

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107453.D
 Acq On : 17 Jul 2018 16:58
 Operator : JU/SJ
 Sample : J3997-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-F-D

Quant Time: Jul 17 19:09:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

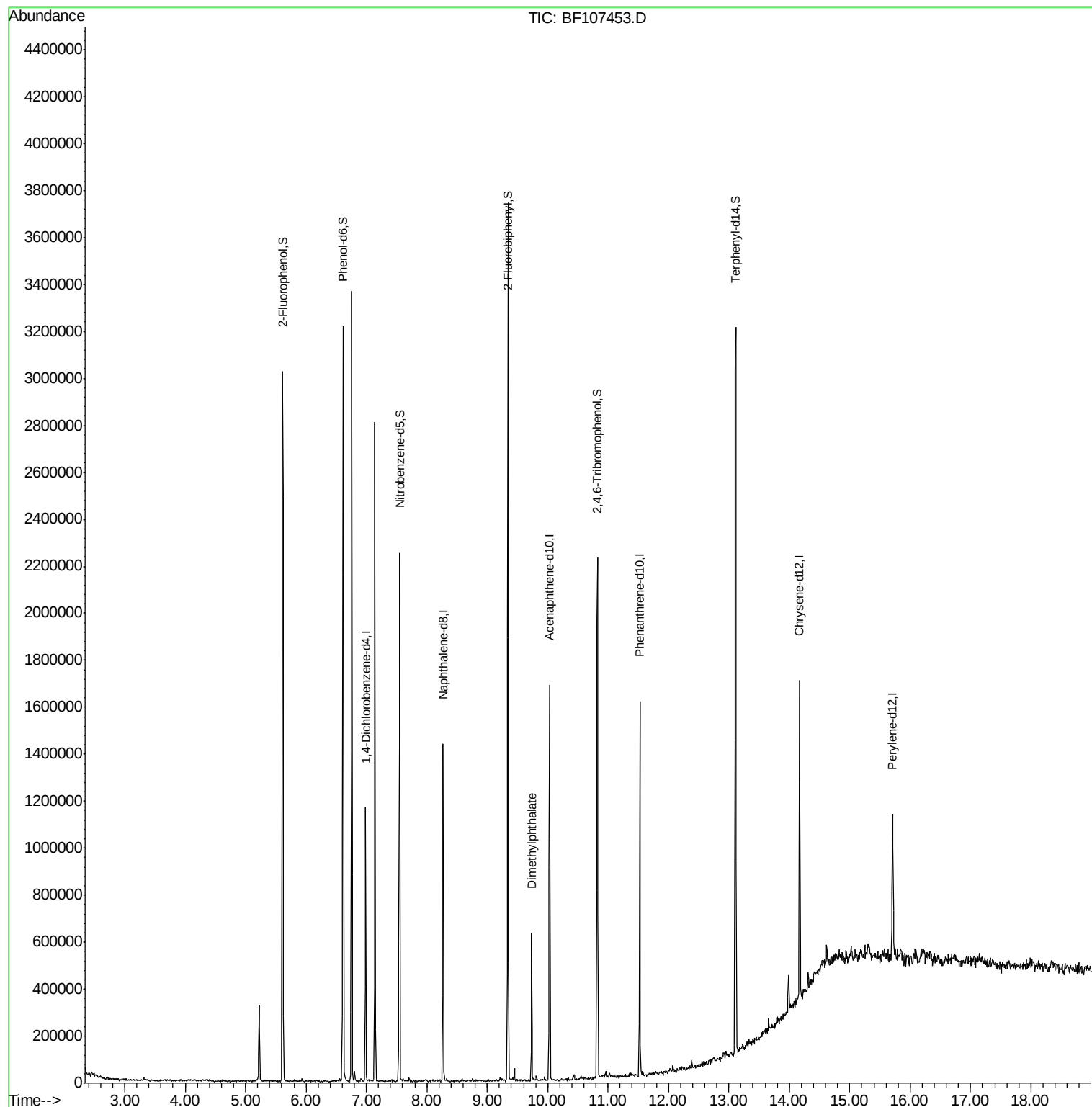
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	132454	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	518102	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	282692	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	498396	20.00	ng	0.00
75) Chrysene-d12	14.17	240	401400	20.00	ng	0.00
86) Perylene-d12	15.71	264	266897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	688406	78.93	ng	0.00
7) Phenol-d6	6.61	99	935486	82.97	ng	0.00
23) Nitrobenzene-d5	7.55	82	651744	67.08	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	193166	77.77	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1047484	58.39	ng	0.00
78) Terphenyl-d14	13.11	244	975584	60.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	206636	9.200	ng	Qvalue 96

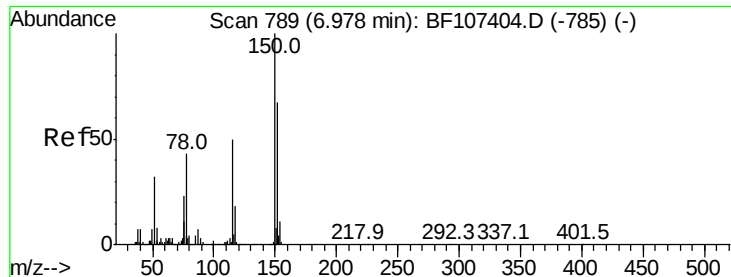
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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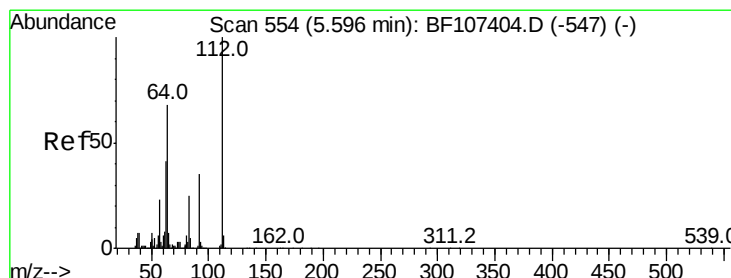
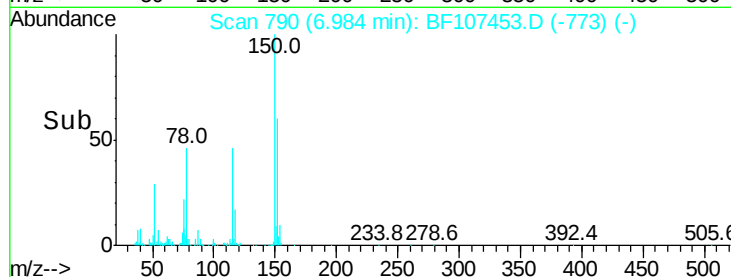
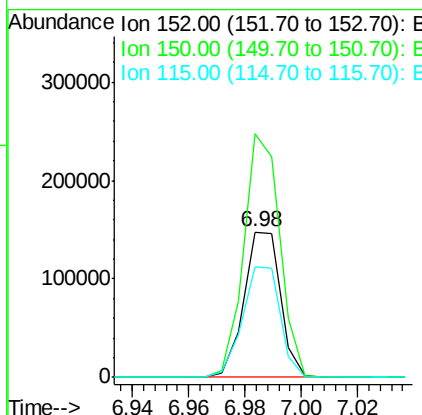
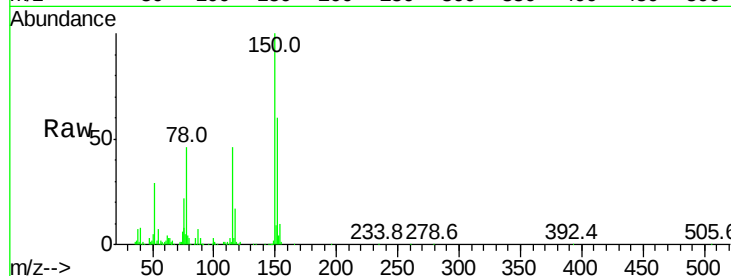


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107453.D
 Acq: 17 Jul 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-F-D

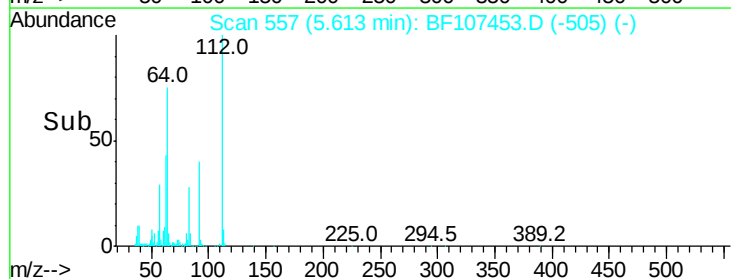
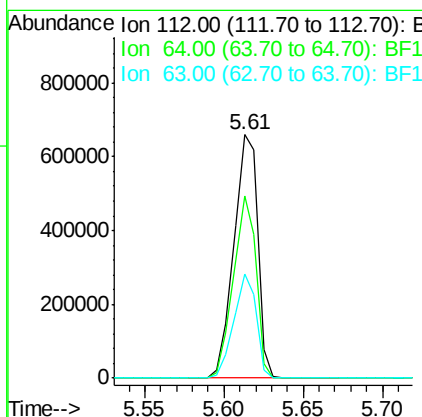
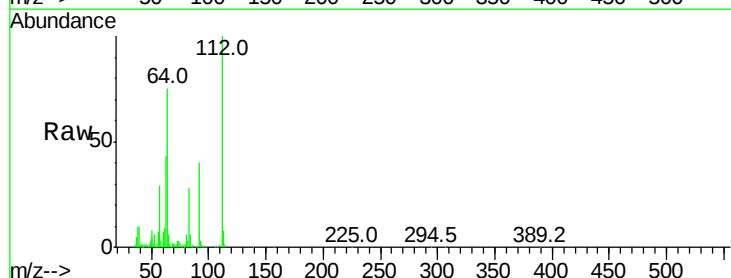
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.7	124.6	186.8
115	76.5	50.1	75.1#

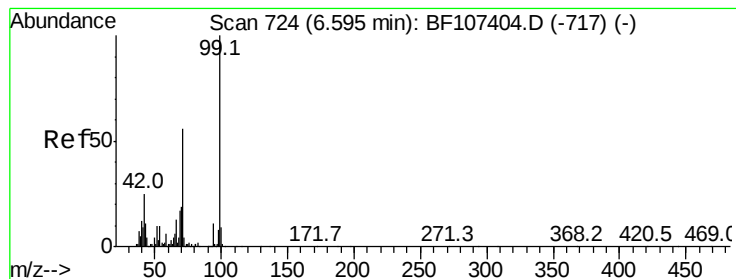


#5

2-Fluorophenol
 Concen: 78.934 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107453.D
 Acq: 17 Jul 2018 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	47.9	71.9#
63	43.0	23.7	35.5#





#7

Phenol-d6

Concen: 82.965 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107453.D

Acq: 17 Jul 2018 16:58

Instrument :

BNA_F

ClientSampleId :

TP-F-D

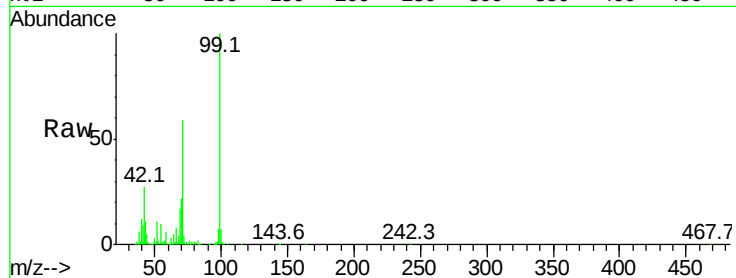
Tot Ion: 99 Resp: 935486

Ion Ratio Lower Upper

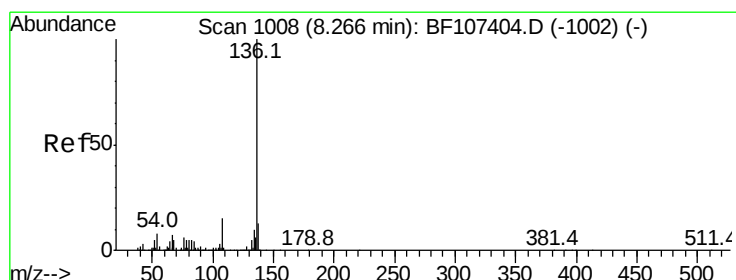
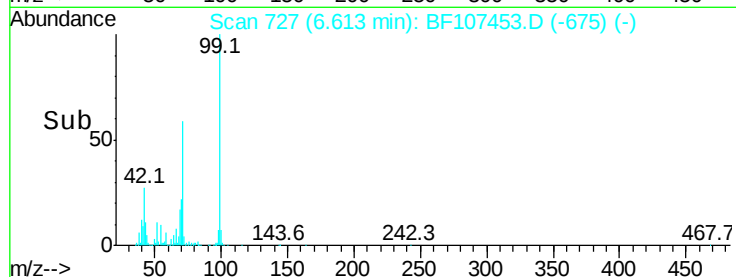
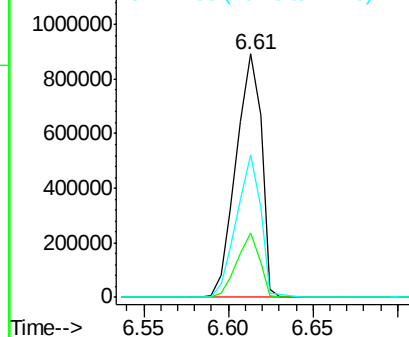
99 100

42 26.7 14.5 21.7#

71 58.8 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# 1009

Delta R.T. 0.00 min

Lab File: BF107453.D

Acq: 17 Jul 2018 16:58

Tgt Ion: 136 Resp: 518102

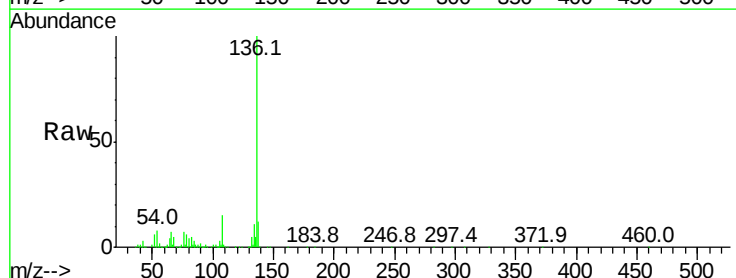
Ion Ratio Lower Upper

136 100

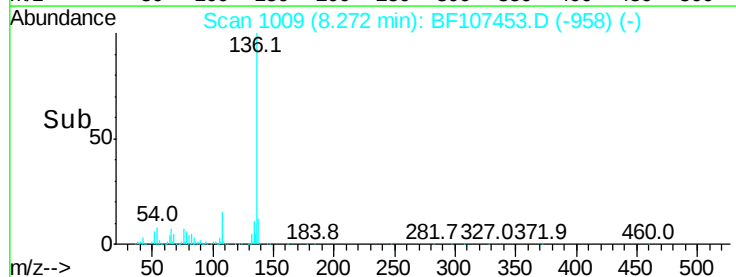
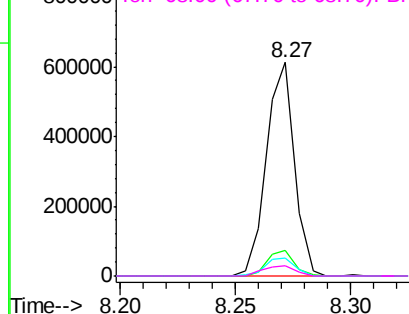
137 11.7 8.9 13.3

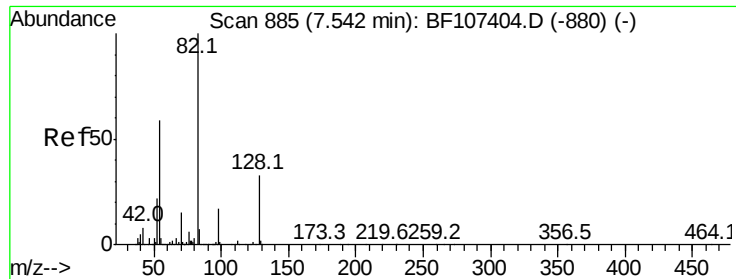
54 8.2 6.6 9.8

68 4.7 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

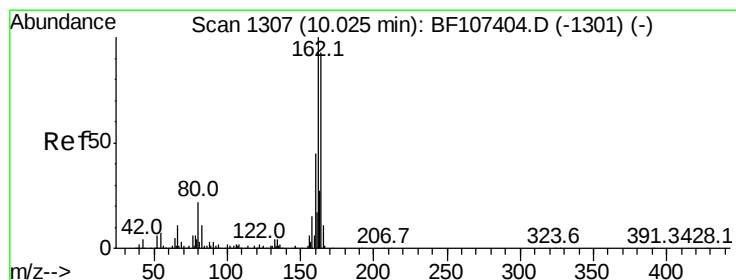
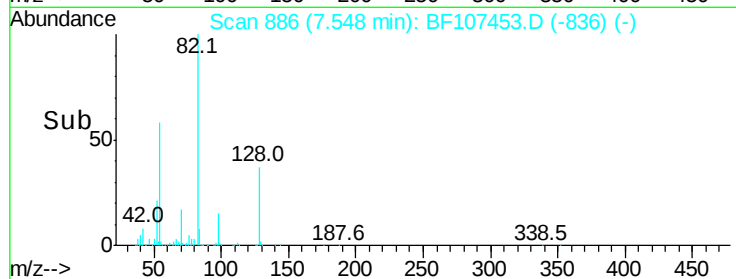
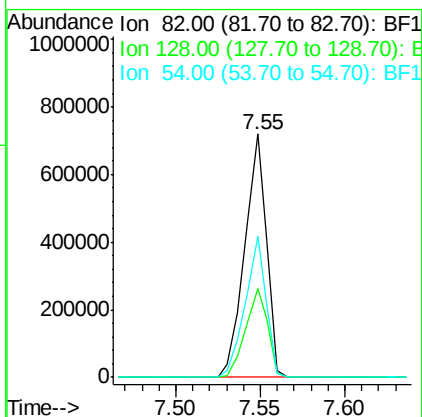
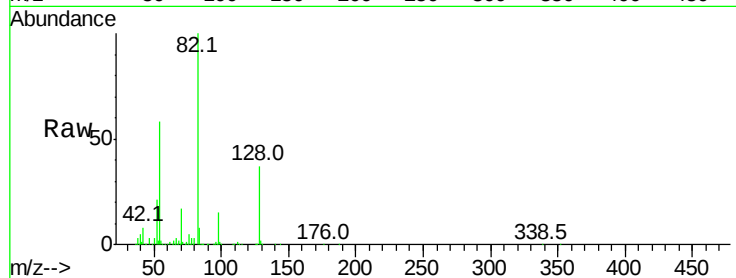




#23
 Nitrobenzene-d5
 Concen: 67.079 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107453.D
 Acq: 17 Jul 2018 16:58

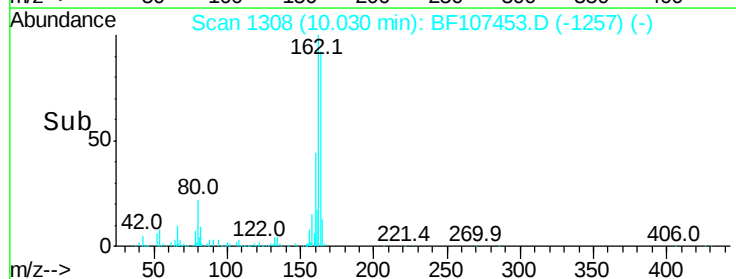
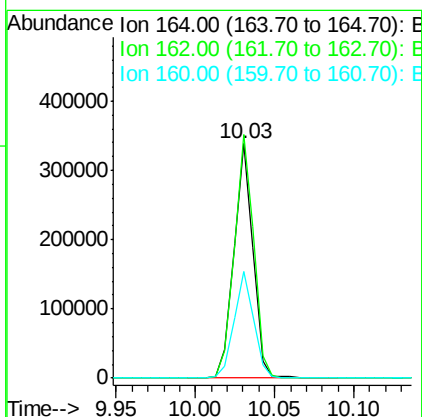
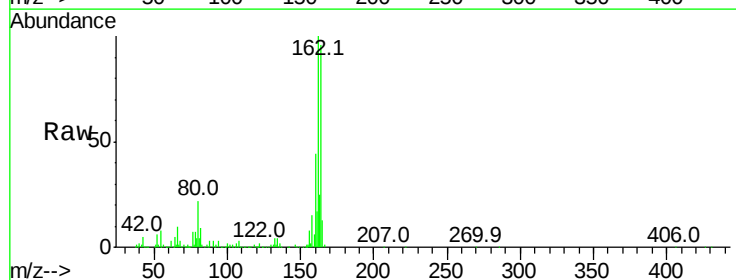
Instrument :
 BNA_F
 ClientSampleId :
 TP-F-D

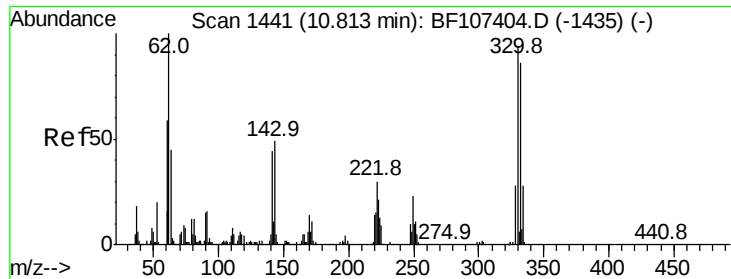
Tot Ion: 82 Resp: 651744
 Ion Ratio Lower Upper
 82 100
 128 36.7 36.1 54.1
 54 57.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF107453.D
 Acq: 17 Jul 2018 16:58

Tgt Ion: 164 Resp: 282692
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 77.771 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107453.D

Acq: 17 Jul 2018 16:58

Instrument :

BNA_F

ClientSampleId :

TP-F-D

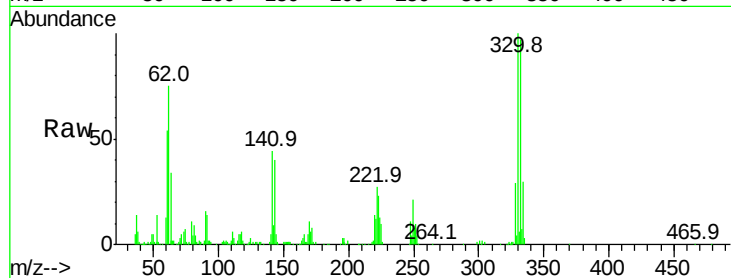
Tot Ion:330 Resp: 193166

Ion Ratio Lower Upper

330 100

332 92.9 77.0 115.6

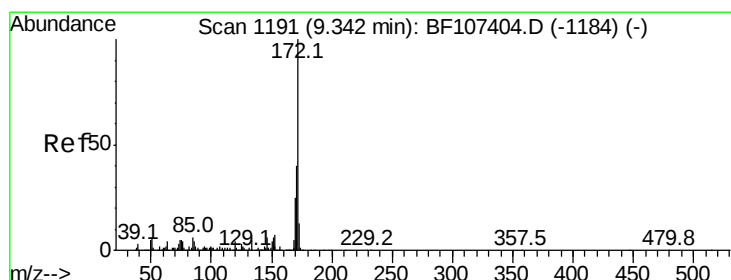
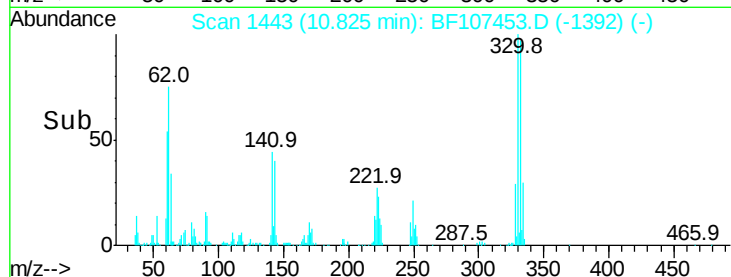
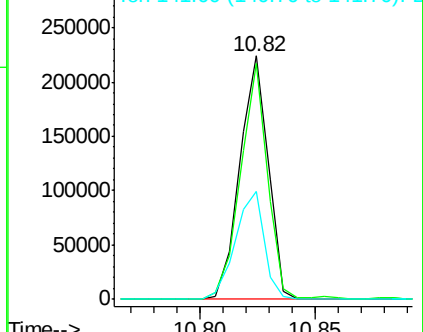
141 45.2 29.9 44.9#



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: 58.388 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107453.D

Acq: 17 Jul 2018 16:58

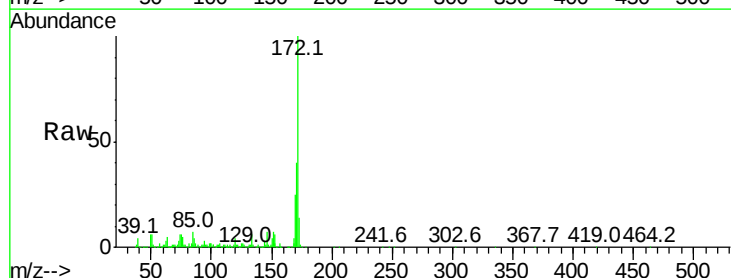
Tgt Ion:172 Resp: 1047484

Ion Ratio Lower Upper

172 100

171 39.8 29.7 44.5

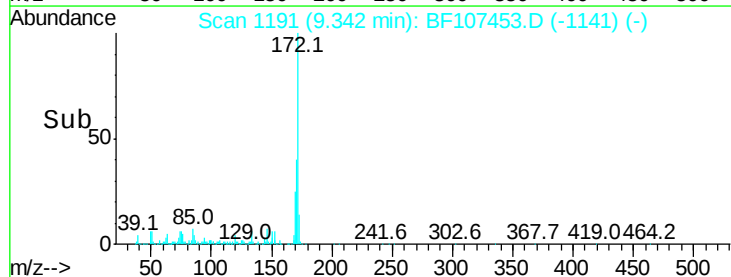
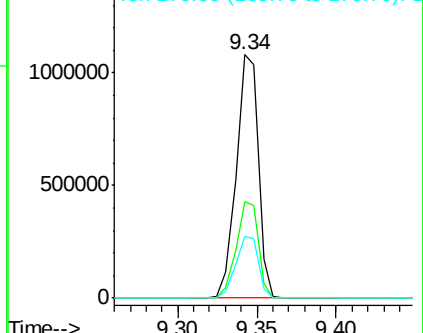
170 25.4 19.6 29.4

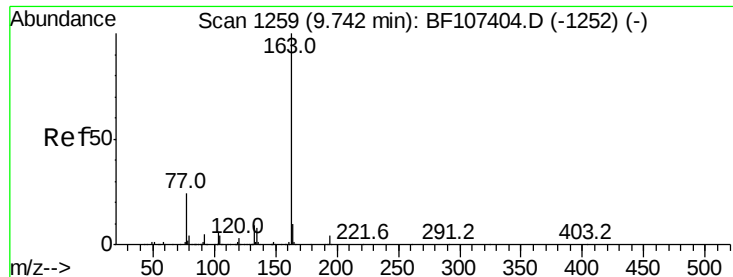


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

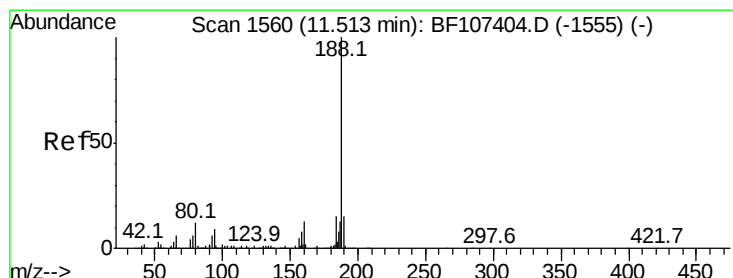
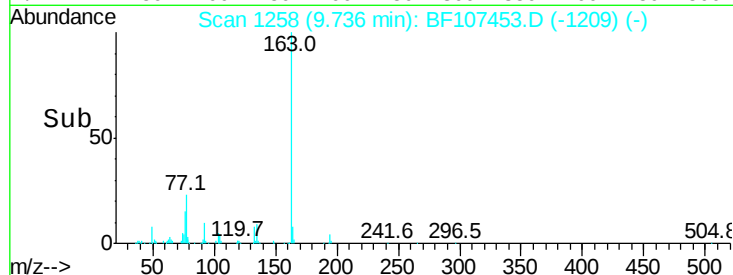
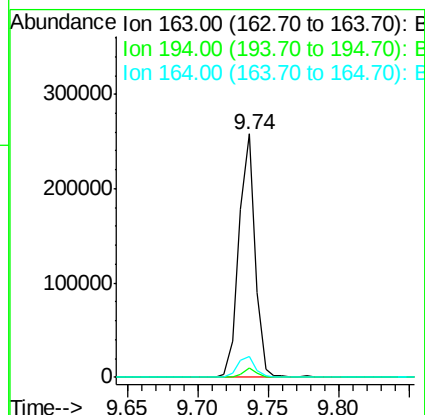
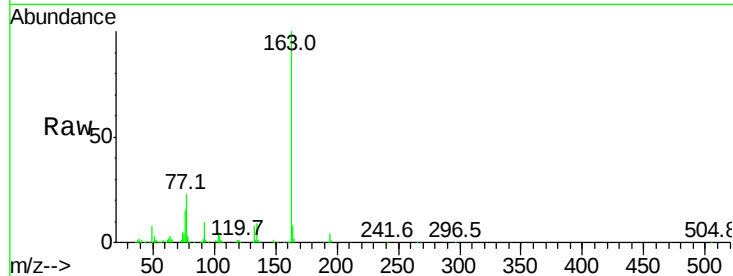




#49
Dimethylphthalate
Concen: 9.200 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

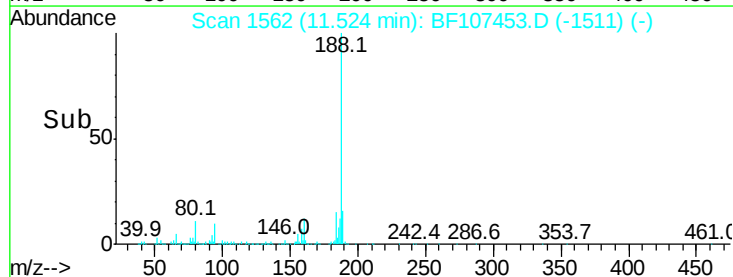
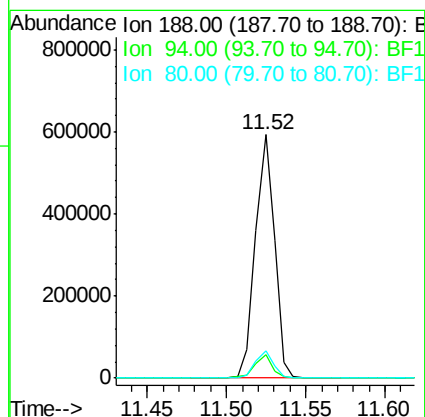
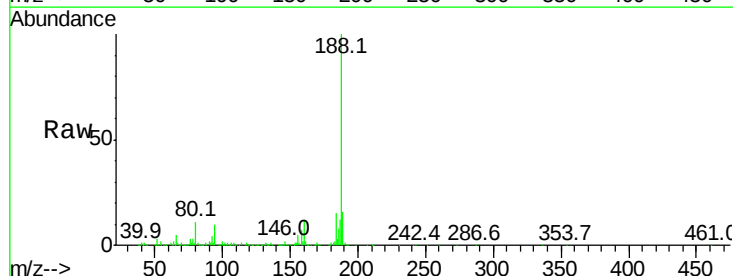
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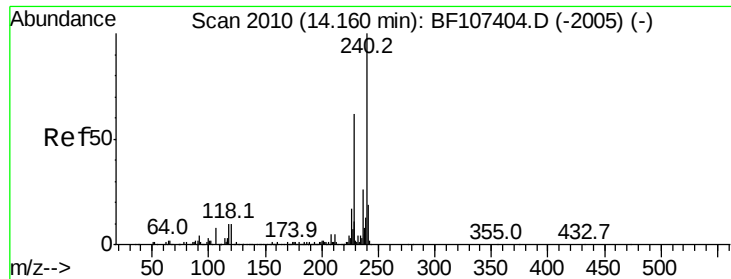
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	8.5	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	11.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF107453.D

Acq: 17 Jul 2018 16:58

Instrument :

BNA_F

ClientSampleId :

TP-F-D

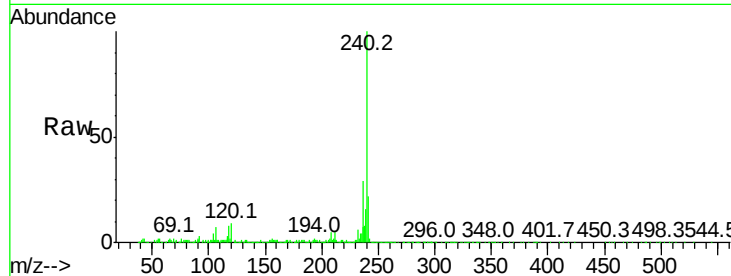
Tot Ion:240 Resp: 401400

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

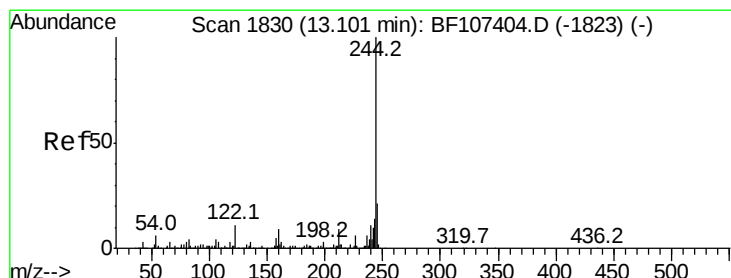
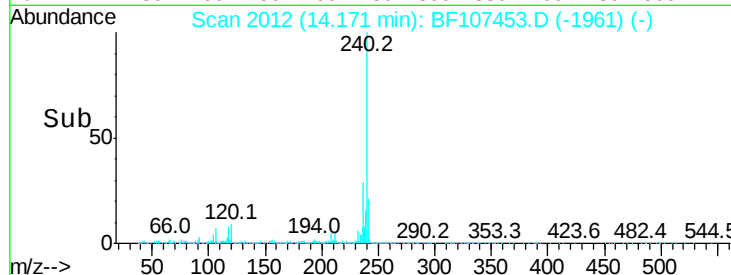
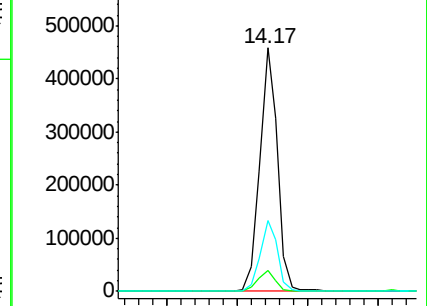
236 28.8 20.7 31.1



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: 60.386 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF107453.D

Acq: 17 Jul 2018 16:58

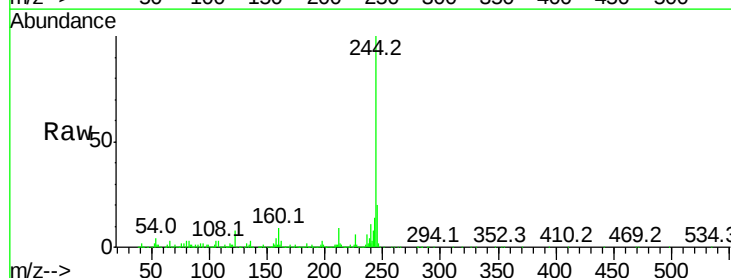
Tgt Ion:244 Resp: 975584

Ion Ratio Lower Upper

244 100

212 9.4 5.4 8.0#

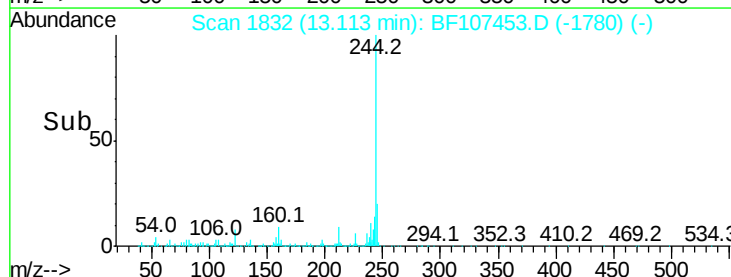
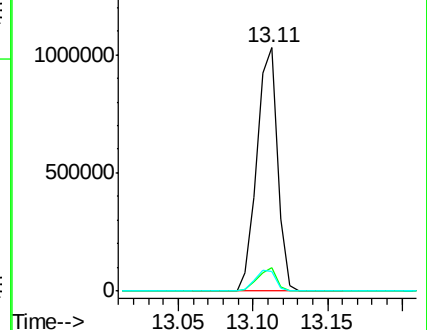
122 7.8 11.0 16.4#

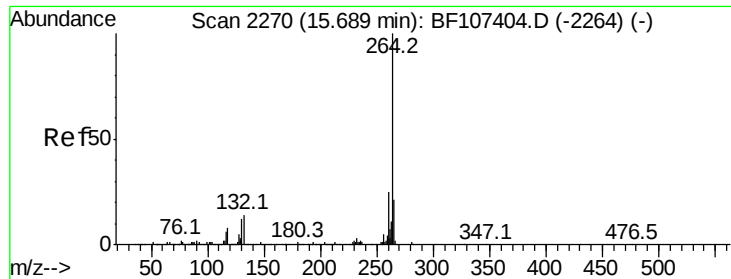


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2274
 Delta R.T. 0.01 min
 Lab File: BF107453.D
 Acq: 17 Jul 2018 16:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	28.3	19.2	28.8
265	20.5	17.5	26.3

