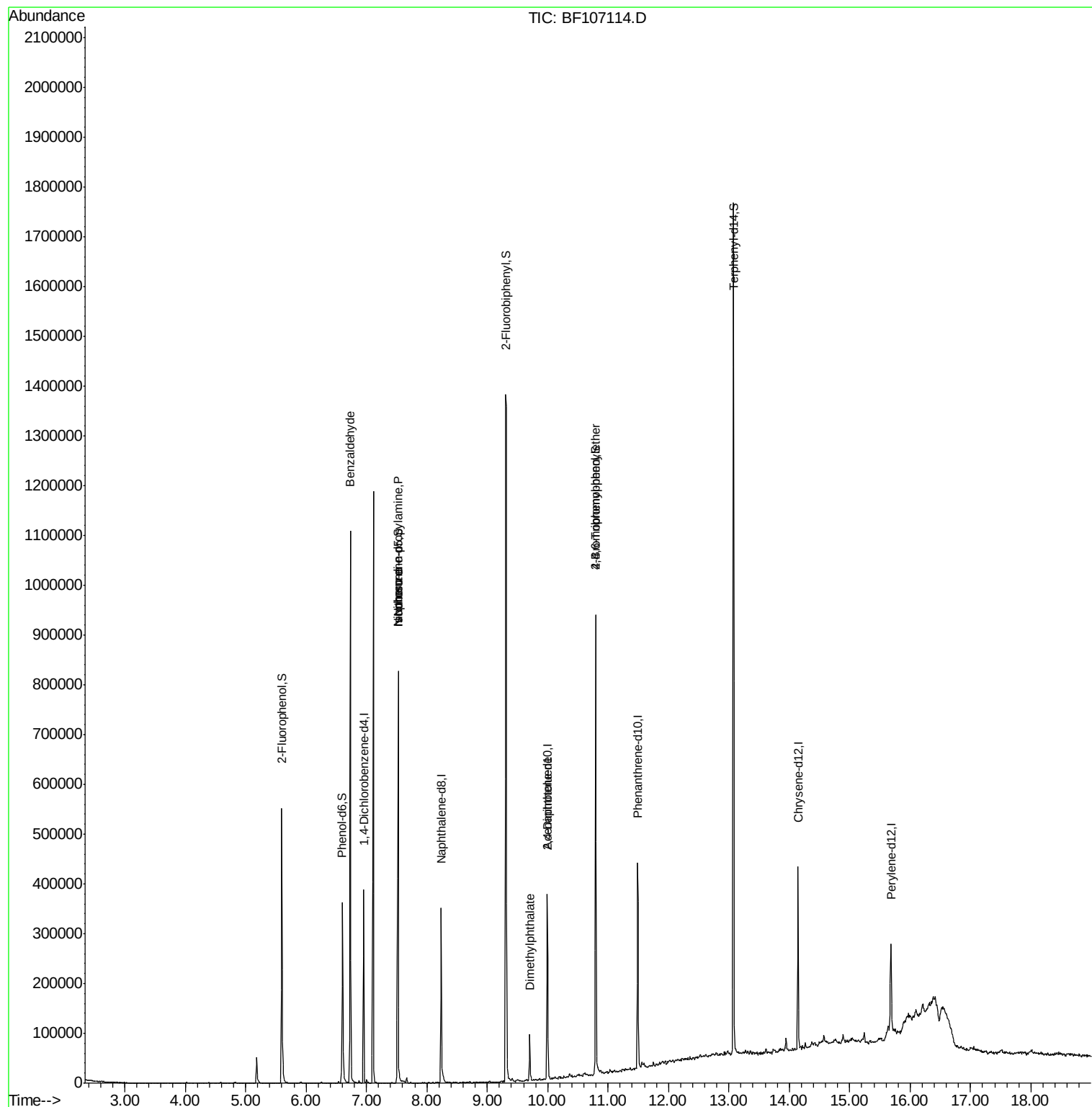
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53596	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	178332	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	78265	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	162031	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	133575	20.00	ng	-0.02
86) Perylene-d12	15.68	264	97722	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	182777	57.75	ng	0.00
7) Phenol-d6	6.60	99	127804	32.33	ng	-0.01
23) Nitrobenzene-d5	7.52	82	300739	93.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	140870	155.29	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	518131	117.74	ng	-0.01
78) Terphenyl-d14	13.08	244	664964	120.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	6866	2.072	ng	91
19) n-Nitroso-di-n-propylamine	7.52	70	39180	15.038	ng	# 72
25) Isophorone	7.52	82	300736	53.184	ng	# 64
49) Dimethylphthalate	9.70	163	43264	7.370	ng	97
56) 2,4-Dinitrotoluene	10.00	165	10369	6.391	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8861	4.582	ng	# 1

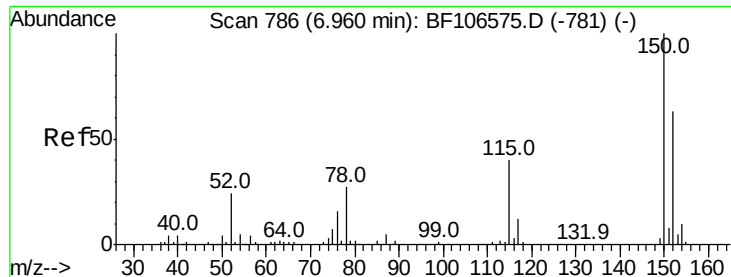
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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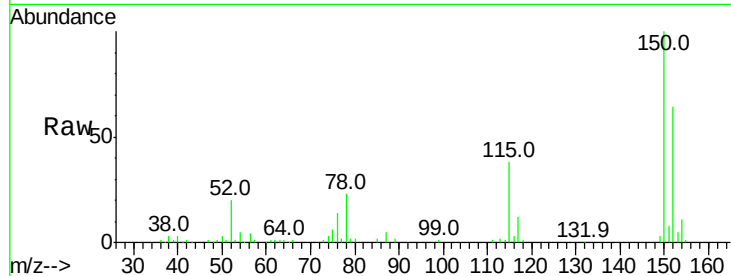


#1

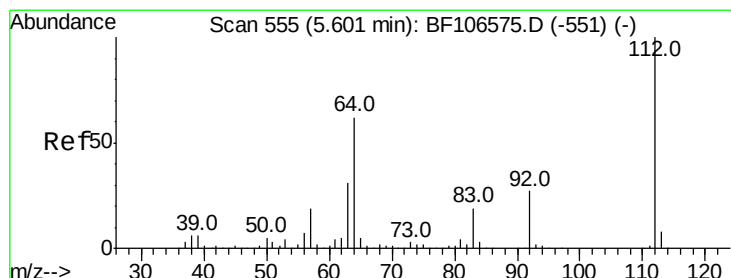
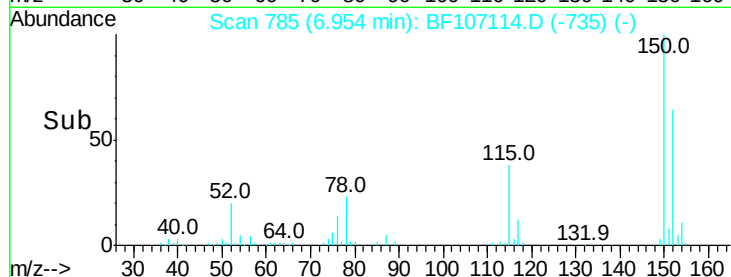
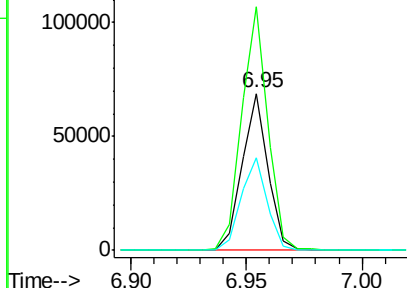
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 53596
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 59.3 50.1 75.1



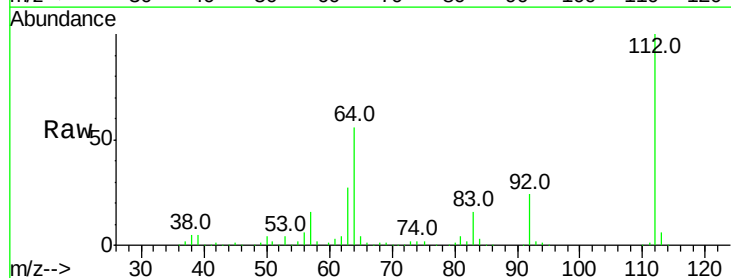
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



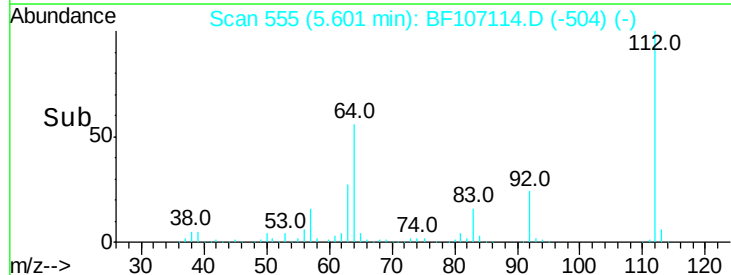
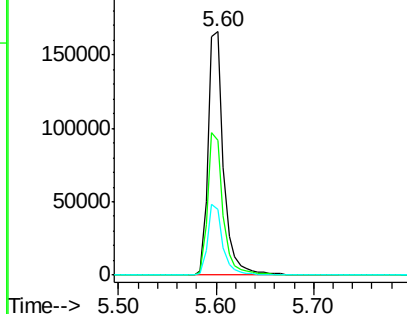
#5

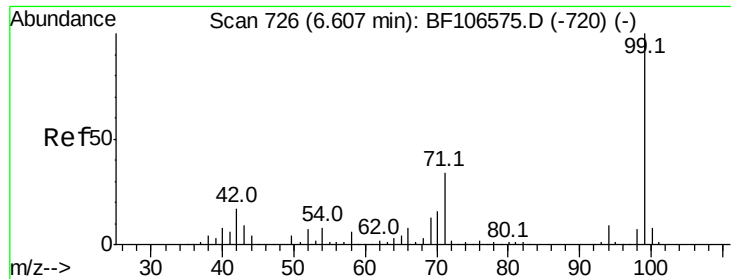
2-Fluorophenol
Concen: 57.747 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Tgt Ion:112 Resp: 182777
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.0 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: 32.334 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107114.D

Acq: 4 Jul 2018 6:39

Instrument :

BNA_F

ClientSampleId :

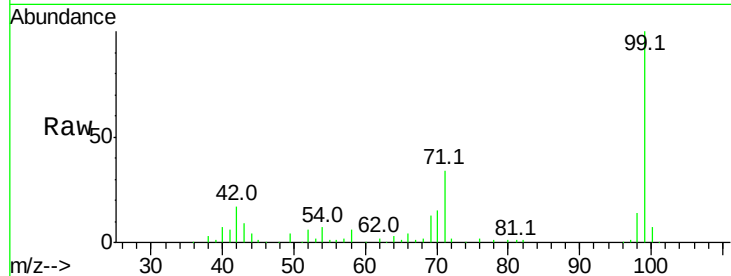
Tot Ion: 99 Resp: 127804

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

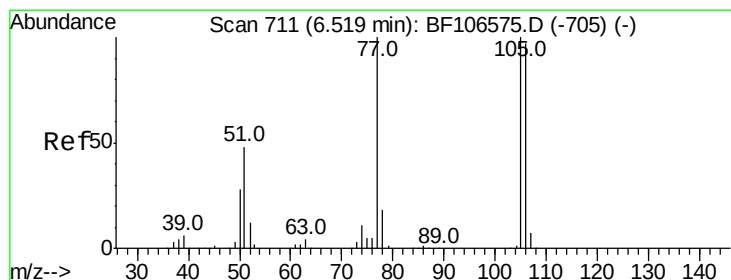
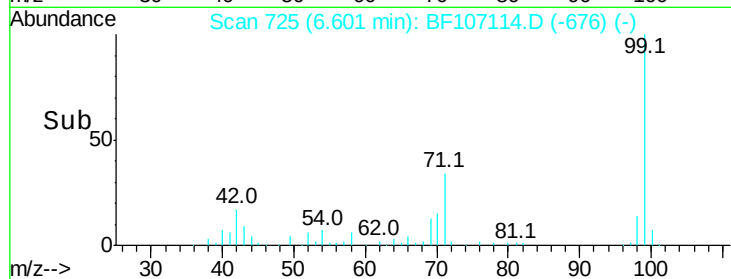
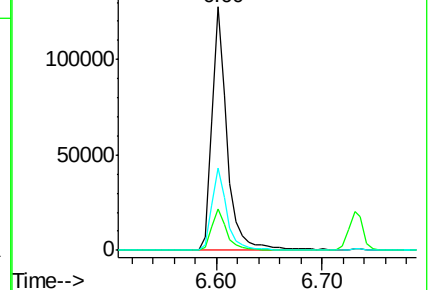
71 33.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.072 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107114.D

Acq: 4 Jul 2018 6:39

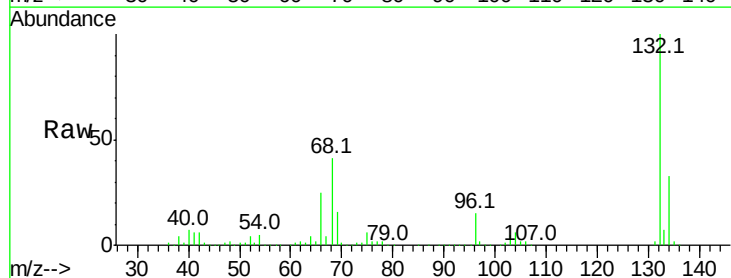
Tgt Ion: 77 Resp: 6866

Ion Ratio Lower Upper

77 100

105 90.2 81.1 121.1

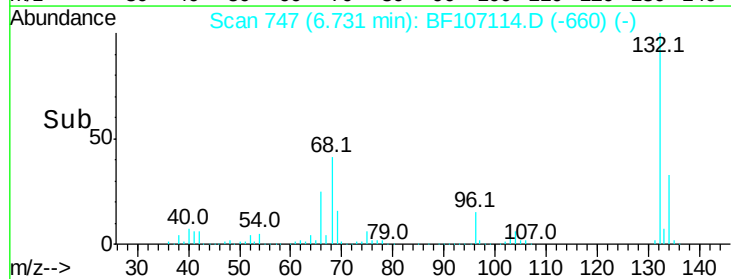
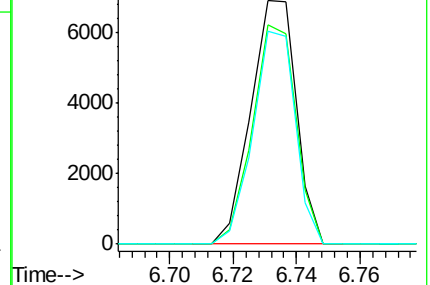
106 87.2 74.5 114.5

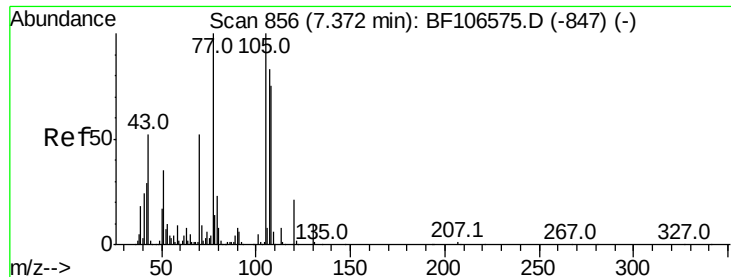


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

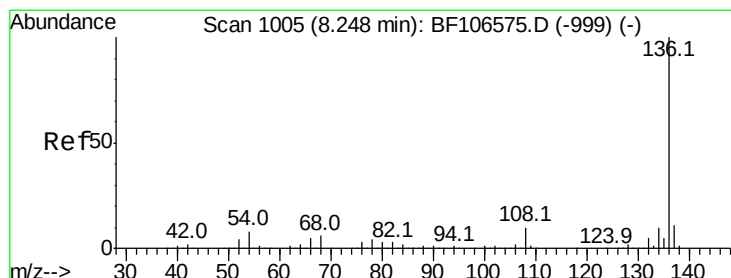
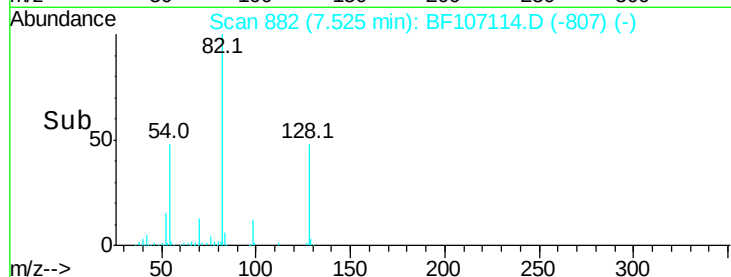
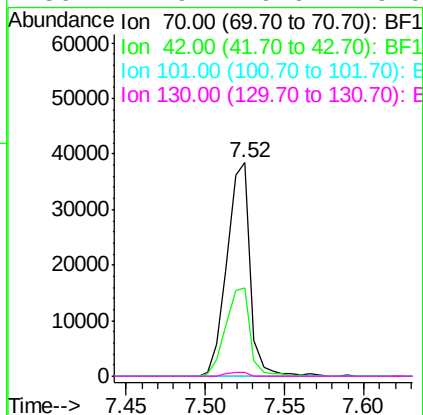
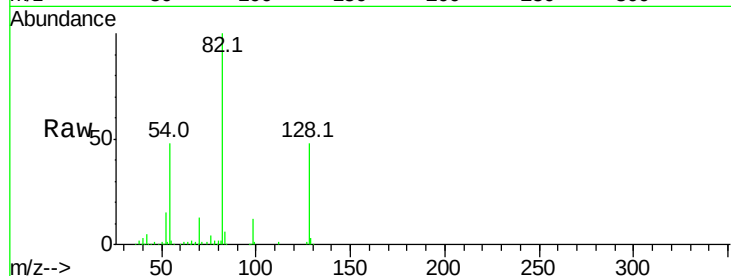




#19
n-Nitroso-di-n-propylamine
Concen: 15.038 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

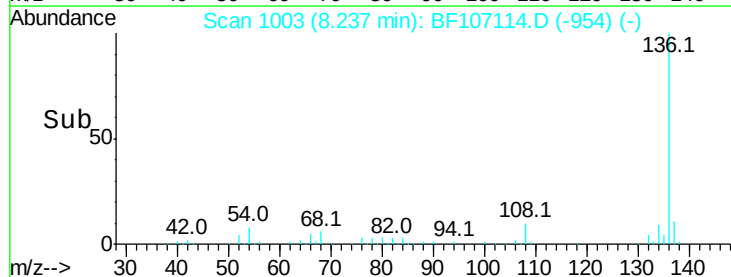
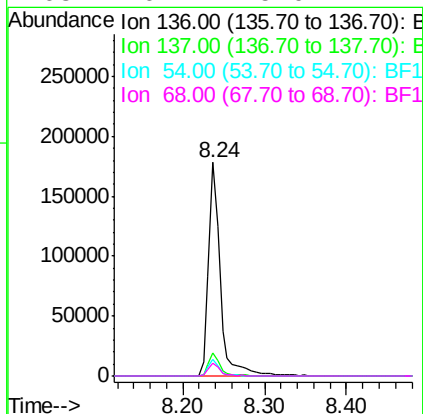
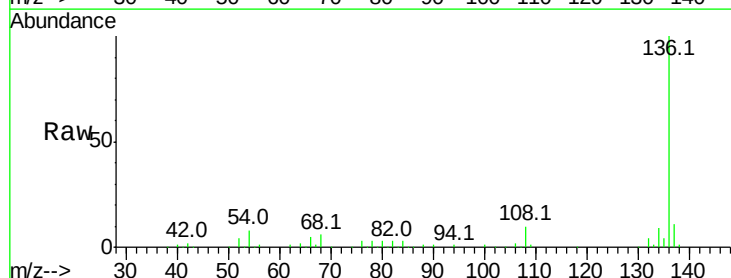
Instrument :
BNA_F
ClientSampleId :

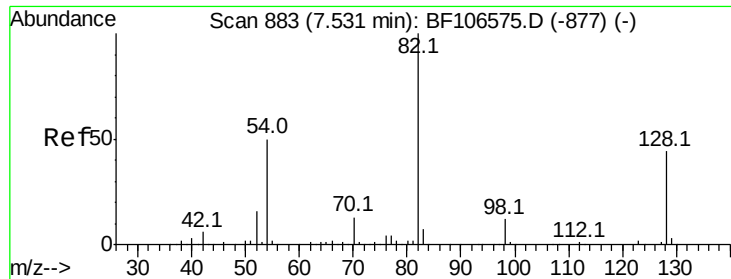
Tot Ion: 70 Resp: 39180
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Tgt Ion: 136 Resp: 178332
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.9 6.6 9.8
68 6.2 5.0 7.4

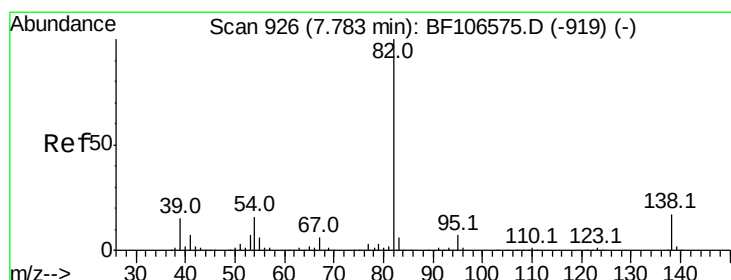
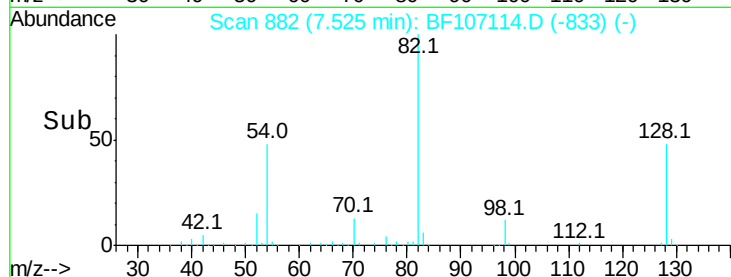
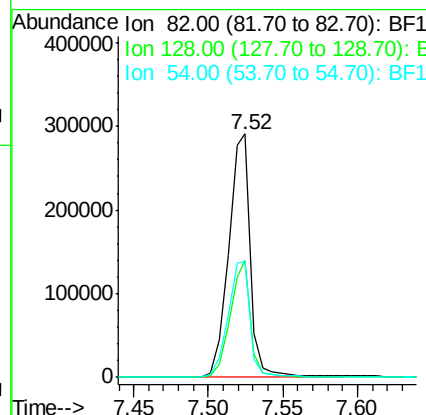
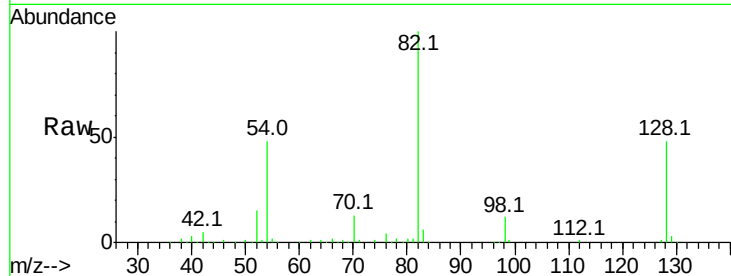




#23
Nitrobenzene-d5
Concen: 93.719 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

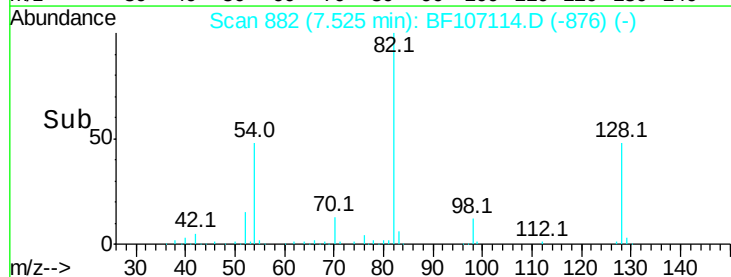
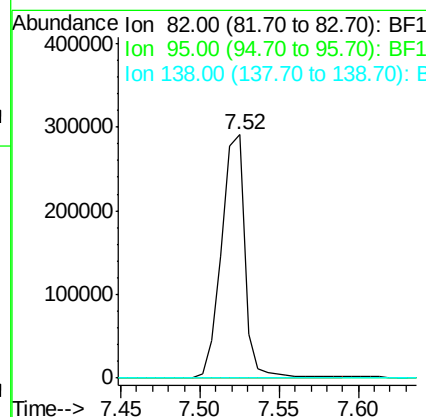
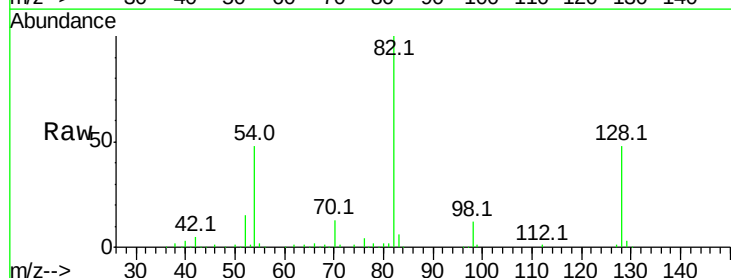
Instrument :
BNA_F
ClientSampleId :

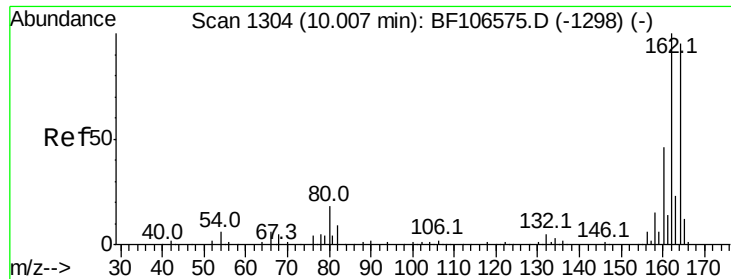
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	47.5	41.4	62.2



#25
Isophorone
Concen: 53.184 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

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

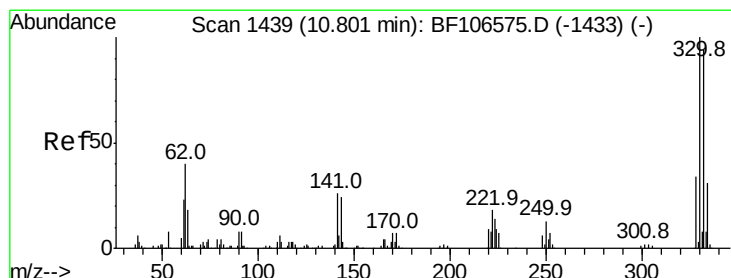
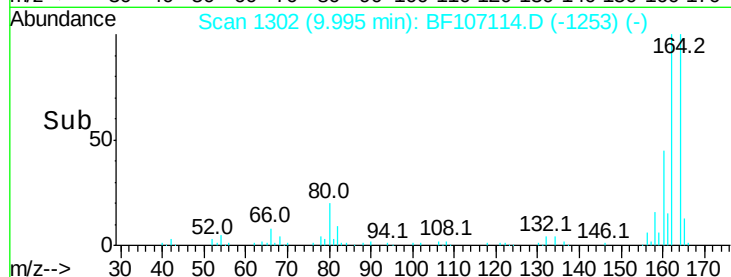
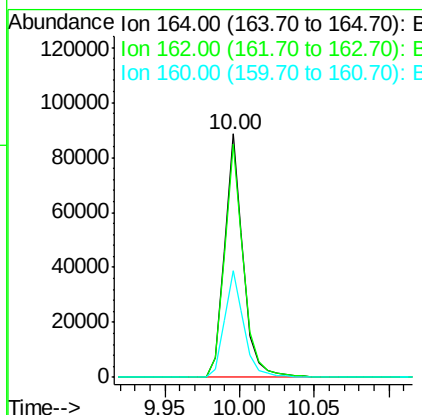
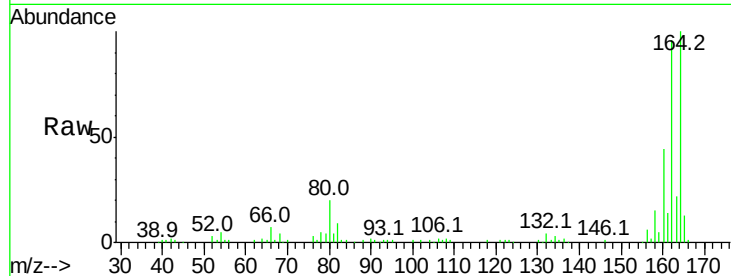




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

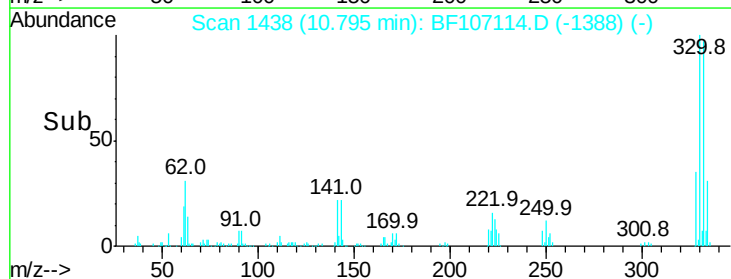
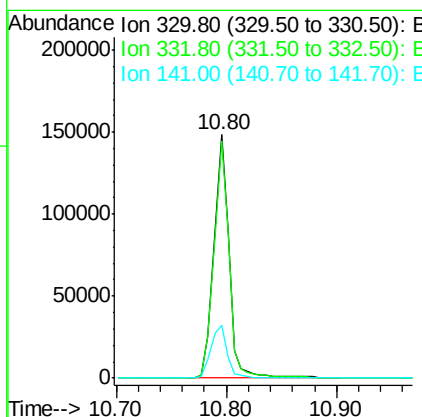
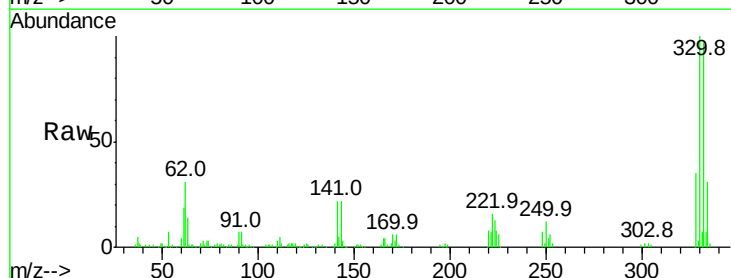
Instrument :
BNA_F
ClientSampleId :

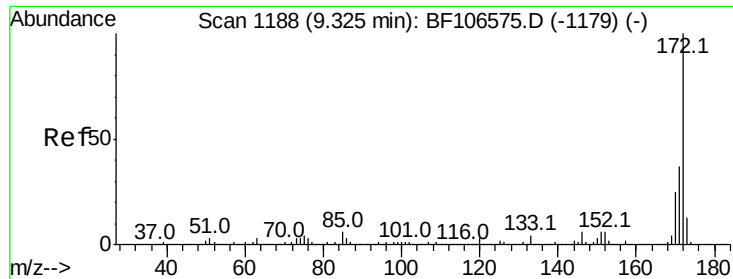
Tot Ion:164 Resp: 78265
Ion Ratio Lower Upper
164 100
162 95.9 86.1 129.1
160 43.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 155.295 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Tgt Ion:330 Resp: 140870
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 23.2 29.9 44.9#

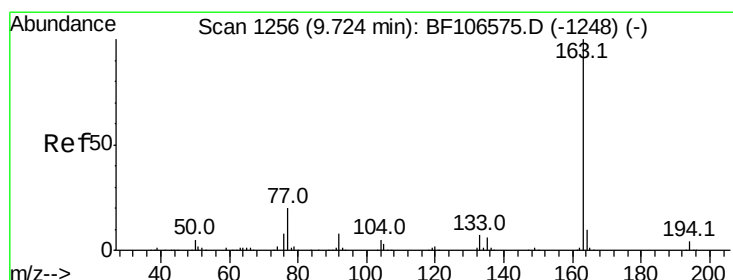
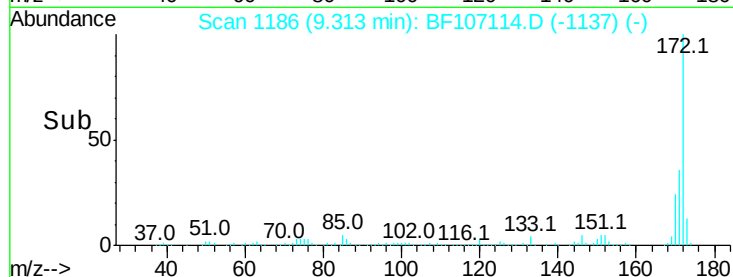
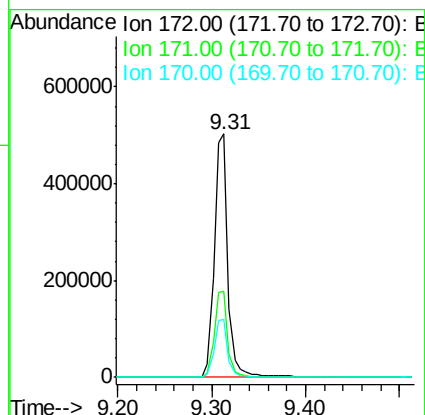
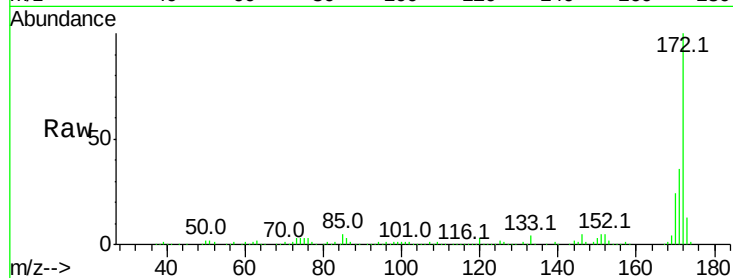




#44
2-Fluorobiphenyl
Concen: 117.737 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

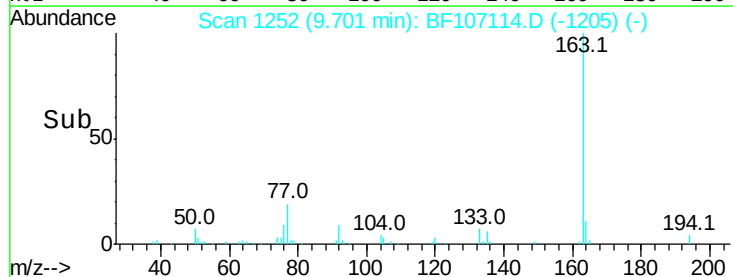
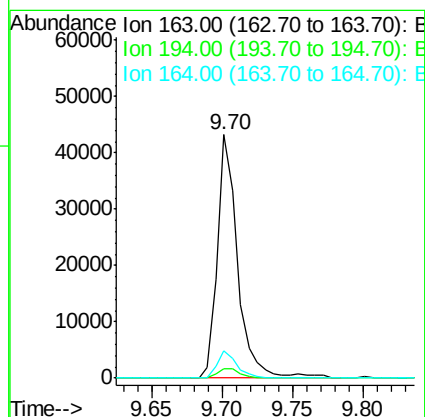
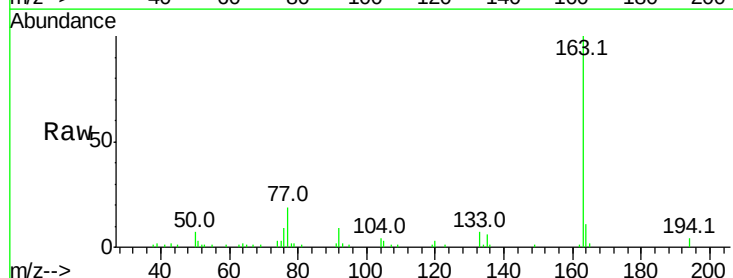
Instrument :
BNA_F
ClientSampleId :

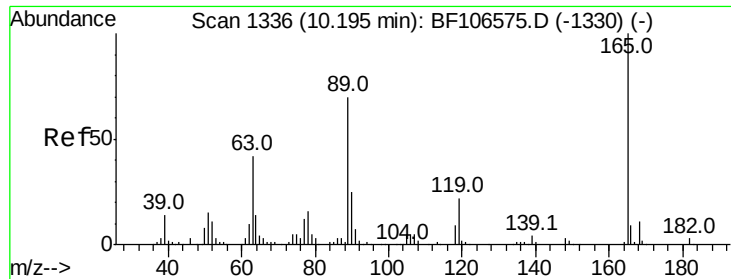
Tot Ion:172 Resp: 518131
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 7.370 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Tgt Ion:163 Resp: 43264
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.3 8.2 12.2

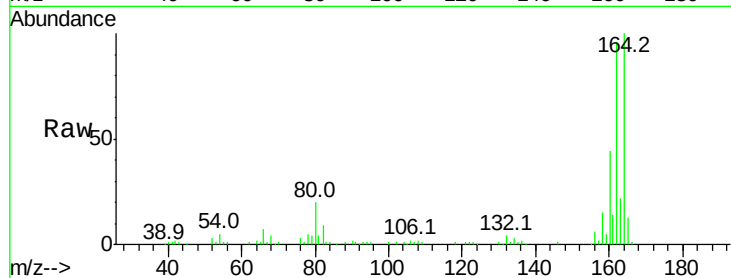




#56
 2,4-Dinitrotoluene
 Concen: 6.391 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107114.D
 Acq: 4 Jul 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

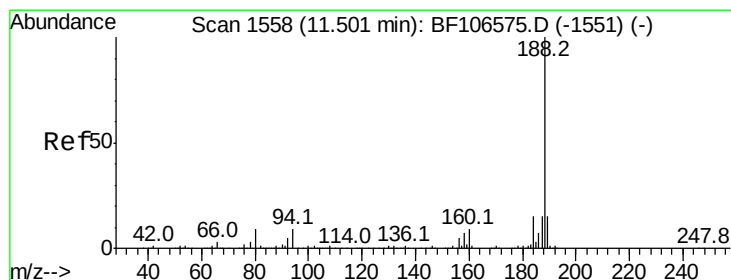
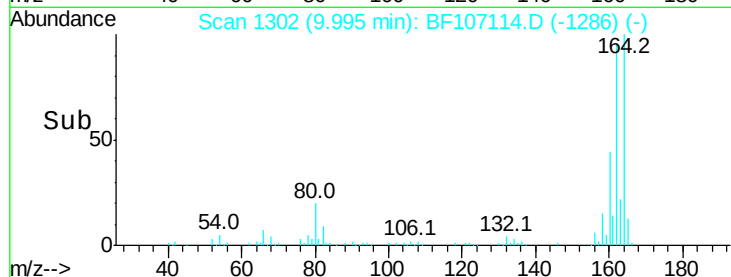
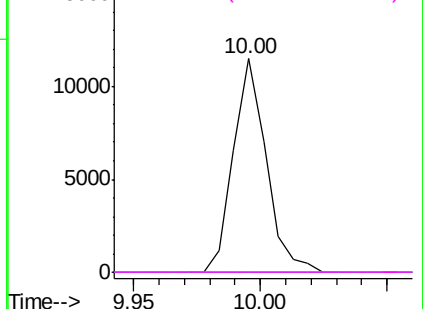


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



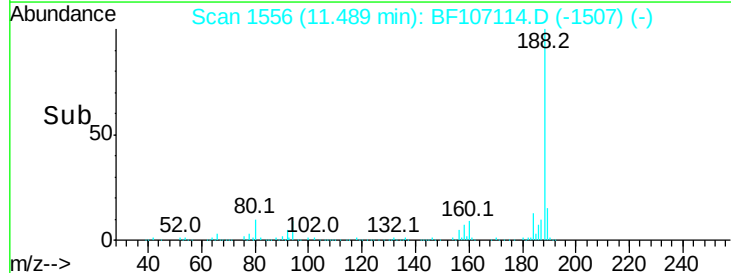
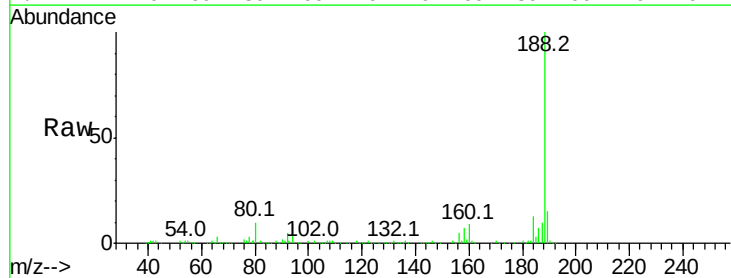
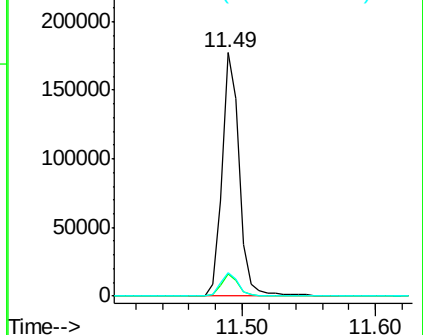
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107114.D
 Acq: 4 Jul 2018 6:39

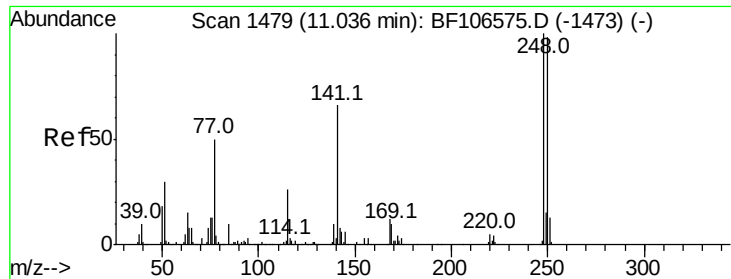
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

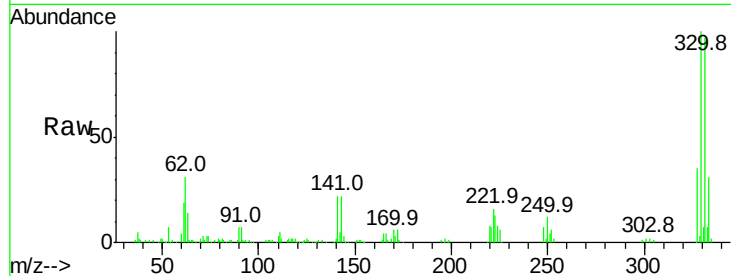




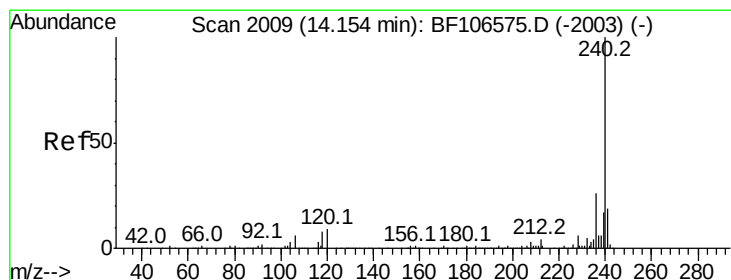
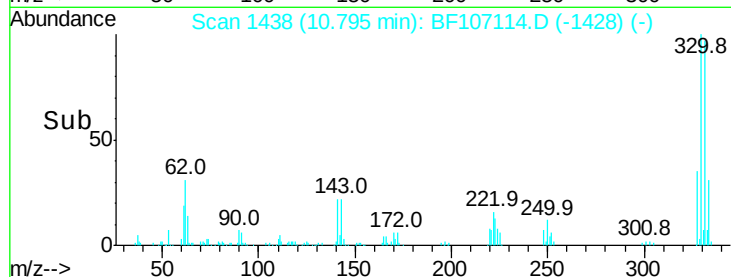
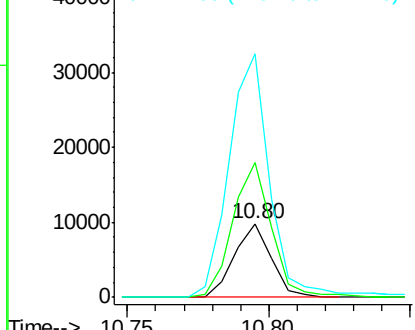
#66
4-Bromophenyl-phenylether
Concen: 4.582 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8861
Ion Ratio Lower Upper
248 100
250 182.5 76.9 115.3#
141 329.1 74.4 111.6#

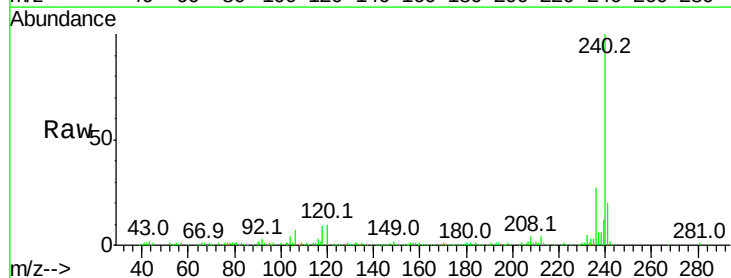


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

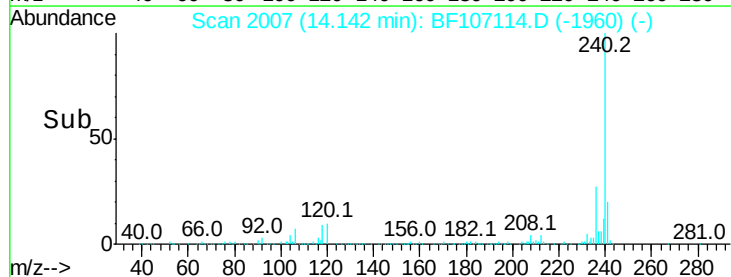
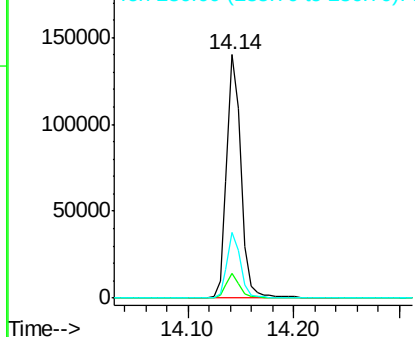


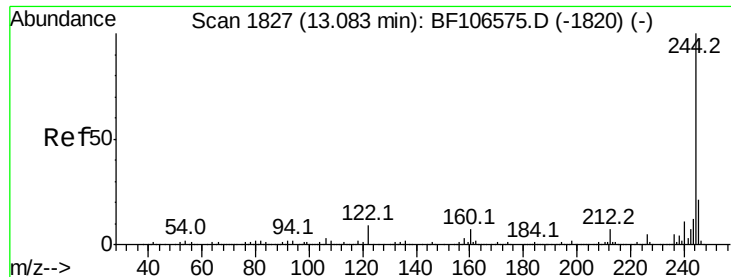
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Tgt Ion:240 Resp: 133575
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.7 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

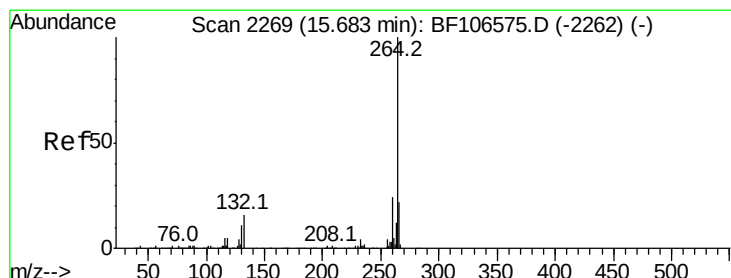
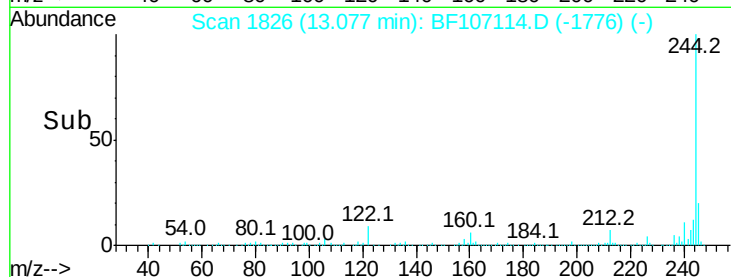
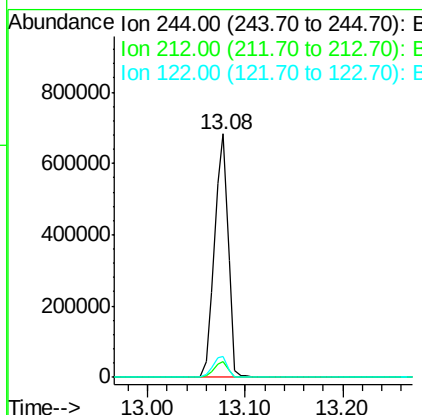
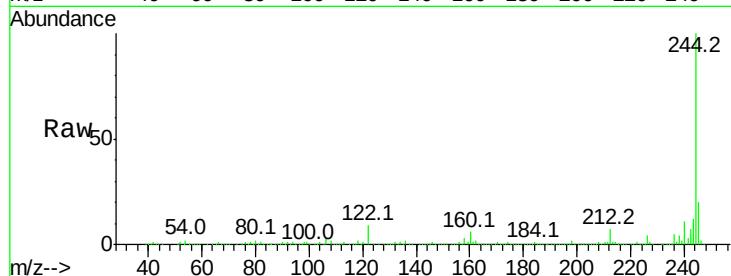




#78
 Terphenyl-d14
 Concen: 120.587 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107114.D
 Acq: 4 Jul 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 664964
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107114.D
 Acq: 4 Jul 2018 6:39

Tgt Ion:264 Resp: 97722
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 17.5 26.3

