

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107200.D
 Acq On : 7 Jul 2018 12:30
 Operator : JU/SJ
 Sample : J3791-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72

Quant Time: Jul 09 03:22:05 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

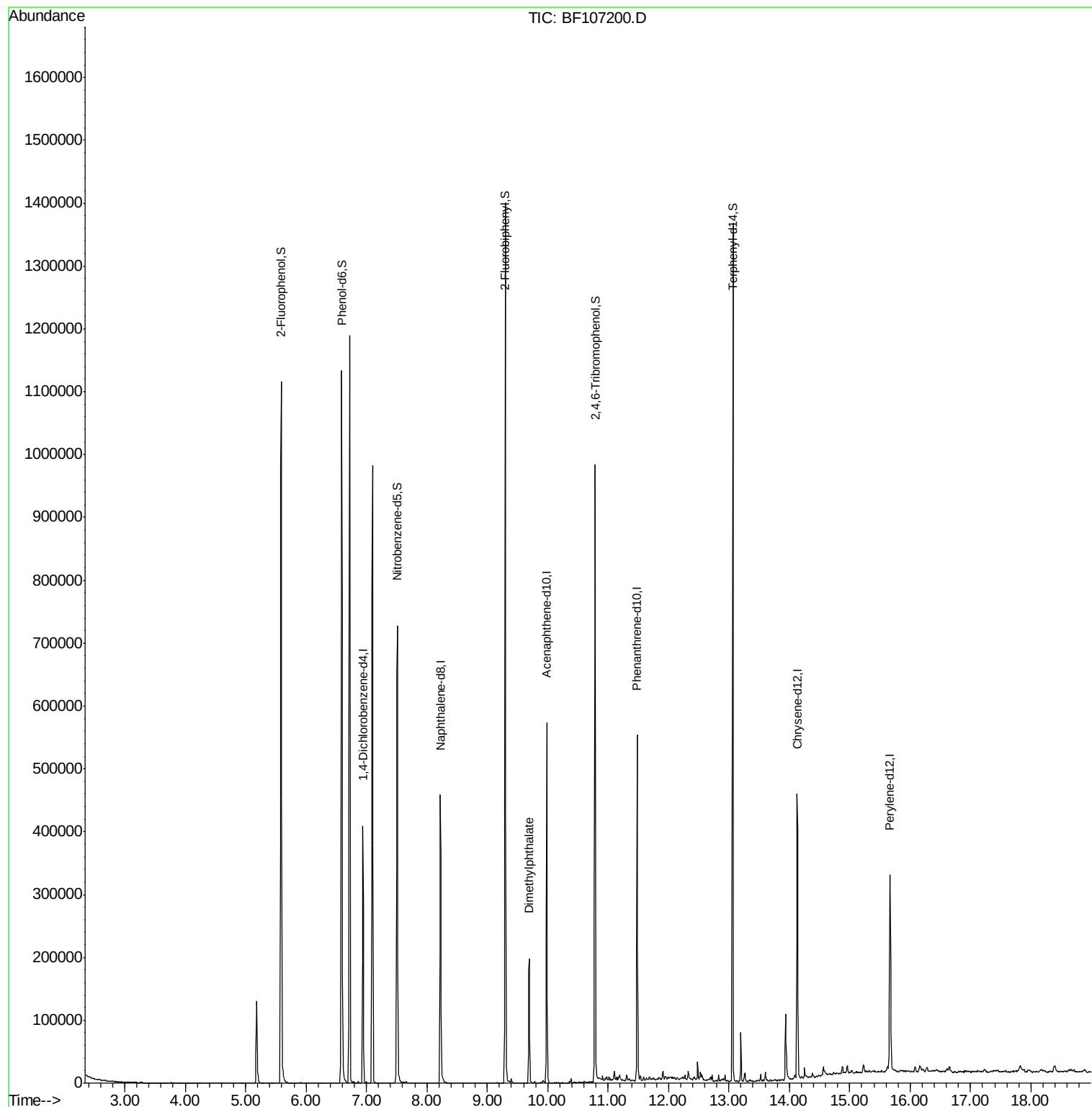
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59333	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	235177	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	121530	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	241484	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	174733	20.00	ng	-0.04
86) Perylene-d12	15.67	264	172167	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	344902	98.43	ng	-0.01
7) Phenol-d6	6.59	99	436385	99.73	ng	-0.02
23) Nitrobenzene-d5	7.51	82	273669	64.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	149086	105.84	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	476695	62.49	ng	-0.02
78) Terphenyl-d14	13.07	244	537014	74.45	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	93965	10.309	ng	Qvalue # 98

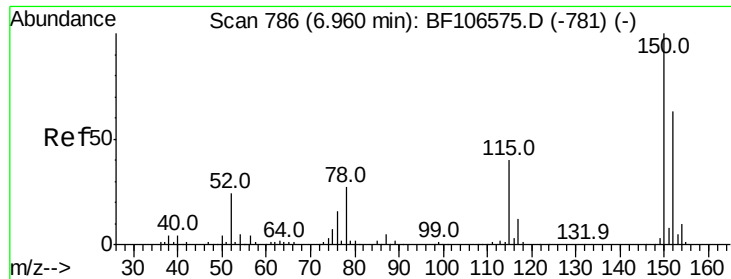
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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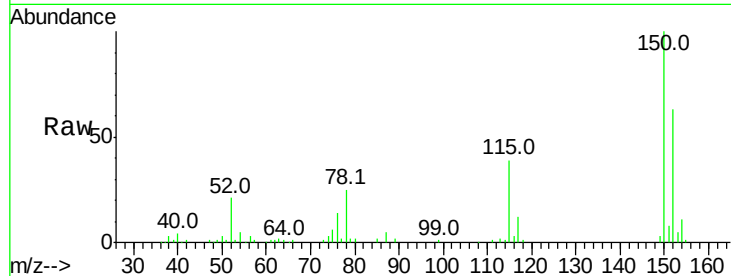


#1

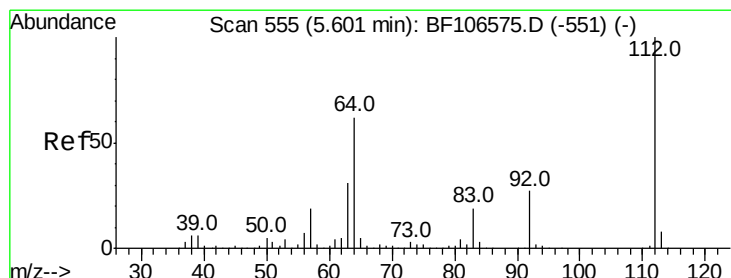
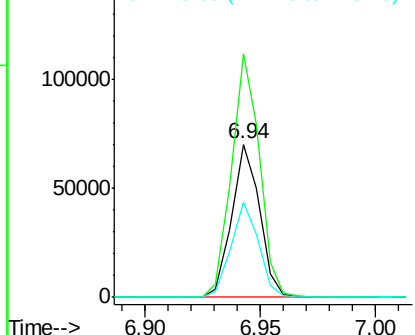
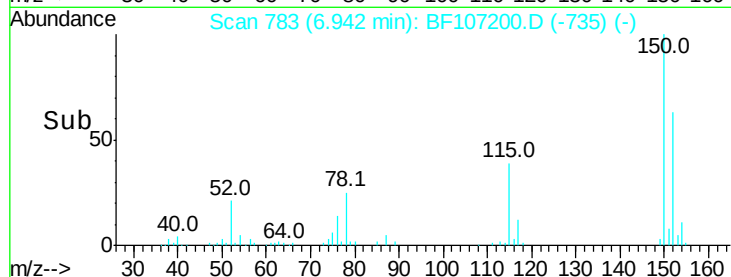
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tot Ion:152 Resp: 59333
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 62.4 50.1 75.1



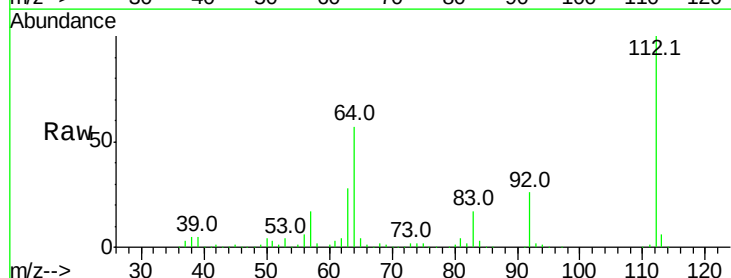
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



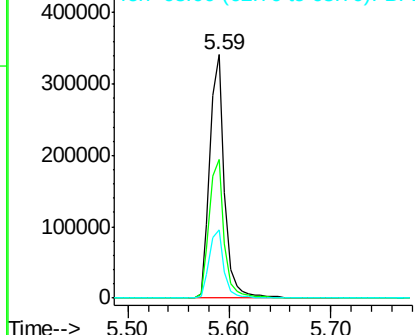
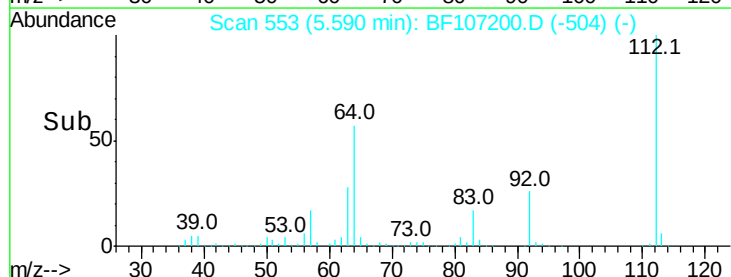
#5

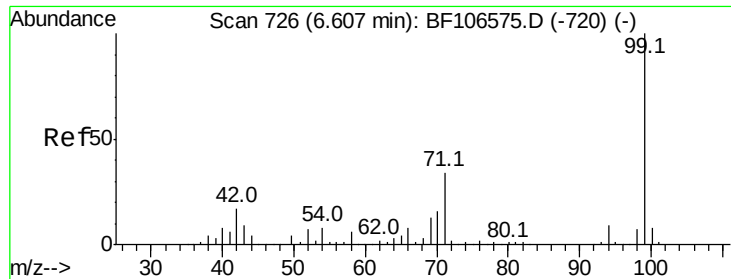
2-Fluorophenol
Concen: 98.432 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Tgt Ion:112 Resp: 344902
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 28.0 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: 99.728 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107200.D

Acq: 7 Jul 2018 12:30

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72

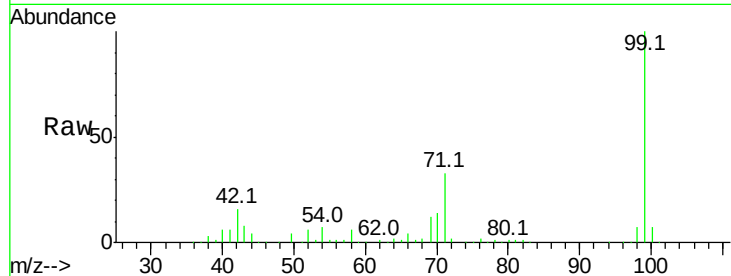
Tot Ion: 99 Resp: 436385

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

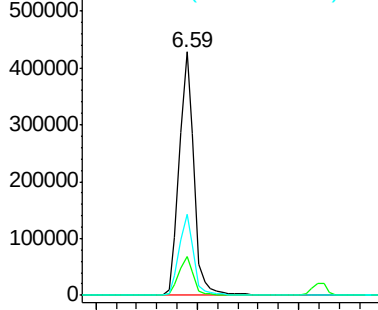
71 33.1 25.4 38.0



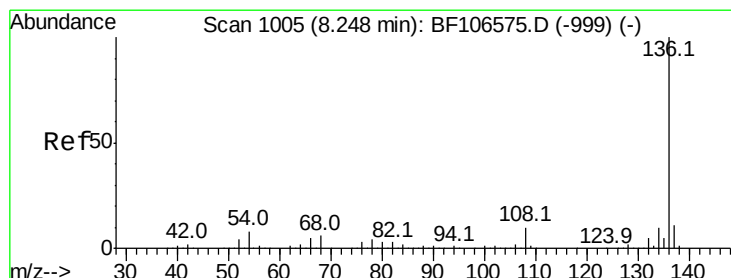
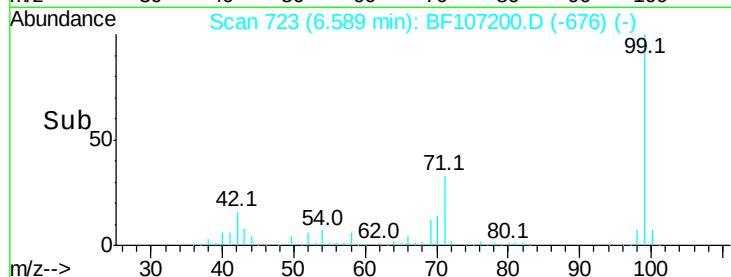
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107200.D

Acq: 7 Jul 2018 12:30

Tgt Ion: 136 Resp: 235177

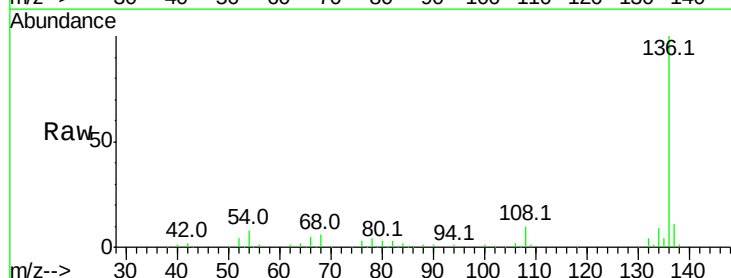
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4

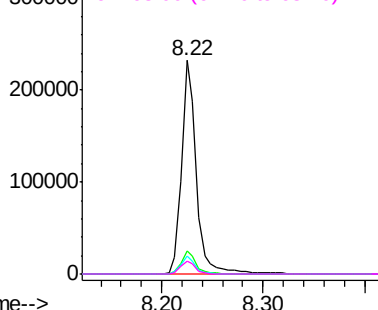


Abundance Ion 136.00 (135.70 to 136.70): E

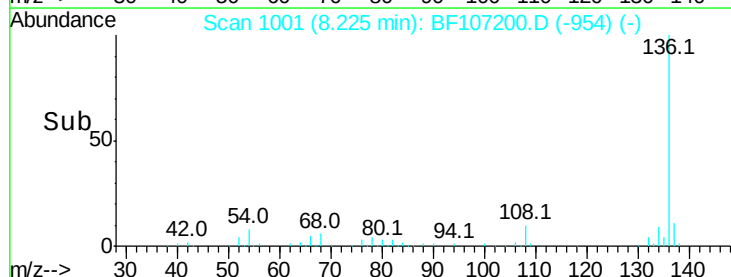
Ion 137.00 (136.70 to 137.70): E

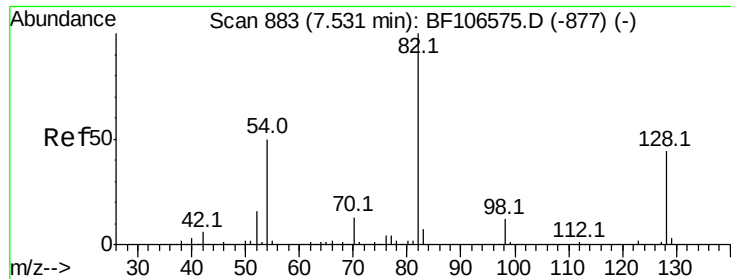
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

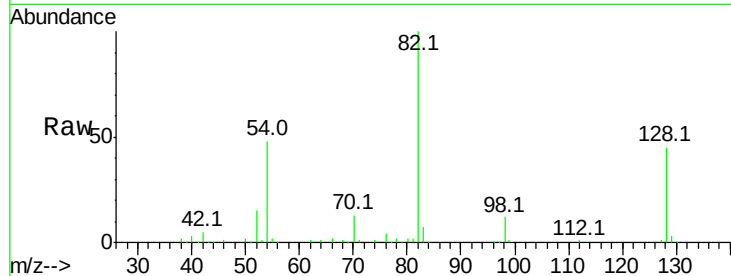




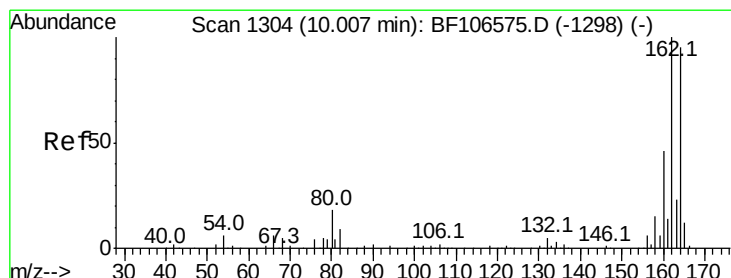
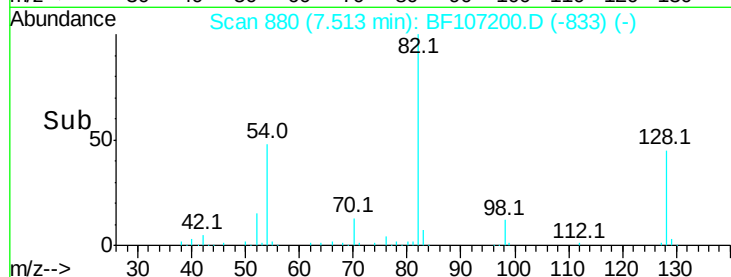
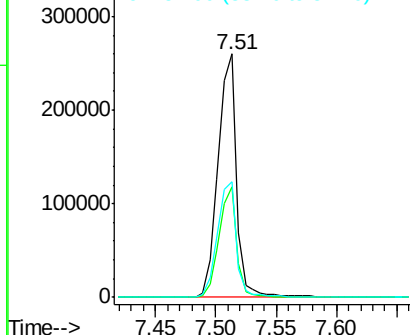
#23
 Nitrobenzene-d5
 Concen: 64.669 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107200.D
 Acq: 7 Jul 2018 12:30

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72

Tot Ion: 82 Resp: 273669
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 47.6 41.4 62.2

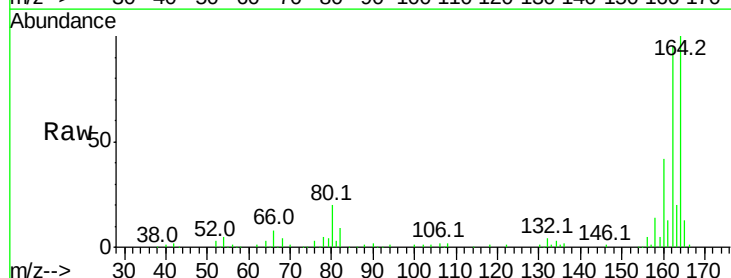


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

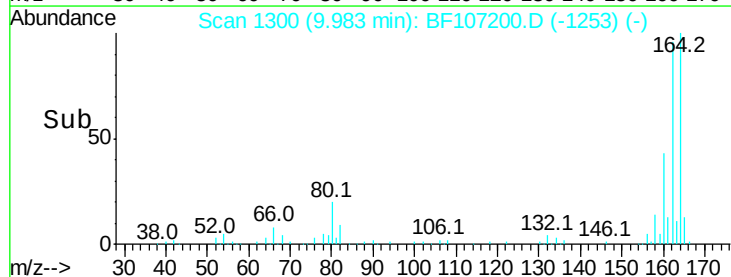
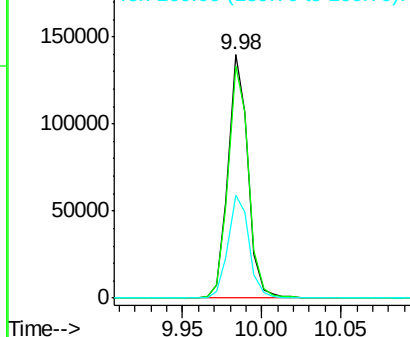


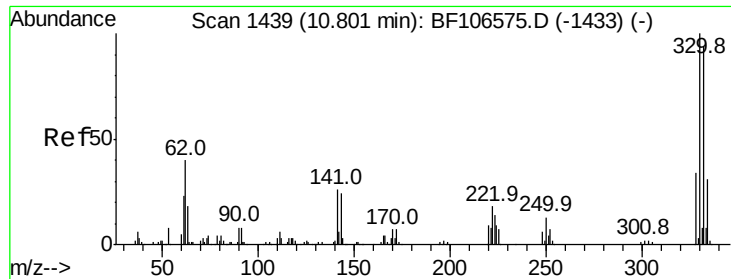
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107200.D
 Acq: 7 Jul 2018 12:30

Tgt Ion: 164 Resp: 121530
 Ion Ratio Lower Upper
 164 100
 162 95.2 86.1 129.1
 160 42.3 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

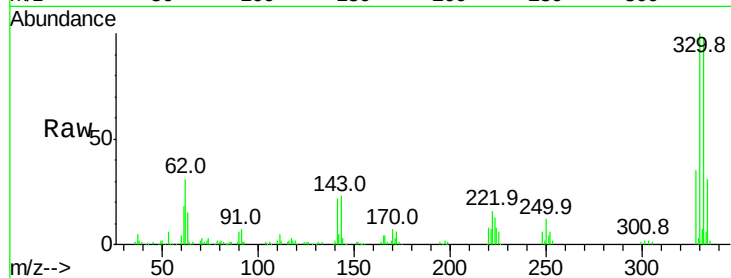




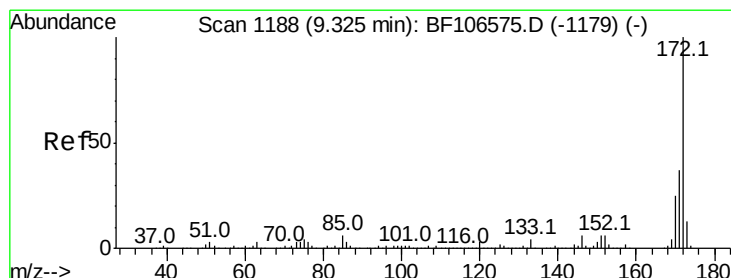
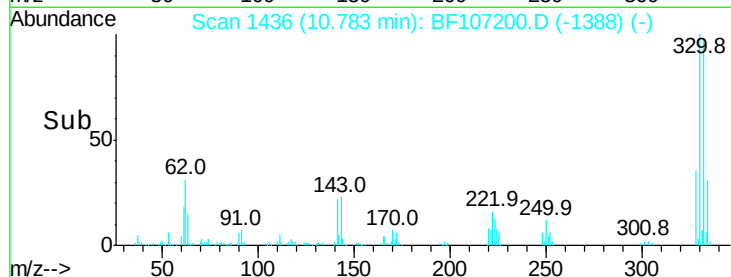
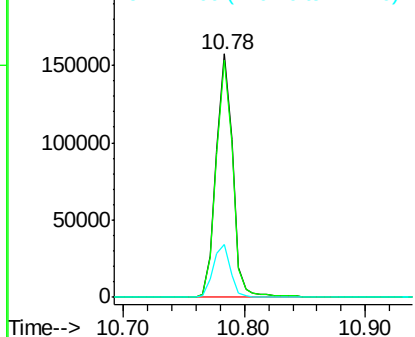
#41
 2,4,6-Tribromophenol
 Concen: 105.842 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107200.D
 Acq: 7 Jul 2018 12:30

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-03-11-72

Tot Ion:330 Resp: 149086
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 22.7 29.9 44.9#

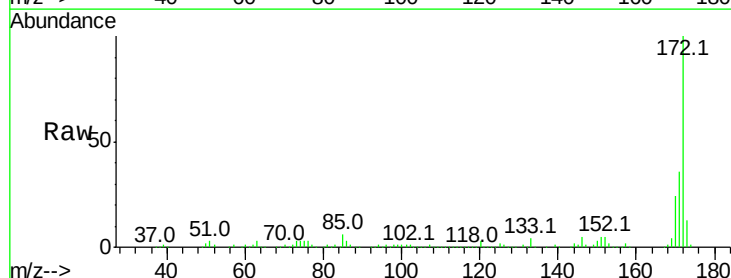


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

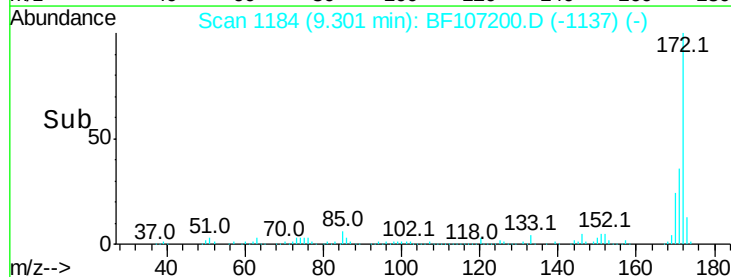
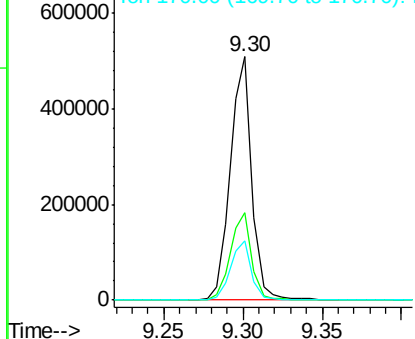


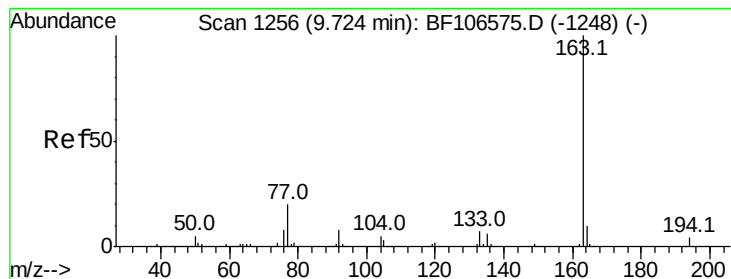
#44
 2-Fluorobiphenyl
 Concen: 62.485 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107200.D
 Acq: 7 Jul 2018 12:30

Tgt Ion:172 Resp: 476695
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.3 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: 10.309 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107200.D

Acq: 7 Jul 2018 12:30

Instrument :

BNA_F

ClientSampleId :

ZER-SB-03-11-72

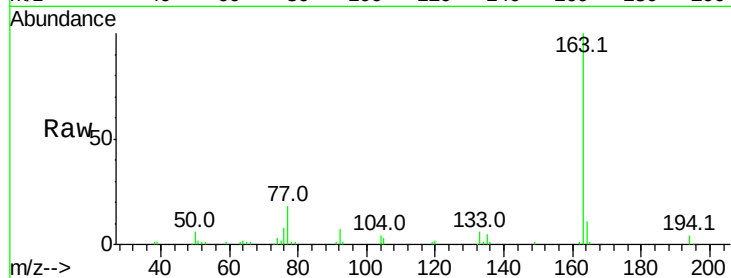
Tot Ion:163 Resp: 93965

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

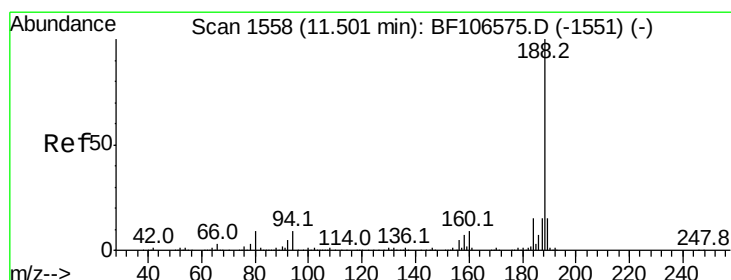
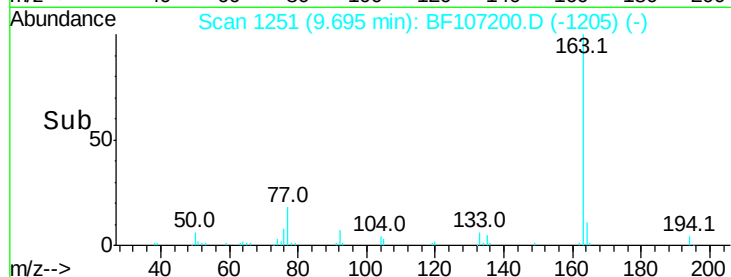
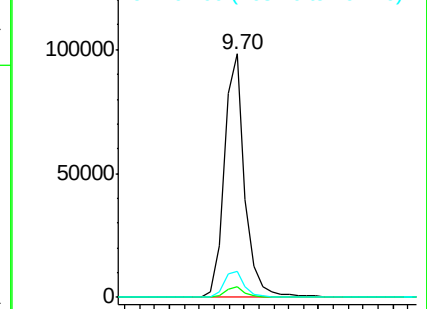
164 10.6 8.2 12.2



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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107200.D

Acq: 7 Jul 2018 12:30

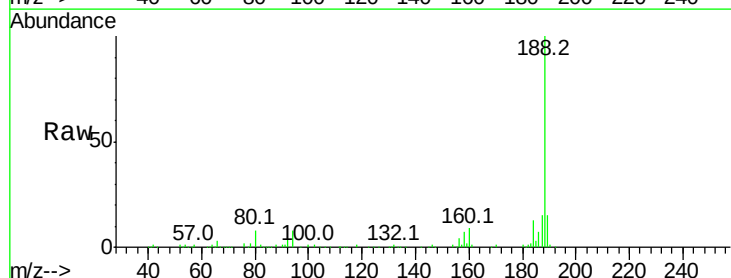
Tgt Ion:188 Resp: 241484

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

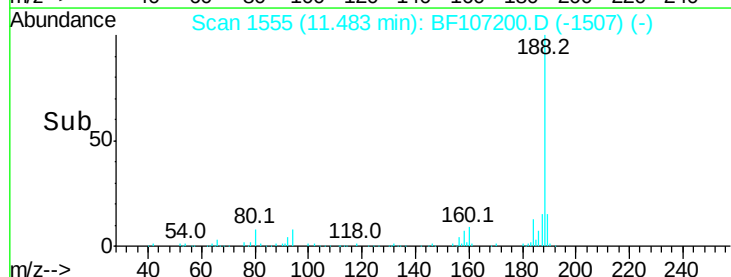
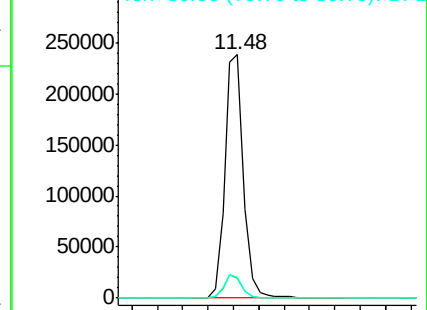
80 8.4 9.2 13.8#

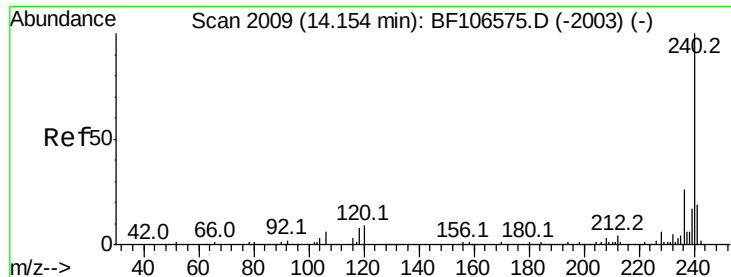


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

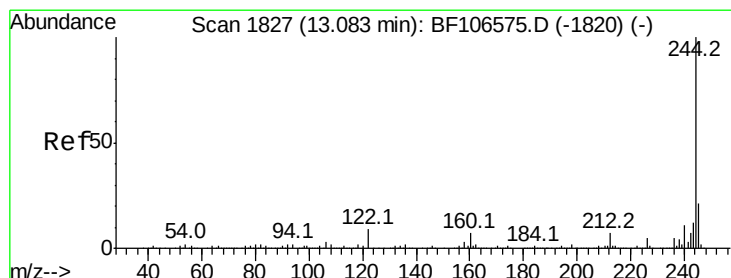
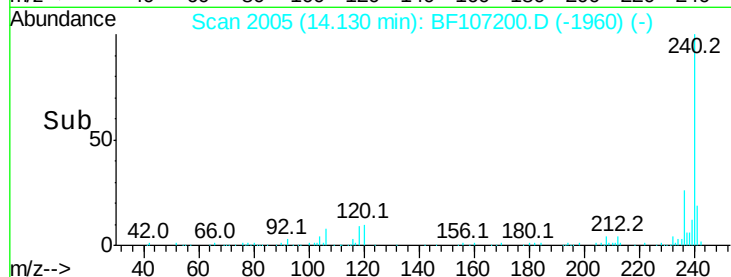
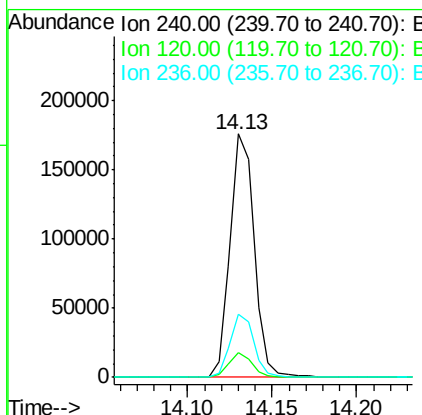
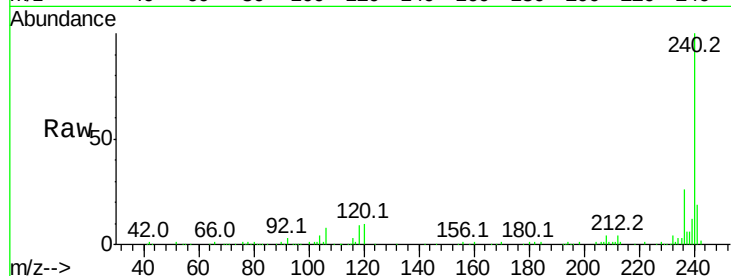




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.04 min
 Lab File: BF107200.D
 Acq: 7 Jul 2018 12:30

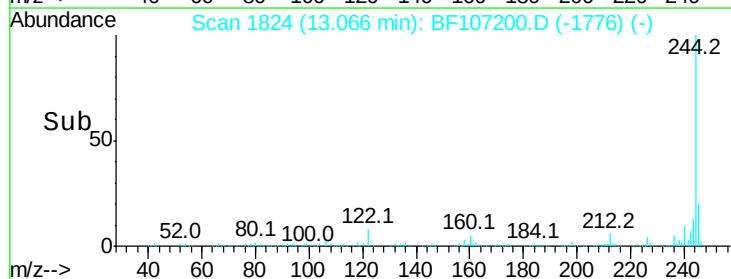
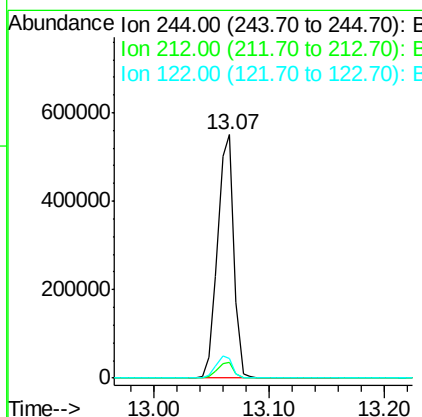
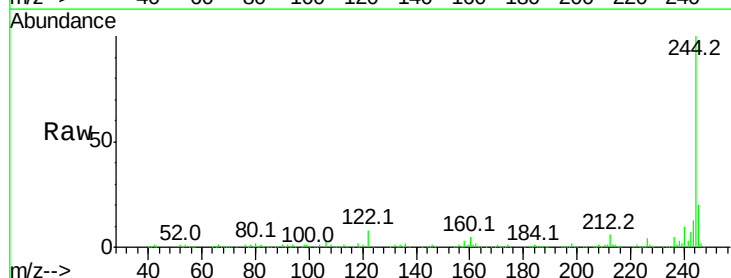
Instrument :
 BNA_F
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 ZER-SB-03-11-72

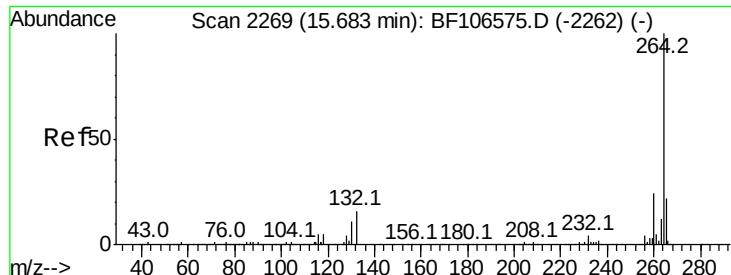
Tot Ion:240 Resp: 174733
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 74.445 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107200.D
 Acq: 7 Jul 2018 12:30

Tgt Ion:244 Resp: 537014
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.2 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tot Ion:264 Resp: 172167

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3

