

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106417.D
 Acq On : 14 Jun 2018 3:29
 Operator : JU/SJ
 Sample : PB110157BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BL

Quant Time: Jun 14 04:19:43 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	139698	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	541154	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	261836	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	513902	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	360558	20.00	ng	-0.02
86) Perylene-d12	15.67	264	360727	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	573078	69.43	ng	-0.01
7) Phenol-d6	6.61	99	719824	69.03	ng	-0.02
23) Nitrobenzene-d5	7.52	82	656294	71.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	189421	75.19	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1127458	73.04	ng	0.00
78) Terphenyl-d14	13.08	244	1147792	79.07	ng	0.00

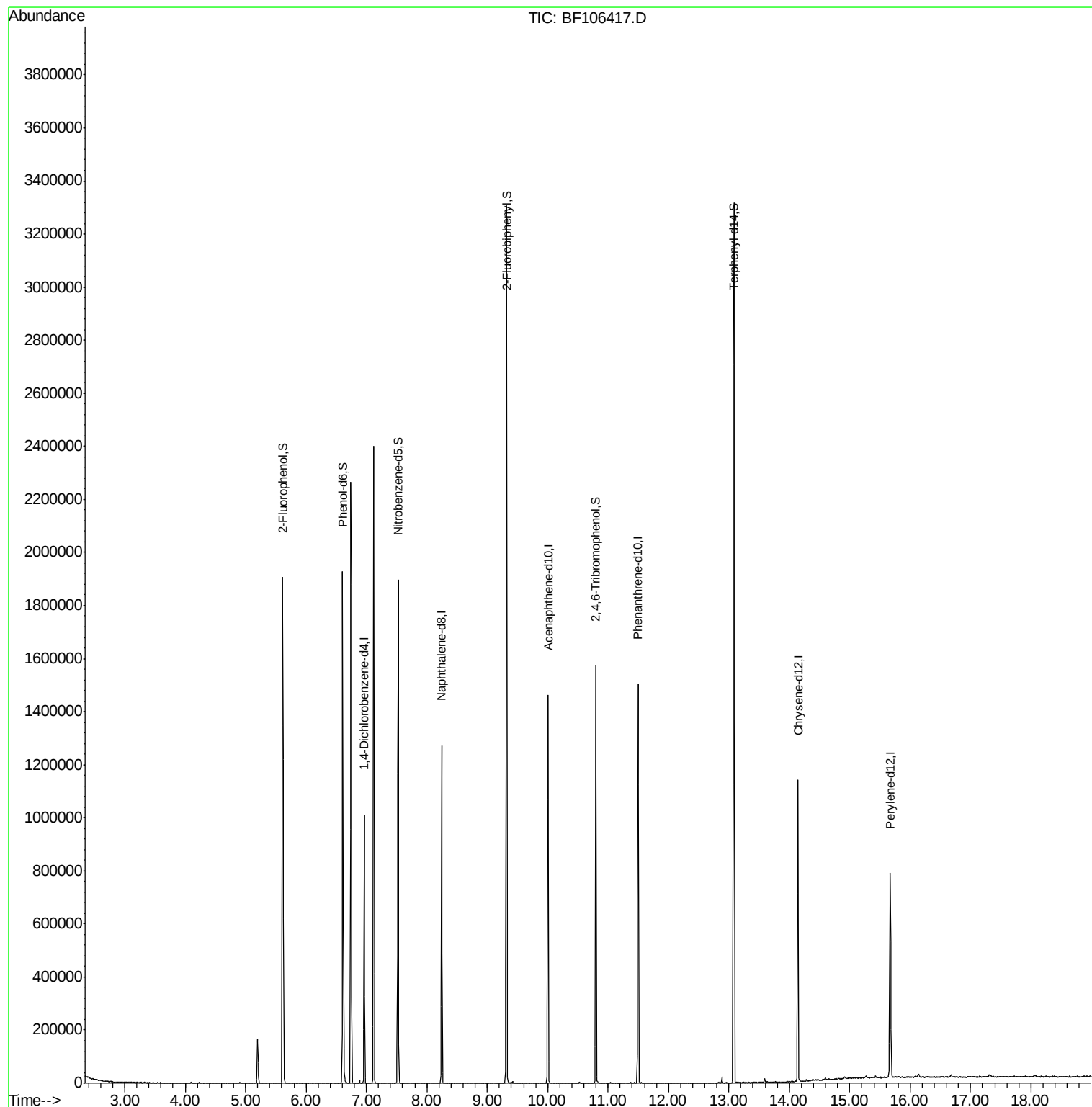
Target Compounds Qvalue

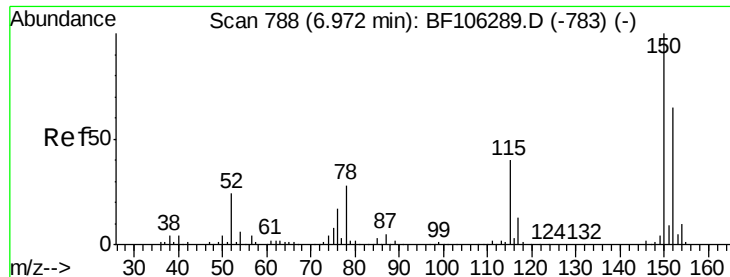
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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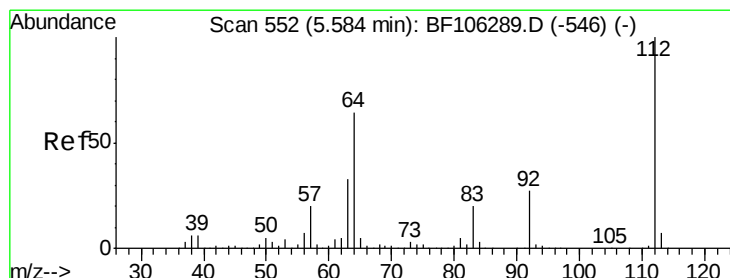
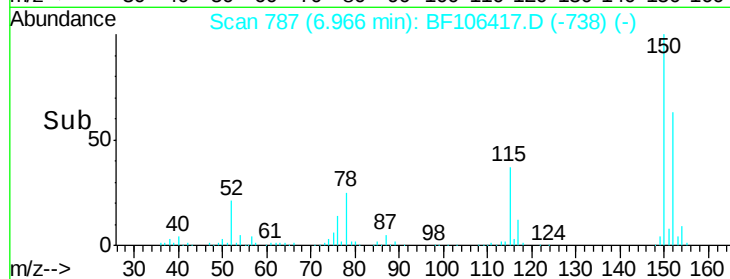
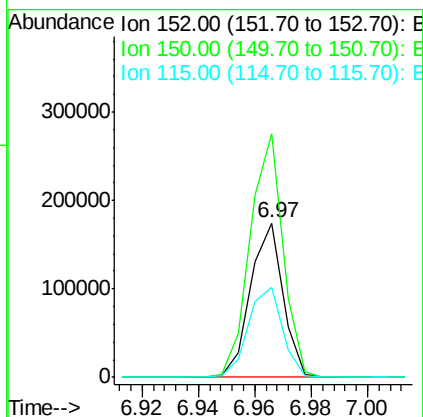
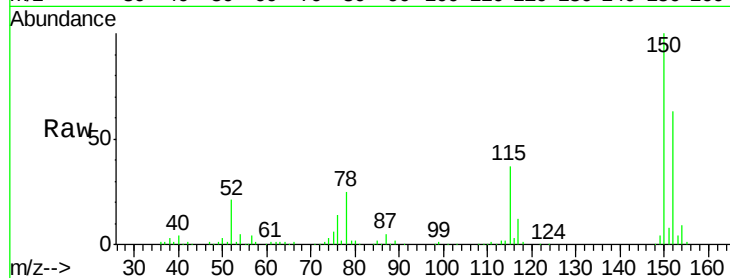


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106417.D
Acq: 14 Jun 2018 3:29

Instrument :
BNA_F
ClientSampleId :
PB110157BL

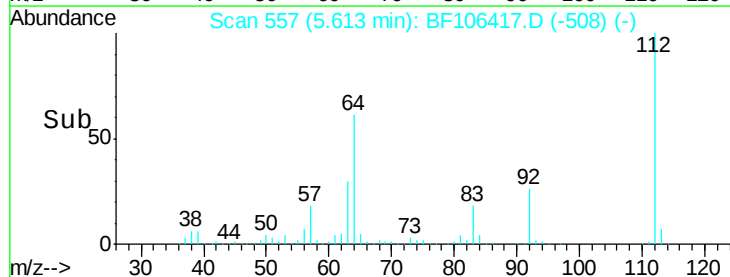
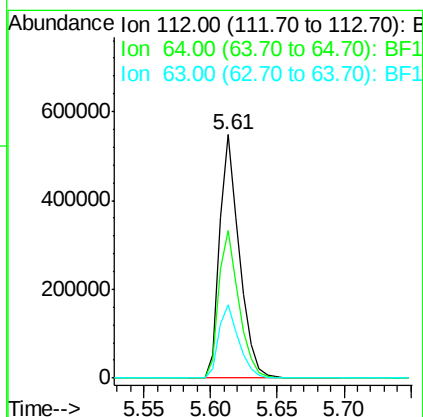
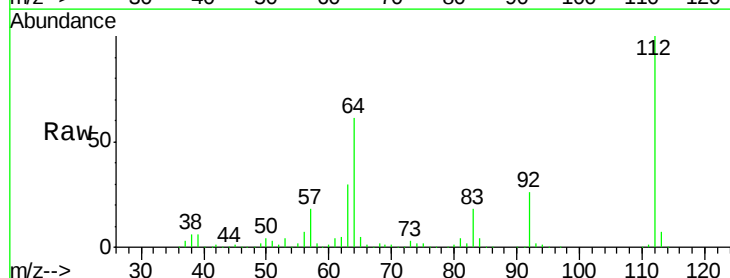
Tot Ion:152 Resp: 139698
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.2 50.1 75.1



#5

2-Fluorophenol
Concen: 69.431 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106417.D
Acq: 14 Jun 2018 3:29

Tgt Ion:112 Resp: 573078
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 69.027 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106417.D

Acq: 14 Jun 2018 3:29

Instrument :

BNA_F

ClientSampleId :

PB110157BL

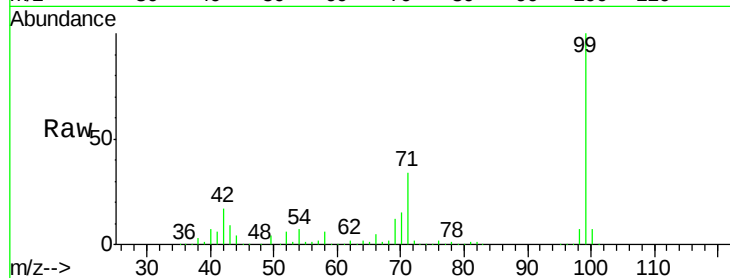
Tot Ion: 99 Resp: 719824

Ion Ratio Lower Upper

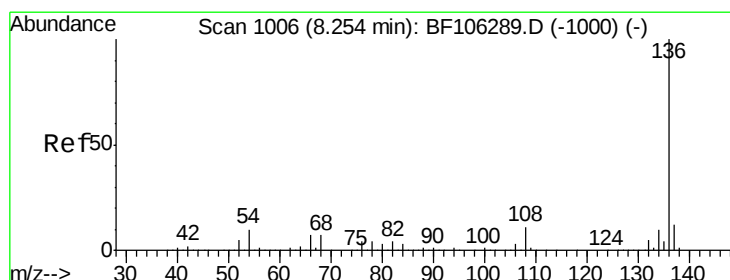
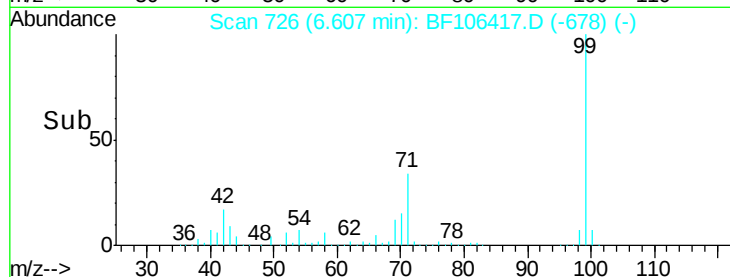
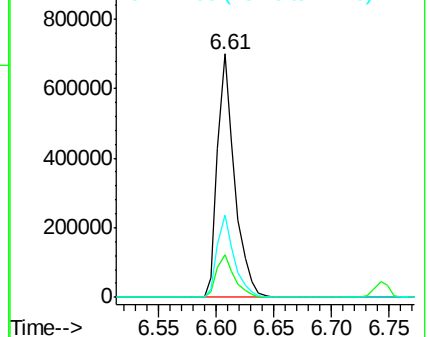
99 100

42 17.5 14.5 21.7

71 33.6 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: BF106417.D

Acq: 14 Jun 2018 3:29

Tgt Ion: 136 Resp: 541154

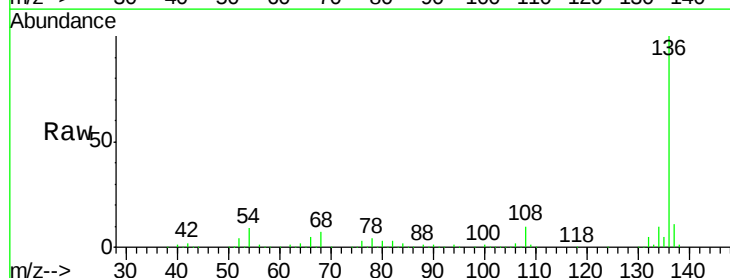
Ion Ratio Lower Upper

136 100

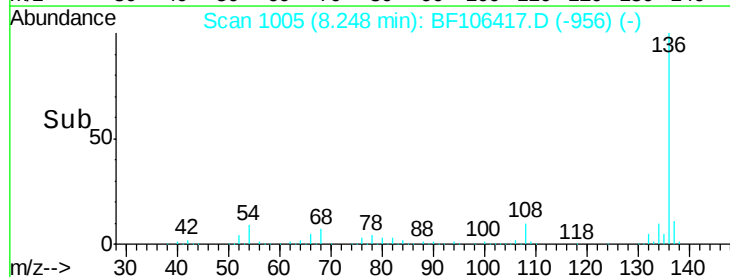
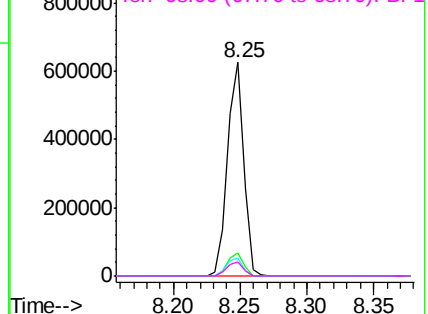
137 11.0 8.9 13.3

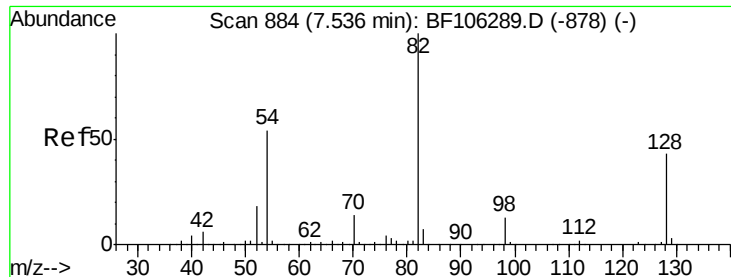
54 8.6 6.6 9.8

68 6.5 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

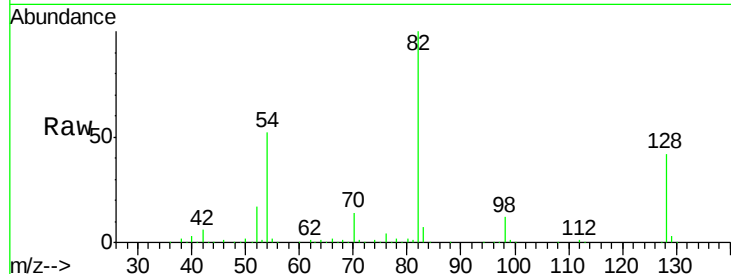




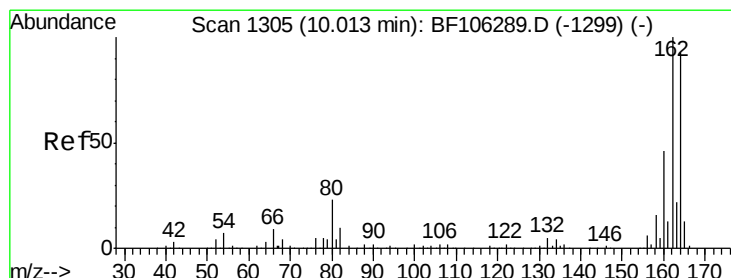
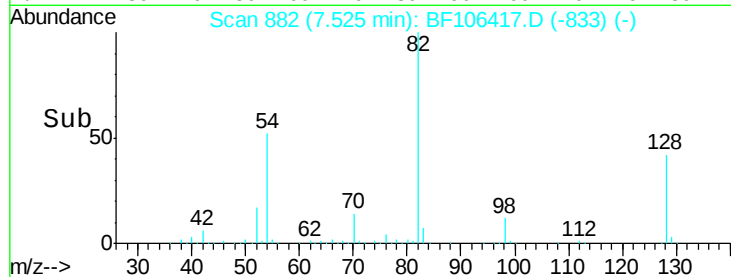
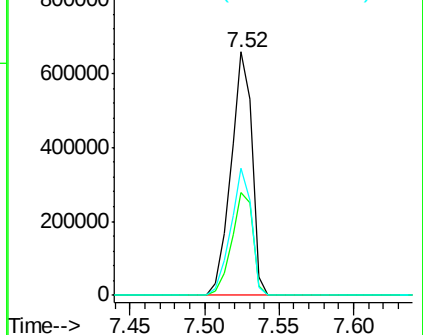
#23
 Nitrobenzene-d5
 Concen: 71.345 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106417.D
 Acq: 14 Jun 2018 3:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BL

Tot Ion	82	Resp	656294
Ion Ratio	Lower	Upper	
82	100		
128	42.2	36.1	54.1
54	52.4	41.4	62.2

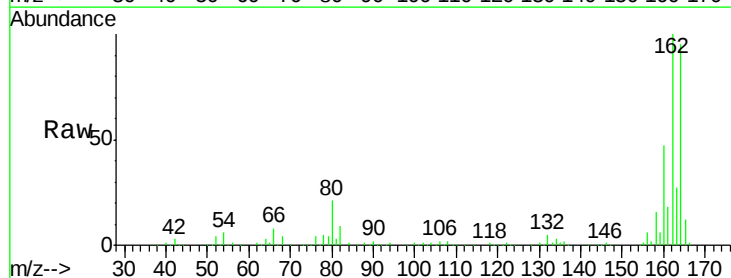


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

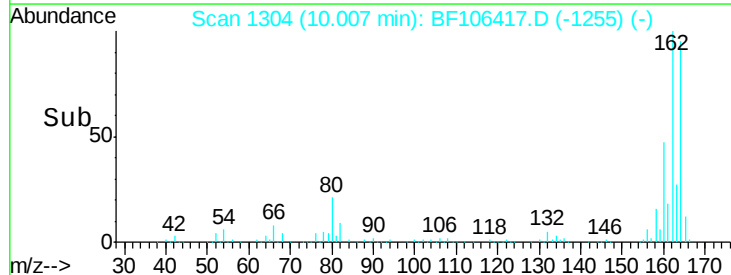
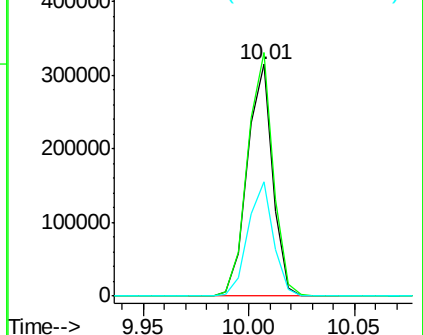


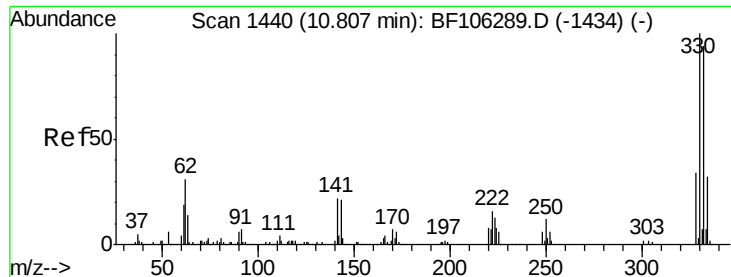
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106417.D
 Acq: 14 Jun 2018 3:29

Tgt Ion	164	Resp	261836
Ion Ratio	Lower	Upper	
164	100		
162	105.1	86.1	129.1
160	49.6	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

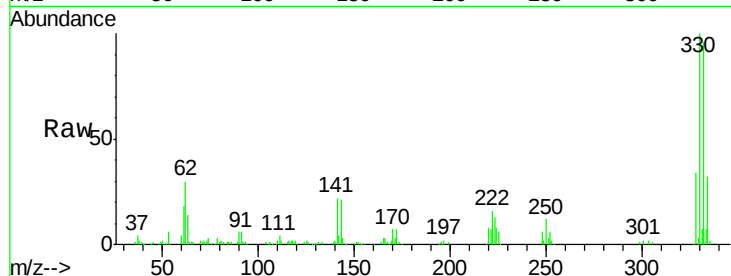




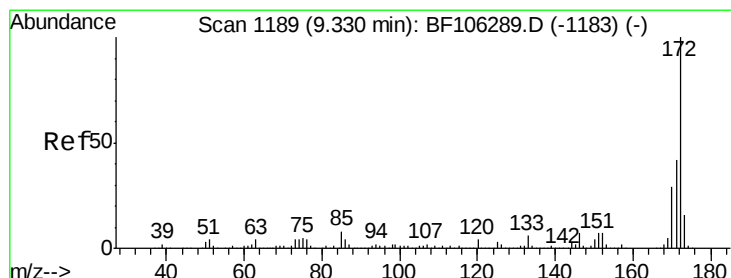
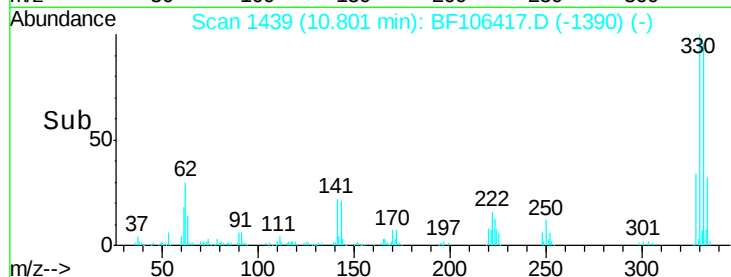
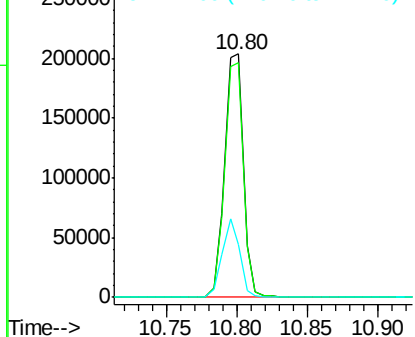
#41
 2,4,6-Tribromophenol
 Concen: 75.187 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106417.D
 Acq: 14 Jun 2018 3:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110157BL

Tot Ion:330 Resp: 189421
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 29.9 29.9 44.9#

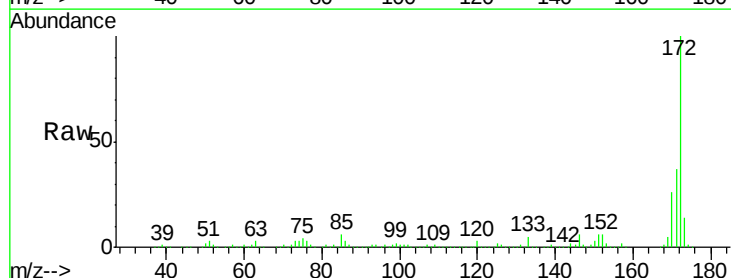


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

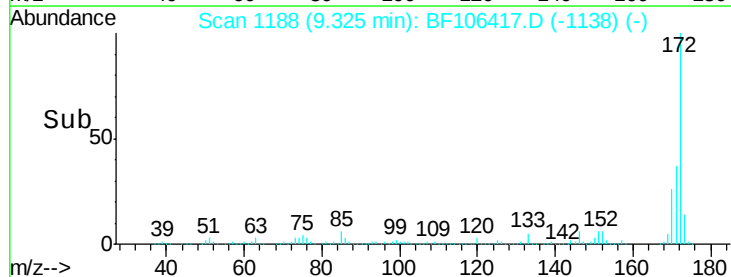
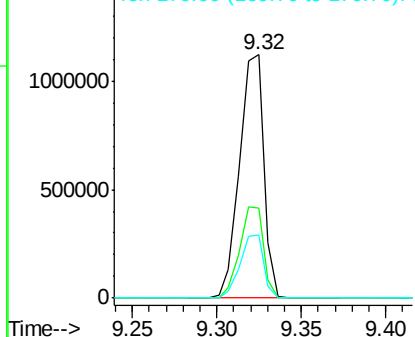


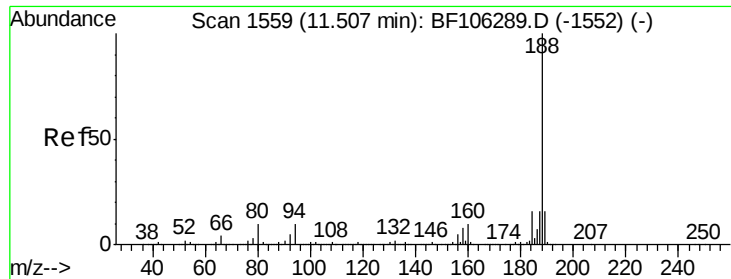
#44
 2-Fluorobiphenyl
 Concen: 73.044 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106417.D
 Acq: 14 Jun 2018 3:29

Tgt Ion:172 Resp: 1127458
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 25.8 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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106417.D

Acq: 14 Jun 2018 3:29

Instrument :

BNA_F

ClientSampleId :

PB110157BL

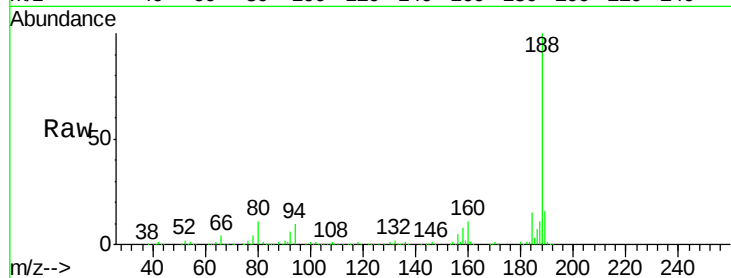
Tot Ion:188 Resp: 513902

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

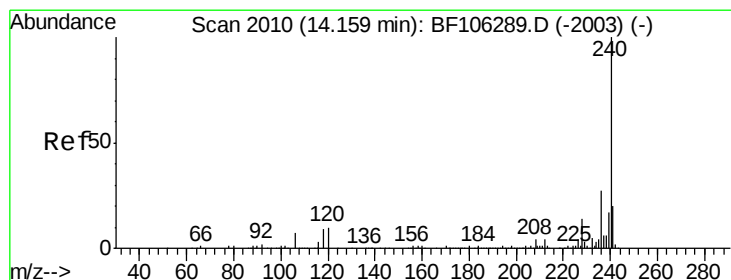
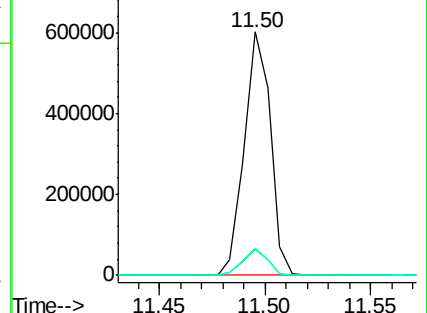
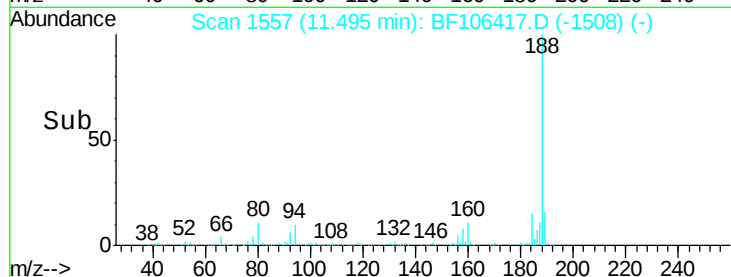
80 11.5 9.2 13.8



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: BF106417.D

Acq: 14 Jun 2018 3:29

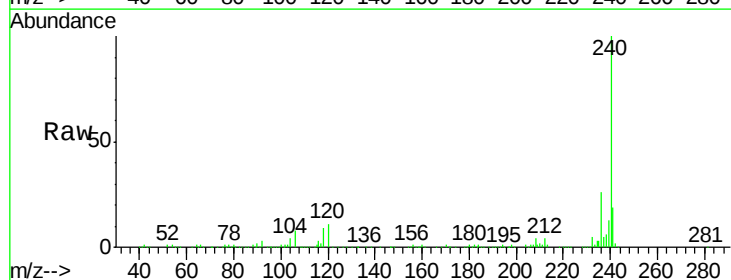
Tgt Ion:240 Resp: 360558

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

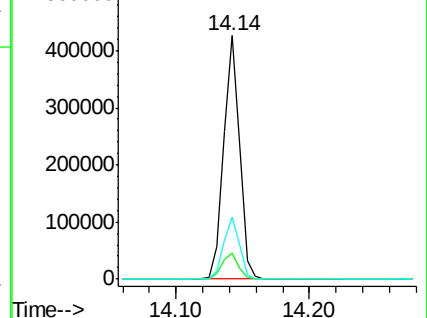
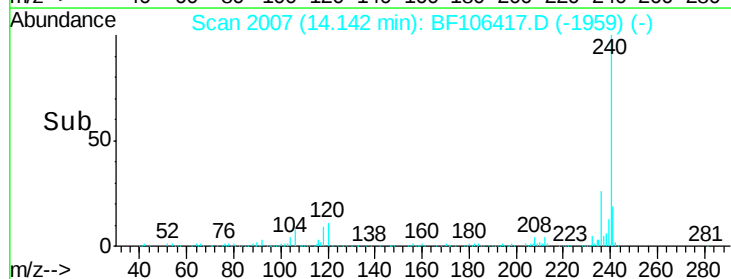
236 25.6 20.7 31.1

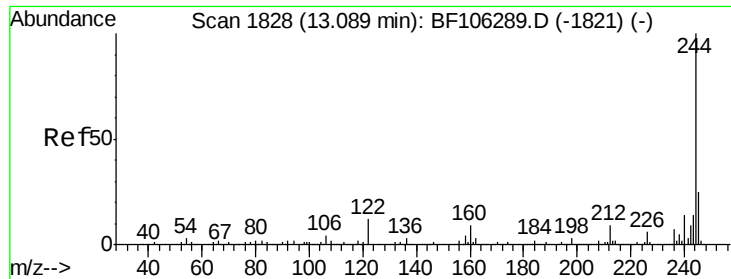


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.068 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106417.D

Acq: 14 Jun 2018 3:29

Instrument :

BNA_F

ClientSampleId :

PB110157BL

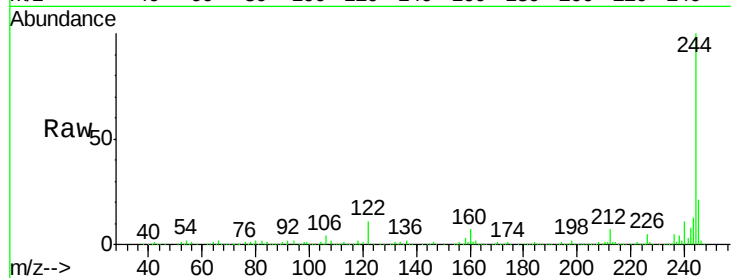
Tot Ion:244 Resp: 1147792

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

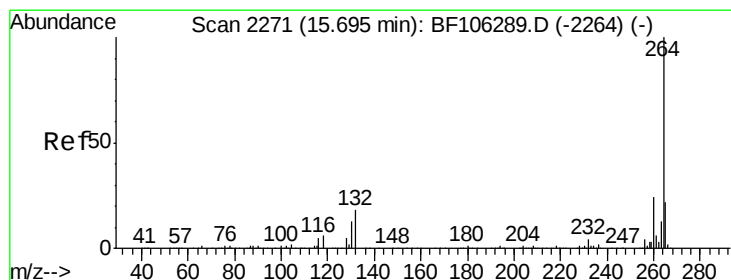
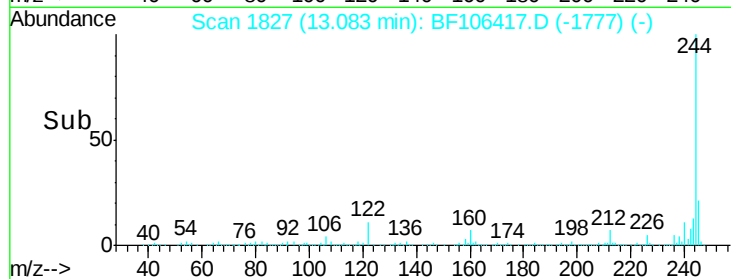
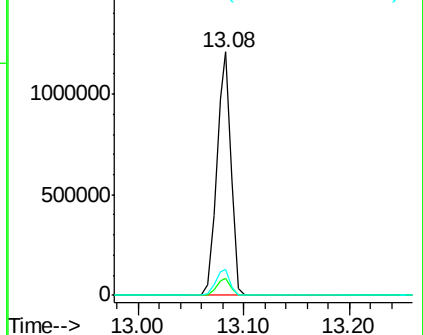
122 10.6 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF106417.D

Acq: 14 Jun 2018 3:29

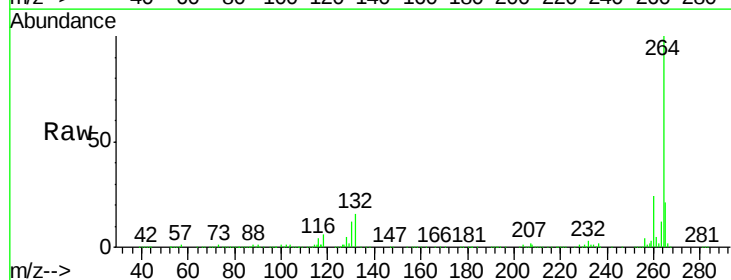
Tgt Ion:264 Resp: 360727

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 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

