

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107503.D
 Acq On : 19 Jul 2018 8:55
 Operator : JU/SJ
 Sample : J4033-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-D-M

Quant Time: Jul 19 11:00:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

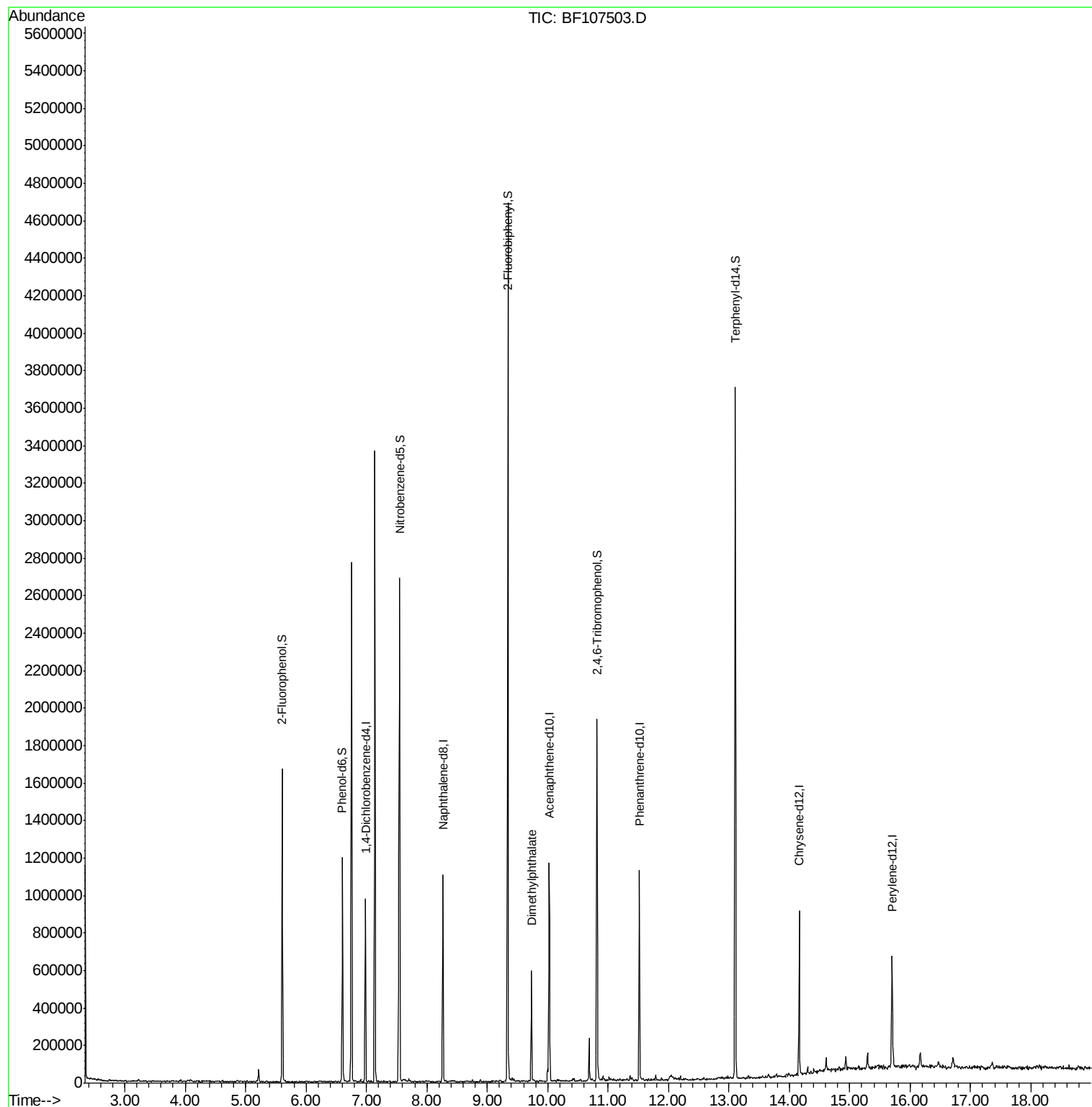
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	111648	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	401719	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	203012	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	358481	20.00	ng	0.00
75) Chrysene-d12	14.17	240	278031	20.00	ng	-0.01
86) Perylene-d12	15.70	264	231718	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	340578	46.33	ng	0.00
7) Phenol-d6	6.60	99	287729	30.27	ng	-0.01
23) Nitrobenzene-d5	7.55	82	872351	115.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	172928	96.95	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1353074	114.95	ng	0.00
78) Terphenyl-d14	13.11	244	1142302	102.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.73	163	185539	11.503	ng	98

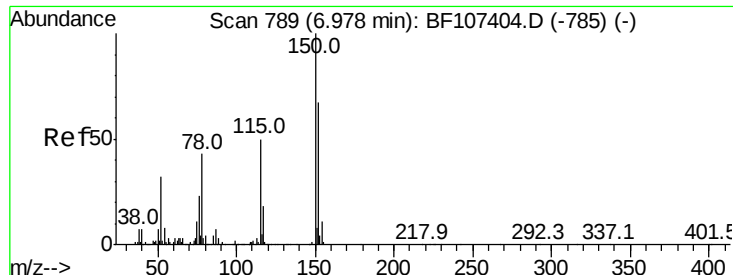
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-M

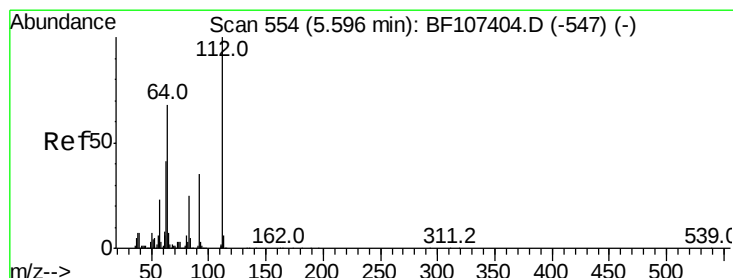
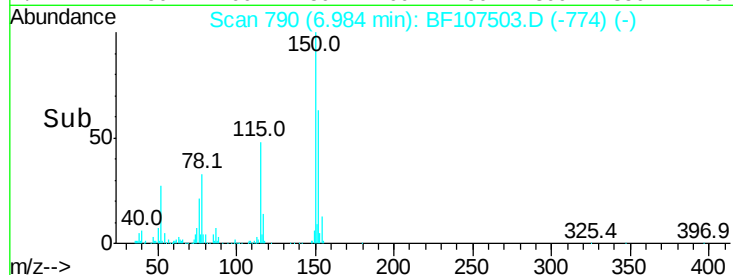
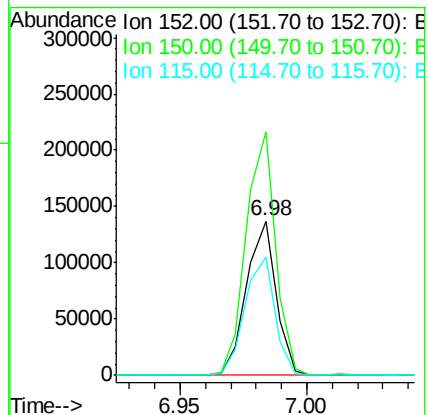
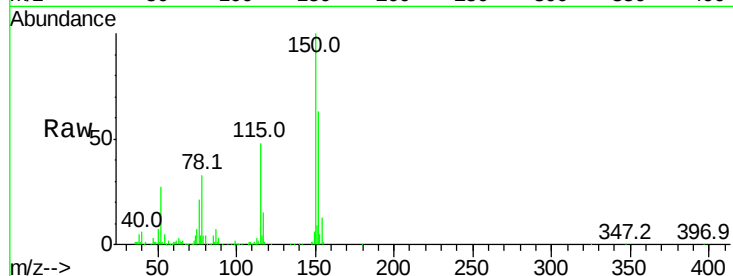
Tot Ion:152 Resp: 111648

Ion Ratio Lower Upper

152 100

150 157.9 124.6 186.8

115 76.6 50.1 75.1#



#5

2-Fluorophenol

Concen: 46.329 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

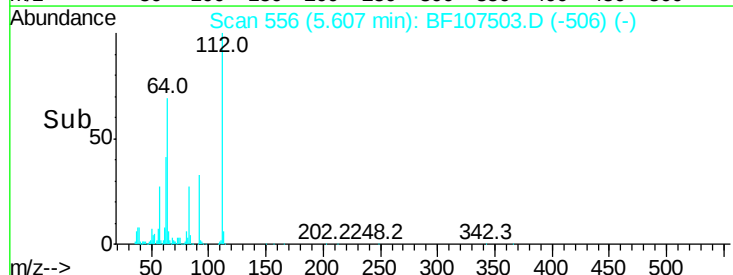
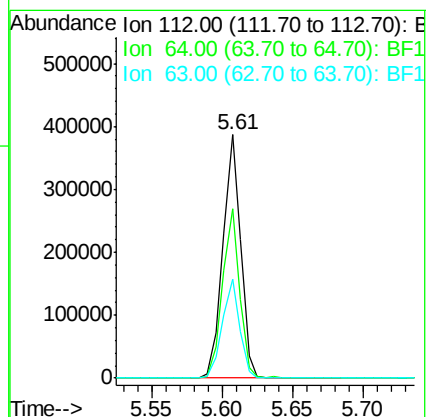
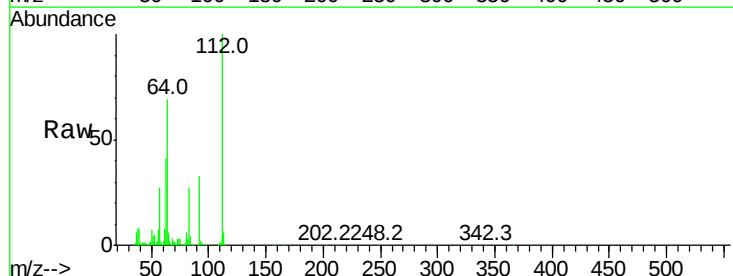
Tgt Ion:112 Resp: 340578

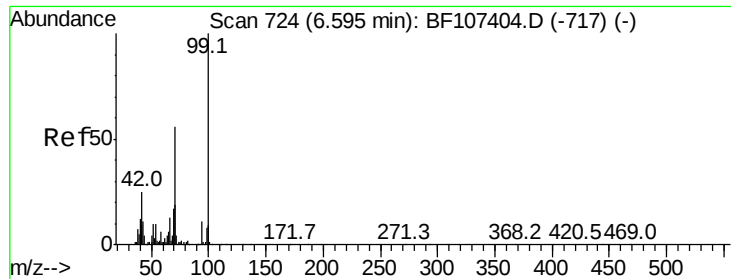
Ion Ratio Lower Upper

112 100

64 69.4 47.9 71.9

63 40.9 23.7 35.5#





#7

Phenol-d6

Concen: 30.273 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-M

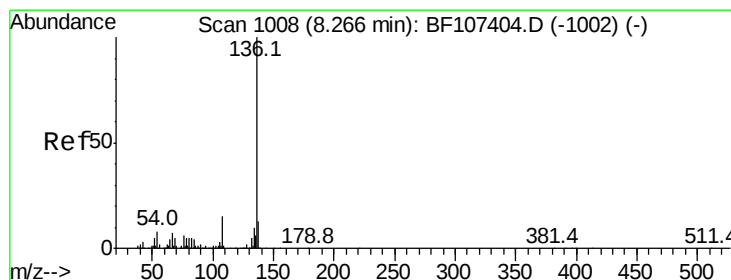
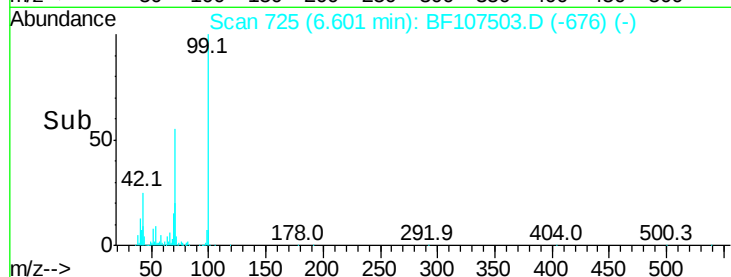
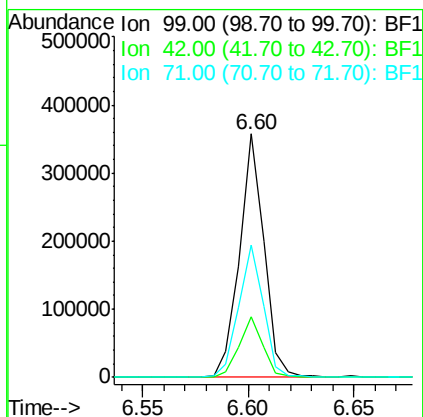
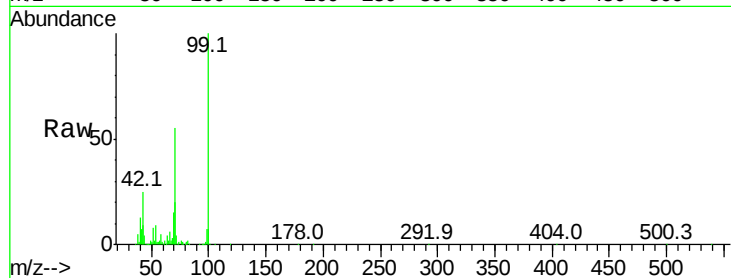
Tot Ion: 99 Resp: 287729

Ion Ratio Lower Upper

99 100

42 24.9 14.5 21.7#

71 54.5 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

Tgt Ion: 136 Resp: 401719

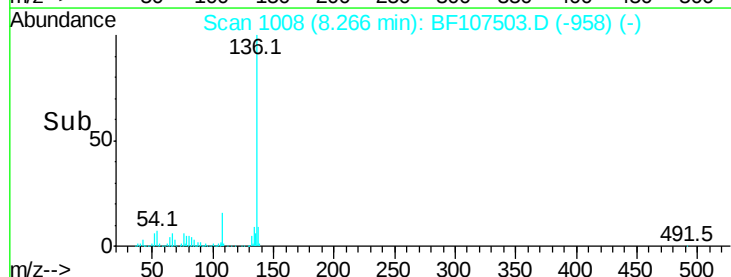
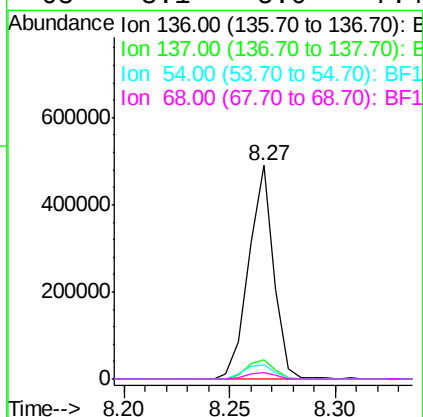
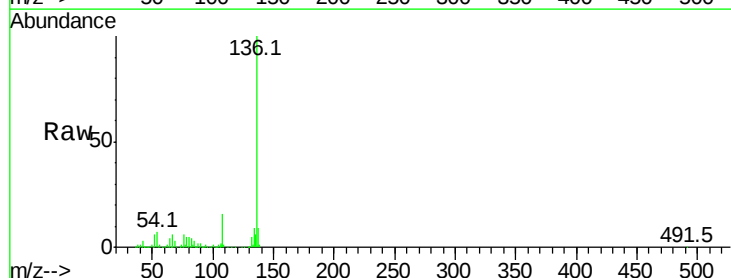
Ion Ratio Lower Upper

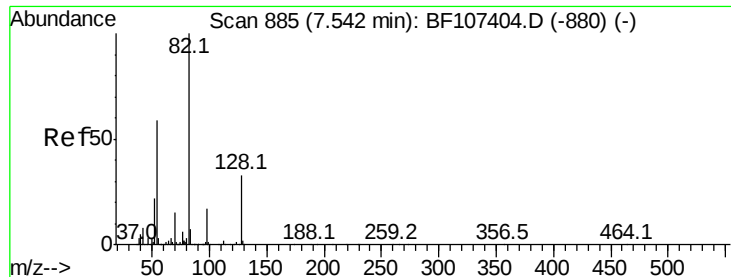
136 100

137 8.9 8.9 13.3

54 6.8 6.6 9.8

68 3.1 5.0 7.4#

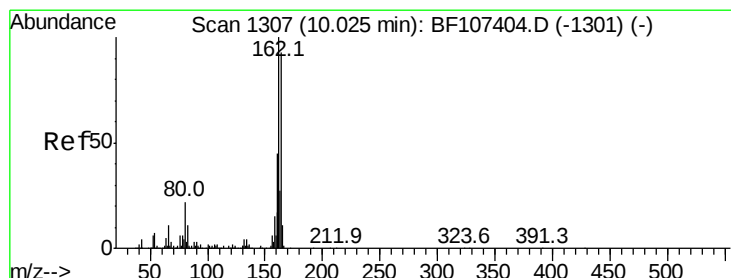
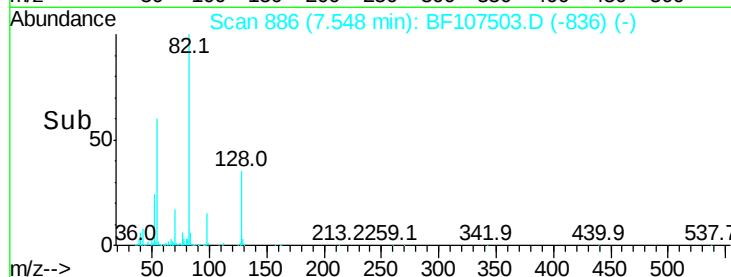
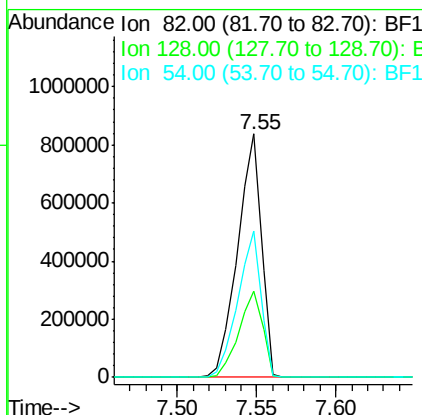
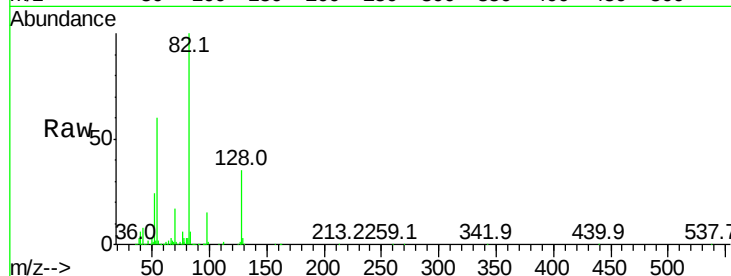




#23
 Nitrobenzene-d5
 Concen: 115.796 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107503.D
 Acq: 19 Jul 2018 8:55

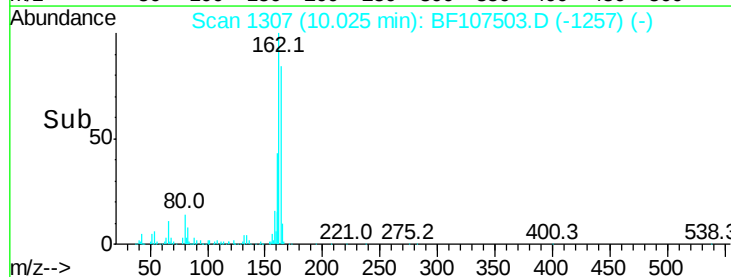
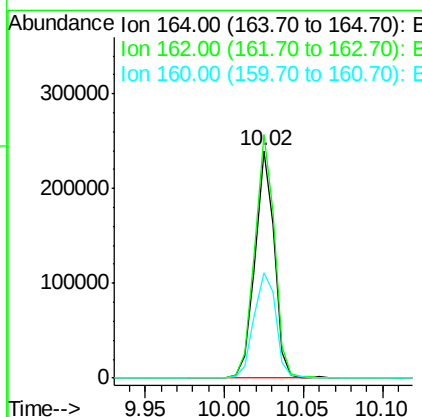
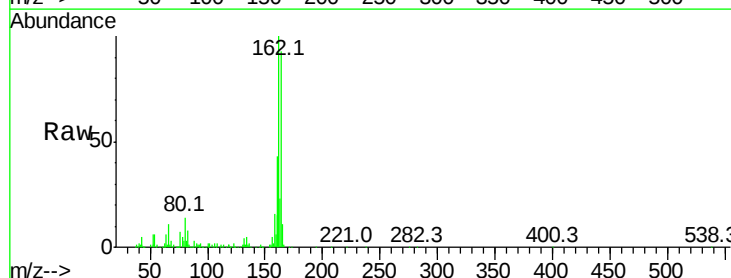
Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-D-M

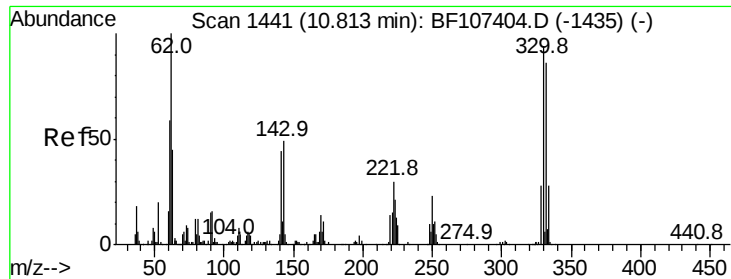
Tot Ion: 82 Resp: 872351
 Ion Ratio Lower Upper
 82 100
 128 35.4 36.1 54.1#
 54 60.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107503.D
 Acq: 19 Jul 2018 8:55

Tgt Ion: 164 Resp: 203012
 Ion Ratio Lower Upper
 164 100
 162 107.2 86.1 129.1
 160 46.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 96.949 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-M

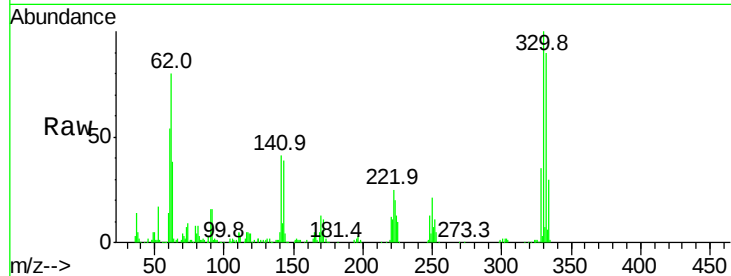
Tot Ion:330 Resp: 172928

Ion Ratio Lower Upper

330 100

332 91.6 77.0 115.6

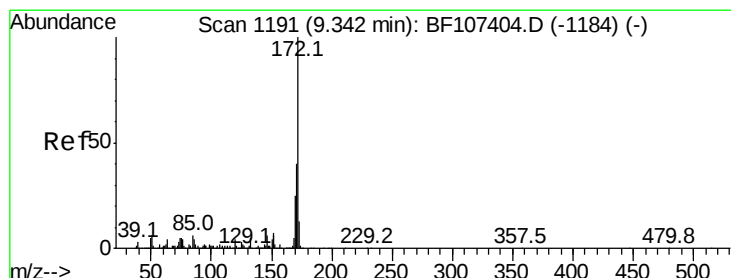
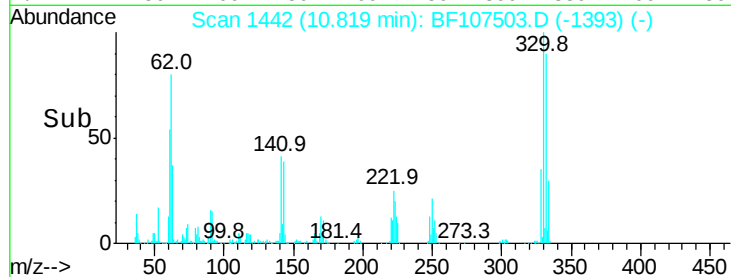
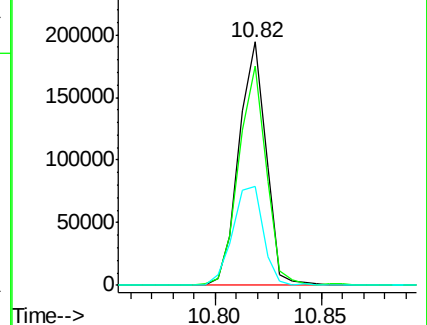
141 46.6 29.9 44.9#



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: 114.947 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

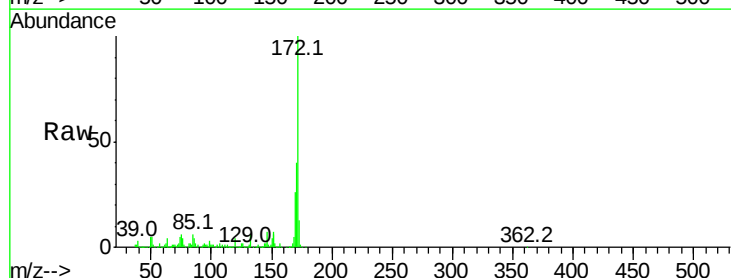
Tgt Ion:172 Resp: 1353074

Ion Ratio Lower Upper

172 100

171 39.7 29.7 44.5

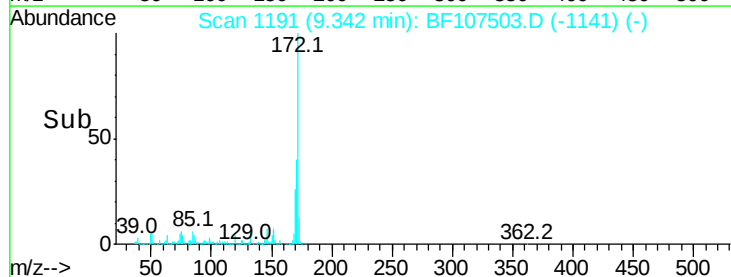
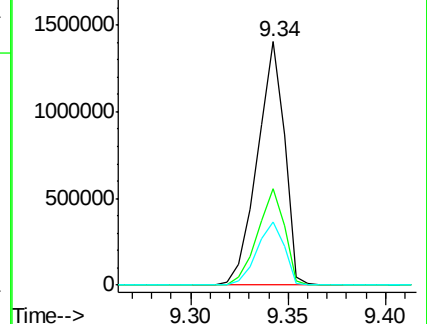
170 25.7 19.6 29.4

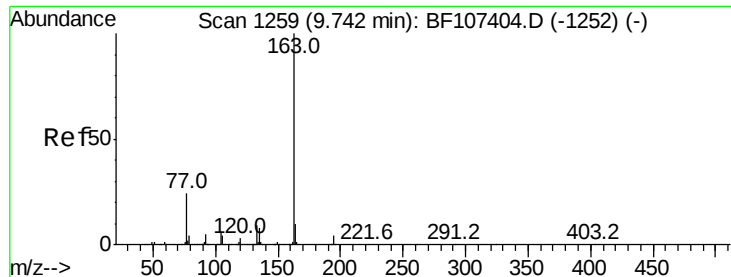


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

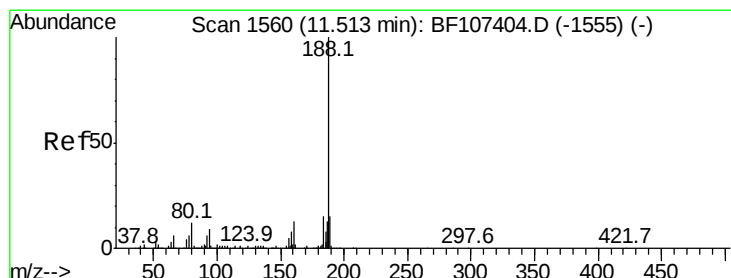
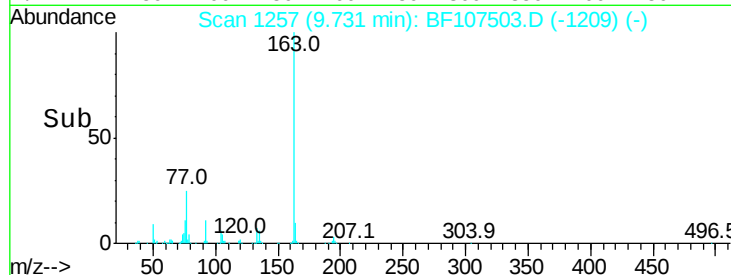
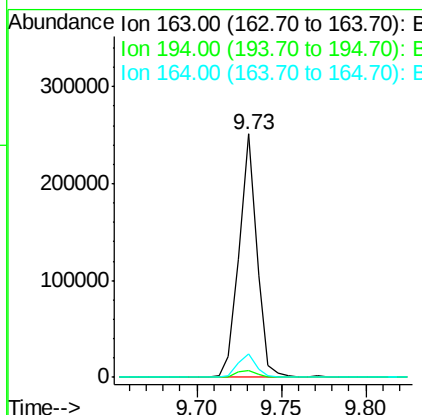
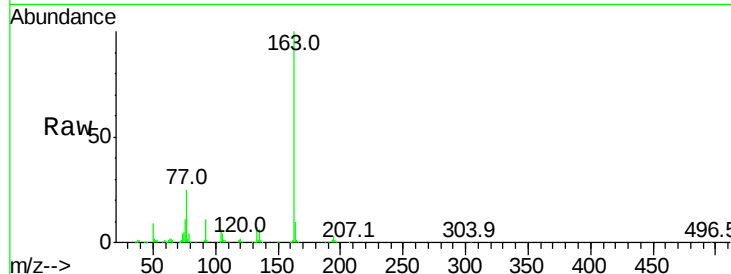




#49
Dimethylphthalate
Concen: 11.503 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107503.D
Acq: 19 Jul 2018 8:55

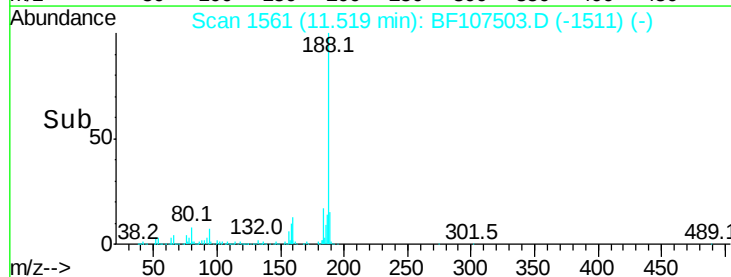
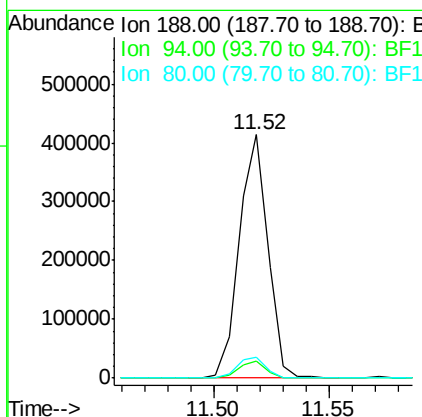
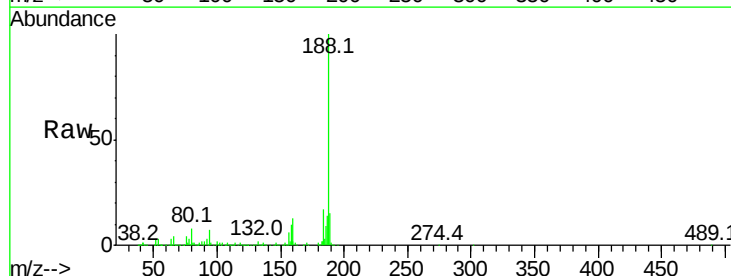
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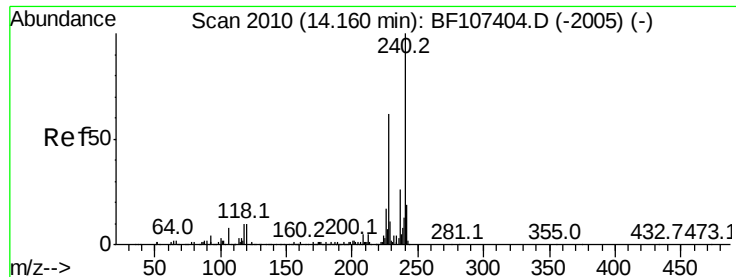
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	9.7	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107503.D
Acq: 19 Jul 2018 8:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	8.4	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

Instrument :

BNA_F

ClientSampleId :

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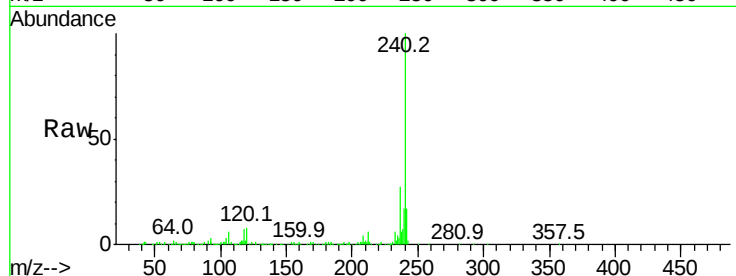
Tot Ion:240 Resp: 278031

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

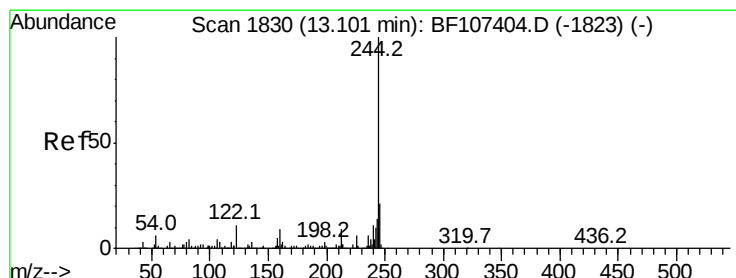
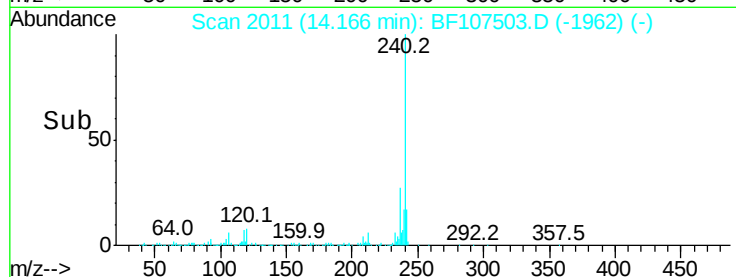
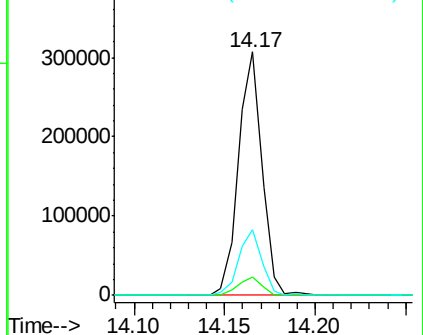
236 27.2 20.7 31.1



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: 102.080 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107503.D

Acq: 19 Jul 2018 8:55

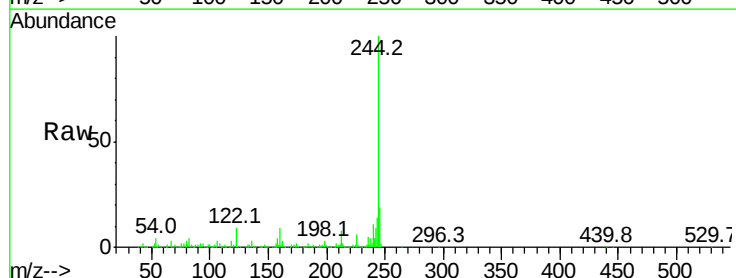
Tgt Ion:244 Resp: 1142302

Ion Ratio Lower Upper

244 100

212 8.4 5.4 8.0#

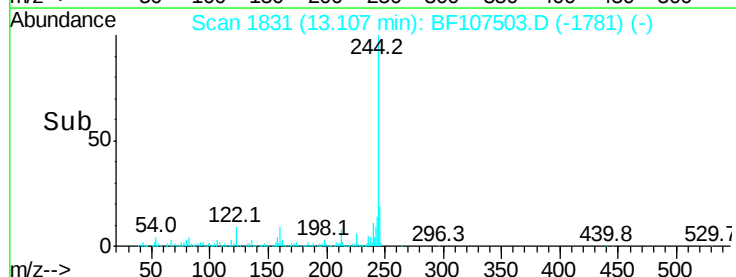
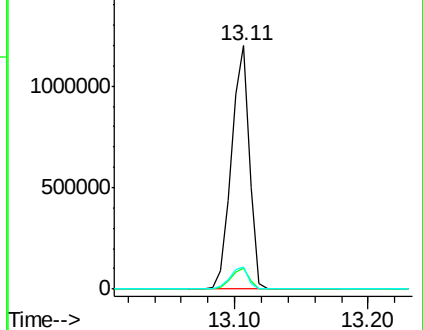
122 9.2 11.0 16.4#

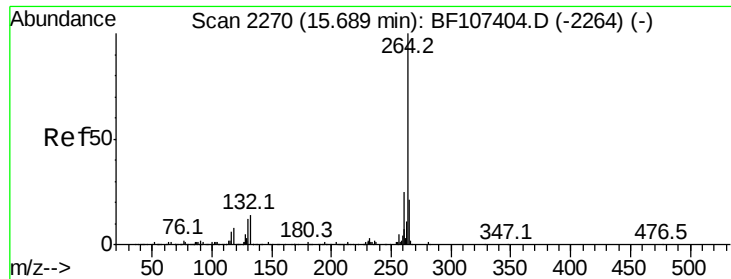


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF107503.D
Acq: 19 Jul 2018 8:55

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	31.6	19.2	28.8#
265	24.1	17.5	26.3

