

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107511.D
 Acq On : 19 Jul 2018 12:27
 Operator : JU/SJ
 Sample : J4027-06 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-159

Quant Time: Jul 19 13:58:52 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

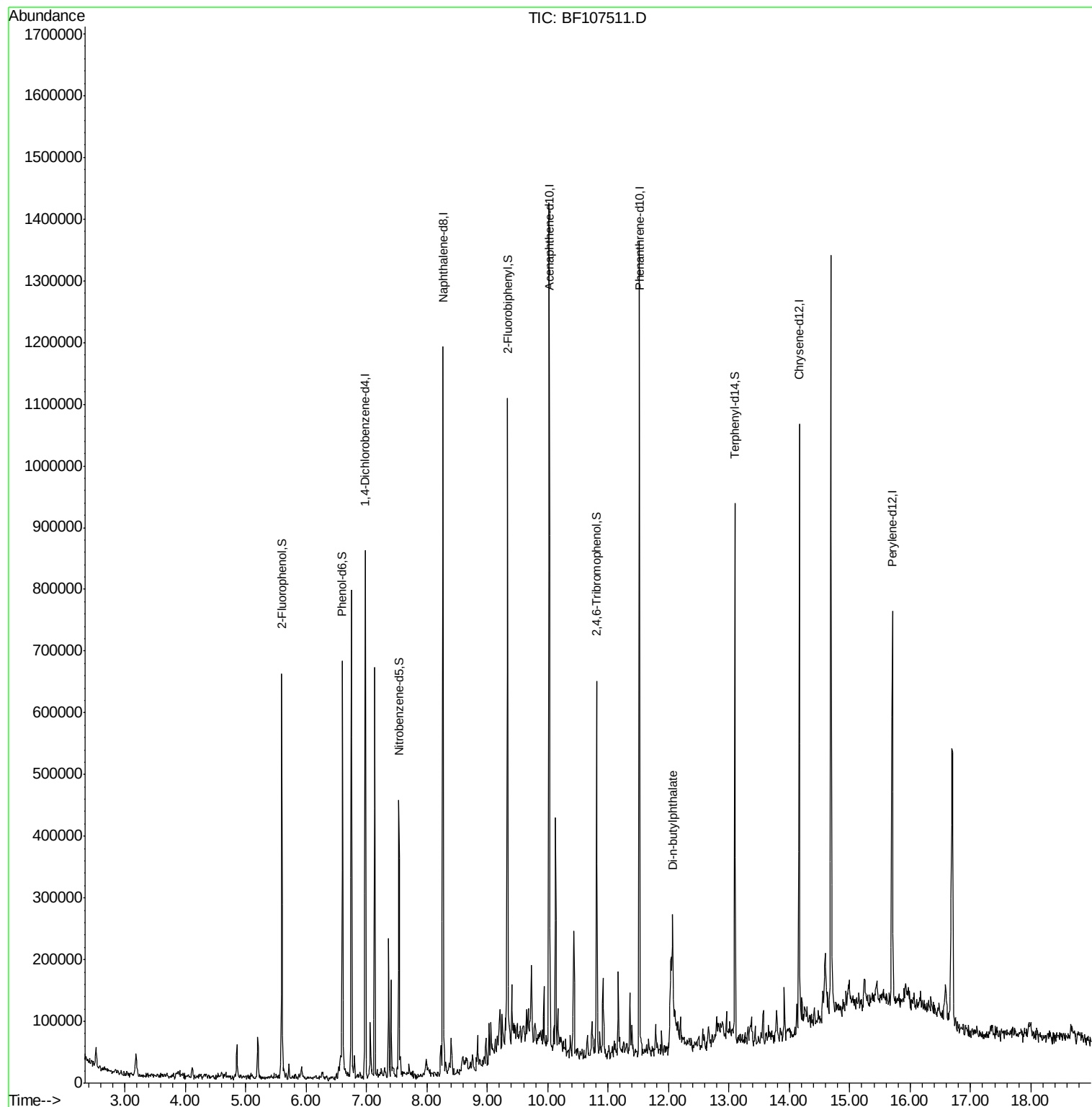
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	108767	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	425201	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	222430	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	409869	20.00	ng	0.00
75) Chrysene-d12	14.17	240	321291	20.00	ng	-0.01
86) Perylene-d12	15.71	264	295686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	137951	19.26	ng	-0.01
7) Phenol-d6	6.60	99	163309	17.64	ng	-0.01
23) Nitrobenzene-d5	7.54	82	122008	15.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	47366	24.24	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	252430	9.26	ng	-0.01
78) Terphenyl-d14	13.10	244	231441	17.90	ng	-0.01
Target Compounds						
73) Di-n-butylphthalate	12.07	149	49295	2.227	ng	Qvalue # 87

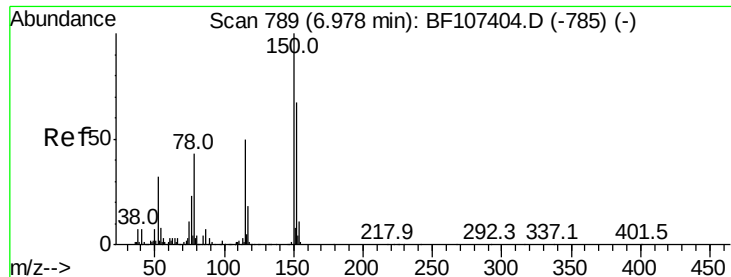
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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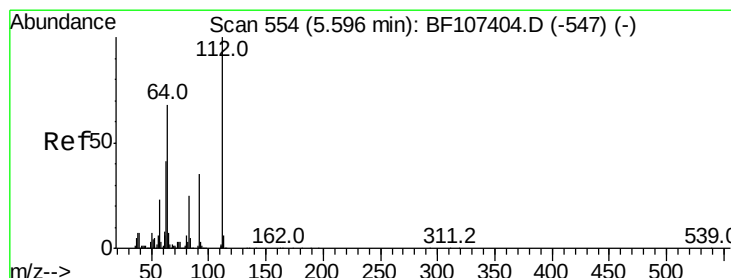
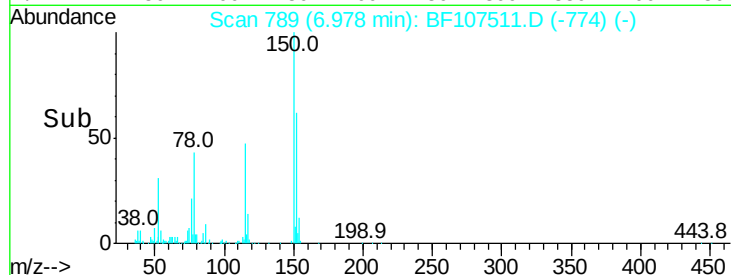
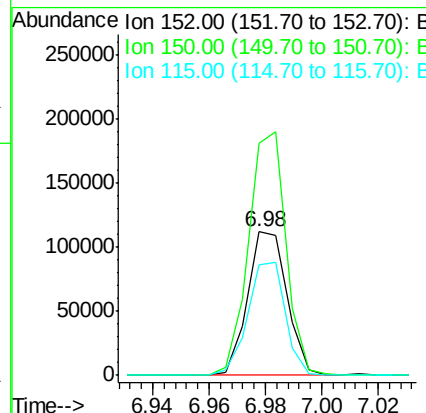
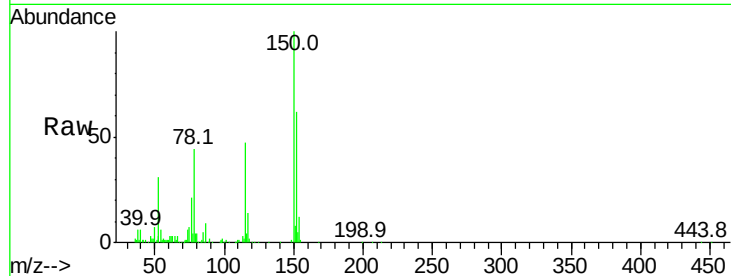


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
WALL-4-159

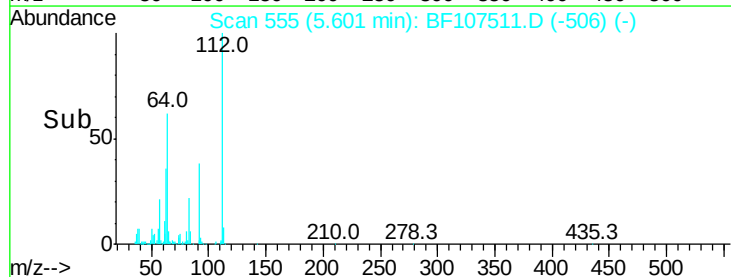
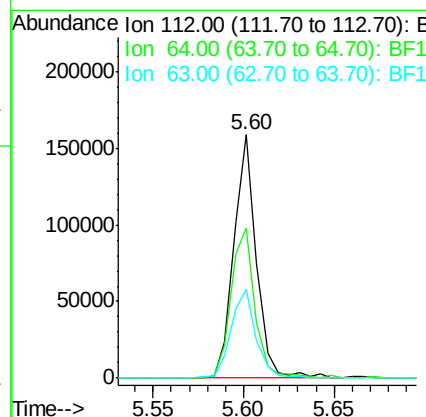
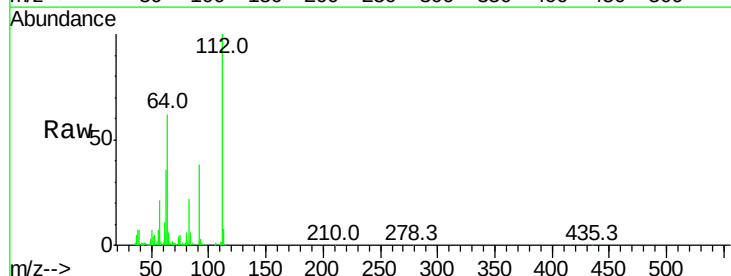
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	76.8	50.1	75.1#

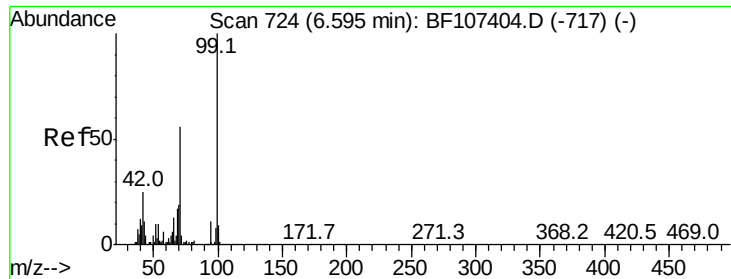


#5

2-Fluorophenol
Concen: 19.262 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	36.4	23.7	35.5#





#7

Phenol-d6

Concen: 17.638 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

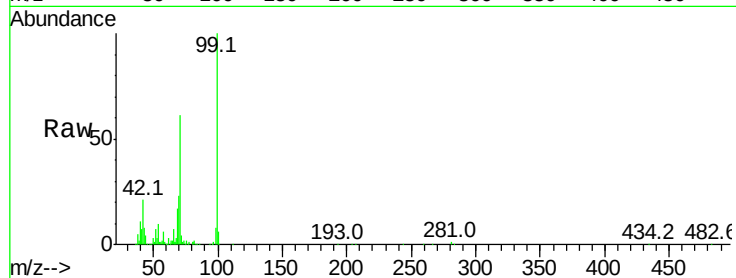
Tot Ion: 99 Resp: 163309

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

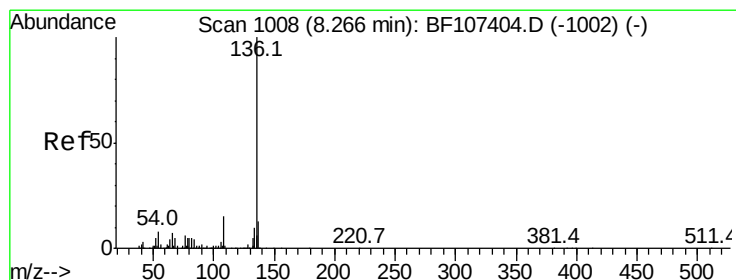
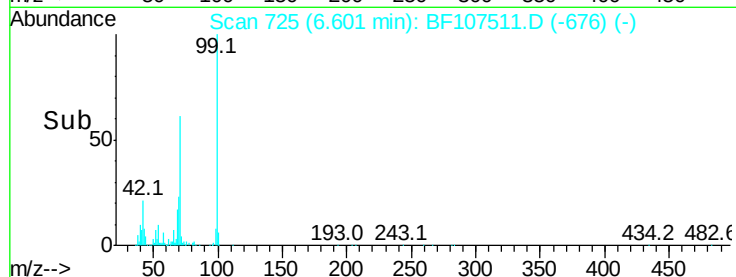
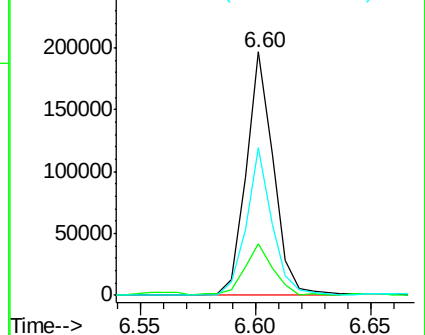
71 60.7 25.4 38.0#



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: BF107511.D

Acq: 19 Jul 2018 12:27

Tgt Ion: 136 Resp: 425201

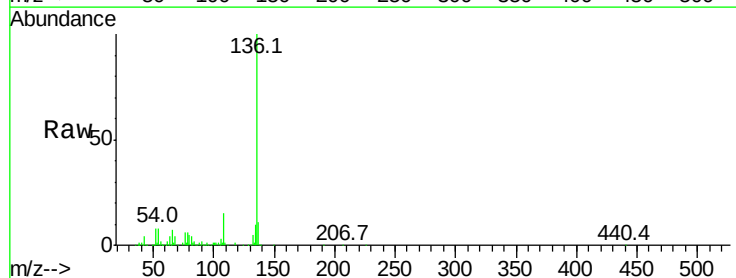
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.3 6.6 9.8

68 3.7 5.0 7.4#

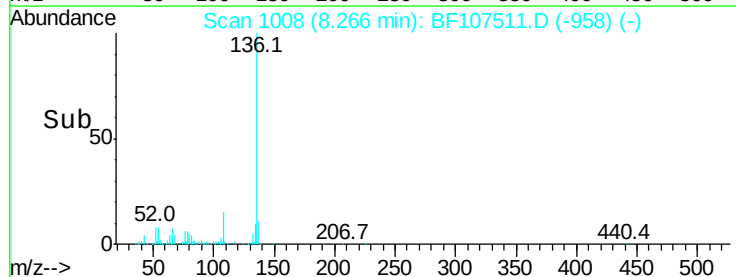
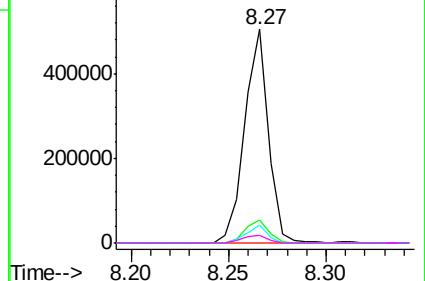


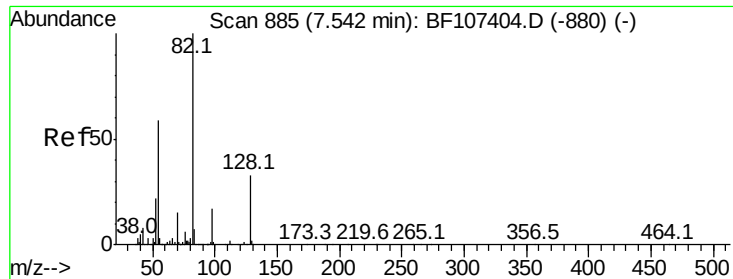
Abundance Ion 136.00 (135.70 to 136.70): E

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

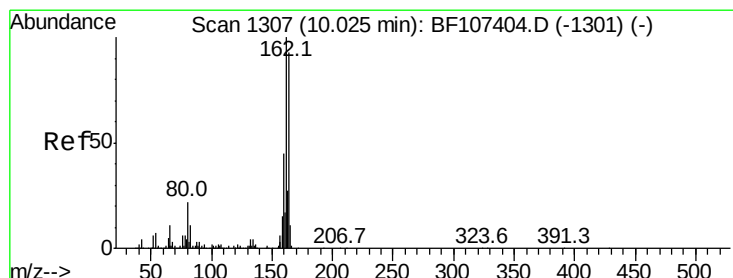
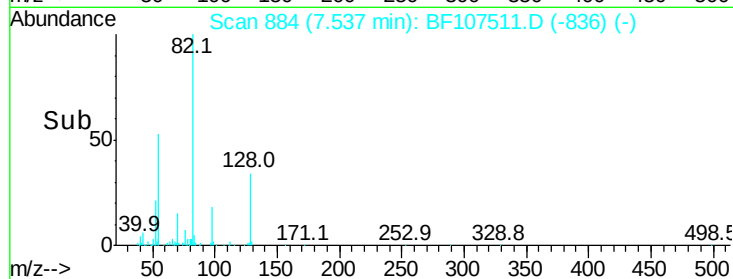
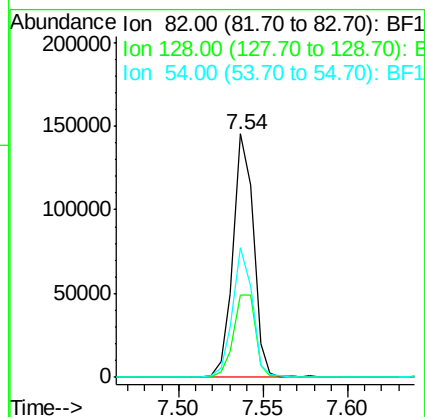
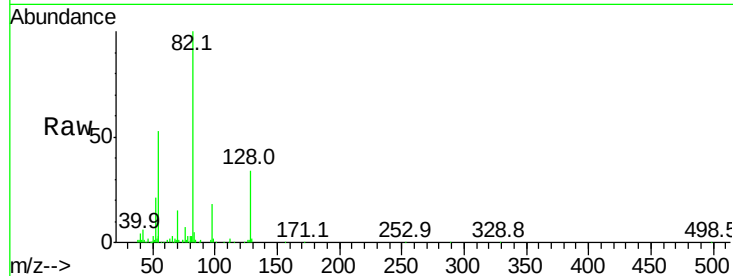




#23
Nitrobenzene-d5
Concen: 15.301 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

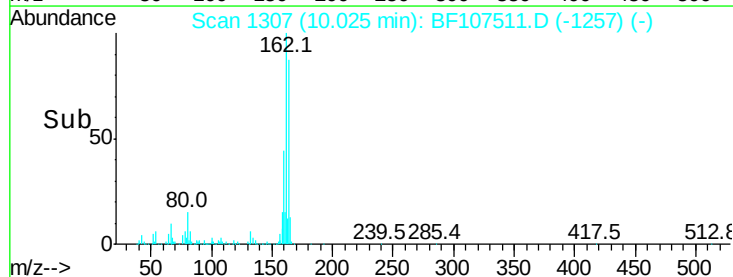
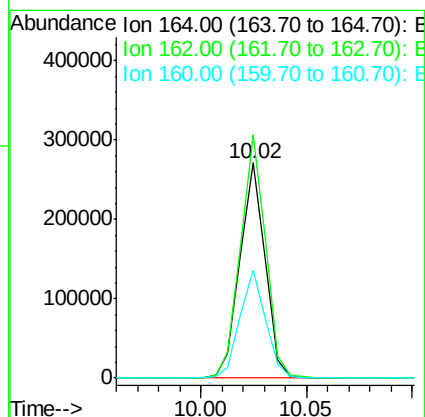
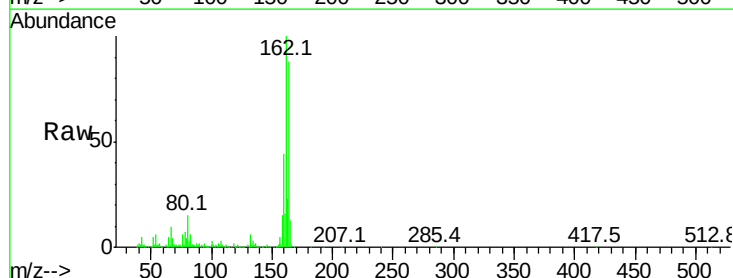
Instrument :
BNA_F
ClientSampleId :
WALL-4-159

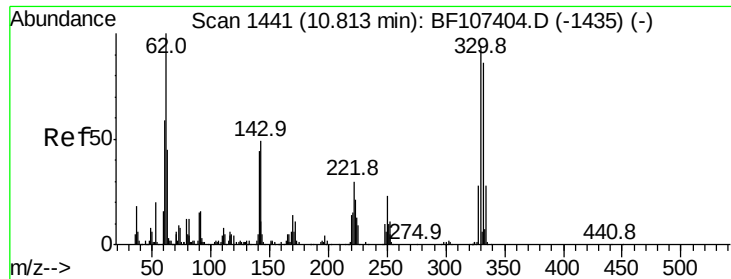
Tot Ion	82	Resp	122008
Ion Ratio	Lower	Upper	
82	100		
128	33.9	36.1	54.1#
54	53.4	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Tgt Ion	164	Resp	222430
Ion Ratio	Lower	Upper	
164	100		
162	113.2	86.1	129.1
160	49.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 24.237 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

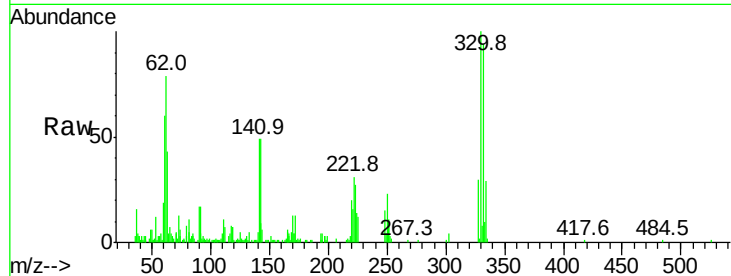
Tot Ion:330 Resp: 47366

Ion Ratio Lower Upper

330 100

332 87.5 77.0 115.6

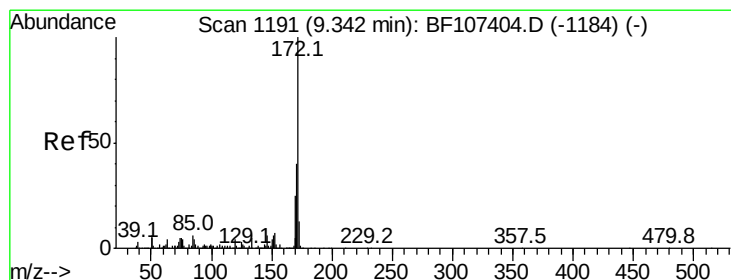
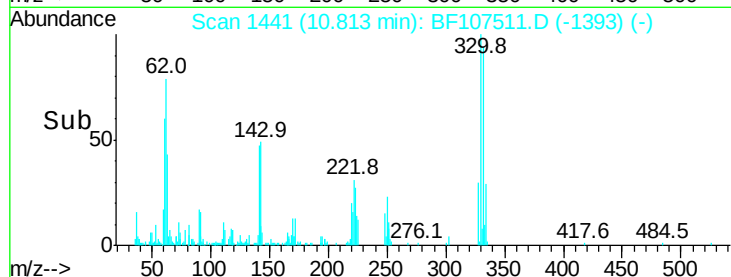
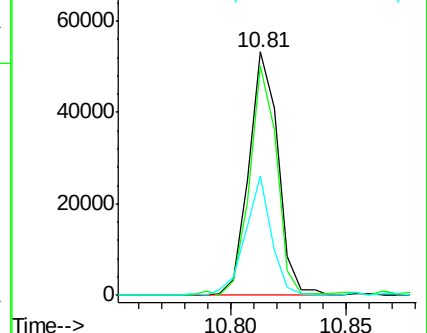
141 43.9 29.9 44.9



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: 9.264 ng

RT: 9.34 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

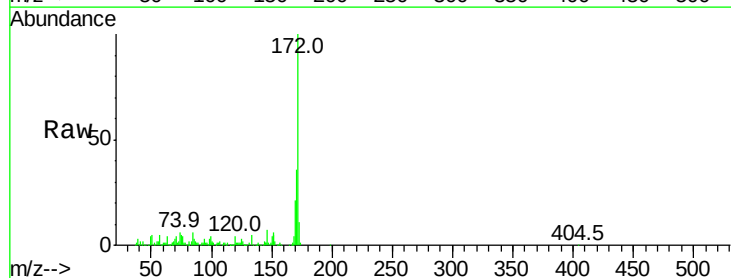
Tgt Ion:172 Resp: 252430

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

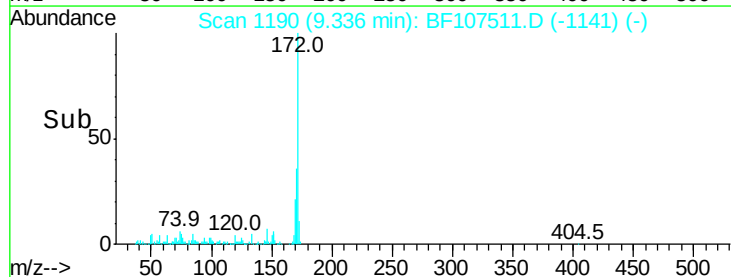
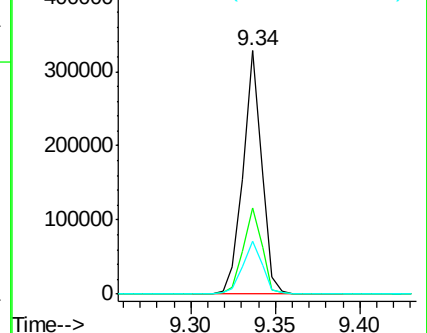
170 21.5 19.6 29.4

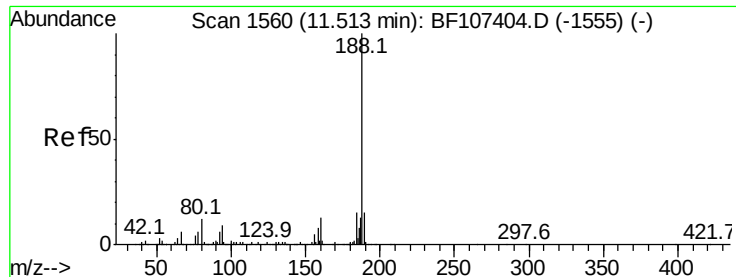


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

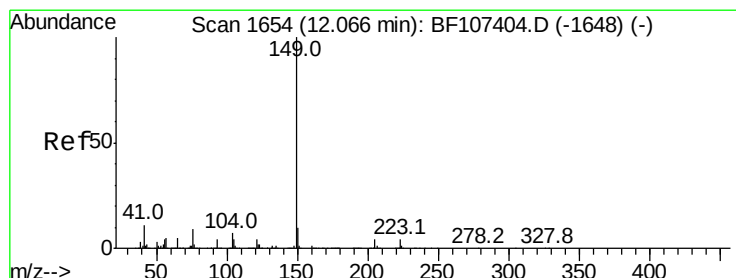
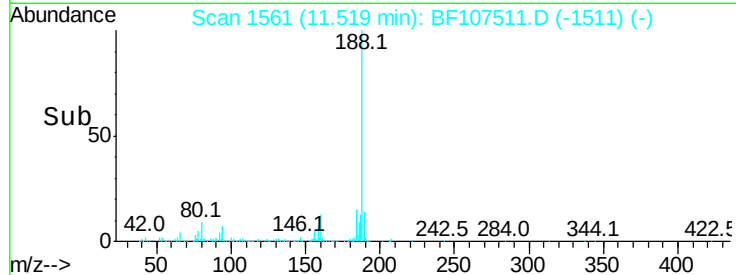
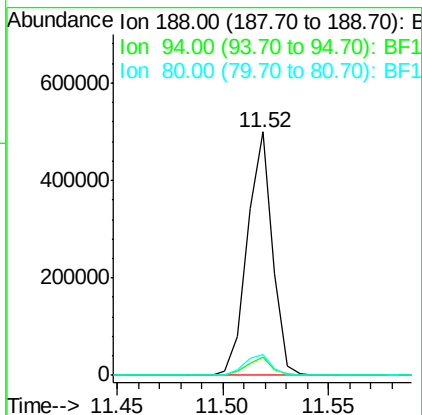
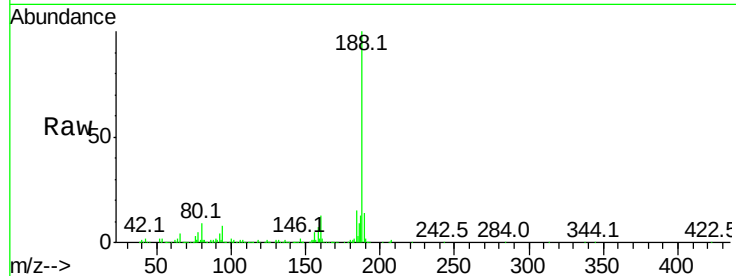




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

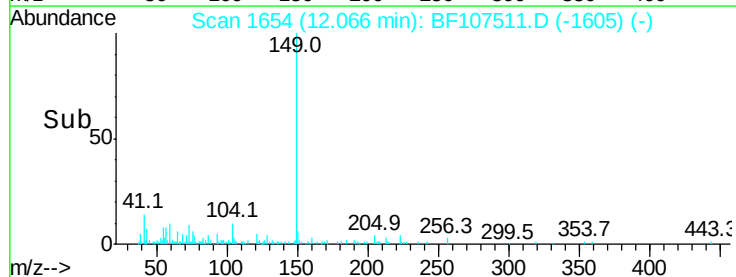
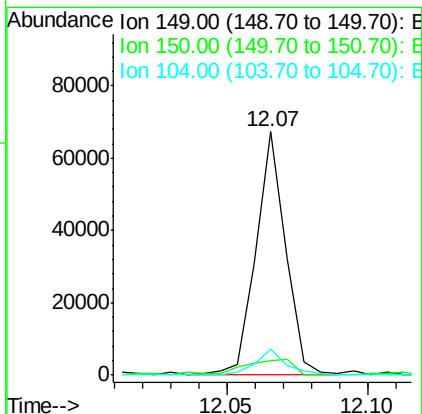
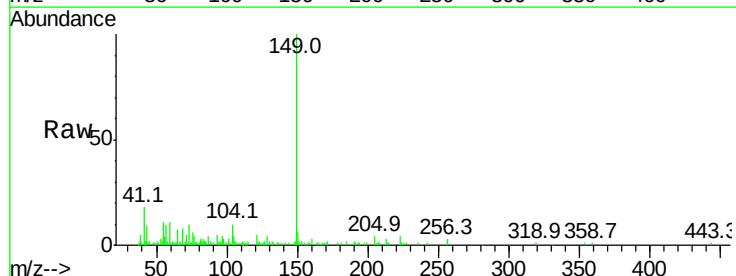
Instrument :
BNA_F
ClientSampleId :
WALL-4-159

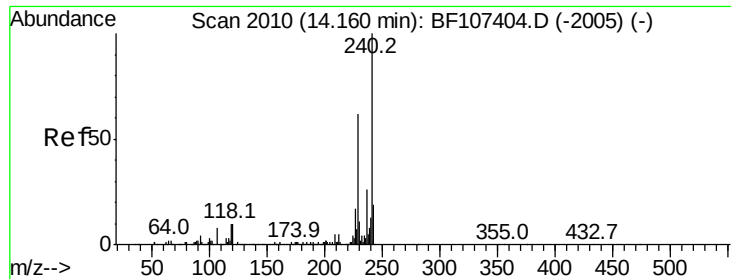
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.7	9.2	13.8#



#73
Di-n-butylphthalate
Concen: 2.227 ng
RT: 12.07 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	5.8	7.8	11.6#
104	10.5	3.8	5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

Instrument :

BNA_F

ClientSampleId :

WALL-4-159

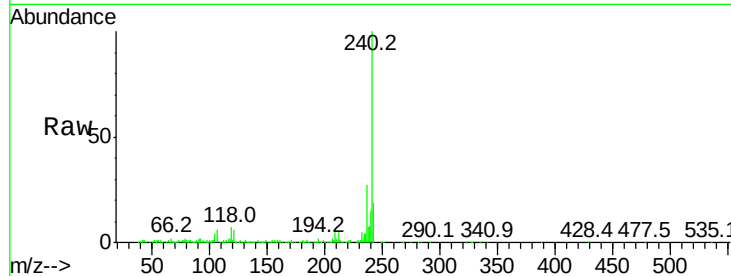
Tot Ion:240 Resp: 321291

Ion Ratio Lower Upper

240 100

120 6.0 9.5 14.3#

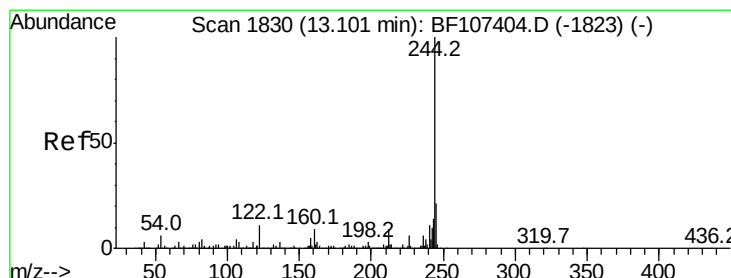
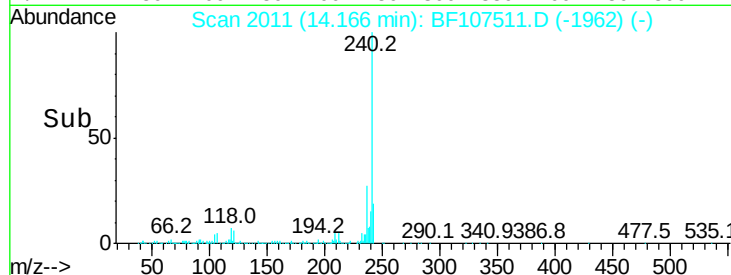
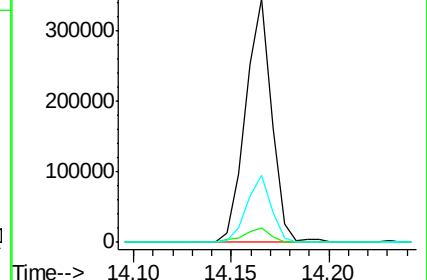
236 27.3 20.7 31.1



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: 17.898 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF107511.D

Acq: 19 Jul 2018 12:27

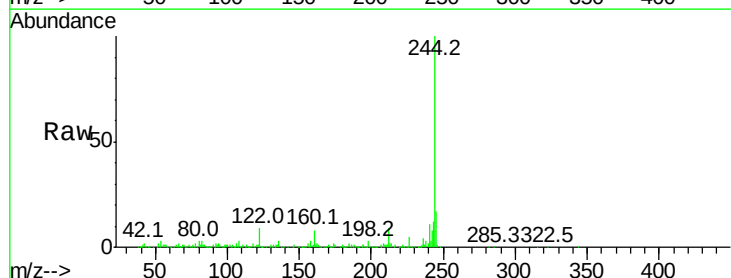
Tgt Ion:244 Resp: 231441

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

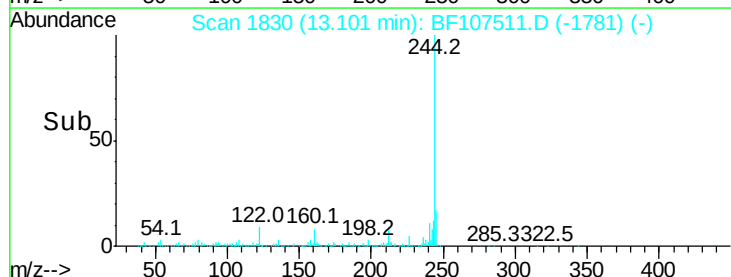
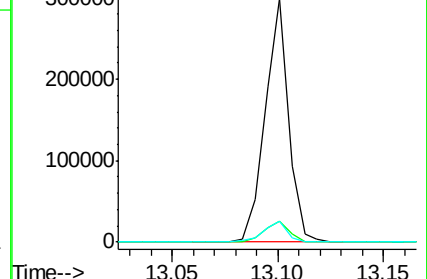
122 8.7 11.0 16.4#

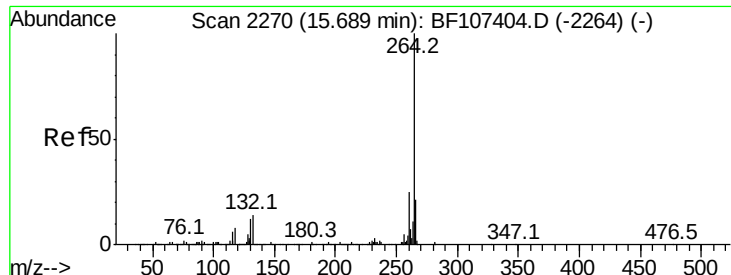


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

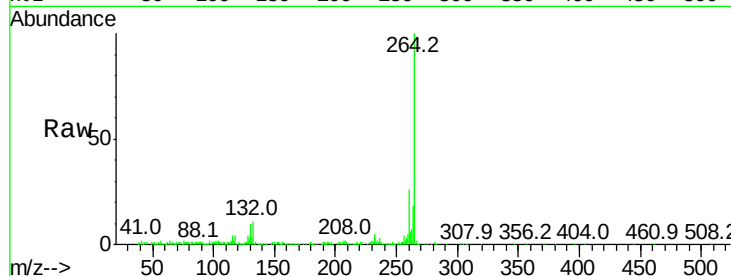




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107511.D
Acq: 19 Jul 2018 12:27

Instrument :
BNA_F
ClientSampleId :
WALL-4-159

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.2	28.8
265	19.3	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

