

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107466.D
 Acq On : 18 Jul 2018 10:14
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111180BL

Quant Time: Jul 18 12:10:36 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	127558	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	476393	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263632	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	590973	20.00	ng	0.00
75) Chrysene-d12	14.17	240	549742	20.00	ng	0.00
86) Perylene-d12	15.71	264	346090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	847304	100.88	ng	0.01
7) Phenol-d6	6.61	99	1093358	100.69	ng	0.00
23) Nitrobenzene-d5	7.55	82	823632	92.19	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	262846	113.48	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1389010	88.26	ng	0.00
78) Terphenyl-d14	13.11	244	1662703	75.15	ng	0.00

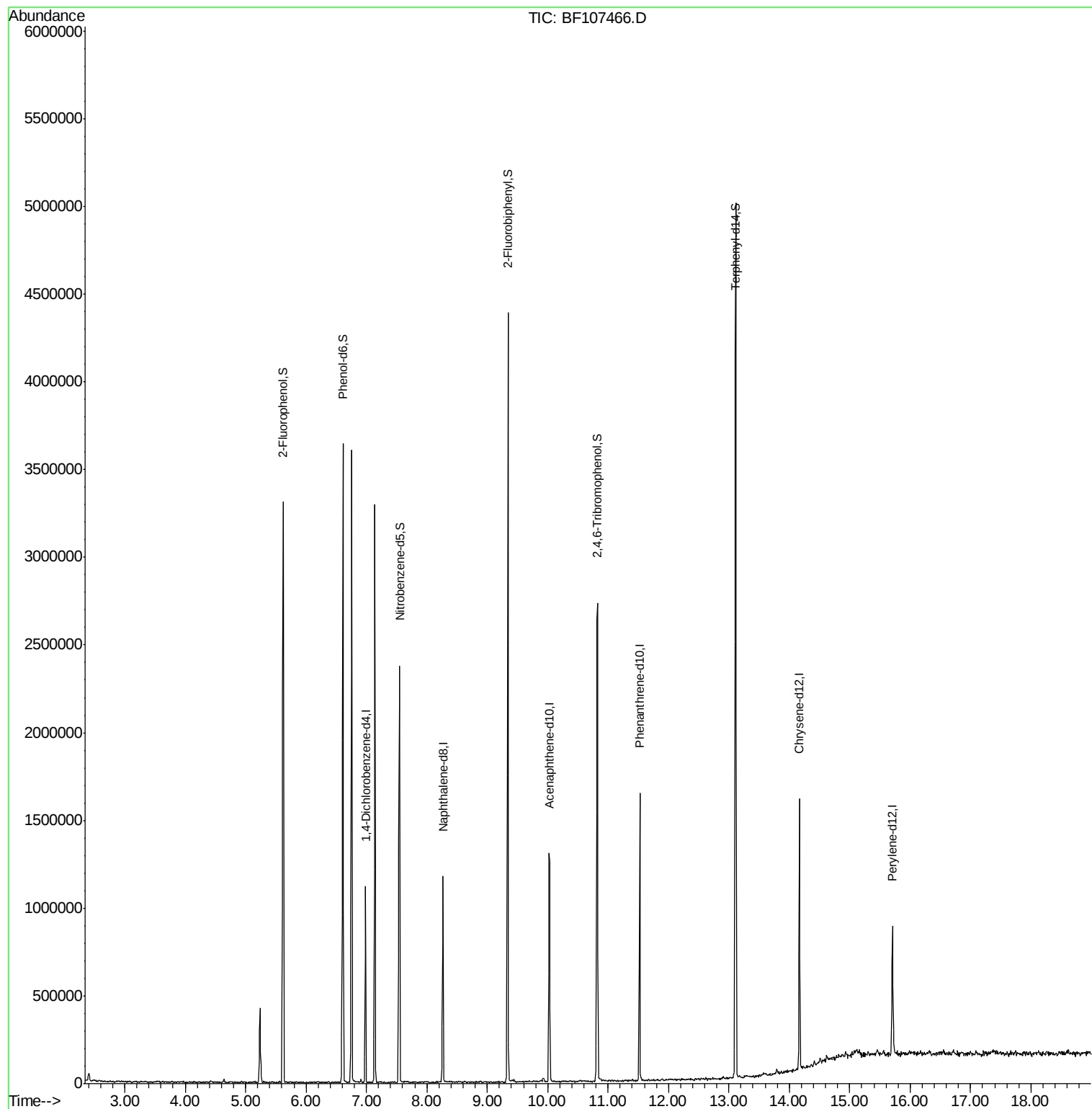
Target Compounds Qvalue

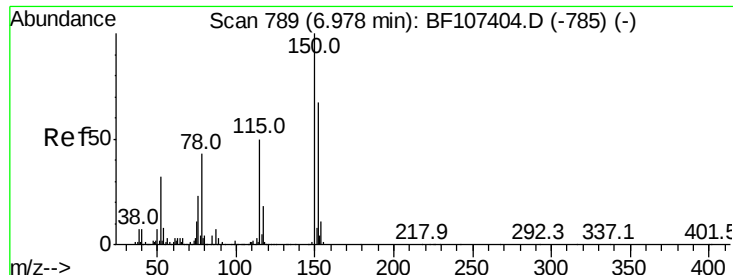
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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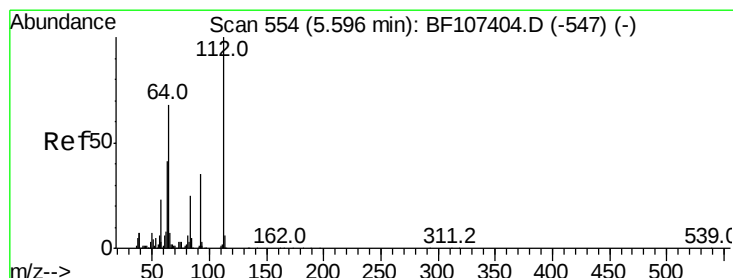
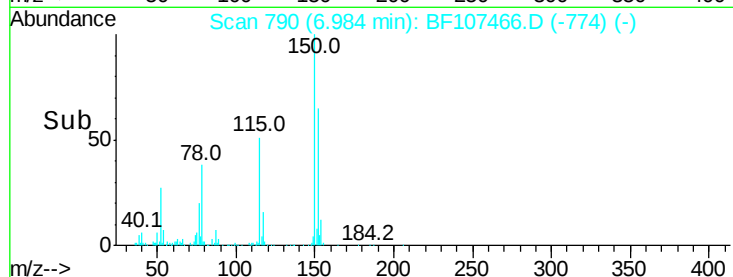
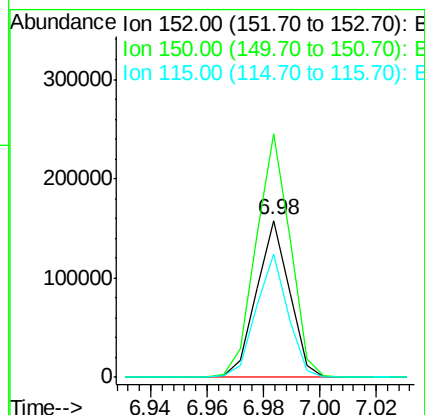
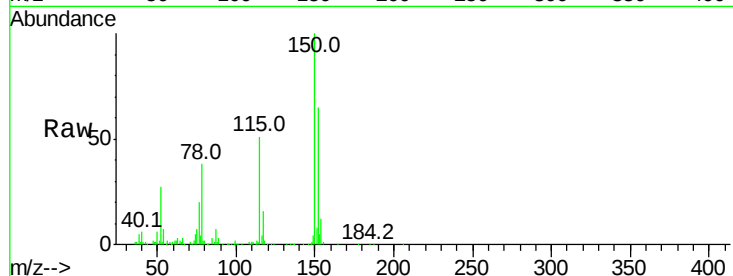


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
PB111180BL

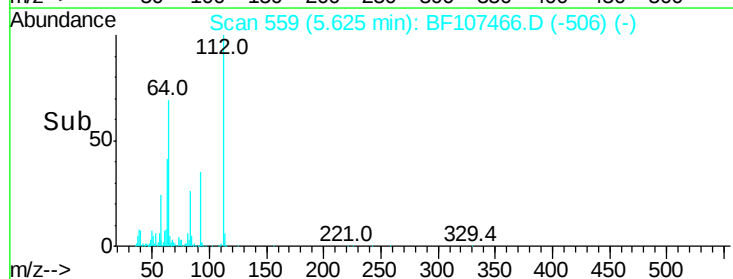
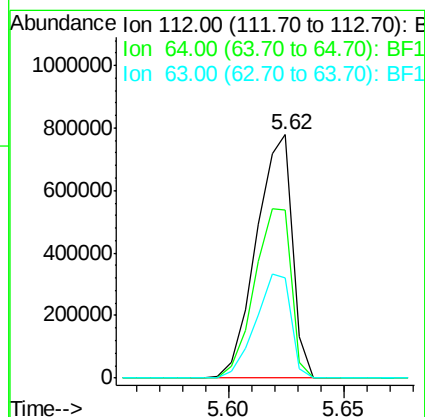
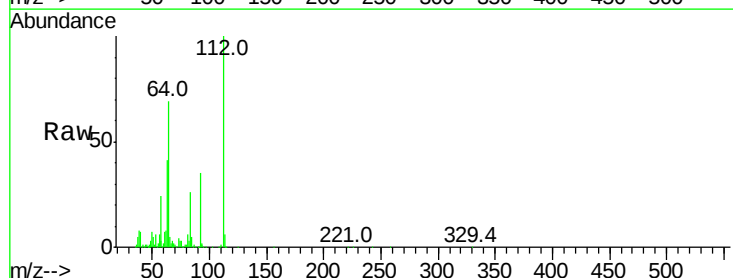
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	78.4	50.1	75.1#

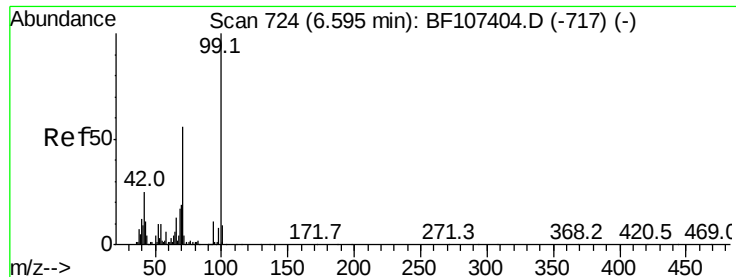


#5

2-Fluorophenol
Concen: 100.882 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	41.1	23.7	35.5#





#7

Phenol-d6

Concen: 100.688 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

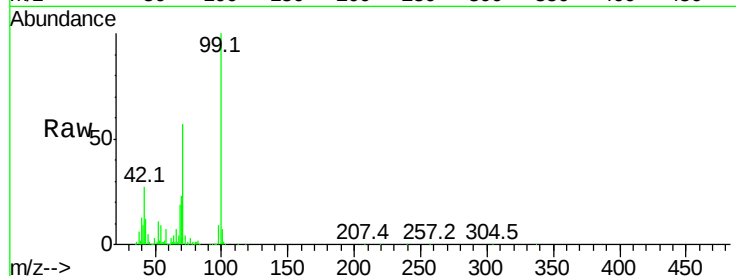
Tot Ion: 99 Resp: 1093358

Ion Ratio Lower Upper

99 100

42 27.4 14.5 21.7#

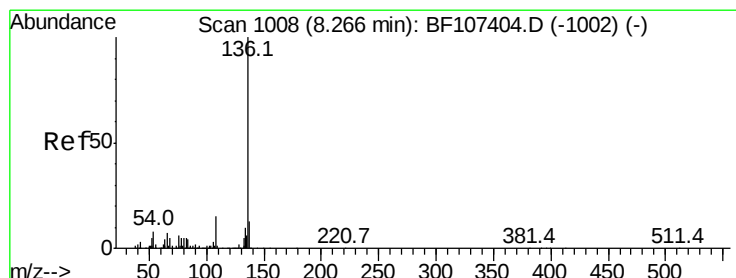
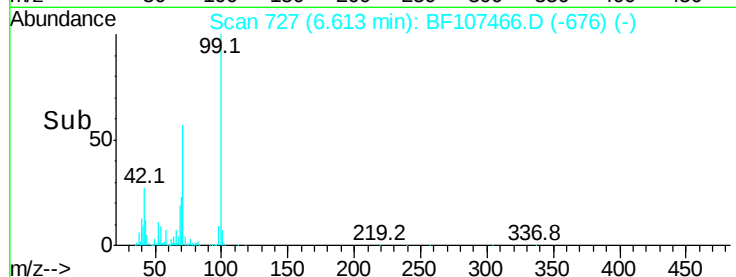
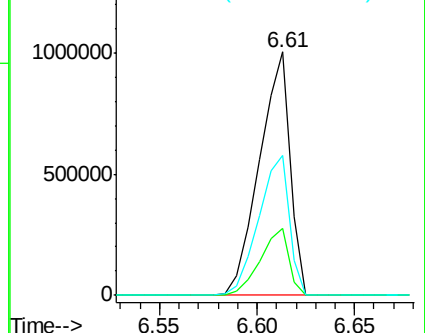
71 57.2 25.4 38.0#



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: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Tgt Ion: 136 Resp: 476393

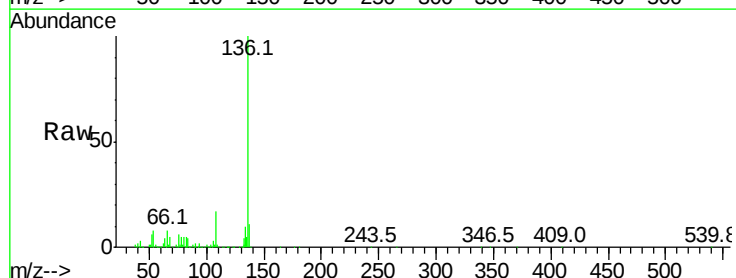
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.5 6.6 9.8

68 4.8 5.0 7.4#

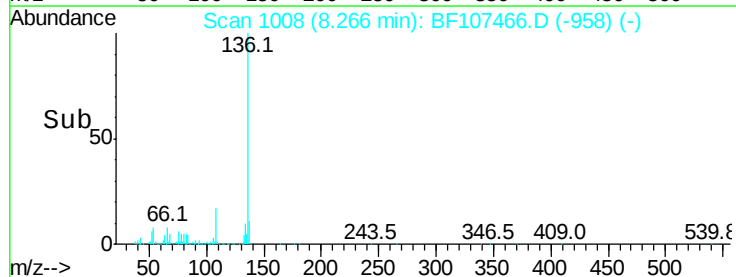
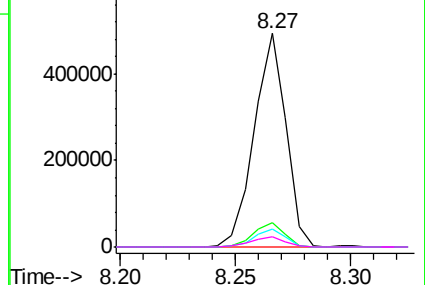


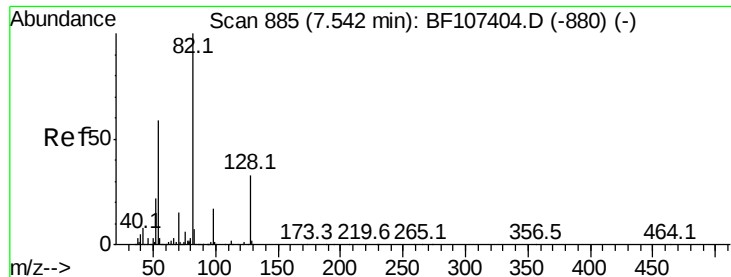
Abundance Ion 136.00 (135.70 to 136.70): E

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

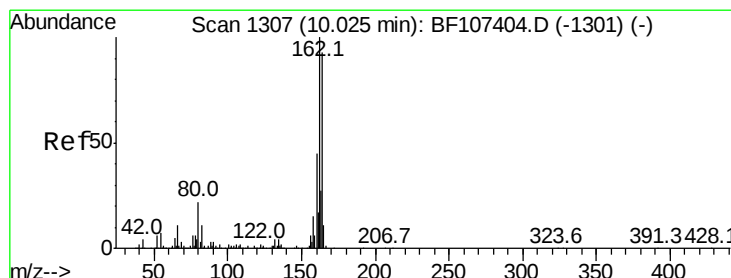
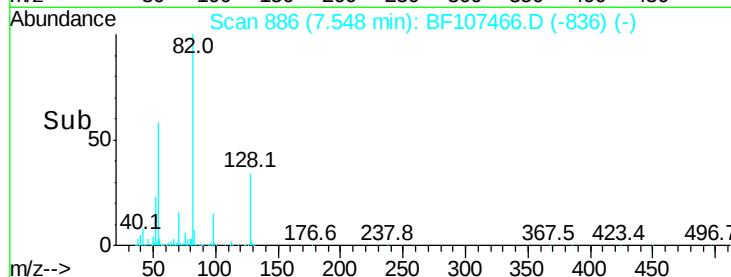
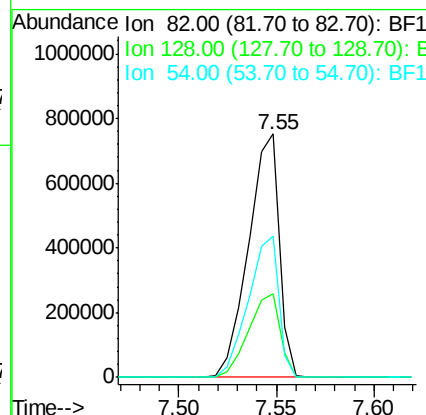
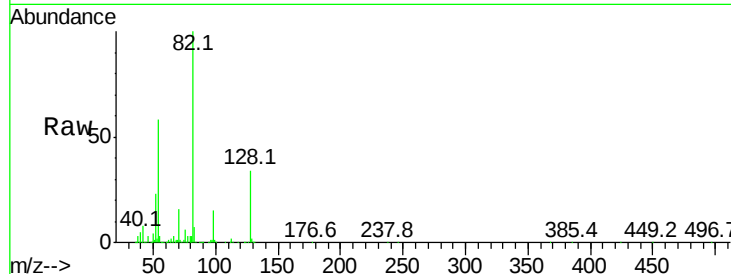




#23
Nitrobenzene-d5
Concen: 92.192 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

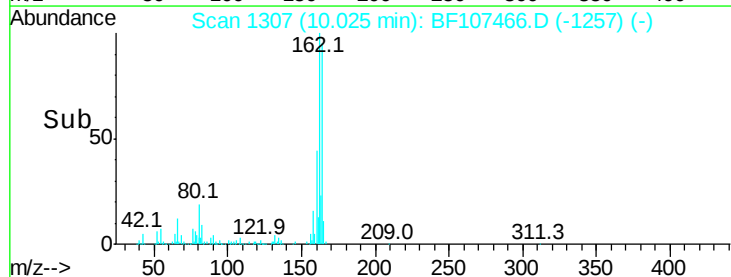
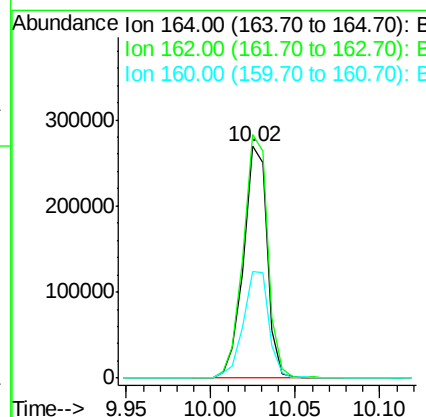
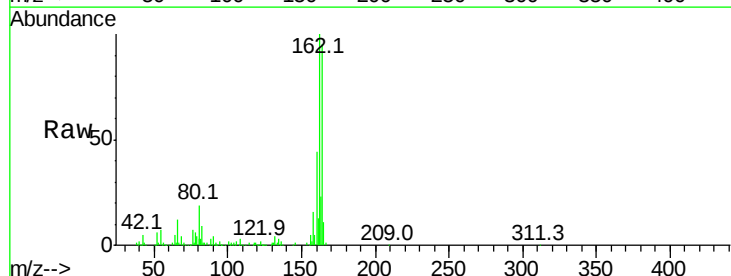
Instrument :
BNA_F
ClientSampleId :
PB111180BL

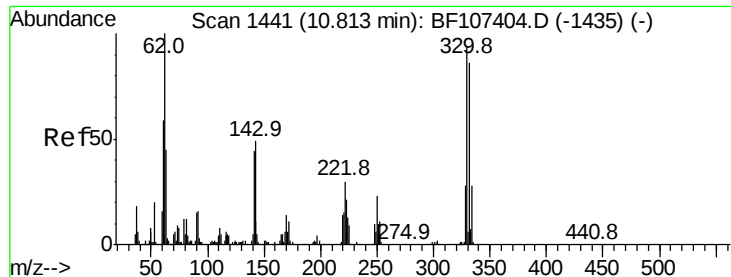
Tot Ion	82	Resp	823632
Ion Ratio	Lower	Upper	
82	100		
128	34.2	36.1	54.1#
54	58.0	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107466.D
Acq: 18 Jul 2018 10:14

Tgt Ion	164	Resp	263632
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	46.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 113.476 ng

RT: 10.82 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

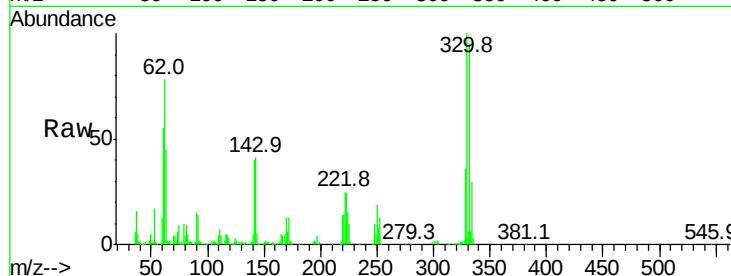
Tot Ion:330 Resp: 262846

Ion Ratio Lower Upper

330 100

332 99.5 77.0 115.6

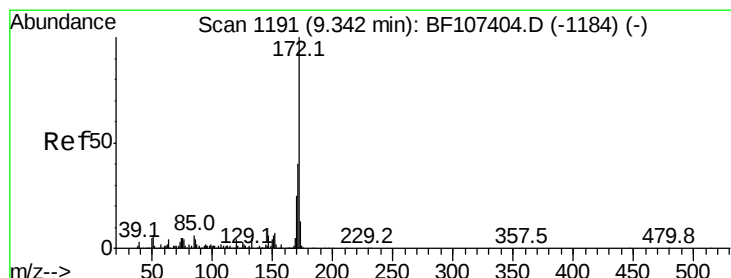
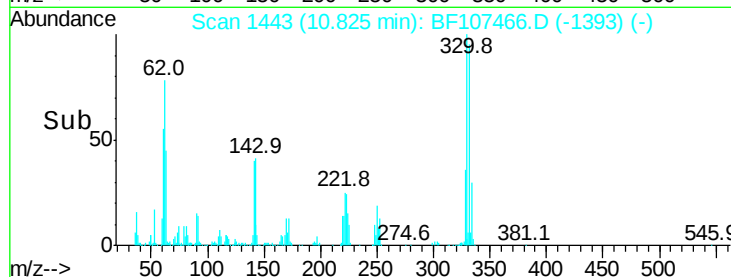
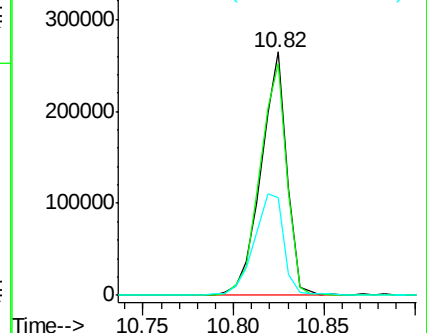
141 48.1 29.9 44.9#



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: 88.264 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

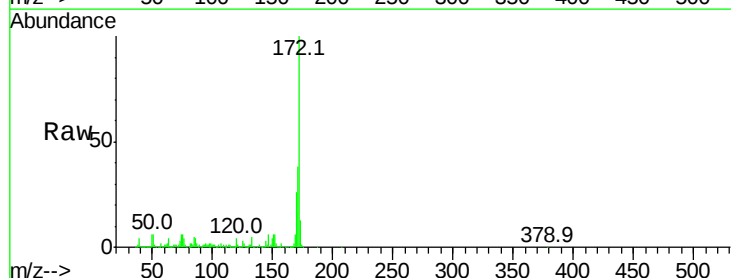
Tgt Ion:172 Resp: 1389010

Ion Ratio Lower Upper

172 100

171 38.3 29.7 44.5

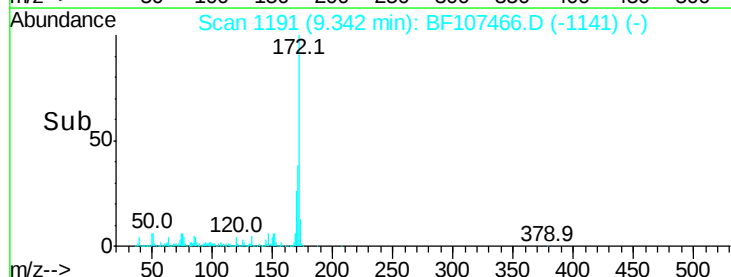
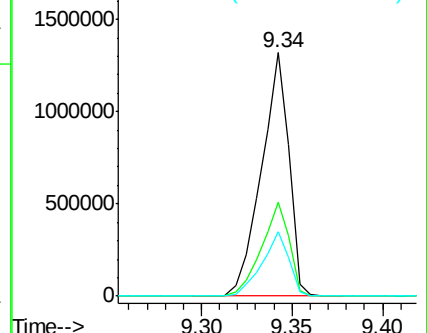
170 26.2 19.6 29.4

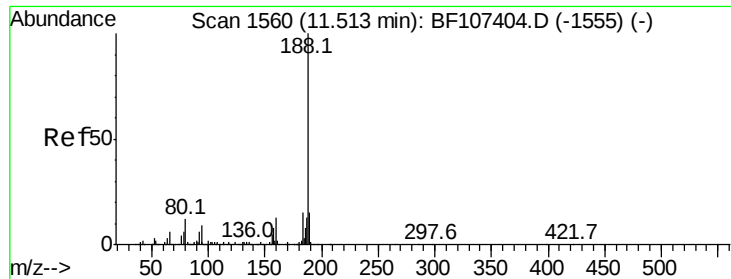


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

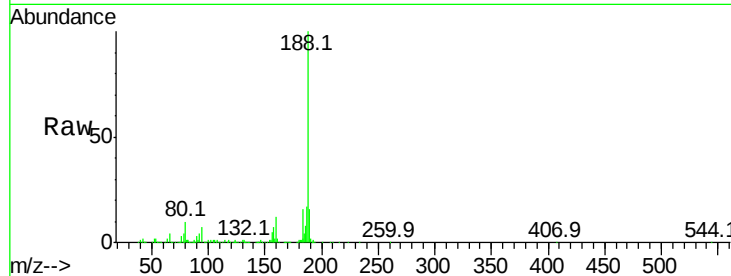
Tot Ion:188 Resp: 590973

Ion Ratio Lower Upper

188 100

94 7.2 8.5 12.7#

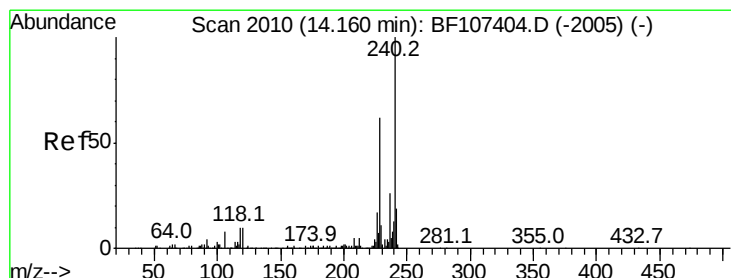
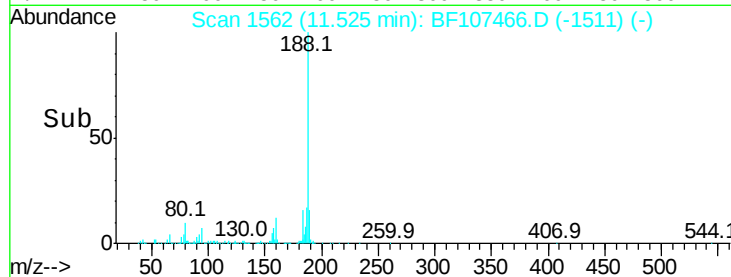
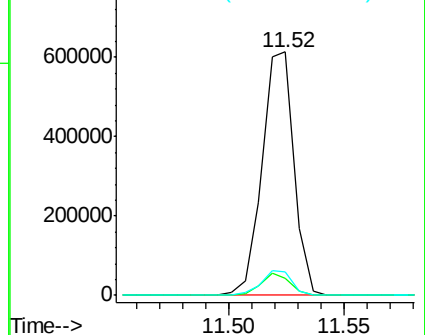
80 9.8 9.2 13.8



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: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

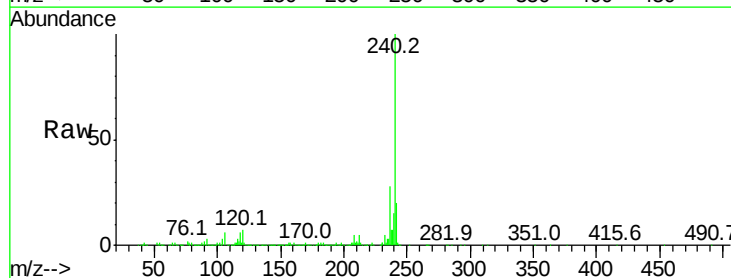
Tgt Ion:240 Resp: 549742

Ion Ratio Lower Upper

240 100

120 7.0 9.5 14.3#

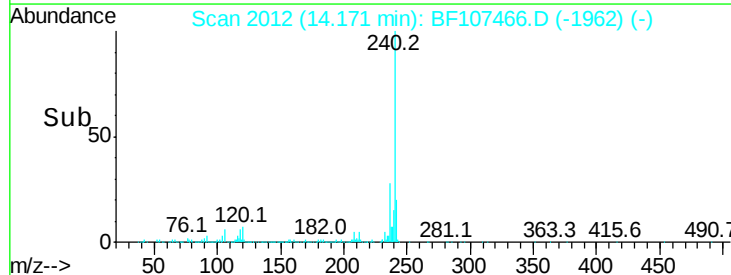
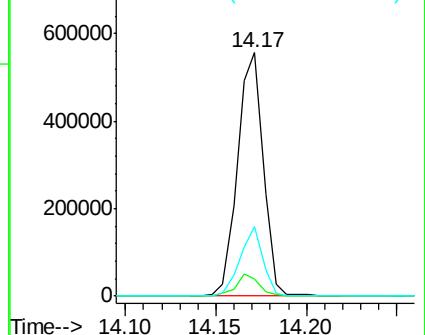
236 28.4 20.7 31.1

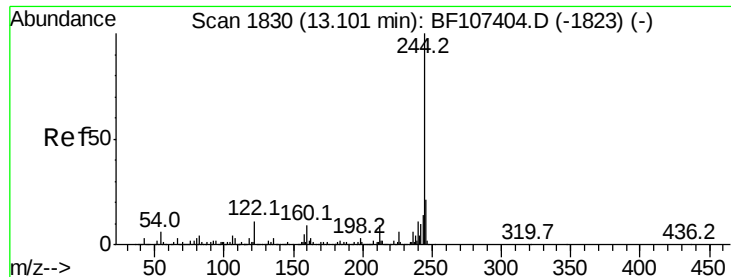


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.146 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Instrument :

BNA_F

ClientSampleId :

PB111180BL

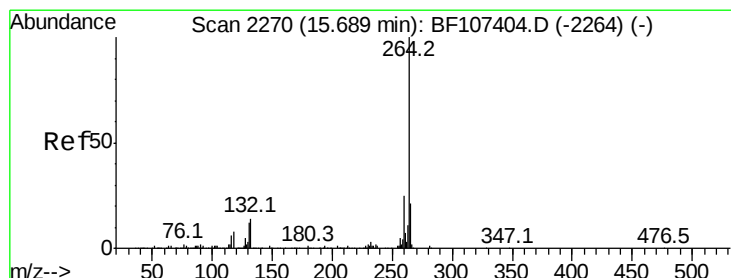
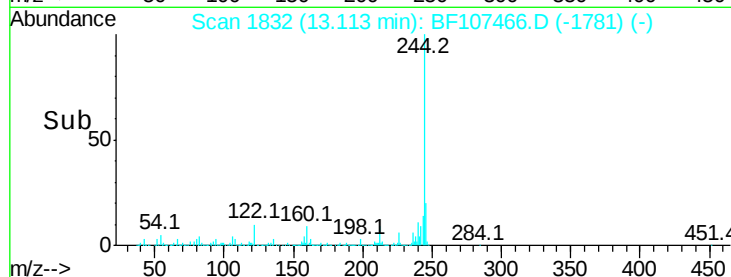
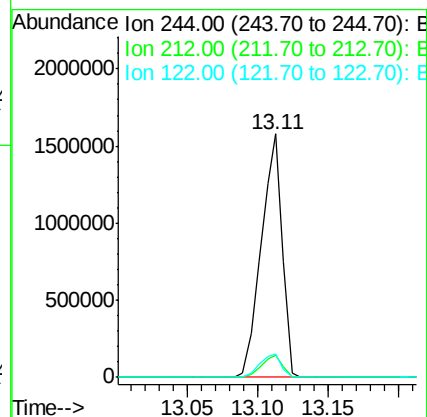
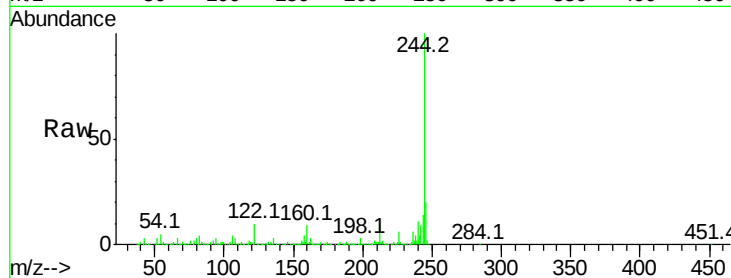
Tot Ion:244 Resp: 1662703

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

122 9.5 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107466.D

Acq: 18 Jul 2018 10:14

Tgt Ion:264 Resp: 346090

Ion Ratio Lower Upper

264 100

260 27.8 19.2 28.8

265 23.2 17.5 26.3

