

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 :
 MW-03

Quant Time: Jul 04 07:02:50 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

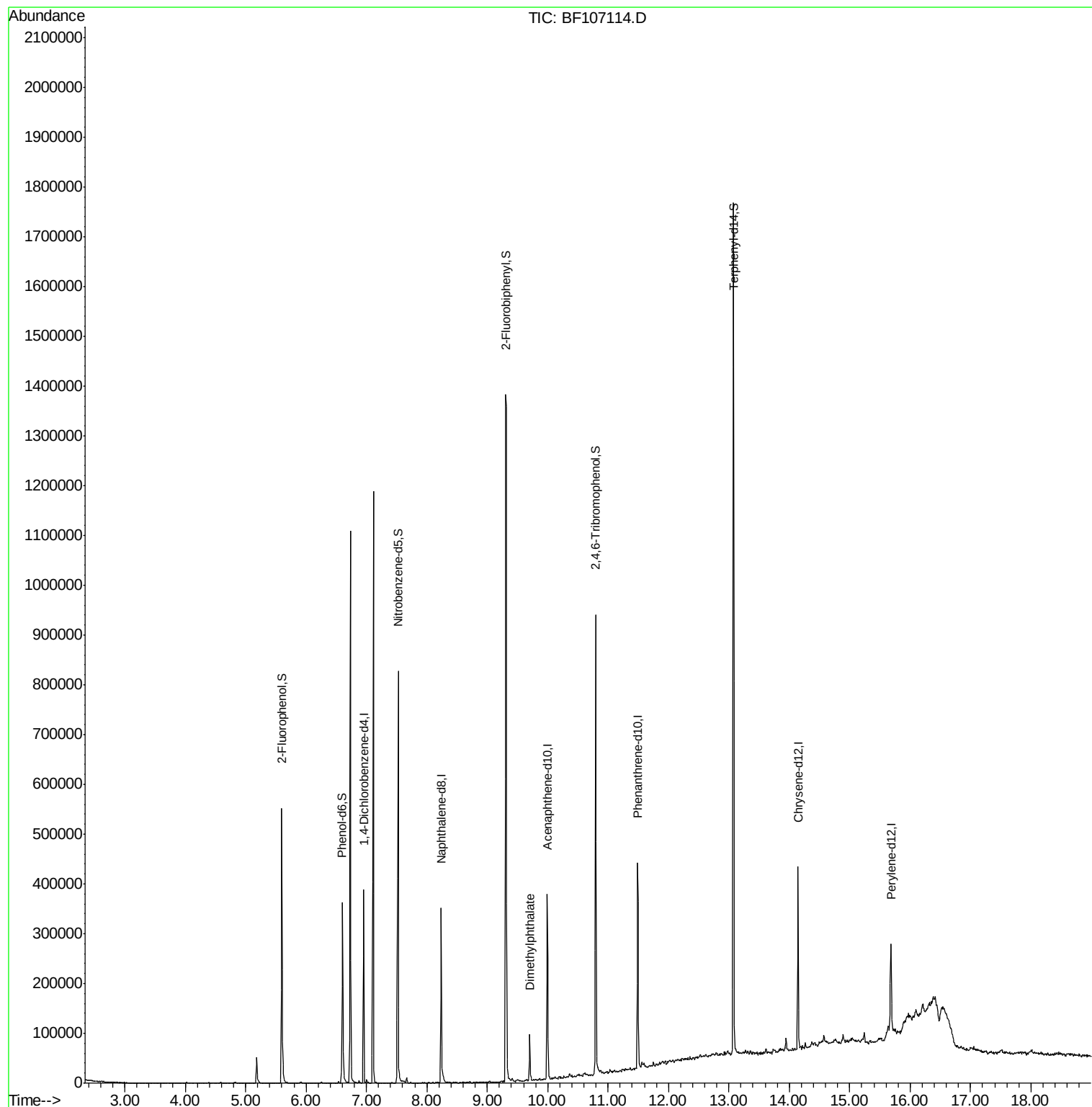
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53596	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	178332	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	78265	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	162031	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	133575	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						Qvalue
49) Dimethylphthalate	9.70	163	43264	7.370	ng	97

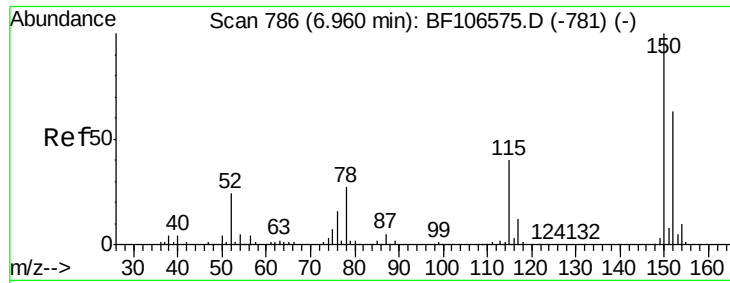
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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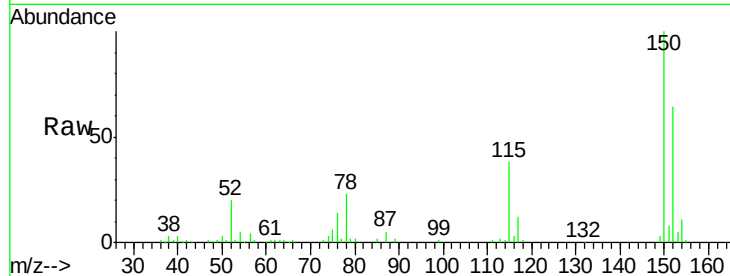


#1

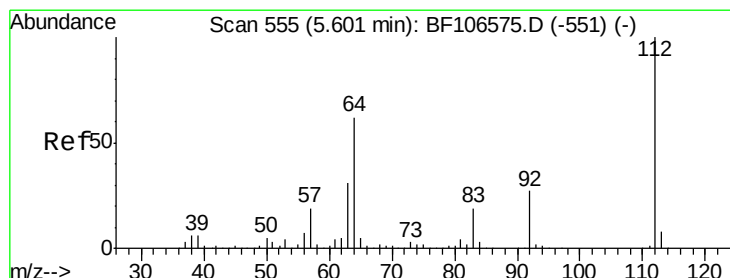
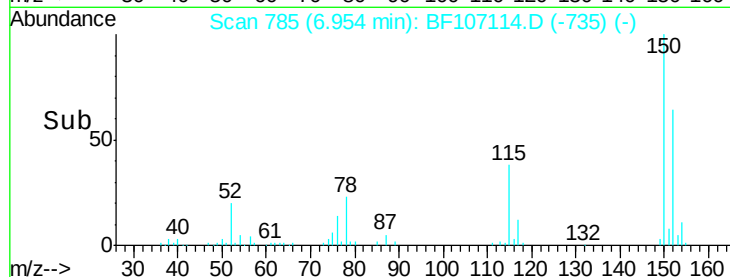
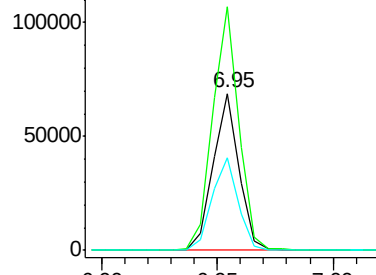
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Instrument :
BNA_F
ClientSampleId :
MW-03

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



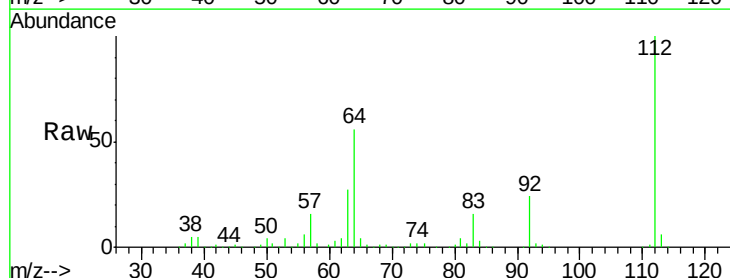
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



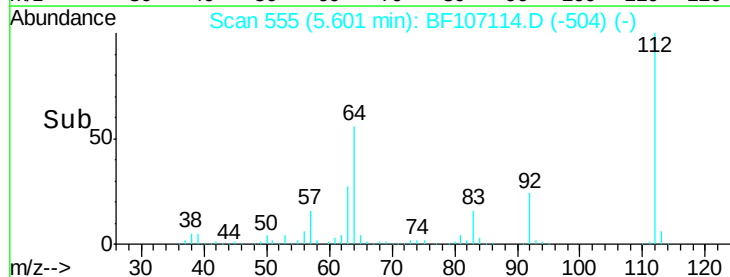
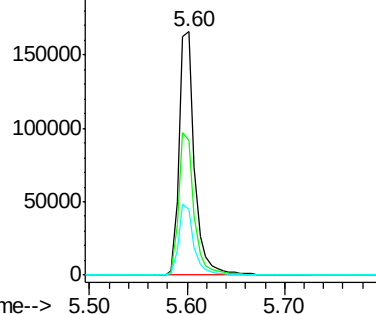
#5

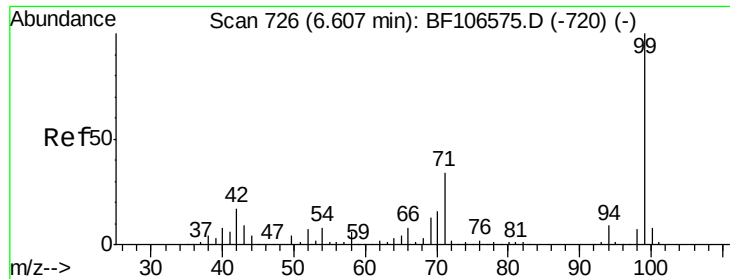
2-Fluorophenol
Concen: 57.747 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

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 :

MW-03

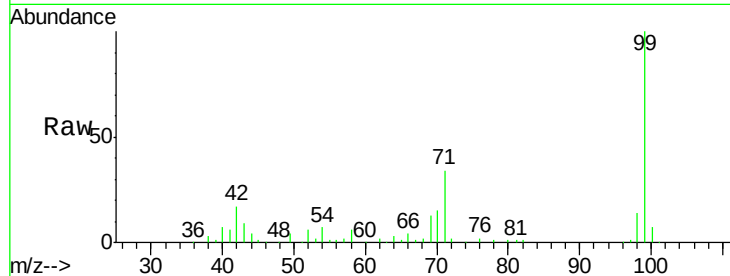
Tot Ion: 99 Resp: 127804

Ion Ratio Lower Upper

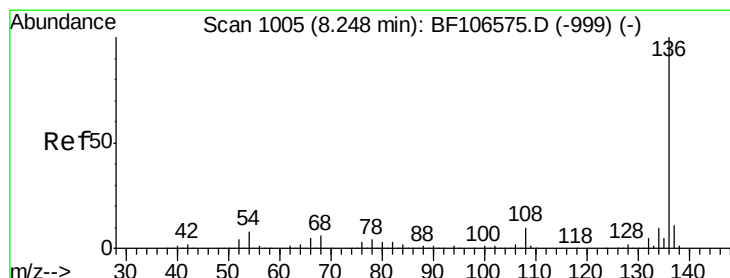
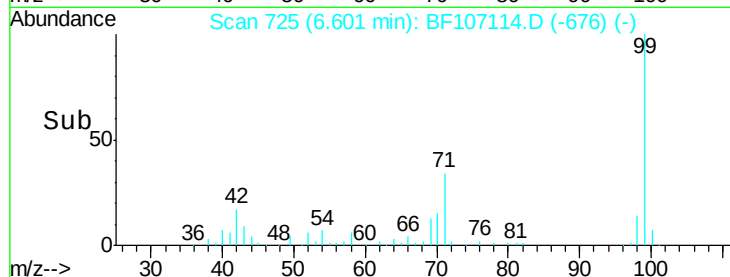
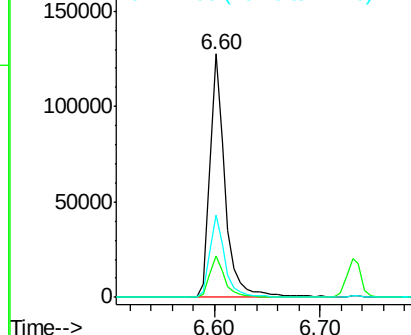
99 100

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



#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

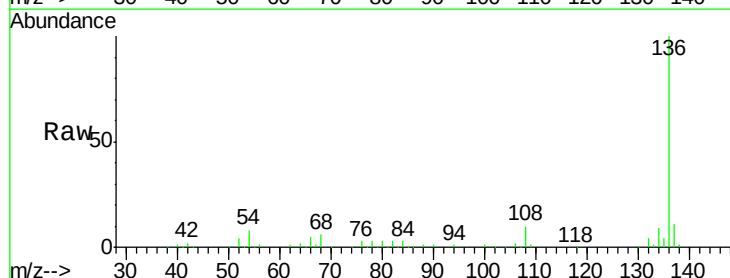
Ion Ratio Lower Upper

136 100

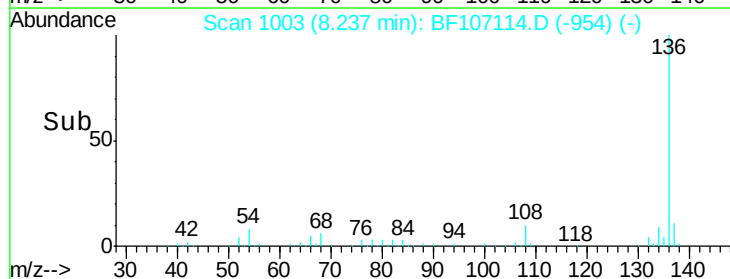
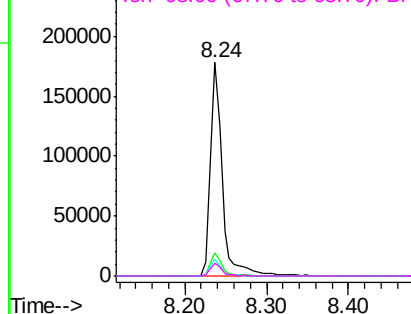
137 10.7 8.9 13.3

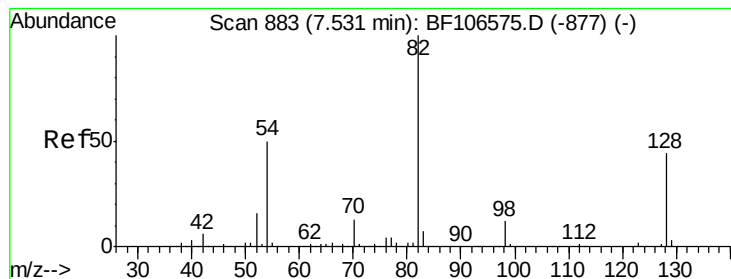
54 7.9 6.6 9.8

68 6.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#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

ClientSampled :

MW-03

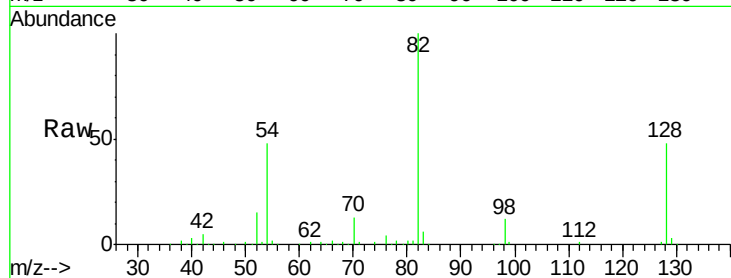
Tot Ion: 82 Resp: 300739

Ion Ratio Lower Upper

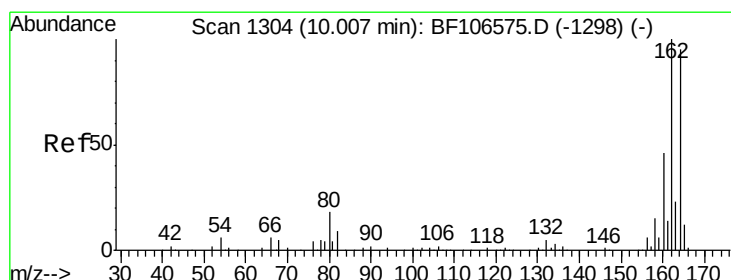
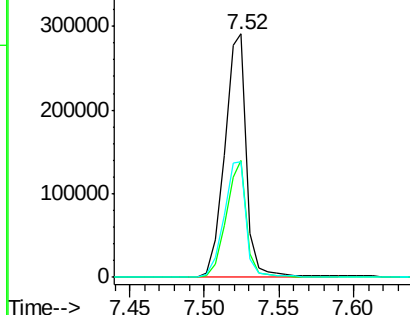
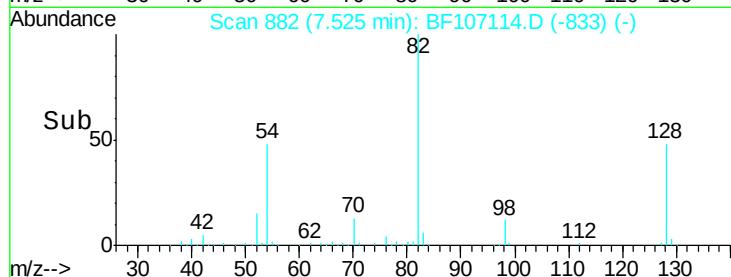
82 100

128 48.1 36.1 54.1

54 47.5 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



#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

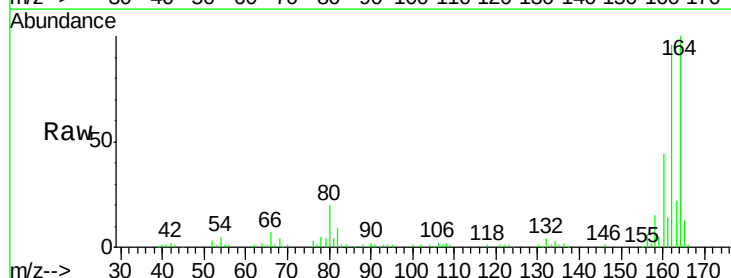
Tgt Ion:164 Resp: 78265

Ion Ratio Lower Upper

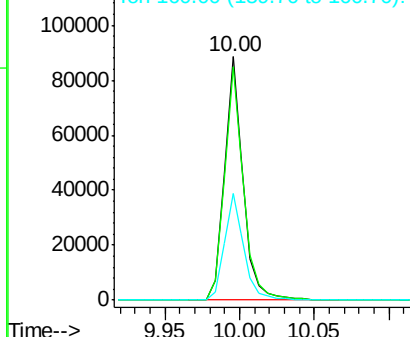
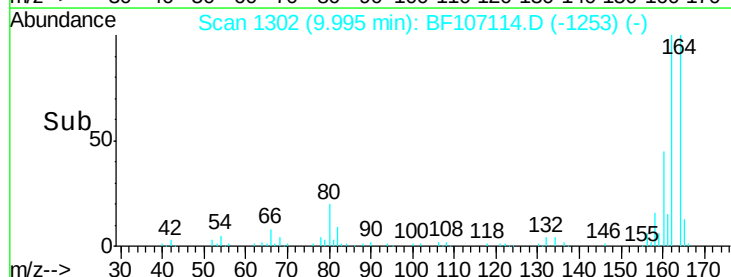
164 100

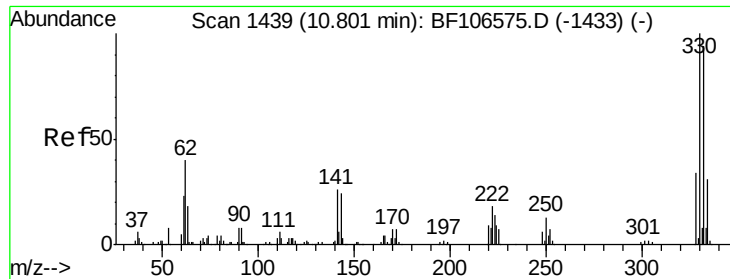
162 95.9 86.1 129.1

160 43.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

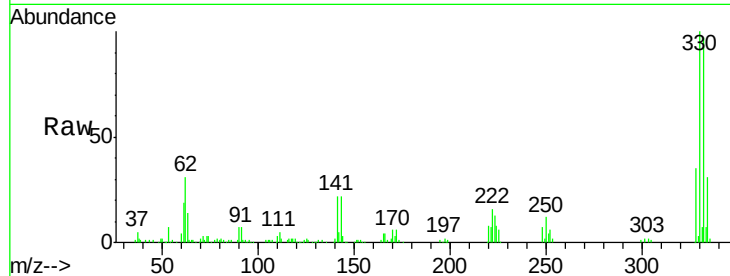




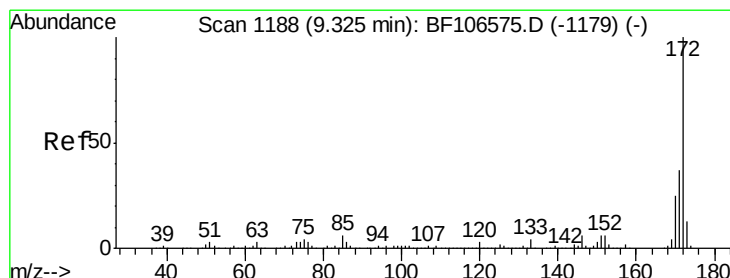
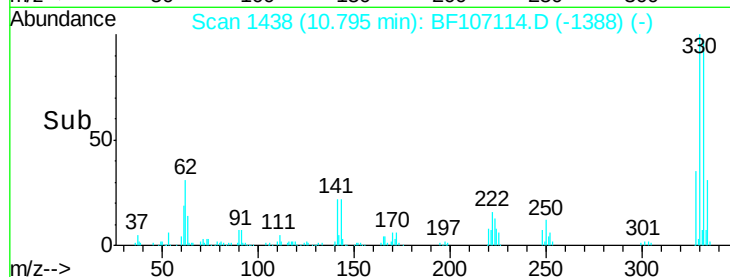
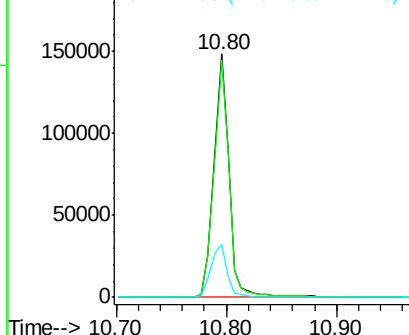
#41
 2,4,6-Tribromophenol
 Concen: 155.295 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107114.D
 Acq: 4 Jul 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	23.2	29.9	44.9#

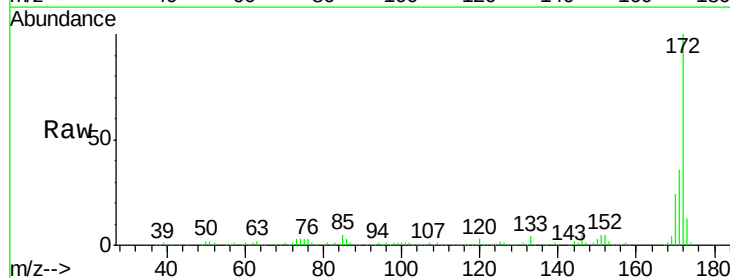


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

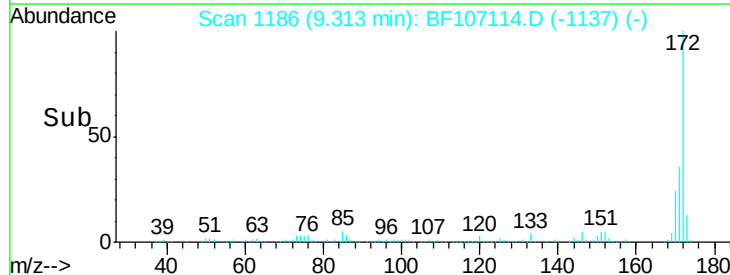
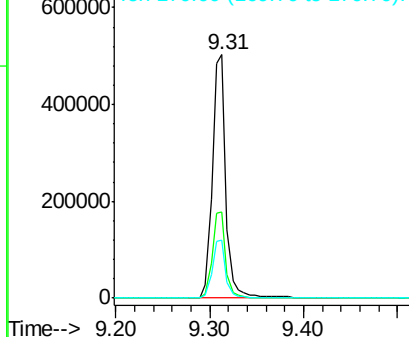


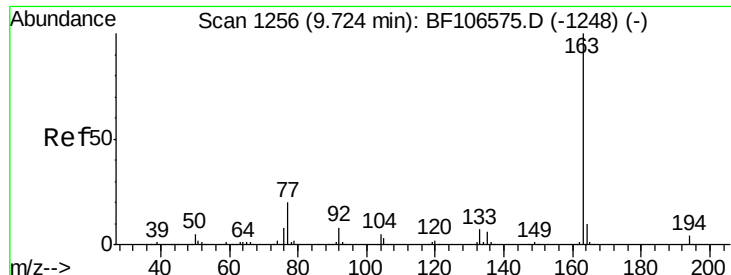
#44
 2-Fluorobiphenyl
 Concen: 117.737 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107114.D
 Acq: 4 Jul 2018 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

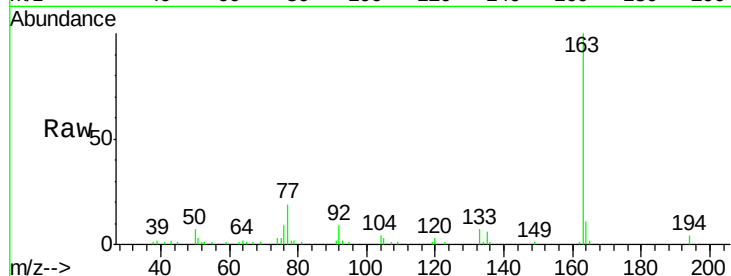




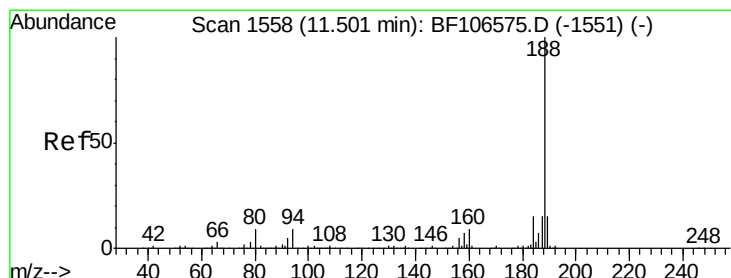
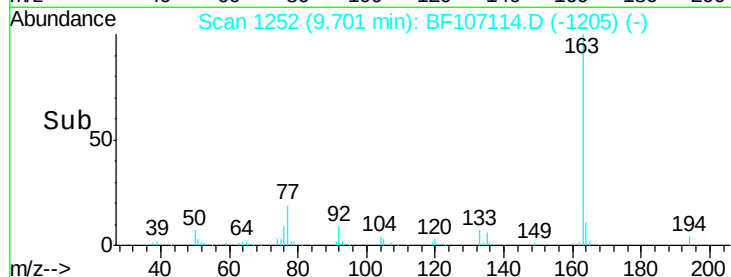
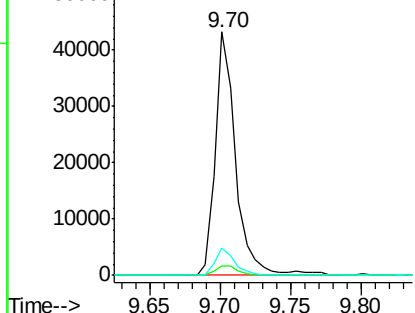
#49
Dimethylphthalate
Concen: 7.370 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Instrument :
BNA_F
ClientSampleId :
MW-03

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

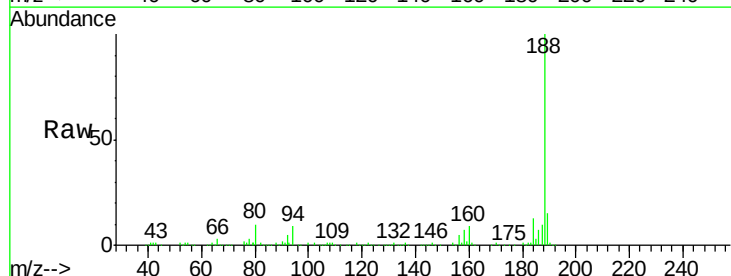


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

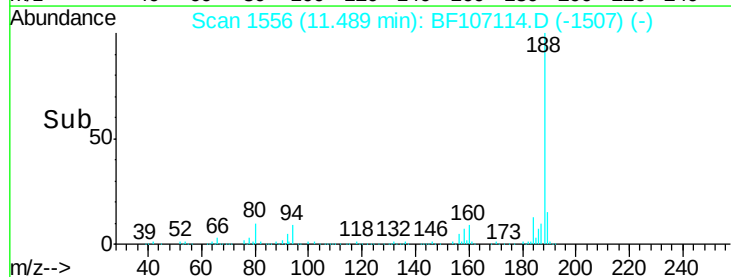
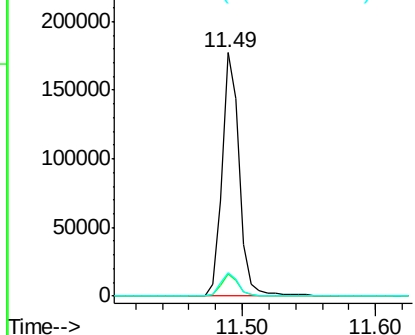


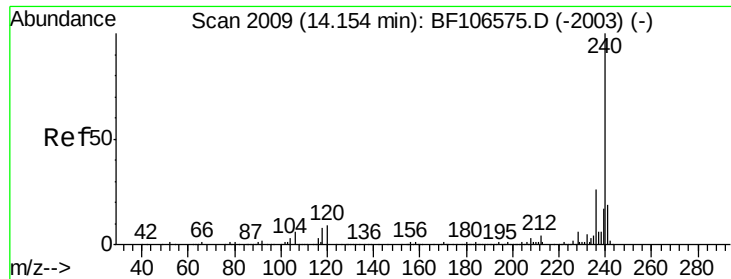
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Tgt Ion:188 Resp: 162031
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





#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

Instrument :

BNA_F

ClientSampleId :

MW-03

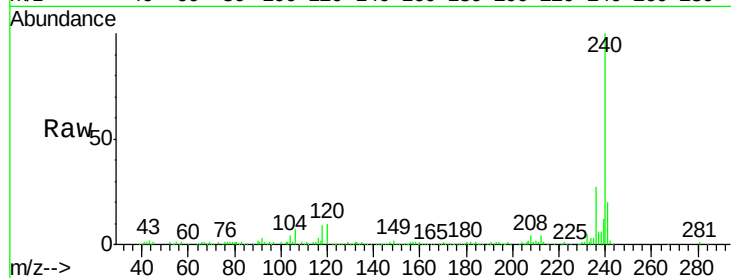
Tot Ion:240 Resp: 133575

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

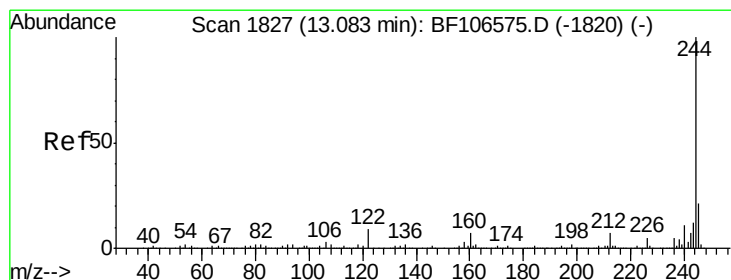
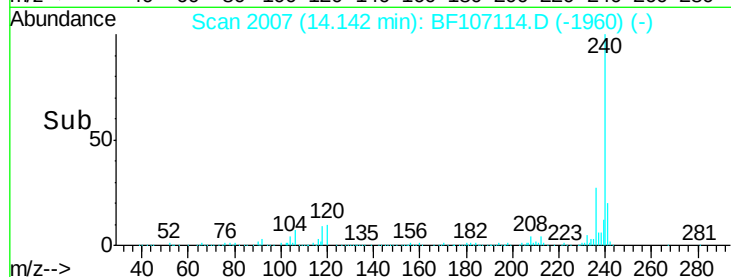
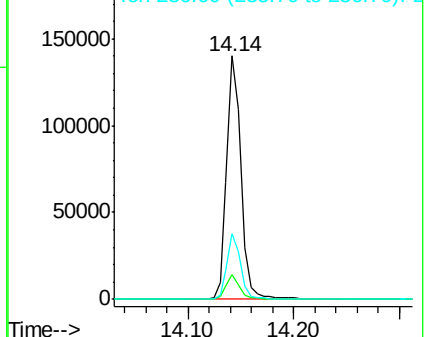
236 26.7 20.7 31.1



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

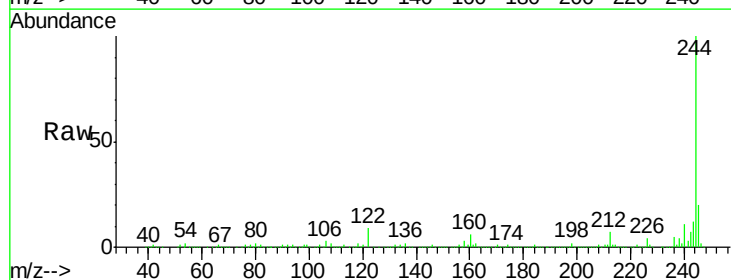
Tgt Ion:244 Resp: 664964

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

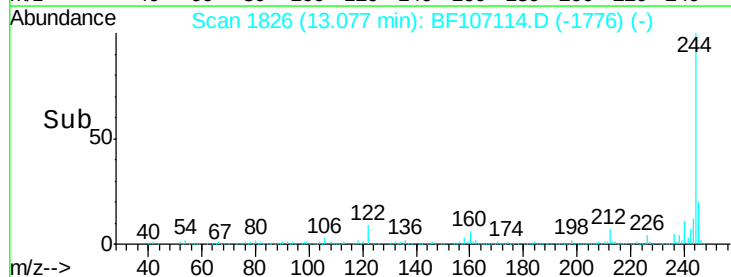
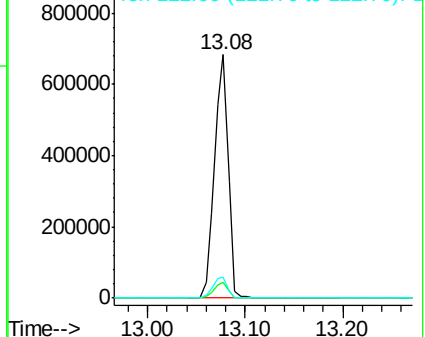
122 8.6 11.0 16.4#

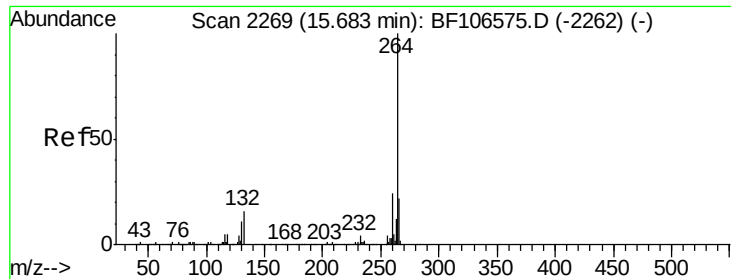


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107114.D
Acq: 4 Jul 2018 6:39

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3

