

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107658.D
 Acq On : 25 Jul 2018 15:46
 Operator : JU/SJ
 Sample : J3821-11 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-C

Quant Time: Jul 25 18:18:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

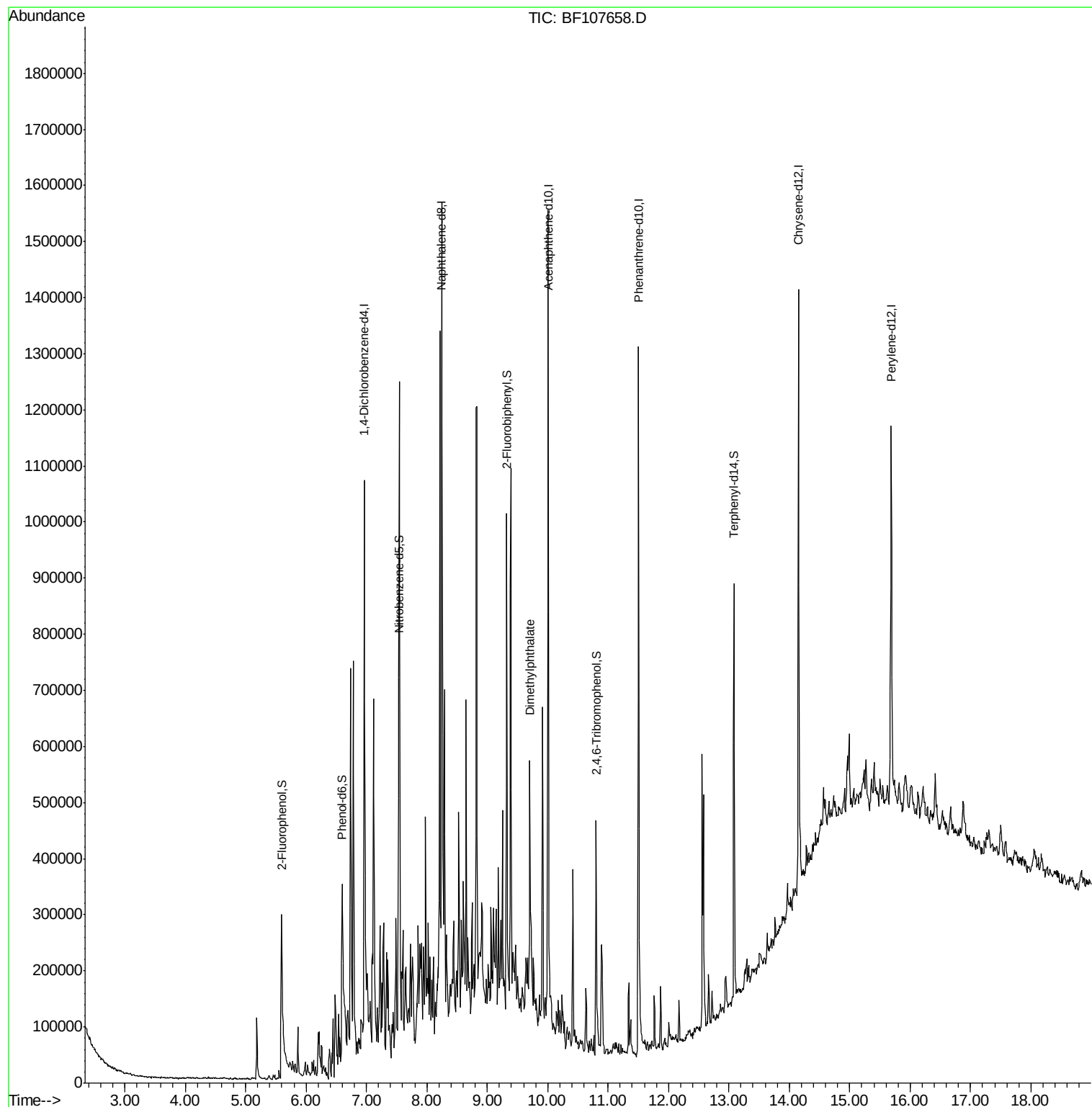
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	198943	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	789705	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	312442	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	562931	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	442451	20.00	ng	-0.01
86) Perylene-d12	15.69	264	376157	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	218349	17.65	ng	-0.01
7) Phenol-d6	6.60	99	276139	18.59	ng	-0.02
23) Nitrobenzene-d5	7.53	82	175021	14.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	70560	19.86	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	333626	11.57	ng	-0.02
78) Terphenyl-d14	13.08	244	275111	15.92	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	57416	2.438	ng	# 97

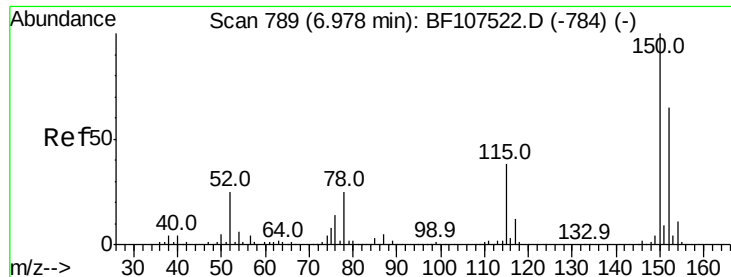
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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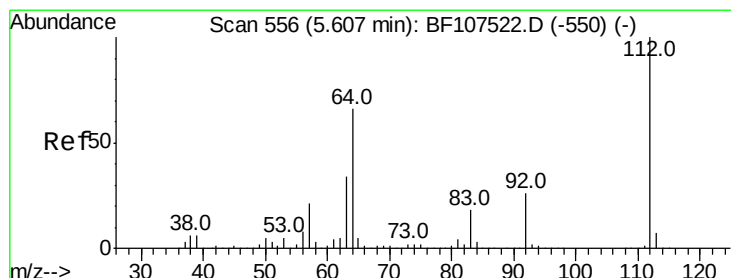
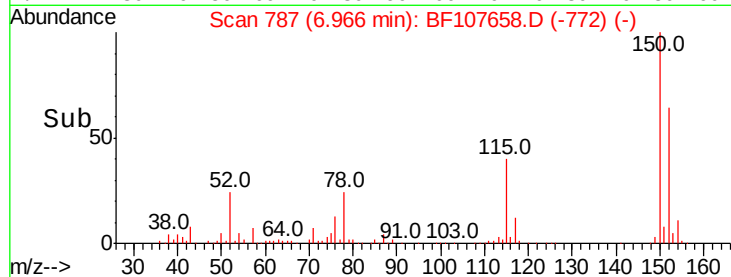
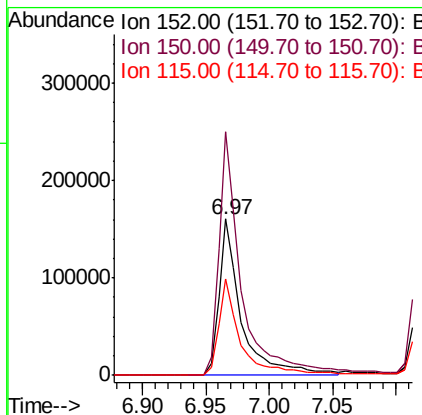
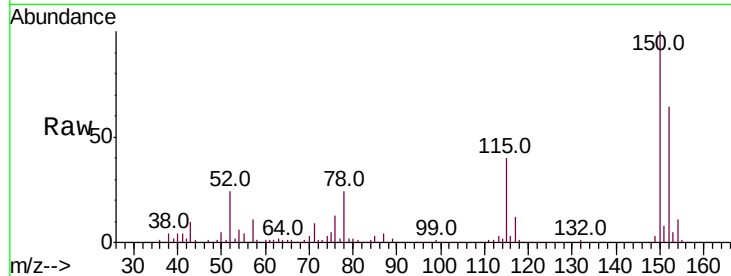


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107658.D
 Acq: 25 Jul 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-C

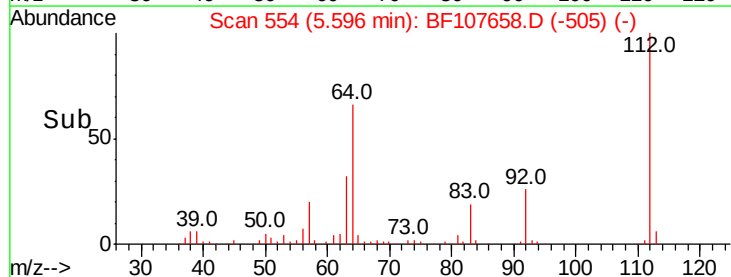
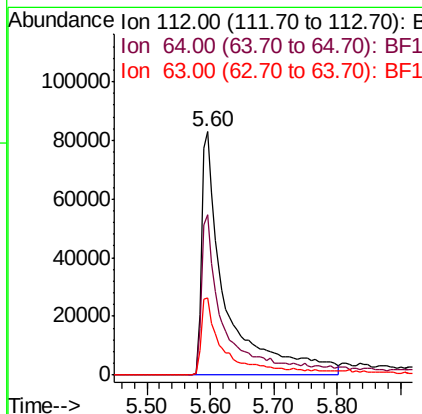
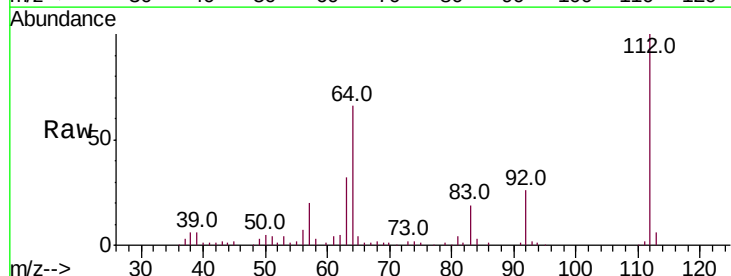
Tot Ion:152 Resp: 198943
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 61.8 50.1 75.1

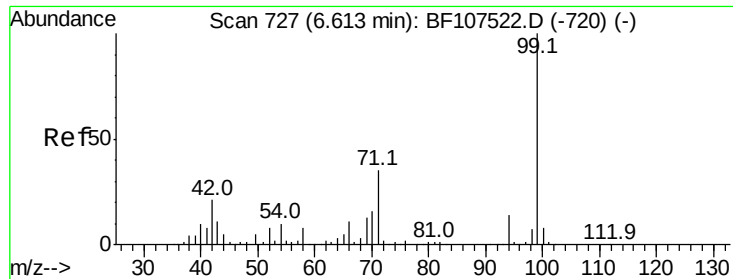


#5

2-Fluorophenol
 Concen: 17.646 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107658.D
 Acq: 25 Jul 2018 15:46

Tgt Ion:112 Resp: 218349
 Ion Ratio Lower Upper
 112 100
 64 66.1 47.9 71.9
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 18.586 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107658.D

Acq: 25 Jul 2018 15:46

Instrument :

BNA_F

ClientSampleId :

HR-06-072418-C

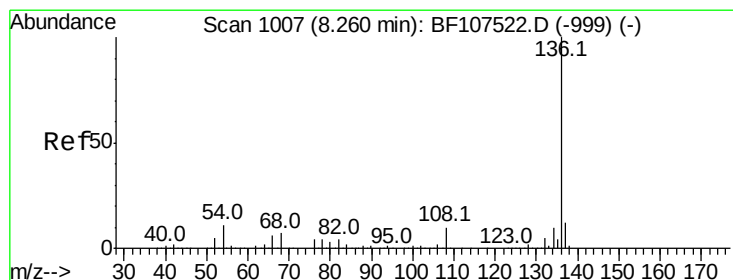
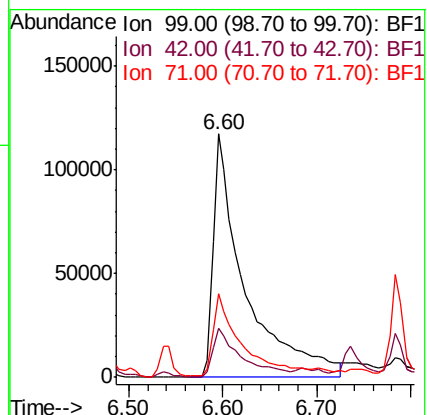
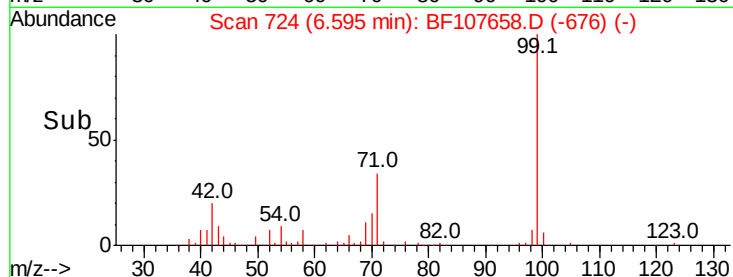
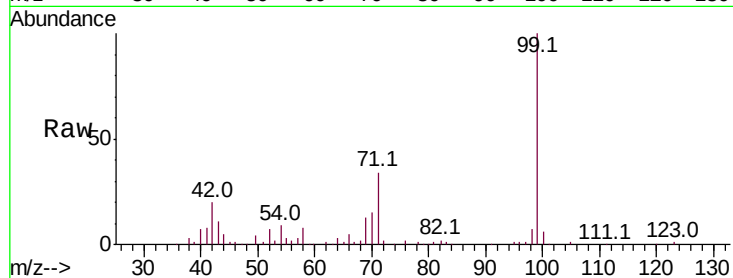
Tot Ion: 99 Resp: 276139

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 34.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107658.D

Acq: 25 Jul 2018 15:46

Tgt Ion: 136 Resp: 789705

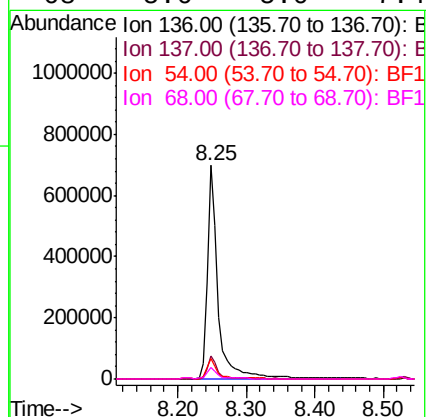
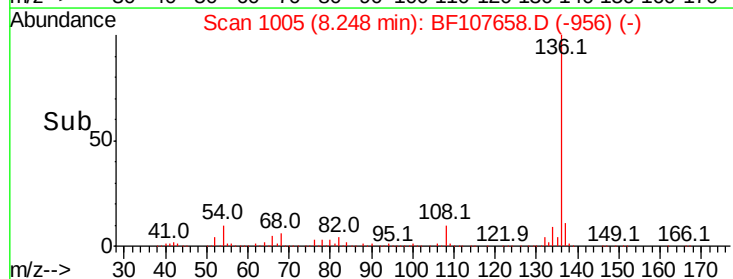
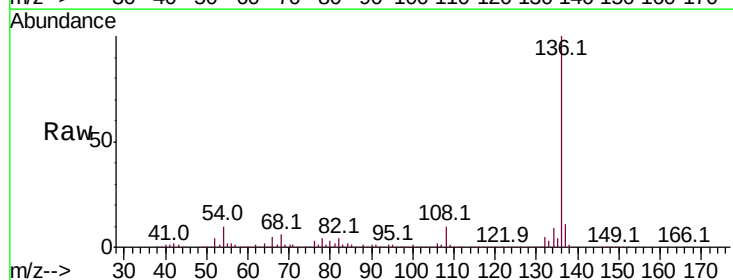
Ion Ratio Lower Upper

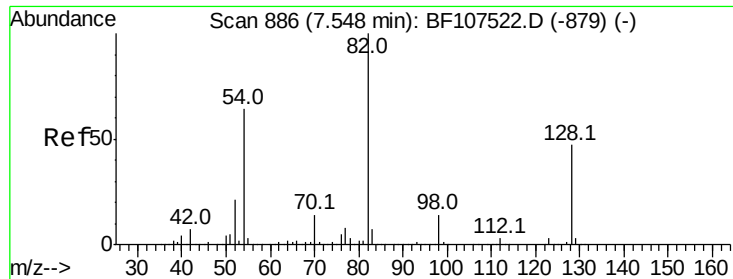
136 100

137 10.6 8.9 13.3

54 9.8 6.6 9.8

68 5.6 5.0 7.4

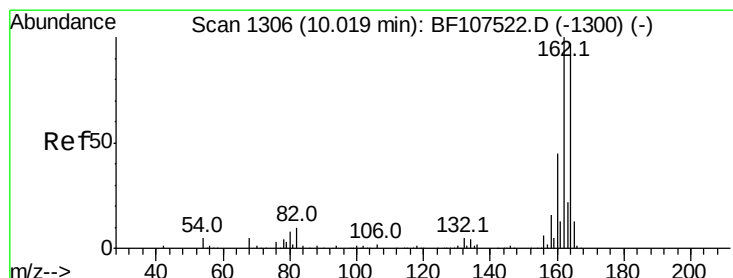
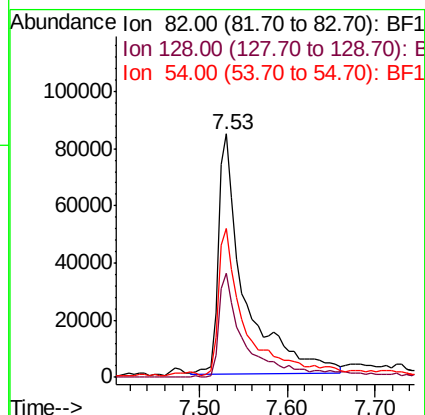
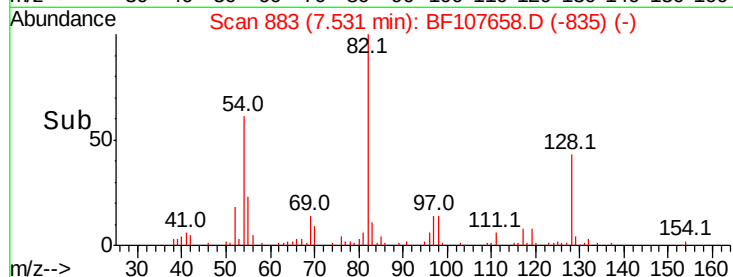
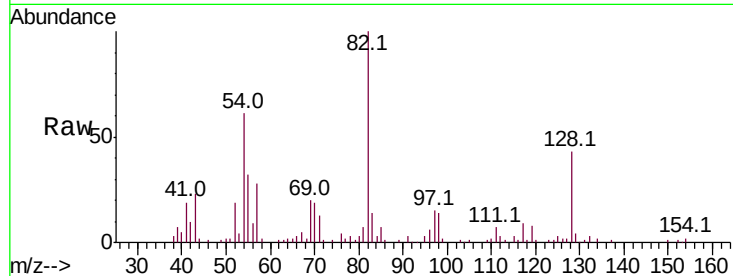




#23
 Nitrobenzene-d5
 Concen: 14.957 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107658.D
 Acq: 25 Jul 2018 15:46

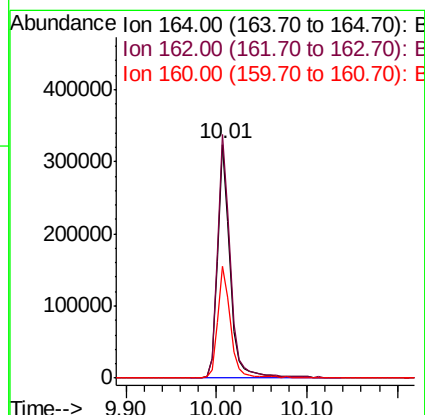
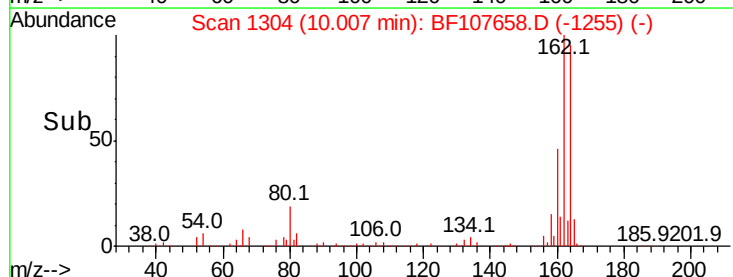
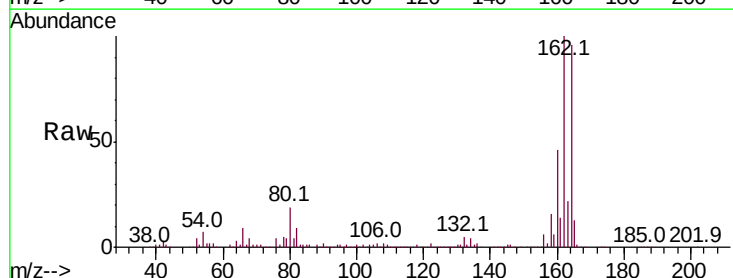
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-C

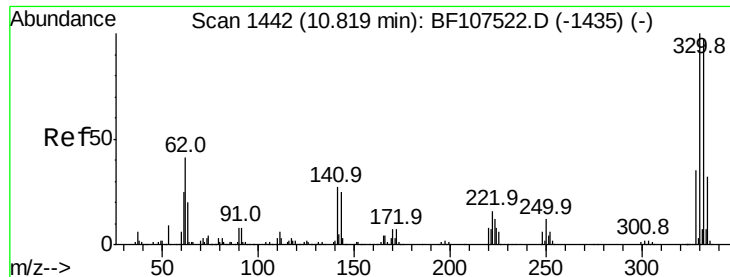
Tot Ion: 82 Resp: 175021
 Ion Ratio Lower Upper
 82 100
 128 42.8 36.1 54.1
 54 61.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107658.D
 Acq: 25 Jul 2018 15:46

Tgt Ion:164 Resp: 312442
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 48.0 38.3 57.5

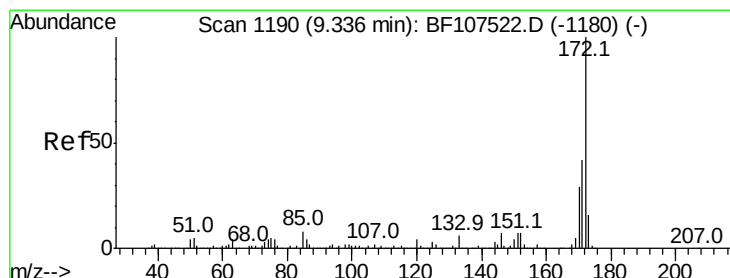
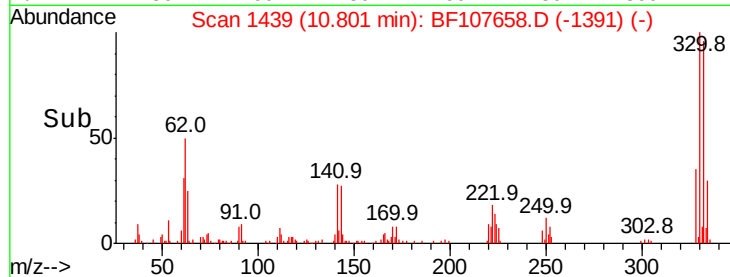
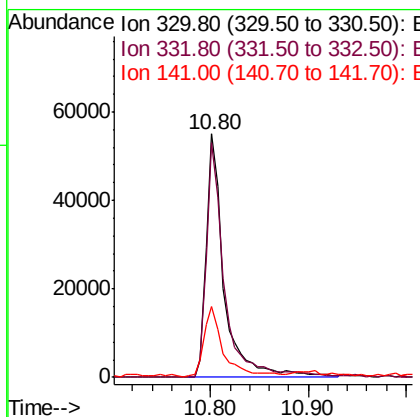
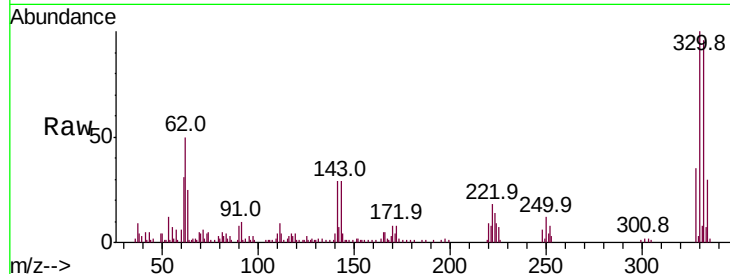




#41
 2,4,6-Tribromophenol
 Concen: 19.860 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107658.D
 Acq: 25 Jul 2018 15:46

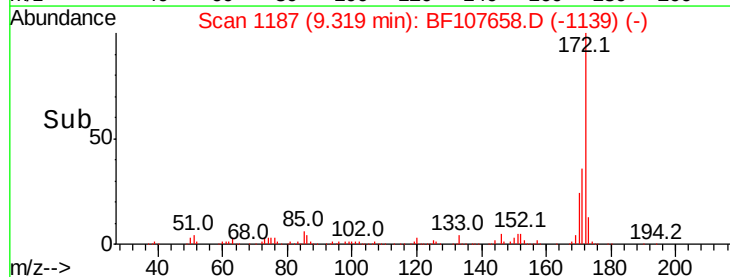
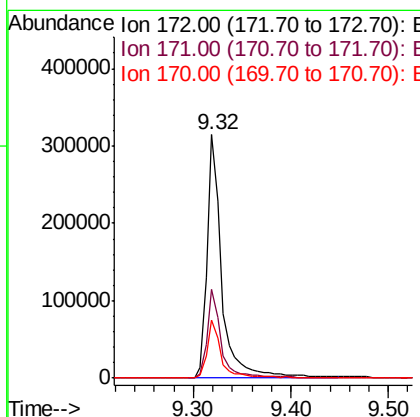
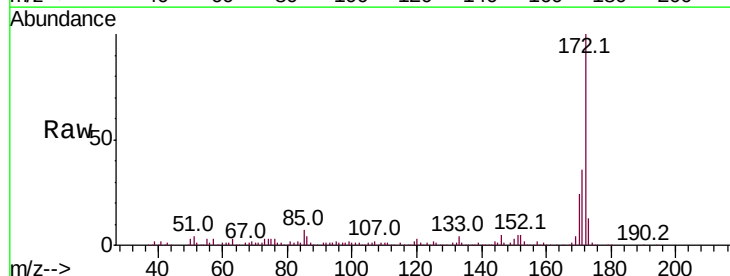
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-C

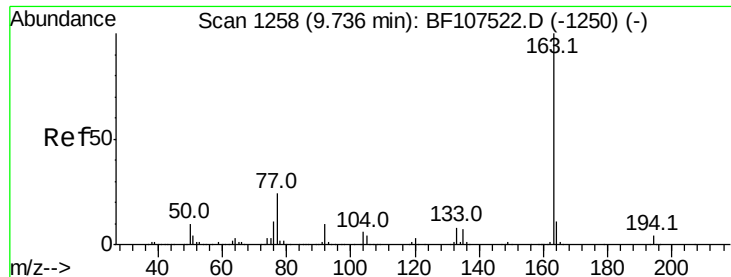
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 11.568 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107658.D
 Acq: 25 Jul 2018 15:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4

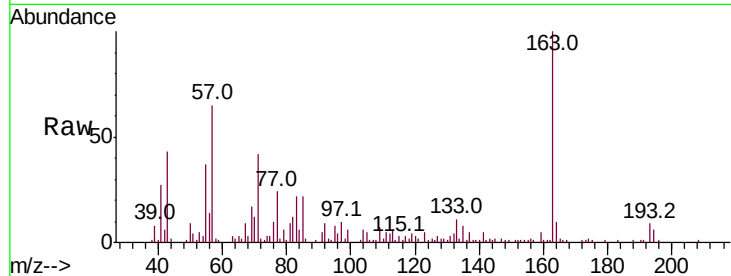




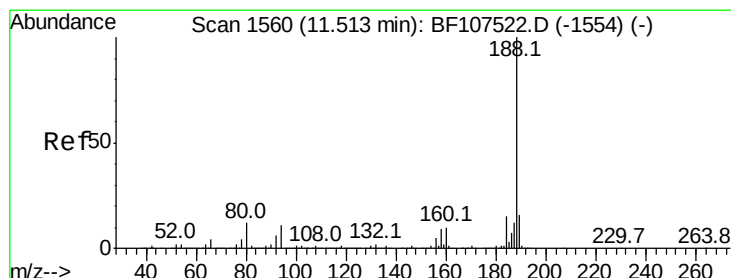
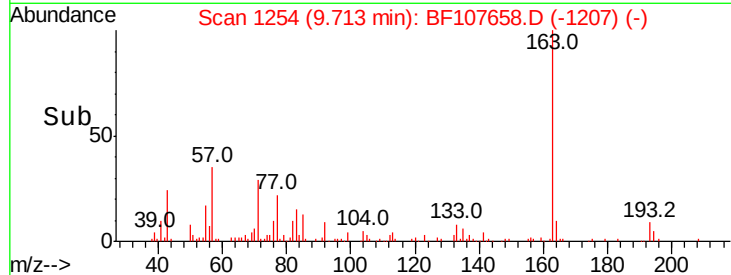
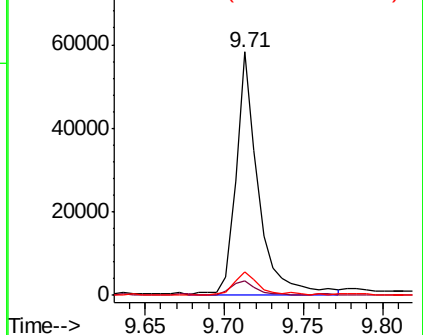
#49
Dimethylphthalate
Concen: 2.438 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tot Ion:163 Resp: 57416
Ion Ratio Lower Upper
163 100
194 5.8 2.7 4.1#
164 9.7 8.2 12.2

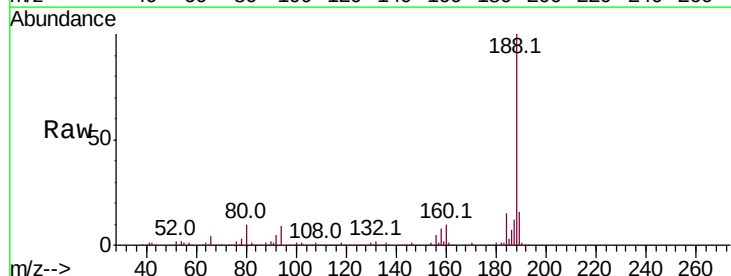


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

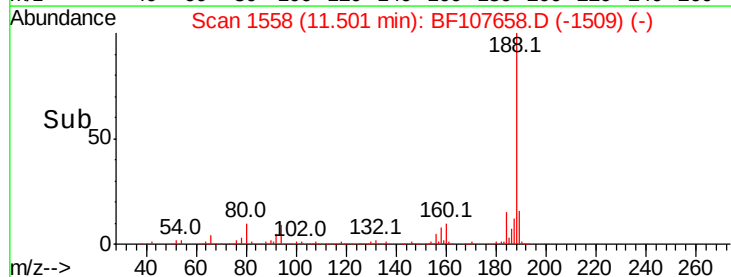
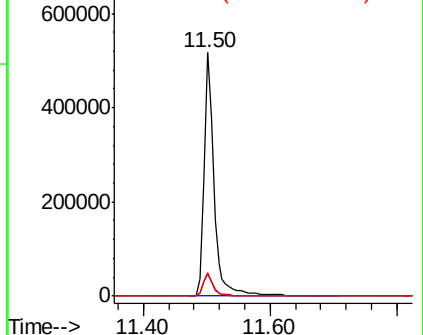


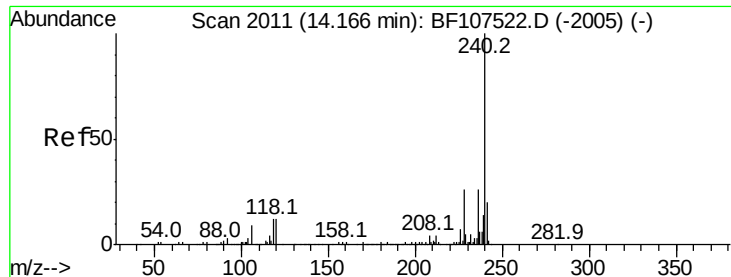
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:188 Resp: 562931
Ion Ratio Lower Upper
188 100
94 9.2 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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107658.D

Acq: 25 Jul 2018 15:46

Instrument :

BNA_F

ClientSampleId :

HR-06-072418-C

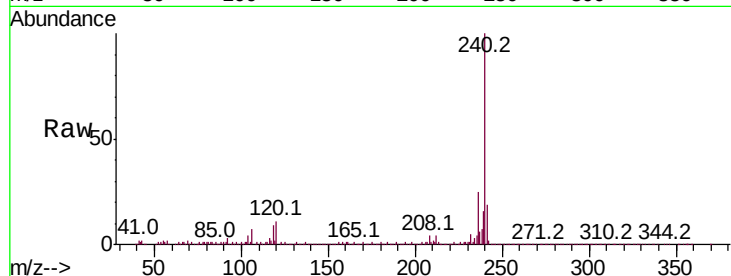
Tot Ion:240 Resp: 442451

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

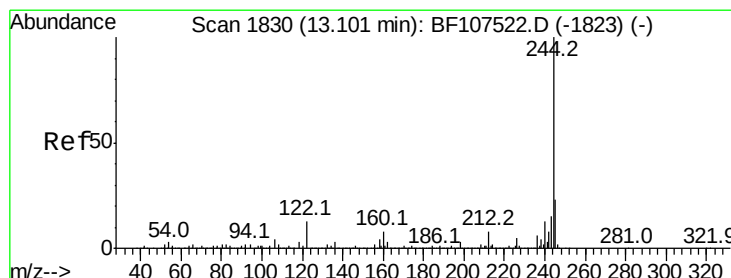
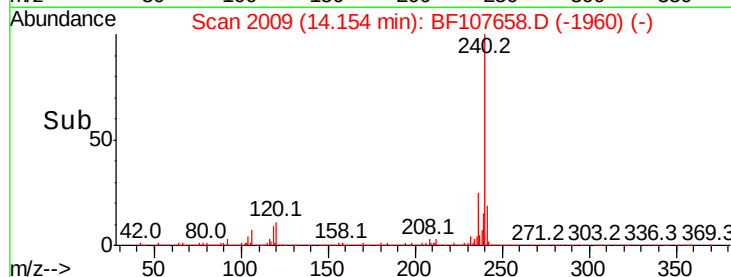
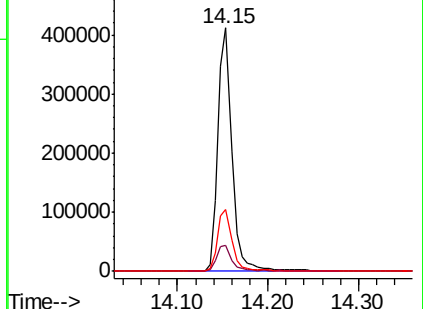
236 25.5 20.7 31.1



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: 15.918 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107658.D

Acq: 25 Jul 2018 15:46

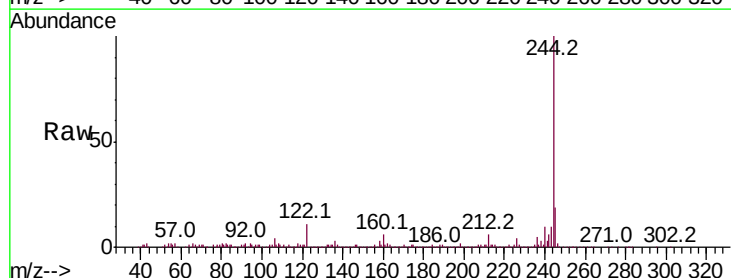
Tgt Ion:244 Resp: 275111

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

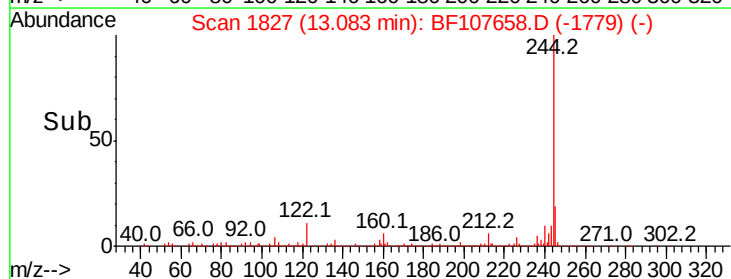
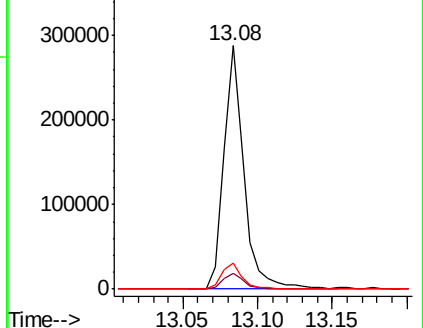
122 10.5 11.0 16.4#

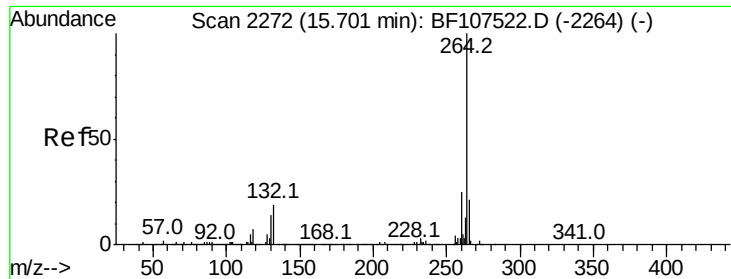


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107658.D
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Instrument :
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HR-06-072418-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	17.5	26.3

