

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106489.D
 Acq On : 15 Jun 2018 14:08
 Operator : JU/SJ
 Sample : PB110238BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BL

Quant Time: Jun 15 23:44:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	121994	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	456576	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	219555	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	441108	20.00	ng	0.00
75) Chrysene-d12	14.15	240	387732	20.00	ng	0.00
86) Perylene-d12	15.70	264	285534	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	835327	115.89	ng	0.00
7) Phenol-d6	6.61	99	1016262	111.60	ng	0.00
23) Nitrobenzene-d5	7.52	82	709323	91.39	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	311607	147.51	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1191901	102.83	ng	0.00
78) Terphenyl-d14	13.09	244	1346208	86.24	ng	0.00

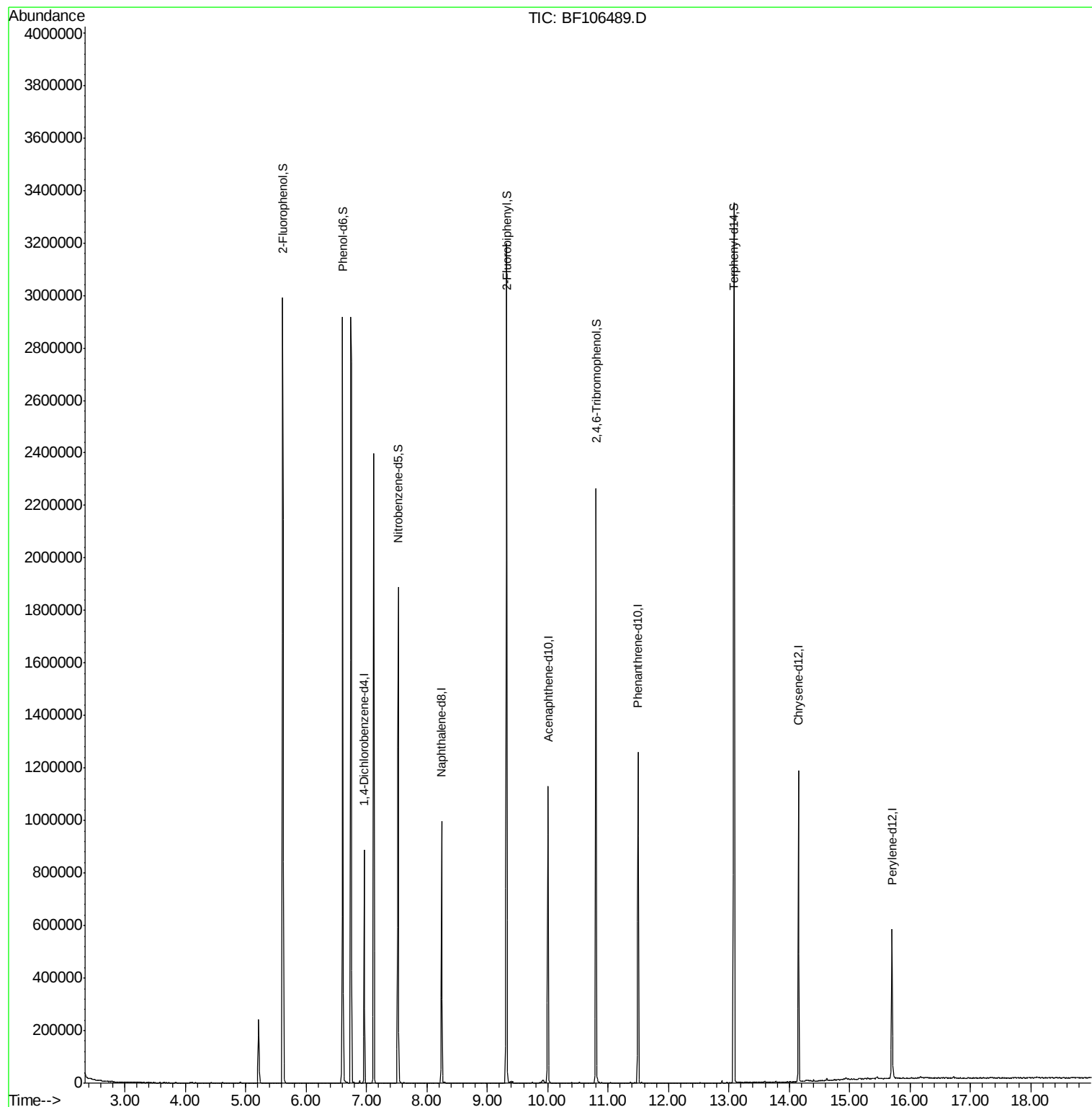
Target Compounds Qvalue

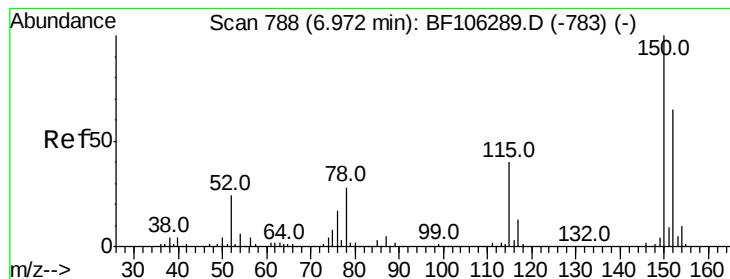
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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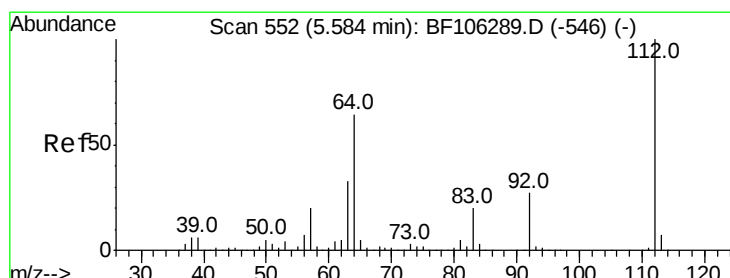
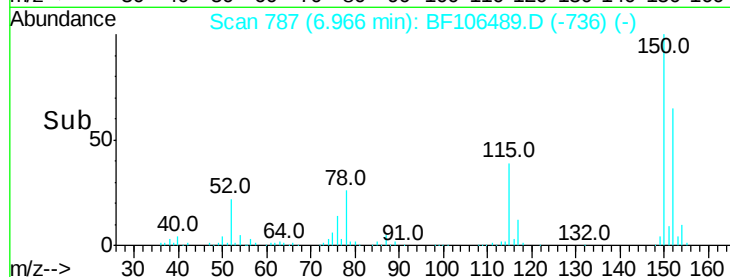
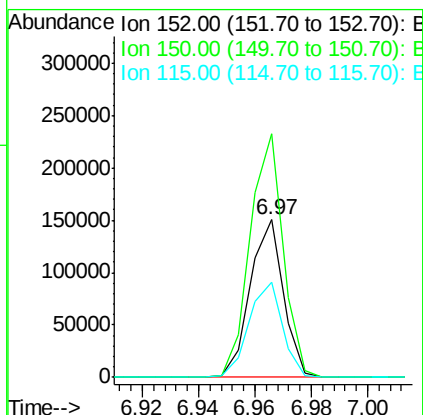
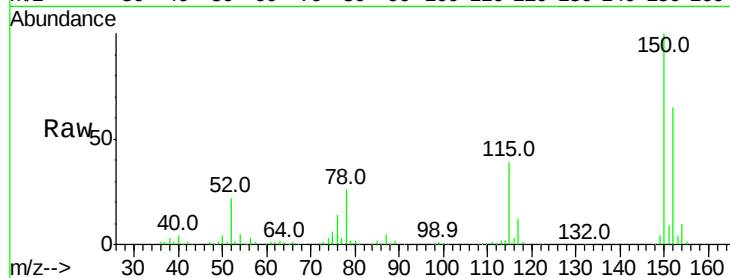


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

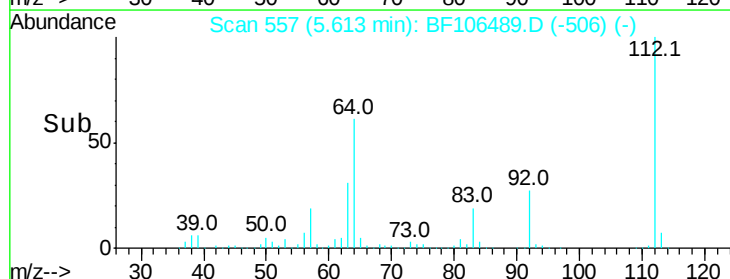
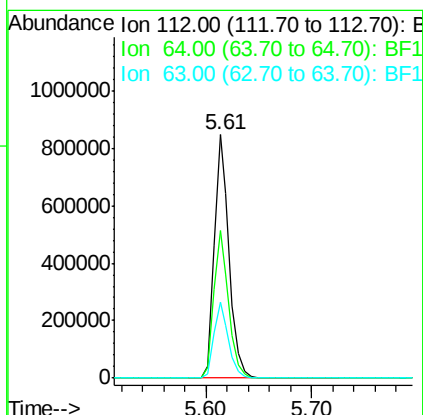
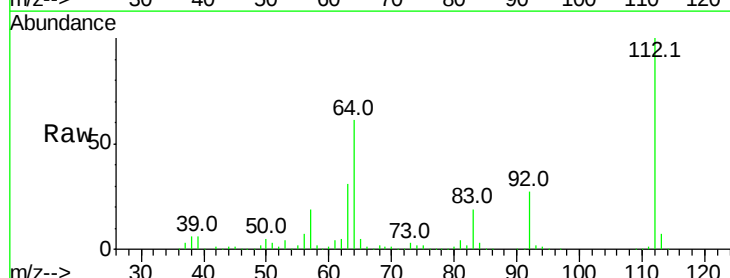
Tot Ion:152 Resp: 121994
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.5 50.1 75.1

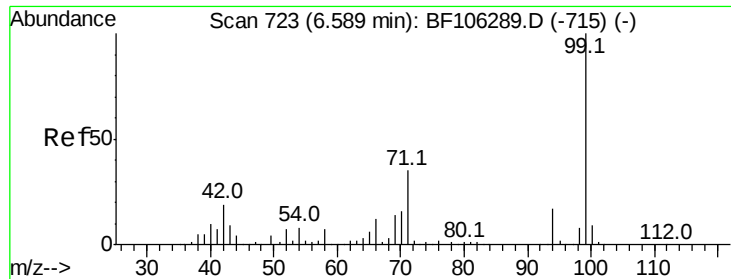


#5

2-Fluorophenol
Concen: 115.890 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:112 Resp: 835327
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 111.597 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

Instrument :

BNA_F

ClientSampleId :

PB110238BL

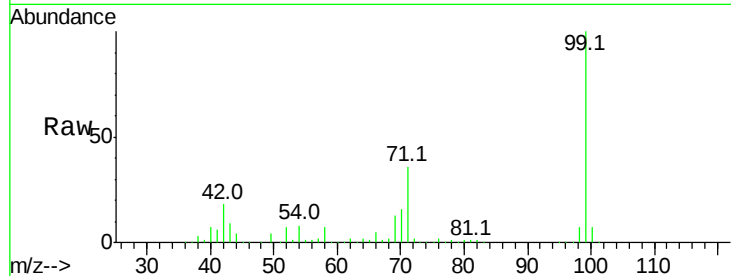
Tot Ion: 99 Resp: 1016262

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

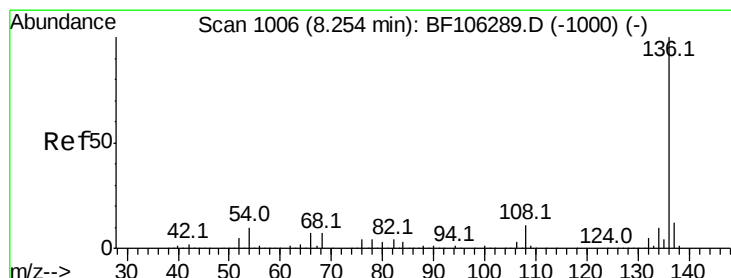
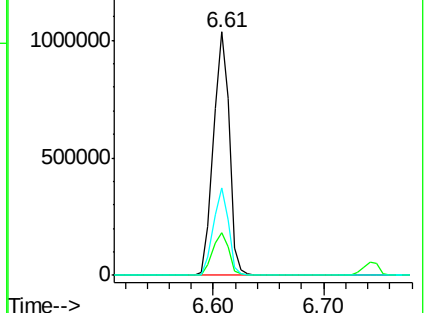
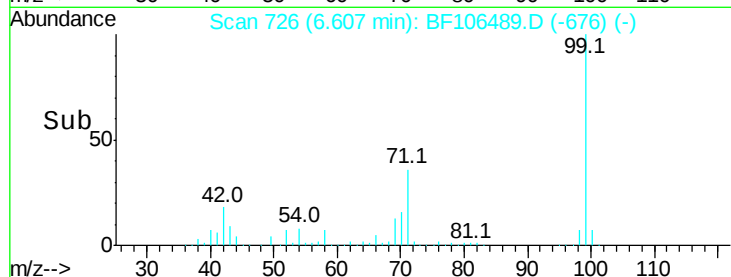
71 35.9 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

Tgt Ion: 136 Resp: 456576

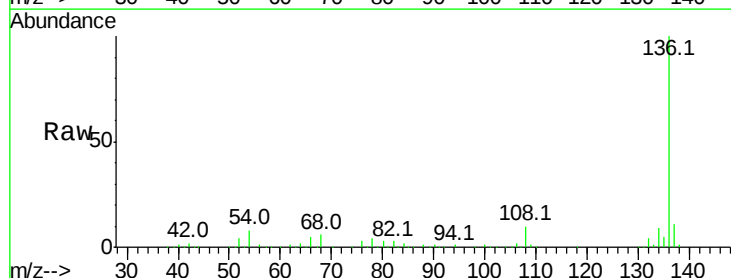
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 6.6 9.8

68 6.1 5.0 7.4

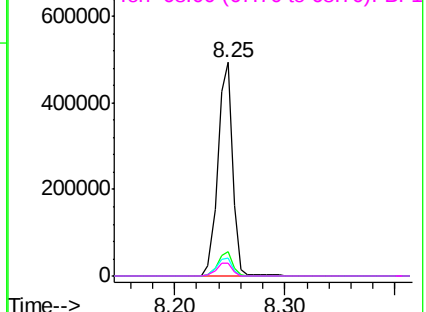
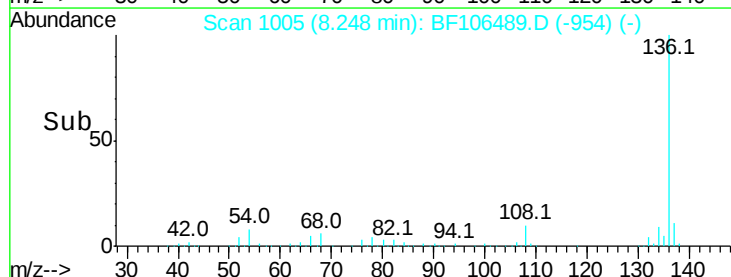


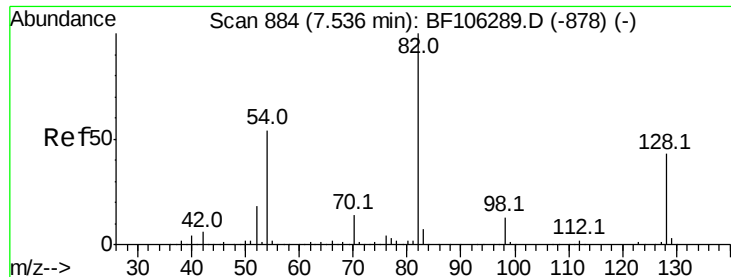
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.394 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

Instrument :

BNA_F

ClientSampleId :

PB110238BL

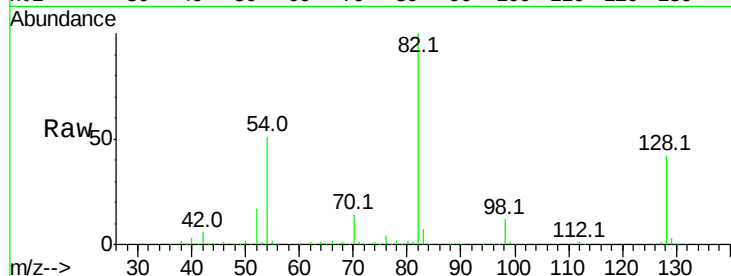
Tot Ion: 82 Resp: 709323

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

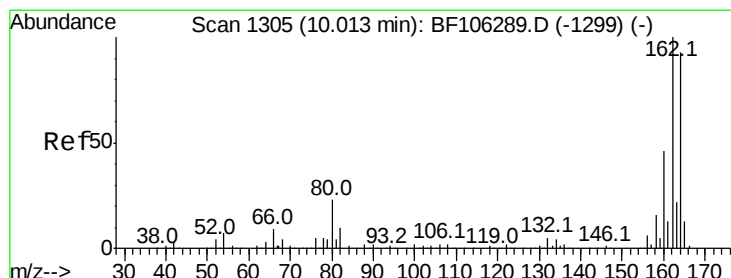
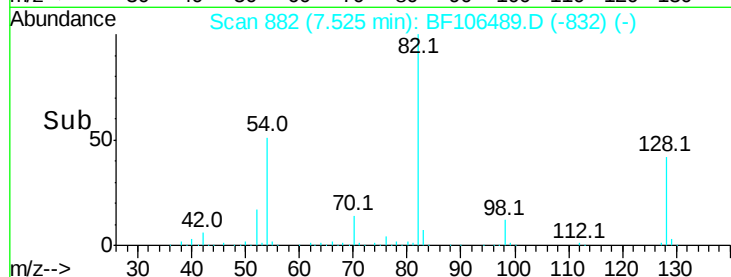
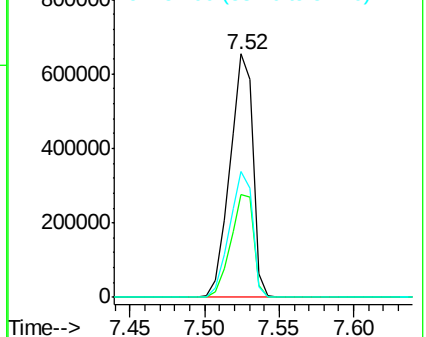
54 51.5 41.4 62.2



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. 0.00 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

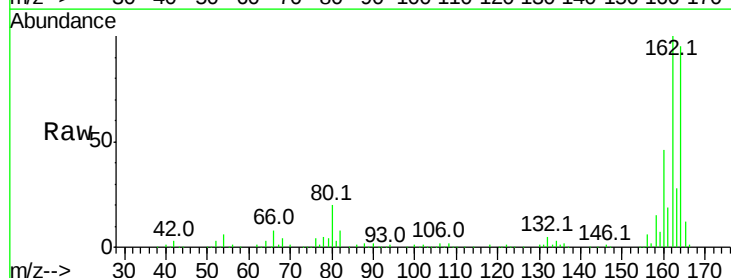
Tgt Ion:164 Resp: 219555

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

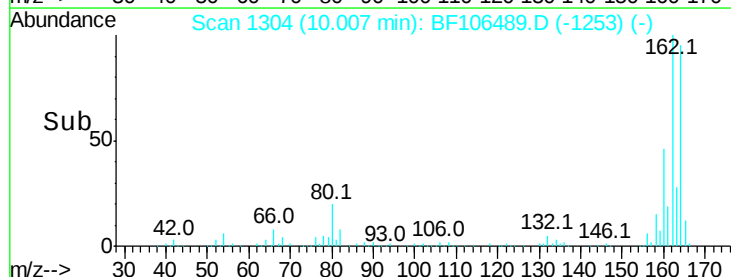
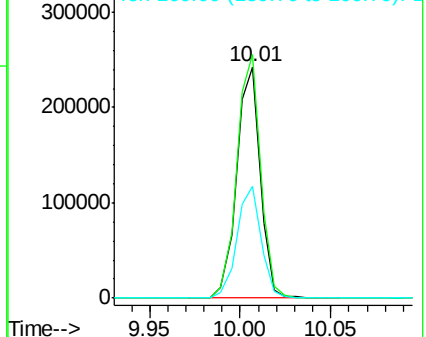
160 48.1 38.3 57.5



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

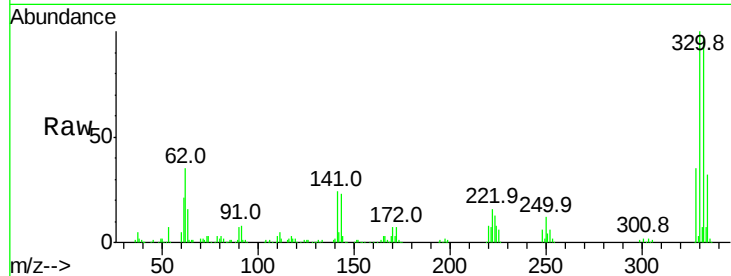




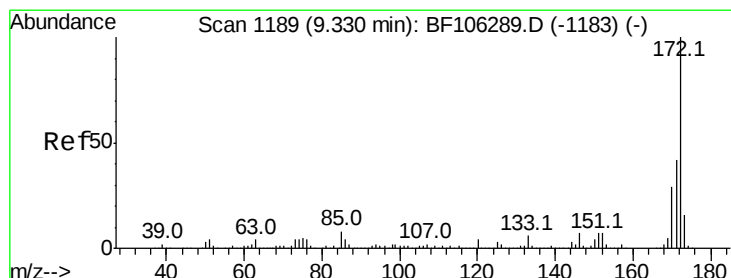
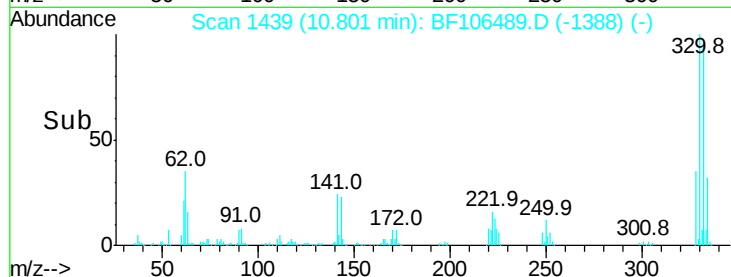
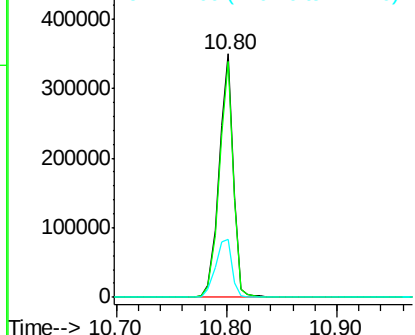
#41
 2,4,6-Tribromophenol
 Concen: 147.506 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106489.D
 Acq: 15 Jun 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.9	29.9	44.9#

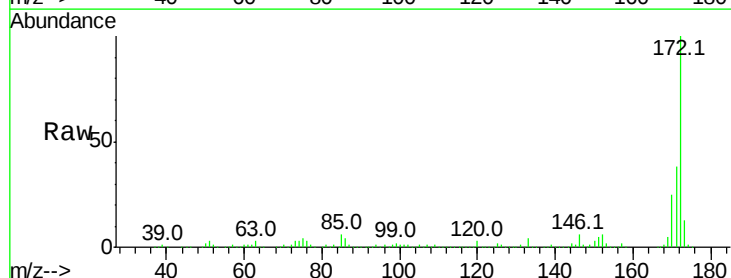


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

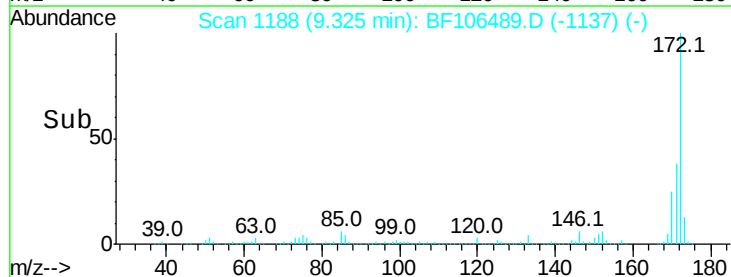
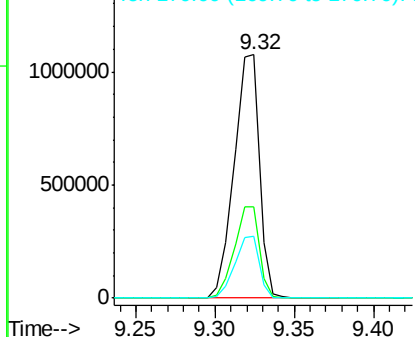


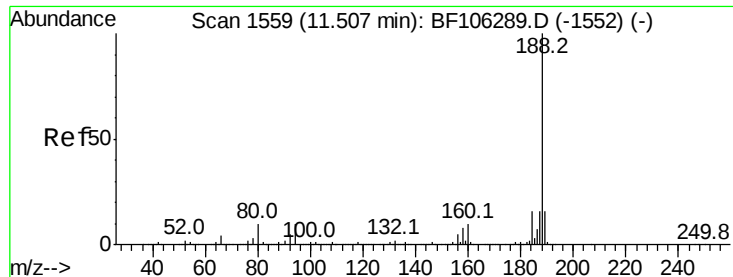
#44
 2-Fluorobiphenyl
 Concen: 102.834 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106489.D
 Acq: 15 Jun 2018 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.4	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

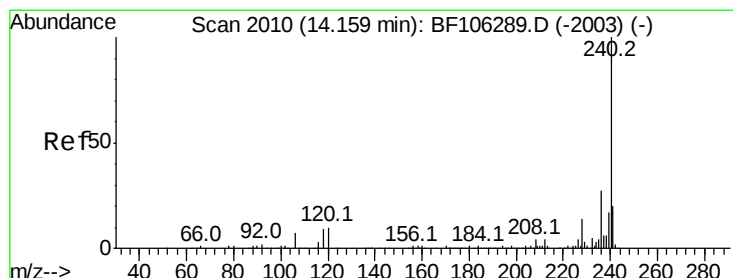
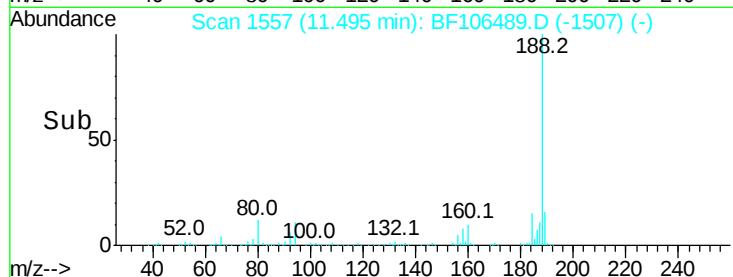
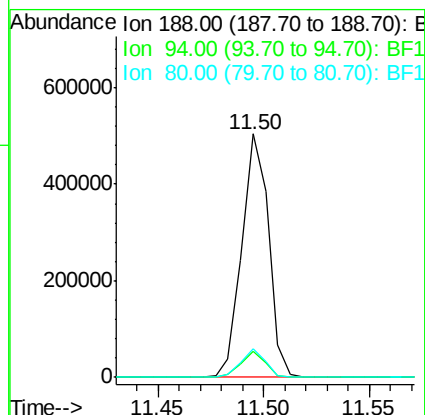
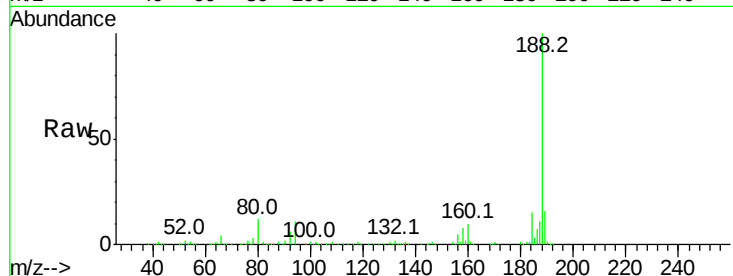




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

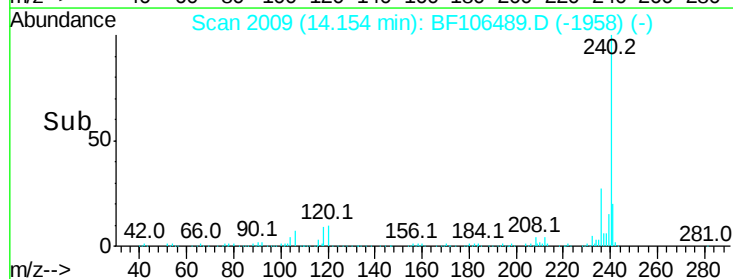
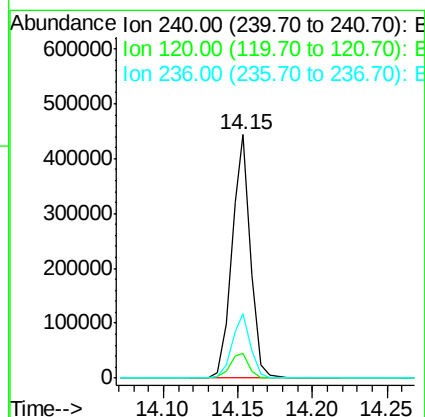
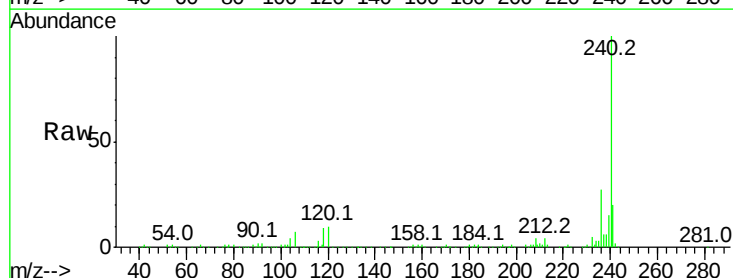
Instrument :
BNA_F
ClientSampleId :
PB110238BL

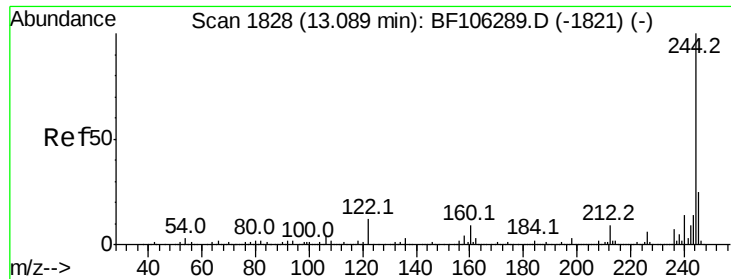
Tot Ion:188 Resp: 441108
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:240 Resp: 387732
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.7 20.7 31.1

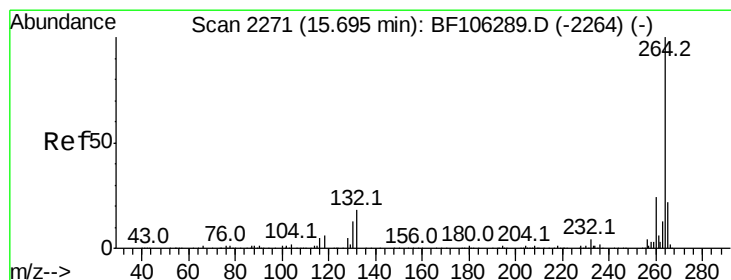
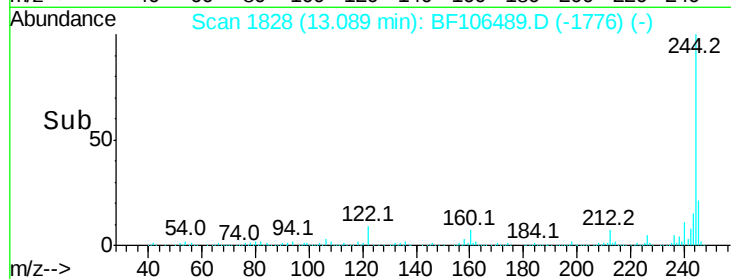
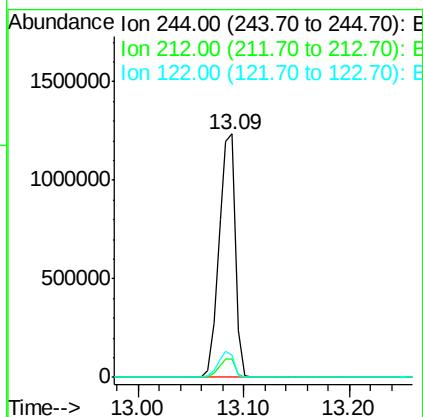
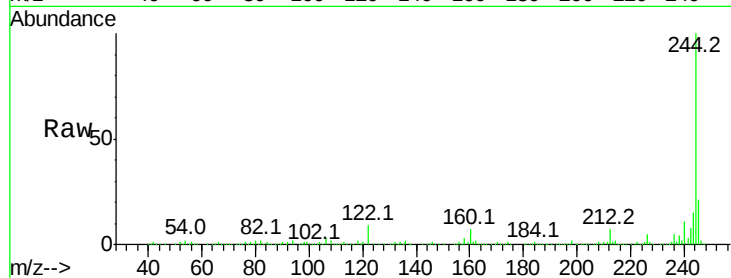




#78
 Terphenyl-d14
 Concen: 86.237 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106489.D
 Acq: 15 Jun 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BL

Tot Ion:244 Resp: 1346208
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF106489.D
 Acq: 15 Jun 2018 14:08

Tgt Ion:264 Resp: 285534
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 17.5 26.3

