

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100713.D
 Acq On : 18 Nov 2017 10:50
 Operator : SJ/JU
 Sample : I6299-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-111617

Quant Time: Nov 20 04:00:31 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

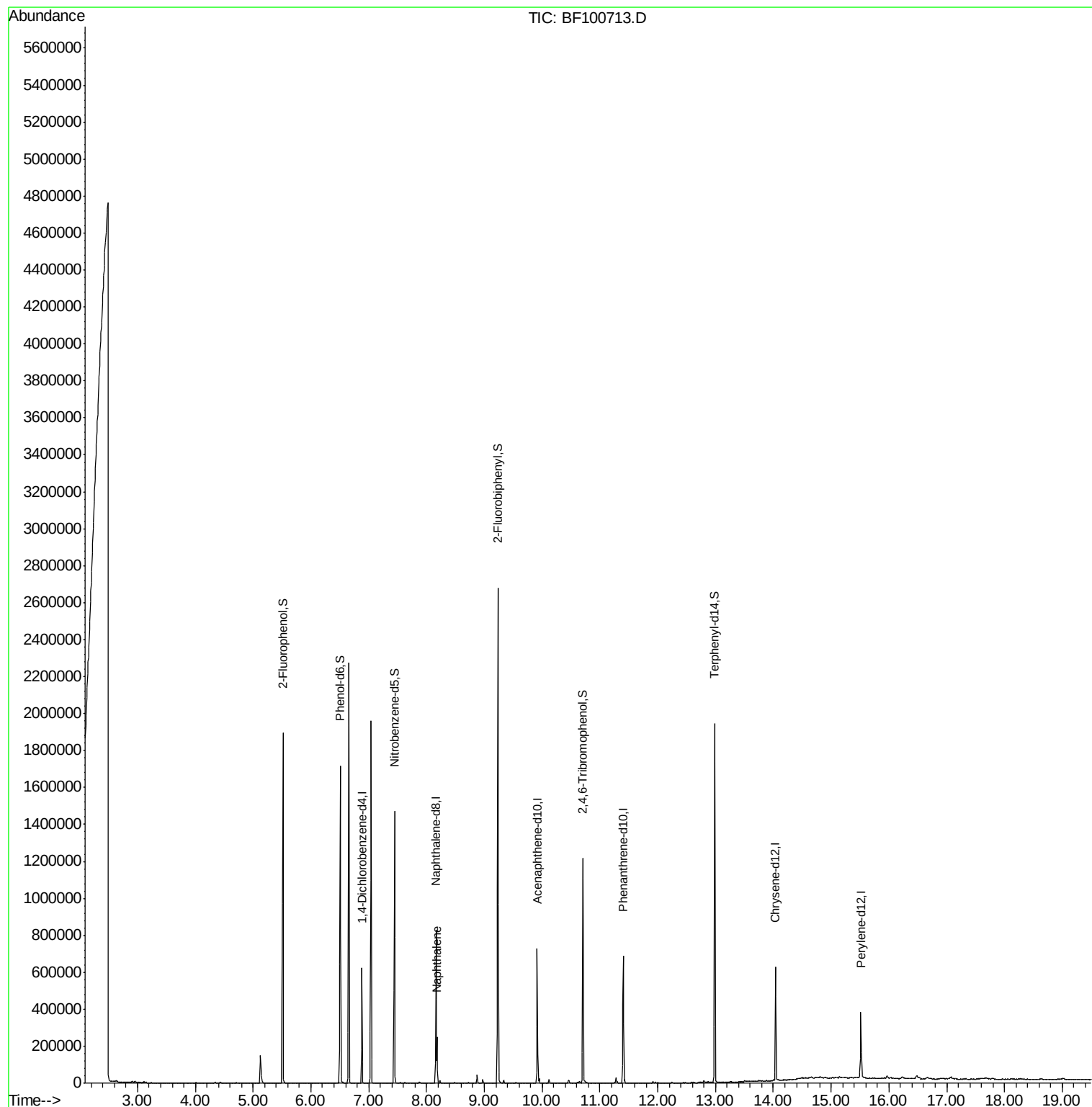
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	92483	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	359086	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	148675	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	231621	20.00	ng	0.00
75) Chrysene-d12	14.04	240	204508	20.00	ng	0.00
86) Perylene-d12	15.52	264	163740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	565792	98.07	ng	0.02
7) Phenol-d6	6.51	99	596771	83.88	ng	0.00
23) Nitrobenzene-d5	7.45	82	480161	88.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	170034	112.23	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	928734	95.12	ng	0.00
78) Terphenyl-d14	12.99	244	712357	80.04	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	110801	6.406	ng	Qvalue 97

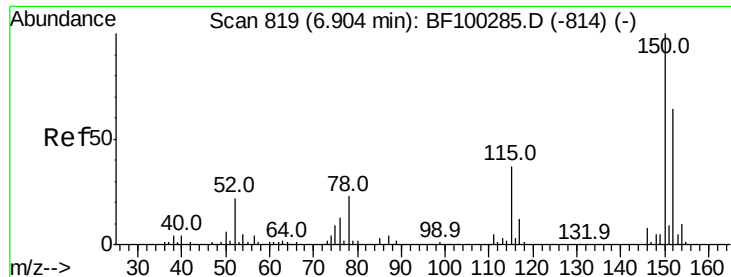
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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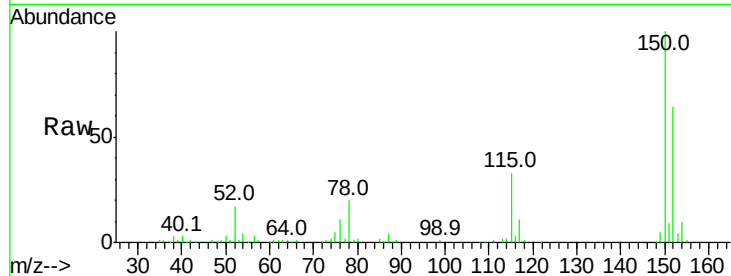


#1

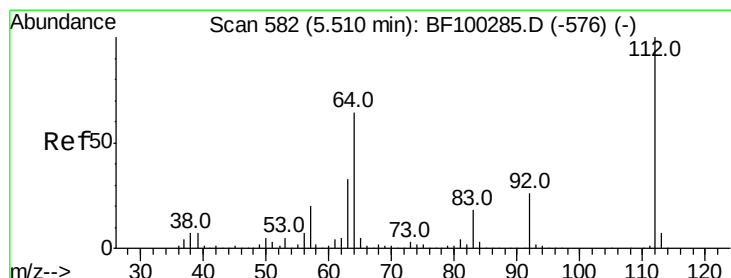
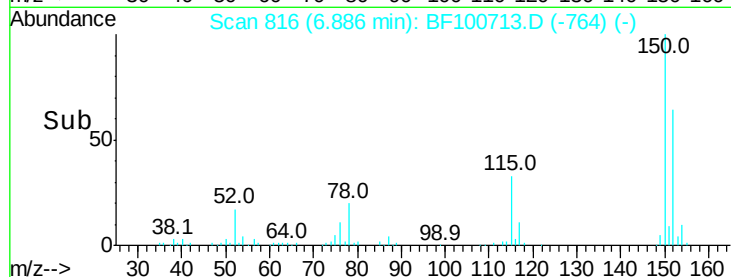
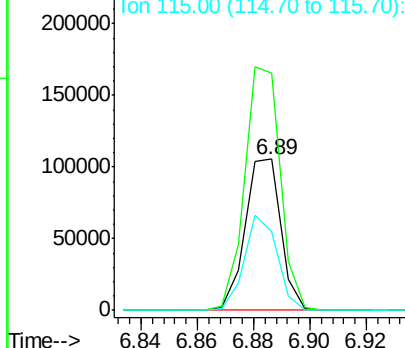
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-111617

Tot Ion:152 Resp: 92483
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 51.7 50.1 75.1



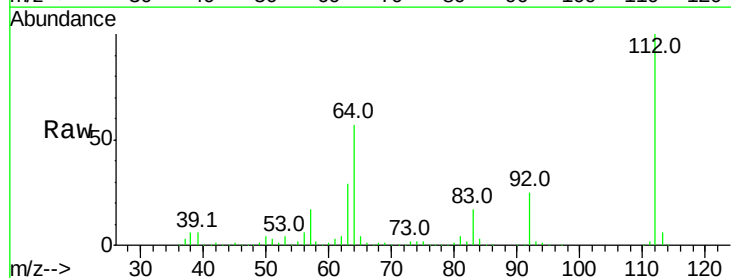
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



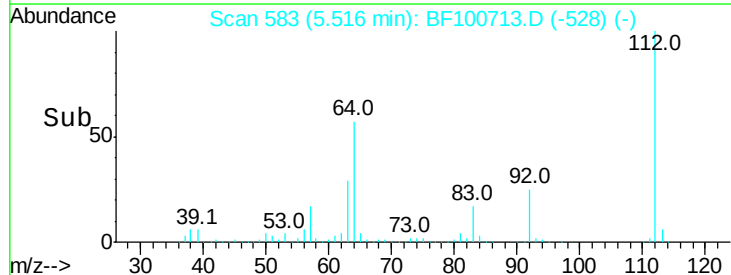
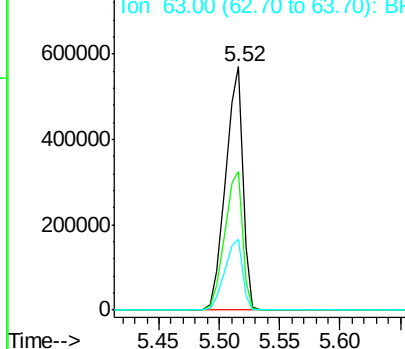
#5

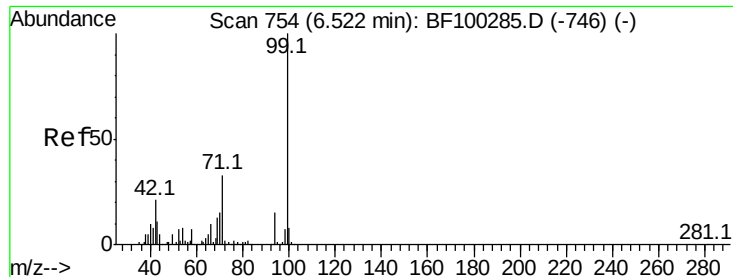
2-Fluorophenol
 Concen: 98.067 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Tgt Ion:112 Resp: 565792
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 28.9 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: 83.882 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100713.D

Acq: 18 Nov 2017 10:50

Instrument :

BNA_F

ClientSampleId :

OK-01-111617

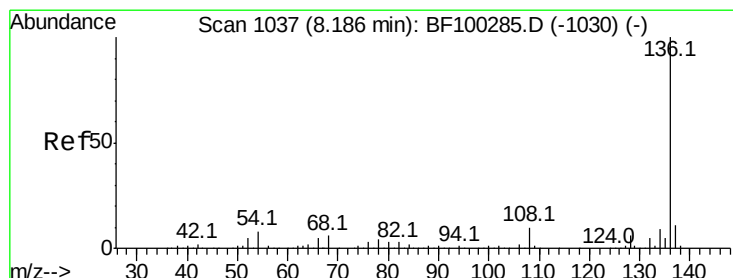
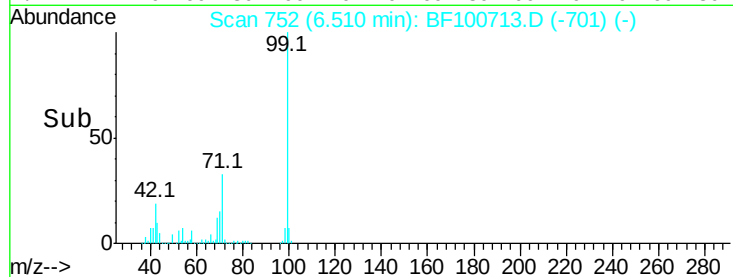
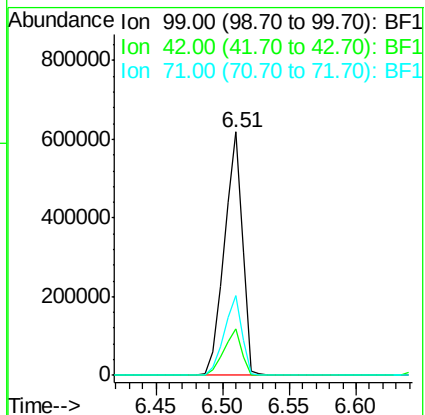
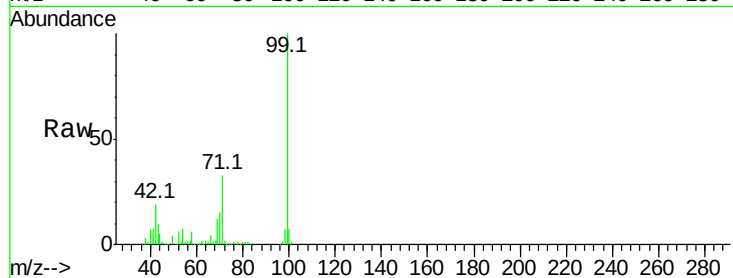
Tot Ion: 99 Resp: 596771

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.5 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: BF100713.D

Acq: 18 Nov 2017 10:50

Tgt Ion: 136 Resp: 359086

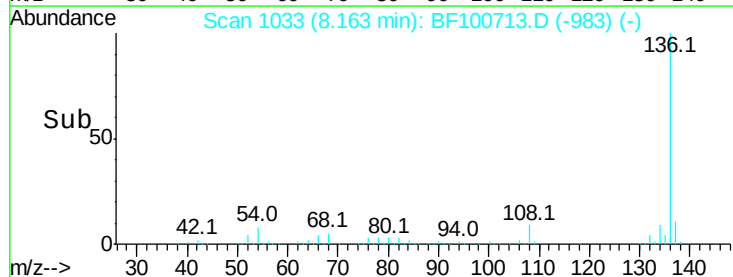
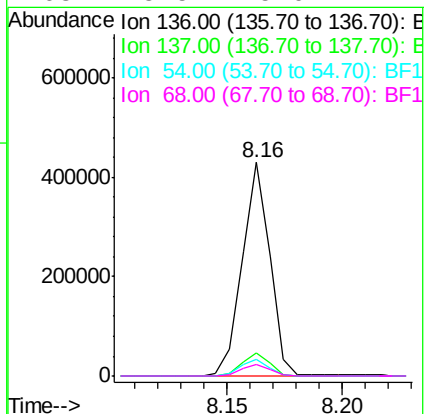
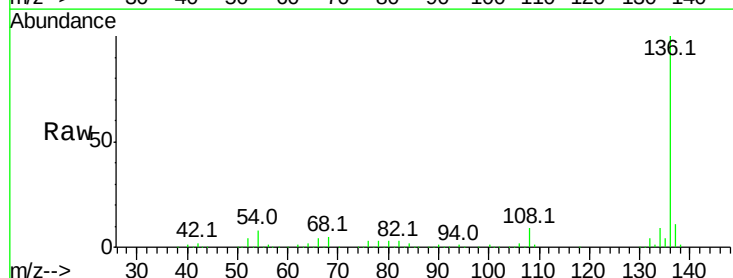
Ion Ratio Lower Upper

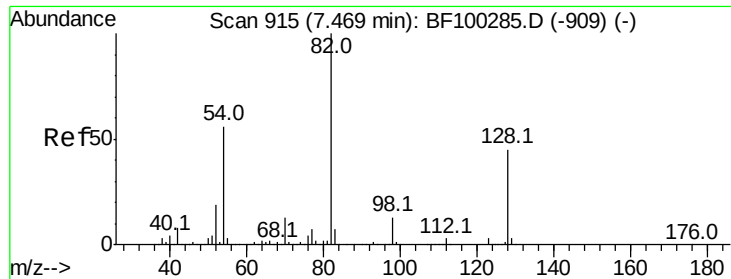
136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.5 5.0 7.4

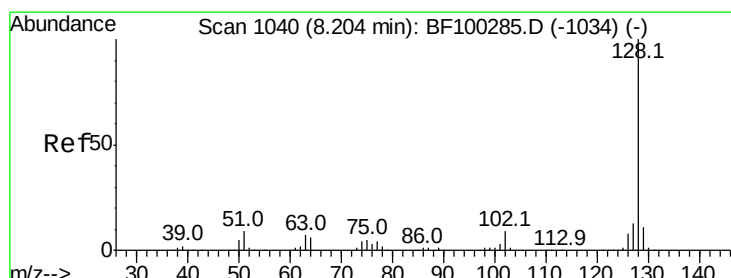
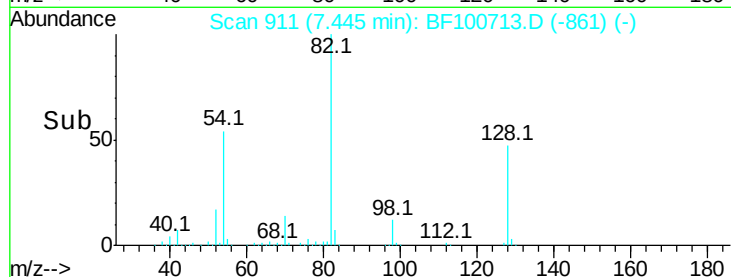
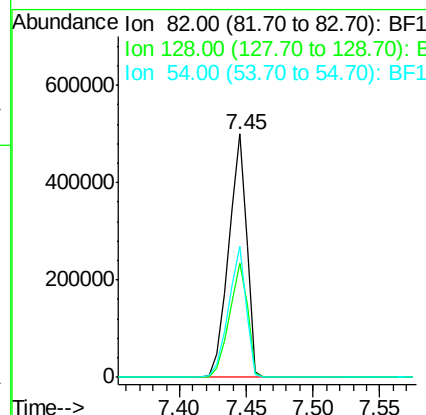
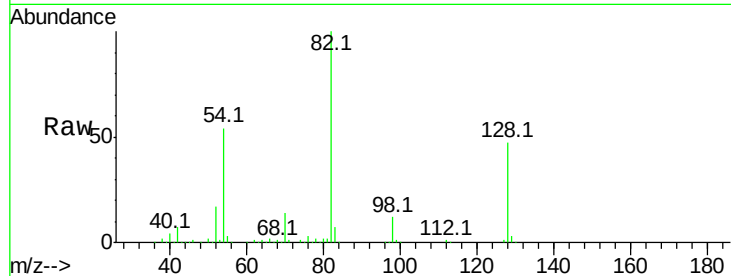




#23
Nitrobenzene-d5
Concen: 88.405 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

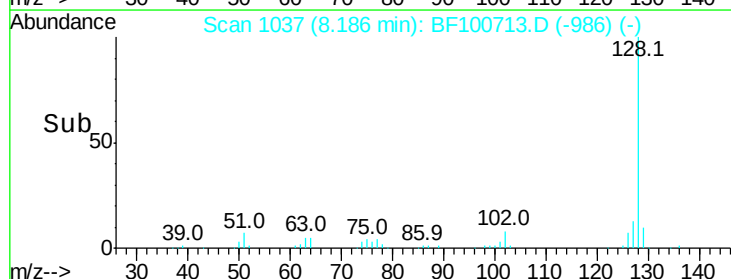
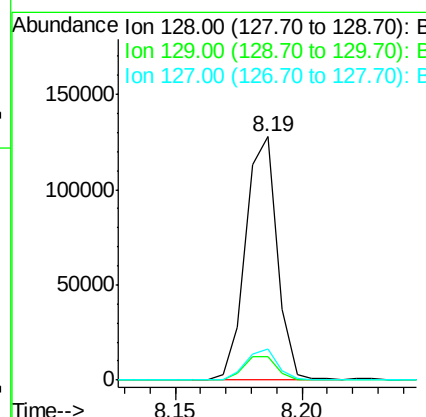
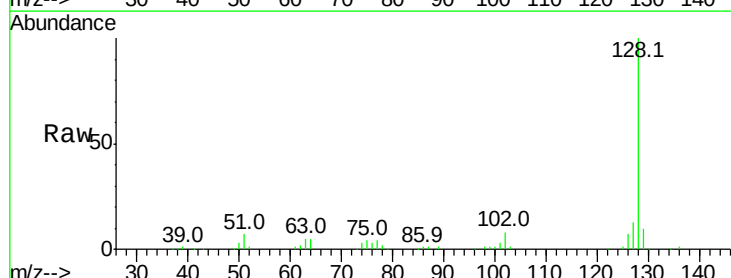
Instrument :
BNA_F
ClientSampleId :
OK-01-111617

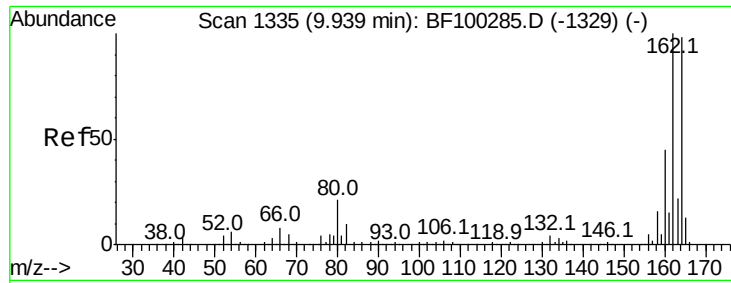
Tot Ion: 82 Resp: 480161
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 53.9 41.4 62.2



#31
Naphthalene
Concen: 6.406 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Tgt Ion: 128 Resp: 110801
Ion Ratio Lower Upper
128 100
129 9.9 8.8 13.2
127 12.7 10.9 16.3

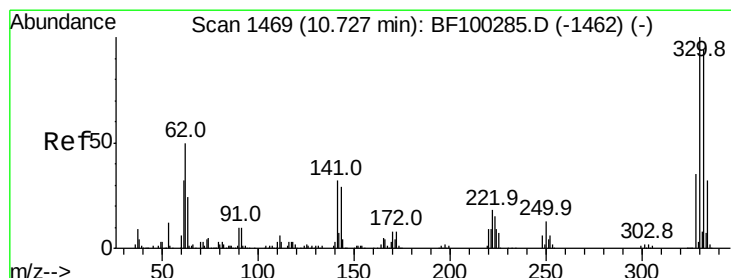
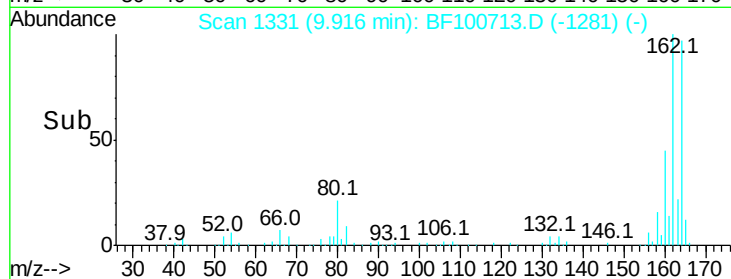
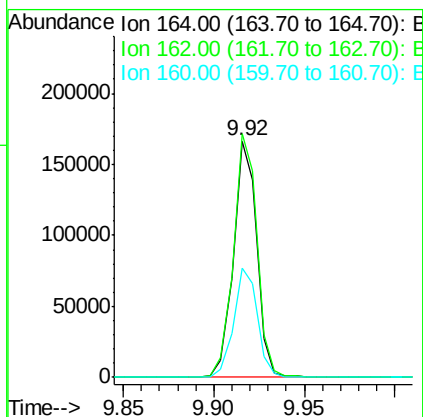
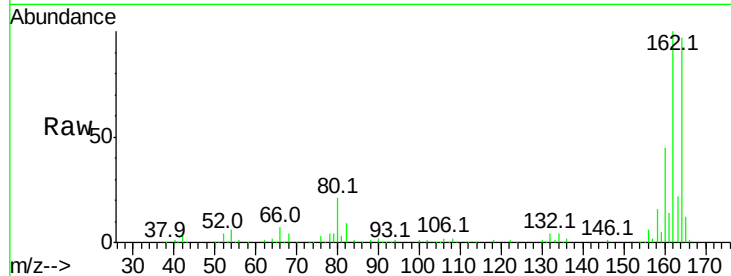




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

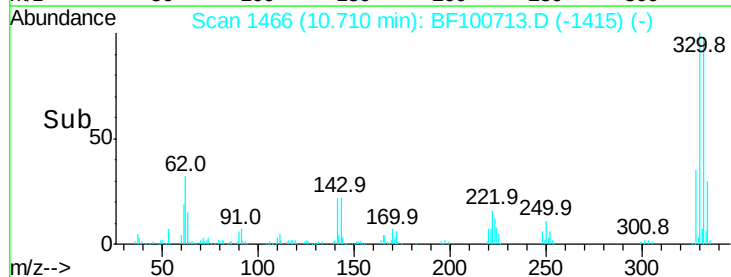
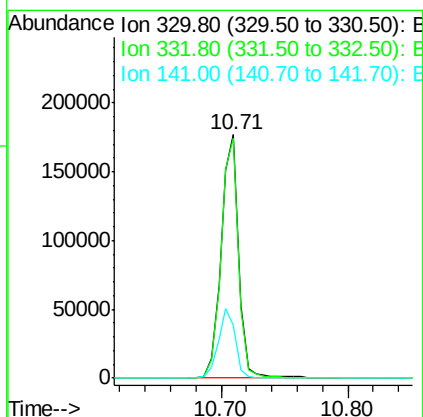
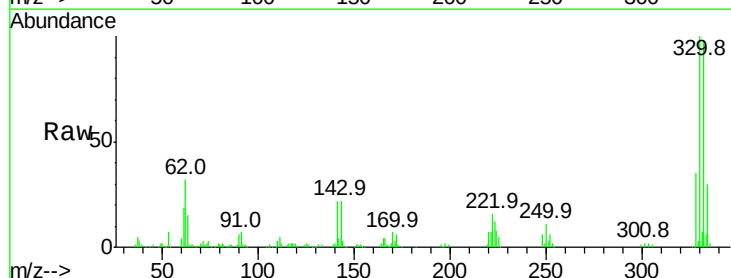
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-111617

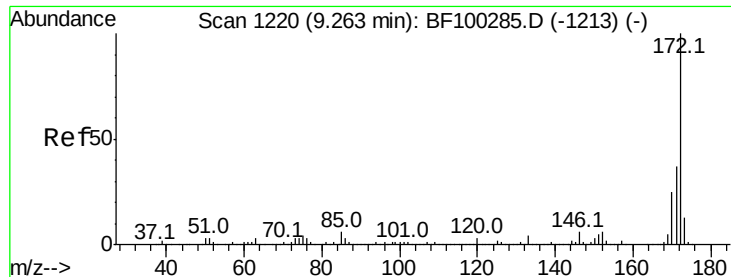
Tot Ion:164 Resp: 148675
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 46.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 112.234 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Tgt Ion:330 Resp: 170034
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 27.9 29.9 44.9#

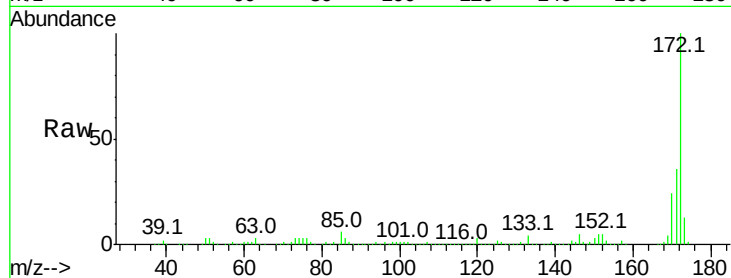




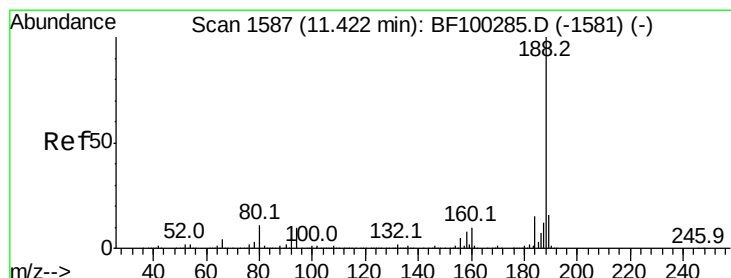
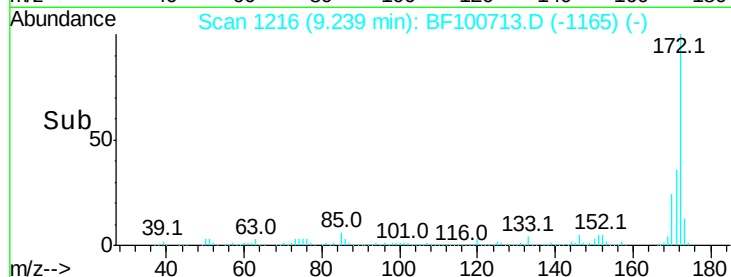
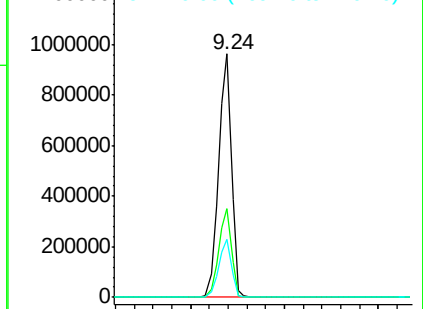
#44
2-Fluorobiphenyl
Concen: 95.120 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_F
ClientSampleId :
OK-01-111617

Tot Ion:172 Resp: 928734
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.7 19.6 29.4

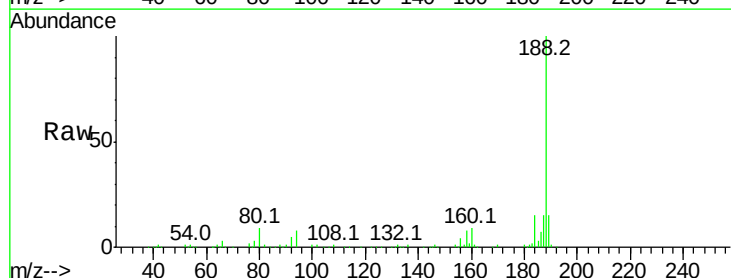


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

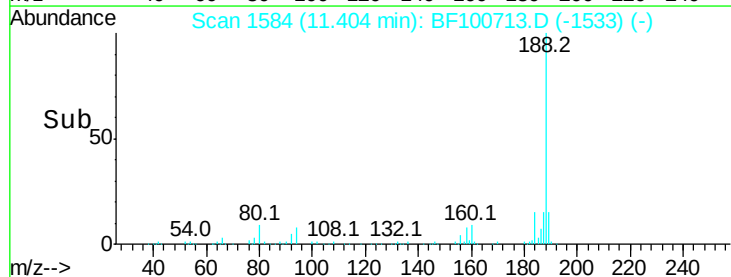
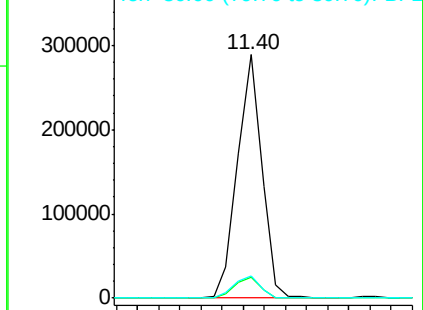


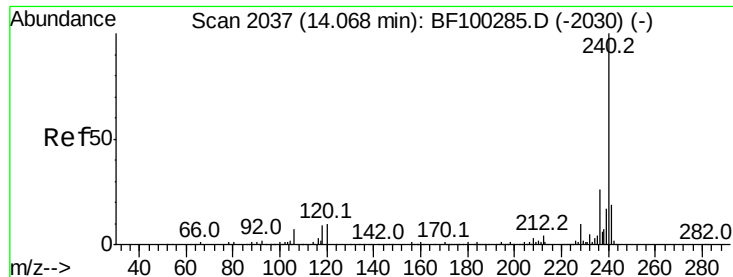
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Tgt Ion:188 Resp: 231621
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.1 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: BF100713.D

Acq: 18 Nov 2017 10:50

Instrument :

BNA_F

ClientSampleId :

OK-01-111617

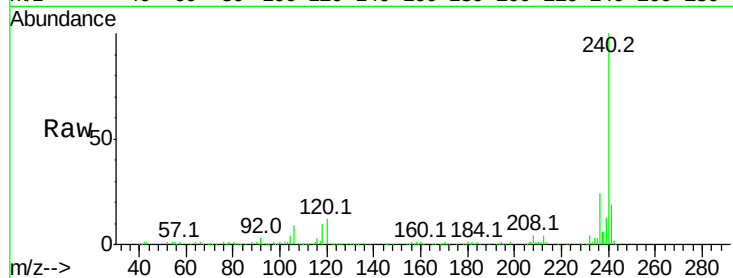
Tot Ion:240 Resp: 204508

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

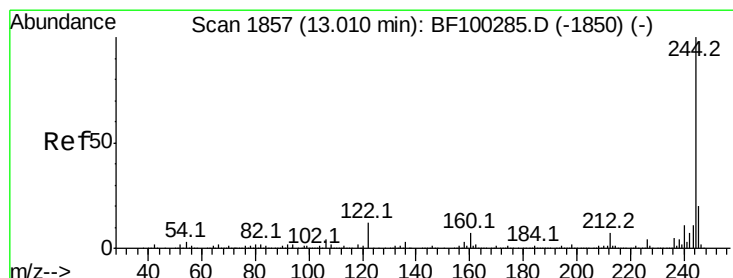
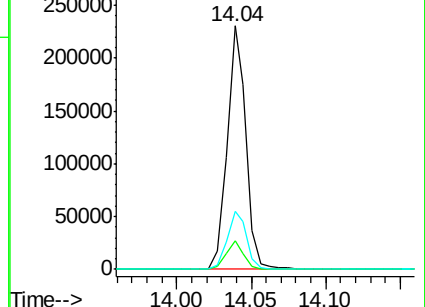
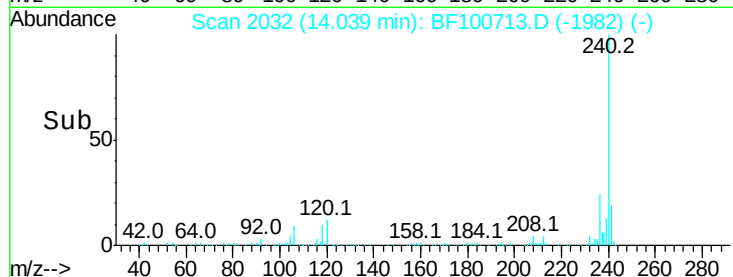
236 24.0 20.7 31.1



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: 80.035 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100713.D

Acq: 18 Nov 2017 10:50

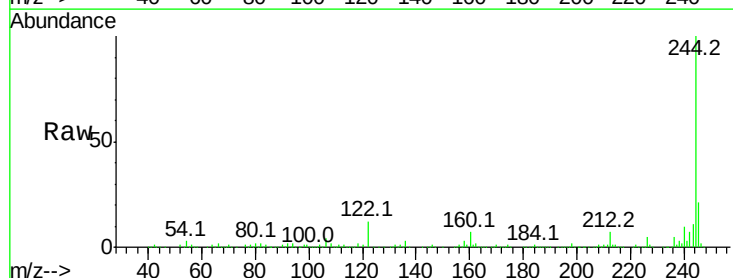
Tgt Ion:244 Resp: 712357

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

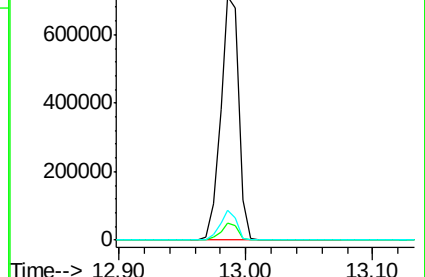
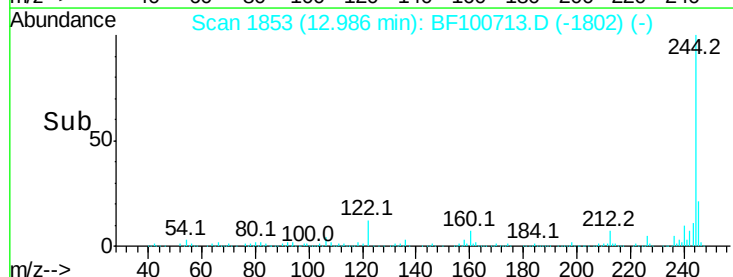
122 12.3 11.0 16.4

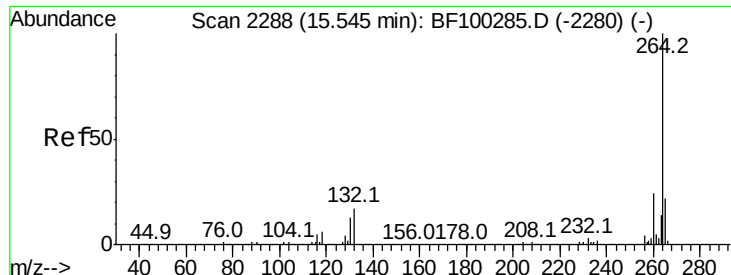


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF100713.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_F
ClientSampleId :
OK-01-111617

Tot Ion: 264 Resp: 163740

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.4	17.5	26.3

