

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107253.D
 Acq On : 10 Jul 2018 2:50
 Operator : JU/SJ
 Sample : J3876-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-D-M

Quant Time: Jul 10 05:53:42 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

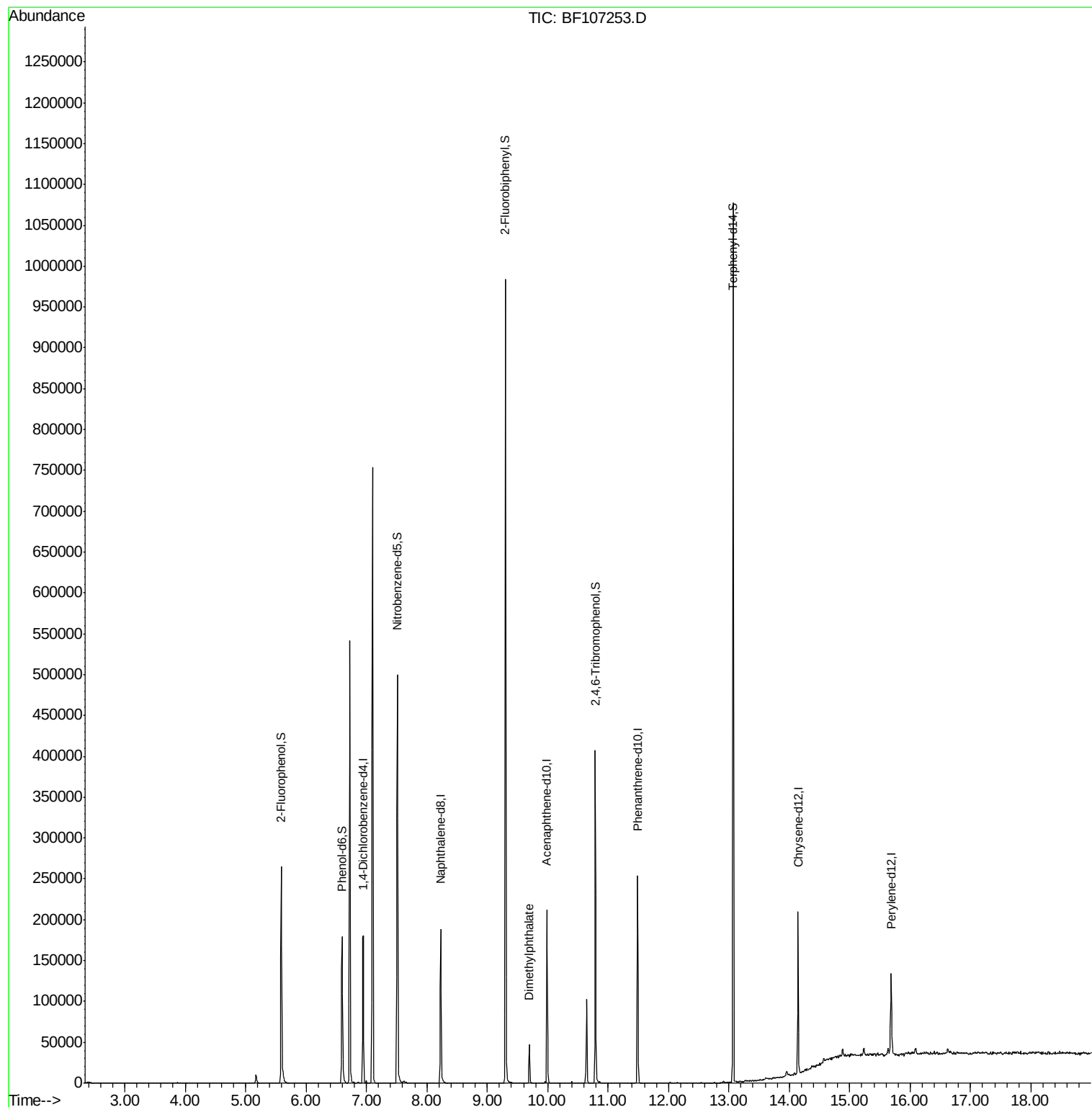
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	29790	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	98970	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	45442	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	100407	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	73119	20.00	ng	-0.02
86) Perylene-d12	15.68	264	54557	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	86674	49.27	ng	-0.01
7) Phenol-d6	6.60	99	66918	30.46	ng	-0.02
23) Nitrobenzene-d5	7.51	82	181648	102.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	58010	110.14	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	334337	132.84	ng	-0.02
78) Terphenyl-d14	13.07	244	416144	137.86	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	22746	6.674	ng	Qvalue # 99

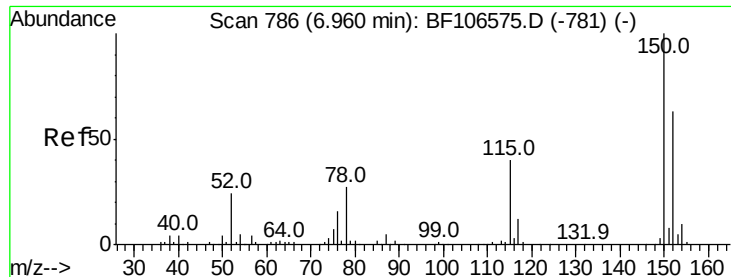
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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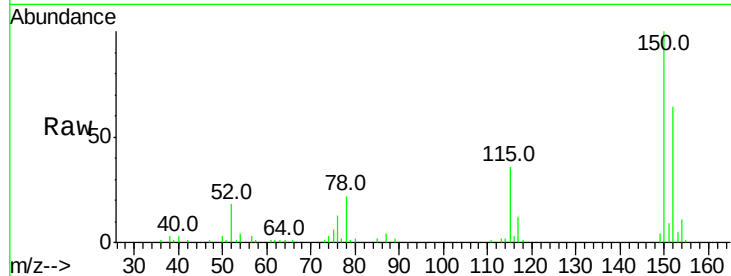


#1

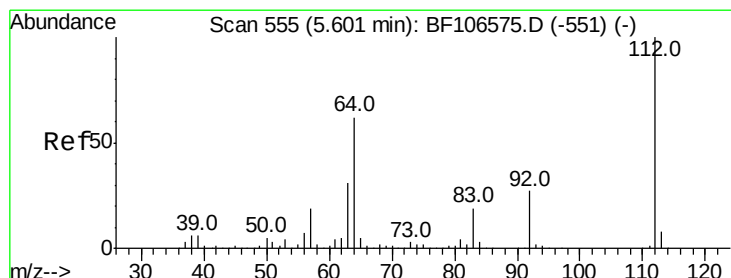
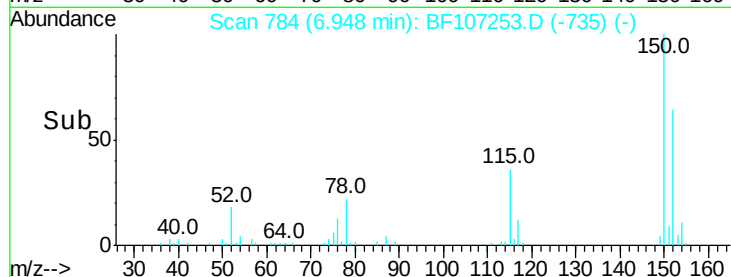
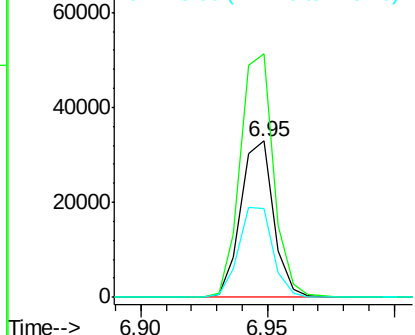
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tot Ion:152 Resp: 29790
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.4 50.1 75.1



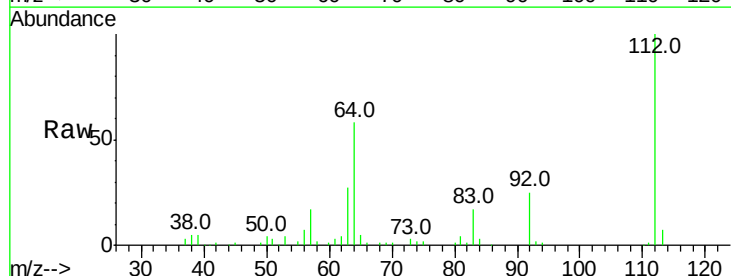
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



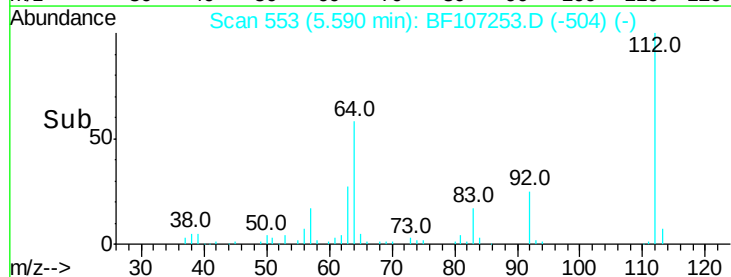
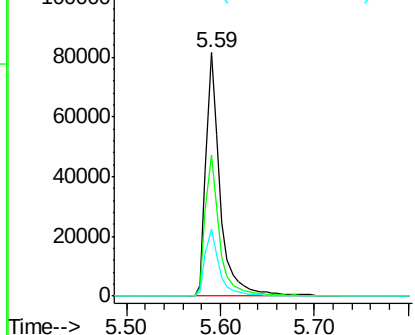
#5

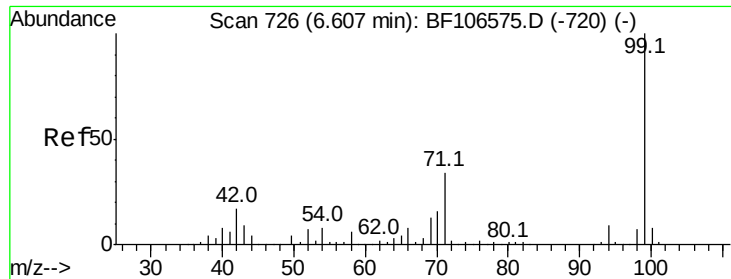
2-Fluorophenol
Concen: 49.267 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Tgt Ion:112 Resp: 86674
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 27.4 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: 30.459 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107253.D

Acq: 10 Jul 2018 2:50

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-D-M

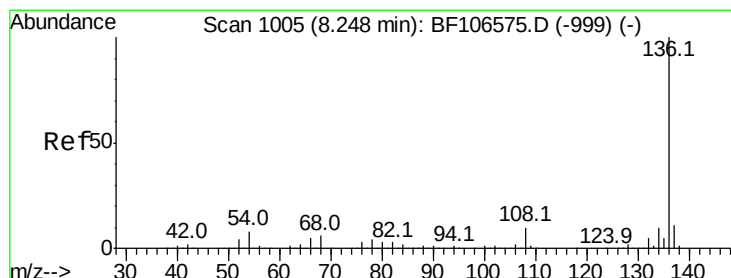
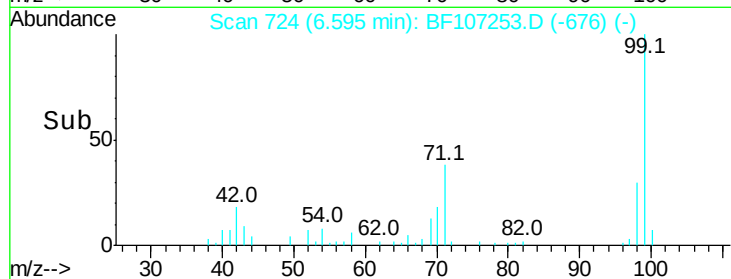
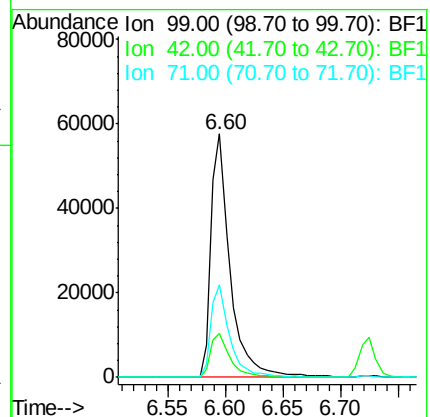
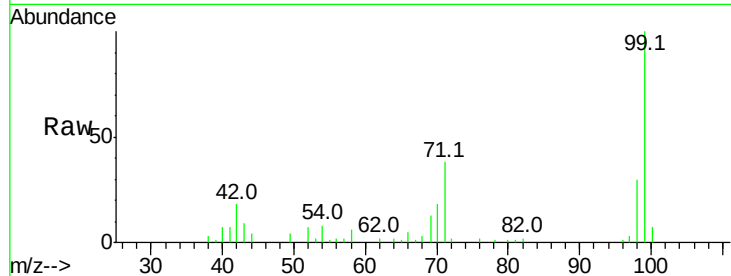
Tot Ion: 99 Resp: 66918

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 38.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107253.D

Acq: 10 Jul 2018 2:50

Tgt Ion: 136 Resp: 98970

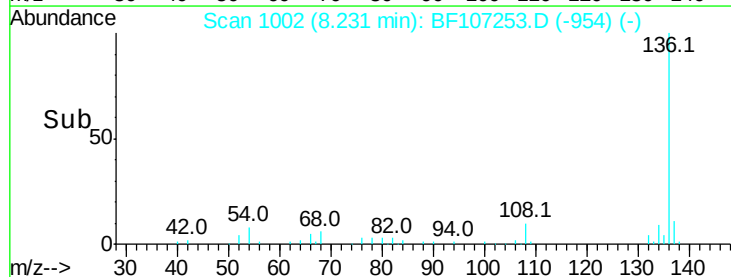
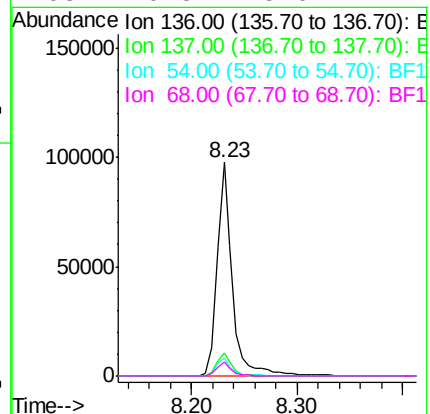
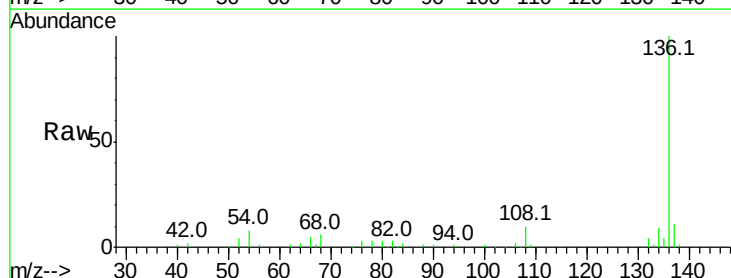
Ion Ratio Lower Upper

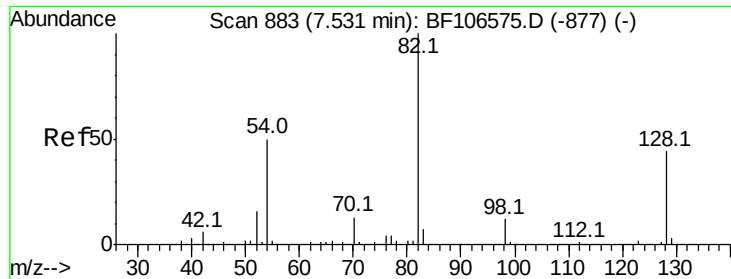
136 100

137 10.8 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

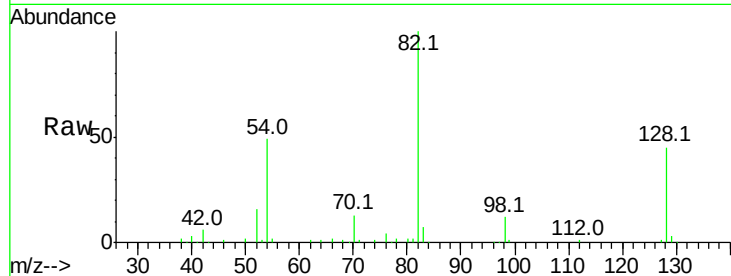




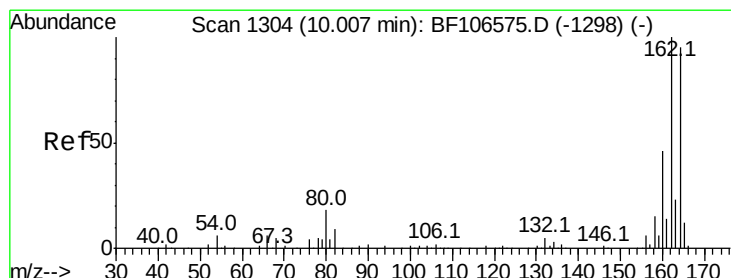
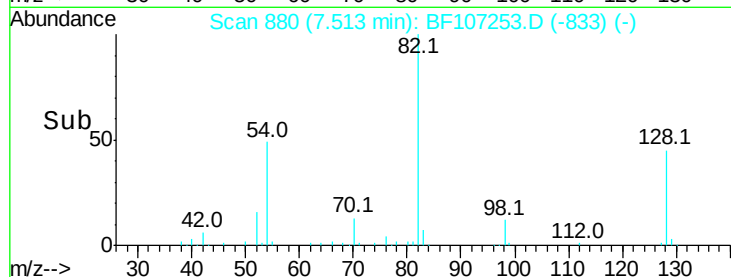
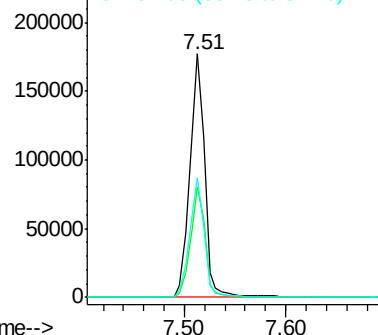
#23
 Nitrobenzene-d5
 Concen: 101.999 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107253.D
 Acq: 10 Jul 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	49.0	41.4	62.2

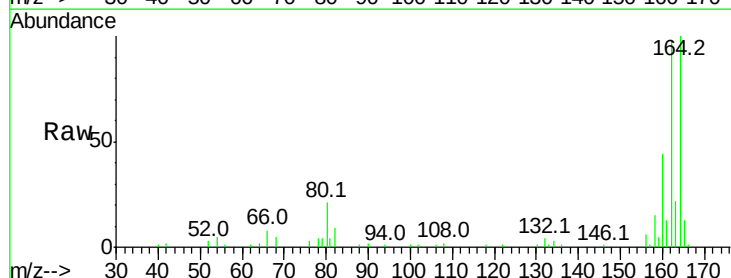


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

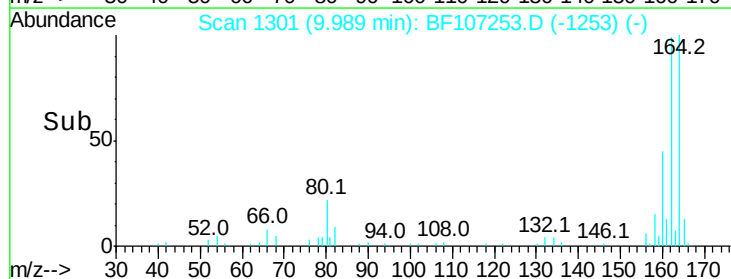
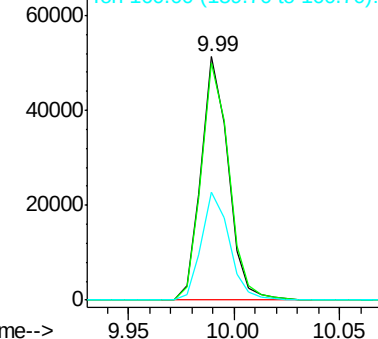


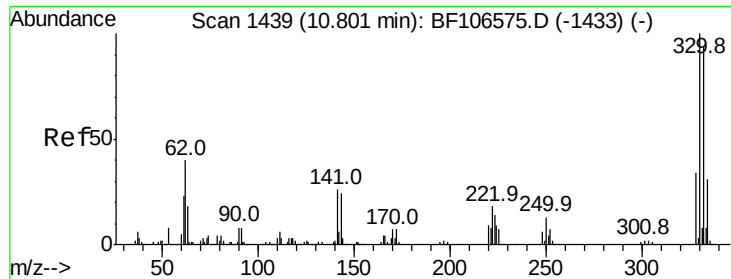
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107253.D
 Acq: 10 Jul 2018 2:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	86.1	129.1
160	44.3	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

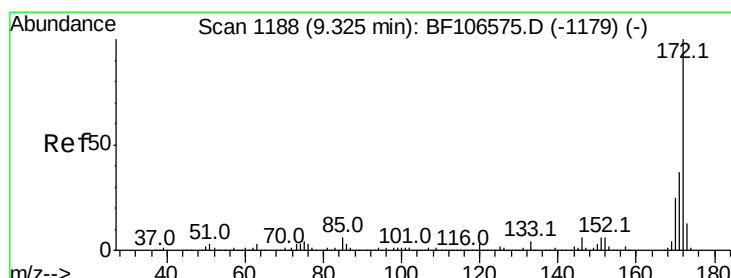
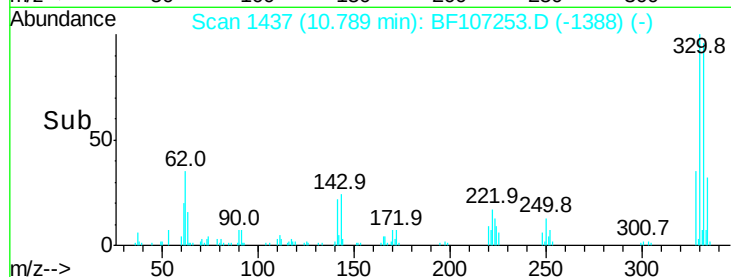
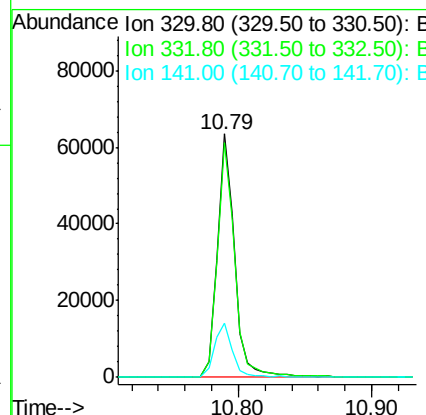
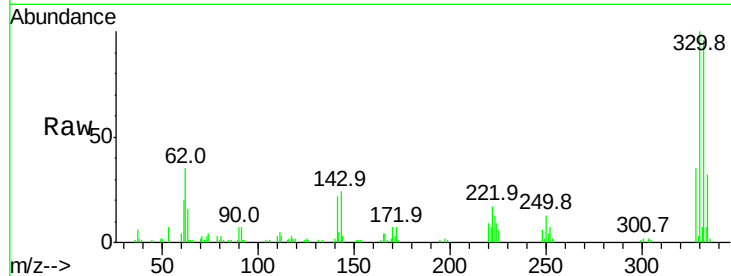




#41
 2,4,6-Tribromophenol
 Concen: 110.142 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107253.D
 Acq: 10 Jul 2018 2:50

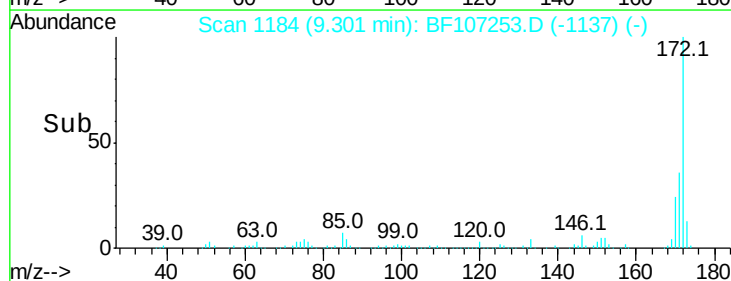
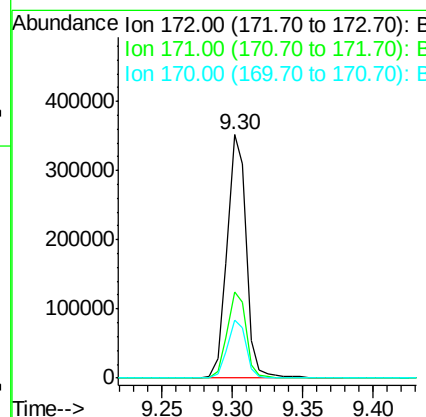
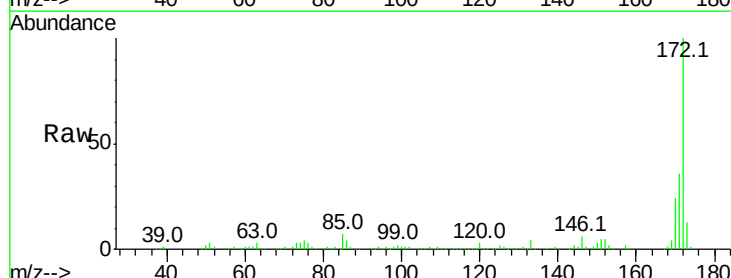
Instrument :
 BNA_F
 ClientSampleId :
 070318-DBRI-E-D-M

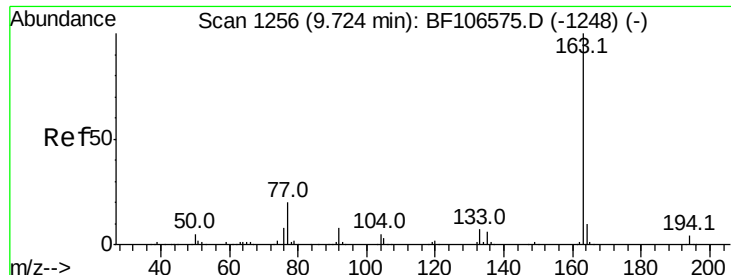
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	23.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 132.835 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107253.D
 Acq: 10 Jul 2018 2:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 6.674 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107253.D

Acq: 10 Jul 2018 2:50

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-D-M

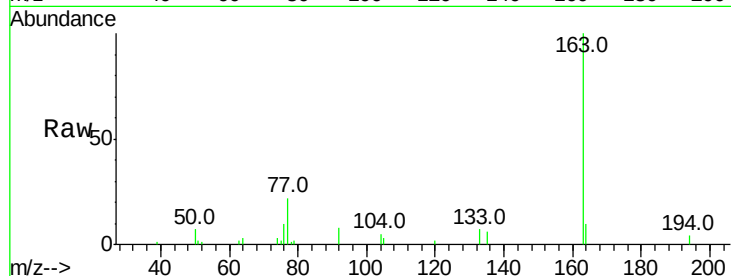
Tot Ion:163 Resp: 22746

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

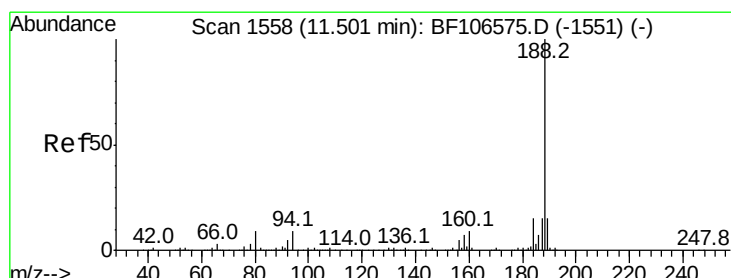
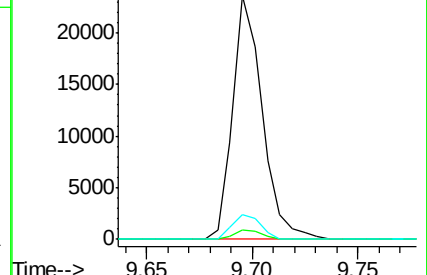
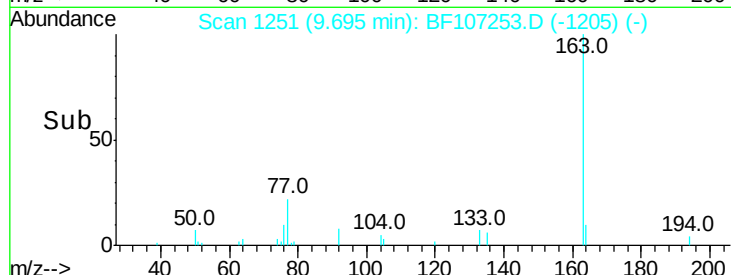
164 10.2 8.2 12.2



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: BF107253.D

Acq: 10 Jul 2018 2:50

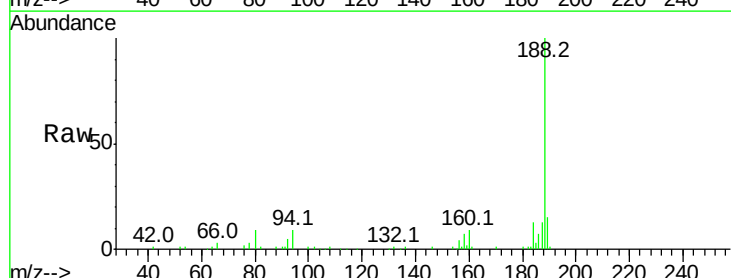
Tgt Ion:188 Resp: 100407

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

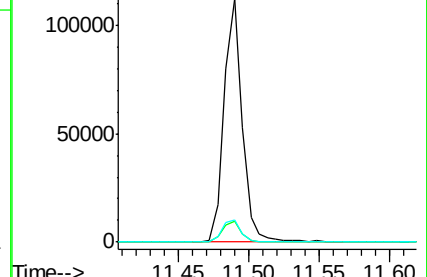
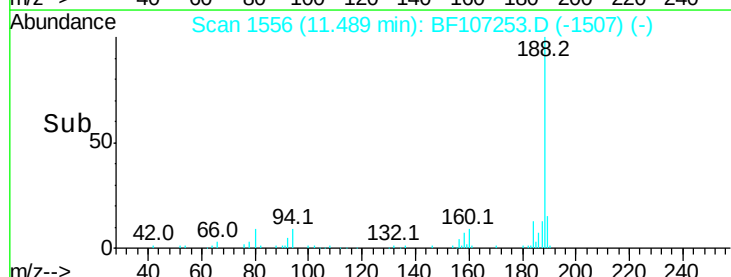
80 9.3 9.2 13.8

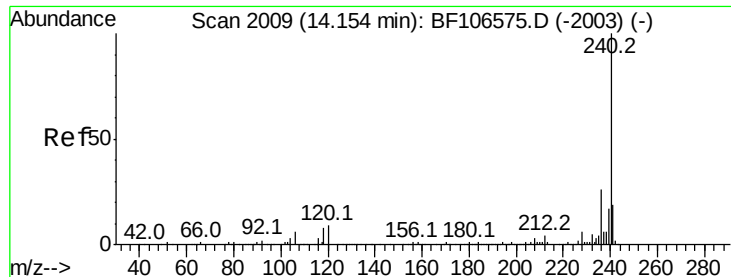


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF107253.D

Acq: 10 Jul 2018 2:50

Instrument :

BNA_F

ClientSampleId :

070318-DBRI-E-D-M

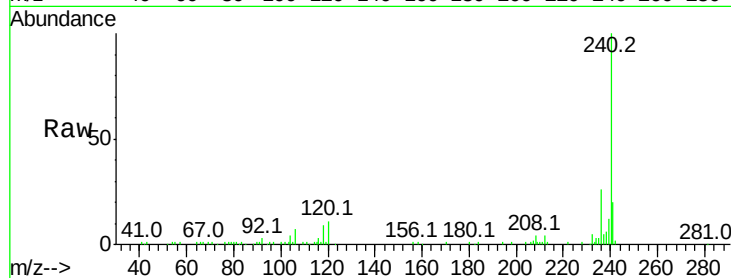
Tot Ion:240 Resp: 73119

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

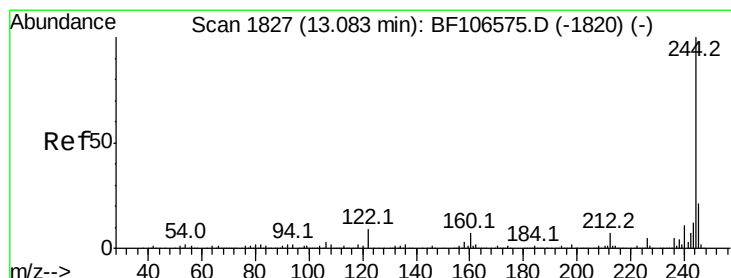
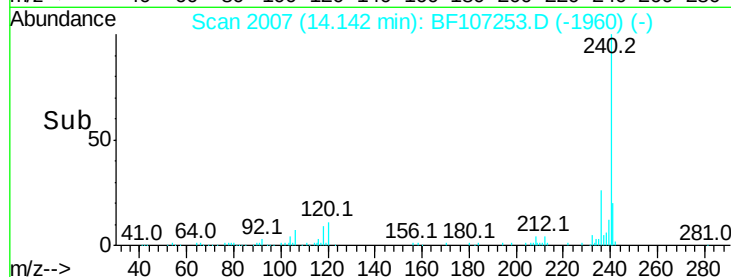
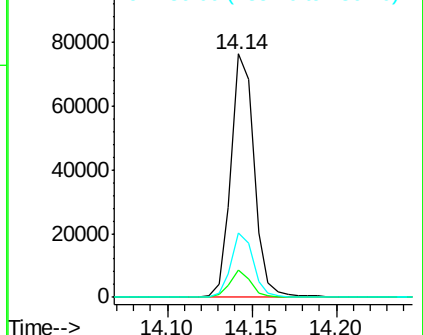
236 26.4 20.7 31.1



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: 137.861 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107253.D

Acq: 10 Jul 2018 2:50

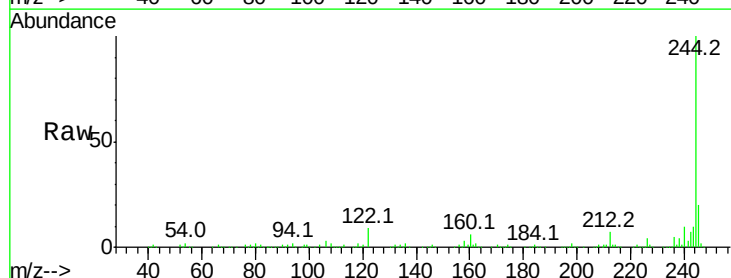
Tgt Ion:244 Resp: 416144

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

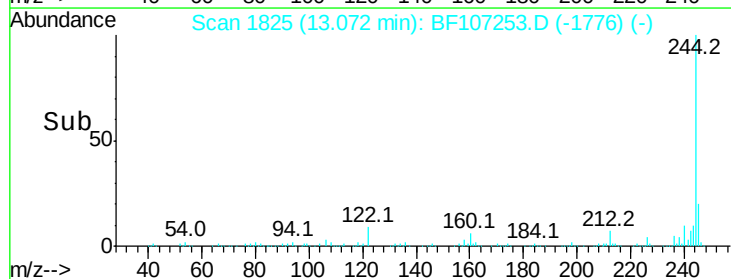
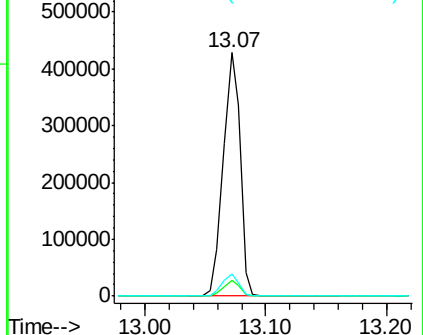
122 9.2 11.0 16.4#

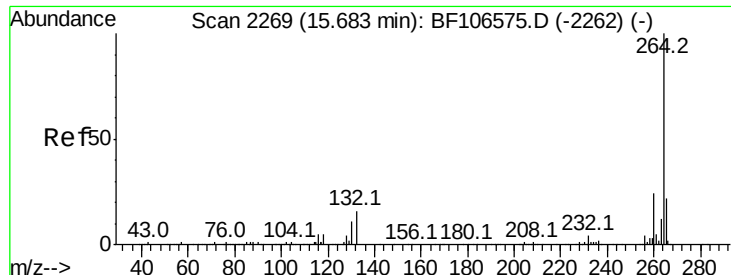


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

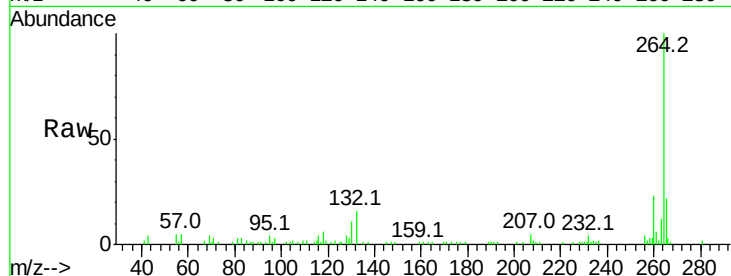




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107253.D
Acq: 10 Jul 2018 2:50

Instrument :
BNA_F
ClientSampleId :
070318-DBRI-E-D-M

Tot Ion:	264	Resp:	54557
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	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

