

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109873.D
 Acq On : 13 Oct 2018 9:37
 Operator : JU/SJ
 Sample : PB113699BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BL

Quant Time: Oct 15 01:49:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	92789	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	376078	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	163119	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	261737	20.00	ng	0.00
75) Chrysene-d12	13.83	240	193707	20.00	ng	0.00
86) Perylene-d12	15.23	264	147352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	453446	86.74	ng	0.00
7) Phenol-d6	6.34	99	628802	90.04	ng	-0.02
23) Nitrobenzene-d5	7.26	82	600273	87.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	116480	65.54	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1062724	89.73	ng	0.00
78) Terphenyl-d14	12.78	244	740651	74.02	ng	0.00

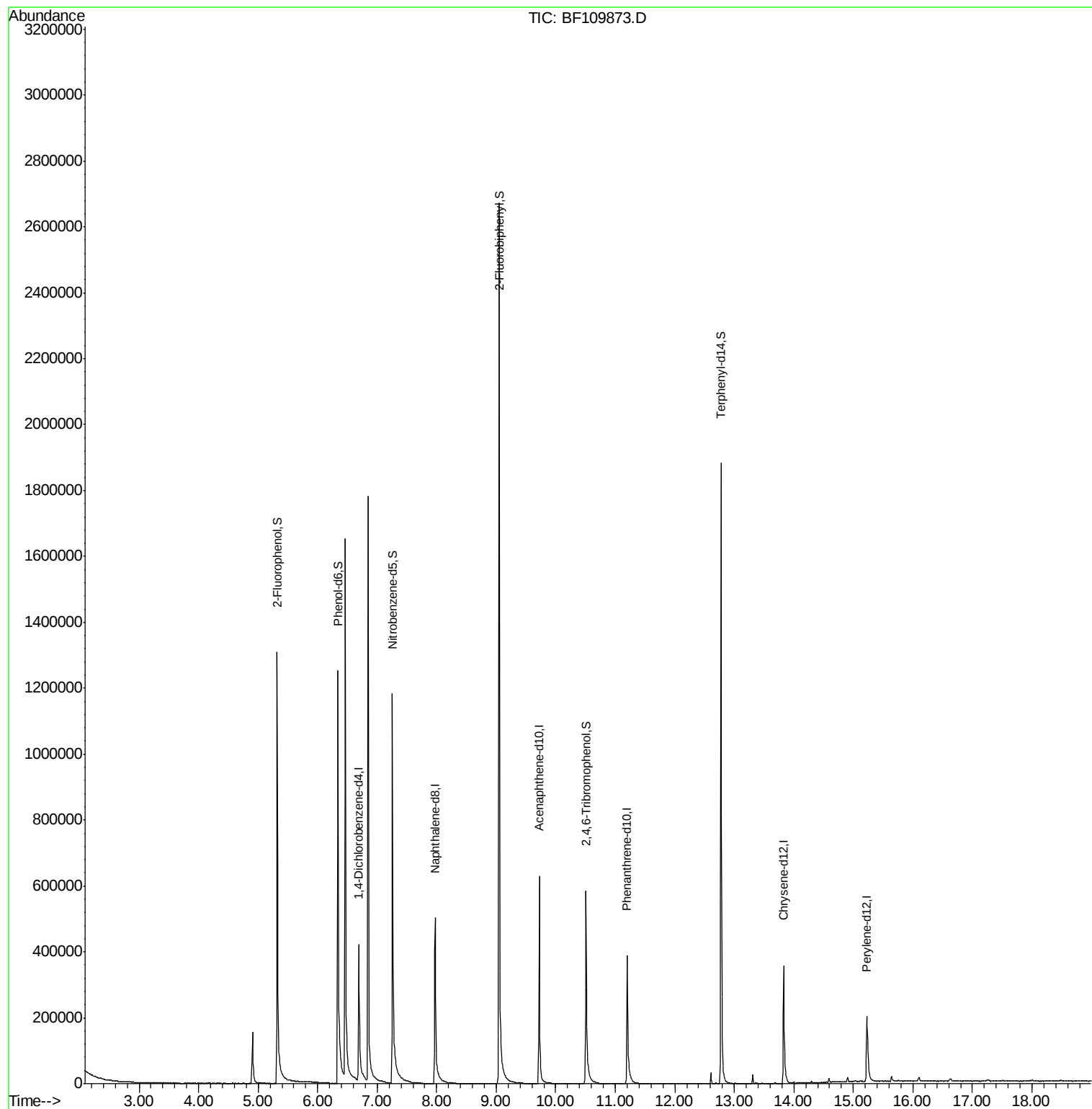
Target Compounds Qvalue

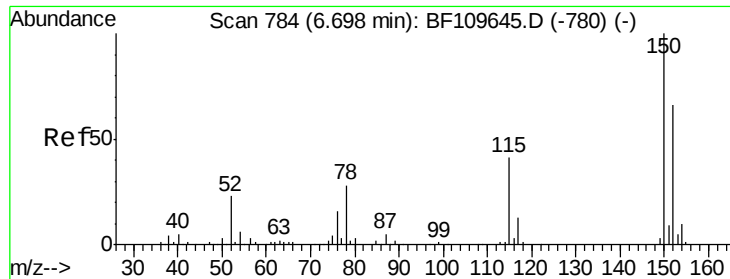
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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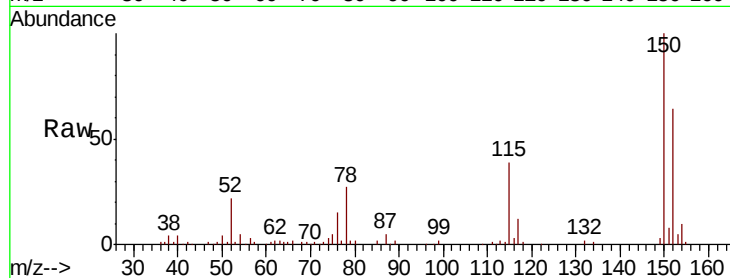


#1

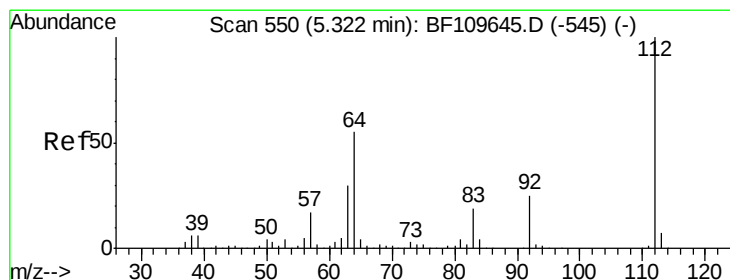
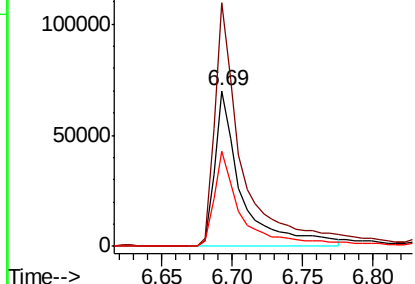
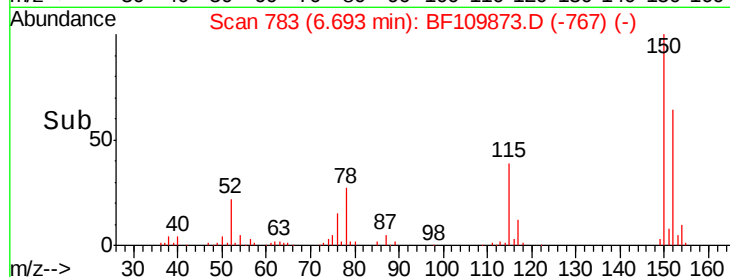
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Instrument :
 BNA_F
 ClientSampled :
 PB113699BL

Tot Ion:152 Resp: 92789
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.7 184.1
 115 61.1 49.1 73.7



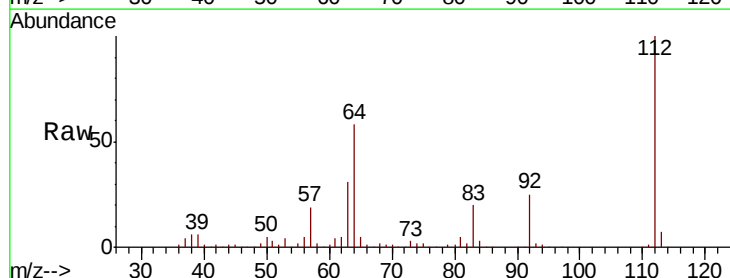
Abundance Ion 152.00 (151.70 to 152.70): E
 150000 Ion 150.00 (149.70 to 150.70): E
 100000 Ion 115.00 (114.70 to 115.70): E



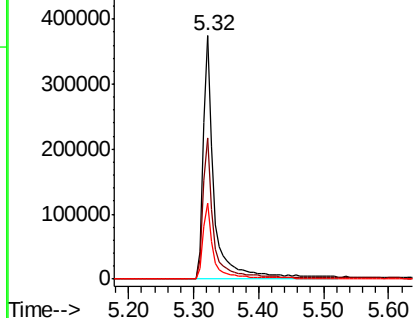
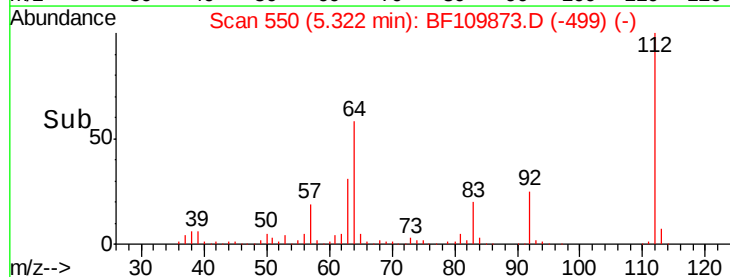
#5

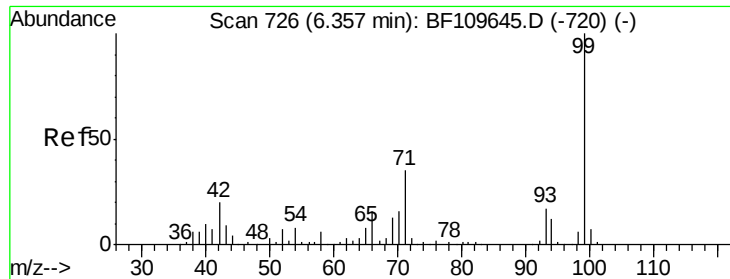
2-Fluorophenol
 Concen: 86.743 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Tgt Ion:112 Resp: 453446
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.1 66.1
 63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 500000 Ion 64.00 (63.70 to 64.70): BF1
 400000 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.044 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109873.D

Acq: 13 Oct 2018 9:37

Instrument :

BNA_F

ClientSampleId :

PB113699BL

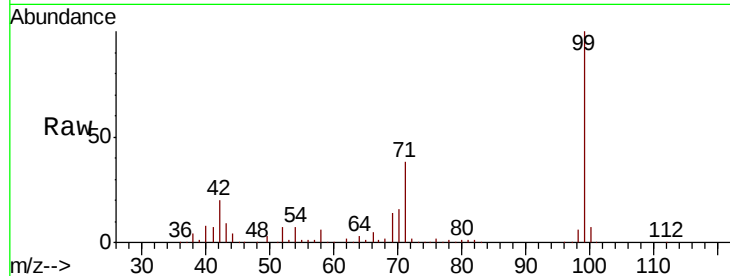
Tot Ion: 99 Resp: 628802

Ion Ratio Lower Upper

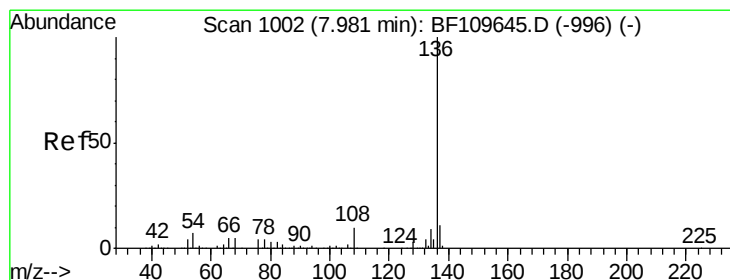
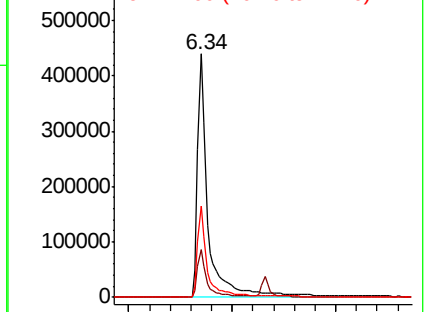
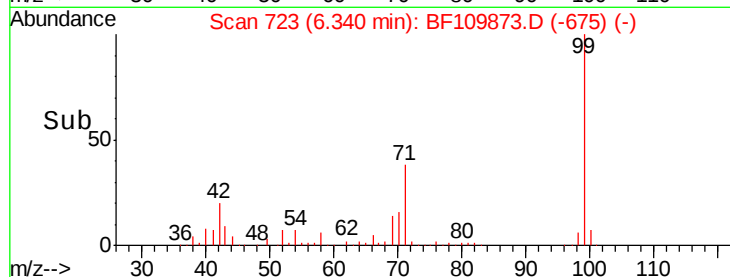
99 100

42 19.8 15.8 23.6

71 37.6 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109873.D

Acq: 13 Oct 2018 9:37

Tgt Ion: 136 Resp: 376078

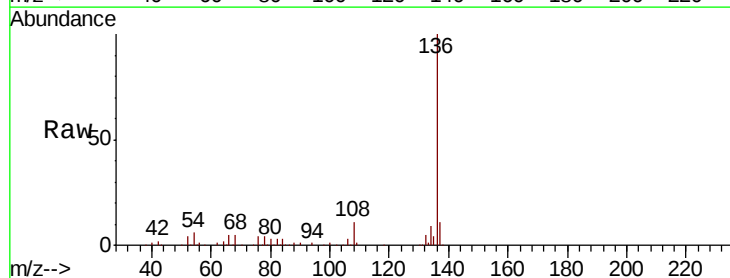
Ion Ratio Lower Upper

136 100

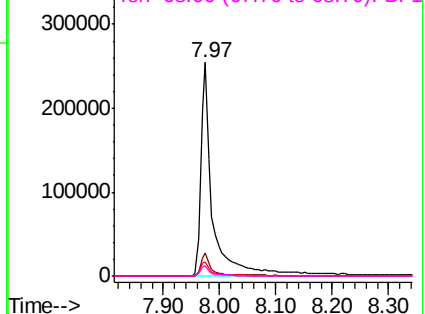
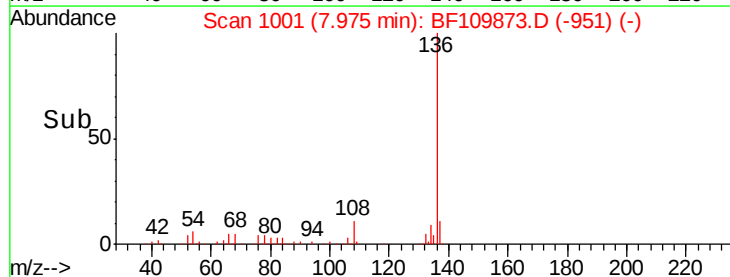
137 10.9 8.8 13.2

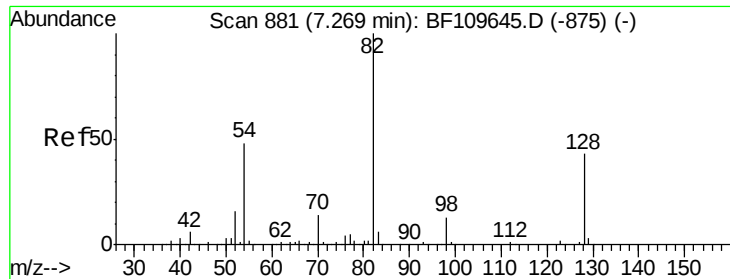
54 6.5 5.4 8.2

68 4.8 4.2 6.2



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

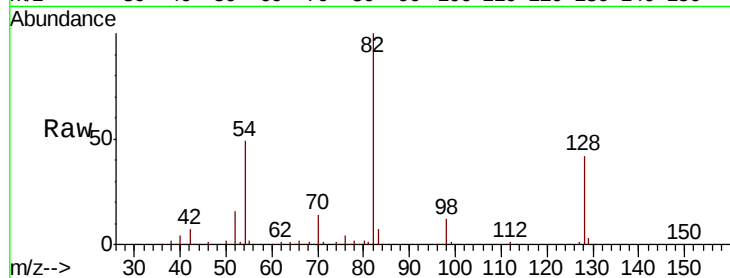




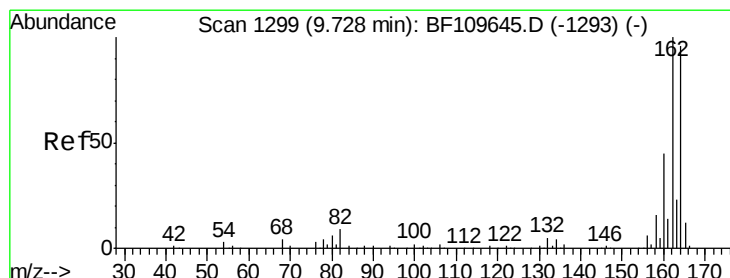
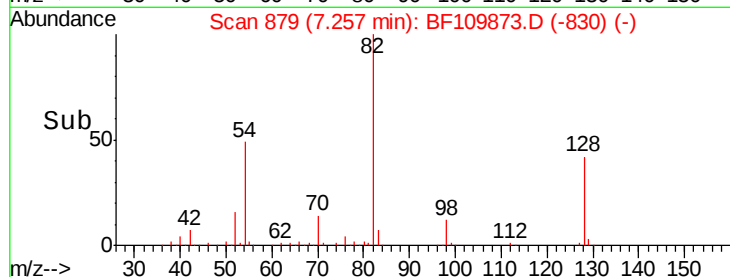
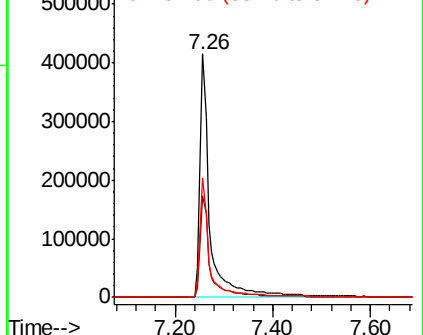
#23
 Nitrobenzene-d5
 Concen: 87.985 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Instrument :
 BNA_F
 ClientSampled :
 PB113699BL

Tot Ion	82	Resp	600273
Ion Ratio	Lower	Upper	
82	100		
128	41.7	34.2	51.2
54	49.0	38.6	58.0

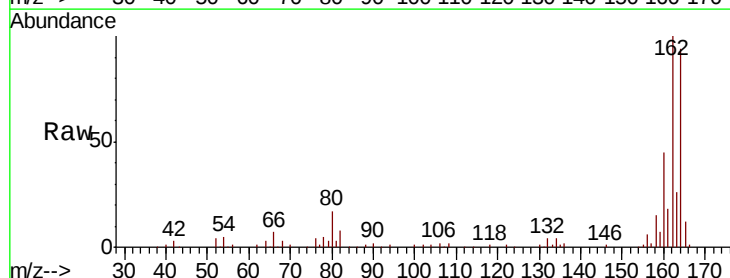


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

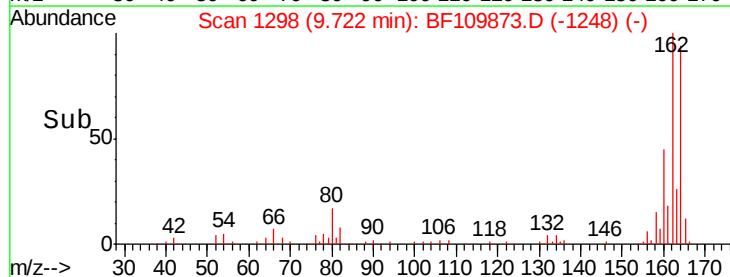
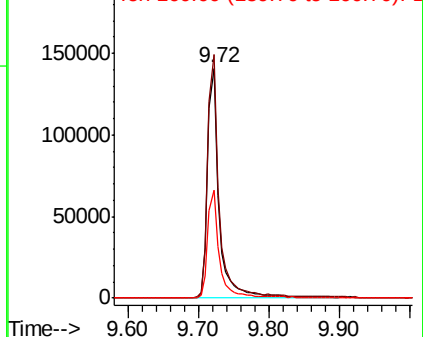


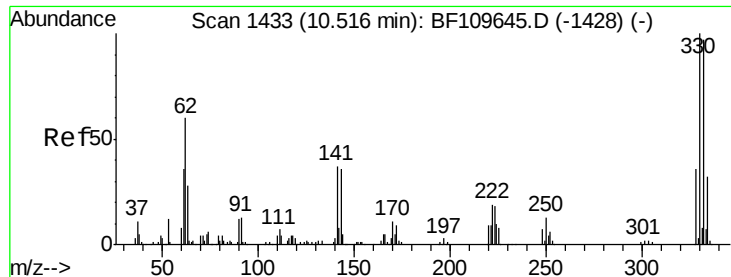
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Tgt Ion	164	Resp	163119
Ion Ratio	Lower	Upper	
164	100		
162	105.9	83.0	124.6
160	47.2	37.0	55.6



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

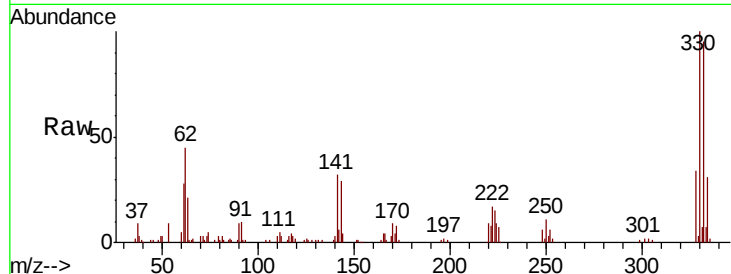




#41
 2,4,6-Tribromophenol
 Concen: 65.535 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	35.0	27.0	40.4

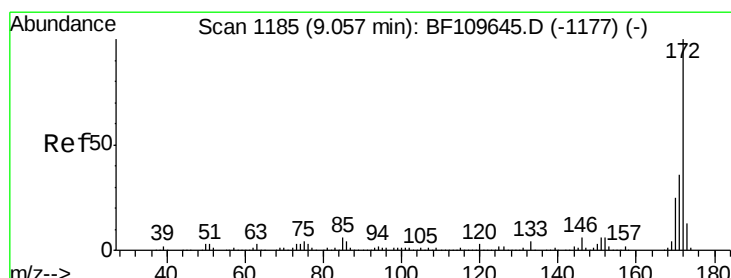
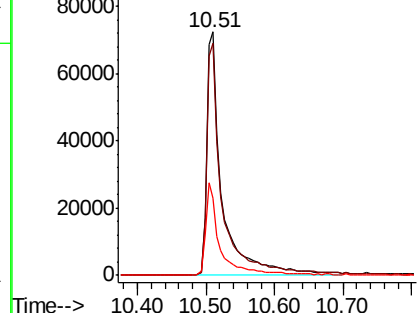
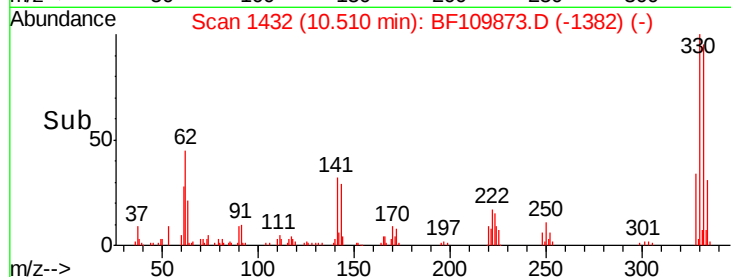


Abundance

Ion 329.80 (329.50 to 330.50): E

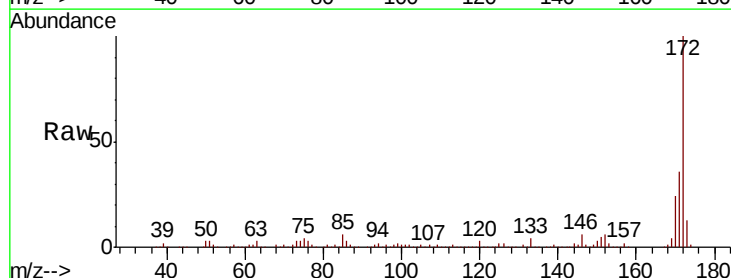
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.728 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.7	29.5

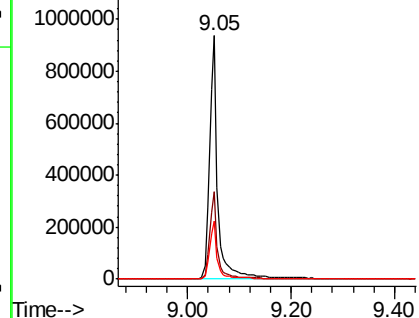
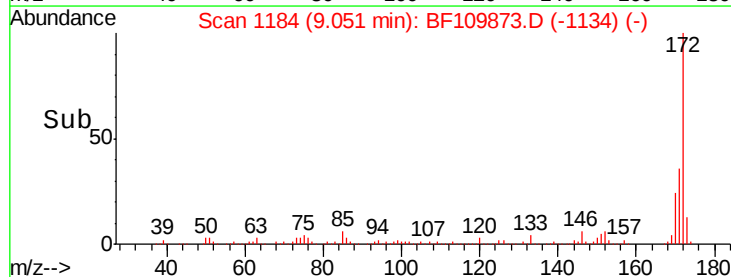


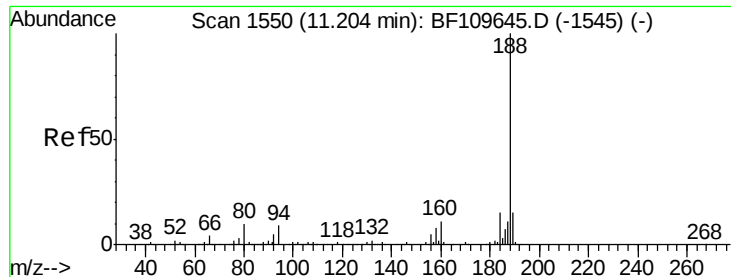
Abundance

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

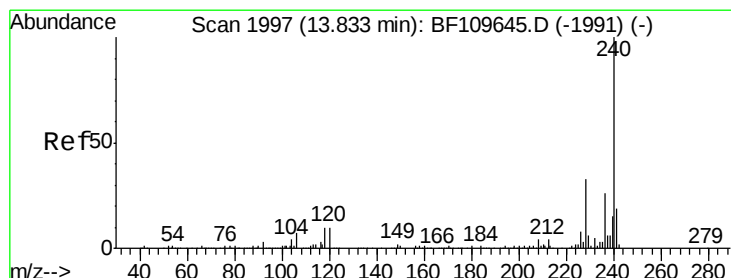
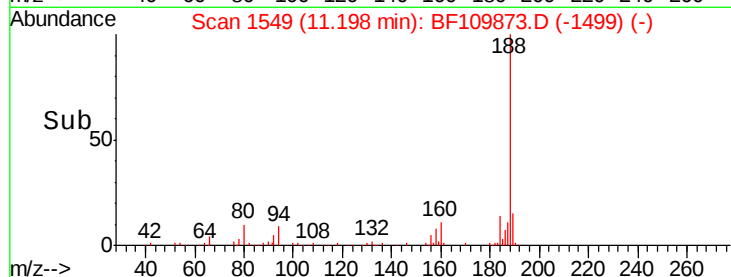
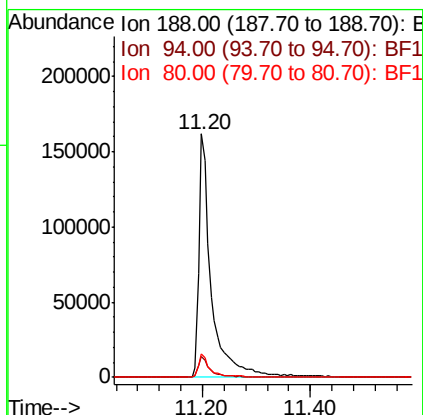
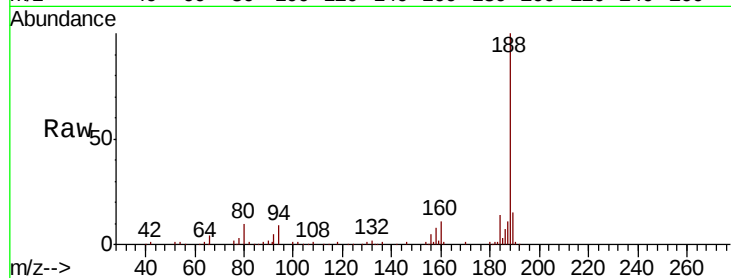




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109873.D
Acq: 13 Oct 2018 9:37

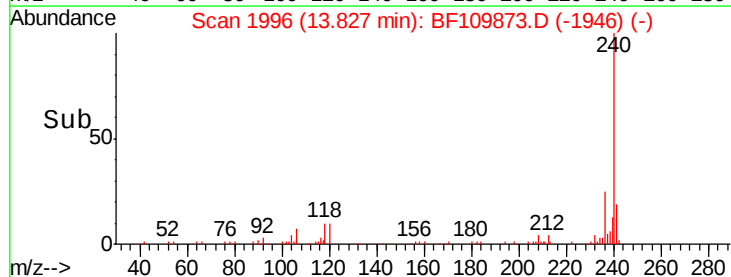
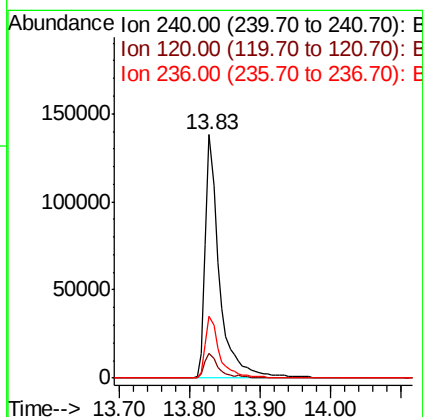
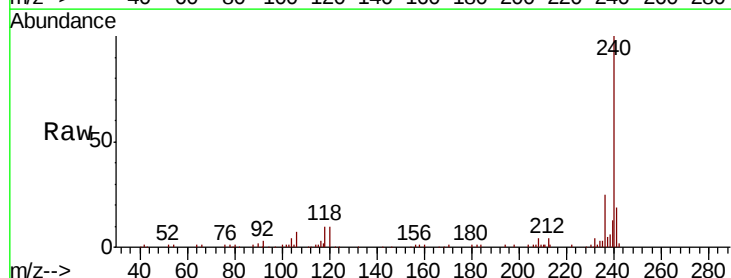
Instrument :
BNA_F
ClientSampleId :
PB113699BL

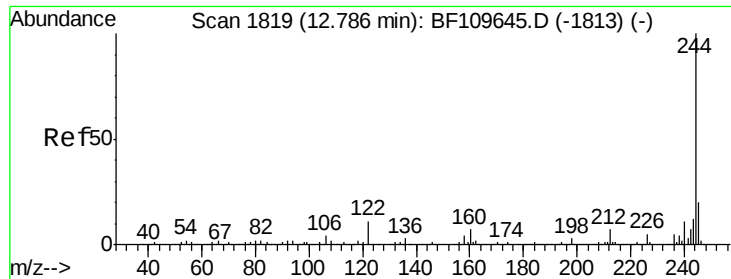
Tot Ion:188 Resp: 261737
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.8 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109873.D
Acq: 13 Oct 2018 9:37

Tgt Ion:240 Resp: 193707
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 25.2 21.2 31.8

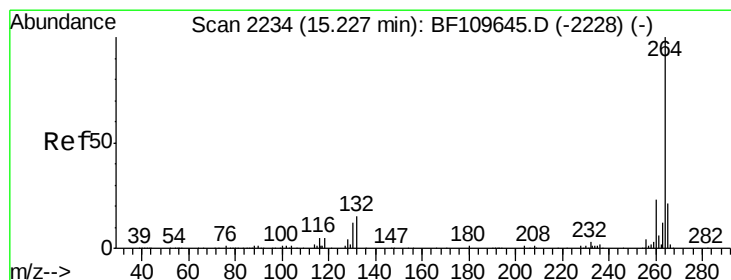
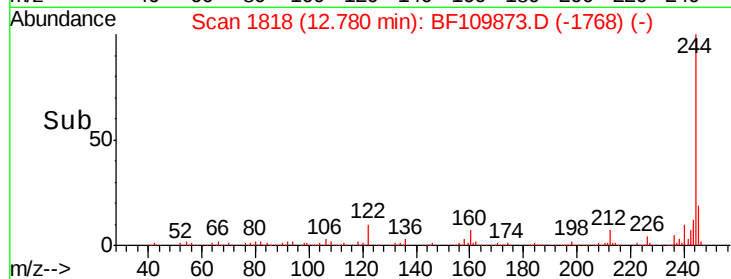
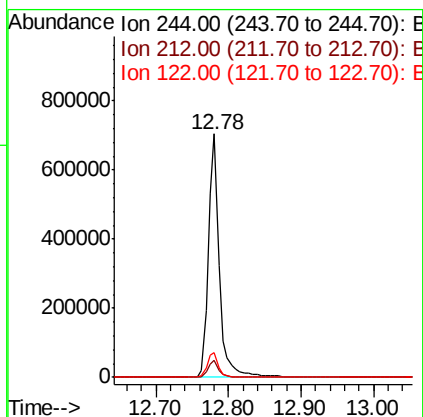
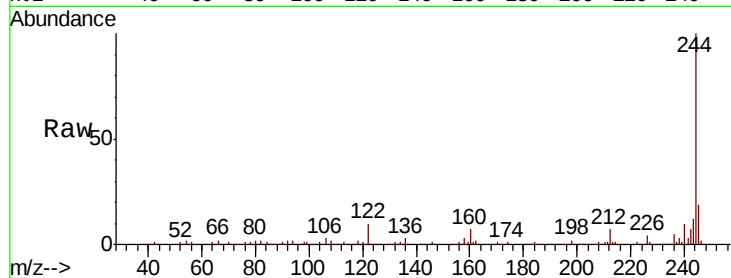




#78
 Terphenyl-d14
 Concen: 74.018 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113699BL

Tot Ion:244 Resp: 740651
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.2 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109873.D
 Acq: 13 Oct 2018 9:37

Tgt Ion:264 Resp: 147352
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.7 28.1
 265 21.2 16.7 25.1

