

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106847.D
 Acq On : 27 Jun 2018 2:55
 Operator : JU/SJ
 Sample : PB110563BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BL

Quant Time: Jun 27 05:07:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41012	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	149560	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67620	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	129734	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	126817	20.00	ng	-0.02
86) Perylene-d12	15.68	264	84041	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	176195	72.75	ng	0.00
7) Phenol-d6	6.60	99	215239	71.16	ng	-0.01
23) Nitrobenzene-d5	7.52	82	191254	71.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	45295	57.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	384963	98.75	ng	-0.01
78) Terphenyl-d14	13.08	244	445444	85.08	ng	0.00

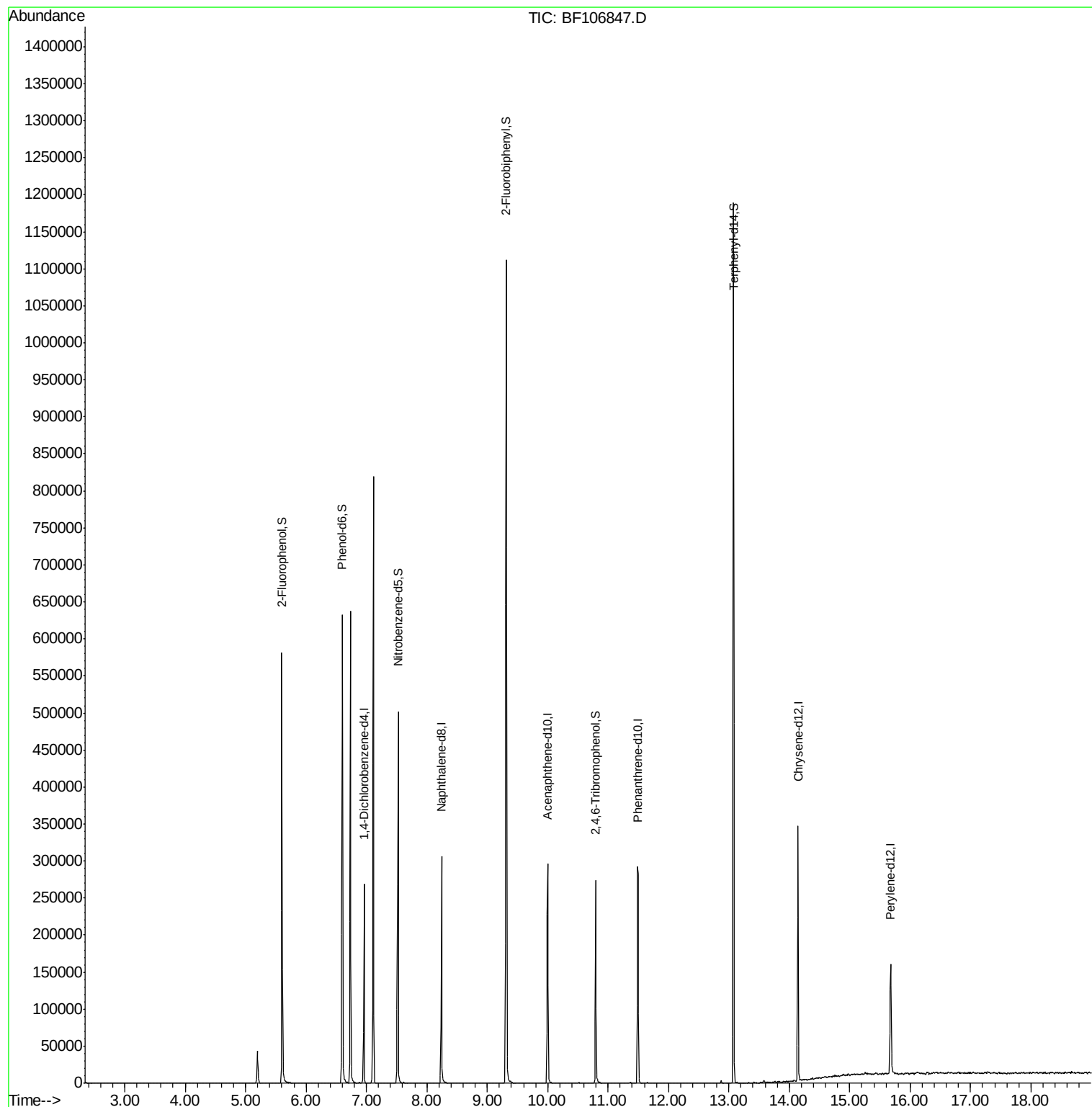
Target Compounds Qvalue

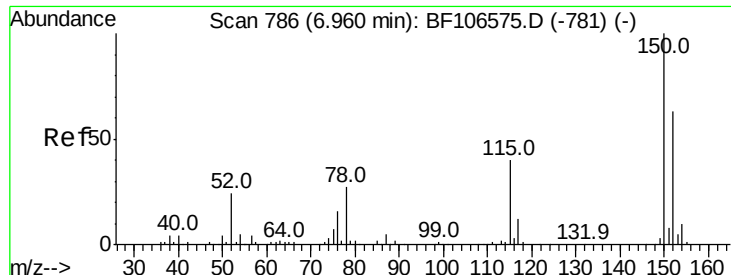
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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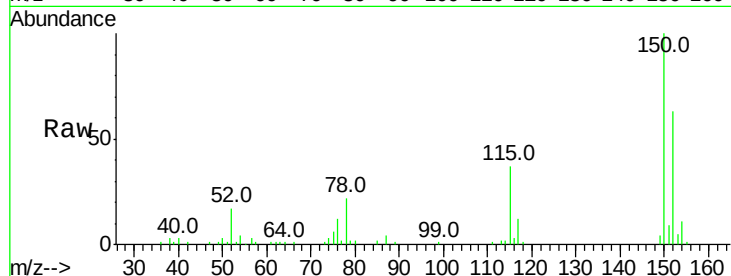


#1

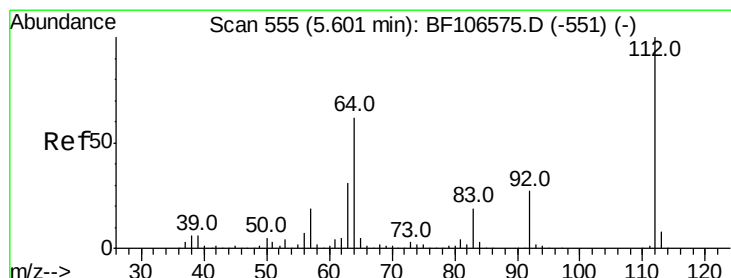
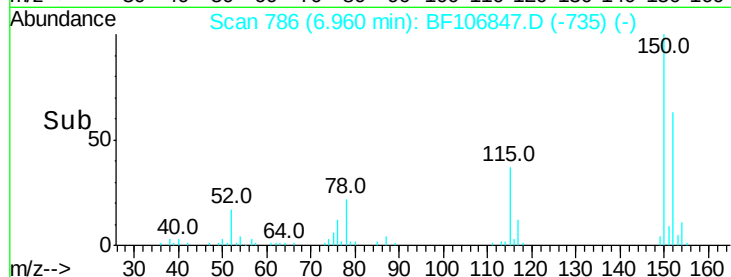
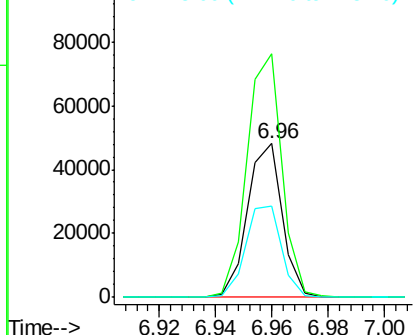
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106847.D
Acq: 27 Jun 2018 2:55

Instrument :
BNA_F
ClientSampleId :
PB110563BL

Tot Ion:152 Resp: 41012
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 59.3 50.1 75.1



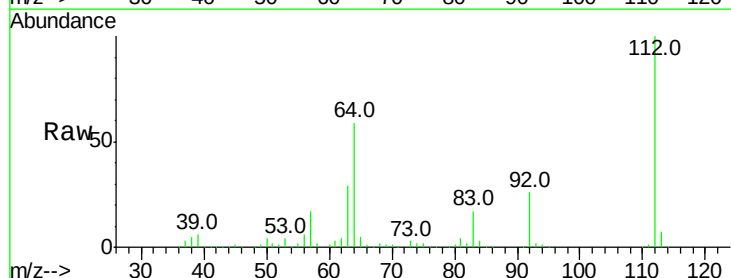
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



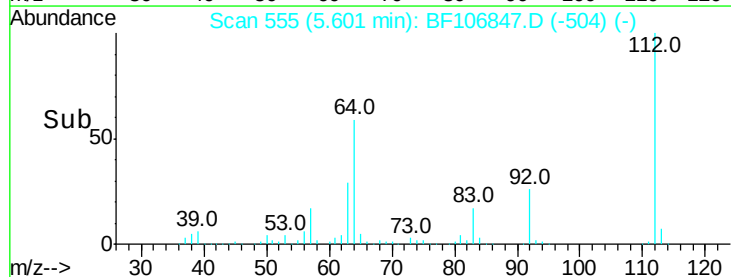
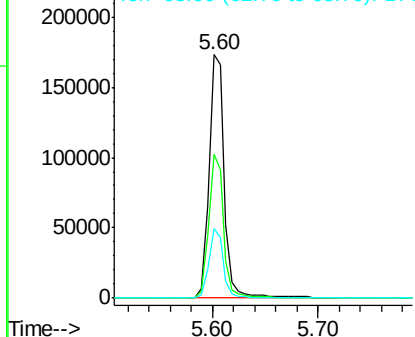
#5

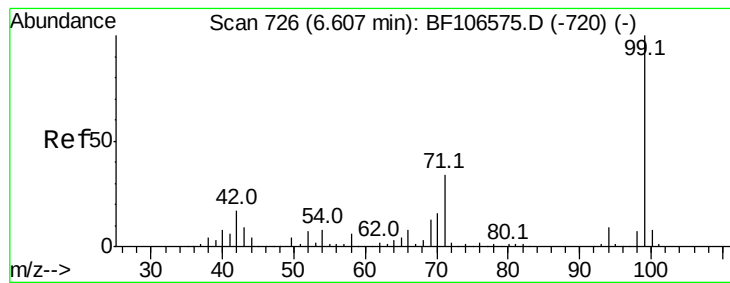
2-Fluorophenol
Concen: 72.748 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106847.D
Acq: 27 Jun 2018 2:55

Tgt Ion:112 Resp: 176195
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 28.8 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: 71.163 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

PB110563BL

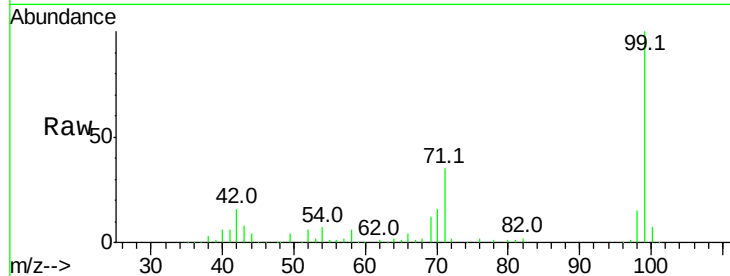
Tot Ion: 99 Resp: 215239

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

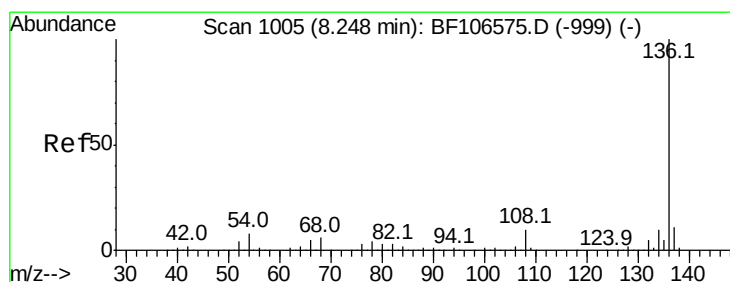
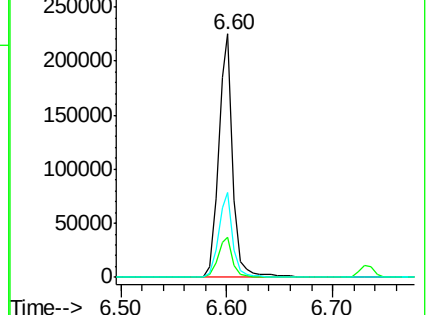
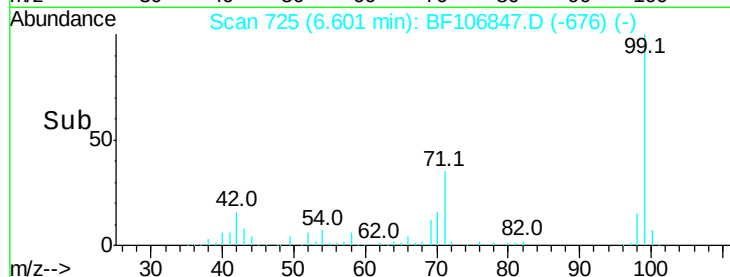
71 34.9 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

Tgt Ion: 136 Resp: 149560

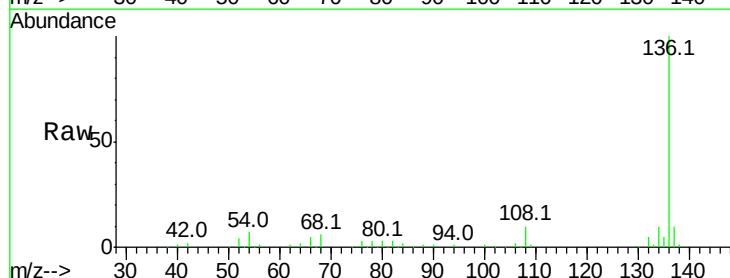
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

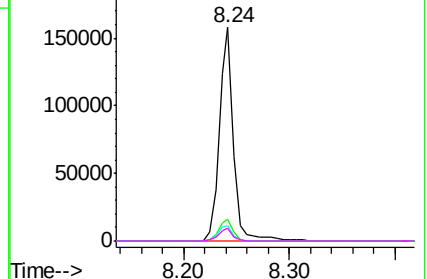
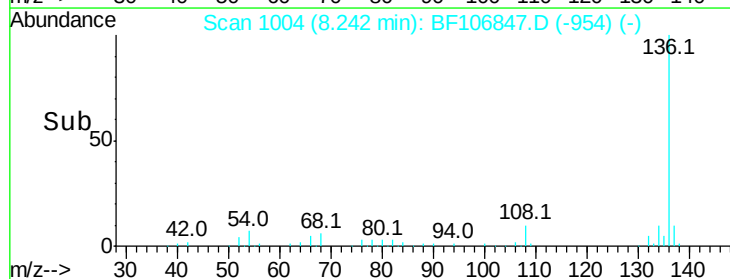


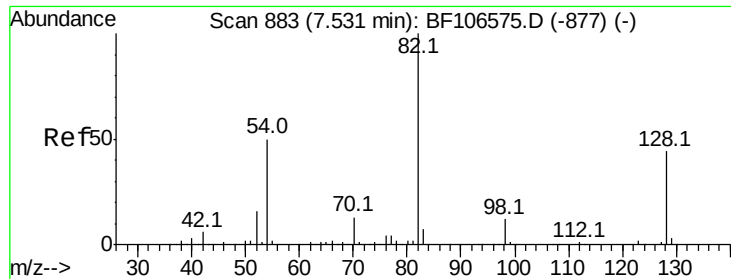
Abundance Ion 136.00 (135.70 to 136.70): E

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

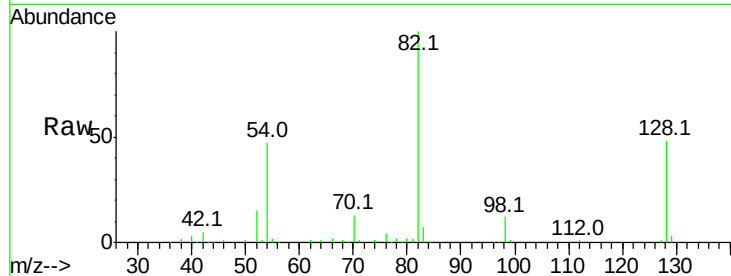




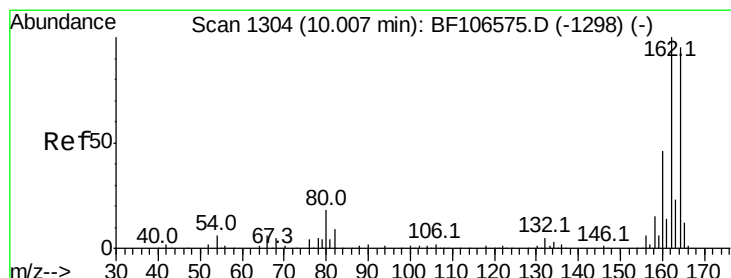
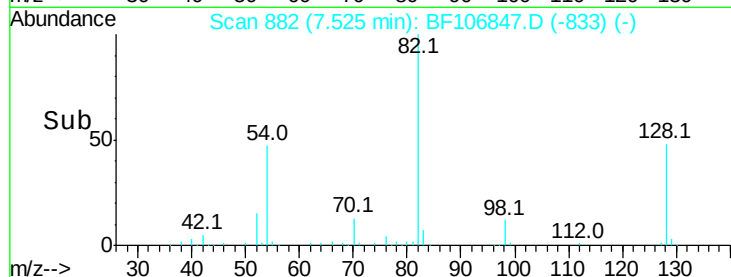
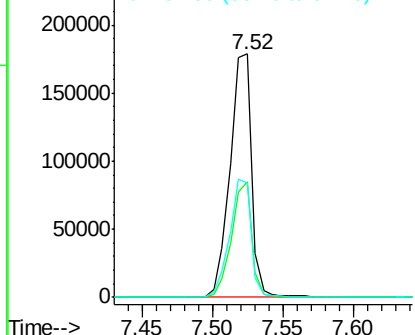
#23
 Nitrobenzene-d5
 Concen: 71.066 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	46.9	41.4	62.2

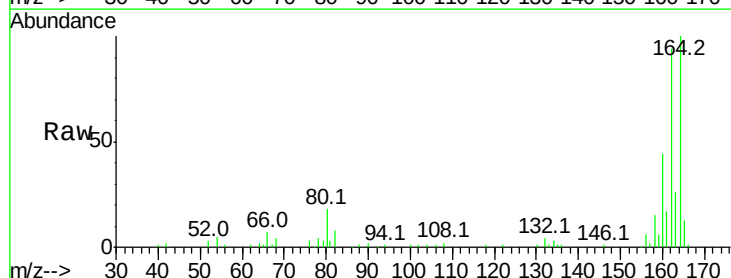


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

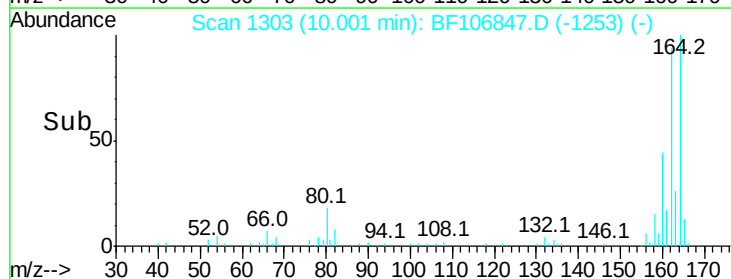
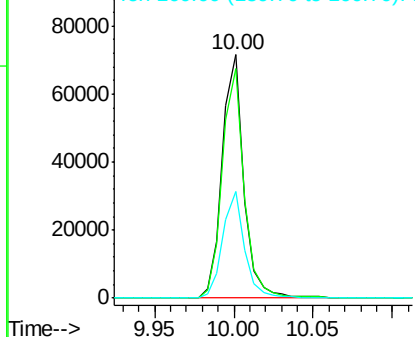


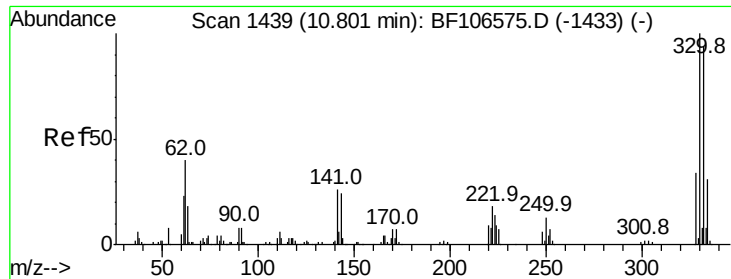
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.1	86.1	129.1
160	44.0	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: 57.794 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

PB110563BL

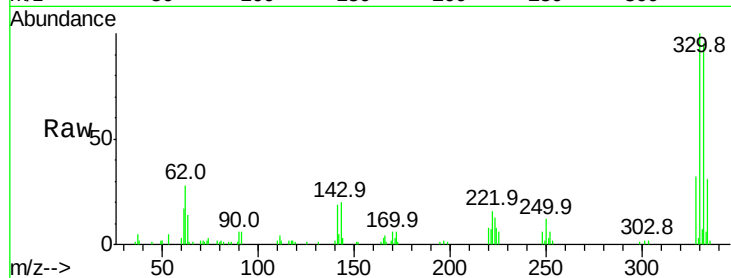
Tot Ion:330 Resp: 45295

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

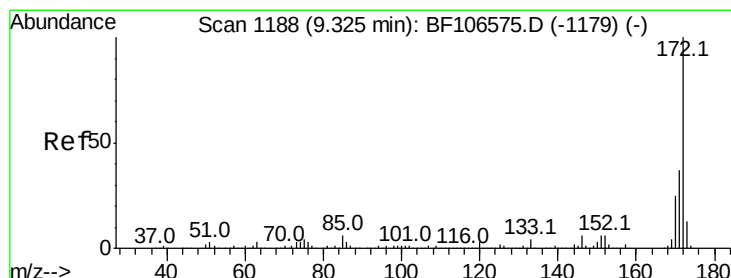
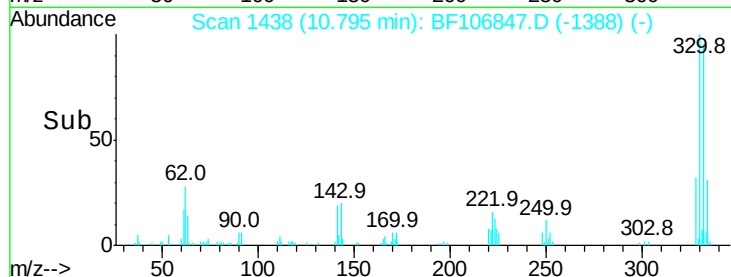
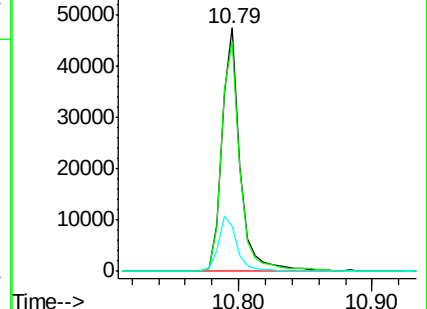
141 23.1 29.9 44.9#



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: 98.748 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

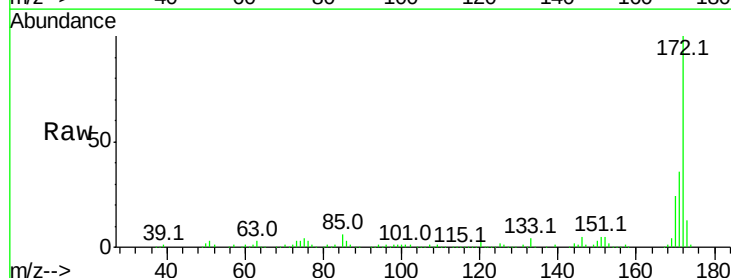
Tgt Ion:172 Resp: 384963

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

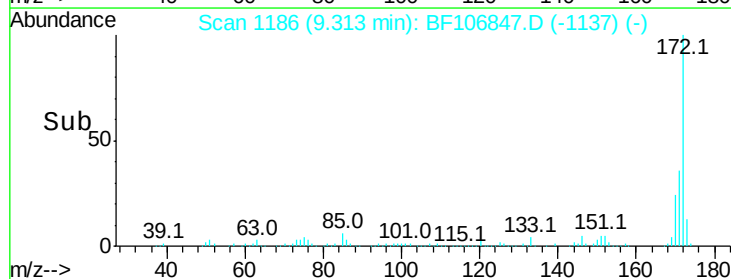
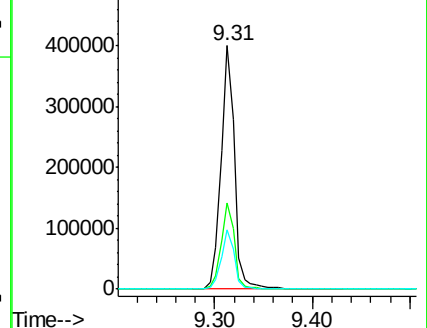
170 24.2 19.6 29.4

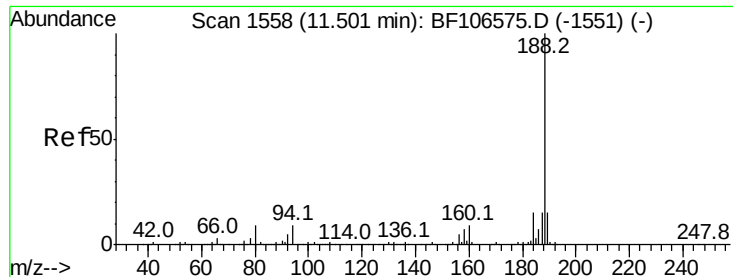


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

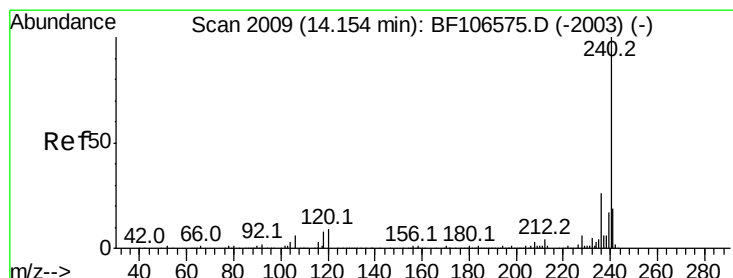
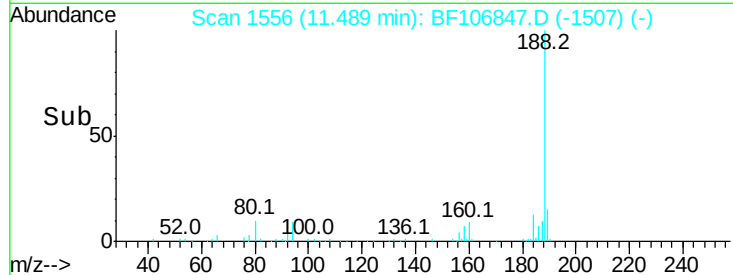
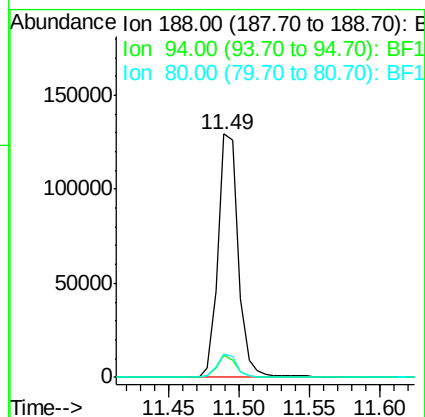
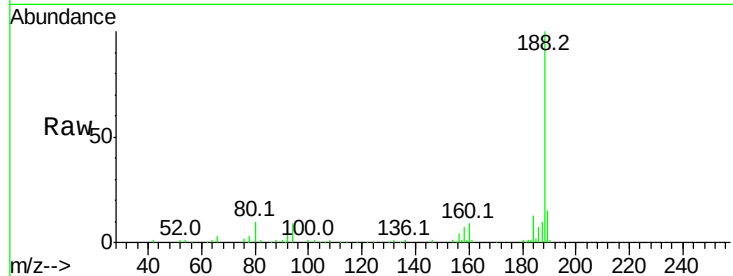




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106847.D
Acq: 27 Jun 2018 2:55

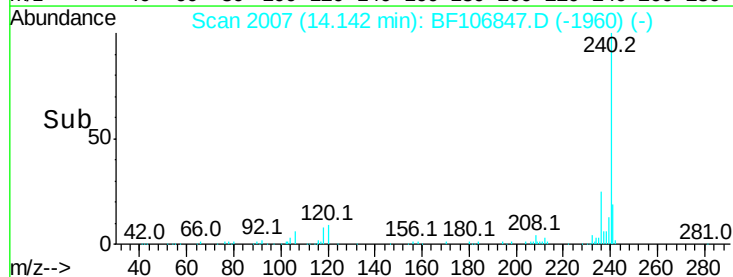
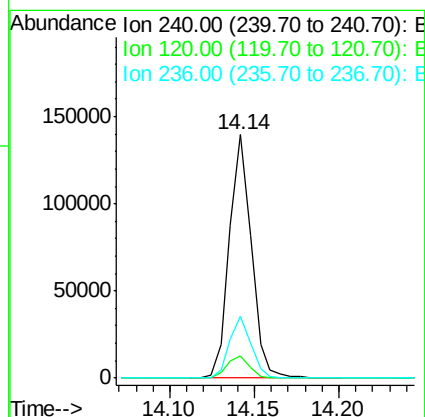
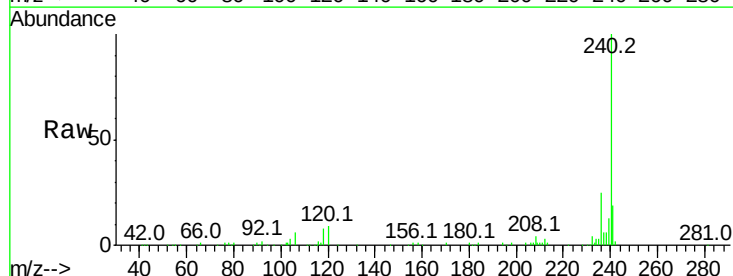
Instrument :
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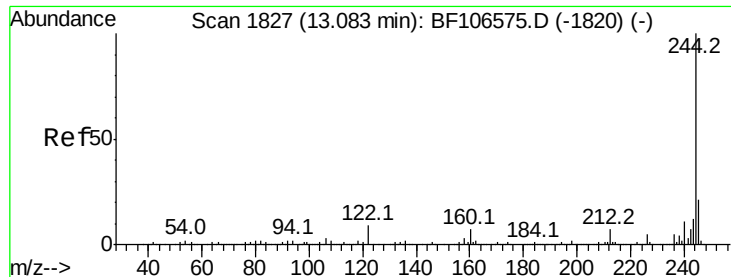
Tot Ion:188 Resp: 129734
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106847.D
Acq: 27 Jun 2018 2:55

Tgt Ion:240 Resp: 126817
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.2 20.7 31.1

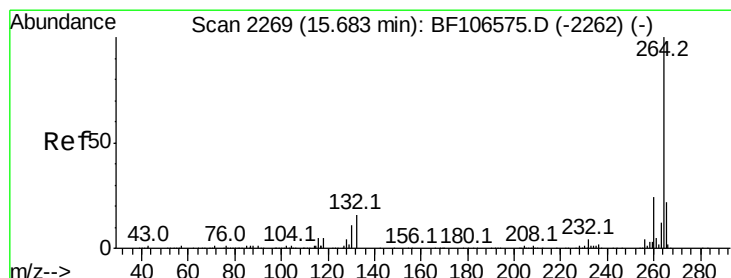
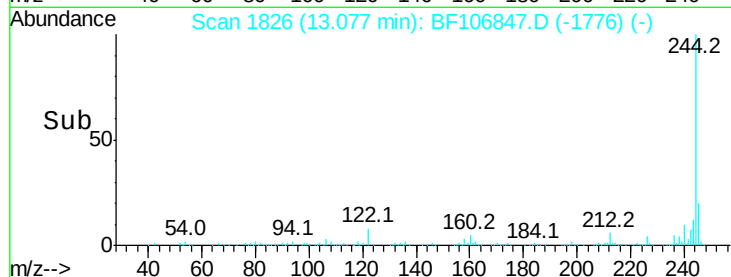
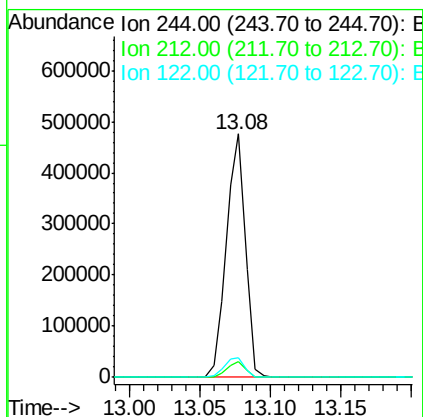
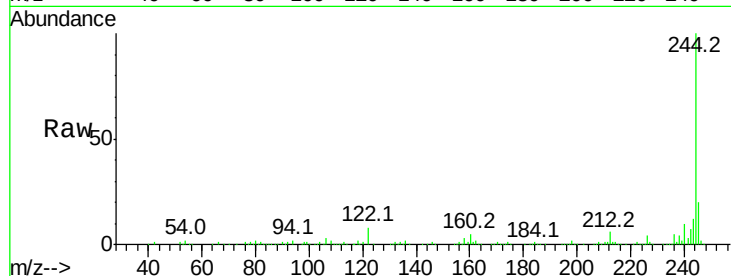




#78
 Terphenyl-d14
 Concen: 85.083 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BL

Tot Ion:244 Resp: 445444
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Tgt Ion:264 Resp: 84041
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.1 17.5 26.3

