

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106715.D
 Acq On : 22 Jun 2018 18:23
 Operator : JU/SJ
 Sample : PB110505BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BL

Quant Time: Jun 22 23:08:40 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 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	55228	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	216324	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	117512	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	251618	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	239987	20.00	ng	-0.01
86) Perylene-d12	15.68	264	186538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	332379	101.91	ng	0.00
7) Phenol-d6	6.60	99	417971	102.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	280487	72.06	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	157408	115.57	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	534181	75.25	ng	-0.01
78) Terphenyl-d14	13.08	244	717022	72.37	ng	0.00

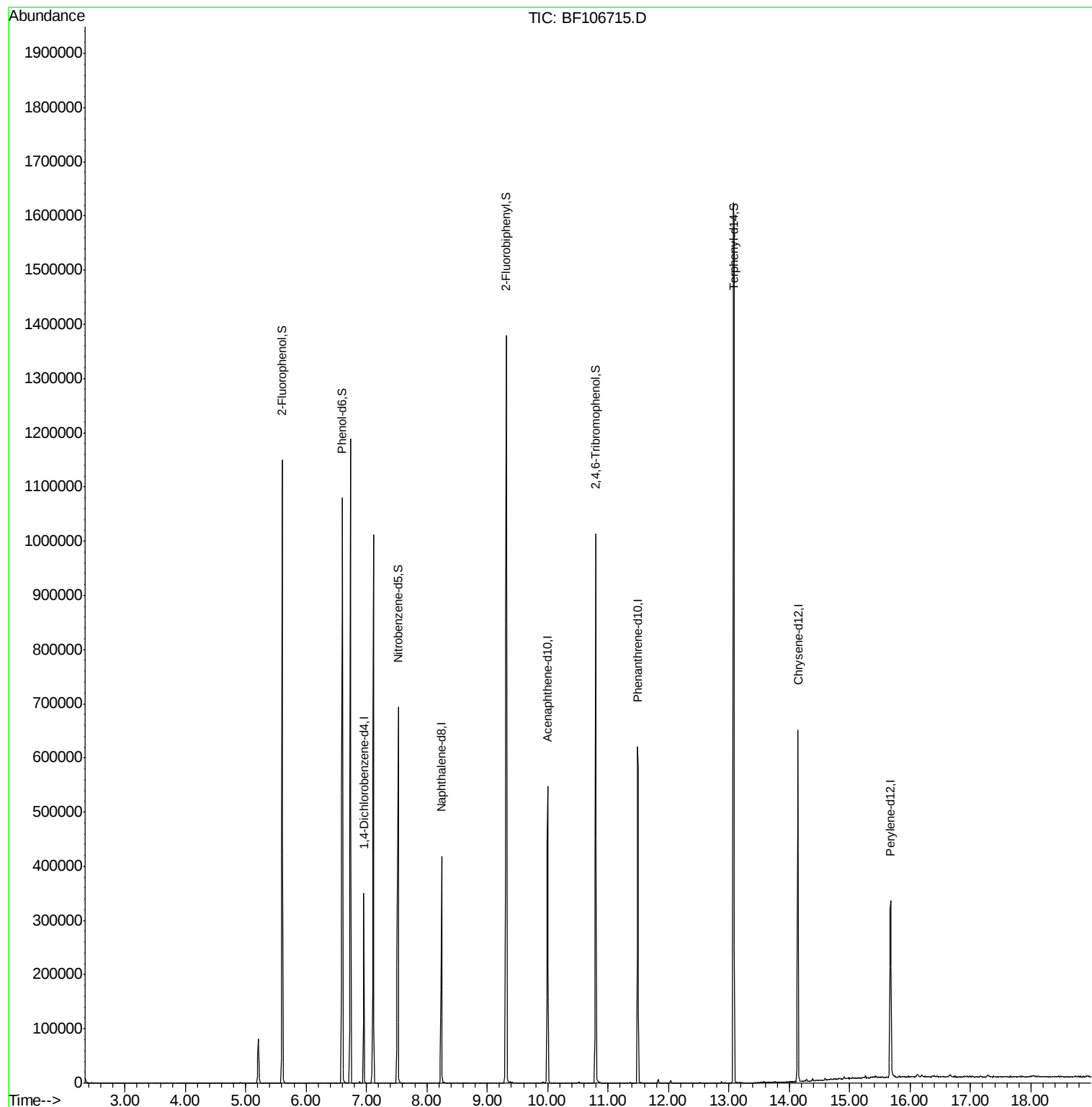
Target Compounds Qvalue

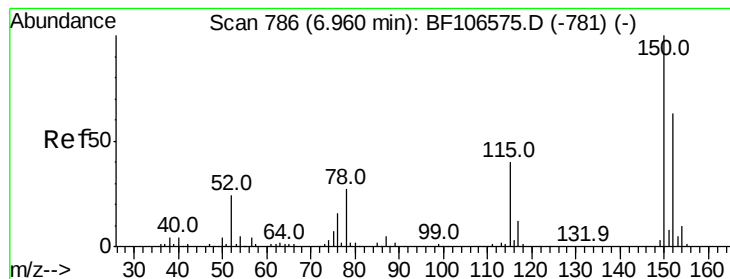
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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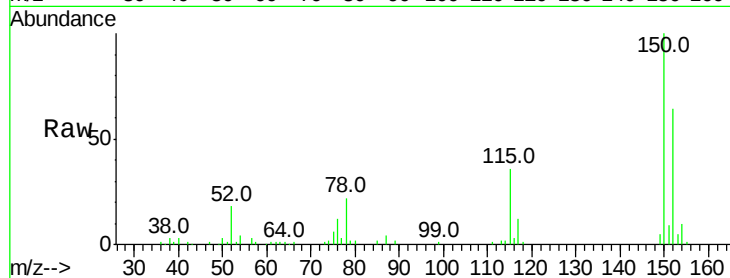


#1

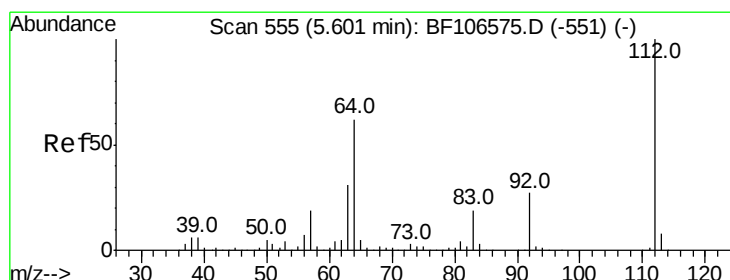
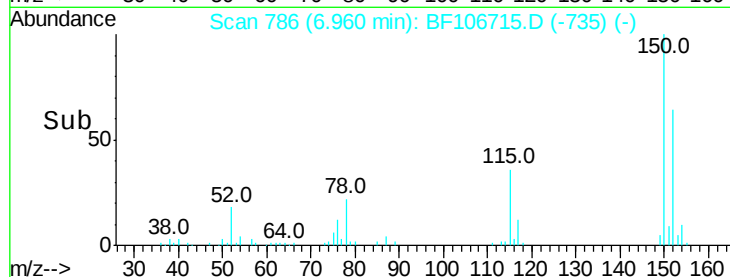
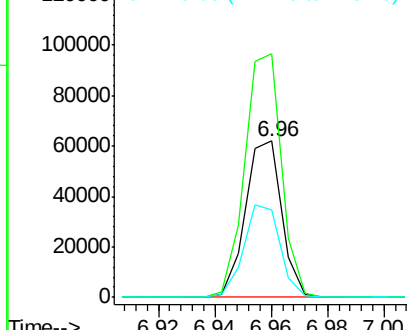
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110505BL

Tot Ion:152 Resp: 55228
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 56.1 50.1 75.1



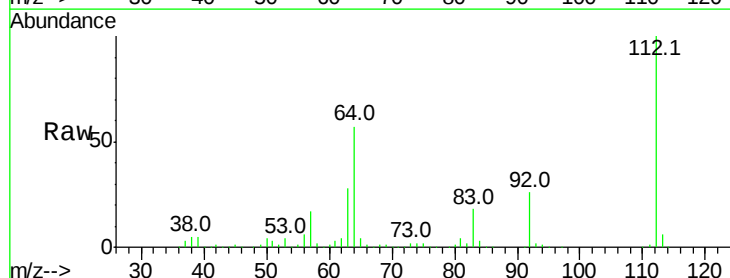
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



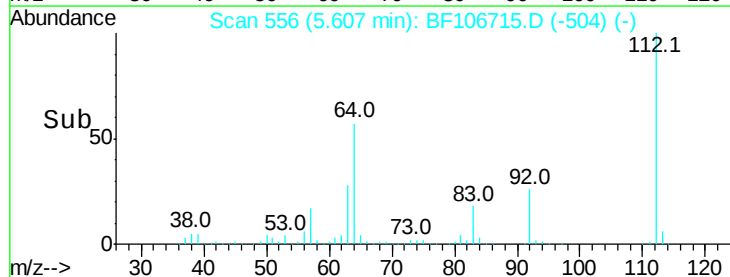
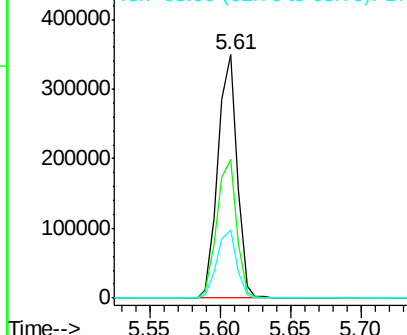
#5

2-Fluorophenol
Concen: 101.909 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Tgt Ion:112 Resp: 332379
Ion Ratio Lower Upper
112 100
64 56.8 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: 102.620 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106715.D

Acq: 22 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110505BL

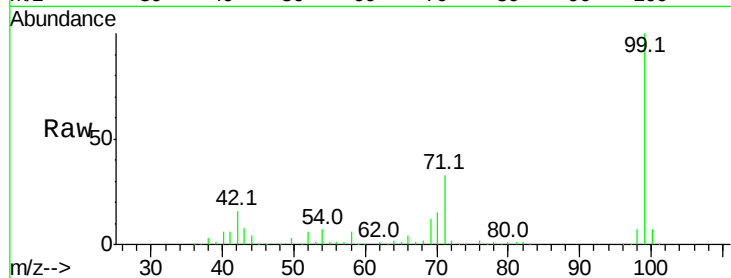
Tot Ion: 99 Resp: 417971

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

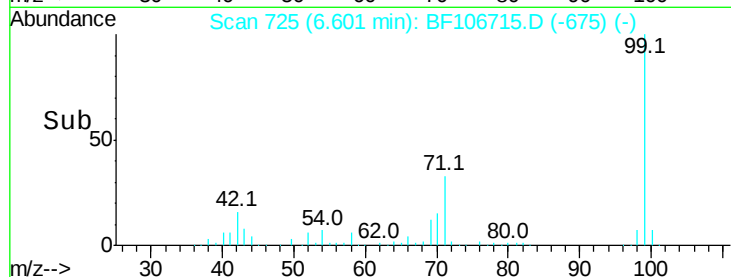
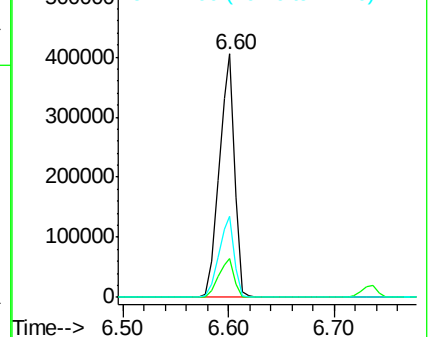
71 33.4 25.4 38.0



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: BF106715.D

Acq: 22 Jun 2018 18:23

Tgt Ion: 136 Resp: 216324

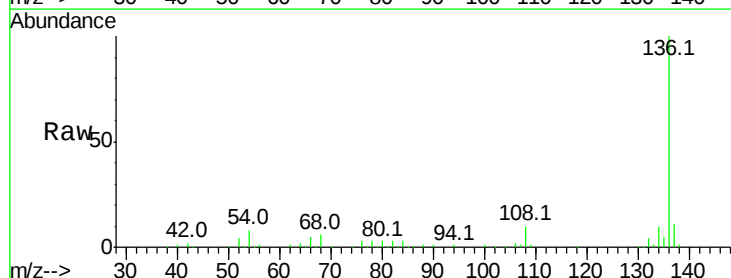
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.0 5.0 7.4

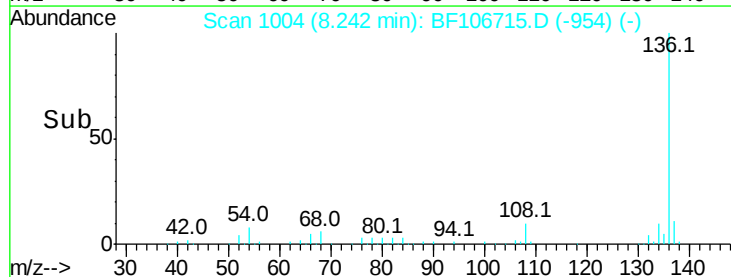
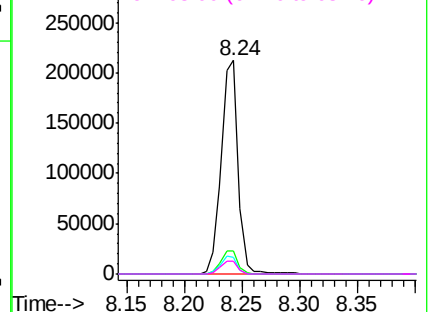


Abundance Ion 136.00 (135.70 to 136.70): E

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

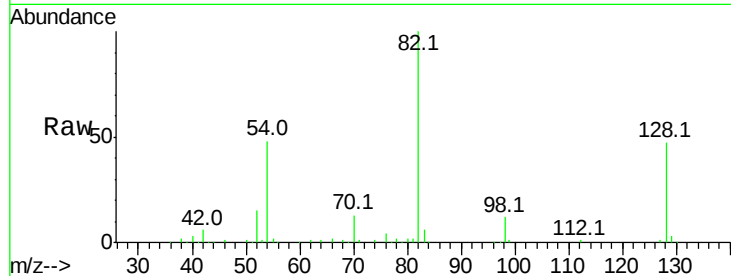




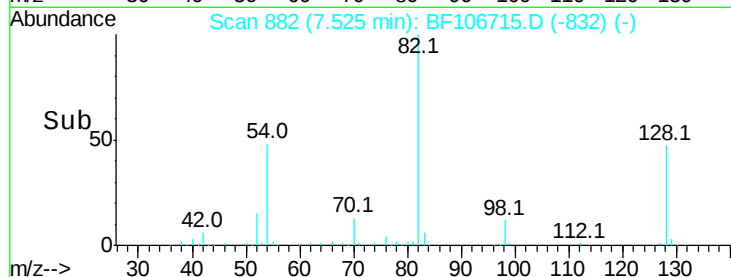
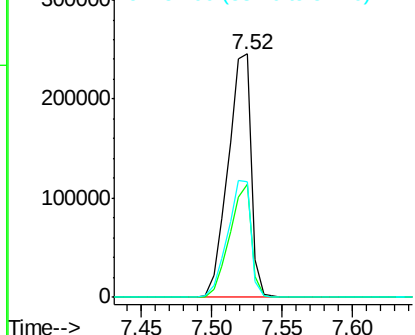
#23
Nitrobenzene-d5
Concen: 72.057 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110505BL

Tot Ion	82	Resp	280487
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	47.7	41.4	62.2

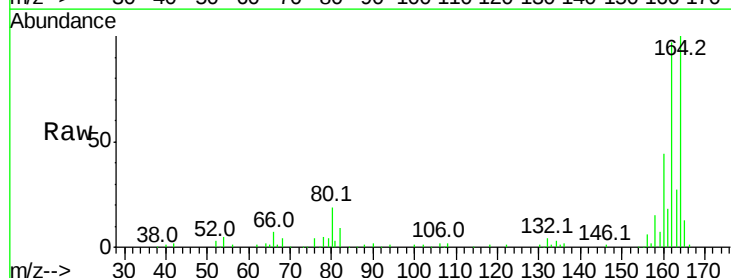


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

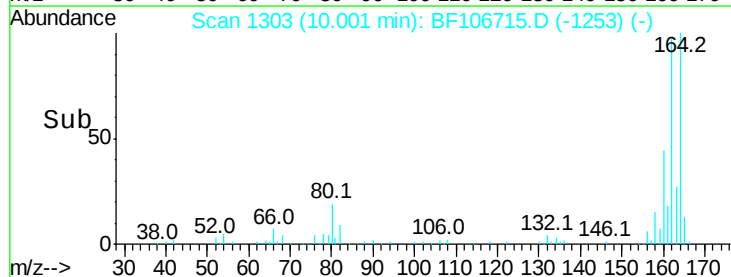
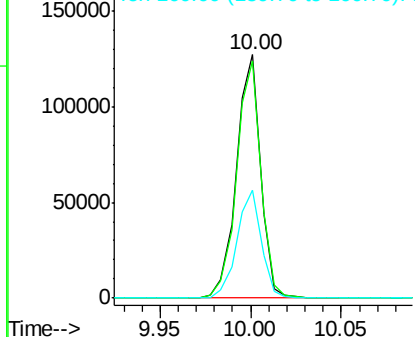


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Tgt Ion	164	Resp	117512
Ion Ratio	Lower	Upper	
164	100		
162	97.2	86.1	129.1
160	44.4	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

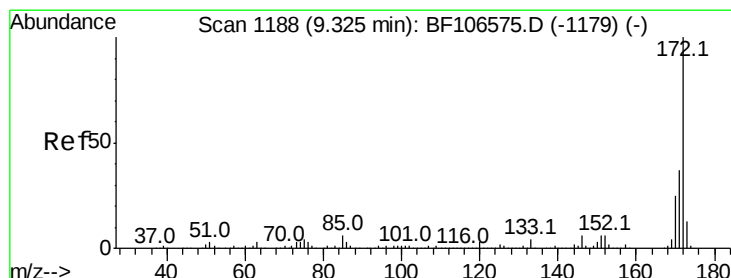
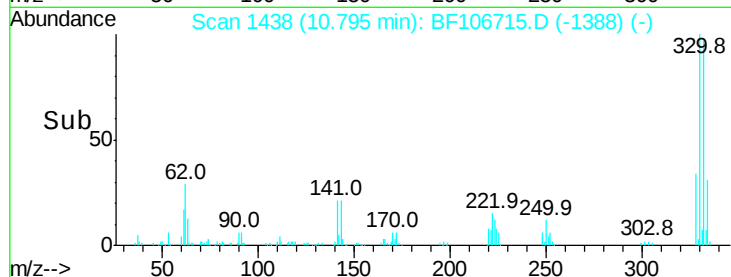
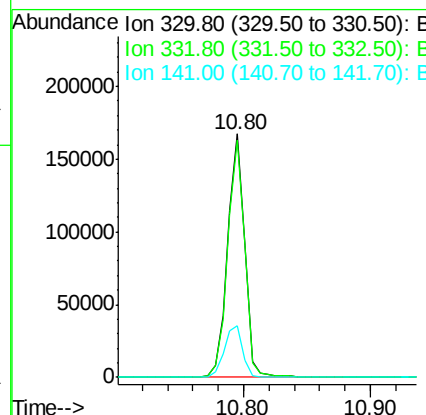
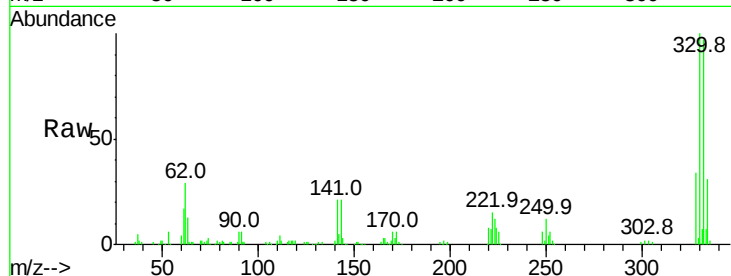




#41
 2,4,6-Tribromophenol
 Concen: 115.572 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

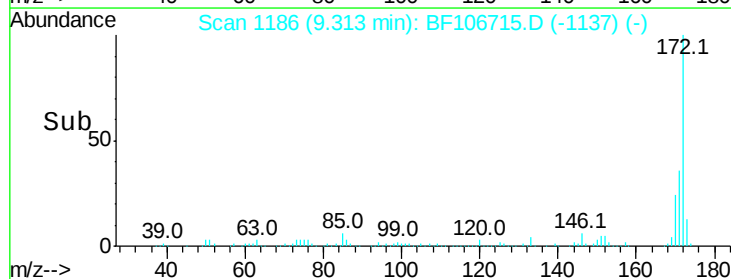
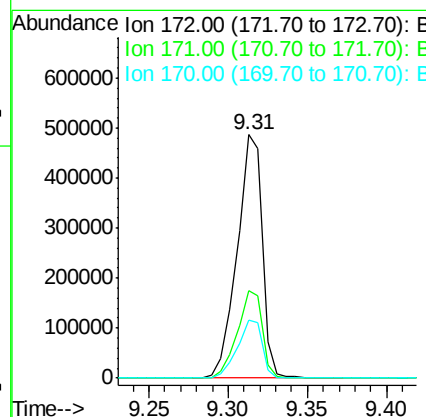
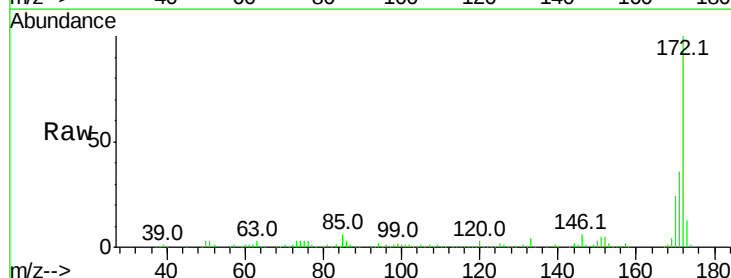
Instrument :
 BNA_F
 ClientSampleId :
 PB110505BL

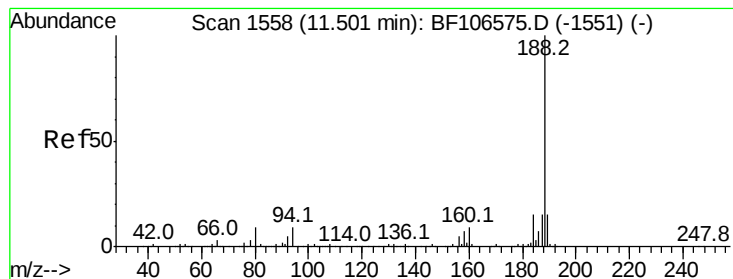
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	23.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 75.251 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106715.D

Acq: 22 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110505BL

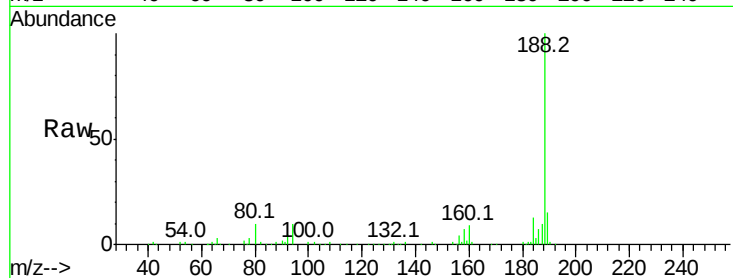
Tot Ion:188 Resp: 251618

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

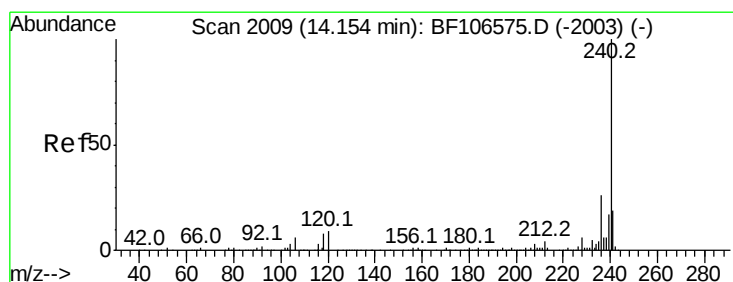
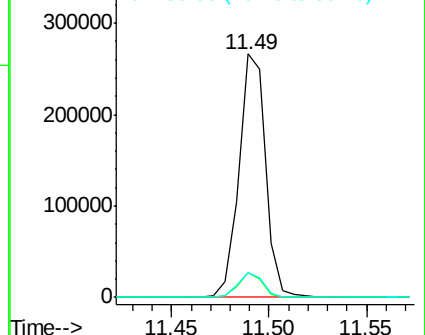
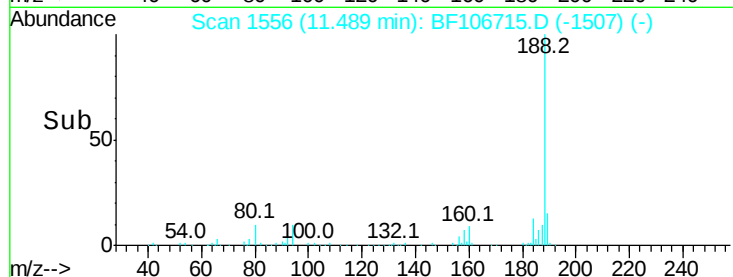
80 10.4 9.2 13.8



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: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106715.D

Acq: 22 Jun 2018 18:23

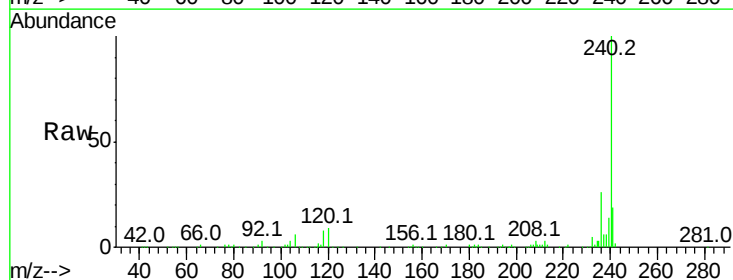
Tgt Ion:240 Resp: 239987

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

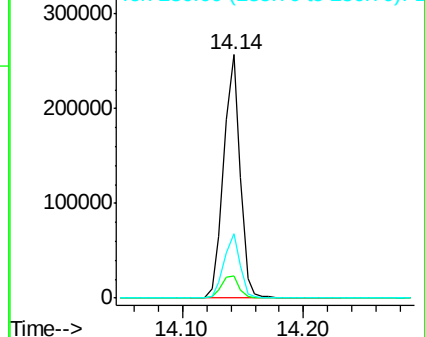
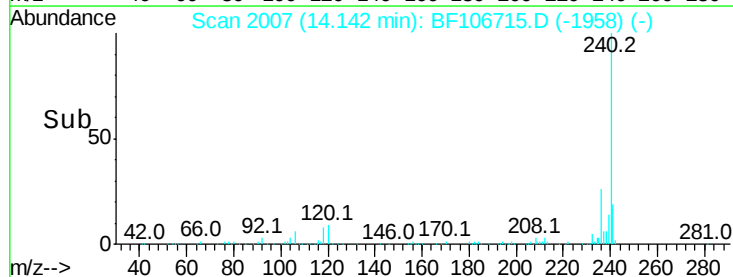
236 26.3 20.7 31.1

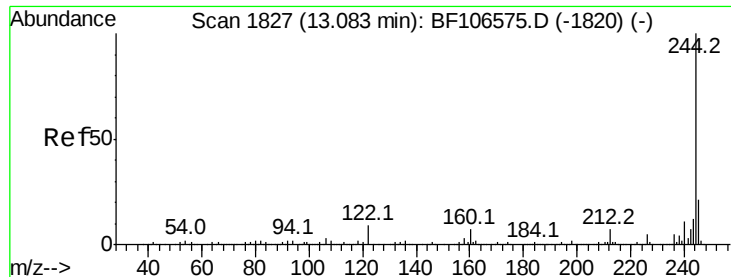


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

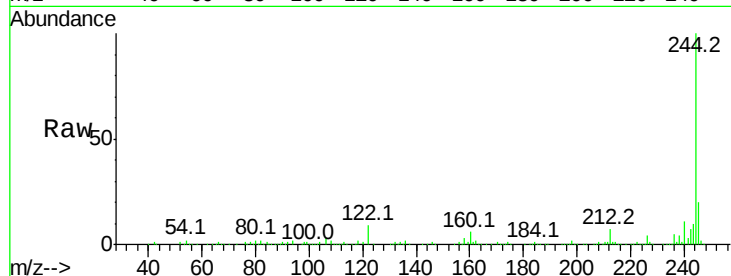




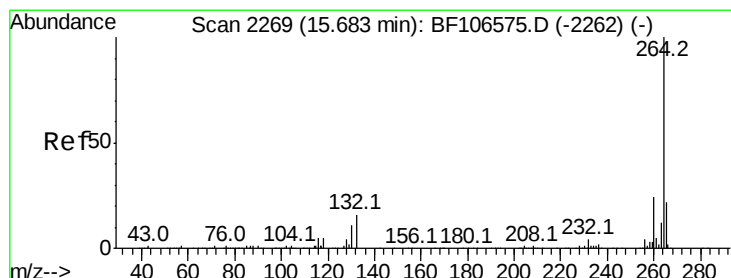
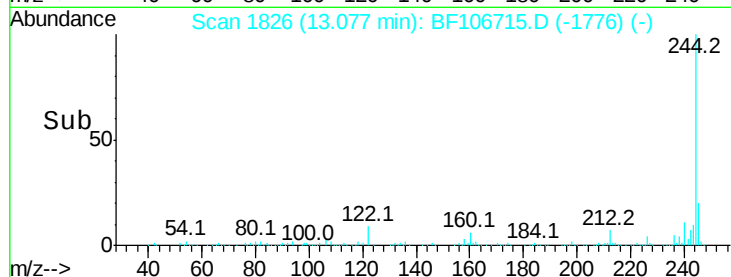
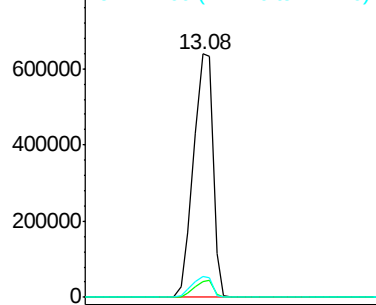
#78
 Terphenyl-d14
 Concen: 72.372 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Instrument :
 BNA_F
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 PB110505BL

Tot Ion:244 Resp: 717022
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.8 11.0 16.4#

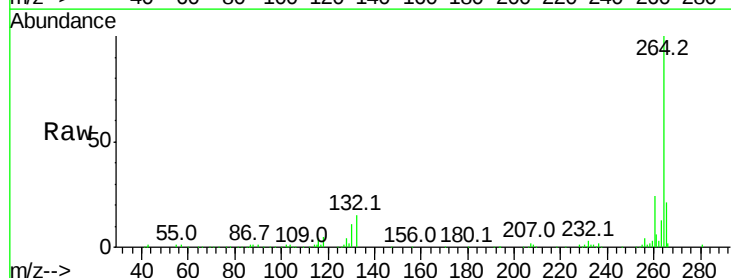


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Tgt Ion:264 Resp: 186538
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 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

