

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100721.D
 Acq On : 18 Nov 2017 14:24
 Operator : SJ/JU
 Sample : I6521-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)

Quant Time: Nov 20 04:21:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

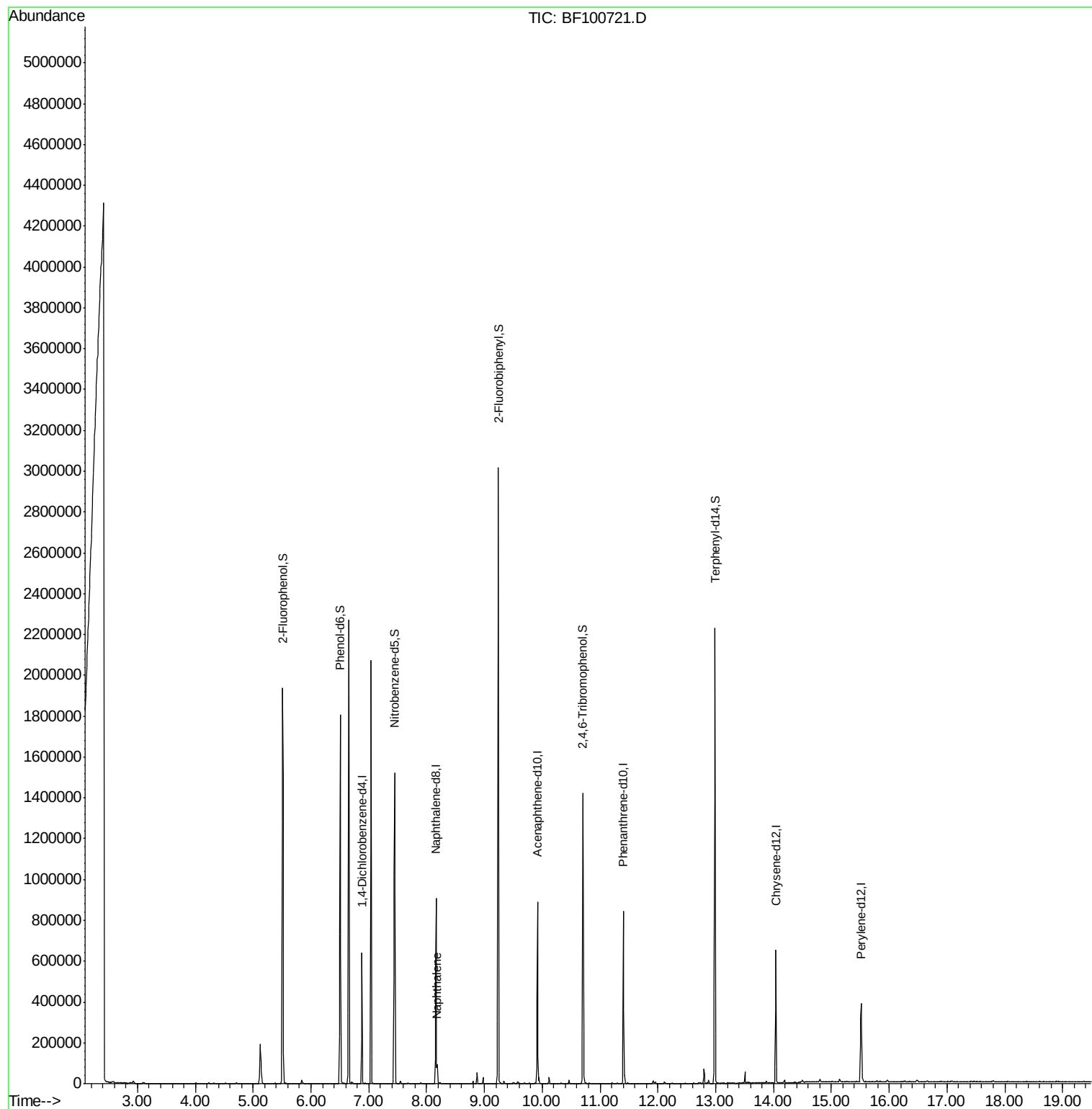
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97929	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	389735	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	167675	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	291332	20.00	ng	0.00
75) Chrysene-d12	14.04	240	220631	20.00	ng	0.00
86) Perylene-d12	15.52	264	193164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	590107	96.59	ng	0.02
7) Phenol-d6	6.51	99	616637	81.85	ng	0.00
23) Nitrobenzene-d5	7.45	82	512021	86.86	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	199132	116.55	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1005776	91.34	ng	0.00
78) Terphenyl-d14	12.99	244	836304	87.09	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	42702	2.275	ng	Qvalue 99

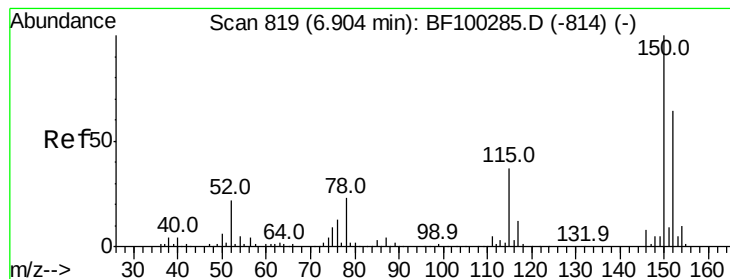
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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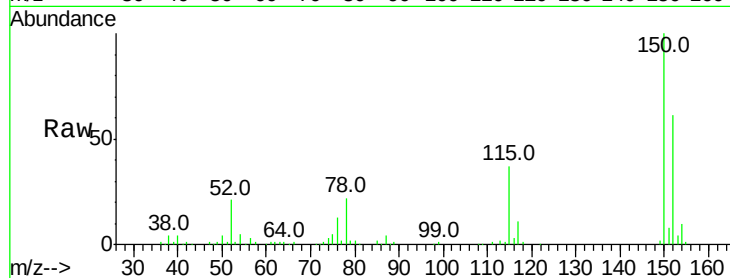


#1

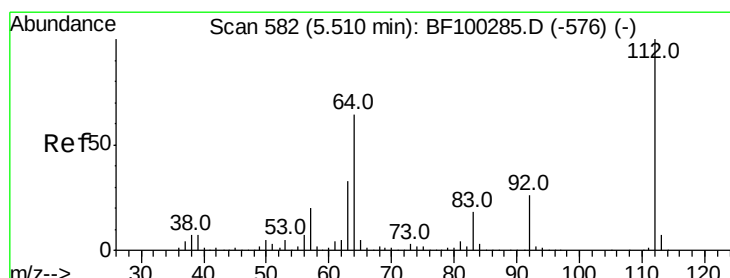
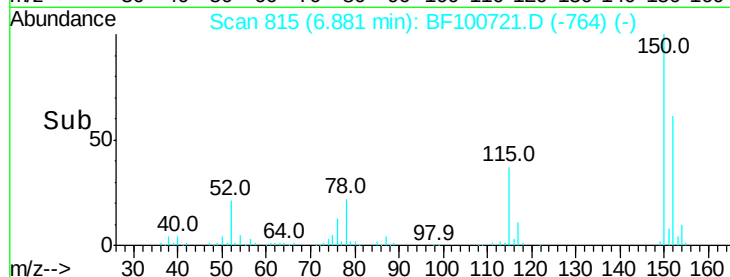
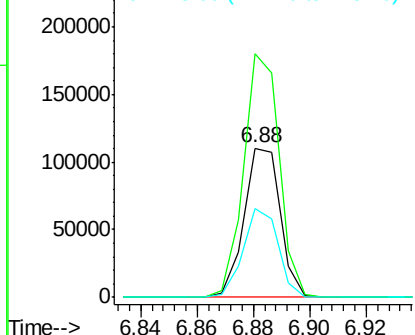
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	59.7	50.1	75.1



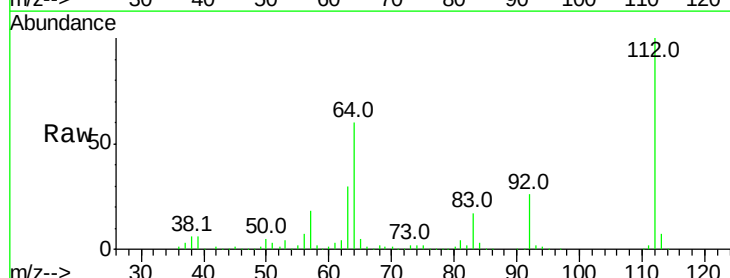
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



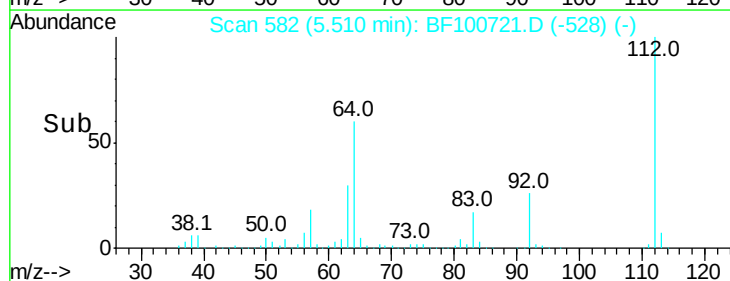
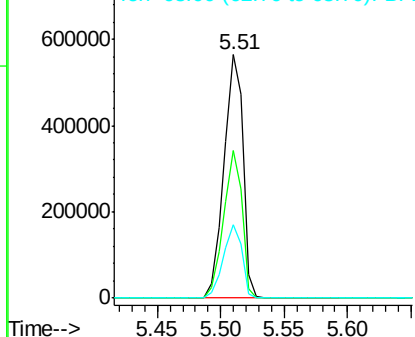
#5

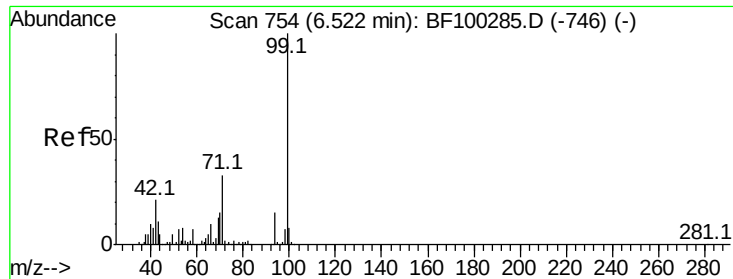
2-Fluorophenol
Concen: 96.594 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.0	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: 81.854 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100721.D

Acq: 18 Nov 2017 14:24

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)

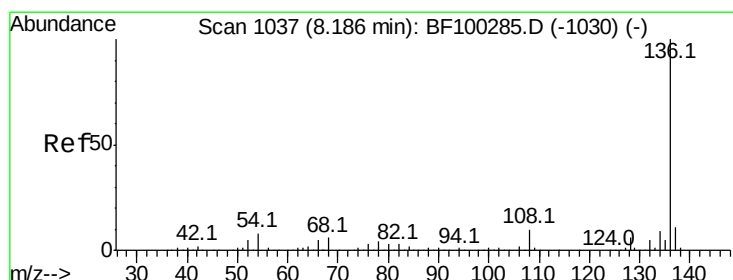
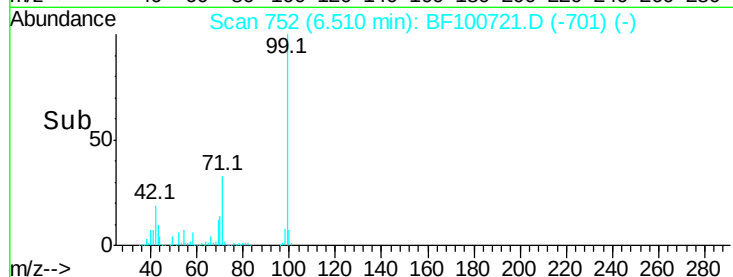
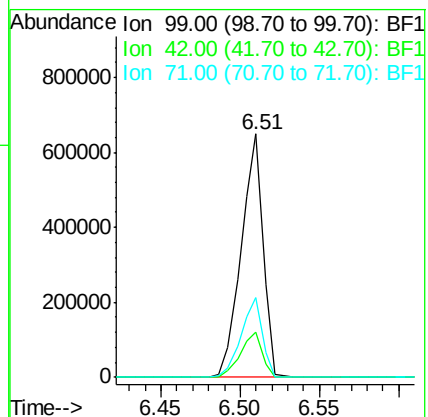
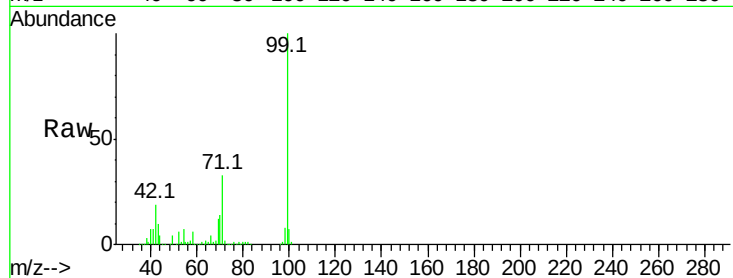
Tot Ion: 99 Resp: 616637

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100721.D

Acq: 18 Nov 2017 14:24

Tgt Ion: 136 Resp: 389735

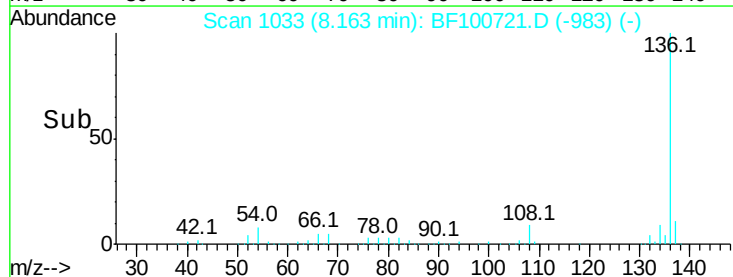
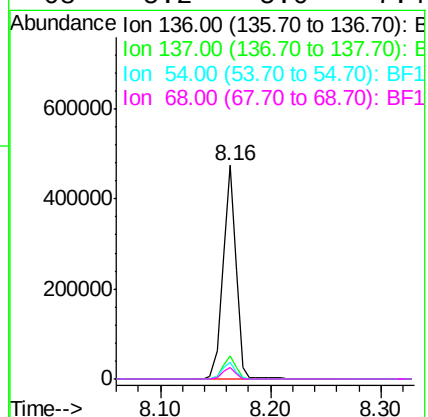
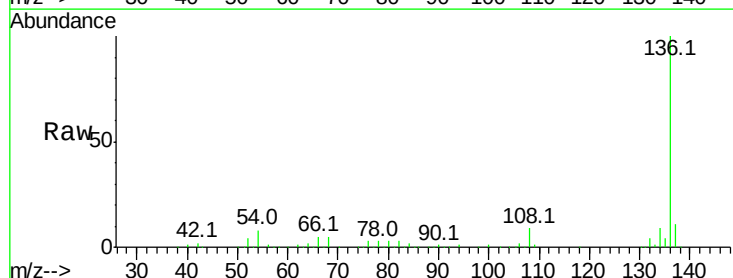
Ion Ratio Lower Upper

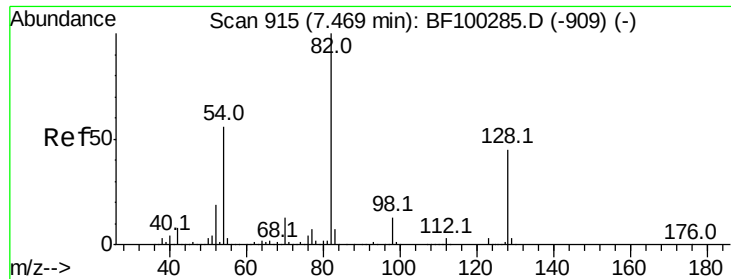
136 100

137 10.7 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

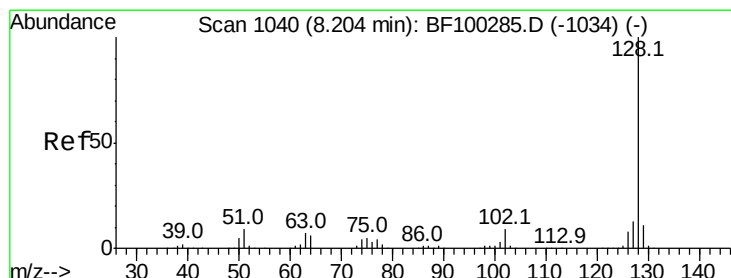
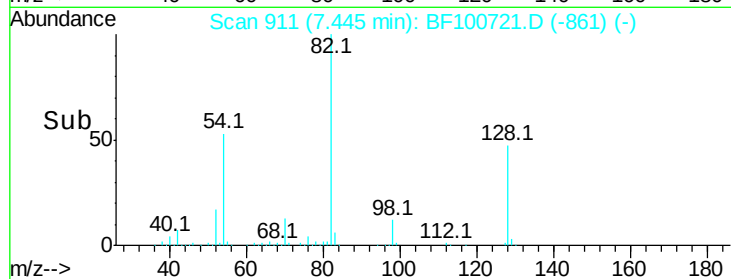
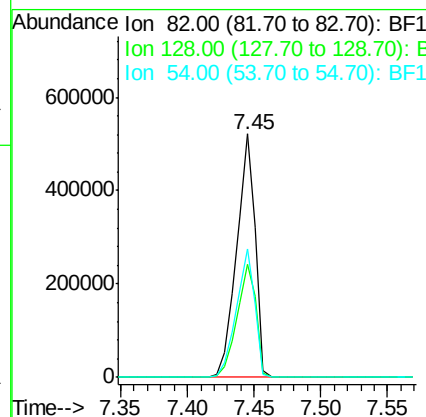
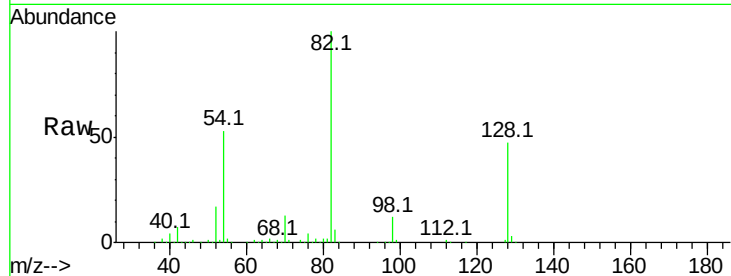




#23
Nitrobenzene-d5
Concen: 86.858 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

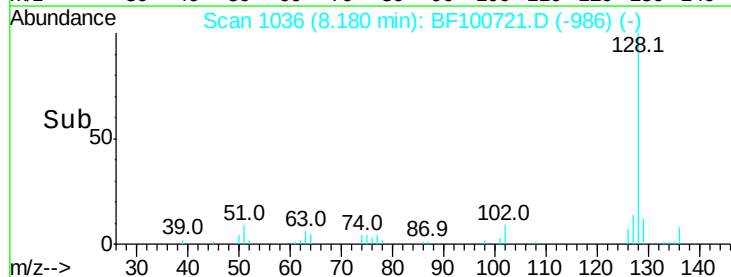
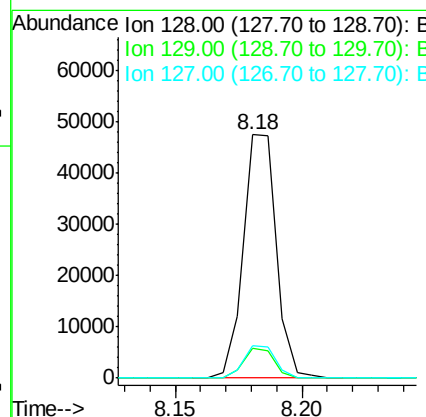
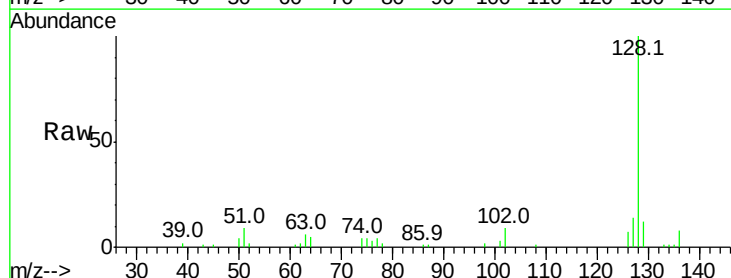
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

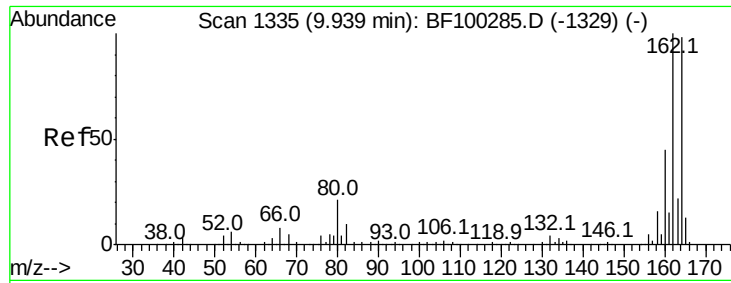
Tot Ion: 82 Resp: 512021
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 52.8 41.4 62.2



#31
Naphthalene
Concen: 2.275 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100721.D
Acq: 18 Nov 2017 14:24

Tgt Ion: 128 Resp: 42702
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 13.6 10.9 16.3

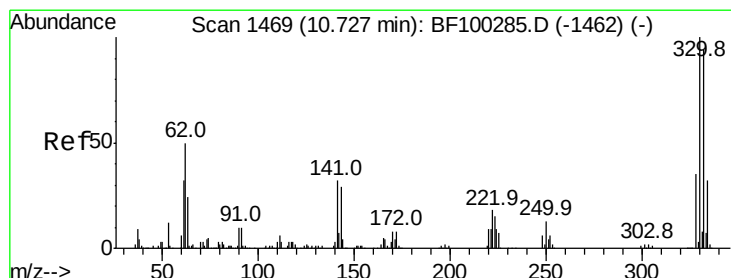
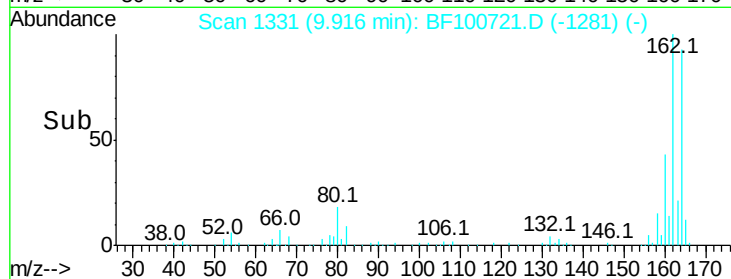
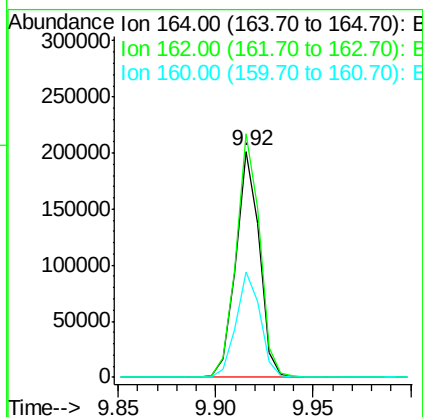
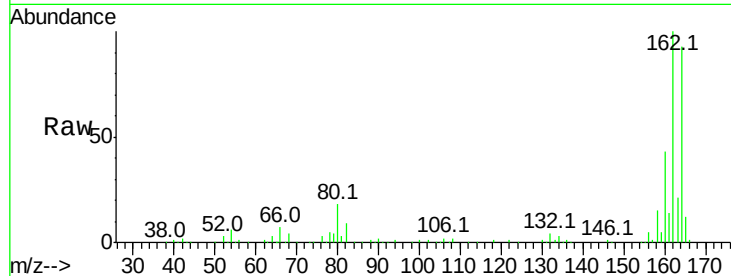




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100721.D
 Acq: 18 Nov 2017 14:24

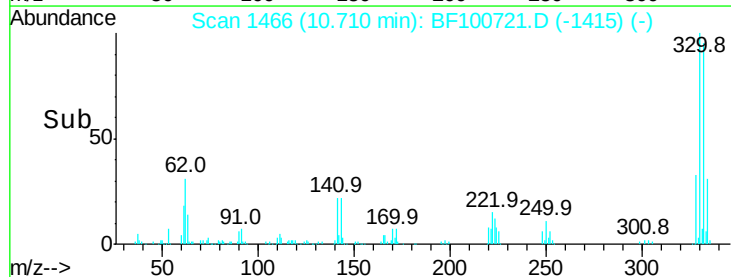
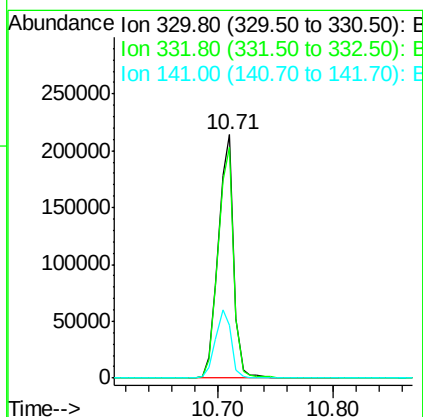
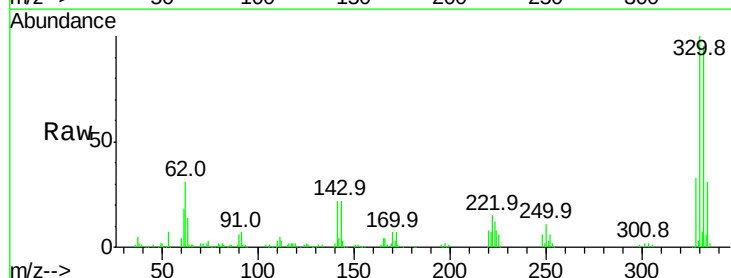
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)

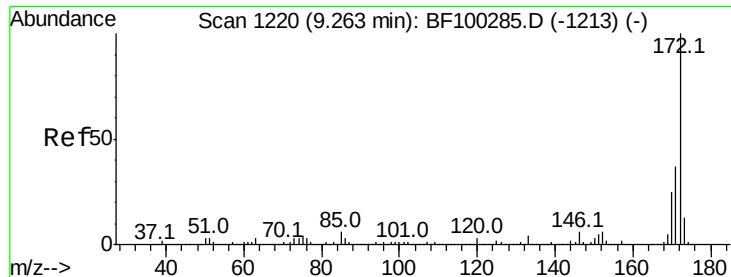
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.9	86.1	129.1
160	46.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.546 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100721.D
 Acq: 18 Nov 2017 14:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	28.4	29.9	44.9#



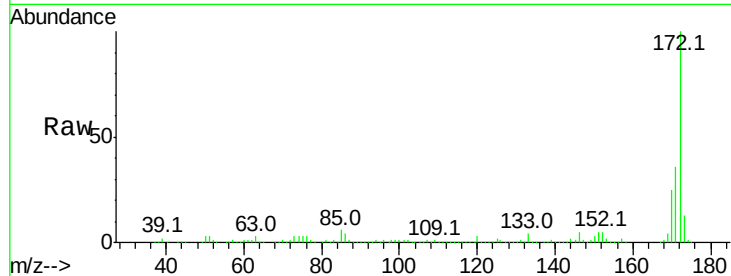


#44
 2-Fluorobiphenyl
 Concen: 91.338 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100721.D
 Acq: 18 Nov 2017 14:24

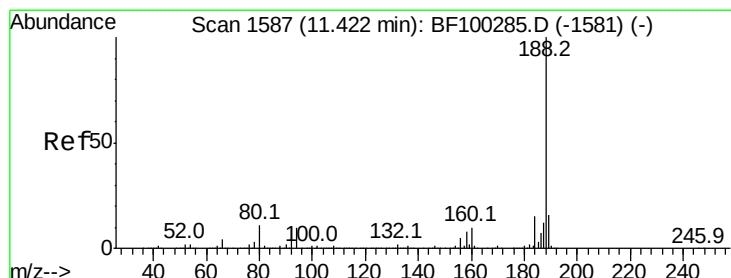
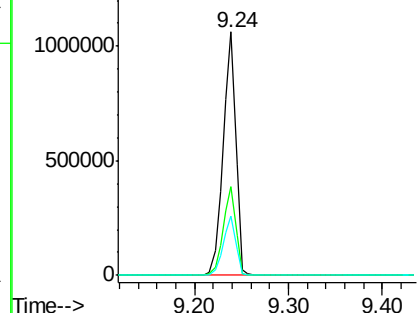
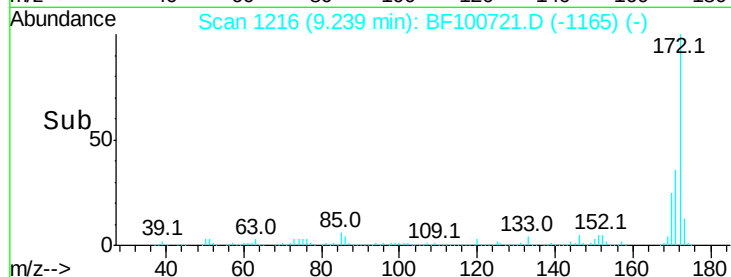
Instrument :
 BNA_F
 ClientSampled :
 MH-(0-12)

Tot Ion:172 Resp: 1005776

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4



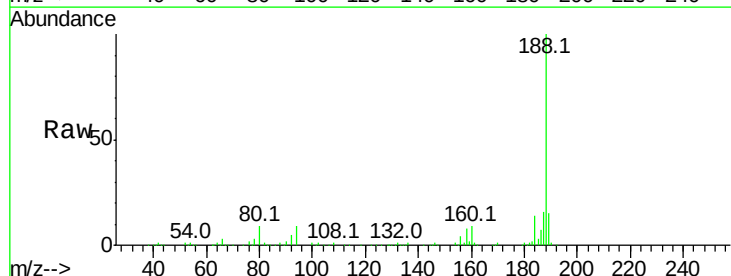
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



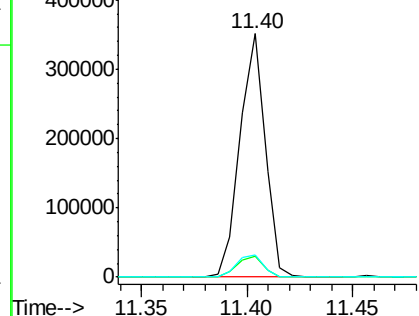
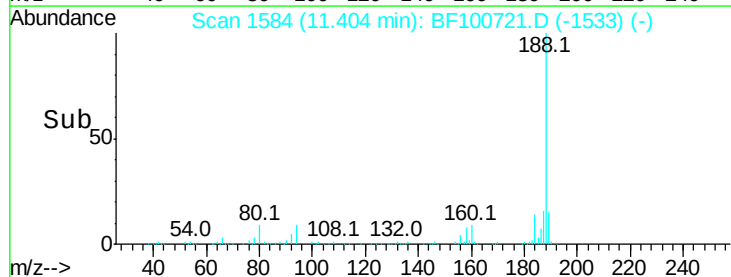
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100721.D
 Acq: 18 Nov 2017 14:24

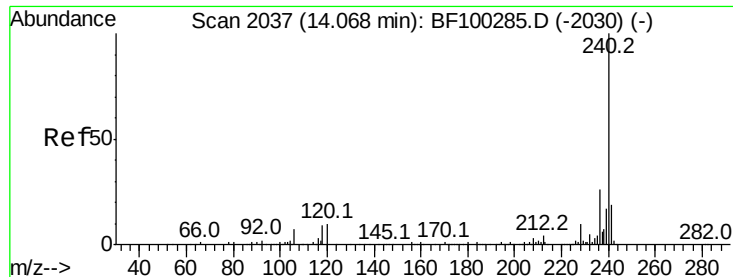
Tgt Ion:188 Resp: 291332

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.4	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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100721.D

Acq: 18 Nov 2017 14:24

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)

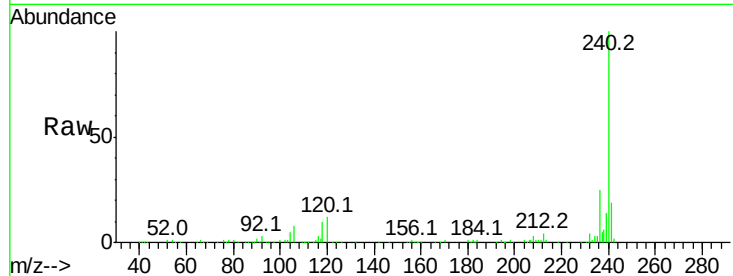
Tot Ion:240 Resp: 220631

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

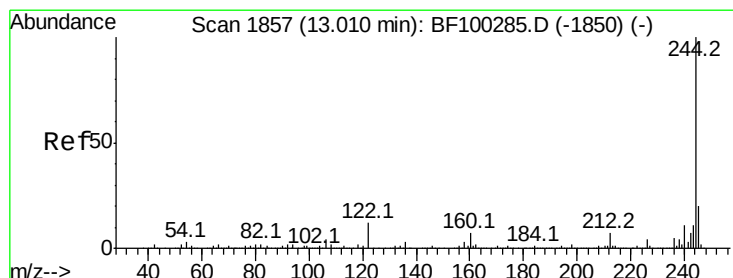
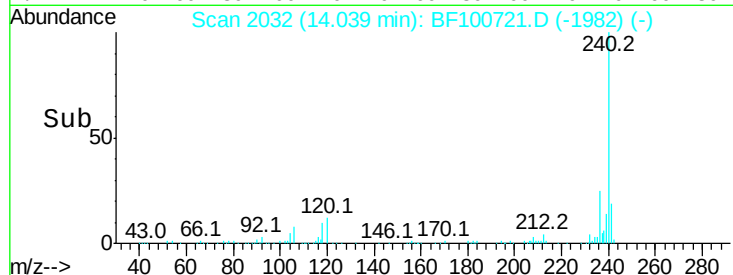
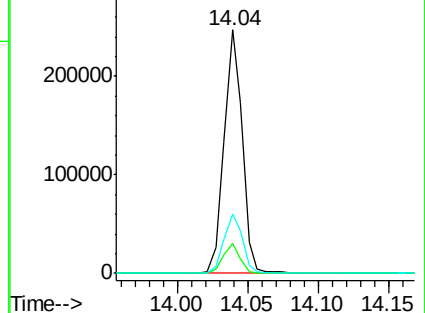
236 24.6 20.7 31.1



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: 87.095 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100721.D

Acq: 18 Nov 2017 14:24

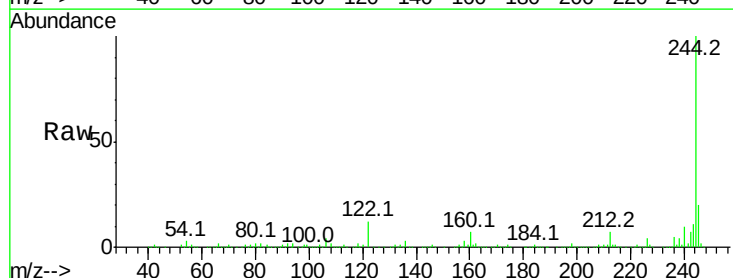
Tgt Ion:244 Resp: 836304

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

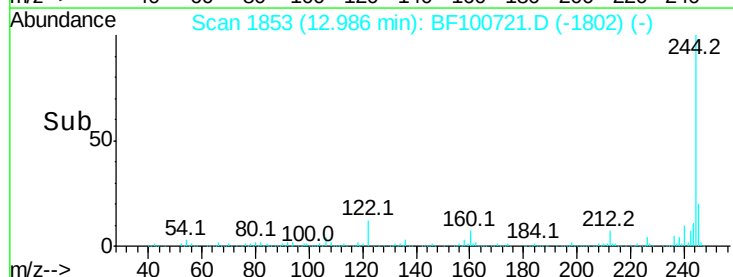
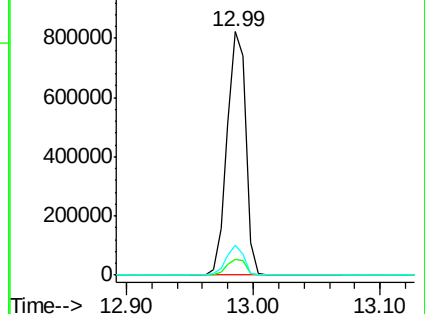
122 12.1 11.0 16.4

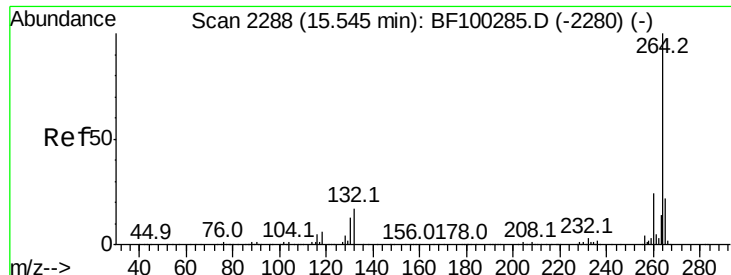


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100721.D
 Acq: 18 Nov 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.1	17.5	26.3

