

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100626.D
 Acq On : 16 Nov 2017 13:16
 Operator : SJ/JU
 Sample : I6302-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-A

Quant Time: Nov 16 14:03:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

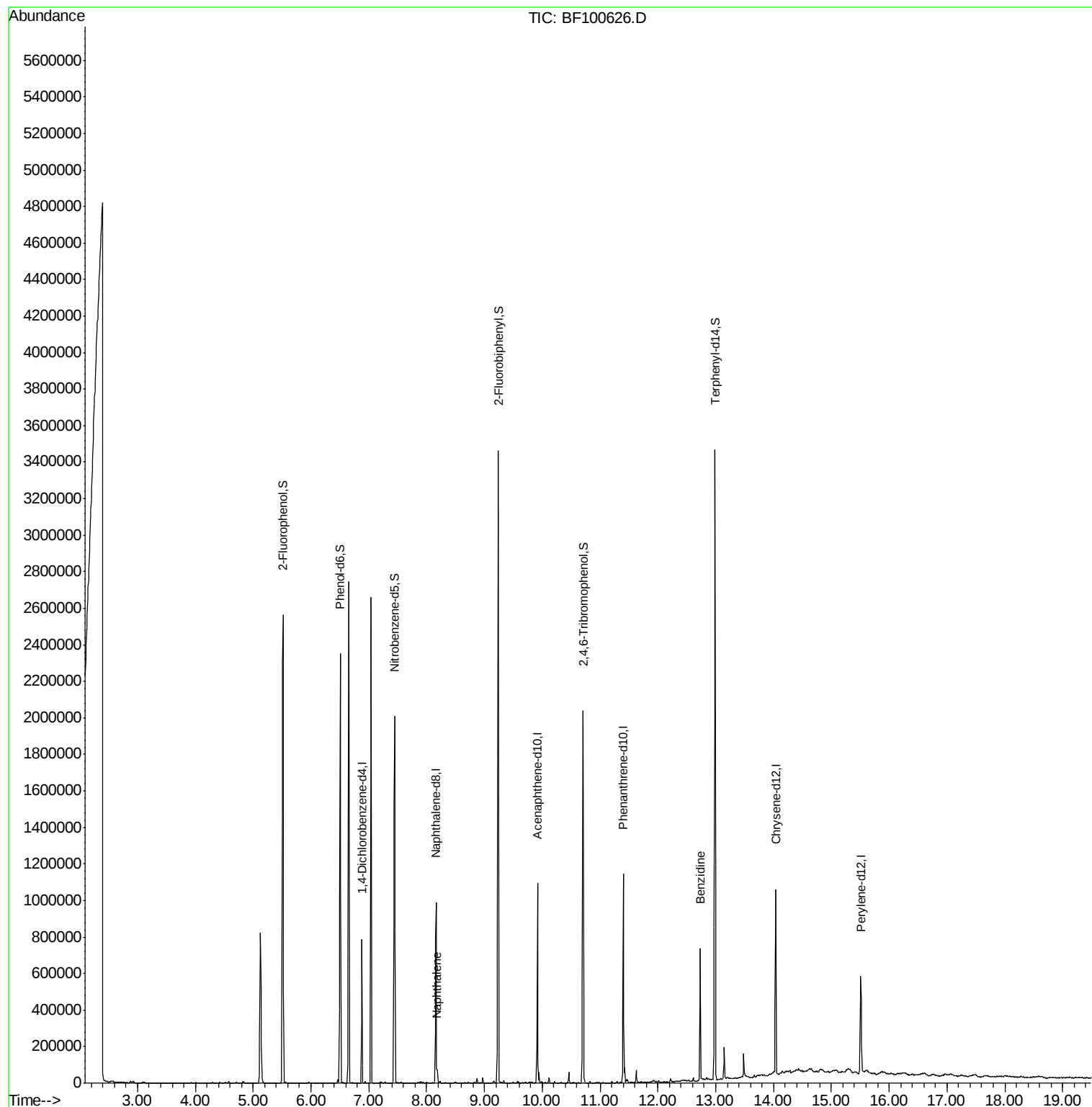
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	110191	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	442722	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	208186	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	421087	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	349203	20.00	ng	-0.03
86) Perylene-d12	15.51	264	255961	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	795977	115.79	ng	0.00
7) Phenol-d6	6.51	99	867636	102.36	ng	-0.01
23) Nitrobenzene-d5	7.45	82	687303	102.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.71	330	312911	147.50	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	1273447	93.14	ng	-0.02
78) Terphenyl-d14	12.99	244	1337298	87.99	ng	-0.02
Target Compounds						
31) Naphthalene	8.18	128	42720	2.003	ng	98
76) Benzidine	12.73	184	264858	18.939	ng	98

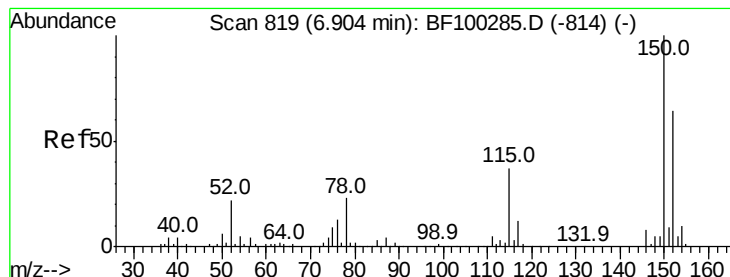
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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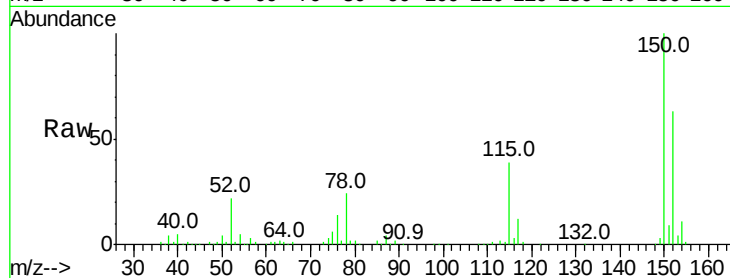


#1

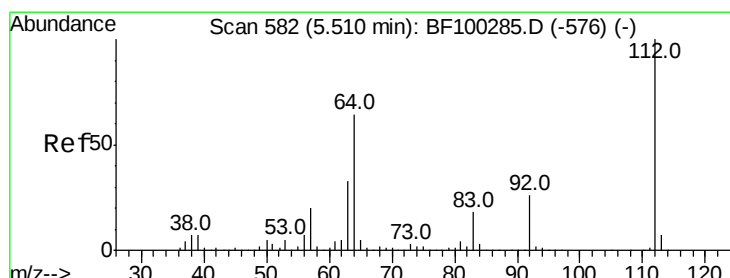
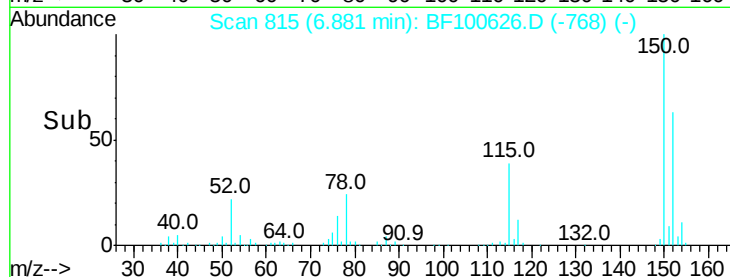
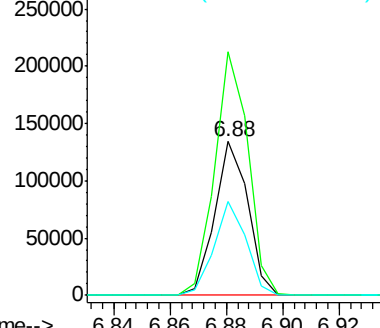
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tot Ion:152 Resp: 110191
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 61.0 50.1 75.1



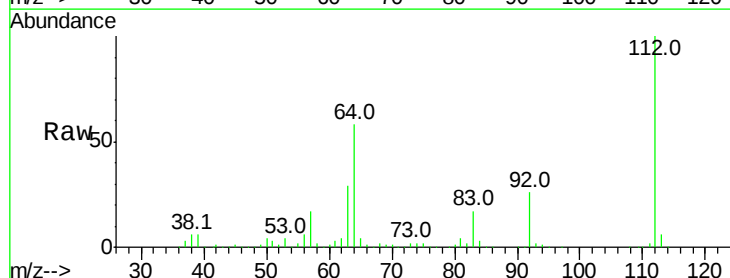
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



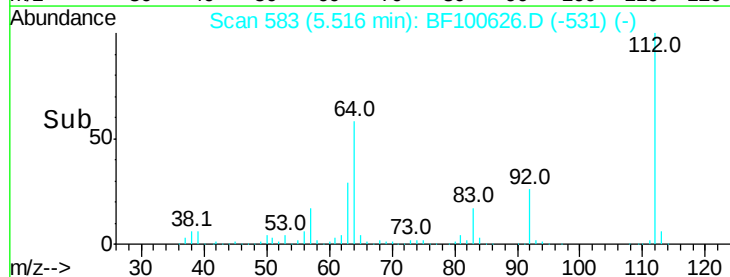
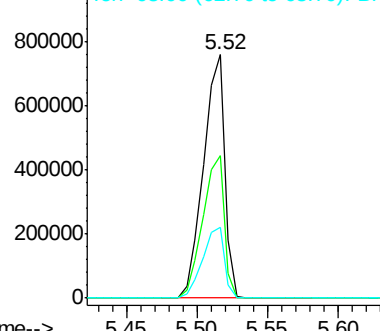
#5

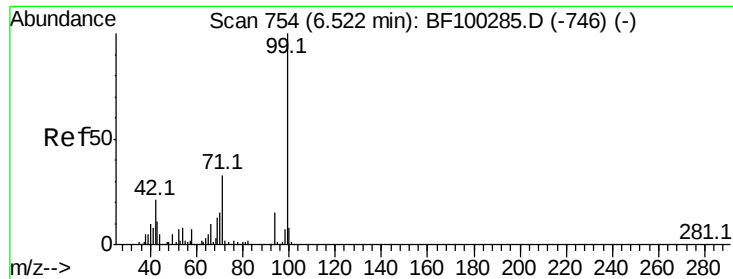
2-Fluorophenol
Concen: 115.794 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:112 Resp: 795977
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.1 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: 102.356 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100626.D

Acq: 16 Nov 2017 13:16

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-A

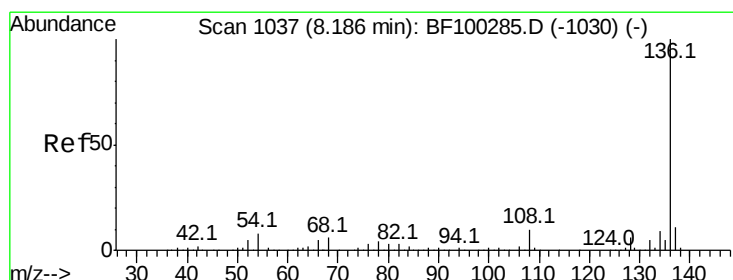
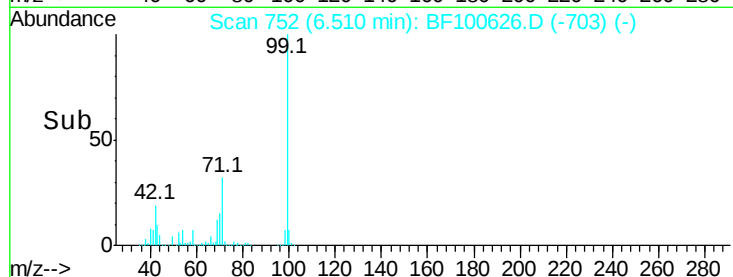
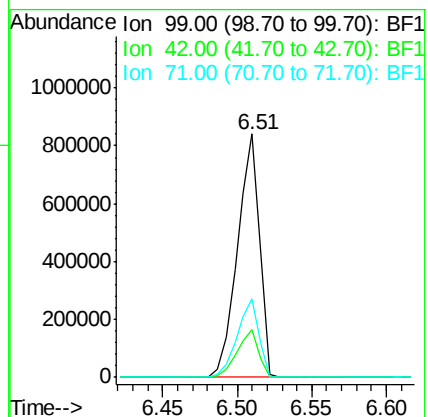
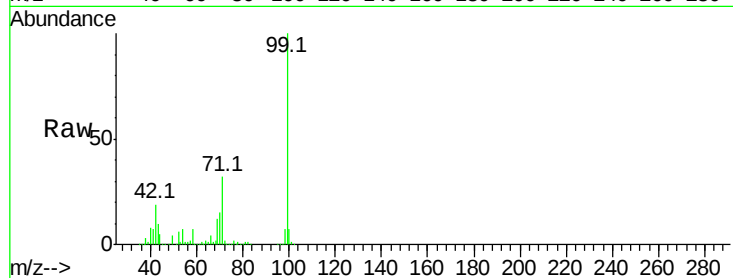
Tot Ion: 99 Resp: 867636

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100626.D

Acq: 16 Nov 2017 13:16

Tgt Ion: 136 Resp: 442722

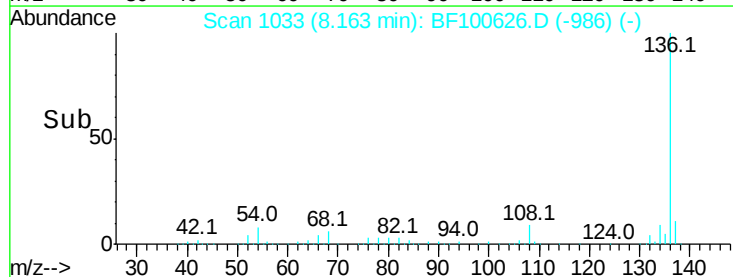
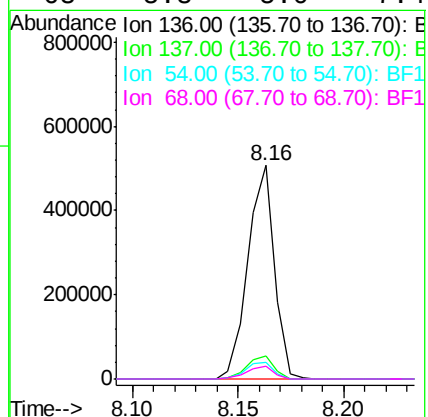
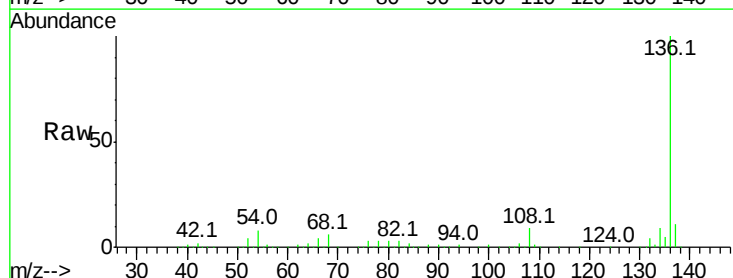
Ion Ratio Lower Upper

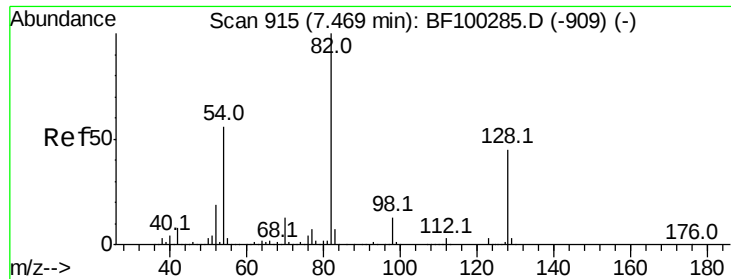
136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.8 5.0 7.4

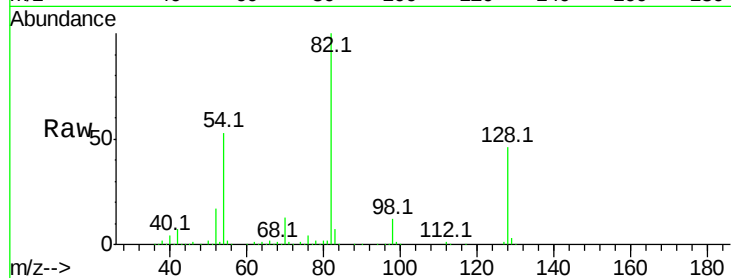




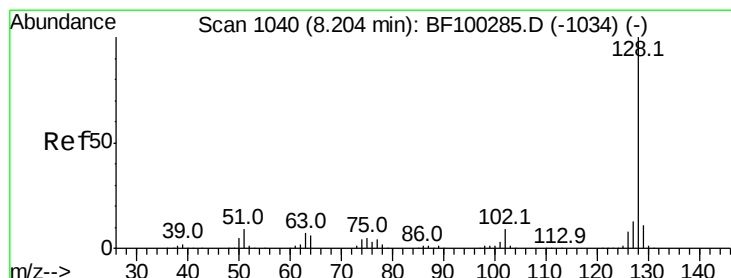
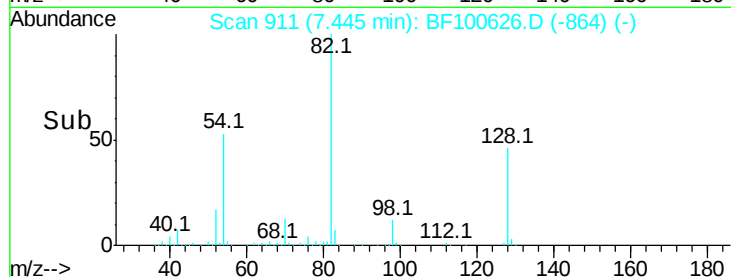
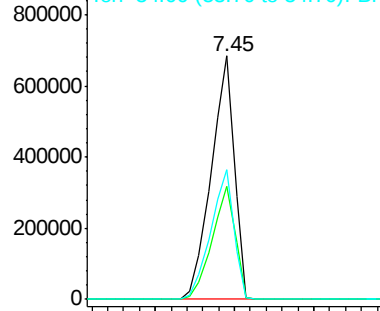
#23
Nitrobenzene-d5
Concen: 102.638 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tot Ion: 82 Resp: 687303
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 53.1 41.4 62.2

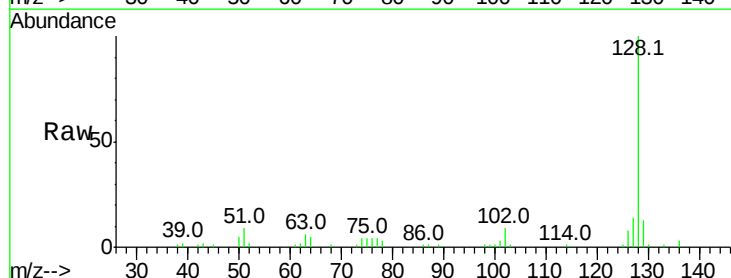


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

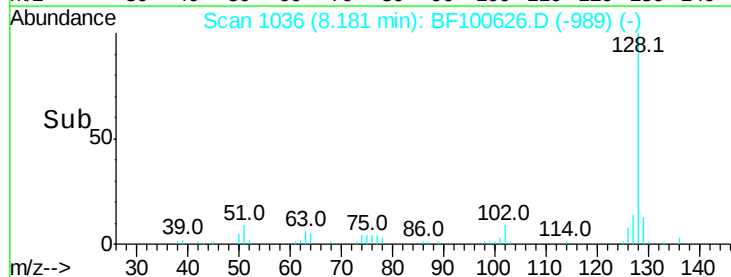
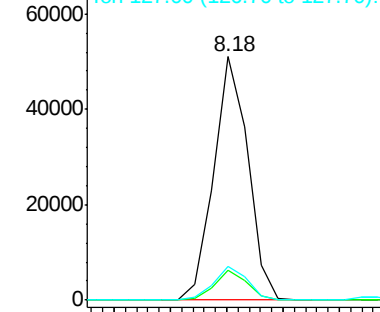


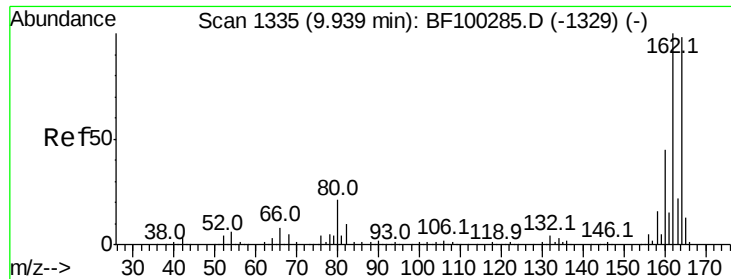
#31
Naphthalene
Concen: 2.003 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion: 128 Resp: 42720
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 14.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

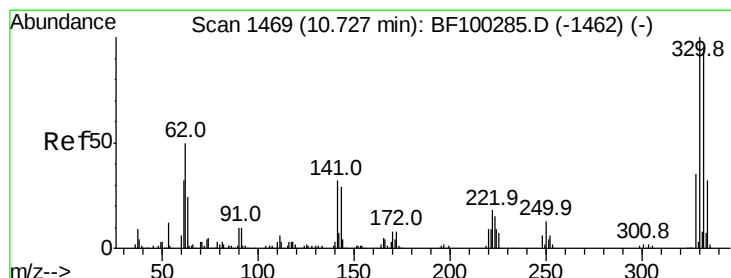
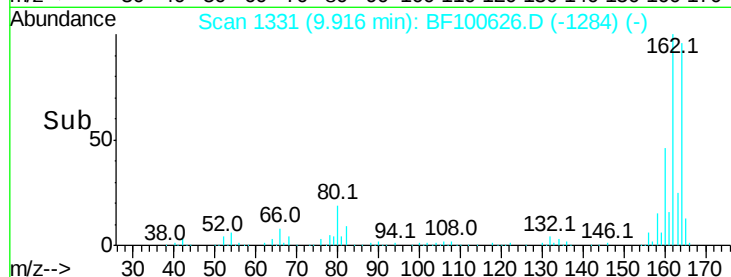
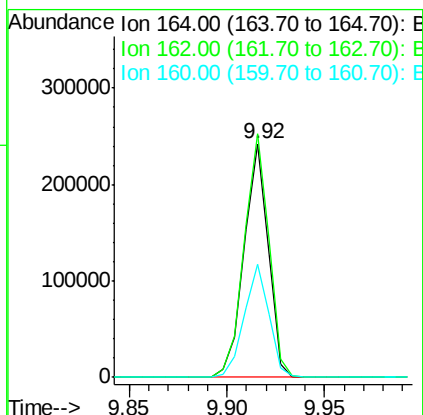
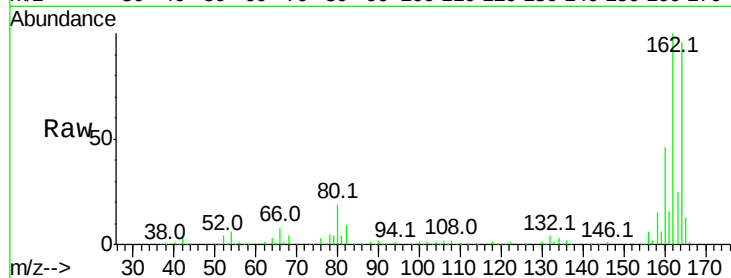




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF100626.D
 Acq: 16 Nov 2017 13:16

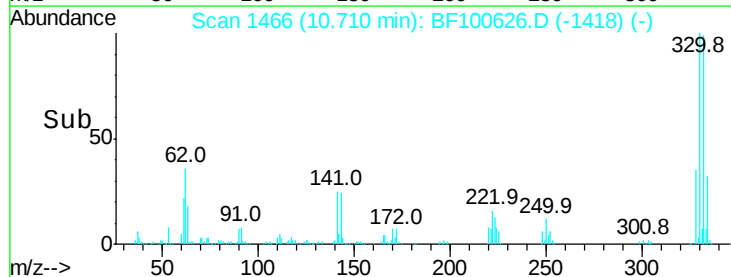
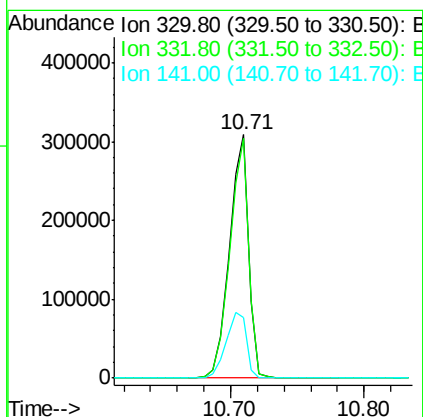
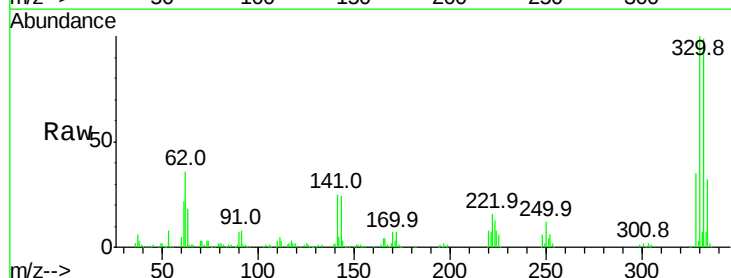
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-A

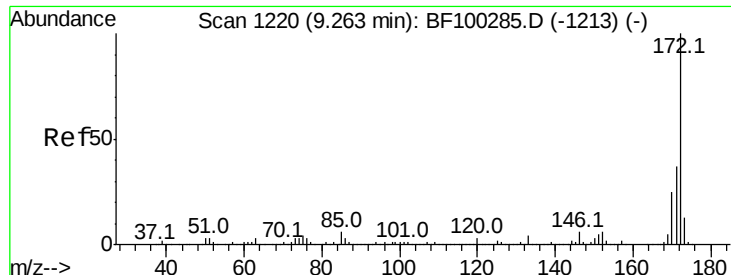
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 147.501 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF100626.D
 Acq: 16 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	28.9	29.9	44.9#



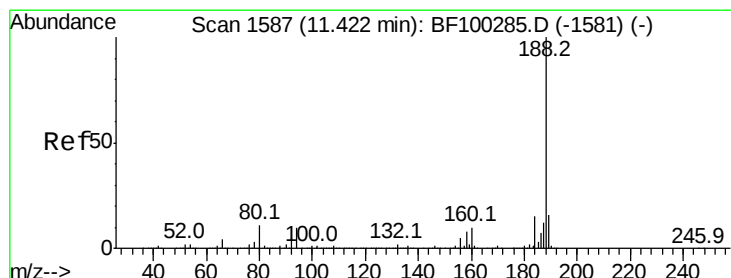
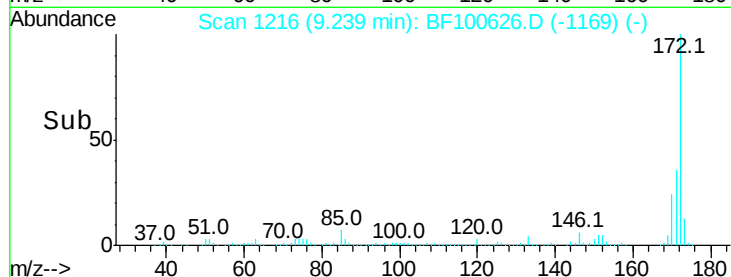
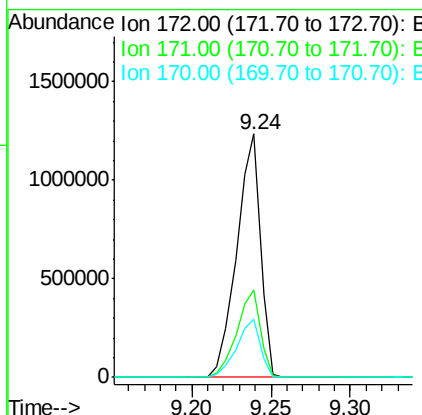
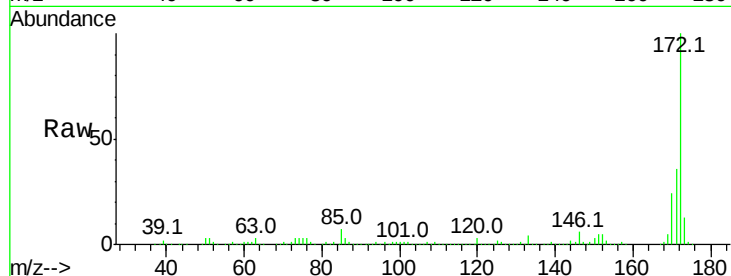


#44
 2-Fluorobiphenyl
 Concen: 93.142 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF100626.D
 Acq: 16 Nov 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-A

Tot Ion:172 Resp: 1273447

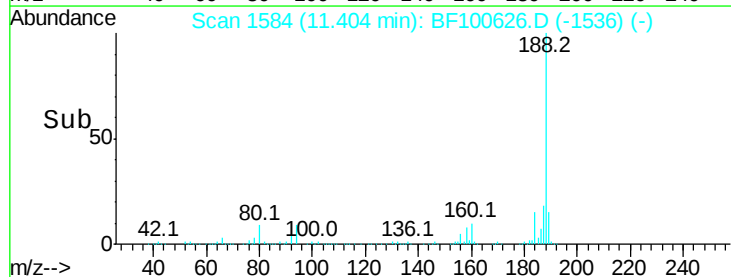
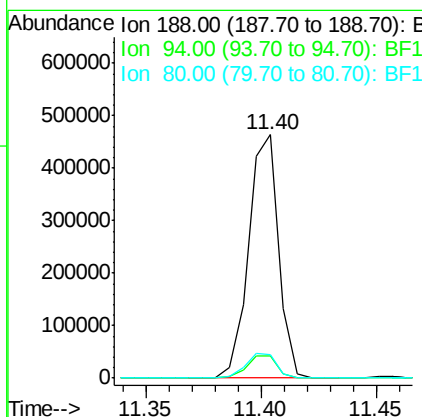
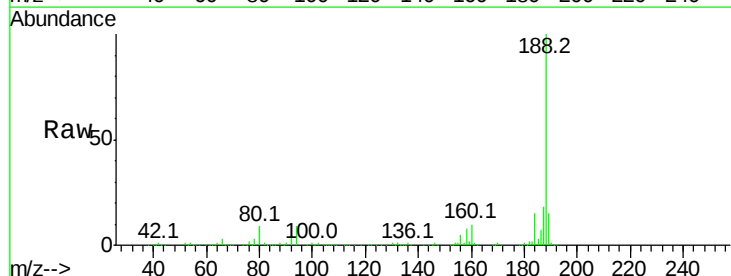
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

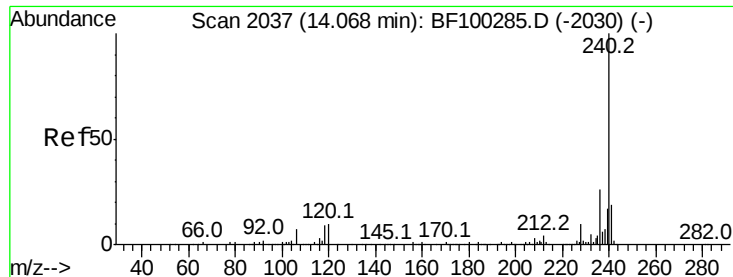


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF100626.D
 Acq: 16 Nov 2017 13:16

Tgt Ion:188 Resp: 421087

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.03 min

Lab File: BF100626.D

Acq: 16 Nov 2017 13:16

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-A

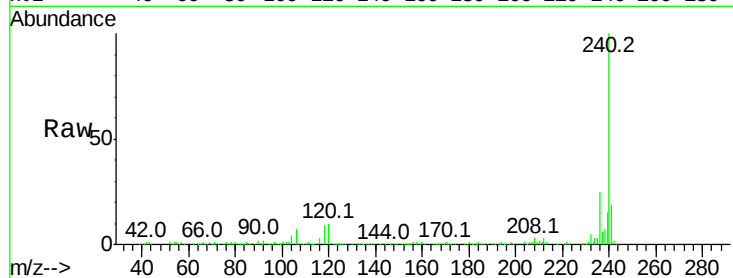
Tot Ion:240 Resp: 349203

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

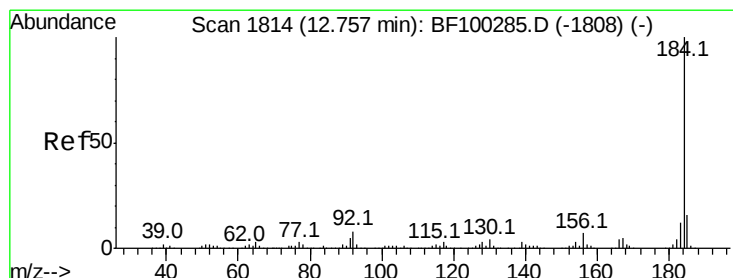
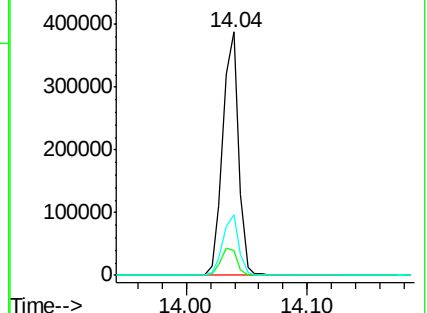
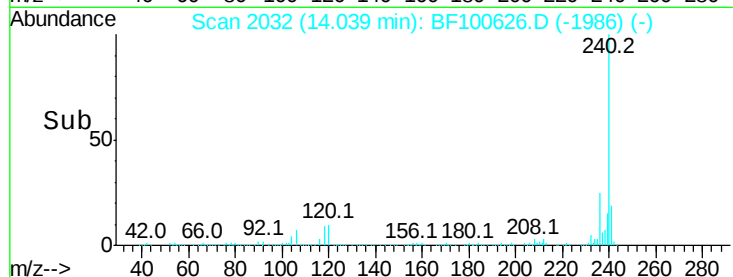
236 24.8 20.7 31.1



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



#76

Benzidine

Concen: 18.939 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF100626.D

Acq: 16 Nov 2017 13:16

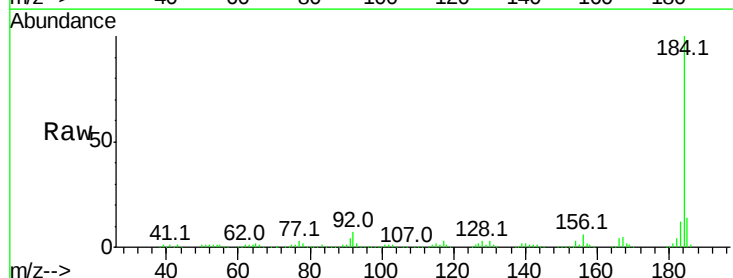
Tgt Ion:184 Resp: 264858

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

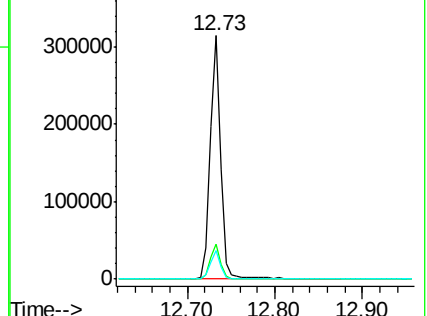
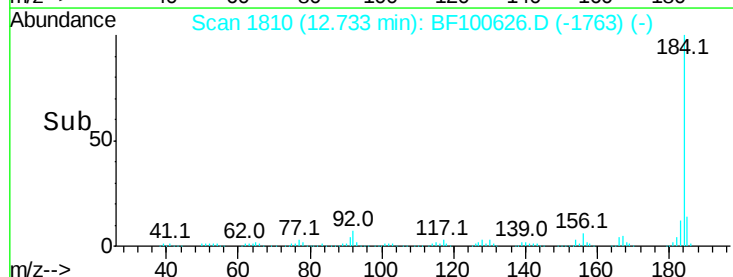
183 11.8 9.3 13.9

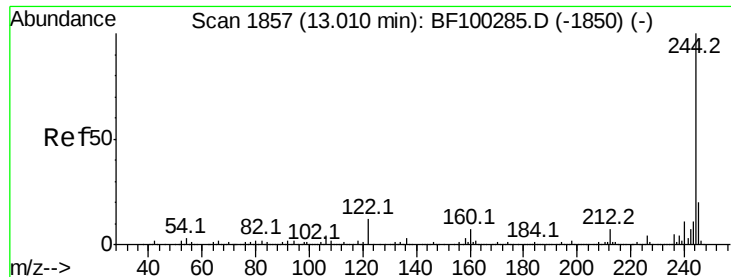


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

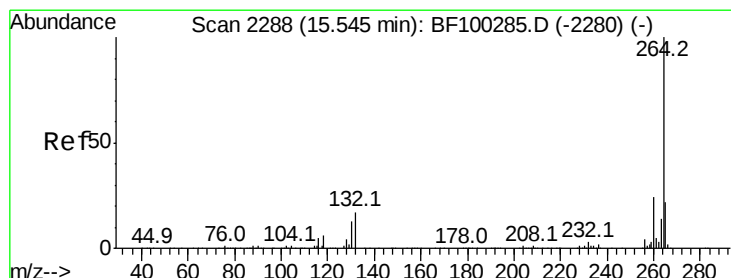
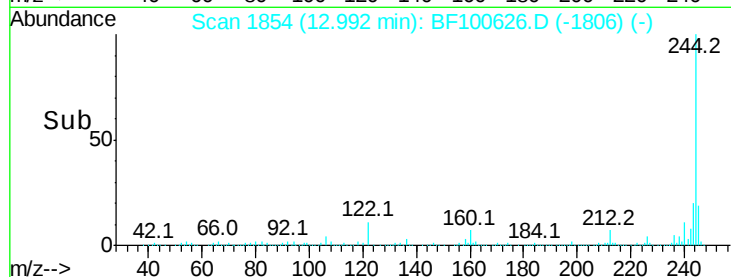
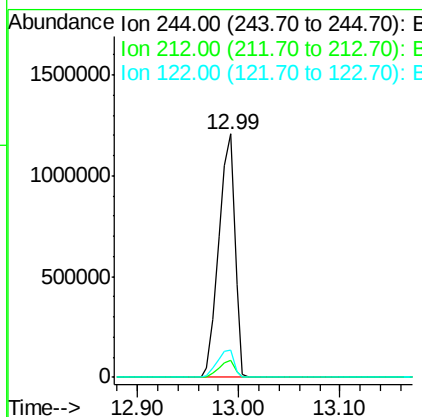
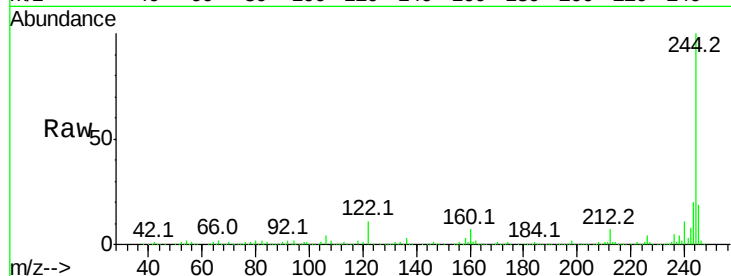




#78
 Terphenyl-d14
 Concen: 87.992 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.02 min
 Lab File: BF100626.D
 Acq: 16 Nov 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-A

Tot Ion:244 Resp: 1337298
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.04 min
 Lab File: BF100626.D
 Acq: 16 Nov 2017 13:16

Tgt Ion:264 Resp: 255961
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.5 26.3

