

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106388.D
 Acq On : 13 Jun 2018 13:56
 Operator : JU/SJ
 Sample : J3228-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-028RE

Quant Time: Jun 14 02:29:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

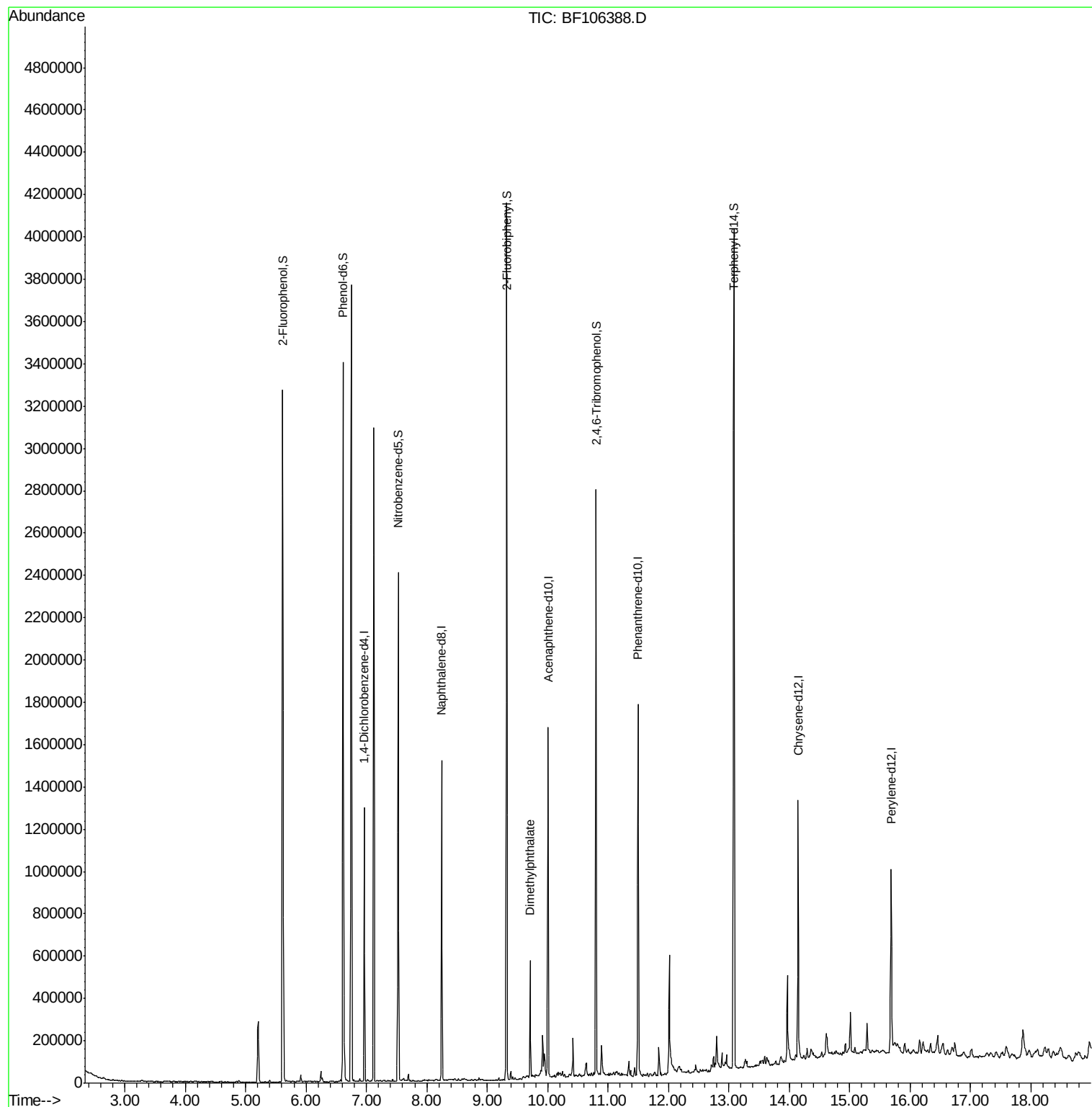
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164644	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	613674	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	298382	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	586080	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	412971	20.00	ng	-0.01
86) Perylene-d12	15.69	264	423118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1008918	103.71	ng	-0.01
7) Phenol-d6	6.61	99	1248928	101.62	ng	-0.01
23) Nitrobenzene-d5	7.53	82	830118	79.58	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	396796	138.21	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1353691	78.66	ng	0.00
78) Terphenyl-d14	13.08	244	1465059	88.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	183528	8.609	ng	Qvalue 98

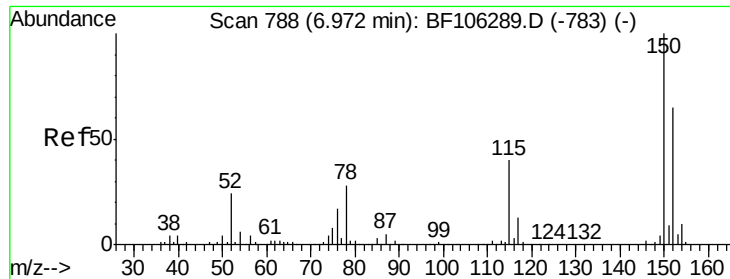
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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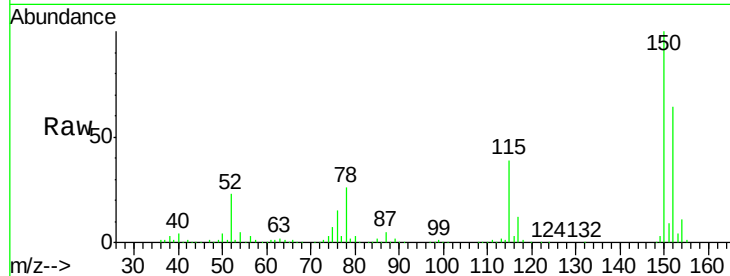


#1

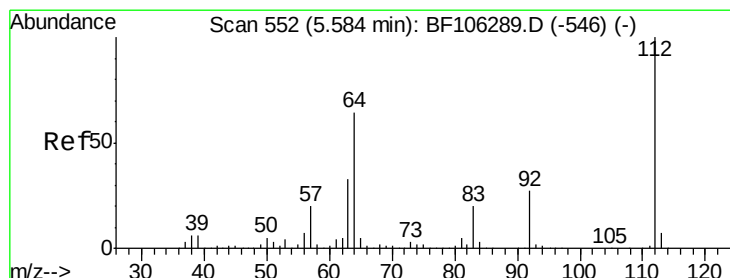
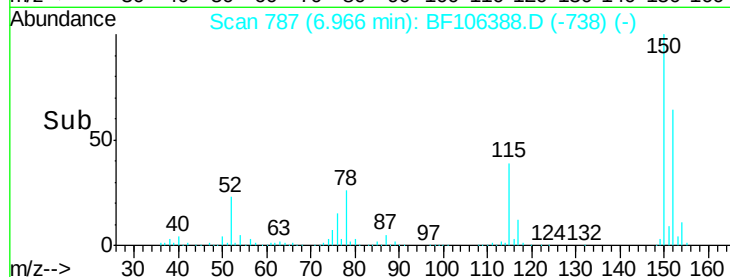
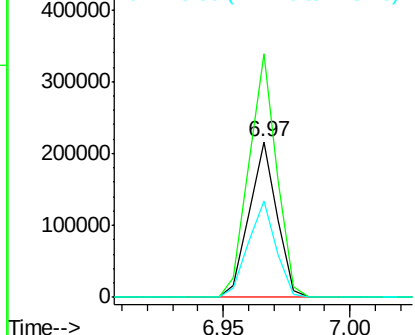
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106388.D
Acq: 13 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-028RE

Tot Ion:152 Resp: 164644
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 61.5 50.1 75.1



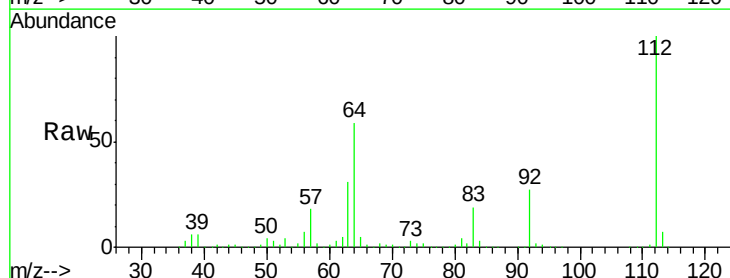
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



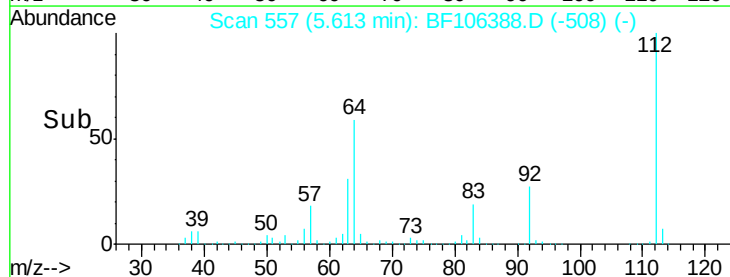
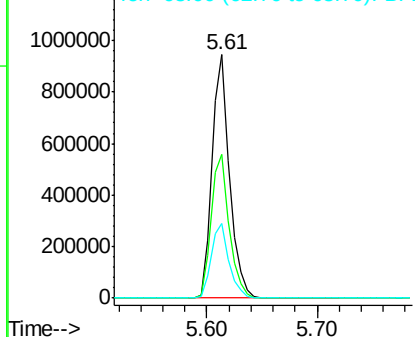
#5

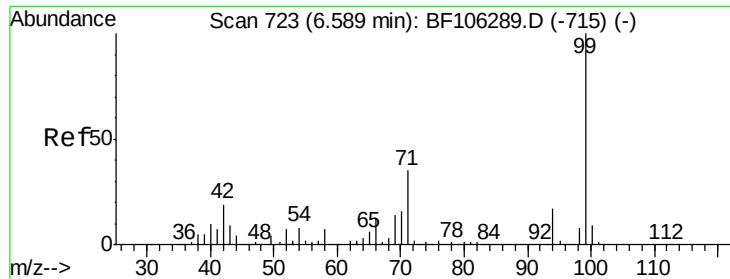
2-Fluorophenol
Concen: 103.714 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106388.D
Acq: 13 Jun 2018 13:56

Tgt Ion:112 Resp: 1008918
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 30.5 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: 101.619 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106388.D

Acq: 13 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-028RE

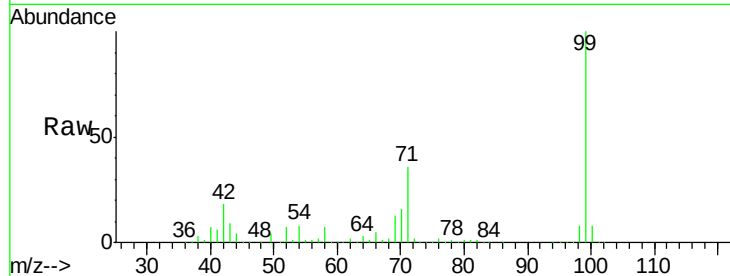
Tot Ion: 99 Resp: 1248928

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

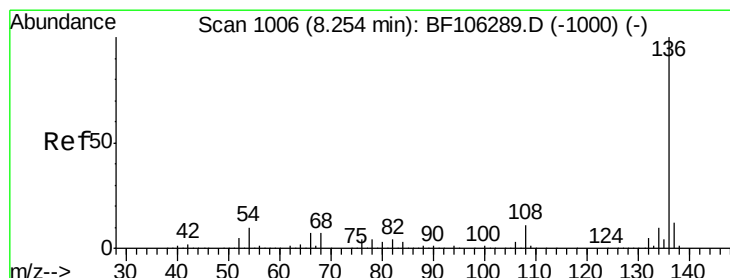
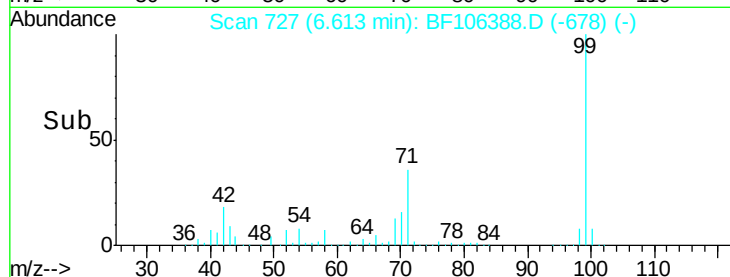
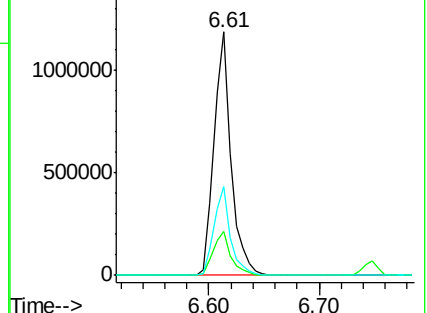
71 36.2 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106388.D

Acq: 13 Jun 2018 13:56

Tgt Ion: 136 Resp: 613674

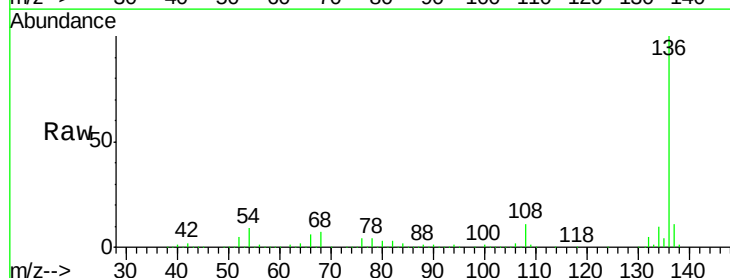
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.7 6.6 9.8

68 6.9 5.0 7.4

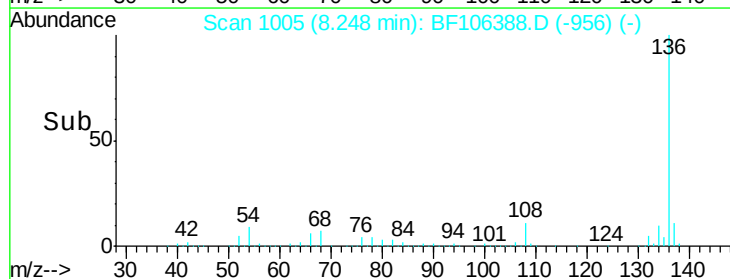
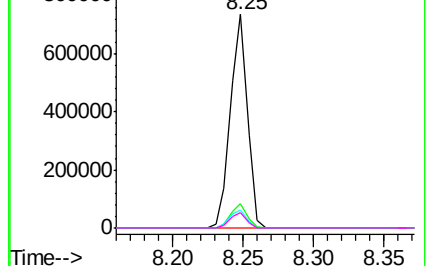


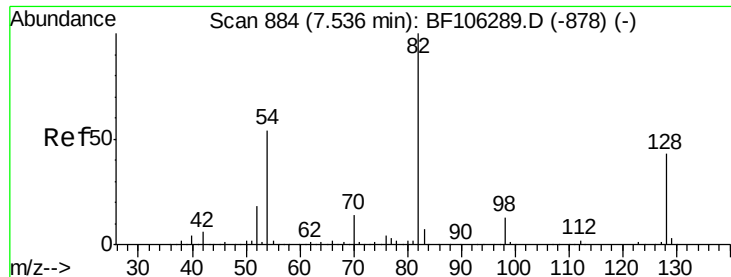
Abundance Ion 136.00 (135.70 to 136.70): E

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

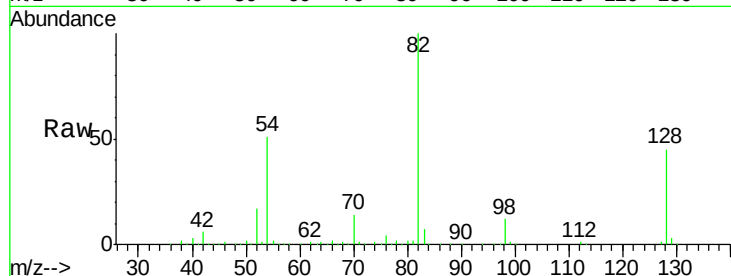




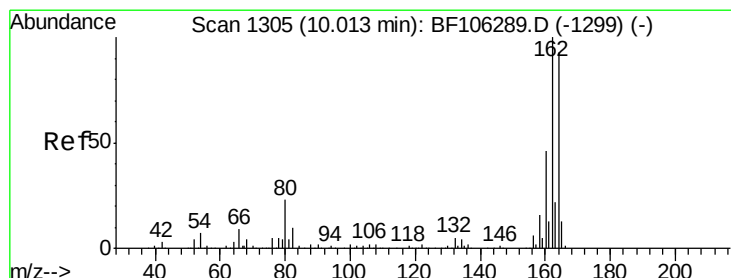
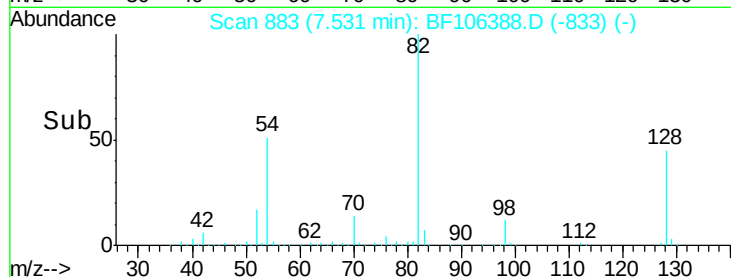
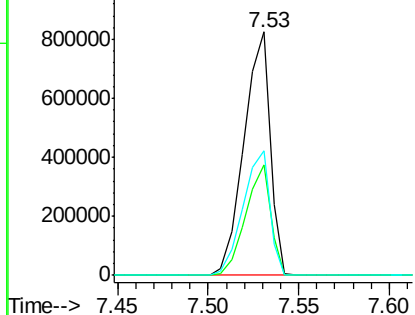
#23
 Nitrobenzene-d5
 Concen: 79.577 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106388.D
 Acq: 13 Jun 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-028RE

Tot Ion: 82 Resp: 830118
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 51.0 41.4 62.2

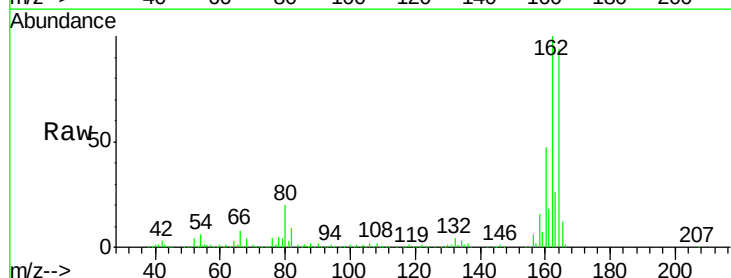


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

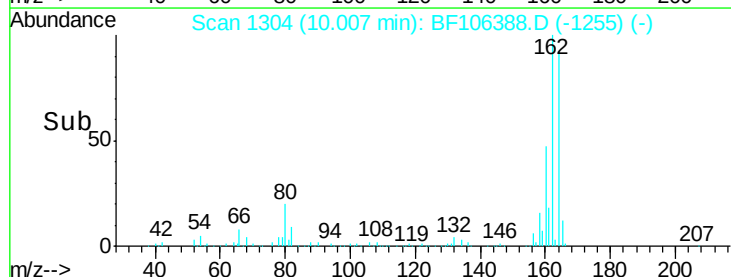
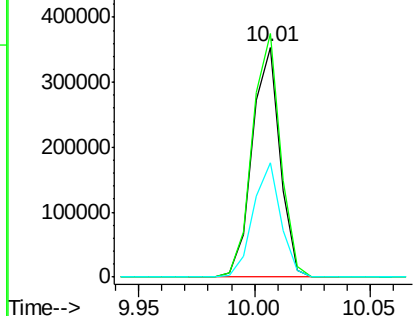


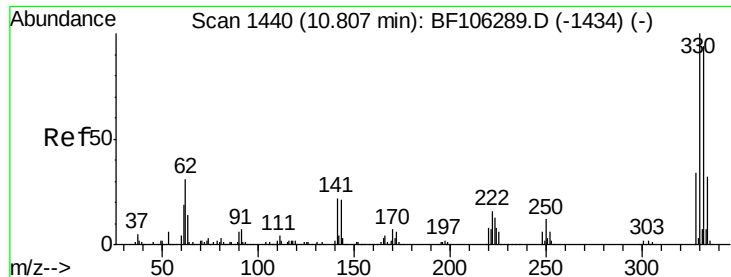
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106388.D
 Acq: 13 Jun 2018 13:56

Tgt Ion: 164 Resp: 298382
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 49.8 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

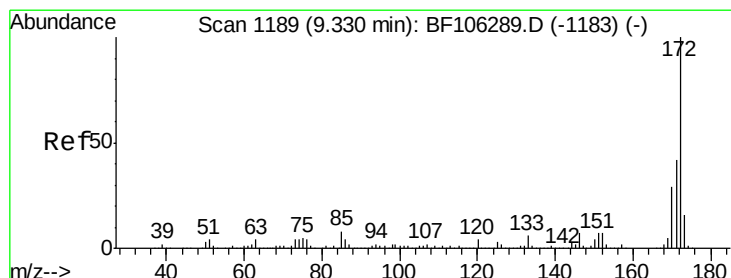
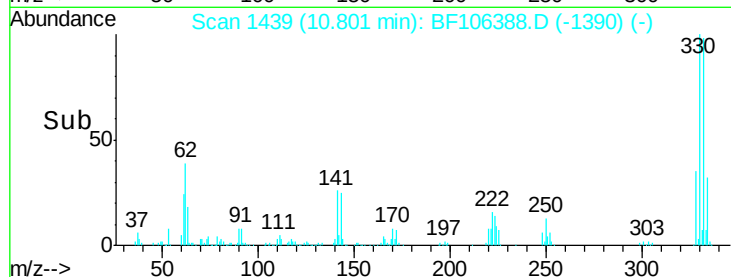
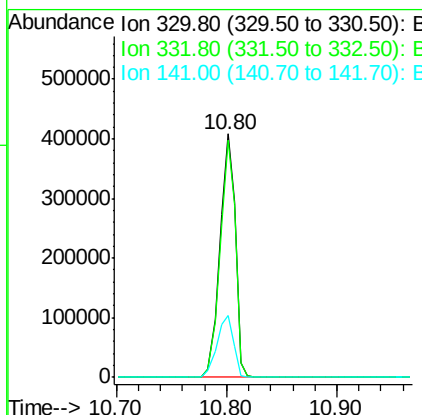
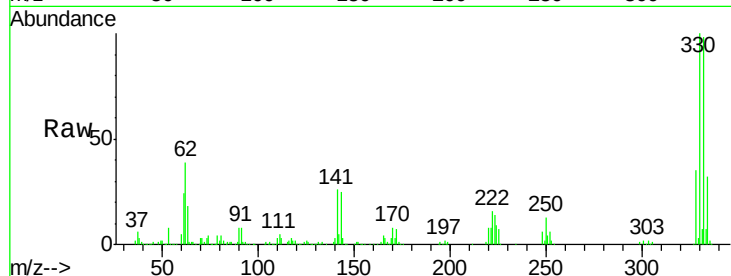




#41
 2,4,6-Tribromophenol
 Concen: 138.211 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106388.D
 Acq: 13 Jun 2018 13:56

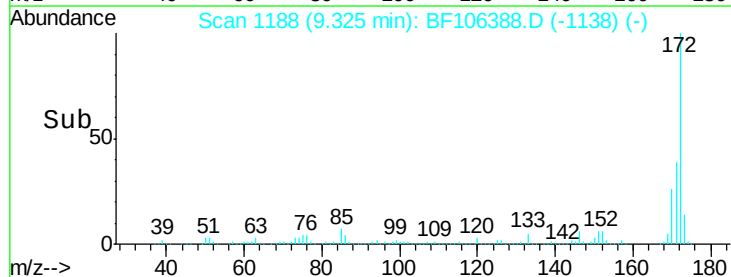
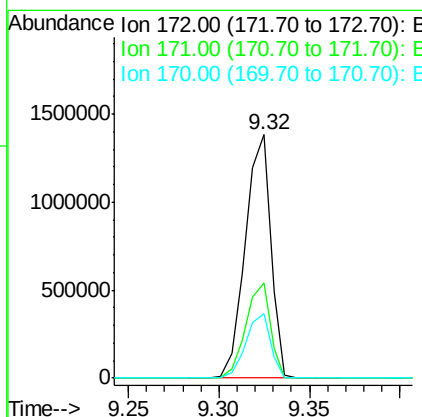
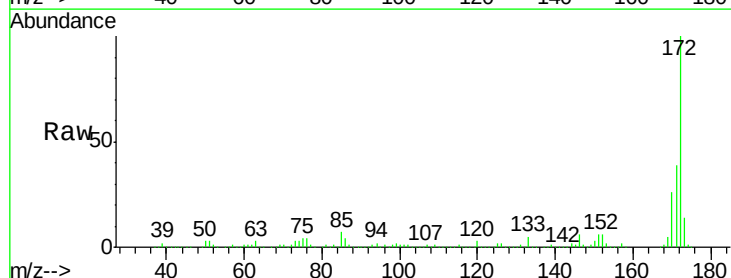
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-028RE

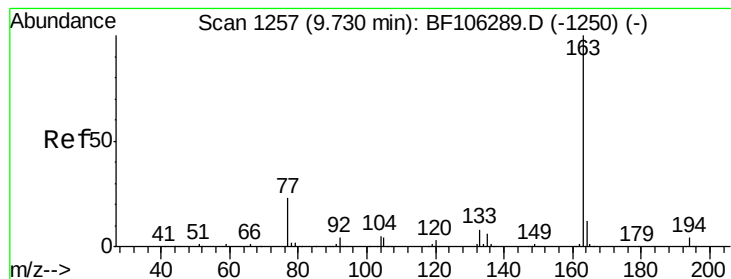
Tot Ion:330 Resp: 396796
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 27.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 78.665 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106388.D
 Acq: 13 Jun 2018 13:56

Tgt Ion:172 Resp: 1353691
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.7 44.5
 170 26.4 19.6 29.4





#49

Dimethylphthalate

Concen: 8.609 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106388.D

Acq: 13 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-028RE

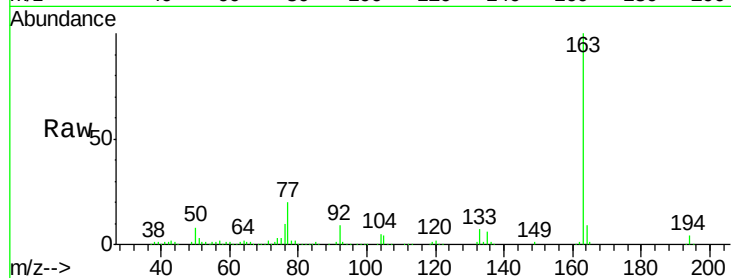
Tot Ion:163 Resp: 183528

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

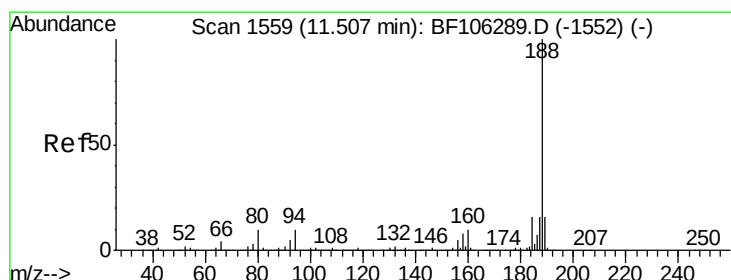
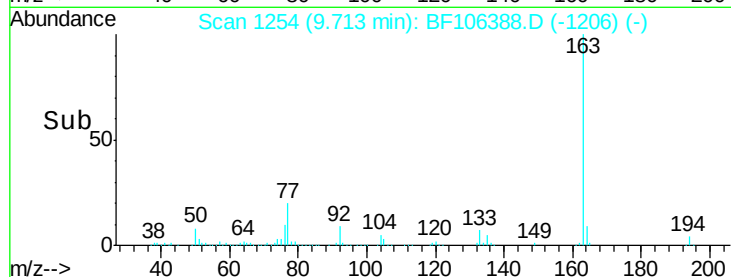
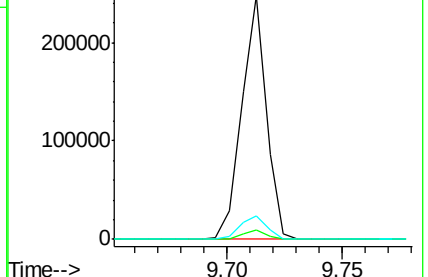
164 9.5 8.2 12.2



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# 1557

Delta R.T. -0.01 min

Lab File: BF106388.D

Acq: 13 Jun 2018 13:56

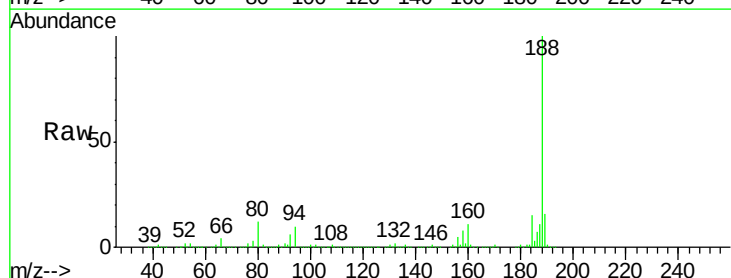
Tgt Ion:188 Resp: 586080

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

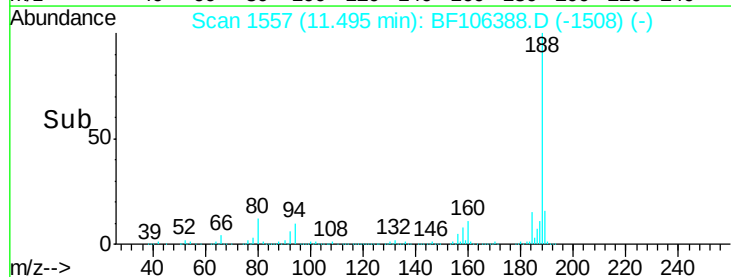
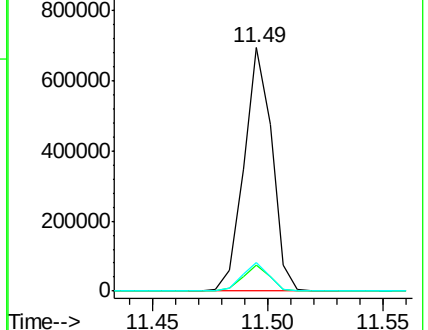
80 11.6 9.2 13.8

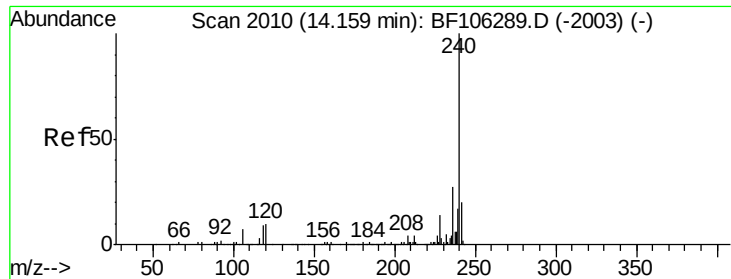


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106388.D

Acq: 13 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-028RE

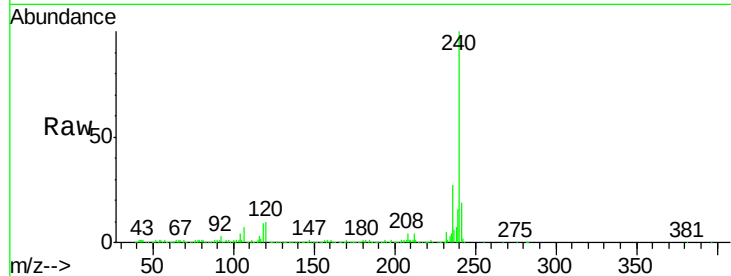
Tot Ion:240 Resp: 412971

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

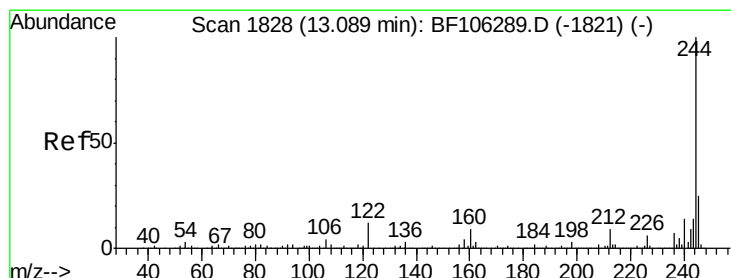
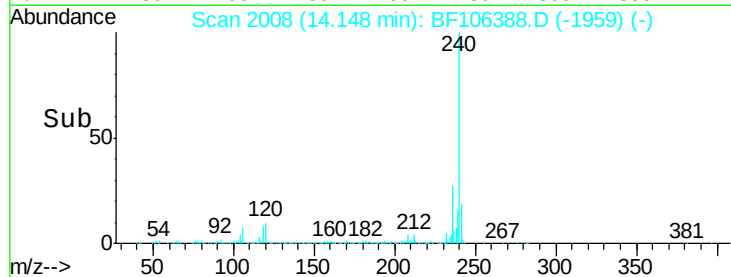
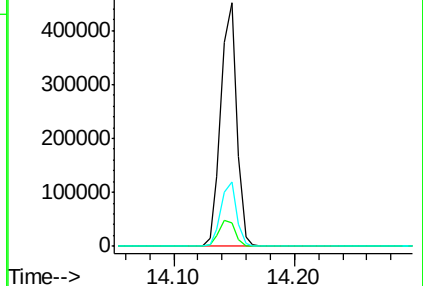
236 26.5 20.7 31.1



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: 88.115 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106388.D

Acq: 13 Jun 2018 13:56

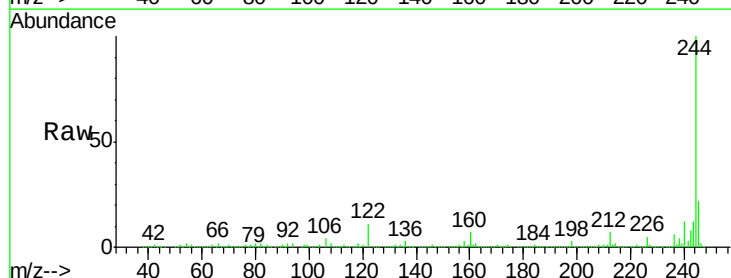
Tgt Ion:244 Resp: 1465059

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

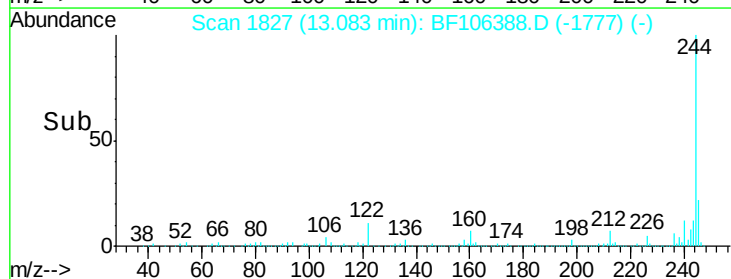
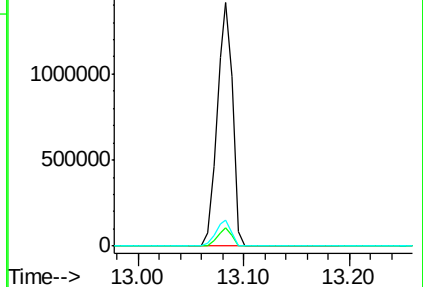
122 10.5 11.0 16.4#

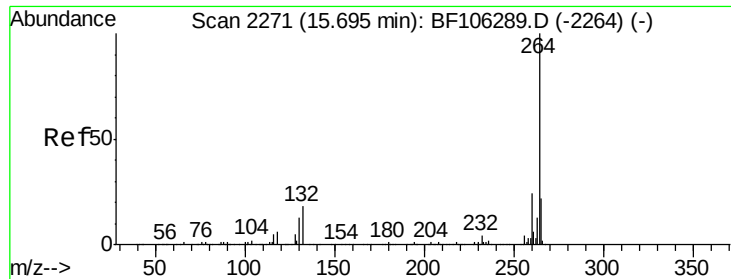


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

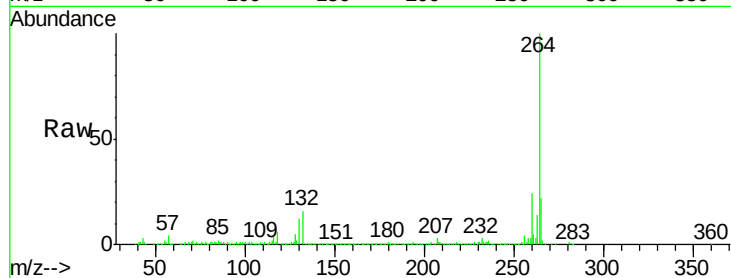




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF106388.D
Acq: 13 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-028RE

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.2	28.8	
265	22.0	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

