

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106911.D
 Acq On : 28 Jun 2018 9:30
 Operator : JU/SJ
 Sample : PB110635BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BL

Quant Time: Jun 28 12:02:43 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	6.95	152	45511	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	163788	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	73333	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	124262	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	125701	20.00	ng	-0.03
86) Perylene-d12	15.68	264	89956	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235882	87.76	ng	0.00
7) Phenol-d6	6.60	99	287968	85.80	ng	-0.02
23) Nitrobenzene-d5	7.52	82	262397	89.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	71606	84.25	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	473090	114.28	ng	-0.01
78) Terphenyl-d14	13.07	244	489825	94.39	ng	-0.01

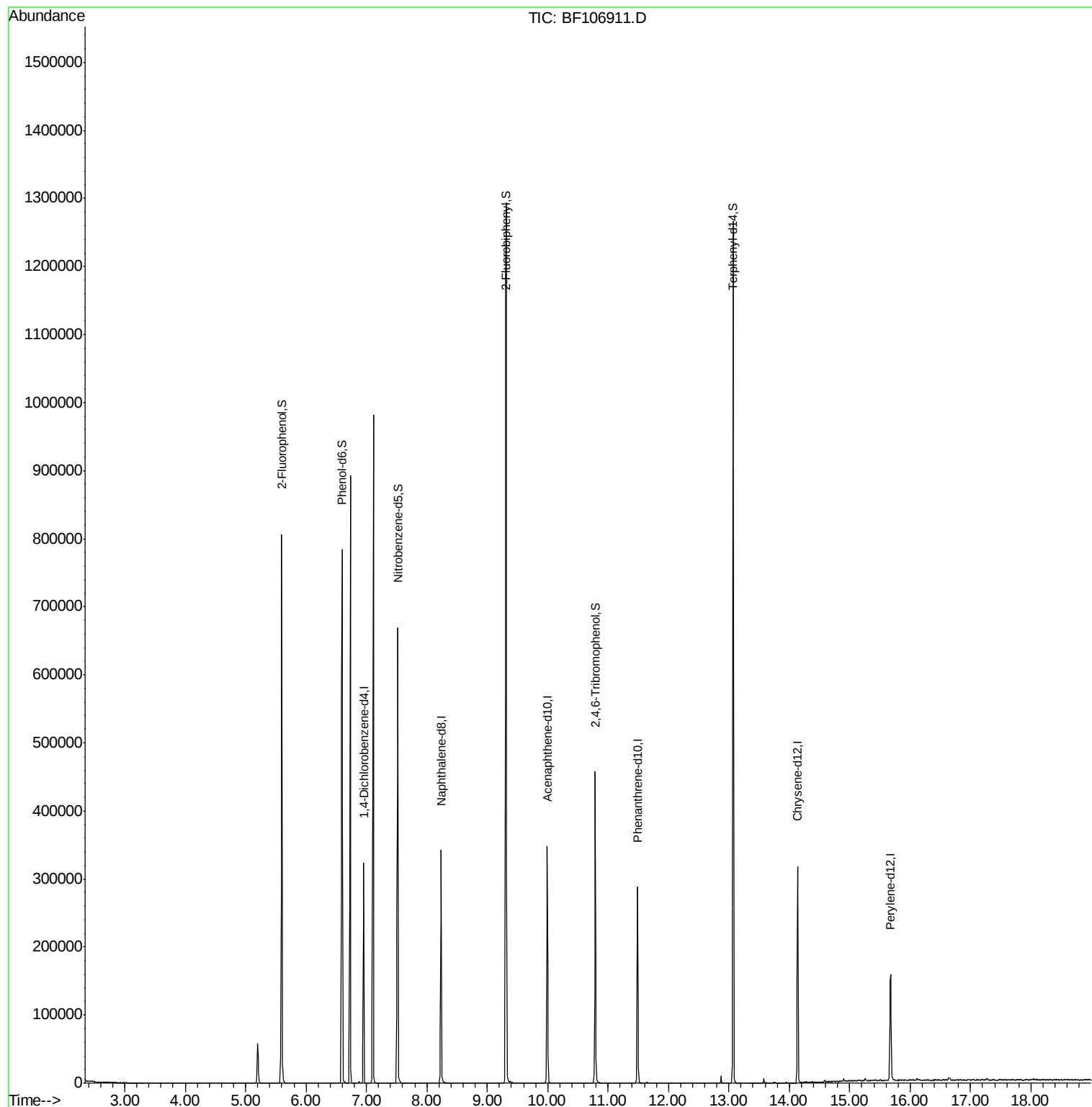
Target Compounds Qvalue

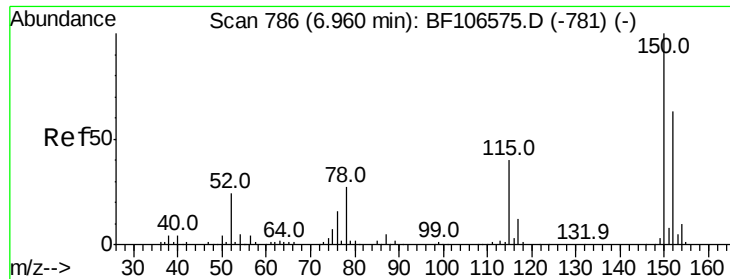
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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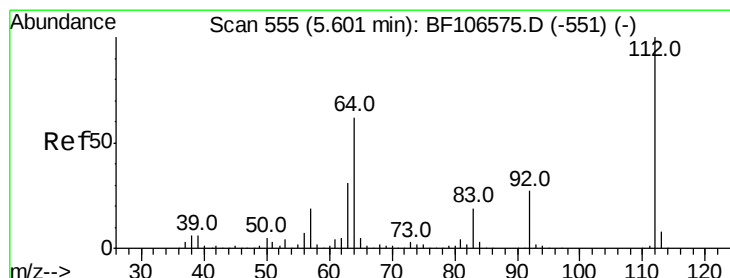
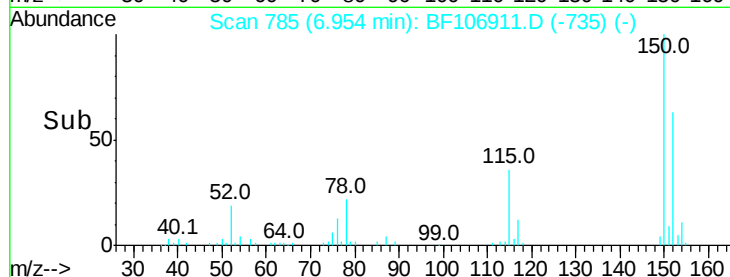
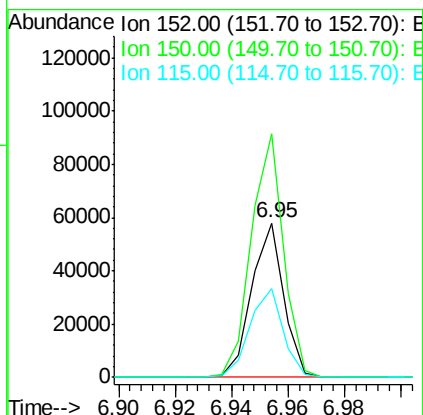
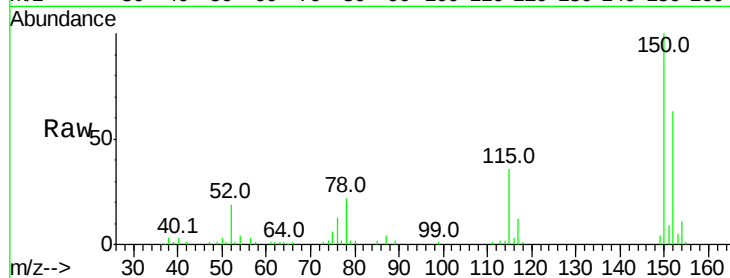


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106911.D
 Acq: 28 Jun 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BL

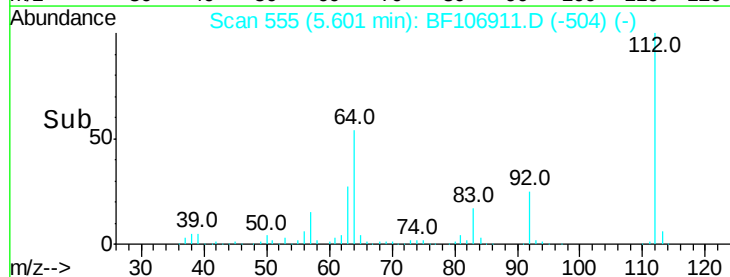
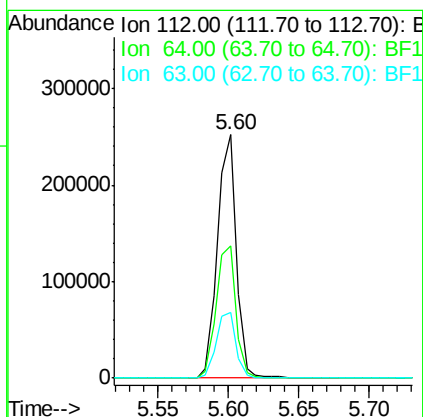
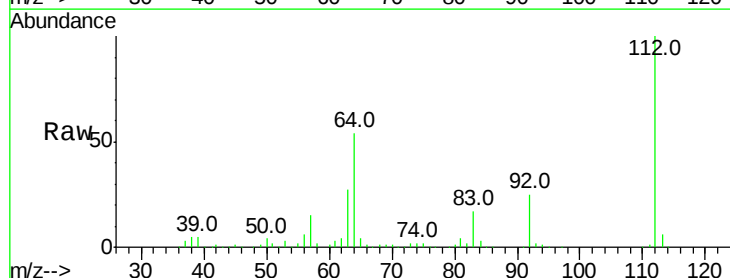
Tot Ion:152 Resp: 45511
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 57.5 50.1 75.1



#5

2-Fluorophenol
 Concen: 87.764 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106911.D
 Acq: 28 Jun 2018 9:30

Tgt Ion:112 Resp: 235882
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.9 71.9
 63 26.8 23.7 35.5





#7

Phenol-d6

Concen: 85.797 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106911.D

Acq: 28 Jun 2018 9:30

Instrument :

BNA_F

ClientSampleId :

PB110635BL

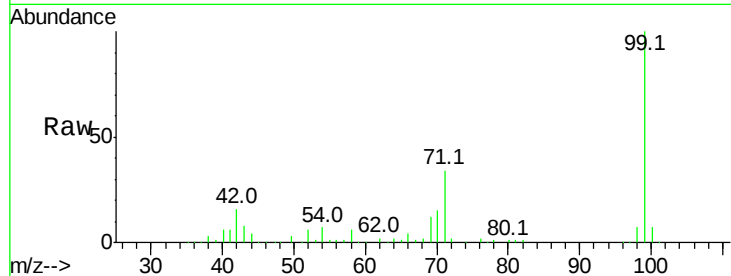
Tot Ion: 99 Resp: 287968

Ion Ratio Lower Upper

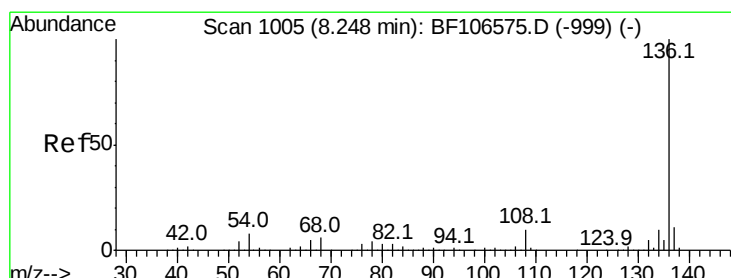
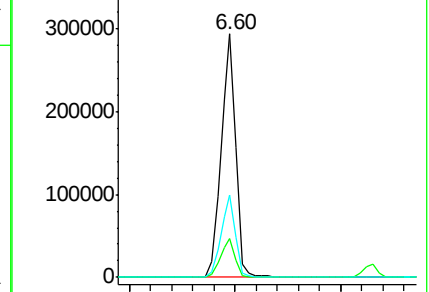
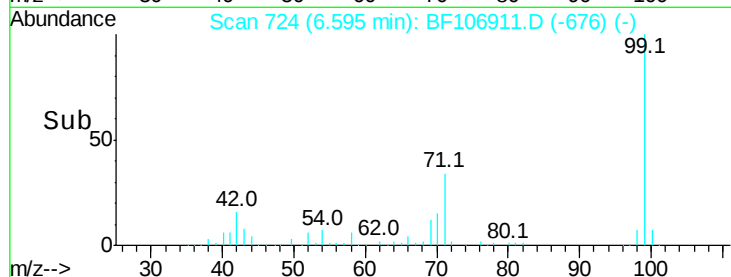
99 100

42 16.0 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106911.D

Acq: 28 Jun 2018 9:30

Tgt Ion: 136 Resp: 163788

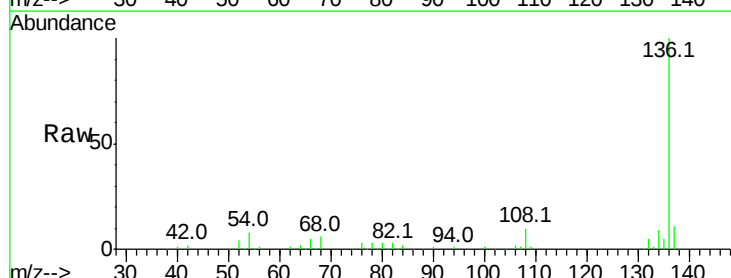
Ion Ratio Lower Upper

136 100

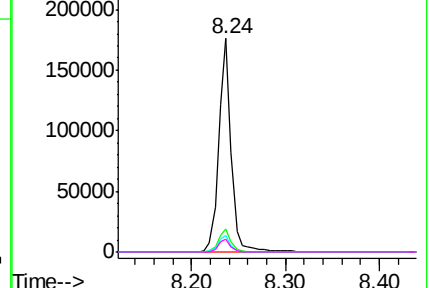
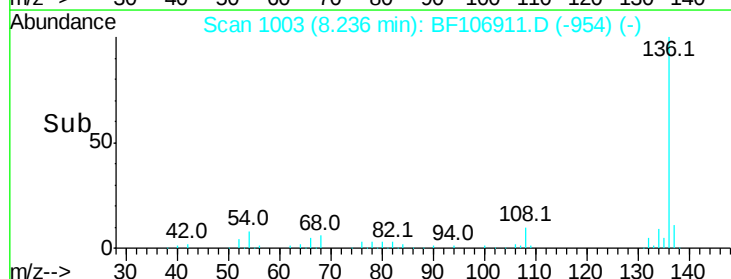
137 10.7 8.9 13.3

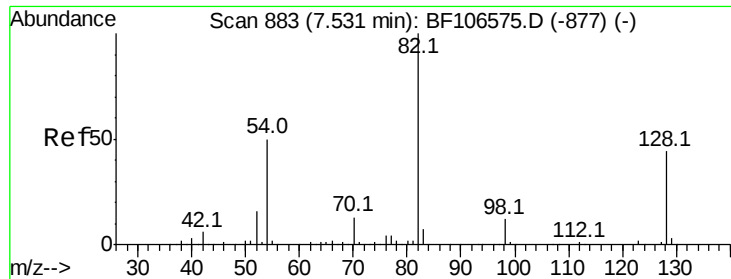
54 7.6 6.6 9.8

68 5.7 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

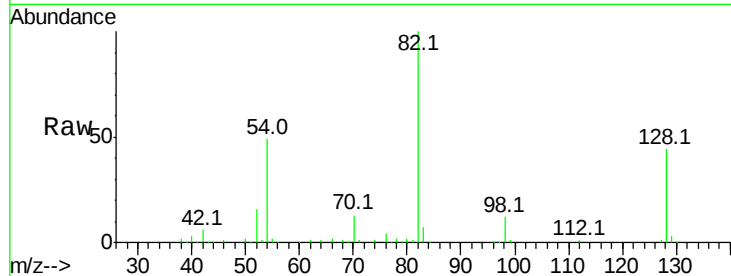




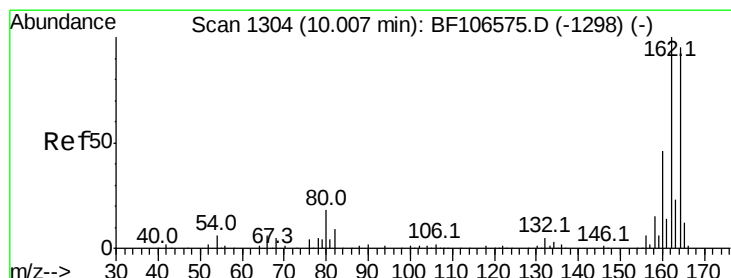
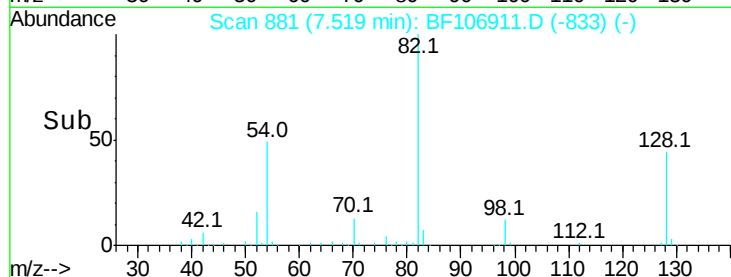
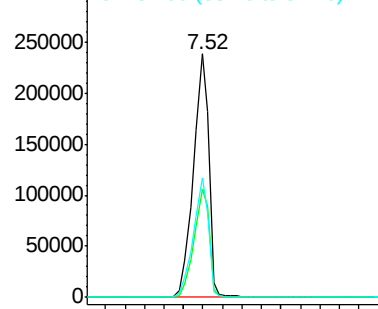
#23
Nitrobenzene-d5
Concen: 89.032 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106911.D
Acq: 28 Jun 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB110635BL

Tot Ion	82	Resp	262397
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	48.9	41.4	62.2

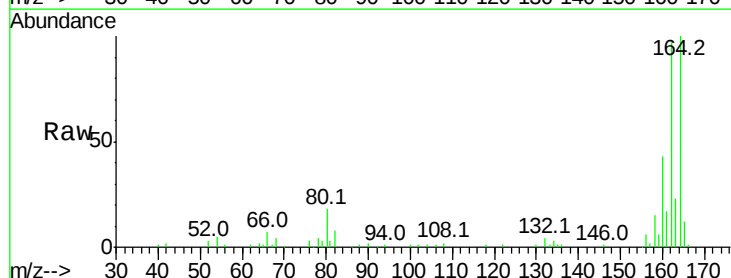


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

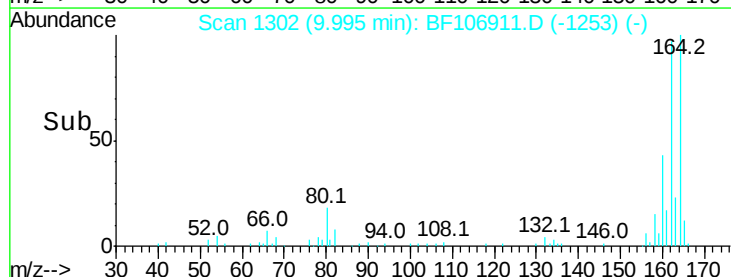
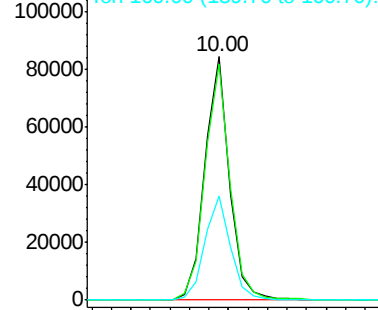


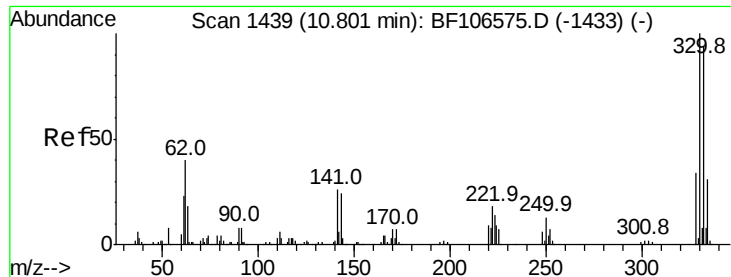
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106911.D
Acq: 28 Jun 2018 9:30

Tgt Ion	164	Resp	73333
Ion	Ratio	Lower	Upper
164	100		
162	96.7	86.1	129.1
160	42.7	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

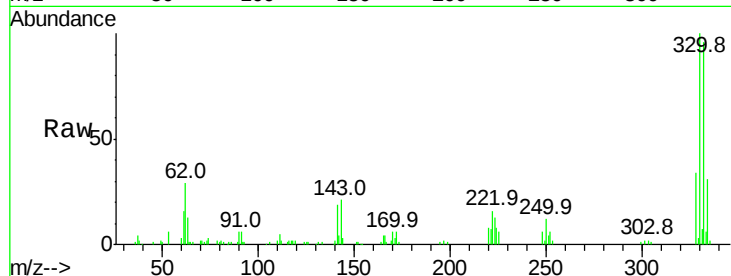




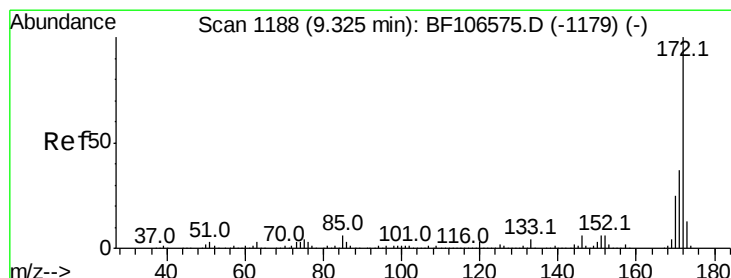
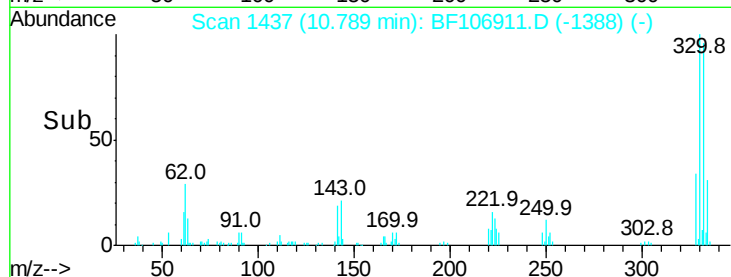
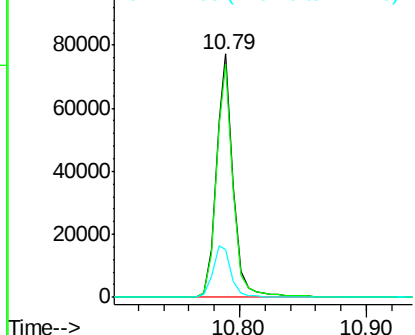
#41
 2,4,6-Tribromophenol
 Concen: 84.247 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106911.D
 Acq: 28 Jun 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BL

Tot Ion:330 Resp: 71606
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 23.0 29.9 44.9#

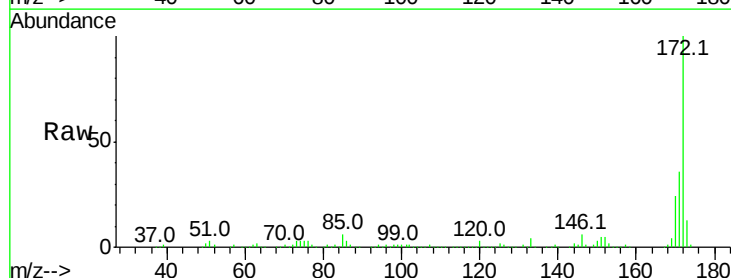


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

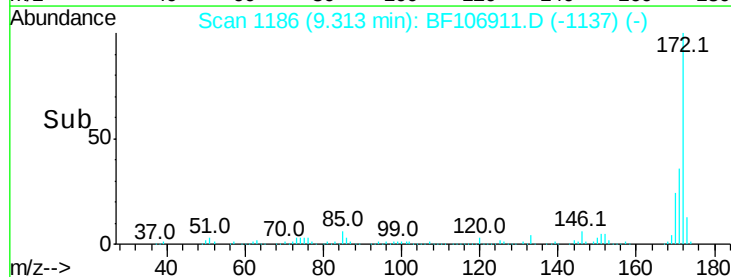
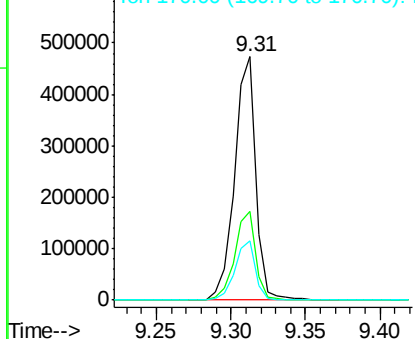


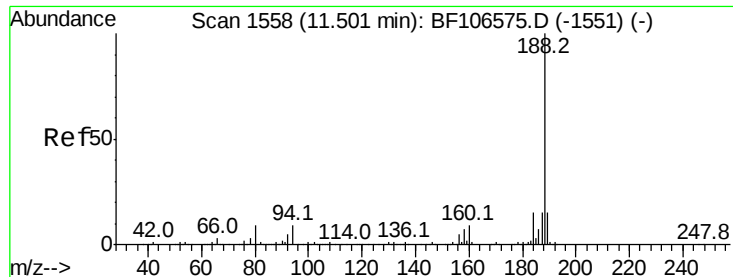
#44
 2-Fluorobiphenyl
 Concen: 114.276 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106911.D
 Acq: 28 Jun 2018 9:30

Tgt Ion:172 Resp: 473090
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 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

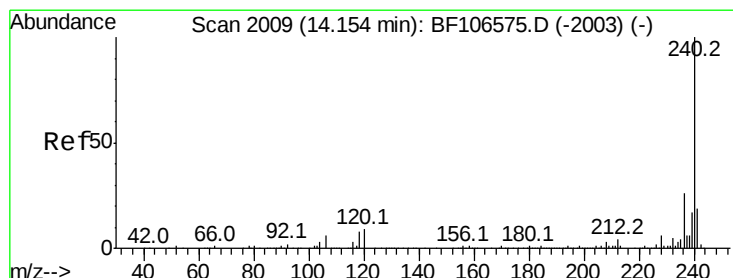
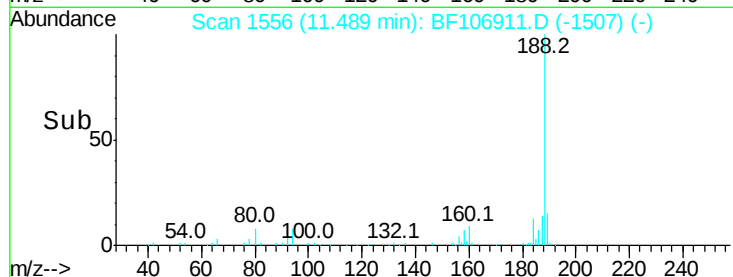
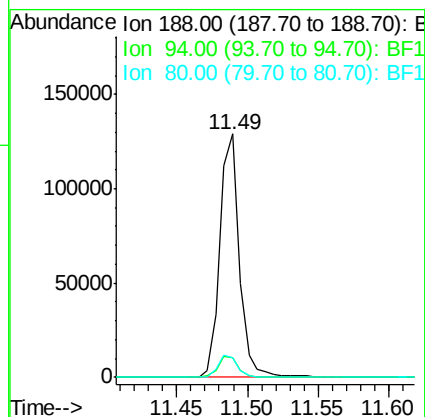
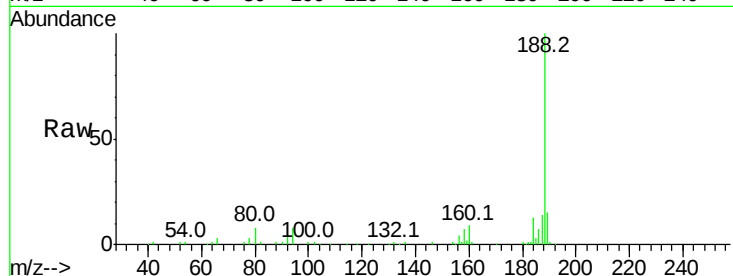




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106911.D
 Acq: 28 Jun 2018 9:30

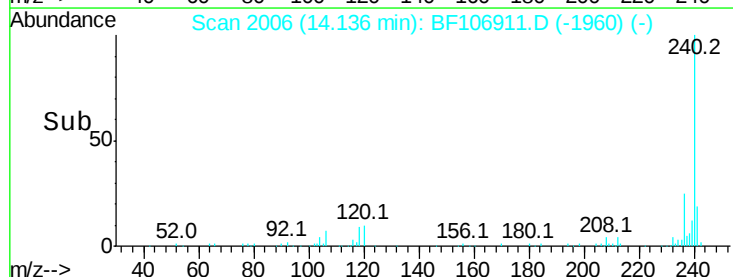
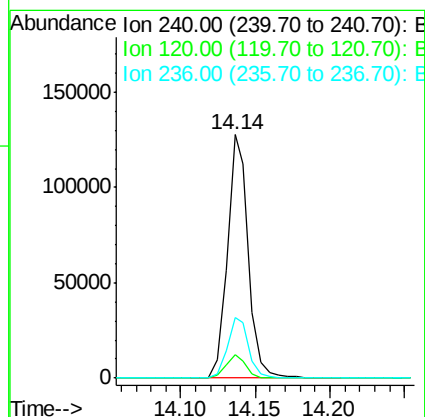
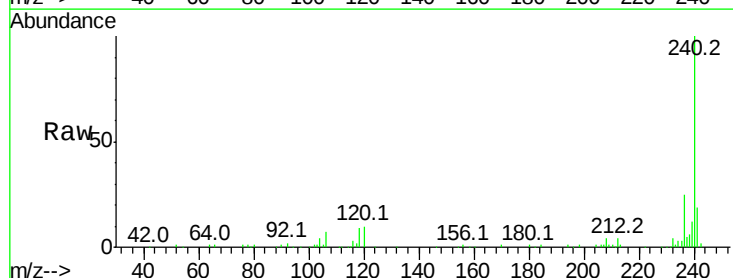
Instrument :
 BNA_F
 ClientSampleId :
 PB110635BL

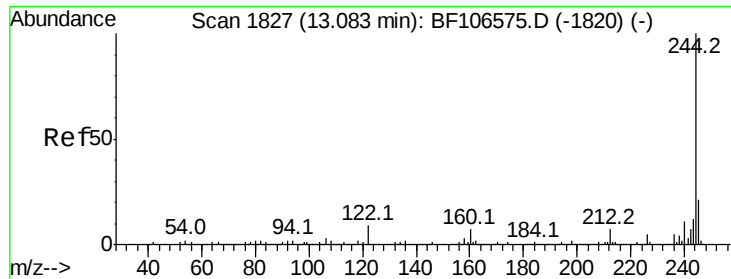
Tot Ion:188 Resp: 124262
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 8.0 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF106911.D
 Acq: 28 Jun 2018 9:30

Tgt Ion:240 Resp: 125701
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 94.391 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106911.D

Acq: 28 Jun 2018 9:30

Instrument :

BNA_F

ClientSampleId :

PB110635BL

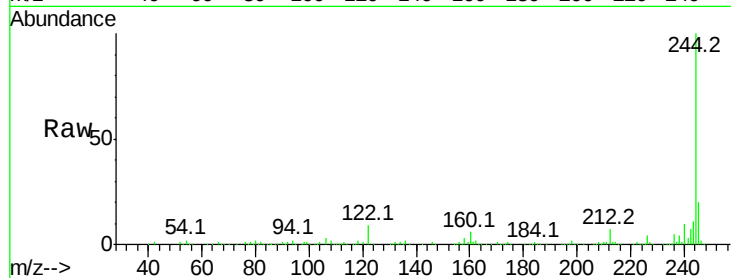
Tot Ion:244 Resp: 489825

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

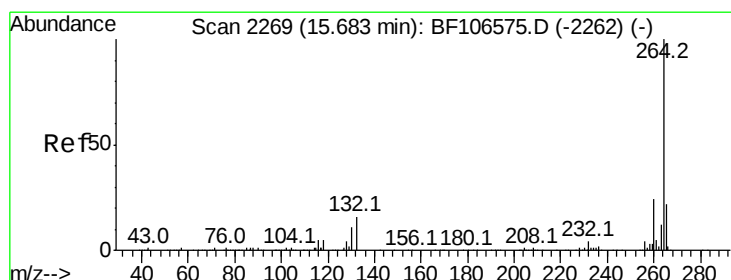
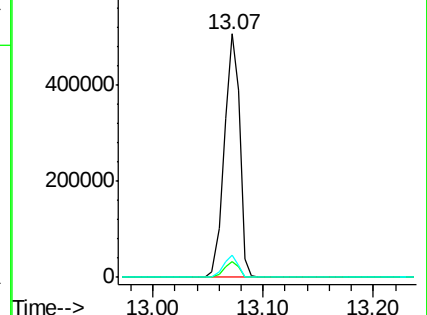
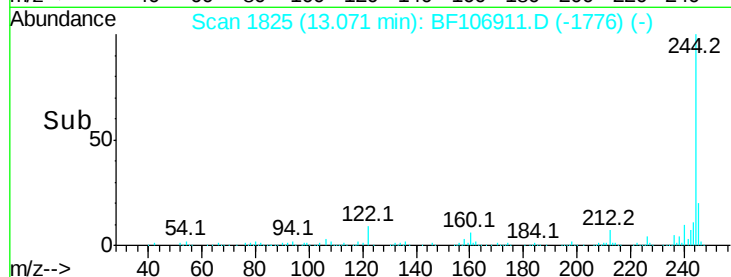
122 9.0 11.0 16.4#



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. -0.04 min

Lab File: BF106911.D

Acq: 28 Jun 2018 9:30

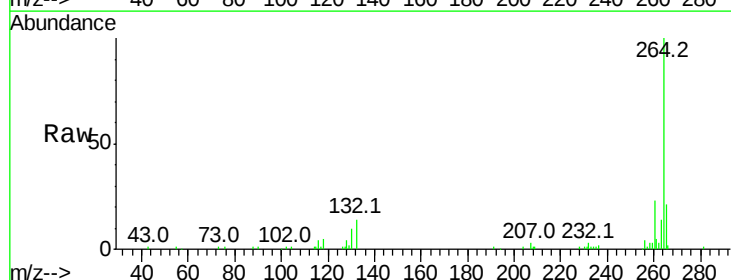
Tgt Ion:264 Resp: 89956

Ion Ratio Lower Upper

264 100

260 23.1 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

