

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100714.D
 Acq On : 18 Nov 2017 11:17
 Operator : SJ/JU
 Sample : I6304-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-A

Quant Time: Nov 20 04:02:46 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

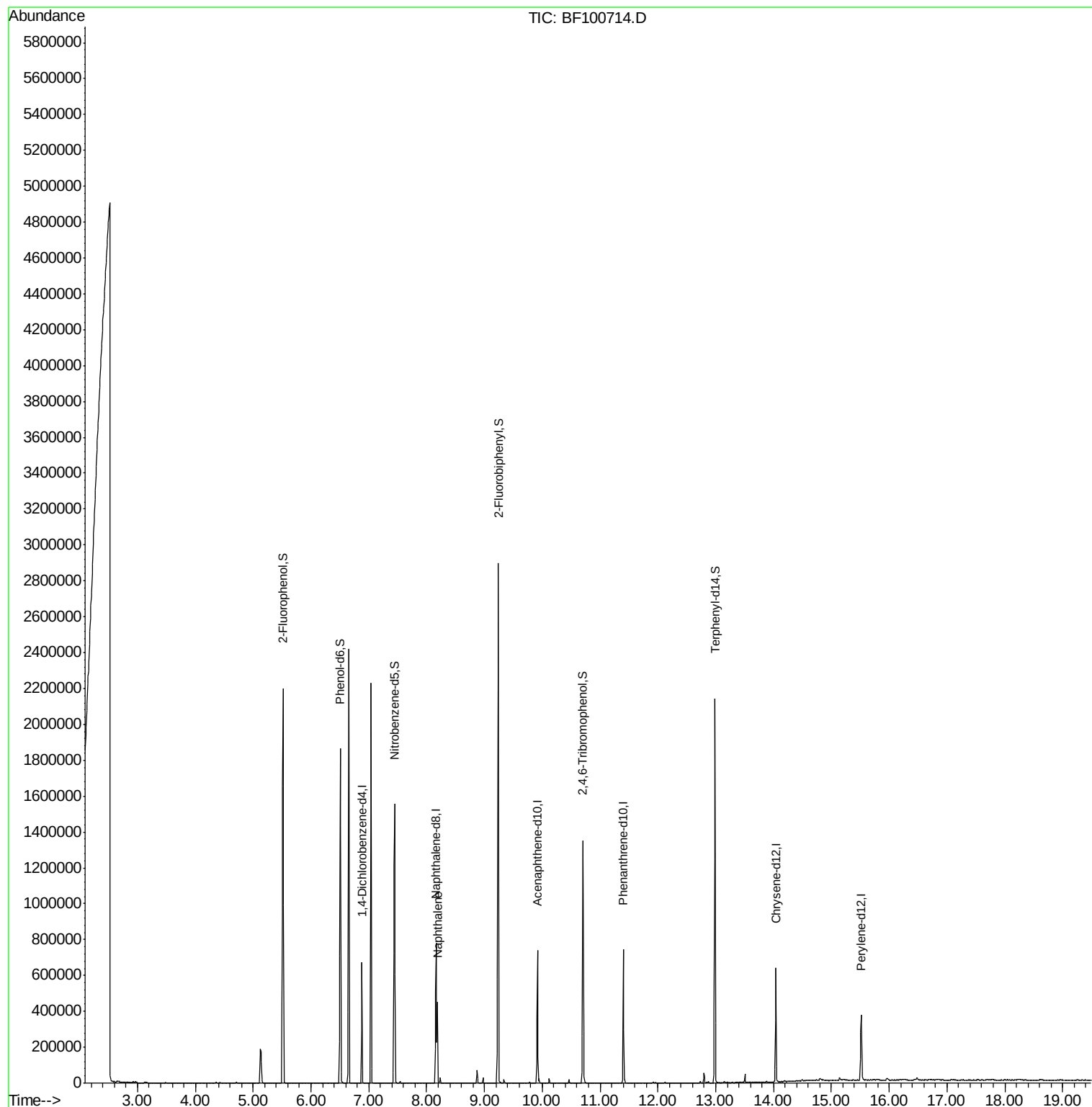
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94474	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	368131	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	157960	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	259581	20.00	ng	0.00
75) Chrysene-d12	14.04	240	214524	20.00	ng	0.00
86) Perylene-d12	15.52	264	177395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	654308	111.02	ng	0.02
7) Phenol-d6	6.51	99	716170	98.54	ng	0.00
23) Nitrobenzene-d5	7.45	82	541703	97.29	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	201760	125.35	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1061971	102.37	ng	0.00
78) Terphenyl-d14	12.99	244	831093	89.02	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	222593	12.554	ng	Qvalue 98

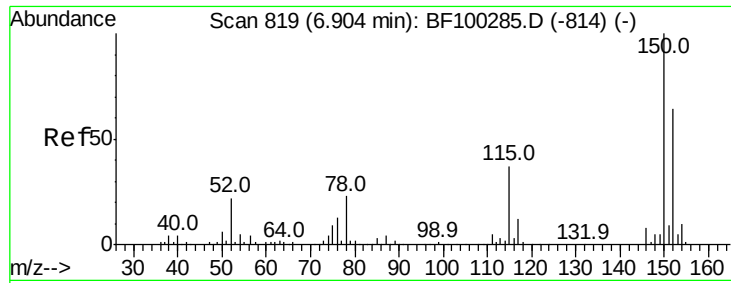
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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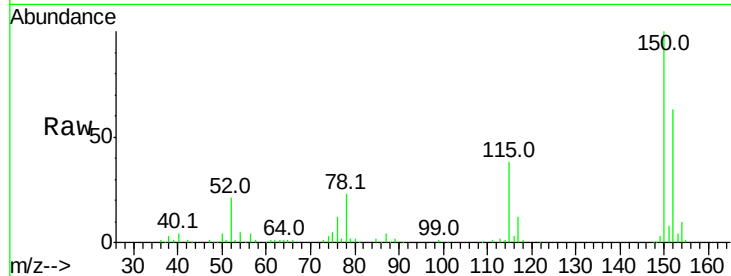


#1

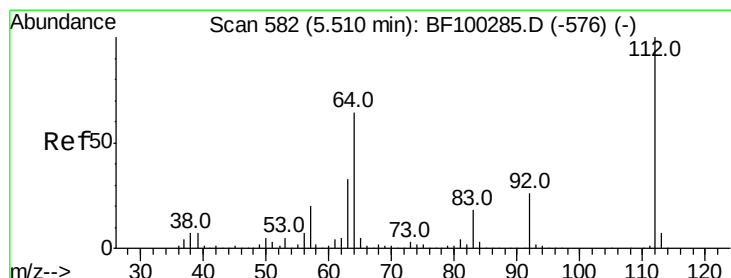
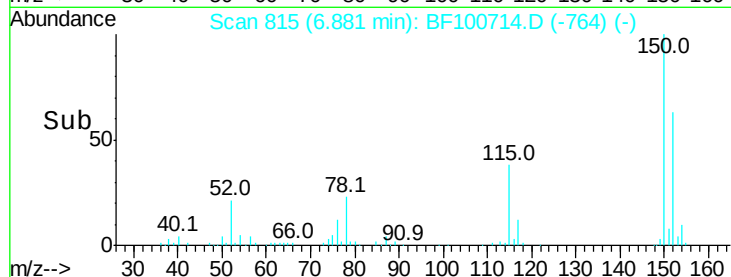
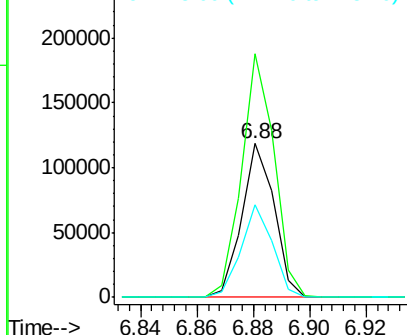
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

Tot Ion:152 Resp: 94474
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 60.1 50.1 75.1



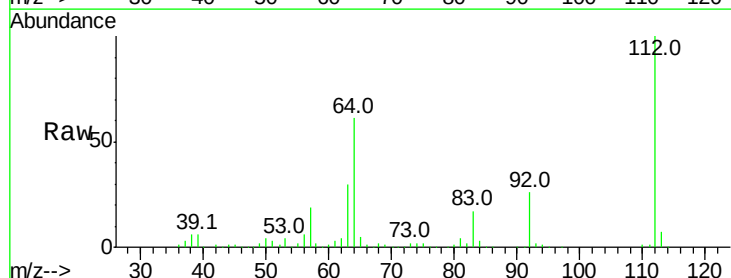
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



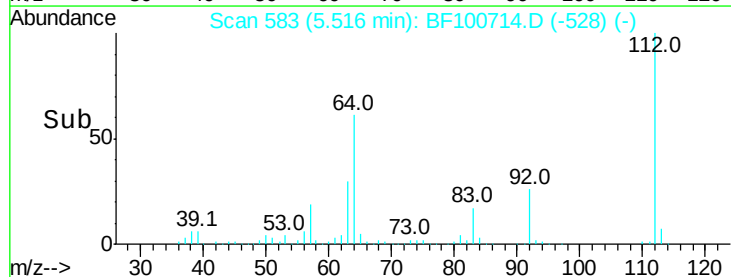
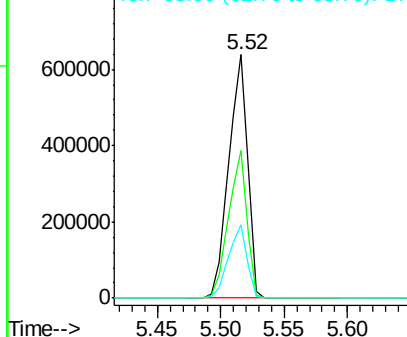
#5

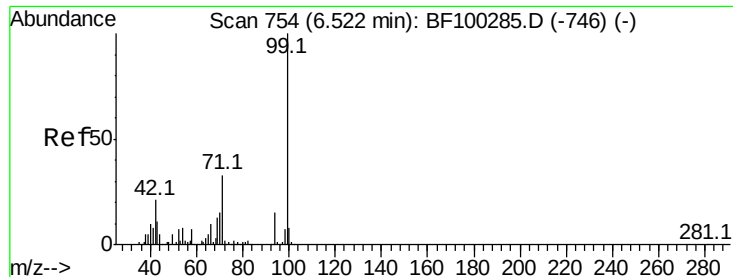
2-Fluorophenol
Concen: 111.020 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Tgt Ion:112 Resp: 654308
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.4 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: 98.543 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100714.D

Acq: 18 Nov 2017 11:17

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-A

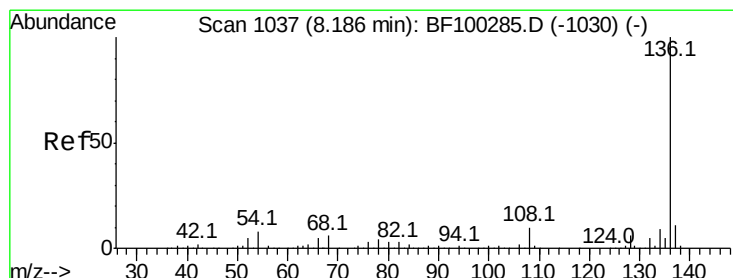
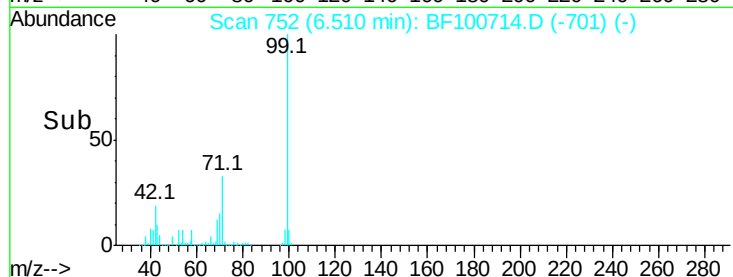
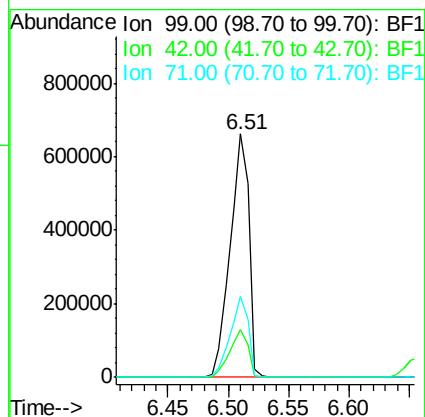
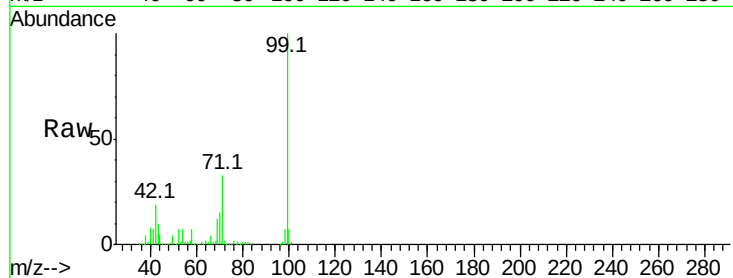
Tot Ion: 99 Resp: 716170

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.3 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: BF100714.D

Acq: 18 Nov 2017 11:17

Tgt Ion: 136 Resp: 368131

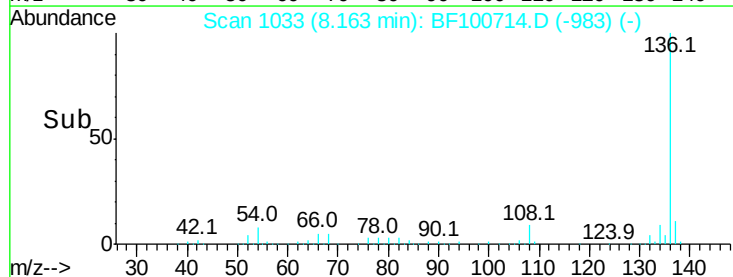
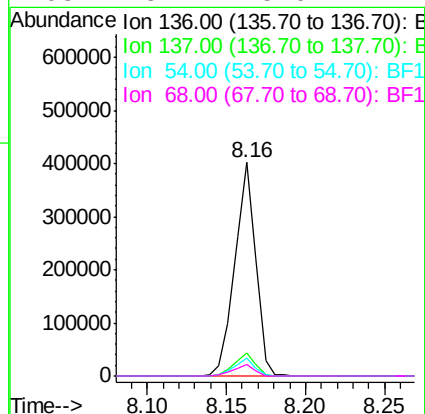
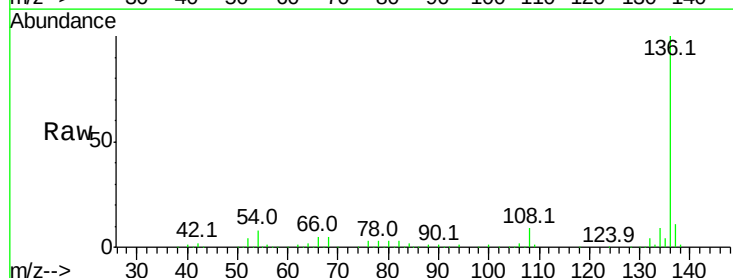
Ion Ratio Lower Upper

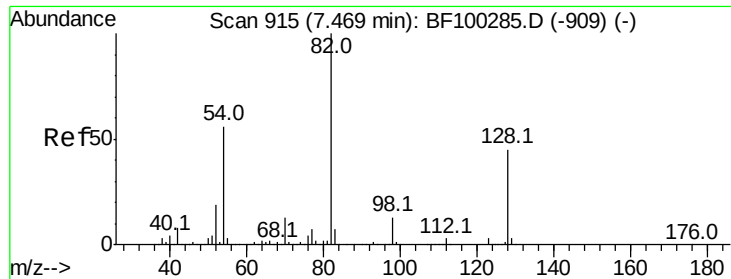
136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 5.2 5.0 7.4

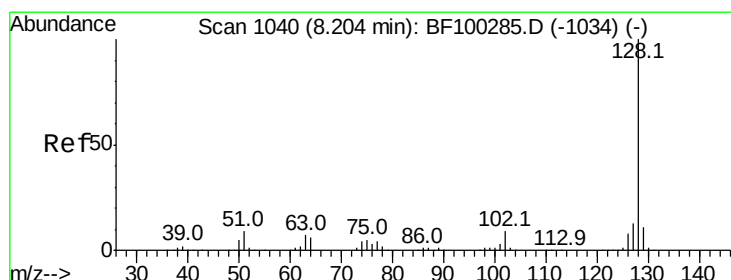
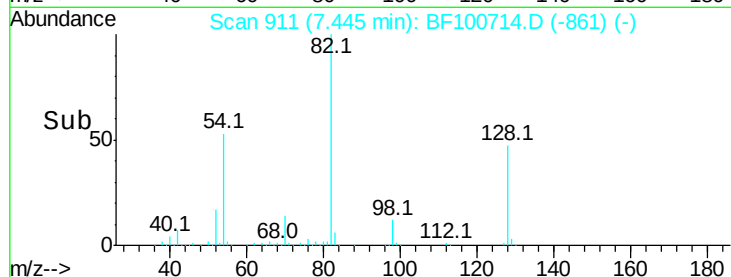
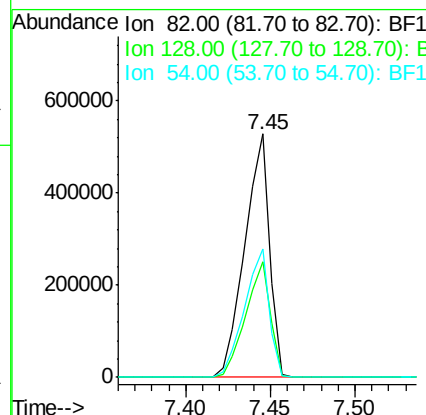
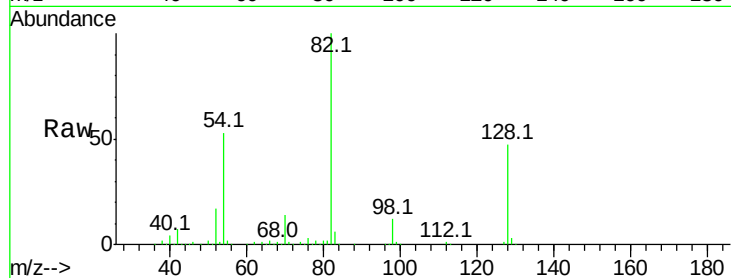




#23
 Nitrobenzene-d5
 Concen: 97.285 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

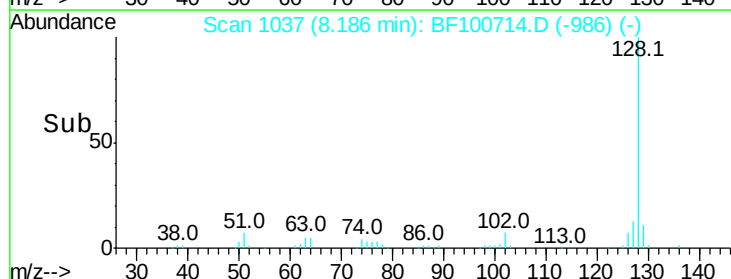
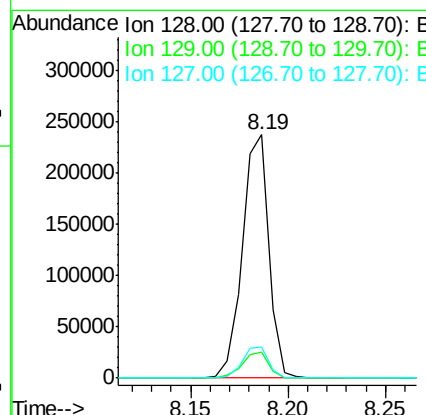
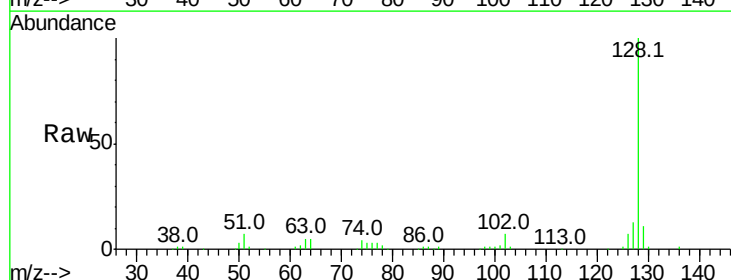
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-A

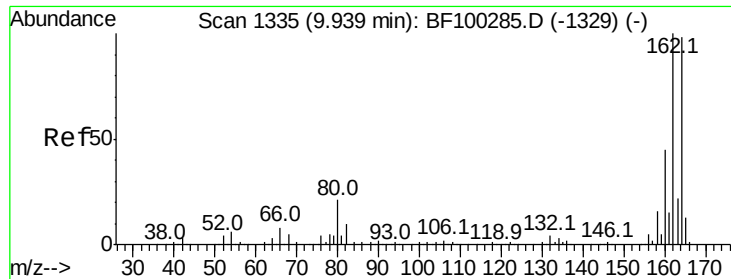
Tot Ion: 82 Resp: 541703
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 52.7 41.4 62.2



#31
 Naphthalene
 Concen: 12.554 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Tgt Ion: 128 Resp: 222593
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.8 13.2
 127 12.7 10.9 16.3

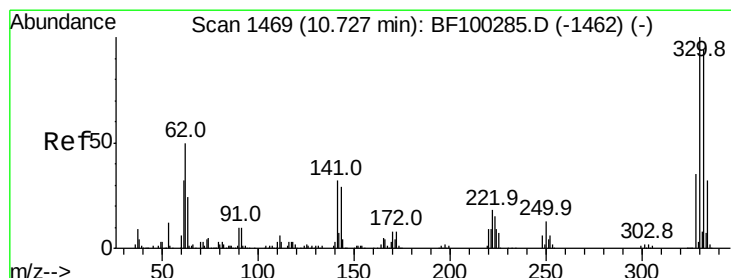
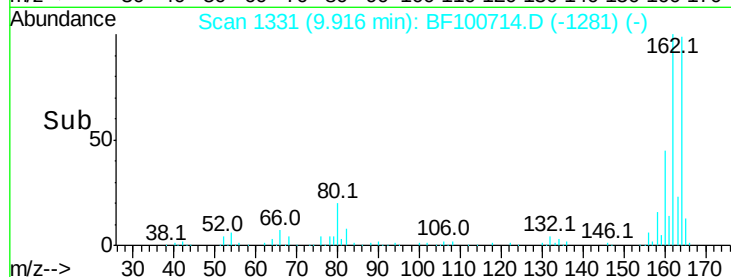
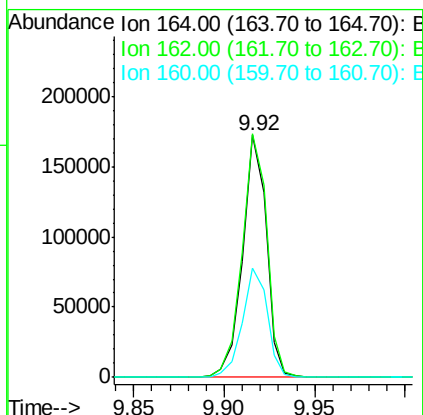
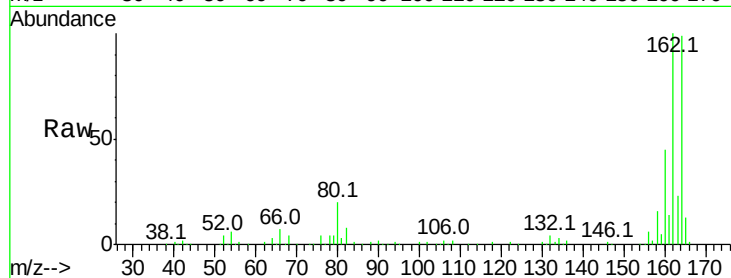




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

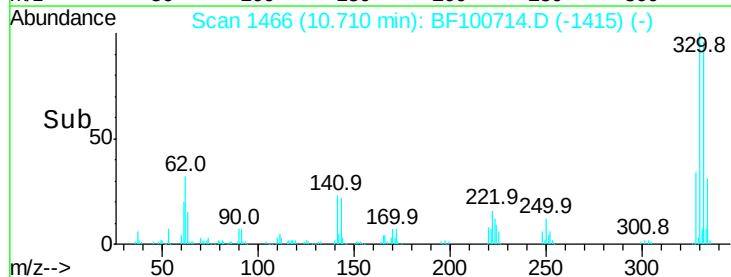
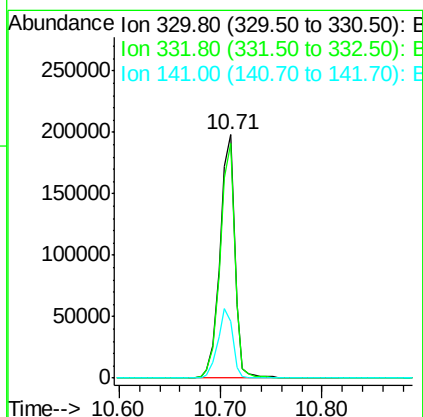
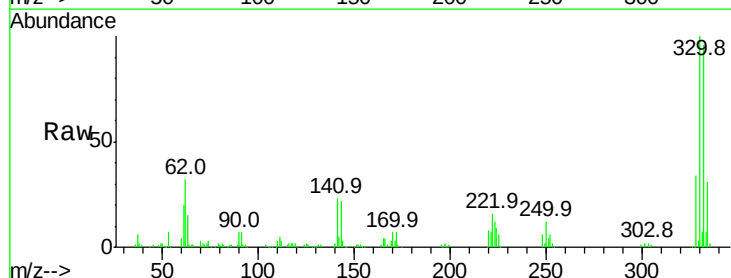
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-A

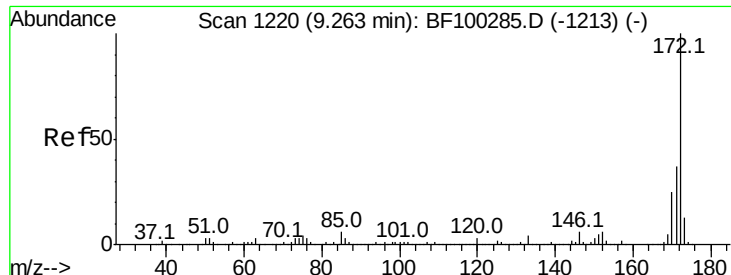
Tot Ion:164 Resp: 157960
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 125.347 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Tgt Ion:330 Resp: 201760
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 28.7 29.9 44.9#

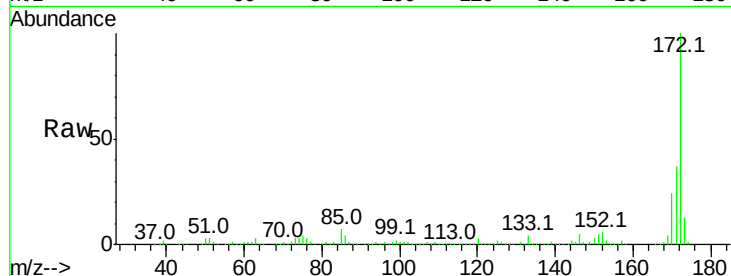




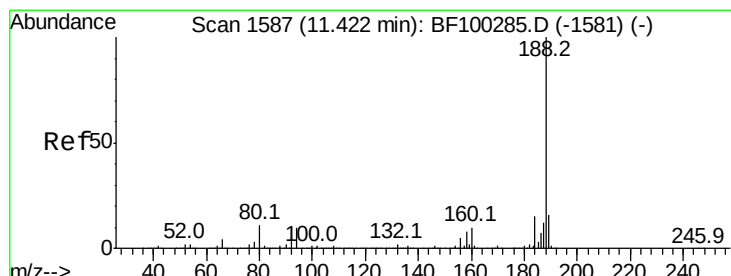
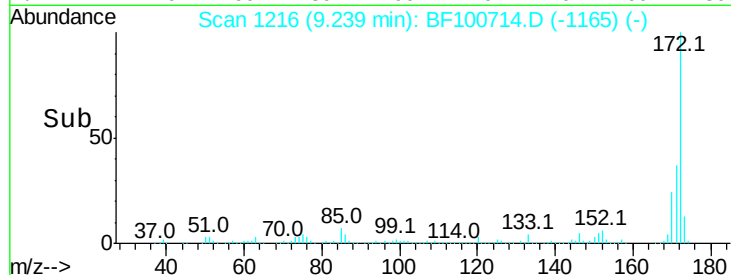
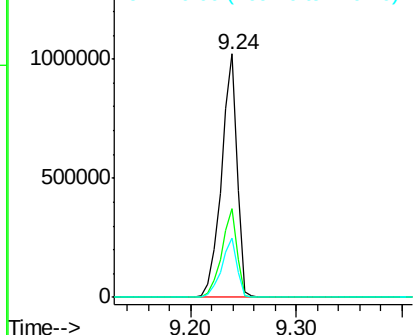
#44
 2-Fluorobiphenyl
 Concen: 102.372 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-A

Tot Ion:172 Resp: 1061971
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4

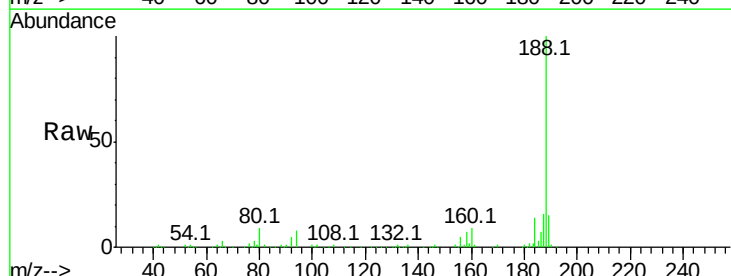


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

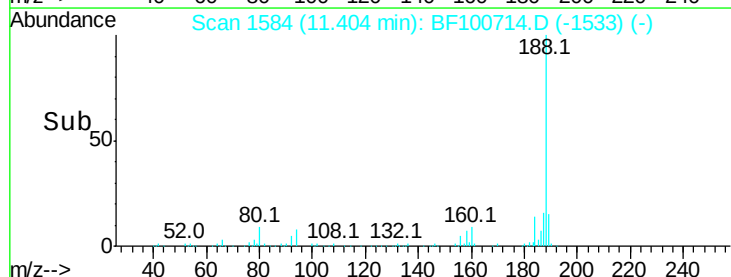
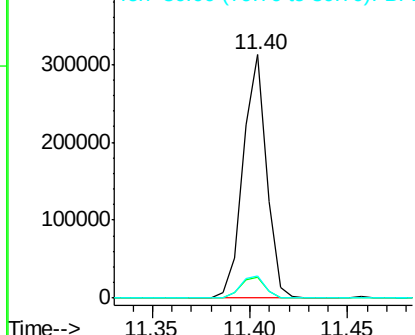


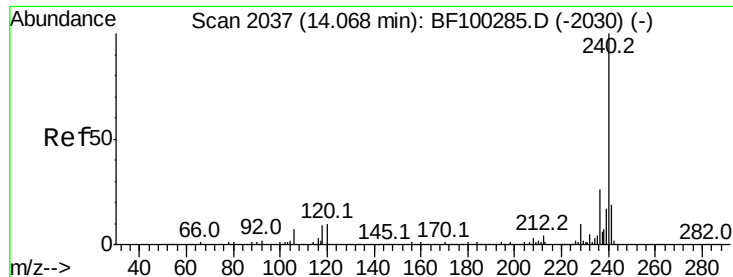
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Tgt Ion:188 Resp: 259581
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 9.3 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: BF100714.D

Acq: 18 Nov 2017 11:17

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-A

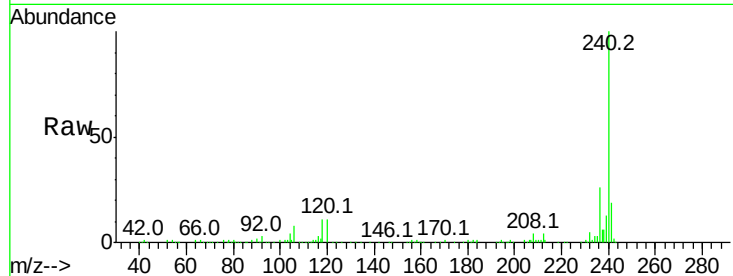
Tot Ion:240 Resp: 214524

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

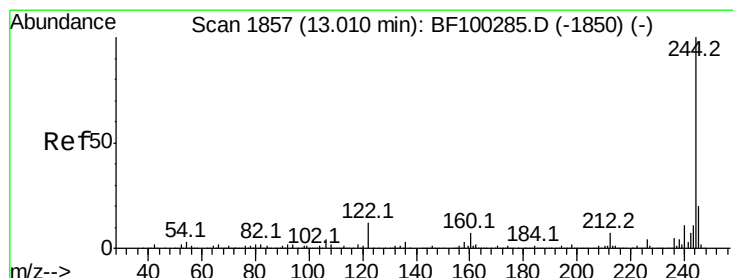
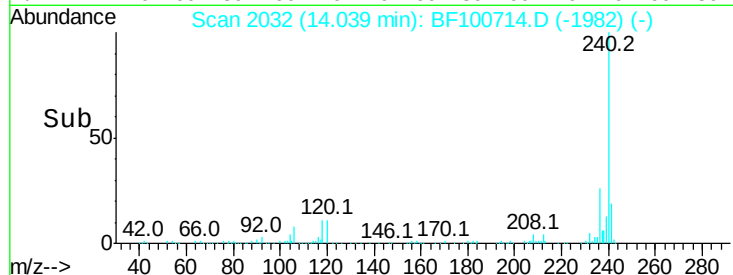
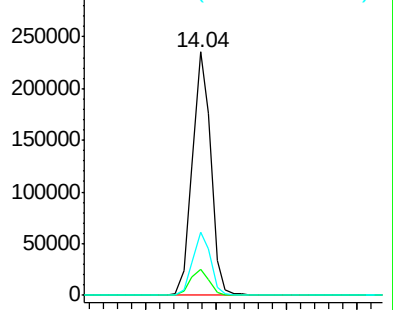
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 89.016 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100714.D

Acq: 18 Nov 2017 11:17

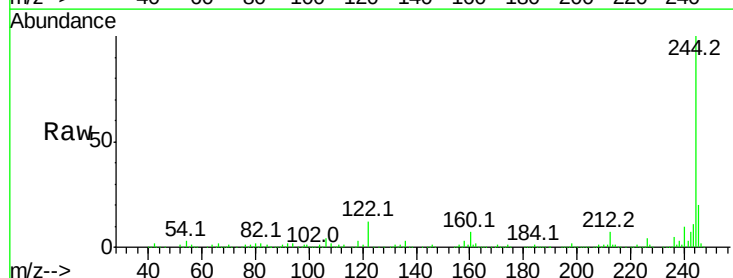
Tgt Ion:244 Resp: 831093

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

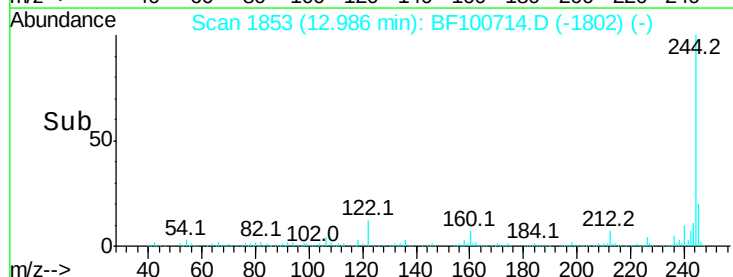
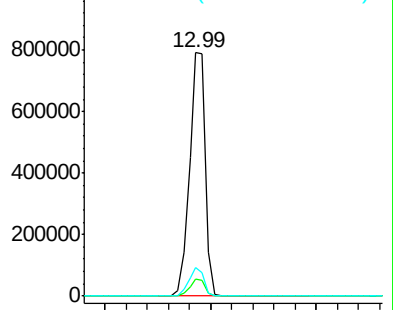
122 12.0 11.0 16.4

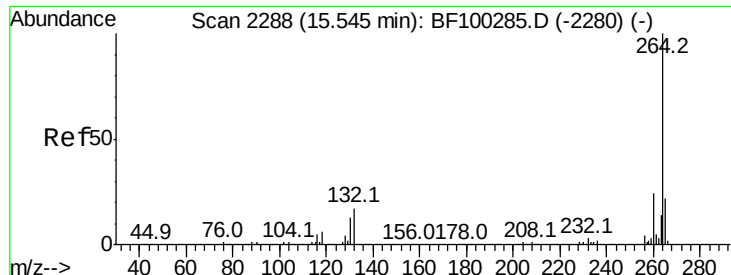


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

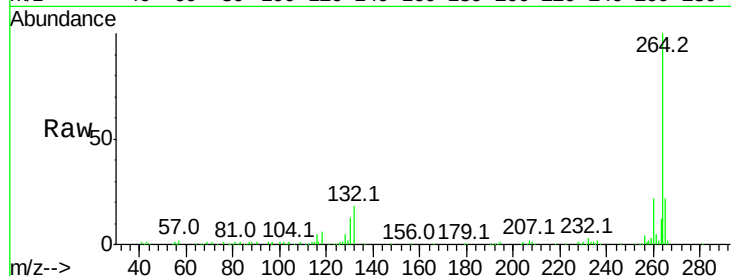




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-A

Tot Ion:	264	Resp:	177395
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.9	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

