

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107259.D
 Acq On : 10 Jul 2018 5:42
 Operator : JU/SJ
 Sample : J3890-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070518-TIPC-E-D-M

Quant Time: Jul 10 08:08:52 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

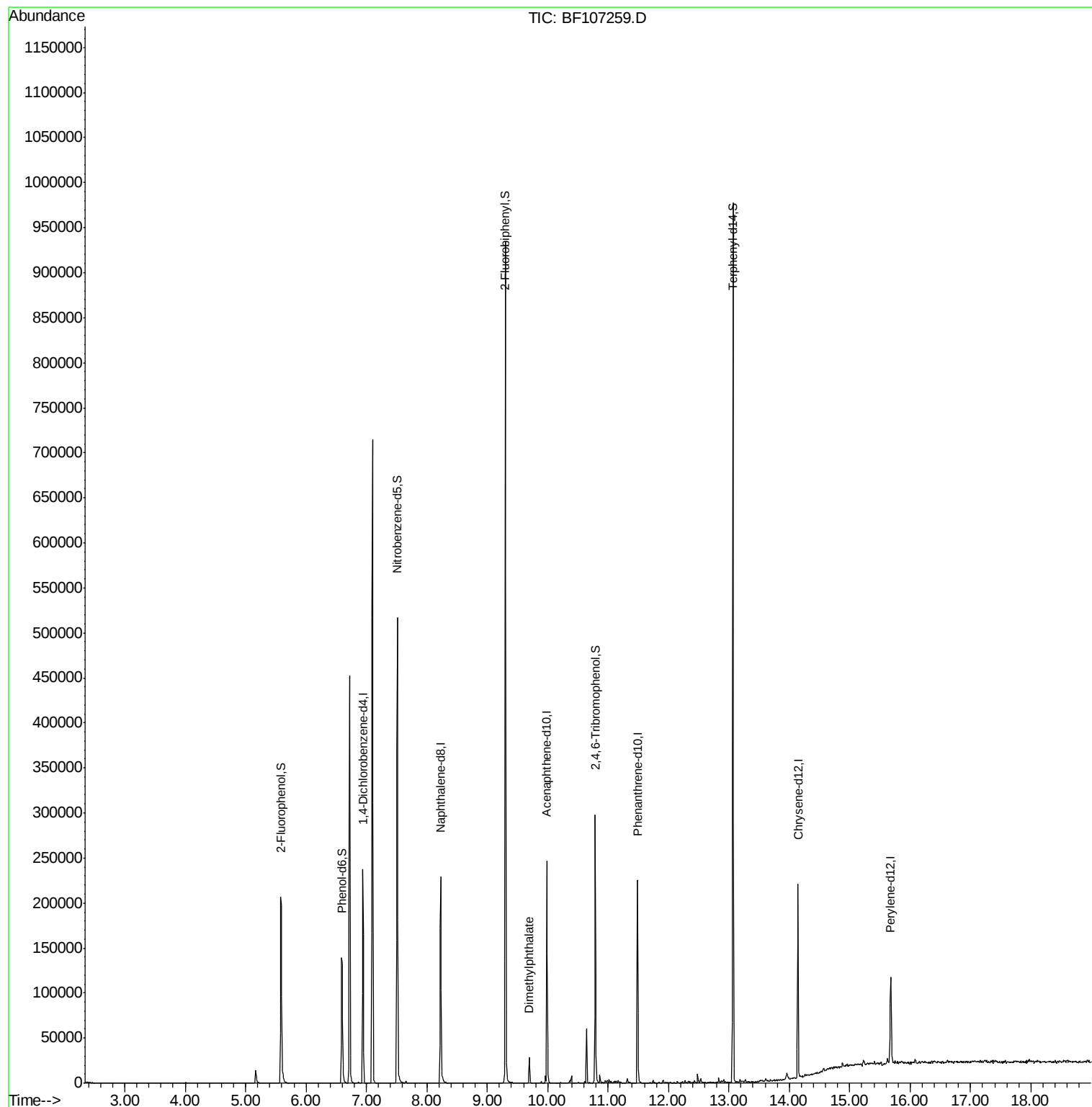
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	33924	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	118947	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	51994	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	98681	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	78616	20.00	ng	-0.02
86) Perylene-d12	15.68	264	56475	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	74630	37.25	ng	-0.01
7) Phenol-d6	6.59	99	55784	22.30	ng	-0.02
23) Nitrobenzene-d5	7.51	82	172979	80.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	46307	76.84	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	308247	103.57	ng	-0.02
78) Terphenyl-d14	13.07	244	370108	114.04	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	14356	3.681	ng	96

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

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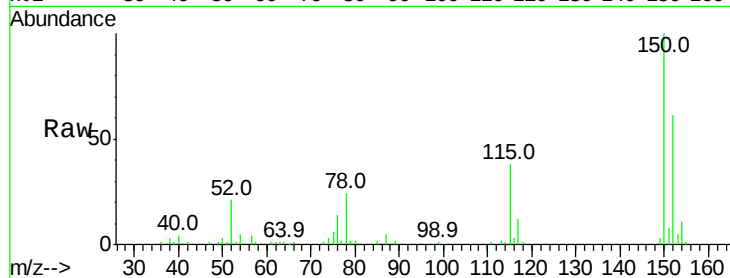


#1

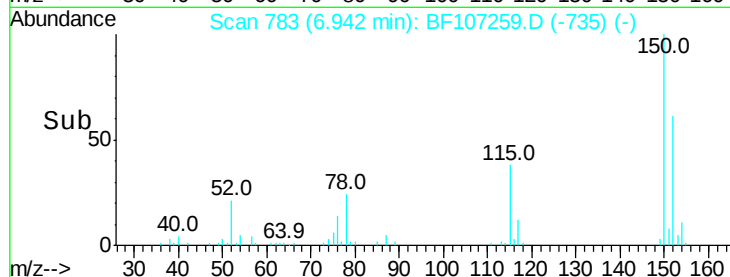
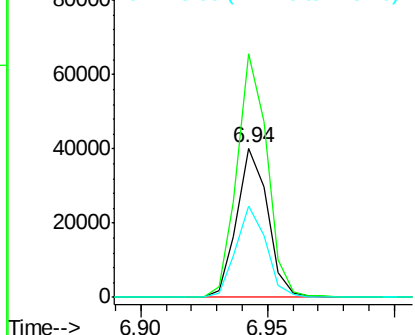
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107259.D
Acq: 10 Jul 2018 5:42

Instrument :
BNA_F
ClientSampleId :
070518-TIPC-E-D-M

Tot Ion:152 Resp: 33924
Ion Ratio Lower Upper
152 100
150 163.2 124.6 186.8
115 61.4 50.1 75.1



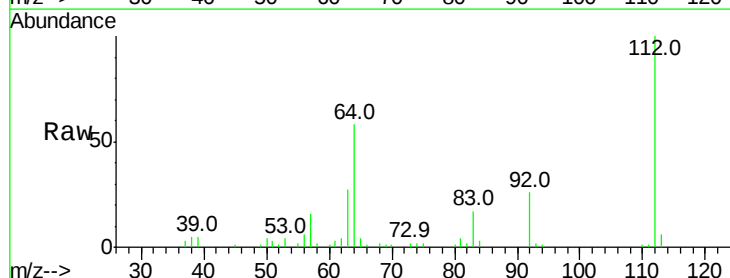
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



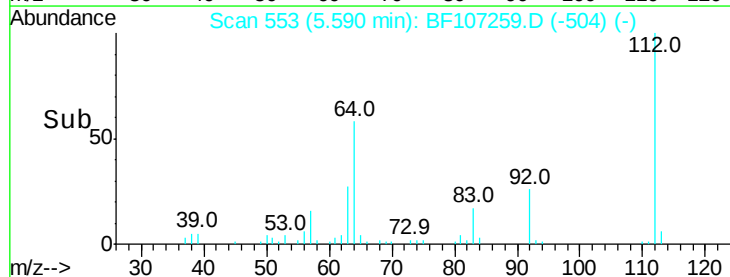
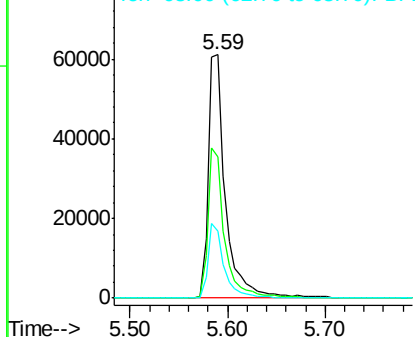
#5

2-Fluorophenol
Concen: 37.252 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107259.D
Acq: 10 Jul 2018 5:42

Tgt Ion:112 Resp: 74630
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 27.4 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: 22.297 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107259.D

Acq: 10 Jul 2018 5:42

Instrument :

BNA_F

ClientSampleId :

070518-TIPC-E-D-M

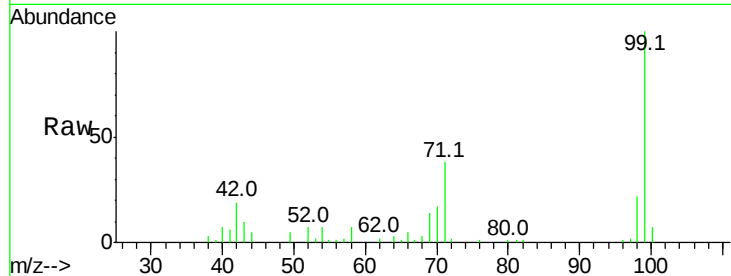
Tot Ion: 99 Resp: 55784

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

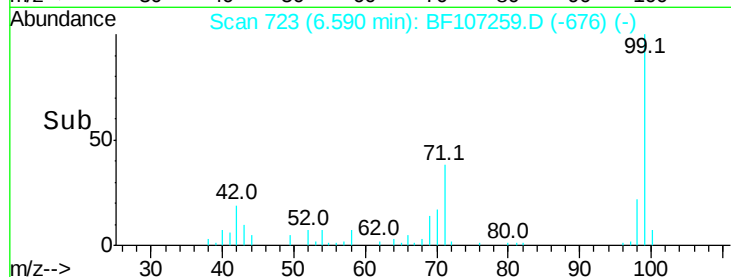
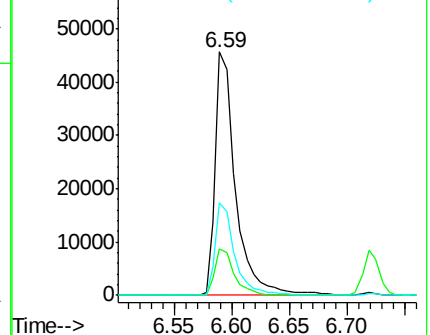
71 37.9 25.4 38.0



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: BF107259.D

Acq: 10 Jul 2018 5:42

Tgt Ion: 136 Resp: 118947

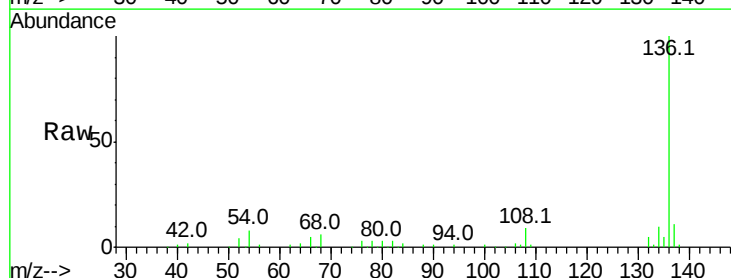
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 6.2 5.0 7.4

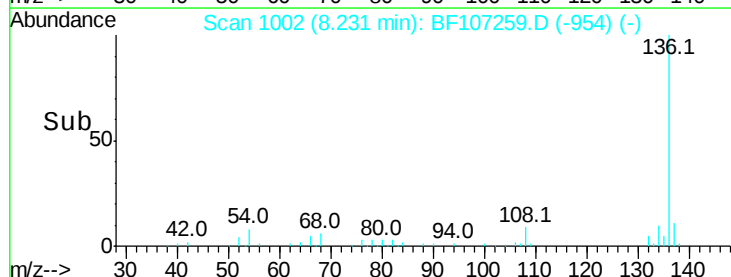
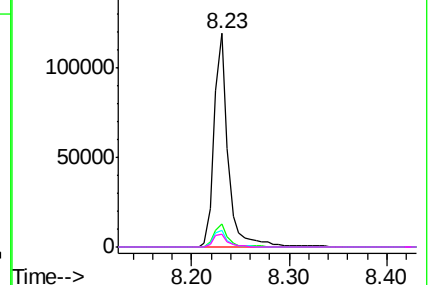


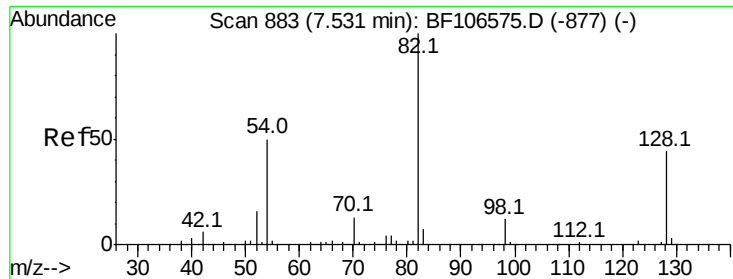
Abundance Ion 136.00 (135.70 to 136.70): E

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

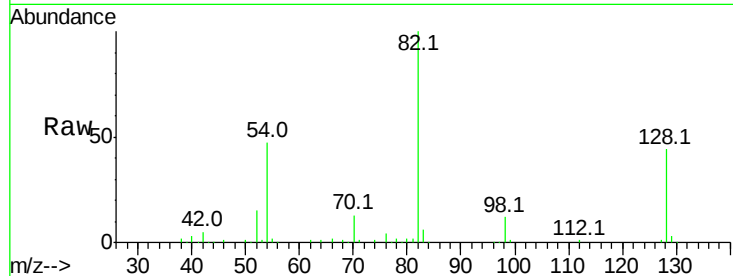




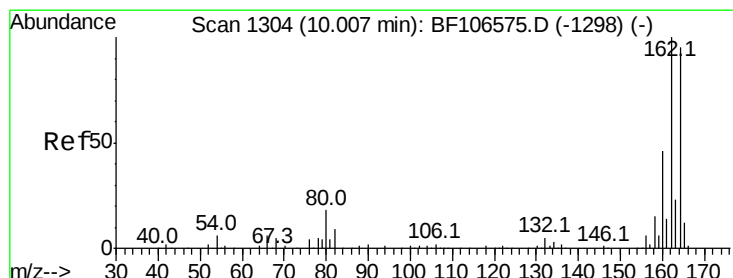
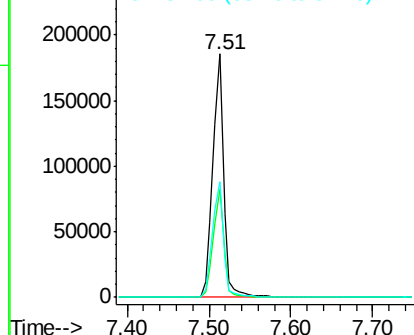
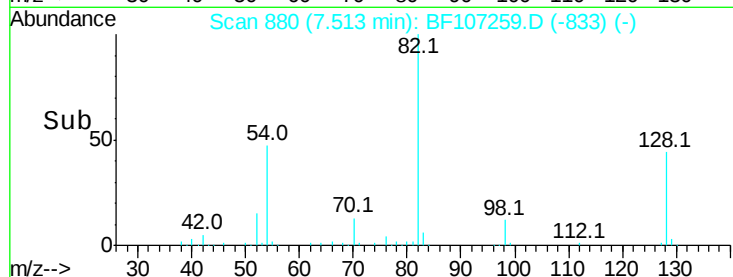
#23
 Nitrobenzene-d5
 Concen: 80.818 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107259.D
 Acq: 10 Jul 2018 5:42

Instrument :
 BNA_F
 ClientSampleId :
 070518-TIPC-E-D-M

Tot Ion	82	Resp	172979
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.1	54.1
54	47.5	41.4	62.2

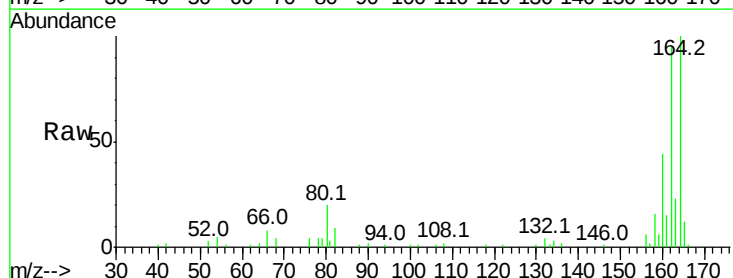


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

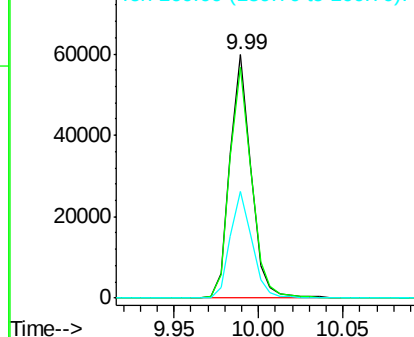
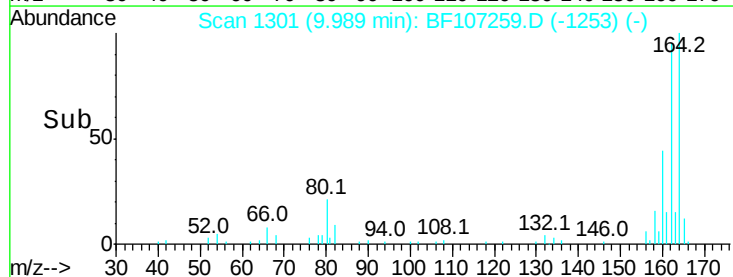


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107259.D
 Acq: 10 Jul 2018 5:42

Tgt Ion	164	Resp	51994
Ion Ratio	Lower	Upper	
164	100		
162	94.6	86.1	129.1
160	43.7	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

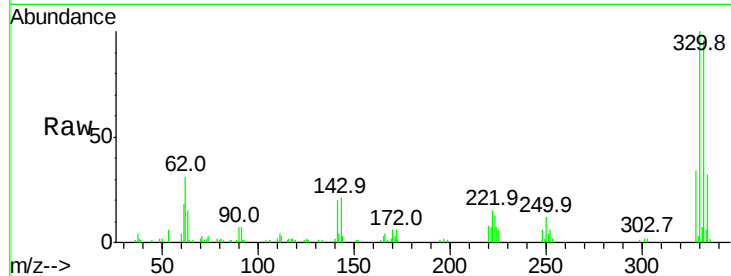




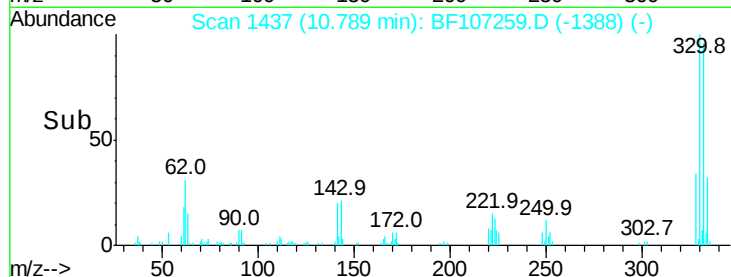
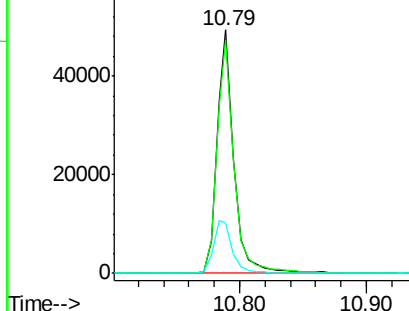
#41
 2,4,6-Tribromophenol
 Concen: 76.842 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107259.D
 Acq: 10 Jul 2018 5:42

Instrument :
 BNA_F
 ClientSampleId :
 070518-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	24.2	29.9	44.9#

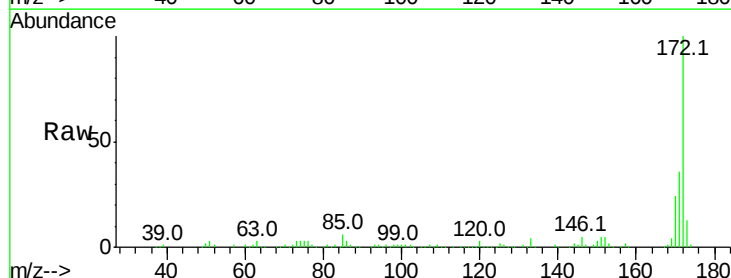


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

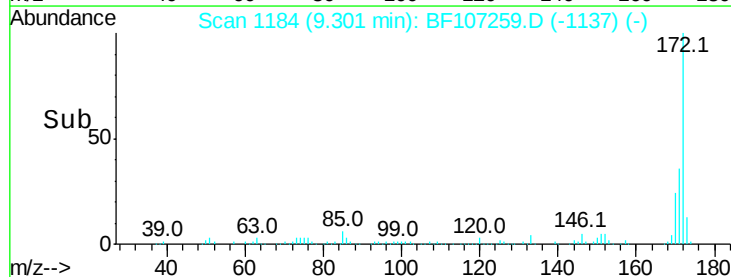
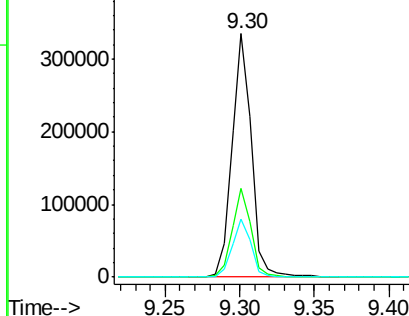


#44
 2-Fluorobiphenyl
 Concen: 103.570 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107259.D
 Acq: 10 Jul 2018 5:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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: 3.681 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107259.D

Acq: 10 Jul 2018 5:42

Instrument :

BNA_F

ClientSampleId :

070518-TIPC-E-D-M

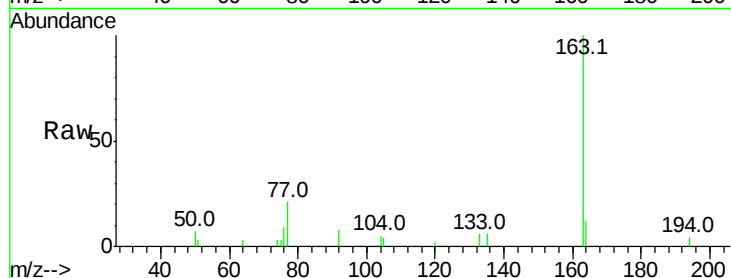
Tot Ion:163 Resp: 14356

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

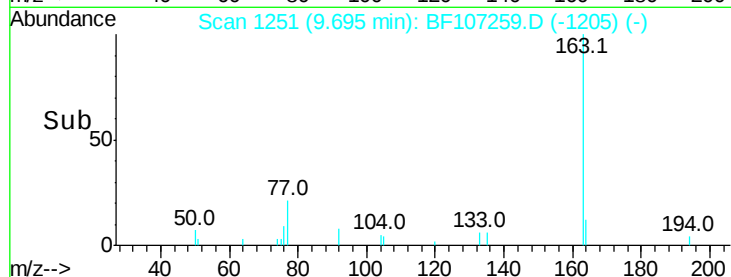
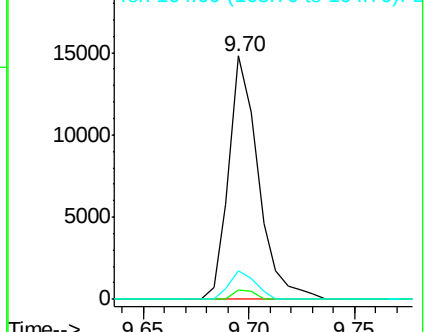
164 11.8 8.2 12.2



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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107259.D

Acq: 10 Jul 2018 5:42

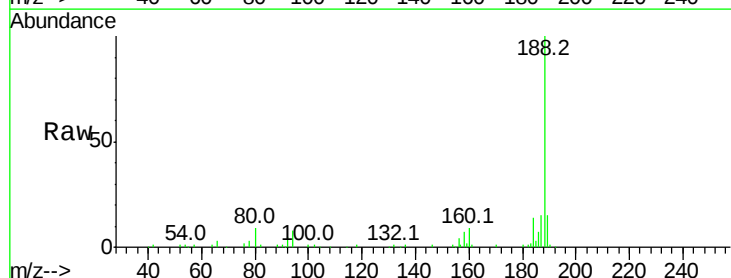
Tgt Ion:188 Resp: 98681

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

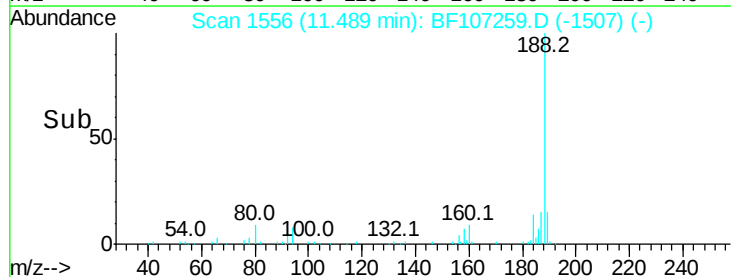
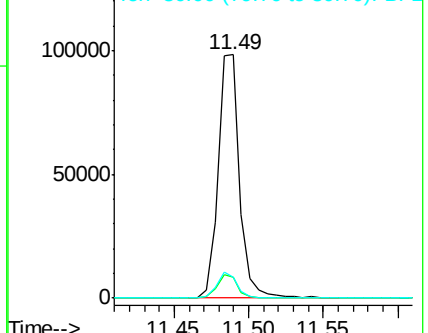
80 8.7 9.2 13.8#

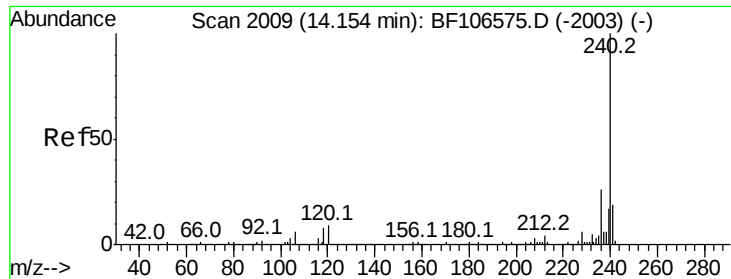


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF107259.D

Acq: 10 Jul 2018 5:42

Instrument :

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ClientSampleId :

070518-TIPC-E-D-M

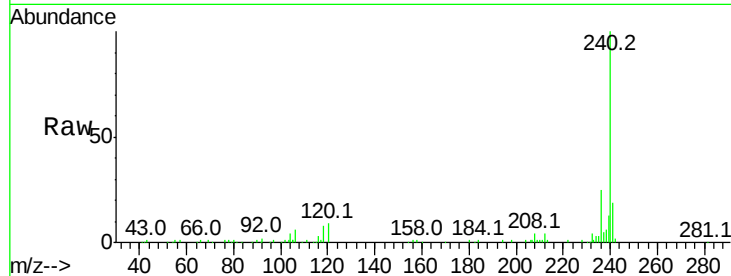
Tot Ion:240 Resp: 78616

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

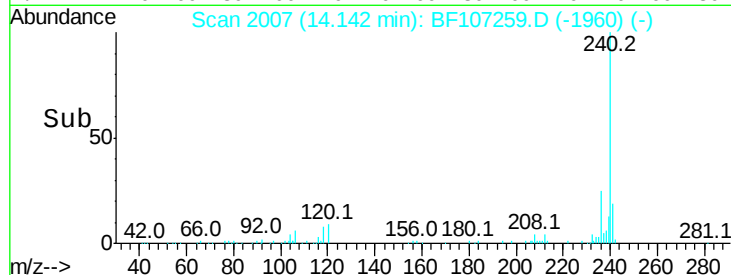
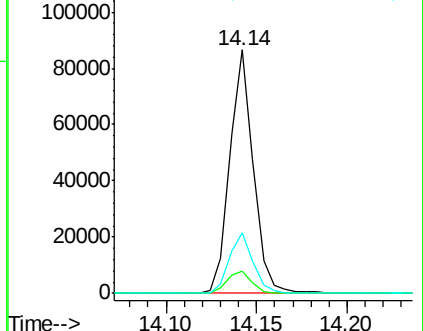
236 24.8 20.7 31.1



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: 114.037 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107259.D

Acq: 10 Jul 2018 5:42

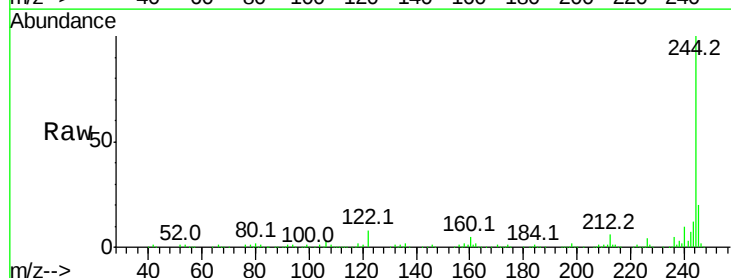
Tgt Ion:244 Resp: 370108

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

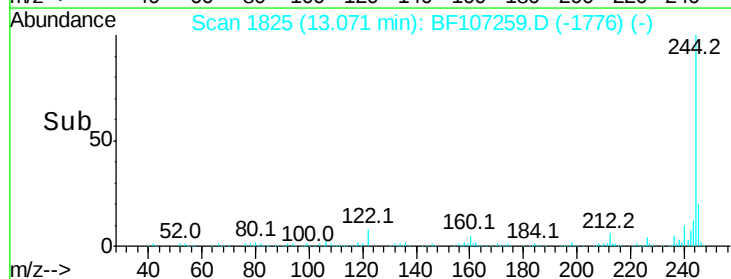
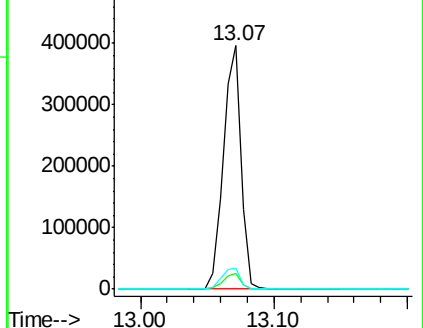
122 8.4 11.0 16.4#



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. -0.04 min
 Lab File: BF107259.D
 Acq: 10 Jul 2018 5:42

Instrument :
 BNA_F
 ClientSampleId :
 070518-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

