

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107754.D
 Acq On : 27 Jul 2018 19:01
 Operator : JU/SJ
 Sample : J4189-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Quant Time: Jul 28 01:42:04 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

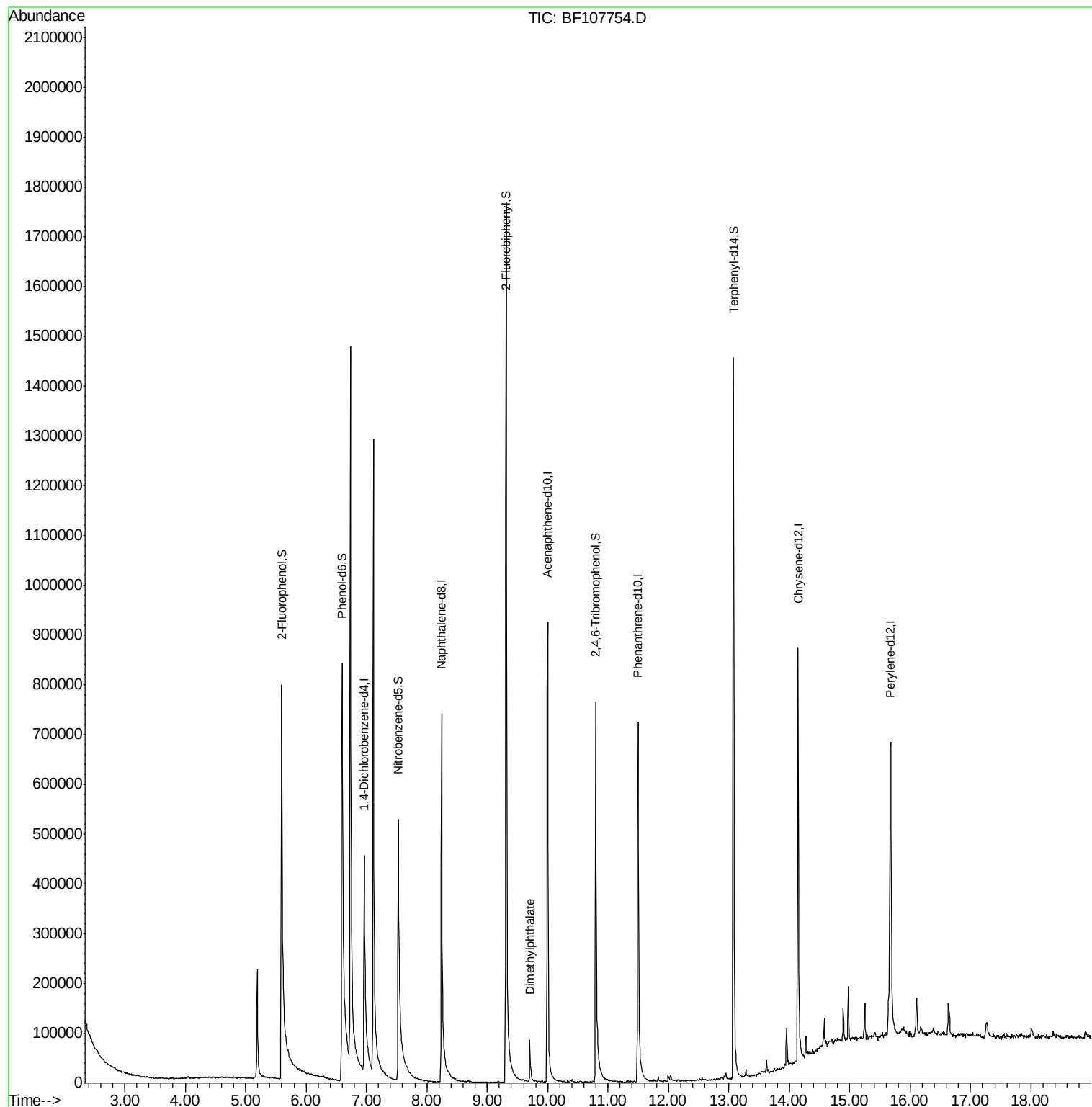
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141846	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	576258	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	234046	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	406426	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	388720	20.00	ng	-0.02
86) Perylene-d12	15.68	264	394535	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	449188	50.91	ng	-0.01
7) Phenol-d6	6.60	99	649776	61.34	ng	-0.02
23) Nitrobenzene-d5	7.52	82	420530	49.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	165470	62.17	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	789952	51.42	ng	-0.02
78) Terphenyl-d14	13.08	244	642046	42.28	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	52718	2.989	ng	98

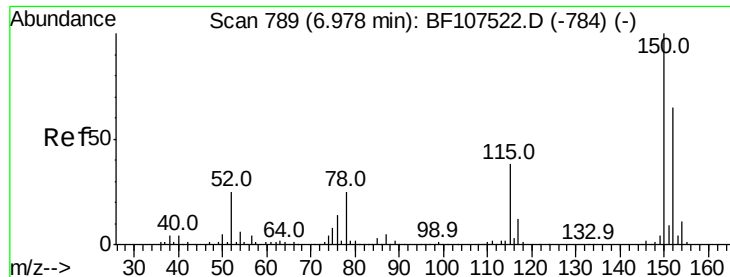
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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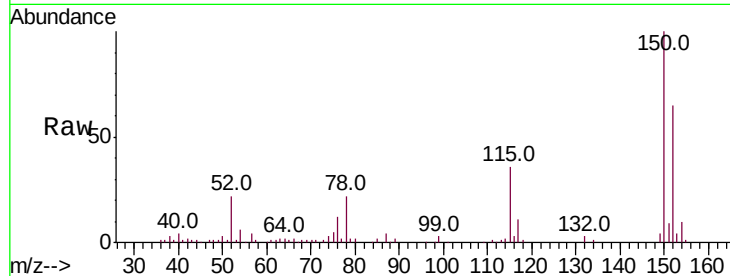


#1

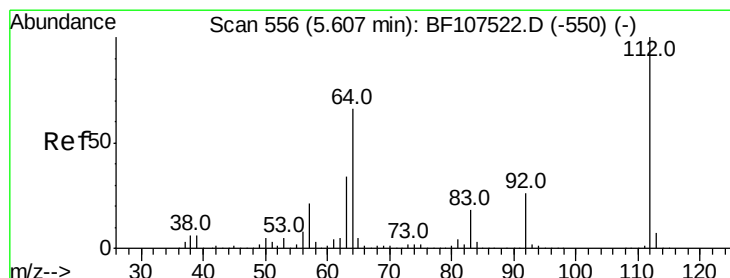
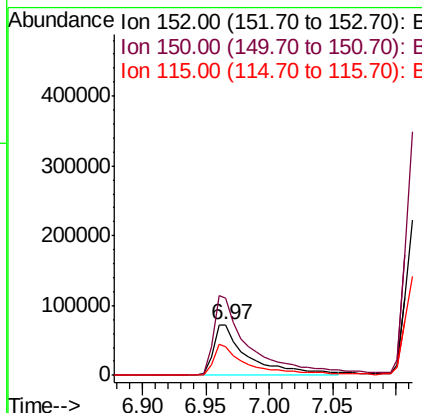
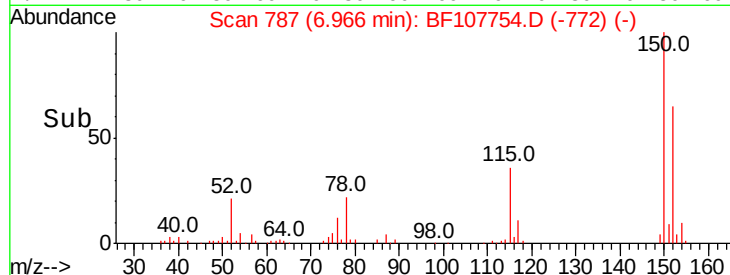
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion:152 Resp: 141846
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 55.6 50.1 75.1



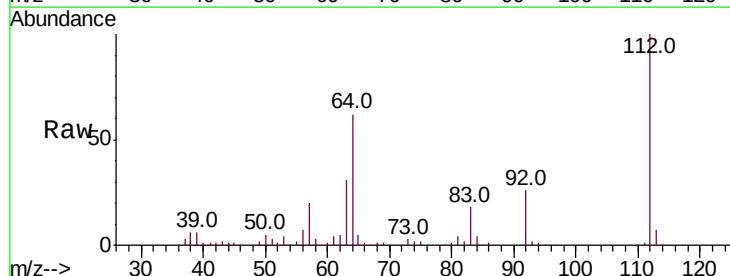
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



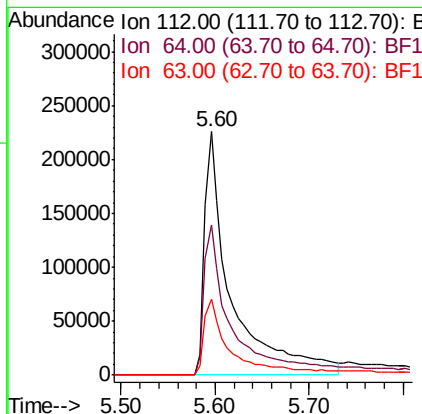
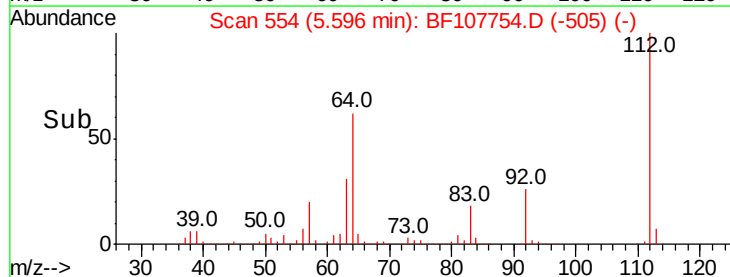
#5

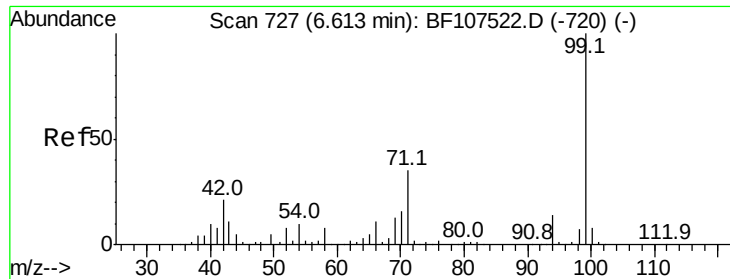
2-Fluorophenol
Concen: 50.915 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Tgt Ion:112 Resp: 449188
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 61.338 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

TP-14-D

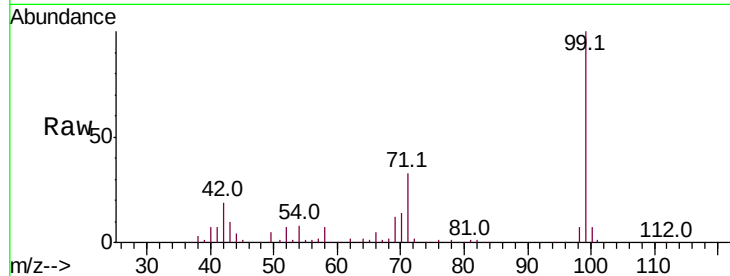
Tot Ion: 99 Resp: 649776

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

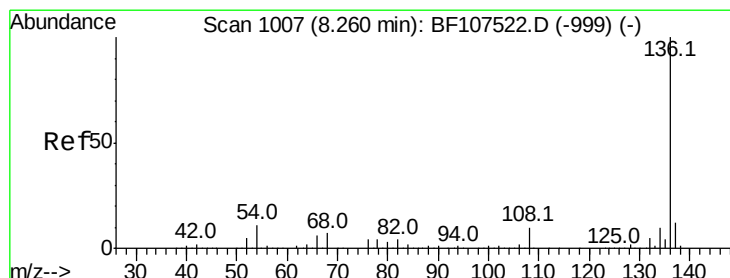
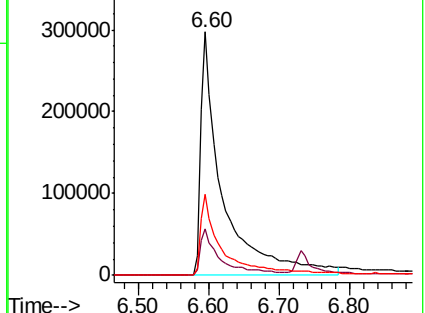
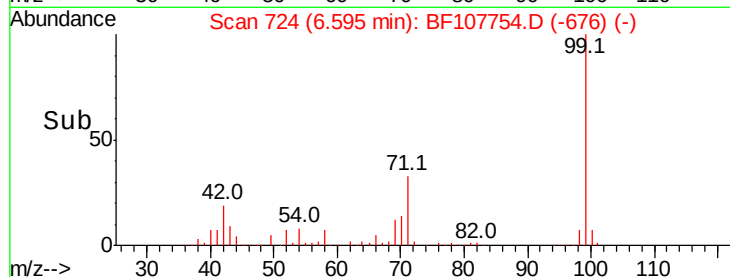
71 33.4 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

Tgt Ion: 136 Resp: 576258

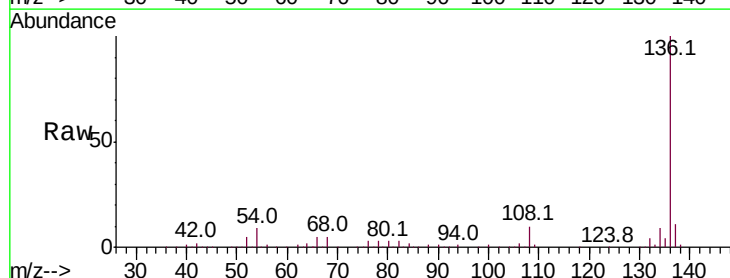
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 5.2 5.0 7.4

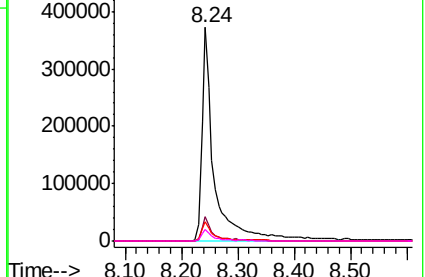
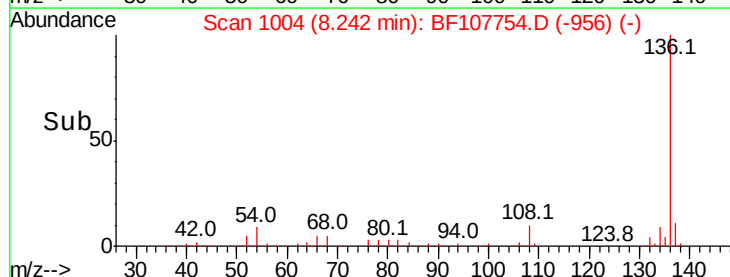


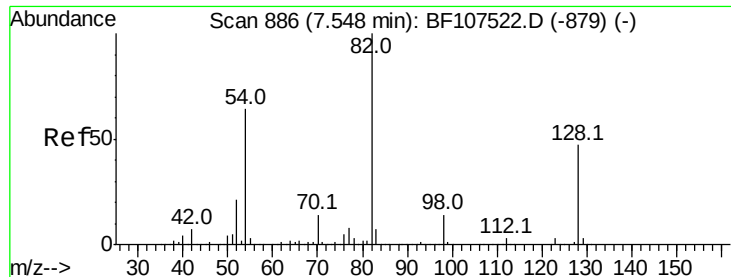
Abundance Ion 136.00 (135.70 to 136.70): E

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

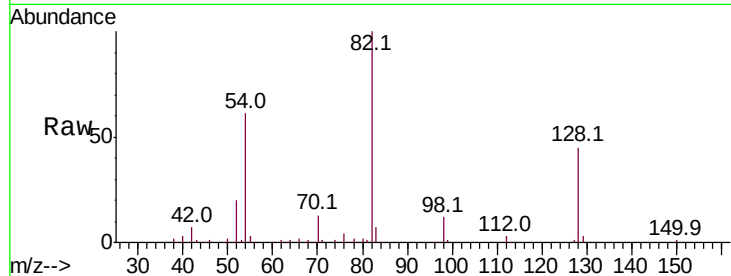




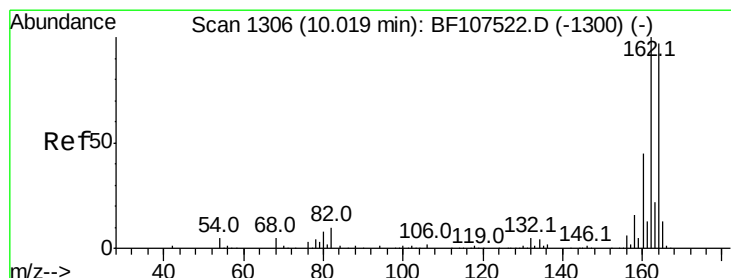
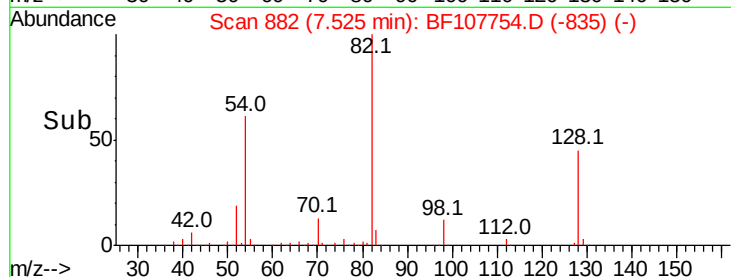
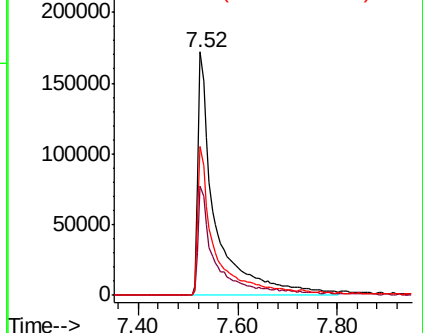
#23
Nitrobenzene-d5
Concen: 49.250 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion: 82 Resp: 420530
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 61.0 41.4 62.2

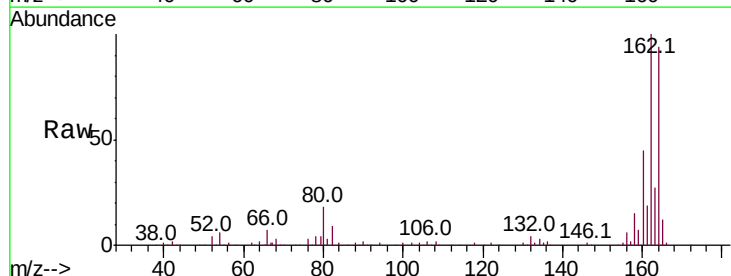


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

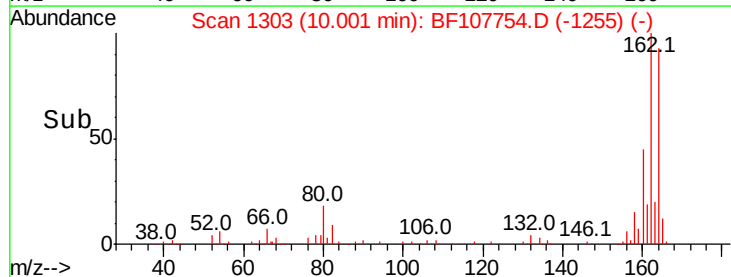
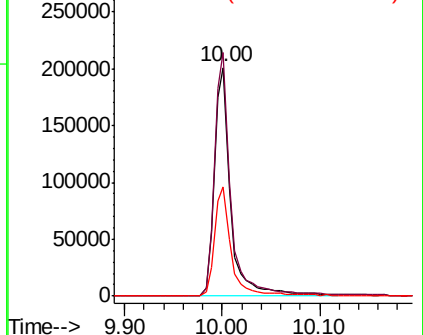


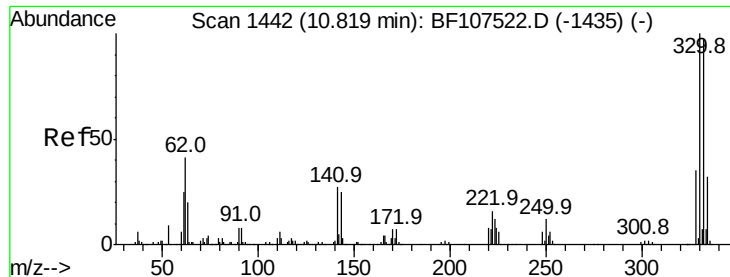
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Tgt Ion:164 Resp: 234046
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 47.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

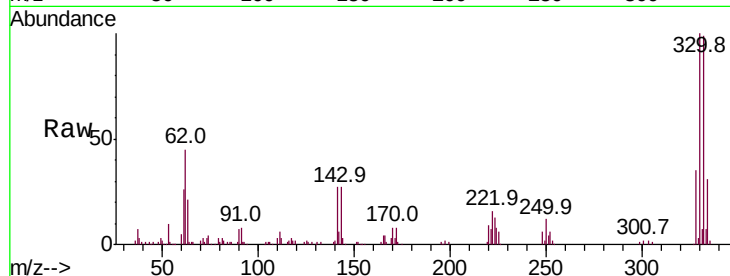




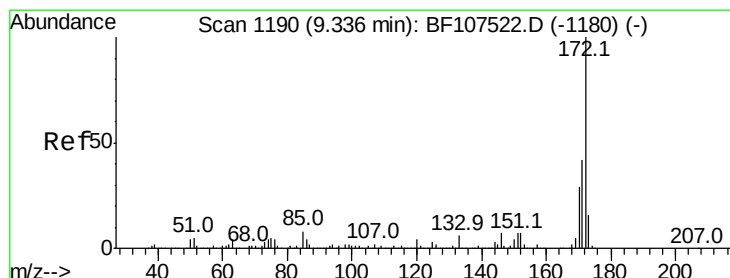
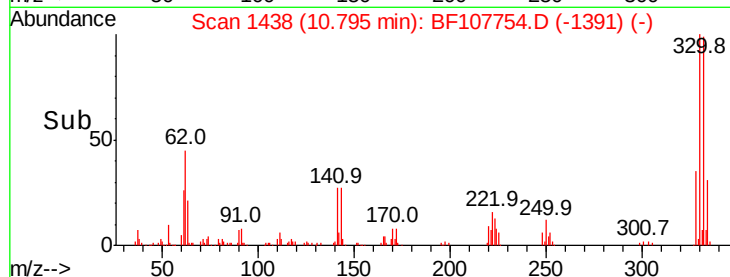
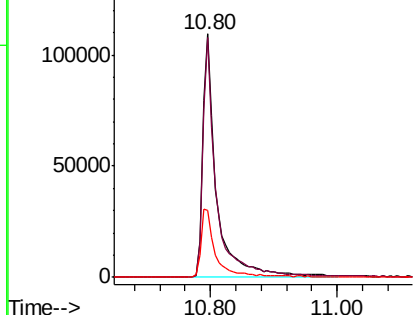
#41
 2,4,6-Tribromophenol
 Concen: 62.172 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107754.D
 Acq: 27 Jul 2018 19:01

Instrument :
 BNA_F
 ClientSampled :
 TP-14-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.1	29.9	44.9#

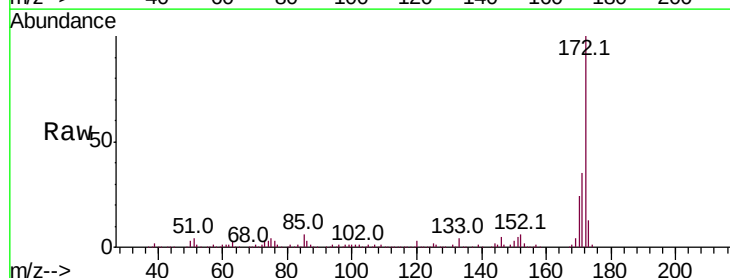


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

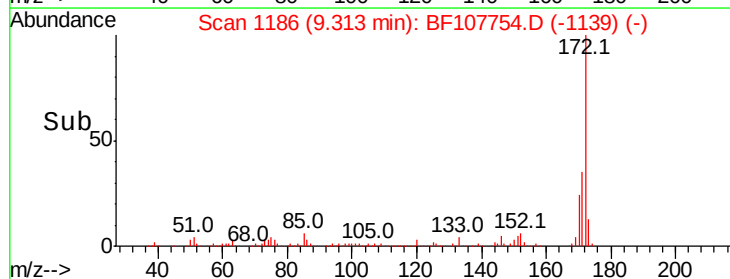
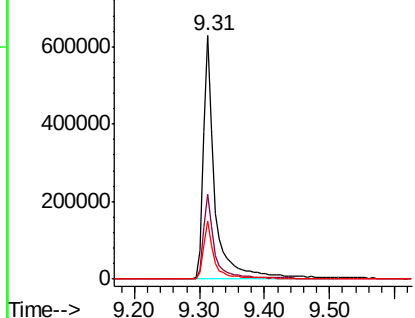


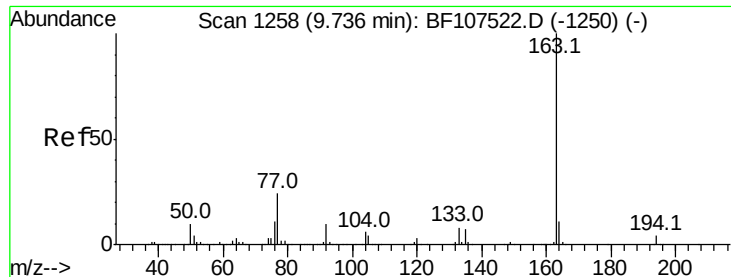
#44
 2-Fluorobiphenyl
 Concen: 51.420 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107754.D
 Acq: 27 Jul 2018 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.9	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

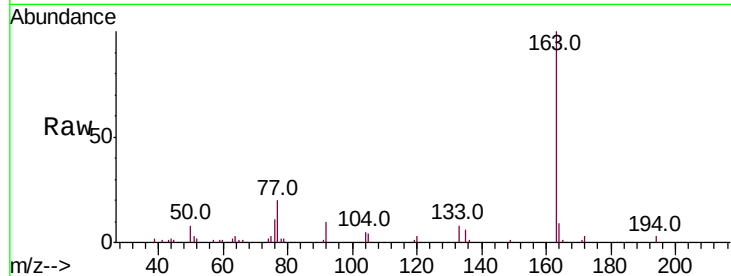




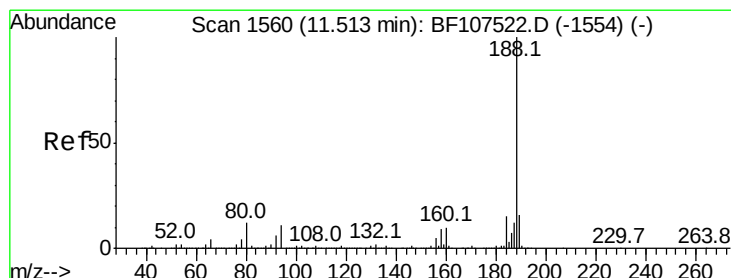
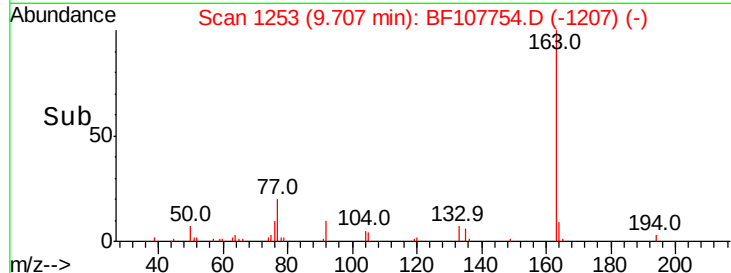
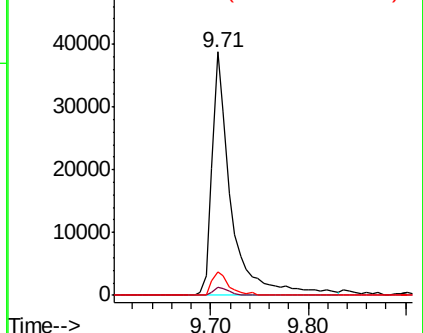
#49
Dimethylphthalate
Concen: 2.989 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Instrument :
BNA_F
ClientSampled :
TP-14-D

Tot Ion:163 Resp: 52718
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.4 8.2 12.2

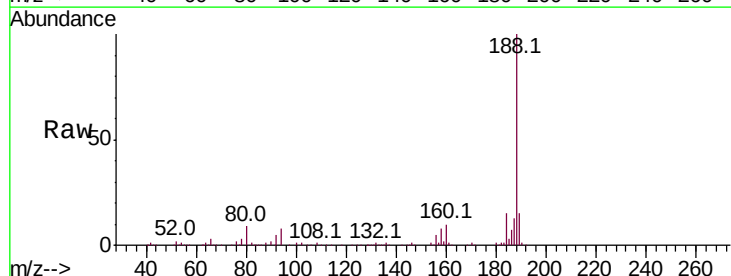


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

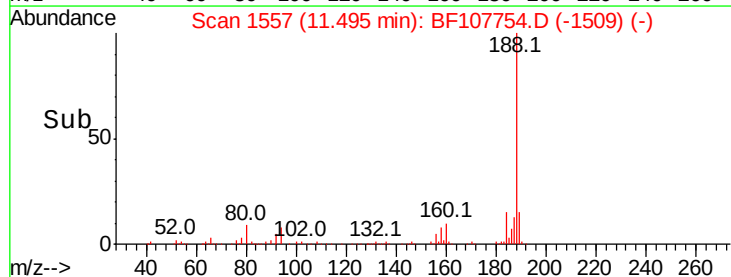
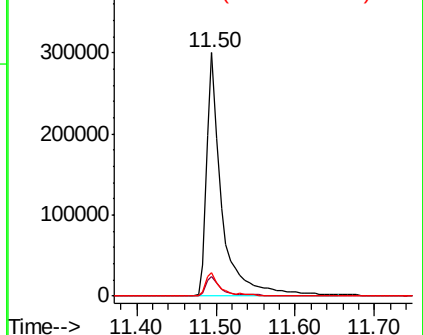


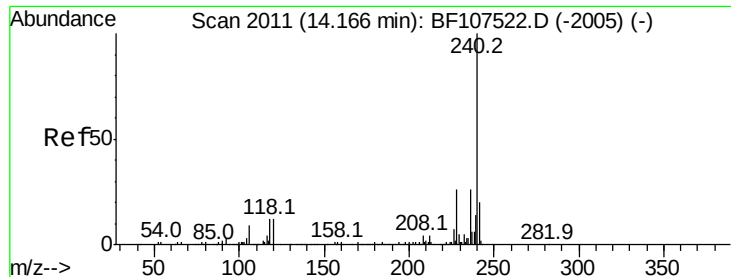
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Tgt Ion:188 Resp: 406426
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.4 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

TP-14-D

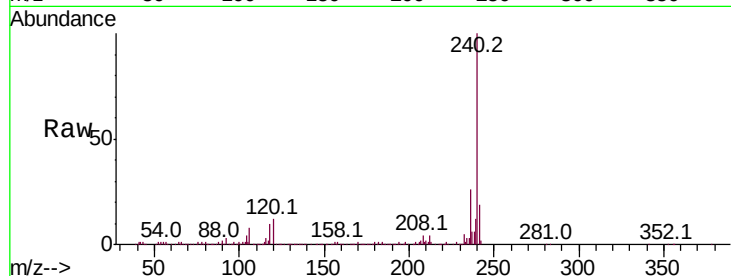
Tot Ion:240 Resp: 388720

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

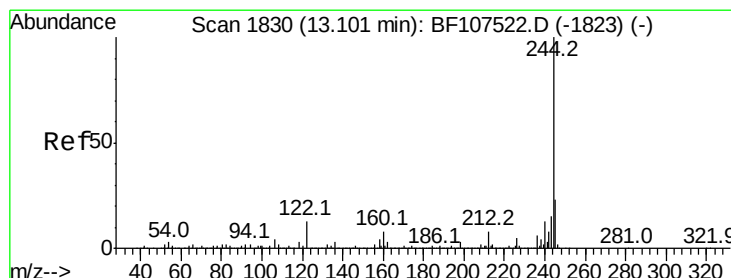
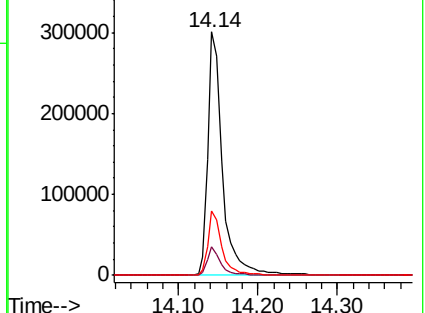
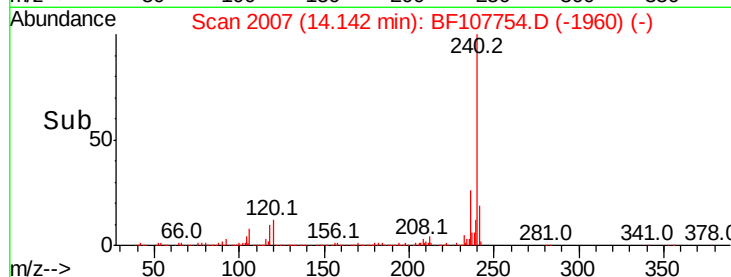
236 26.4 20.7 31.1



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: 42.285 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

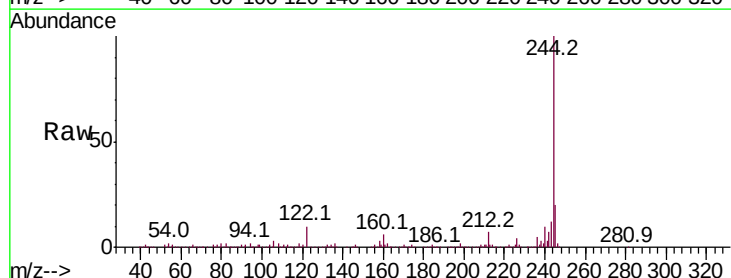
Tgt Ion:244 Resp: 642046

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

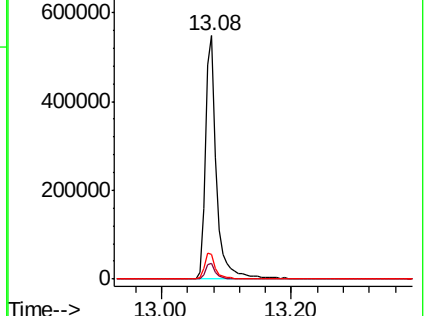
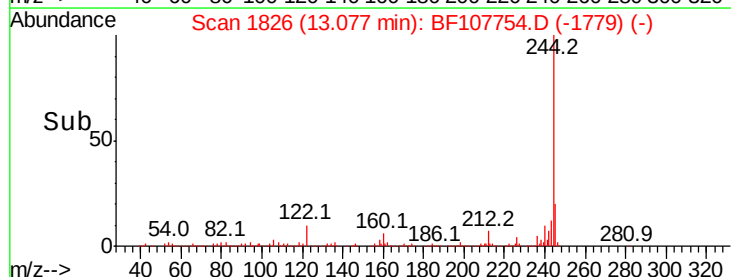
122 10.3 11.0 16.4

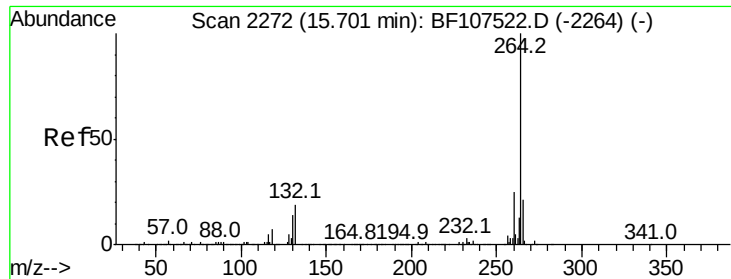


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.7	17.5	26.3

