

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107158.D
 Acq On : 6 Jul 2018 7:46
 Operator : JU/SJ
 Sample : J3851-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-D-B

Quant Time: Jul 06 08:33:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

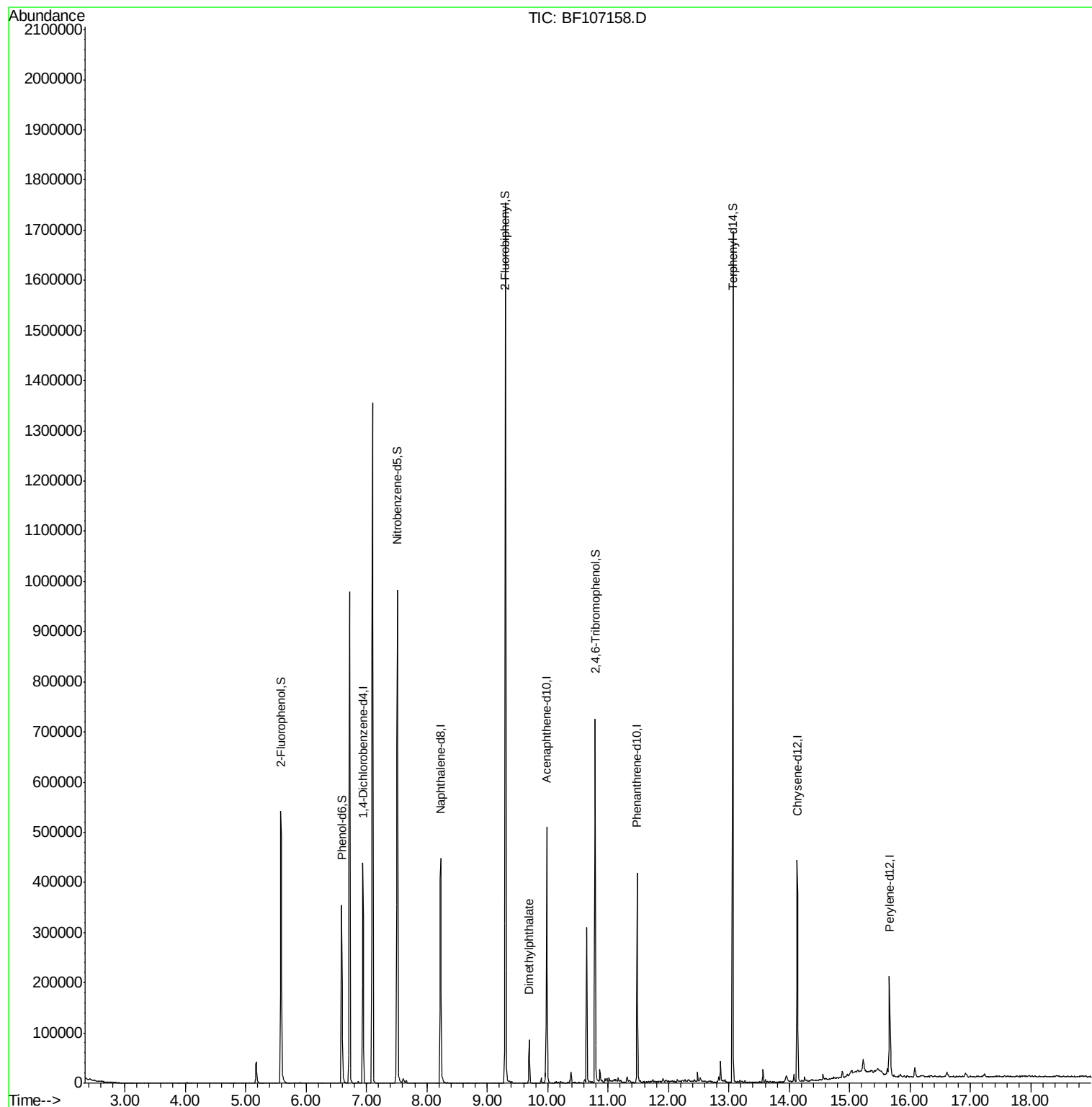
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64567	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	241506	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	107879	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	174693	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	165003	20.00	ng	-0.04
86) Perylene-d12	15.66	264	112662	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	172087	45.13	ng	-0.02
7) Phenol-d6	6.59	99	141119	29.64	ng	-0.02
23) Nitrobenzene-d5	7.51	82	372094	85.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	101875	81.48	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	638243	103.32	ng	-0.02
78) Terphenyl-d14	13.07	244	646621	94.93	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	38925	4.811	ng	Qvalue # 99

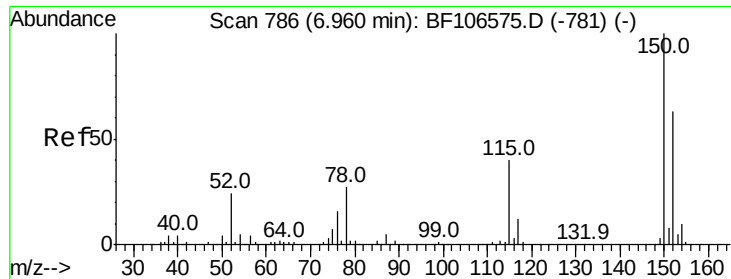
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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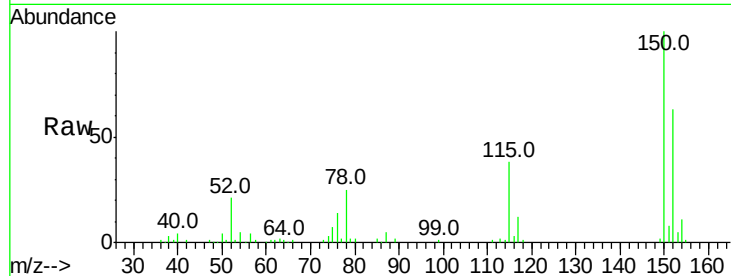


#1

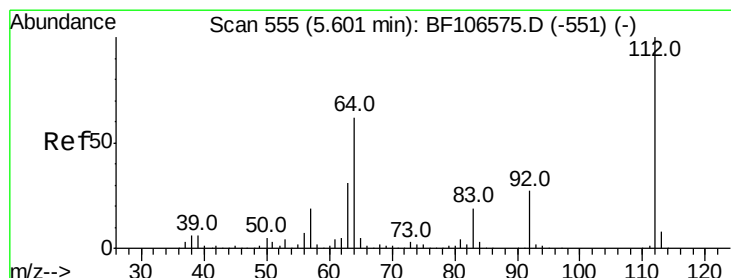
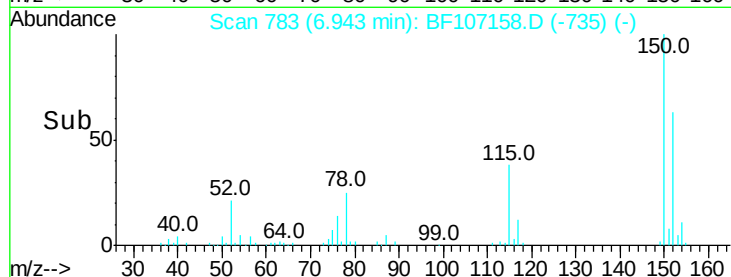
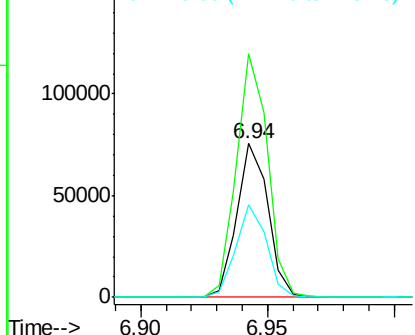
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-D-B

Tot Ion:152 Resp: 64567
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.1 50.1 75.1



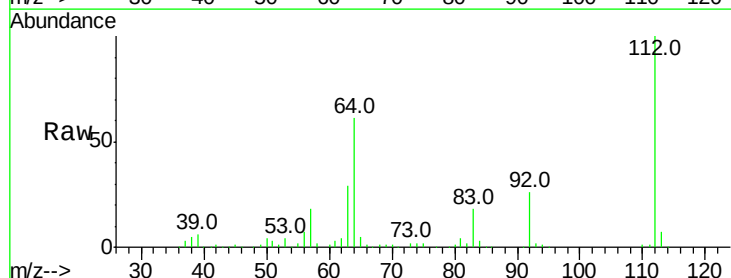
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



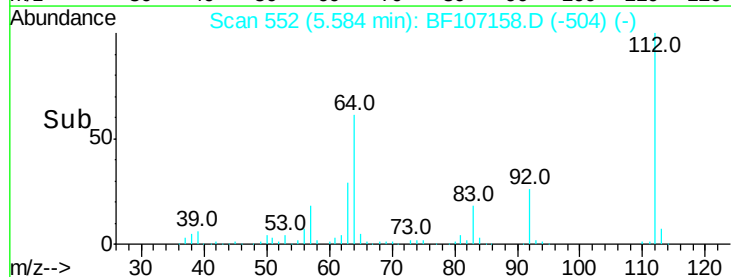
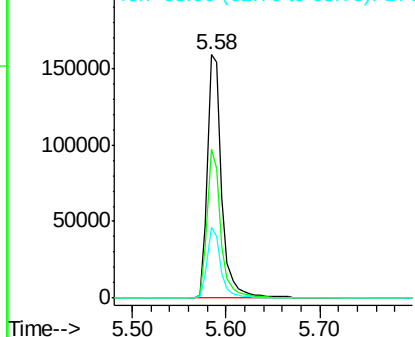
#5

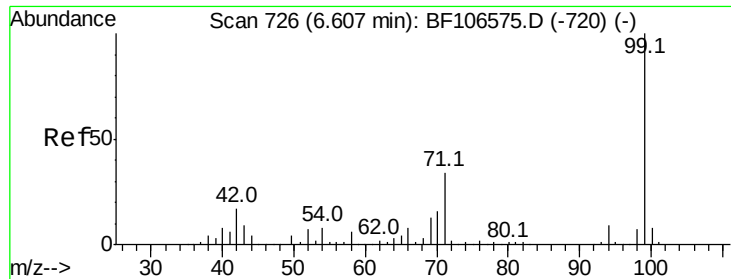
2-Fluorophenol
Concen: 45.131 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Tgt Ion:112 Resp: 172087
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 29.1 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: 29.636 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-D-B

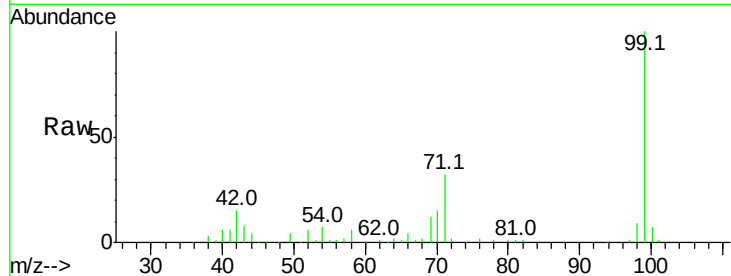
Tot Ion: 99 Resp: 141119

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

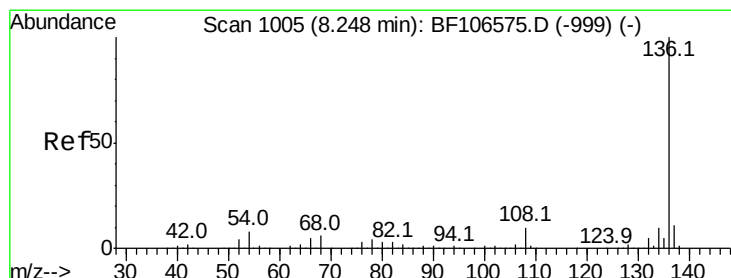
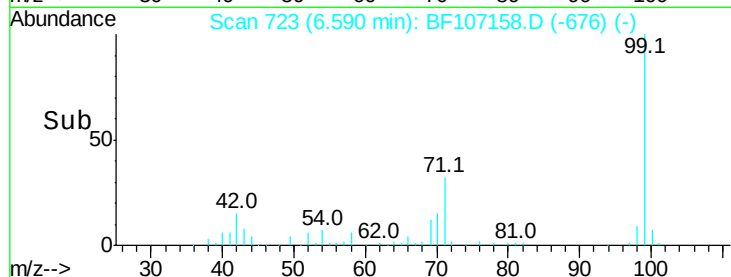
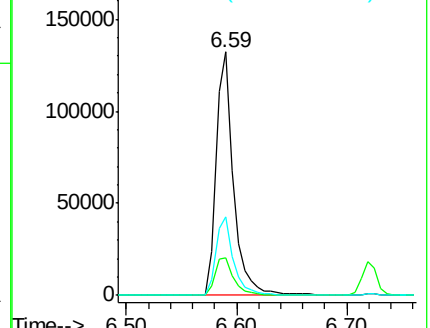
71 32.0 25.4 38.0



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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Tgt Ion: 136 Resp: 241506

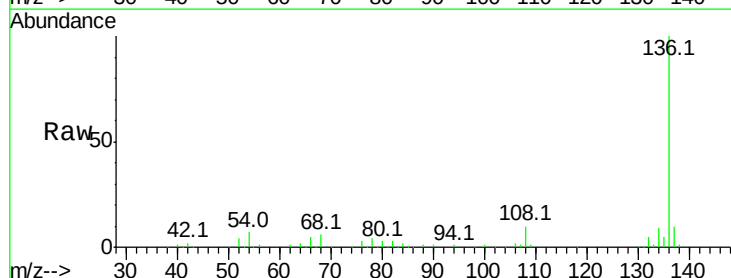
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

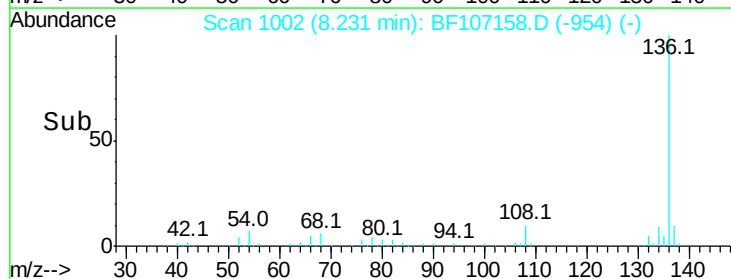
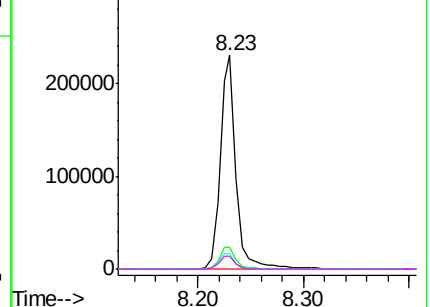


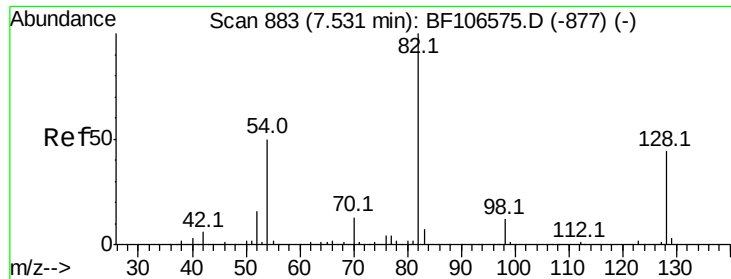
Abundance Ion 136.00 (135.70 to 136.70): E

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

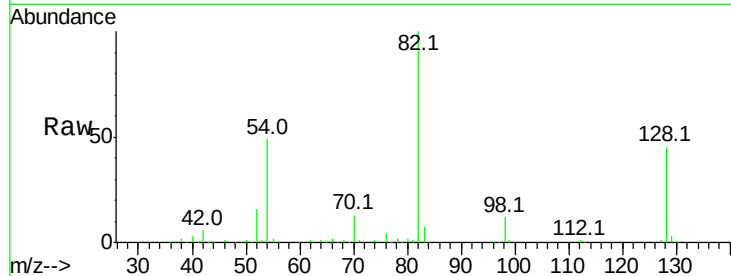




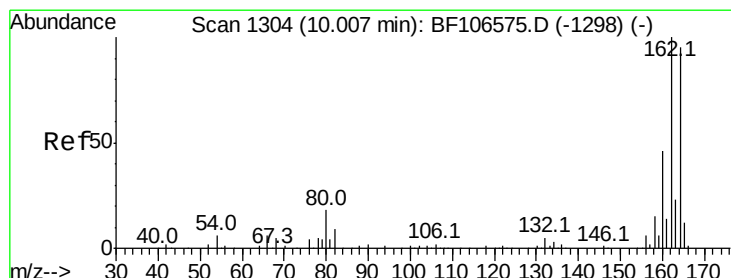
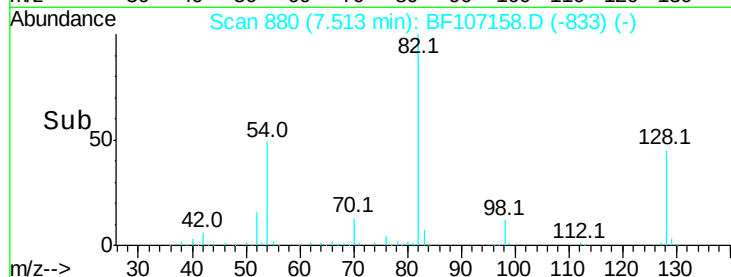
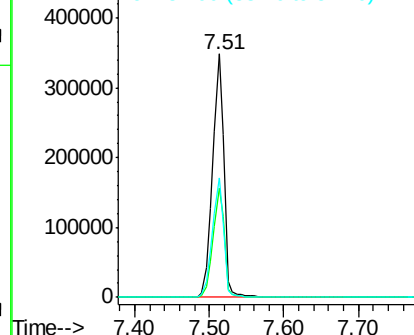
#23
 Nitrobenzene-d5
 Concen: 85.623 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-D-B

Tot Ion: 82 Resp: 372094
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 48.9 41.4 62.2

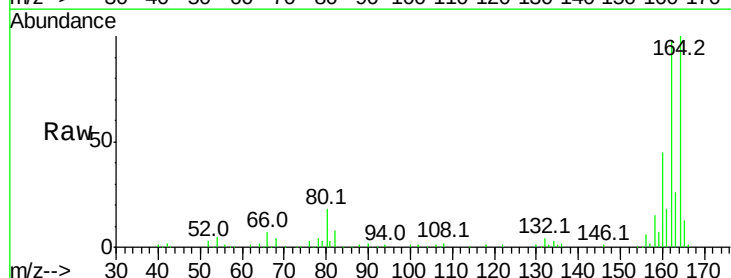


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

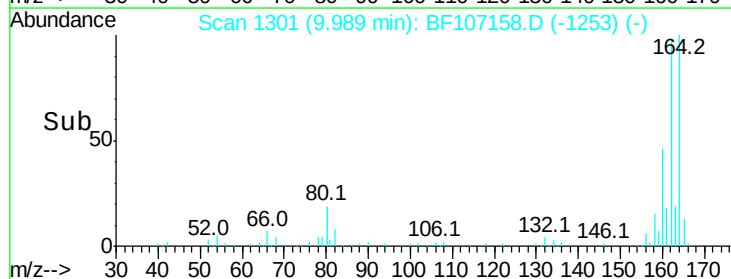
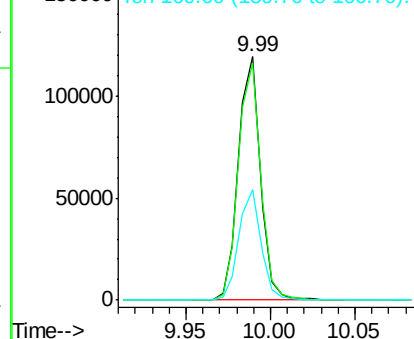


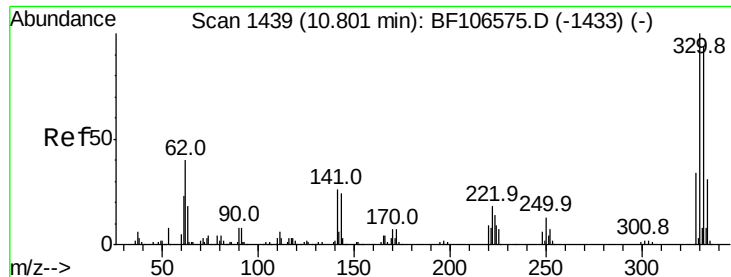
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

Tgt Ion:164 Resp: 107879
 Ion Ratio Lower Upper
 164 100
 162 97.6 86.1 129.1
 160 45.3 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

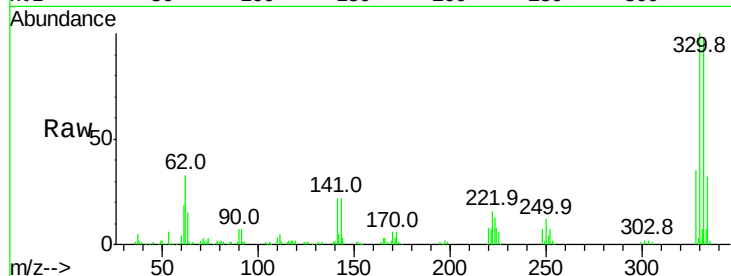




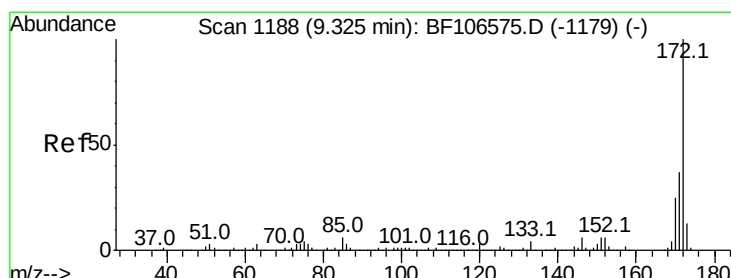
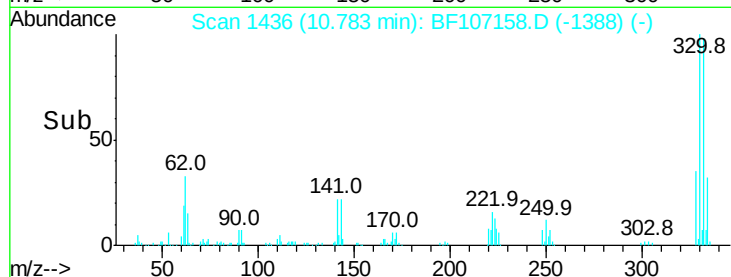
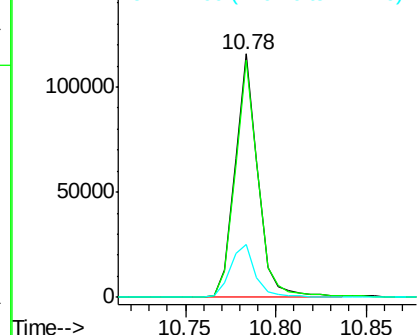
#41
 2,4,6-Tribromophenol
 Concen: 81.477 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	23.8	29.9	44.9#

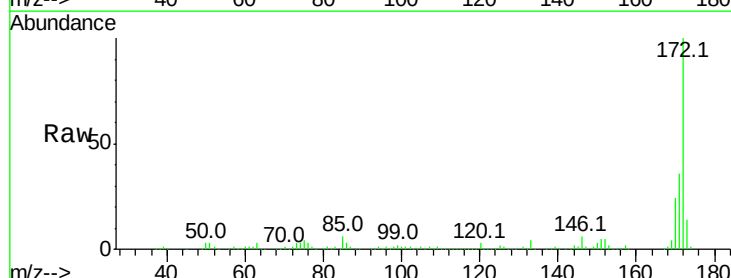


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

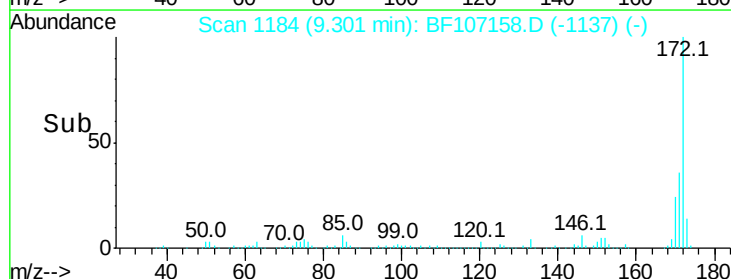
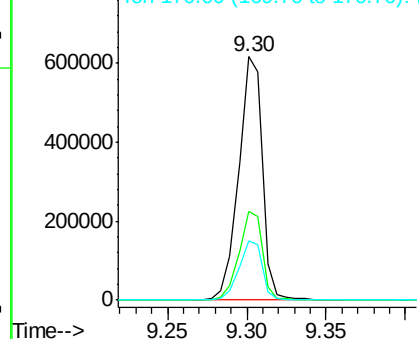


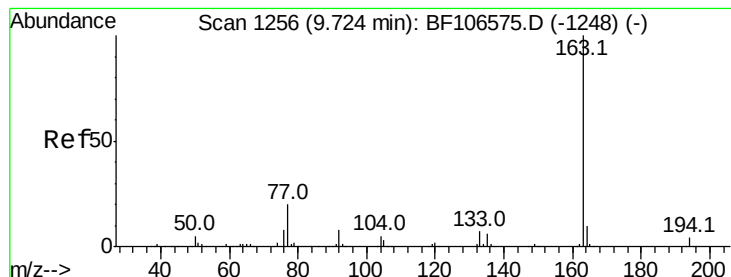
#44
 2-Fluorobiphenyl
 Concen: 103.320 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107158.D
 Acq: 6 Jul 2018 7:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	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





#49

Dimethylphthalate

Concen: 4.811 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-D-B

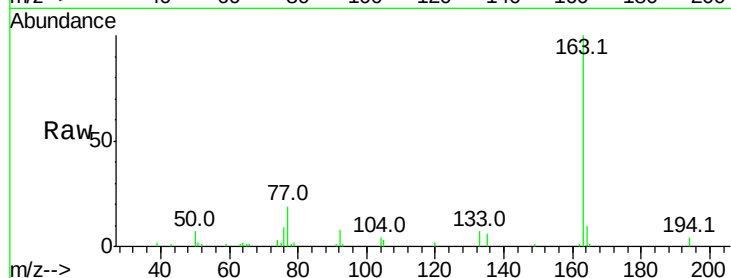
Tot Ion:163 Resp: 38925

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

164 10.4 8.2 12.2

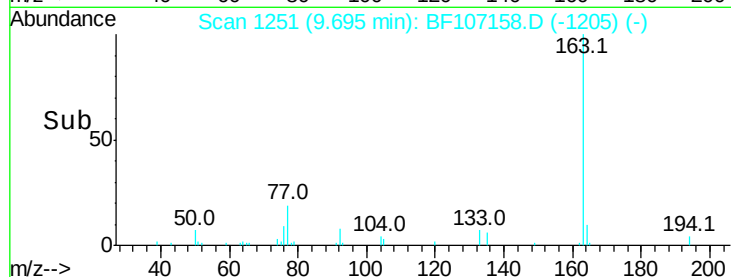


Abundance Ion 163.00 (162.70 to 163.70): E

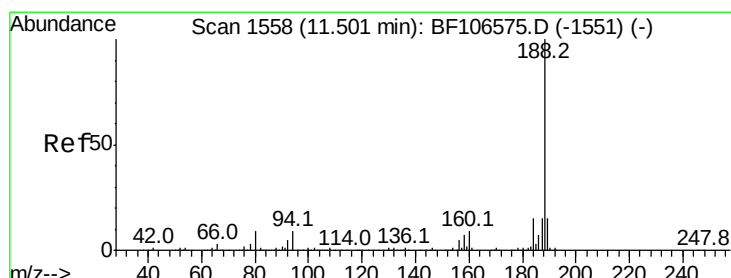
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

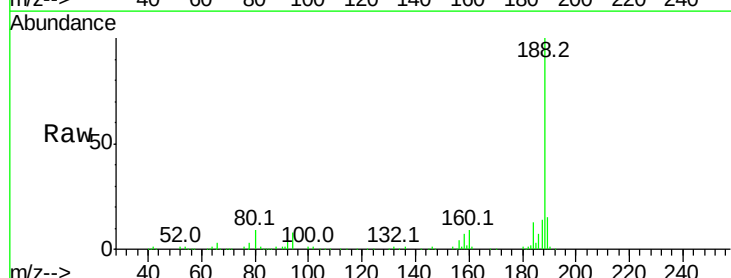
Tgt Ion:188 Resp: 174693

Ion Ratio Lower Upper

188 100

94 7.6 8.5 12.7#

80 8.6 9.2 13.8#

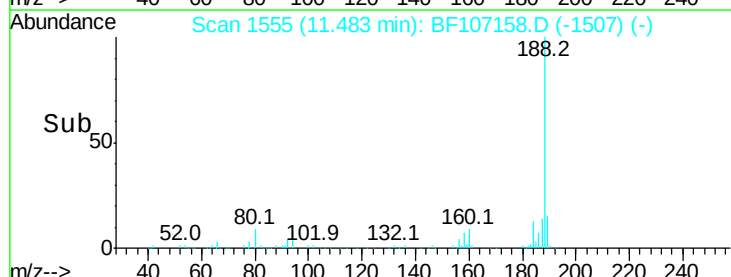


Abundance Ion 188.00 (187.70 to 188.70): E

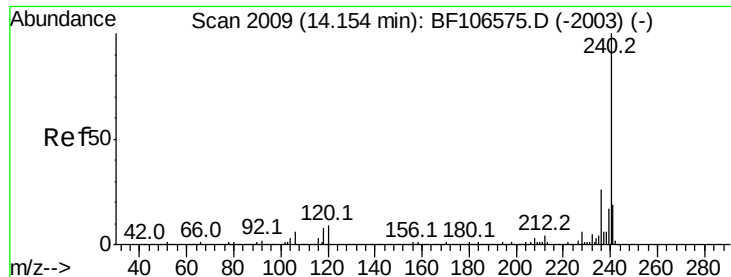
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-D-B

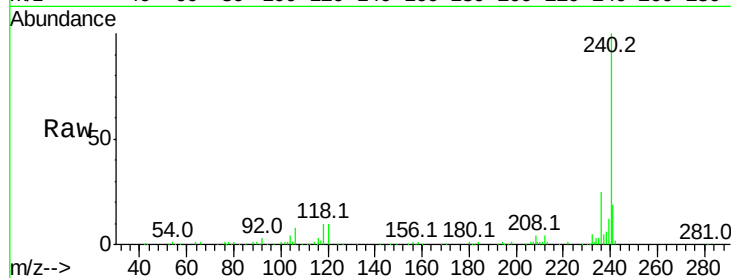
Tot Ion:240 Resp: 165003

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

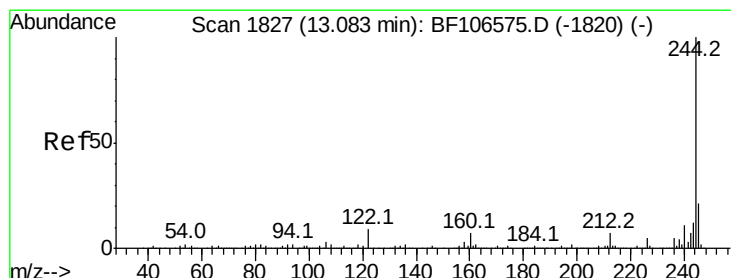
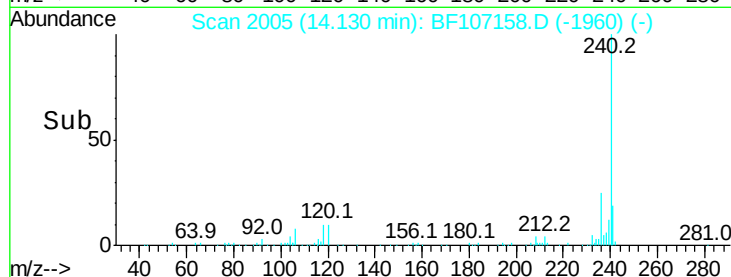
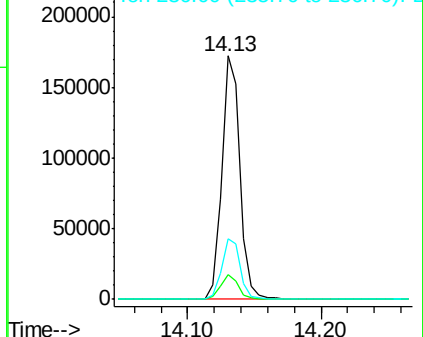
236 24.9 20.7 31.1



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: 94.926 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107158.D

Acq: 6 Jul 2018 7:46

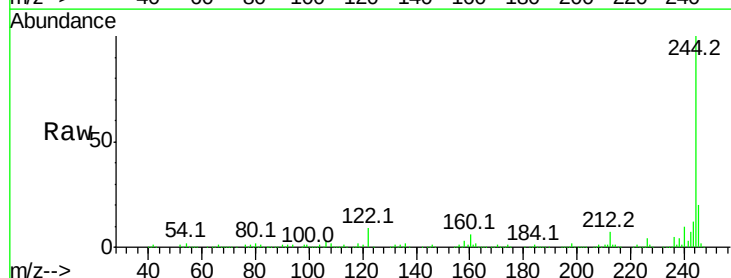
Tgt Ion:244 Resp: 646621

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

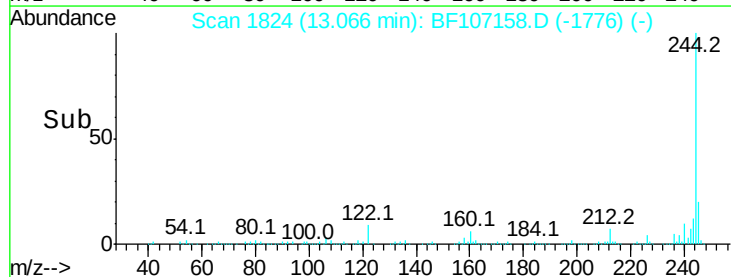
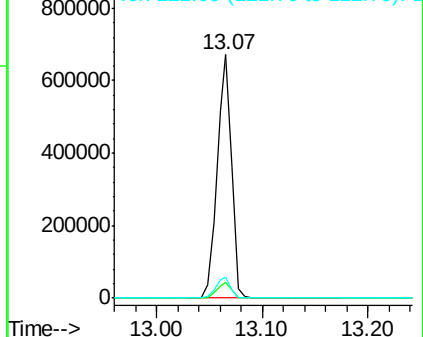
122 8.6 11.0 16.4#

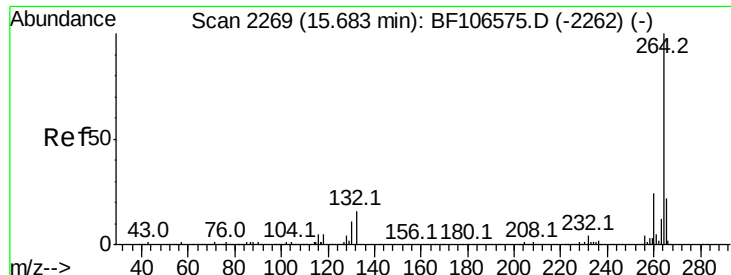


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

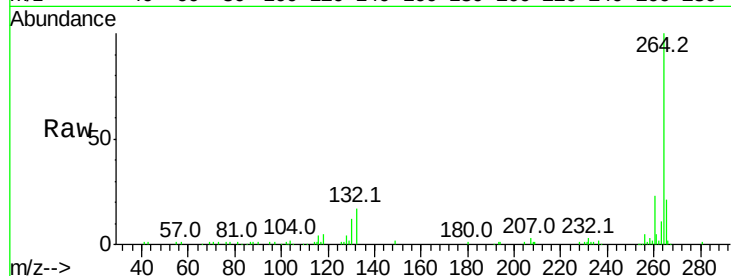




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2265
Delta R.T. -0.06 min
Lab File: BF107158.D
Acq: 6 Jul 2018 7:46

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	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

