

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107256.D
 Acq On : 10 Jul 2018 4:16
 Operator : JU/SJ
 Sample : J3876-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070318-TIPC-E-U-M

Quant Time: Jul 10 08:02:54 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

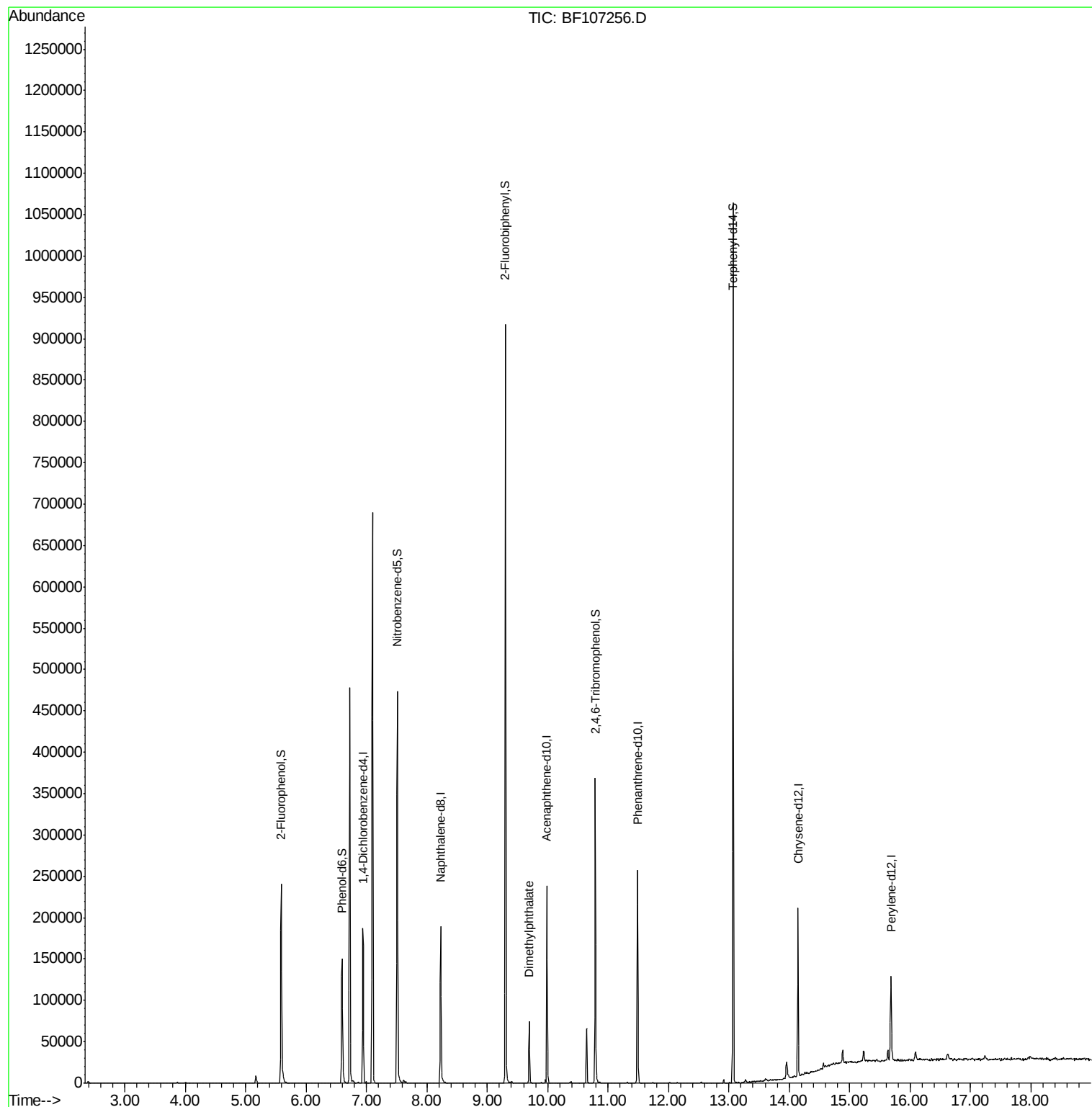
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	29004	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	99296	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	47122	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	105051	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	75095	20.00	ng	-0.02
86) Perylene-d12	15.68	264	56323	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	82152	47.96	ng	-0.01
7) Phenol-d6	6.60	99	57806	27.02	ng	-0.02
23) Nitrobenzene-d5	7.51	82	164023	91.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55411	101.46	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	308765	116.35	ng	-0.02
78) Terphenyl-d14	13.07	244	389480	125.63	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	31848	9.011	ng	99

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

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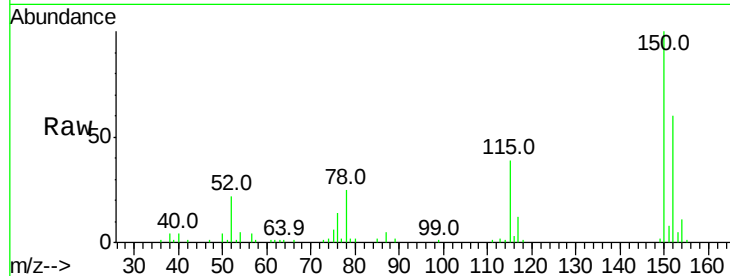


#1

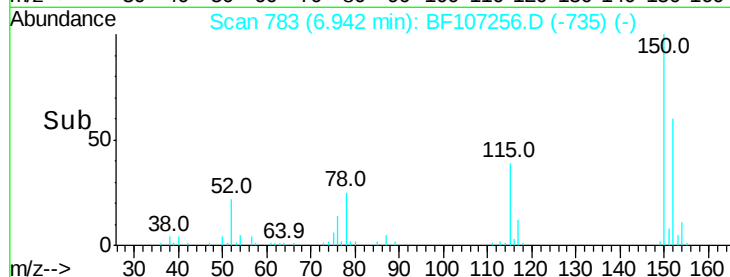
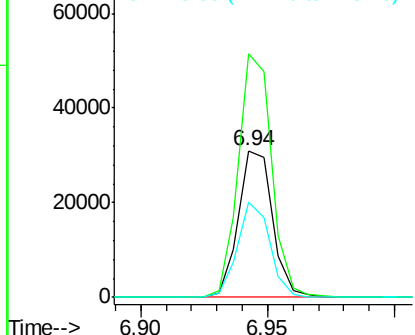
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107256.D
Acq: 10 Jul 2018 4:16

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-U-M

Tot Ion:152 Resp: 29004
Ion Ratio Lower Upper
152 100
150 165.7 124.6 186.8
115 64.9 50.1 75.1



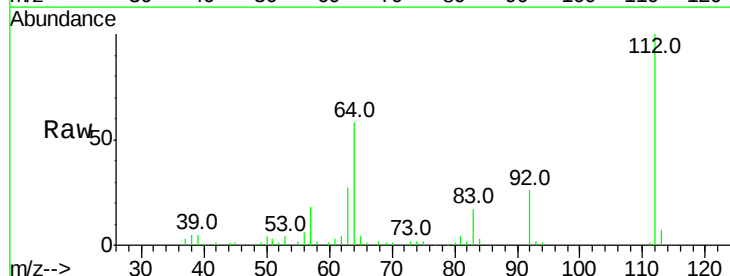
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



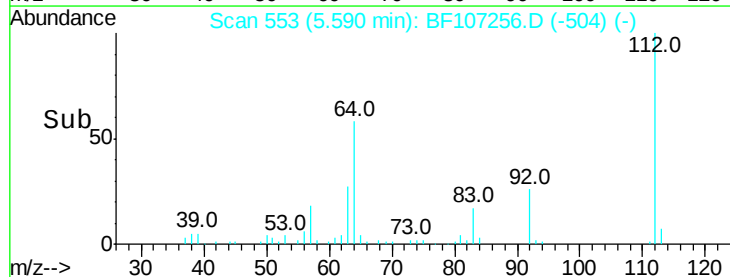
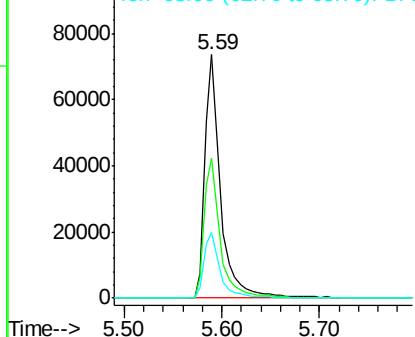
#5

2-Fluorophenol
Concen: 47.962 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107256.D
Acq: 10 Jul 2018 4:16

Tgt Ion:112 Resp: 82152
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 27.2 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: 27.025 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-U-M

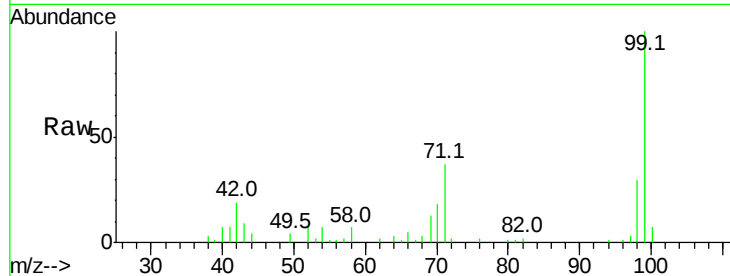
Tot Ion: 99 Resp: 57806

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

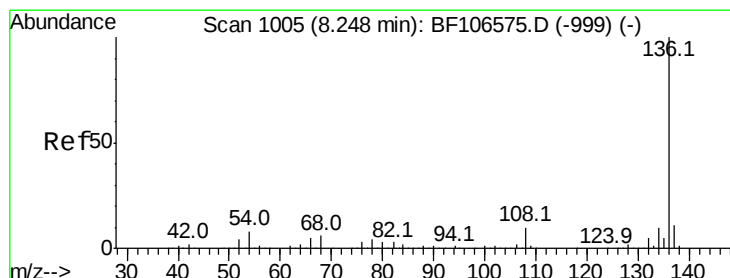
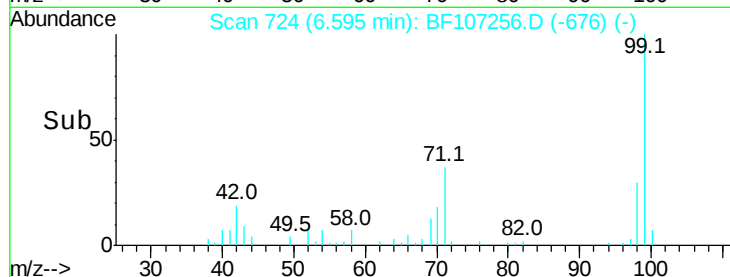
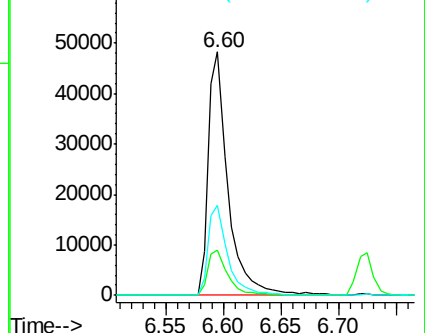
71 36.7 25.4 38.0



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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

Tgt Ion: 136 Resp: 99296

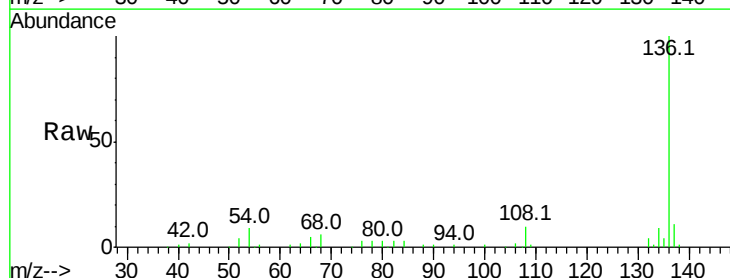
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.4 5.0 7.4

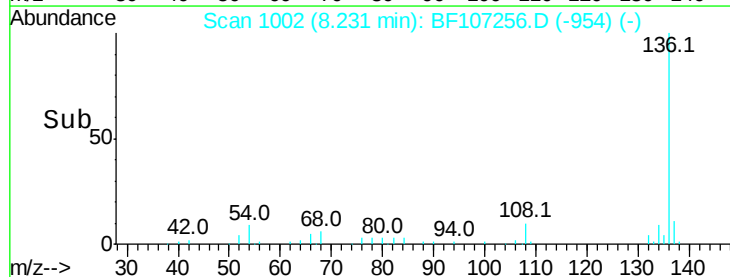
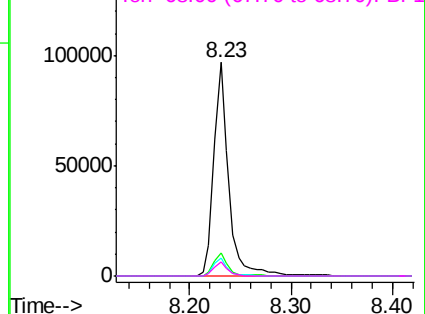


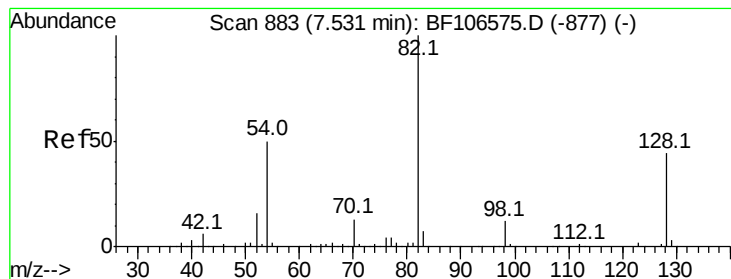
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.800 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-U-M

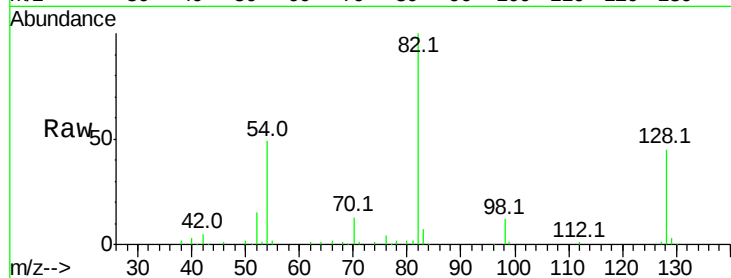
Tot Ion: 82 Resp: 164023

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

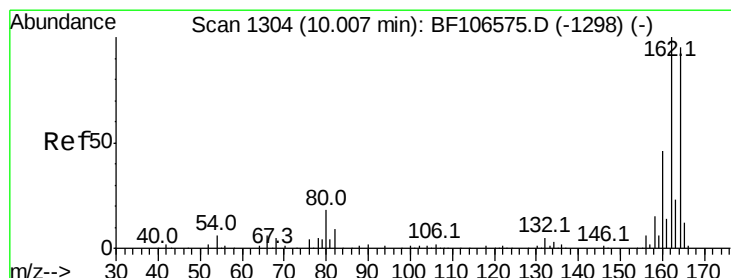
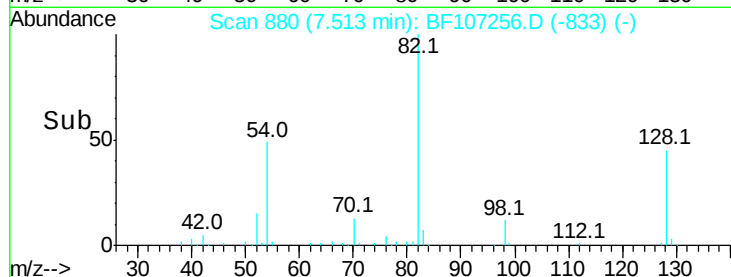
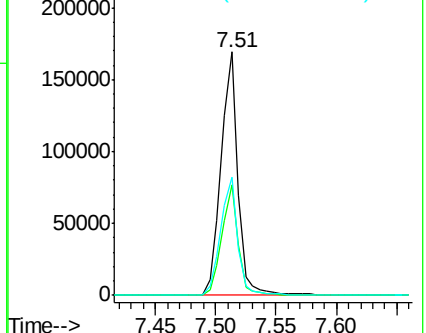
54 48.6 41.4 62.2



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: BF107256.D

Acq: 10 Jul 2018 4:16

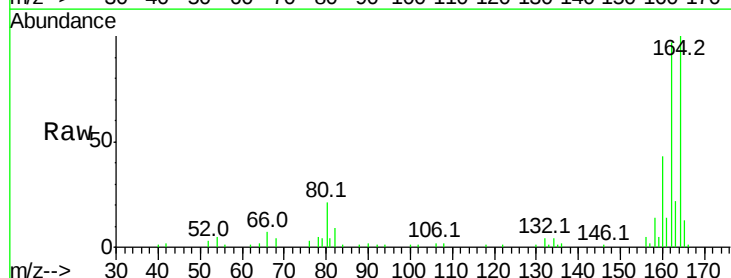
Tgt Ion: 164 Resp: 47122

Ion Ratio Lower Upper

164 100

162 96.7 86.1 129.1

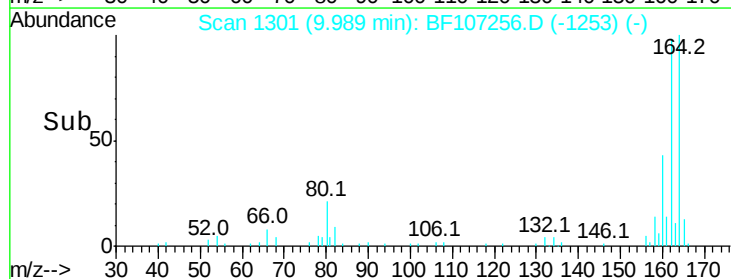
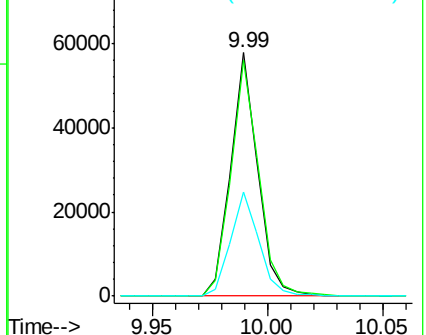
160 42.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

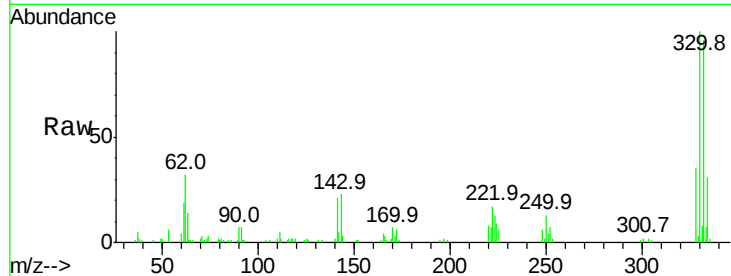




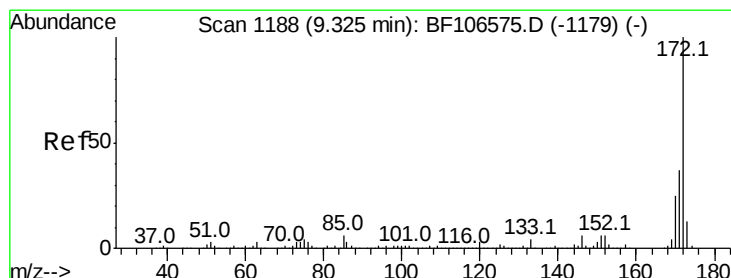
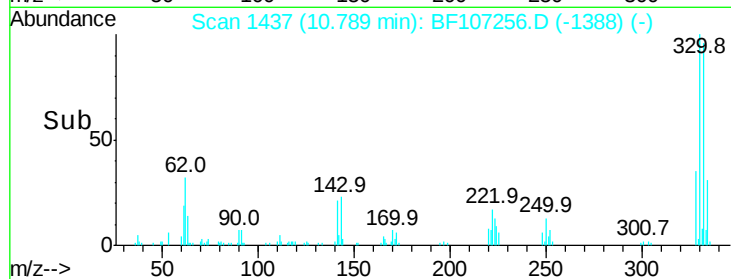
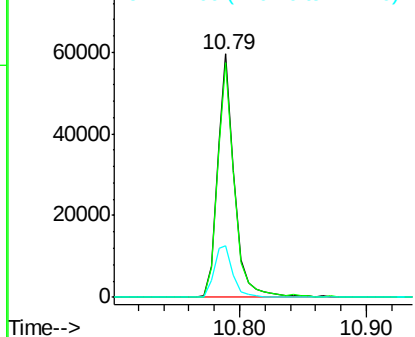
#41
 2,4,6-Tribromophenol
 Concen: 101.456 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

Instrument :
 BNA_F
 ClientSampleId :
 070318-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	23.5	29.9	44.9#

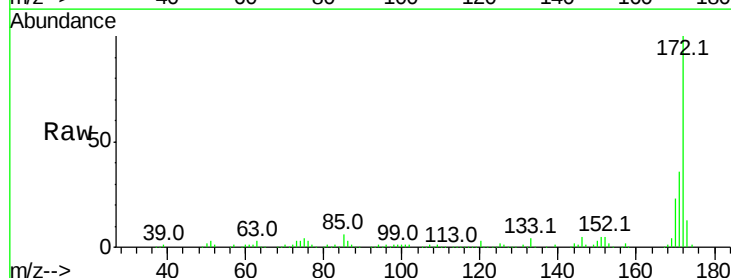


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

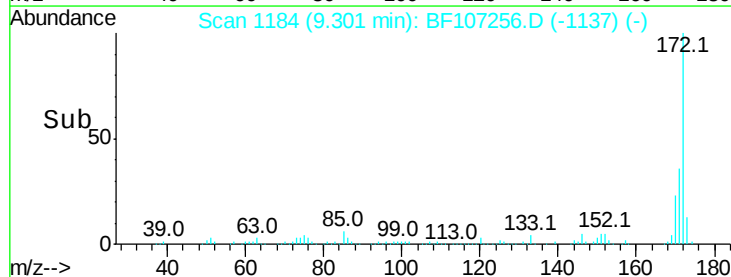
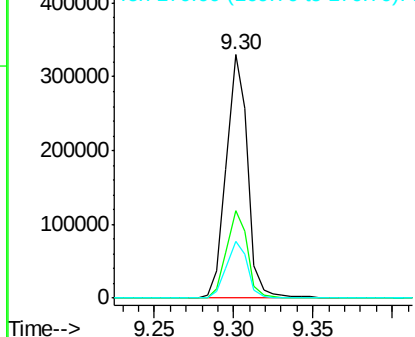


#44
 2-Fluorobiphenyl
 Concen: 116.349 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.4	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: 9.011 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-U-M

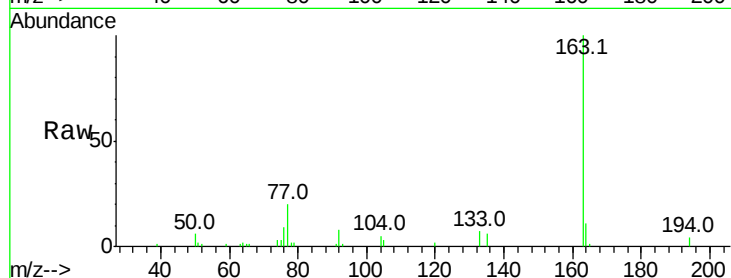
Tot Ion:163 Resp: 31848

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

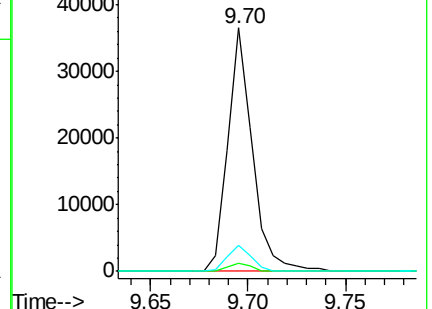
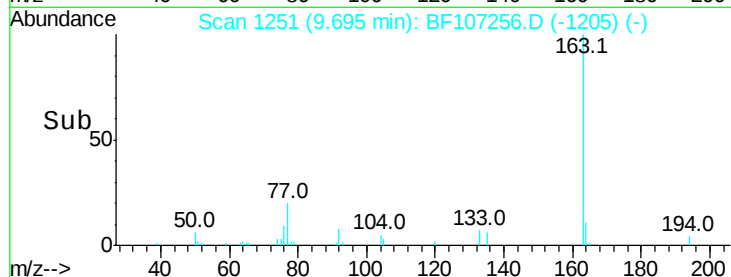
164 10.5 8.2 12.2



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: BF107256.D

Acq: 10 Jul 2018 4:16

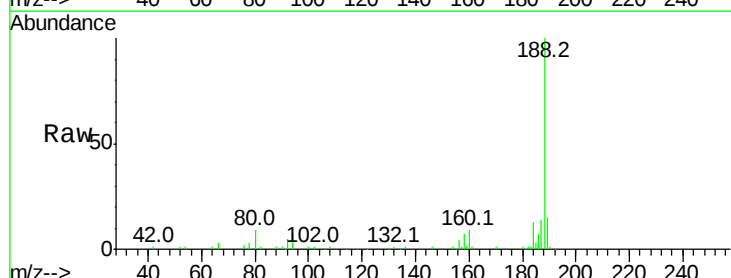
Tgt Ion:188 Resp: 105051

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

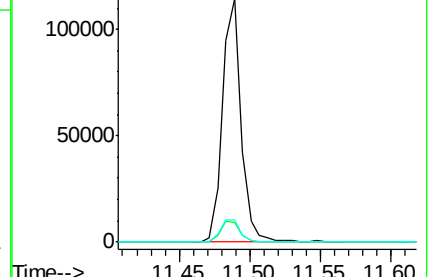
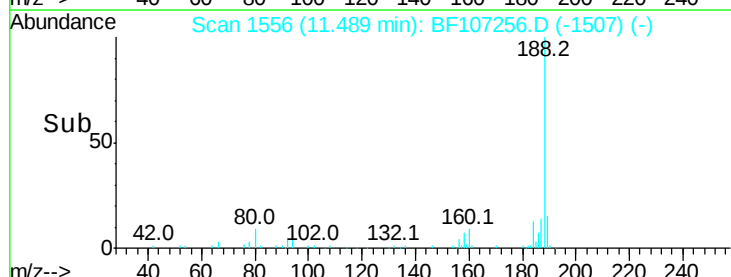
80 8.9 9.2 13.8#



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: BF107256.D

Acq: 10 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-U-M

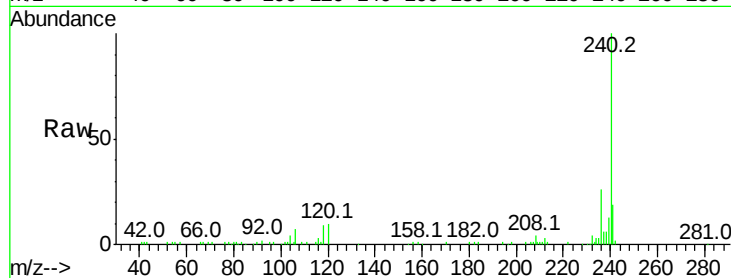
Tot Ion:240 Resp: 75095

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

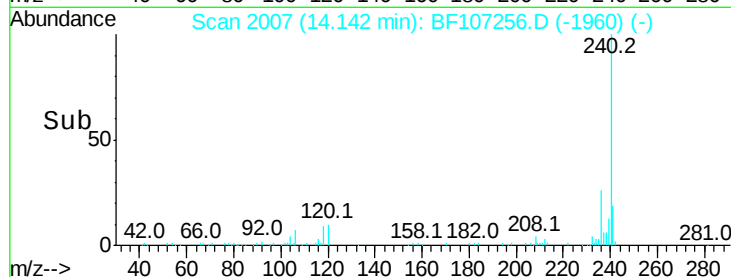
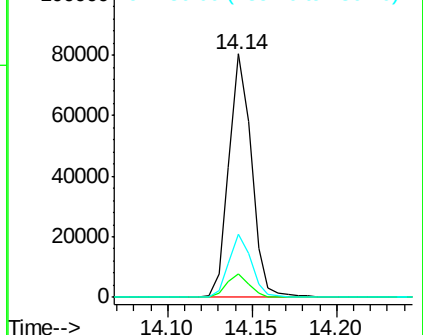
236 26.0 20.7 31.1



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: 125.632 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

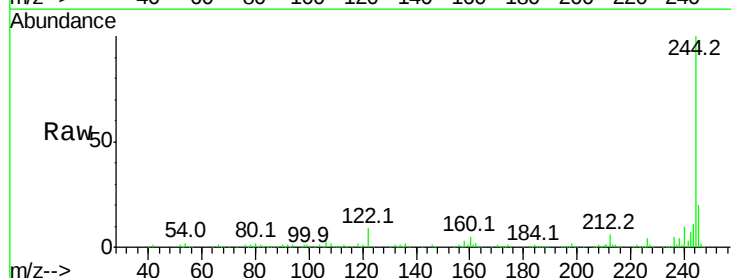
Tgt Ion:244 Resp: 389480

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

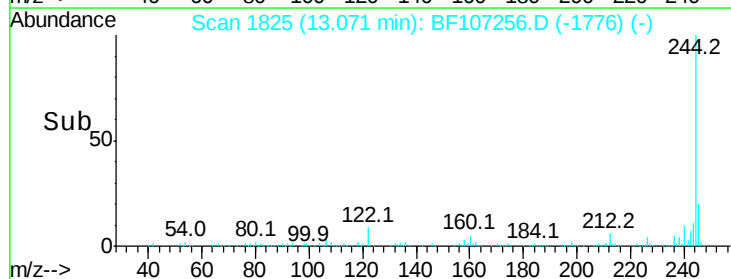
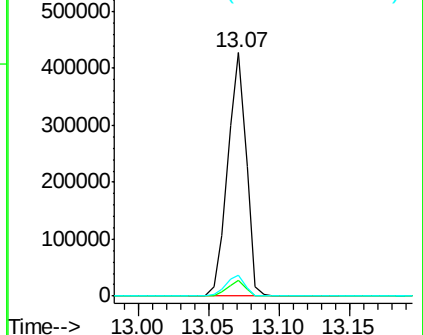
122 8.7 11.0 16.4#



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

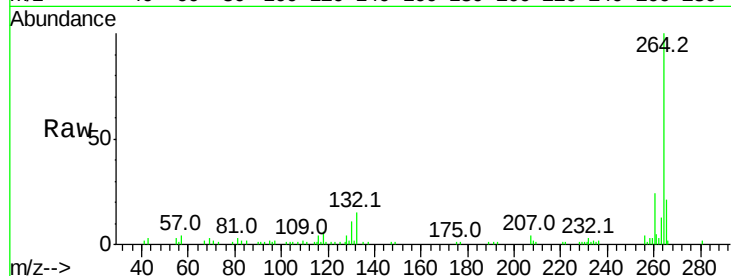




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

Instrument :
 BNA_F
 ClientSampleId :
 070318-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

