

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107255.D
 Acq On : 10 Jul 2018 3:48
 Operator : JU/SJ
 Sample : J3876-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Jul 10 05:56:38 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

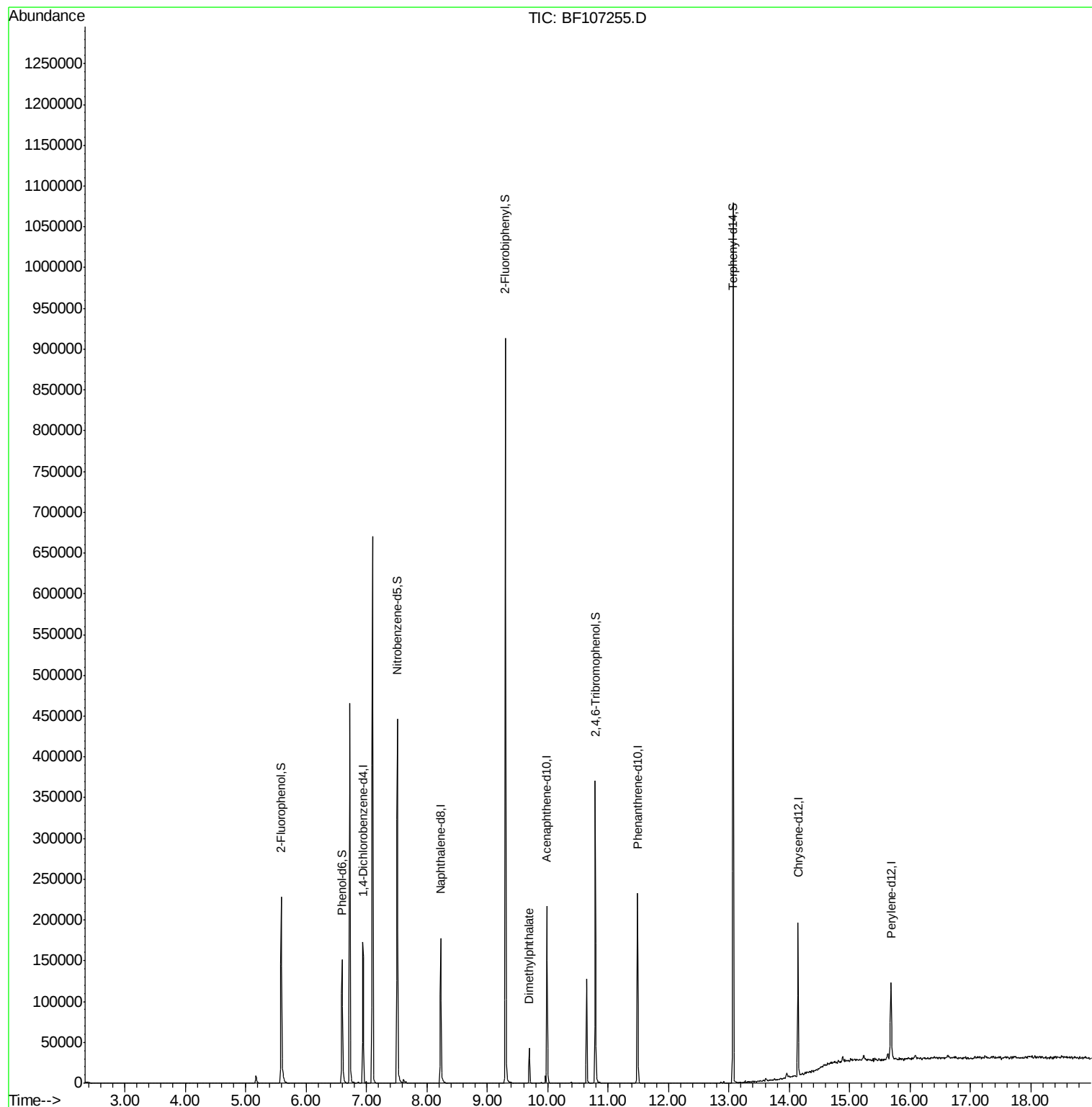
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	27356	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	92988	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	45612	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	101370	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	69988	20.00	ng	-0.02
86) Perylene-d12	15.68	264	54795	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	77411	47.92	ng	-0.01
7) Phenol-d6	6.60	99	54807	27.17	ng	-0.02
23) Nitrobenzene-d5	7.51	82	153921	91.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55104	104.23	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	297376	115.68	ng	-0.02
78) Terphenyl-d14	13.07	244	389750	134.89	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	20594	6.020	ng	Qvalue # 99

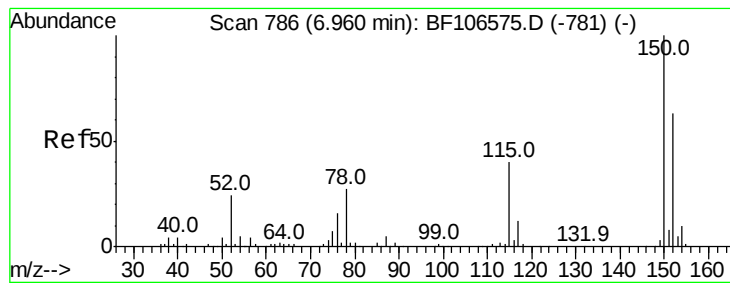
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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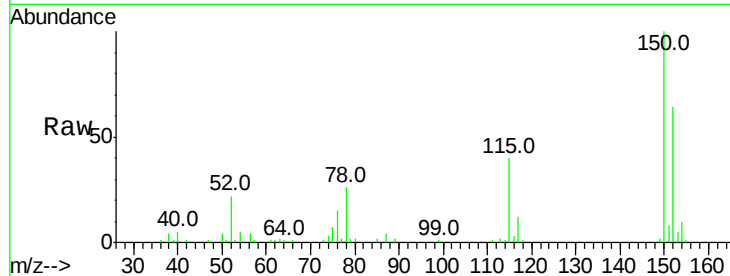


#1

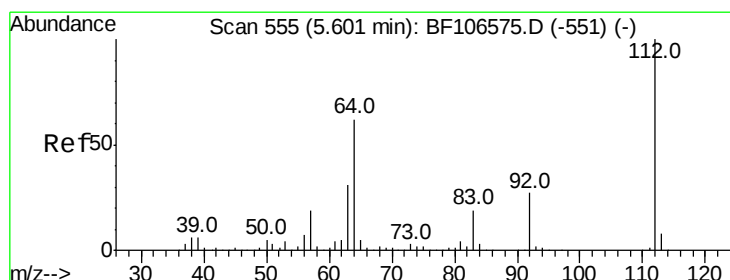
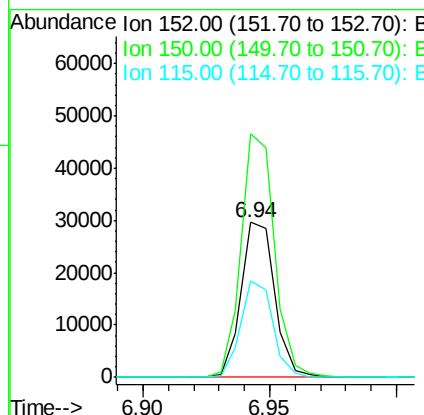
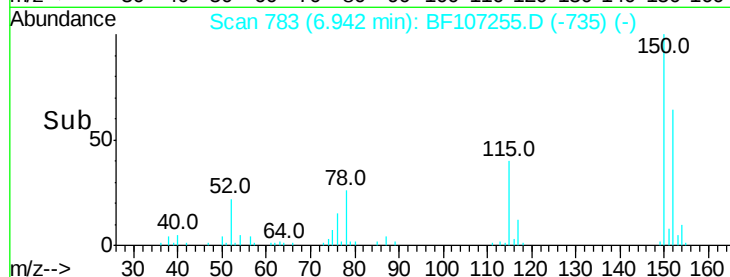
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107255.D
 Acq: 10 Jul 2018 3:48

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

Tot Ion:152 Resp: 27356
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 62.5 50.1 75.1



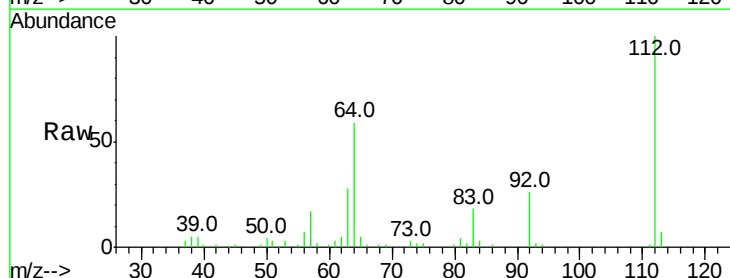
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



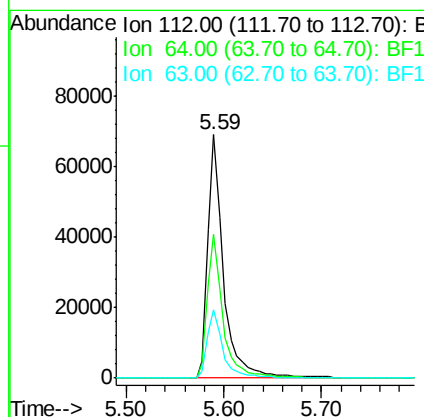
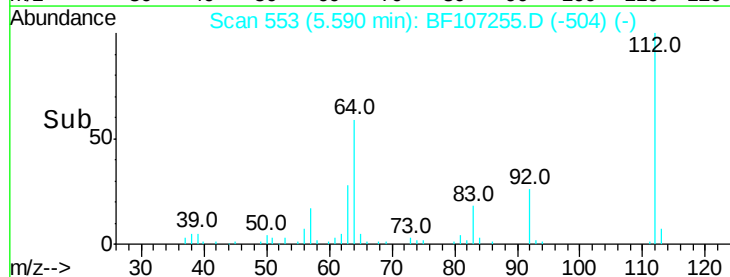
#5

2-Fluorophenol
 Concen: 47.917 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107255.D
 Acq: 10 Jul 2018 3:48

Tgt Ion:112 Resp: 77411
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 28.2 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: 27.166 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107255.D

Acq: 10 Jul 2018 3:48

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-D-M

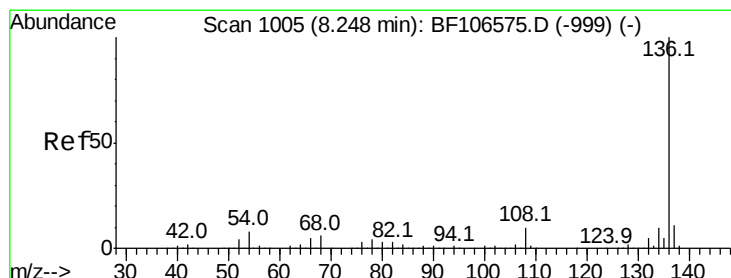
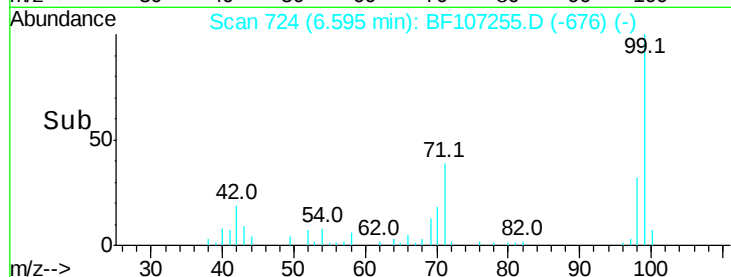
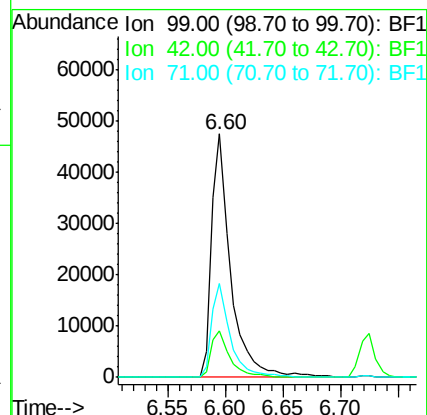
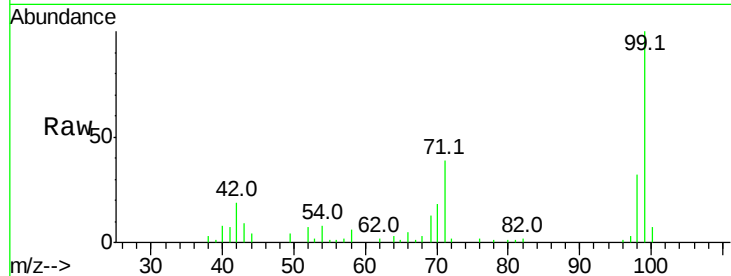
Tot Ion: 99 Resp: 54807

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 38.6 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107255.D

Acq: 10 Jul 2018 3:48

Tgt Ion: 136 Resp: 92988

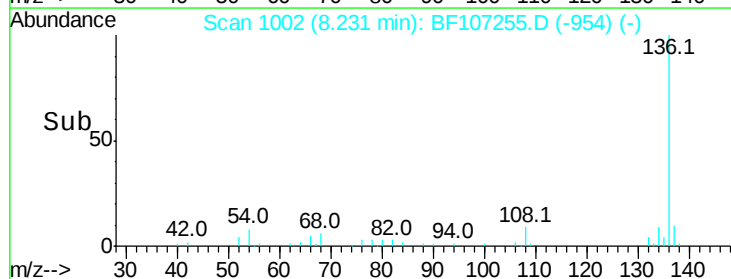
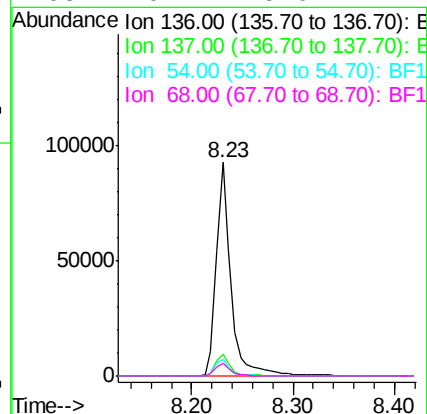
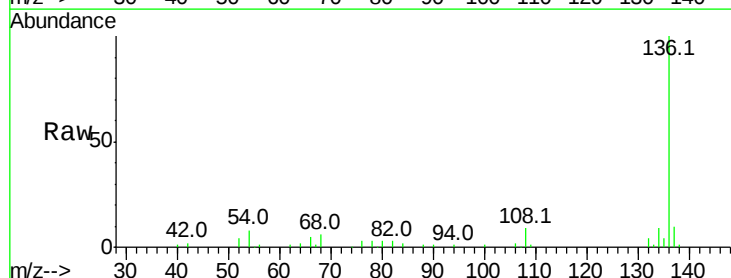
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.8 6.6 9.8

68 6.1 5.0 7.4

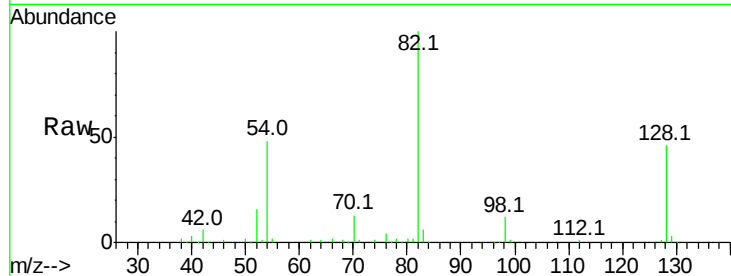




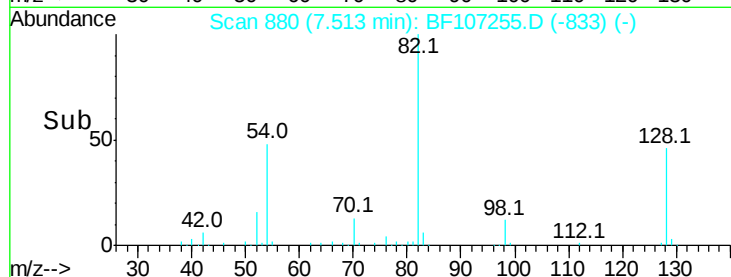
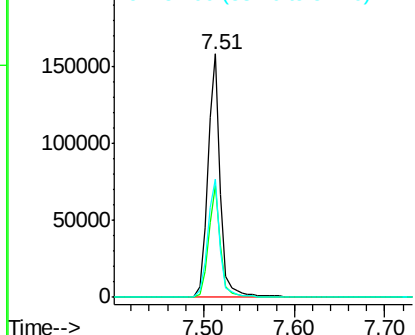
#23
 Nitrobenzene-d5
 Concen: 91.990 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107255.D
 Acq: 10 Jul 2018 3:48

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

Tot Ion: 82 Resp: 153921
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 48.4 41.4 62.2

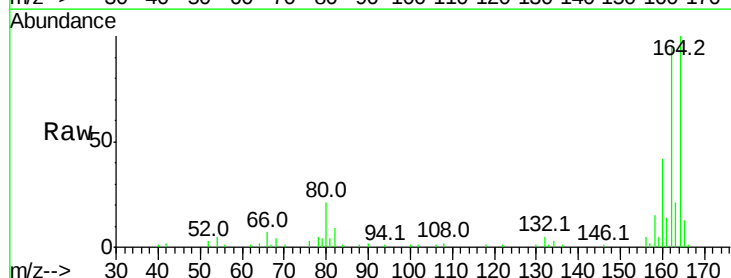


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

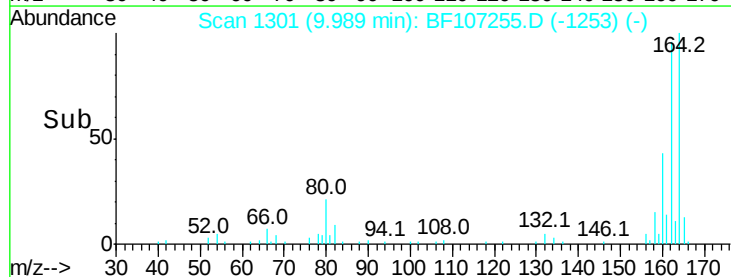
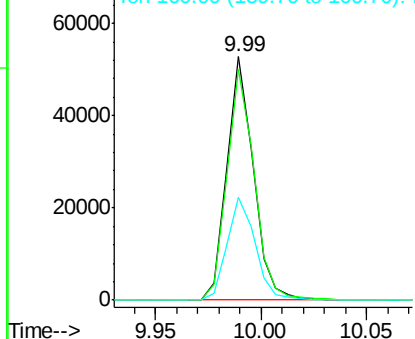


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107255.D
 Acq: 10 Jul 2018 3:48

Tgt Ion: 164 Resp: 45612
 Ion Ratio Lower Upper
 164 100
 162 95.0 86.1 129.1
 160 42.2 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: 104.234 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107255.D

Acq: 10 Jul 2018 3:48

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-D-M

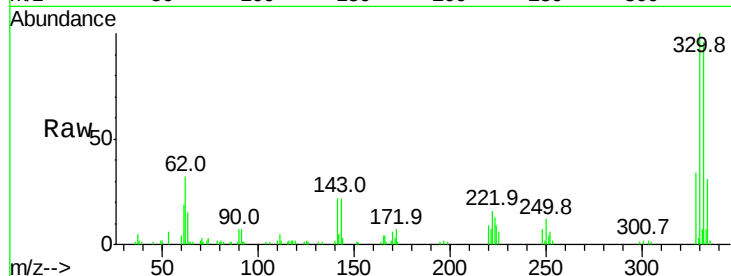
Tot Ion:330 Resp: 55104

Ion Ratio Lower Upper

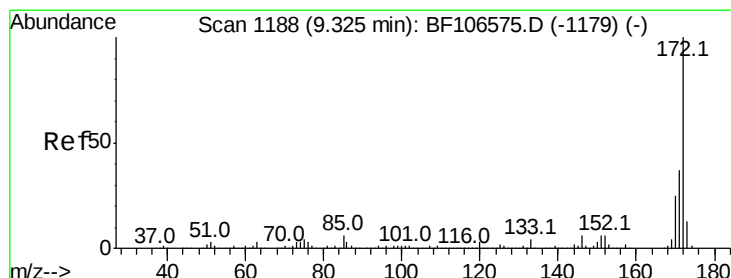
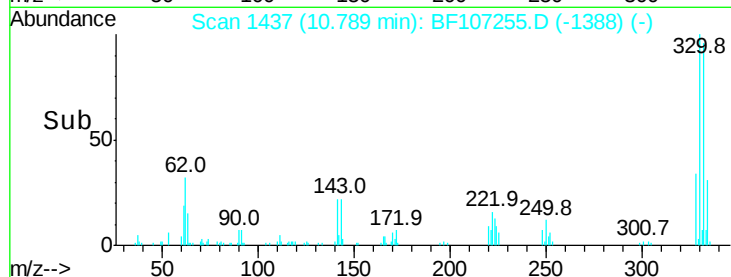
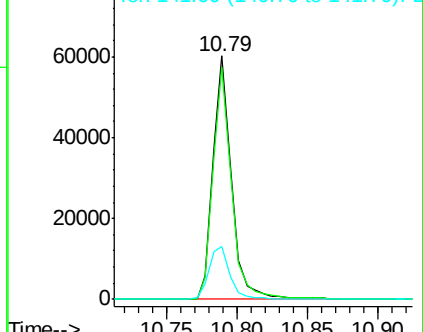
330 100

332 95.6 77.0 115.6

141 24.1 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: 115.678 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF107255.D

Acq: 10 Jul 2018 3:48

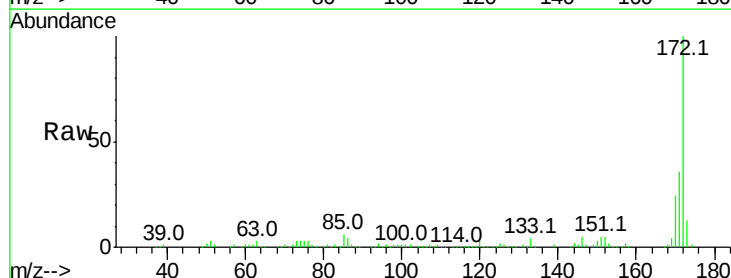
Tgt Ion:172 Resp: 297376

Ion Ratio Lower Upper

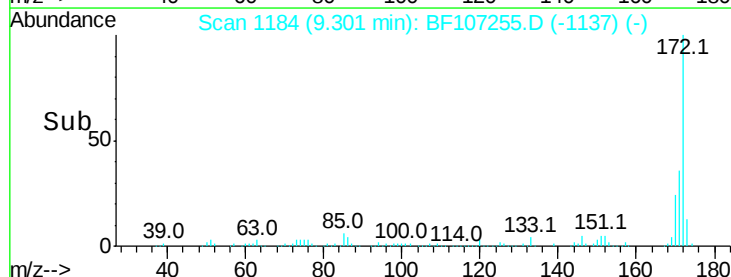
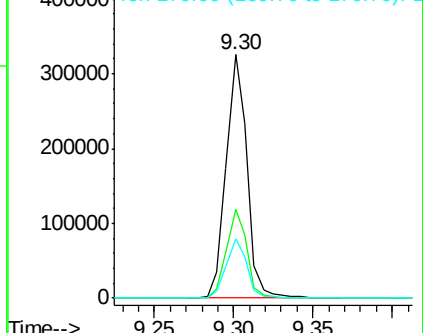
172 100

171 36.3 29.7 44.5

170 24.1 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: 6.020 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107255.D

Acq: 10 Jul 2018 3:48

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-D-M

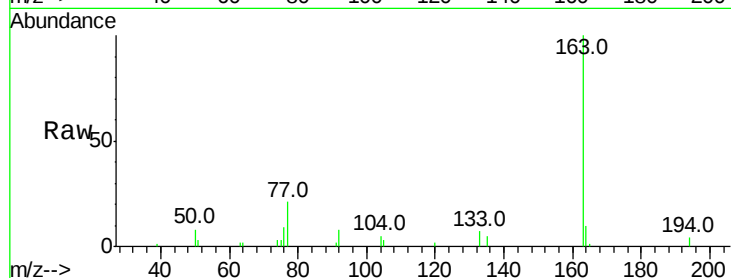
Tot Ion:163 Resp: 20594

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

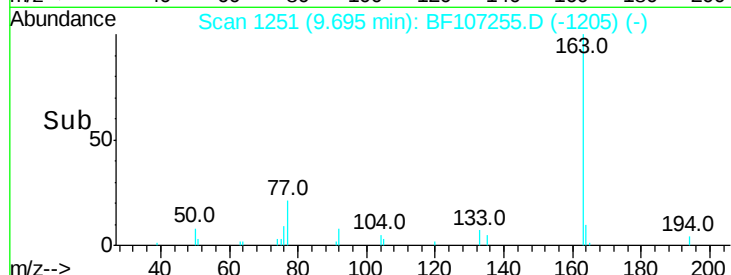
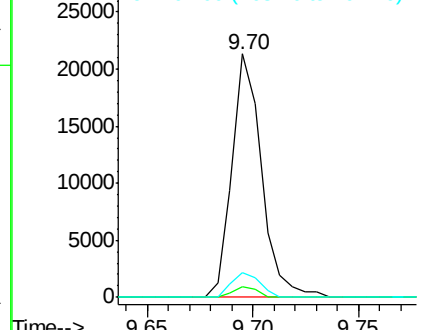
164 10.1 8.2 12.2



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: BF107255.D

Acq: 10 Jul 2018 3:48

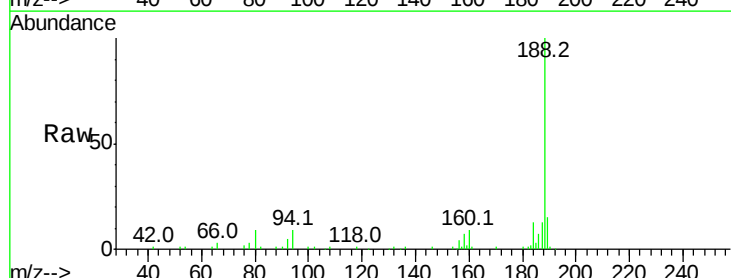
Tgt Ion:188 Resp: 101370

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

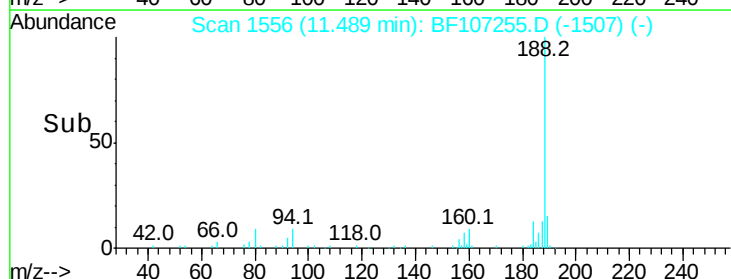
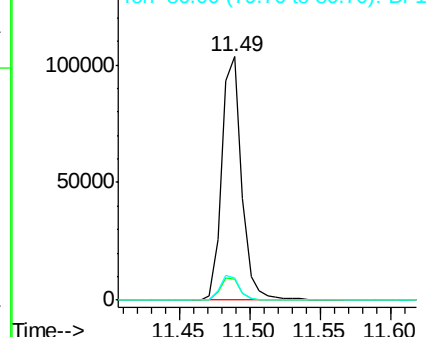
80 9.0 9.2 13.8#

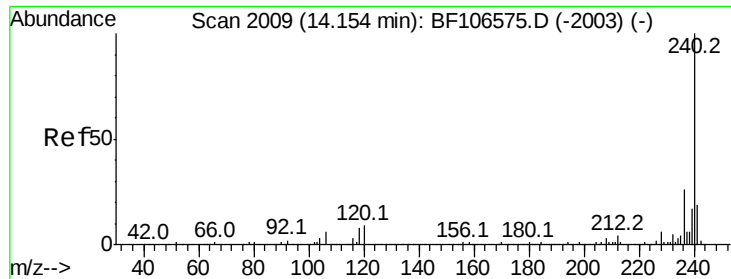


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

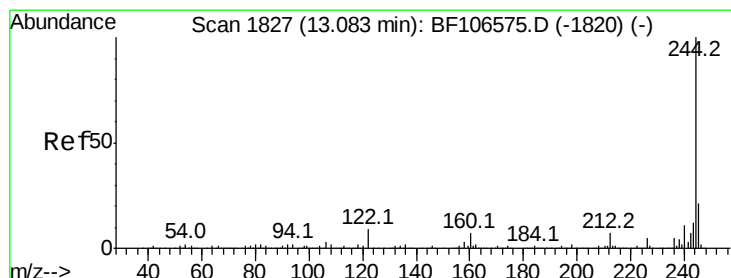
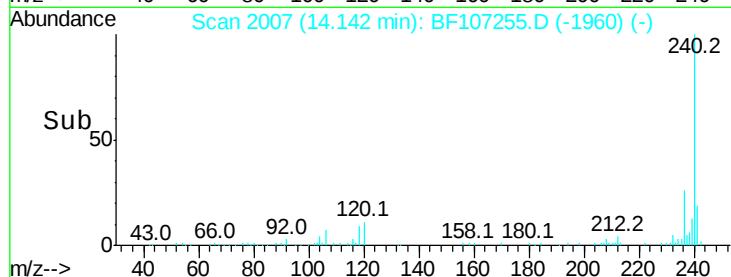
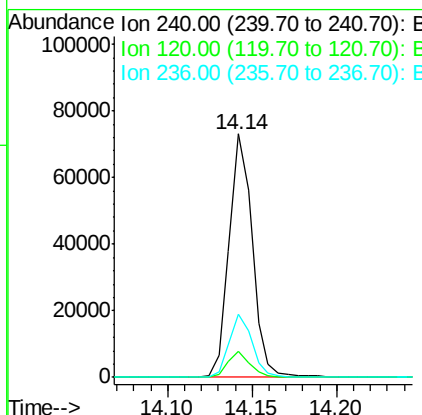
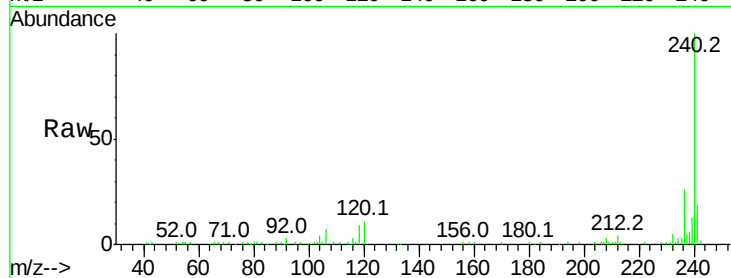




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107255.D
 Acq: 10 Jul 2018 3:48

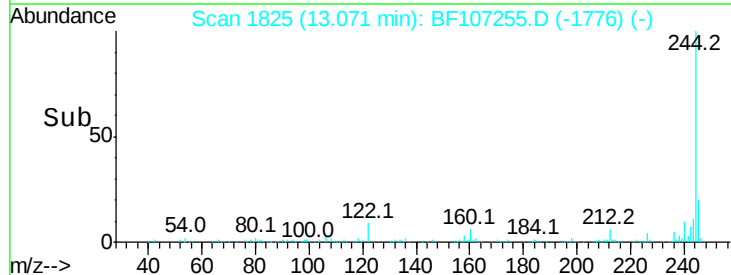
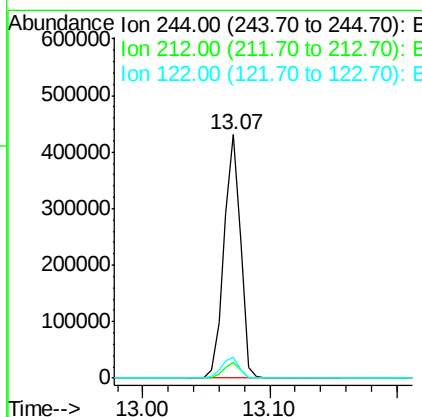
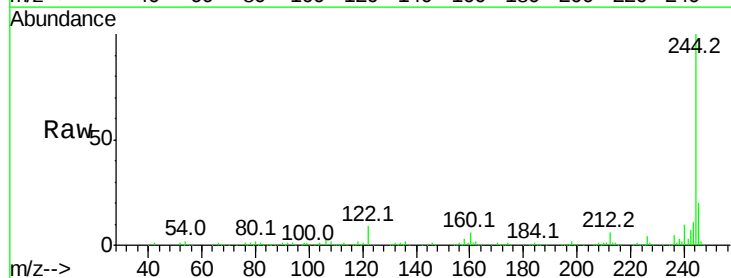
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 070318-TIPC-E-D-M

Tot Ion:240 Resp: 69988
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 134.893 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107255.D
 Acq: 10 Jul 2018 3:48

Tgt Ion:244 Resp: 389750
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.7 11.0 16.4#

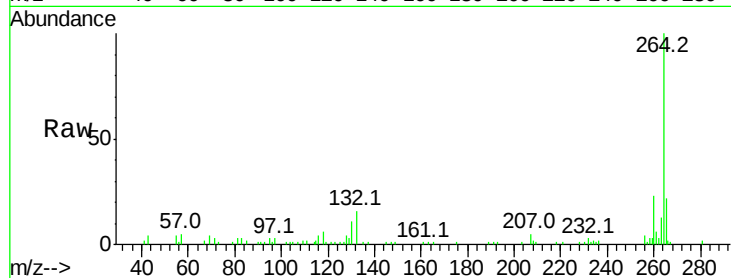




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107255.D
 Acq: 10 Jul 2018 3:48

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	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

