

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100606.D
 Acq On : 16 Nov 2017 00:17
 Operator : SJ/JU
 Sample : I6426-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110917-TIDO-E-U-S

Quant Time: Nov 16 06:03:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	130821	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	496706	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	202959	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	312683	20.00	ng	0.00
75) Chrysene-d12	14.04	240	255355	20.00	ng	-0.01
86) Perylene-d12	15.51	264	272764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	347800	42.62	ng	0.00
7) Phenol-d6	6.50	99	257229	25.56	ng	-0.02
23) Nitrobenzene-d5	7.45	82	797707	106.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	178893	86.50	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1354101	101.59	ng	0.00
78) Terphenyl-d14	12.99	244	853645	76.81	ng	0.00

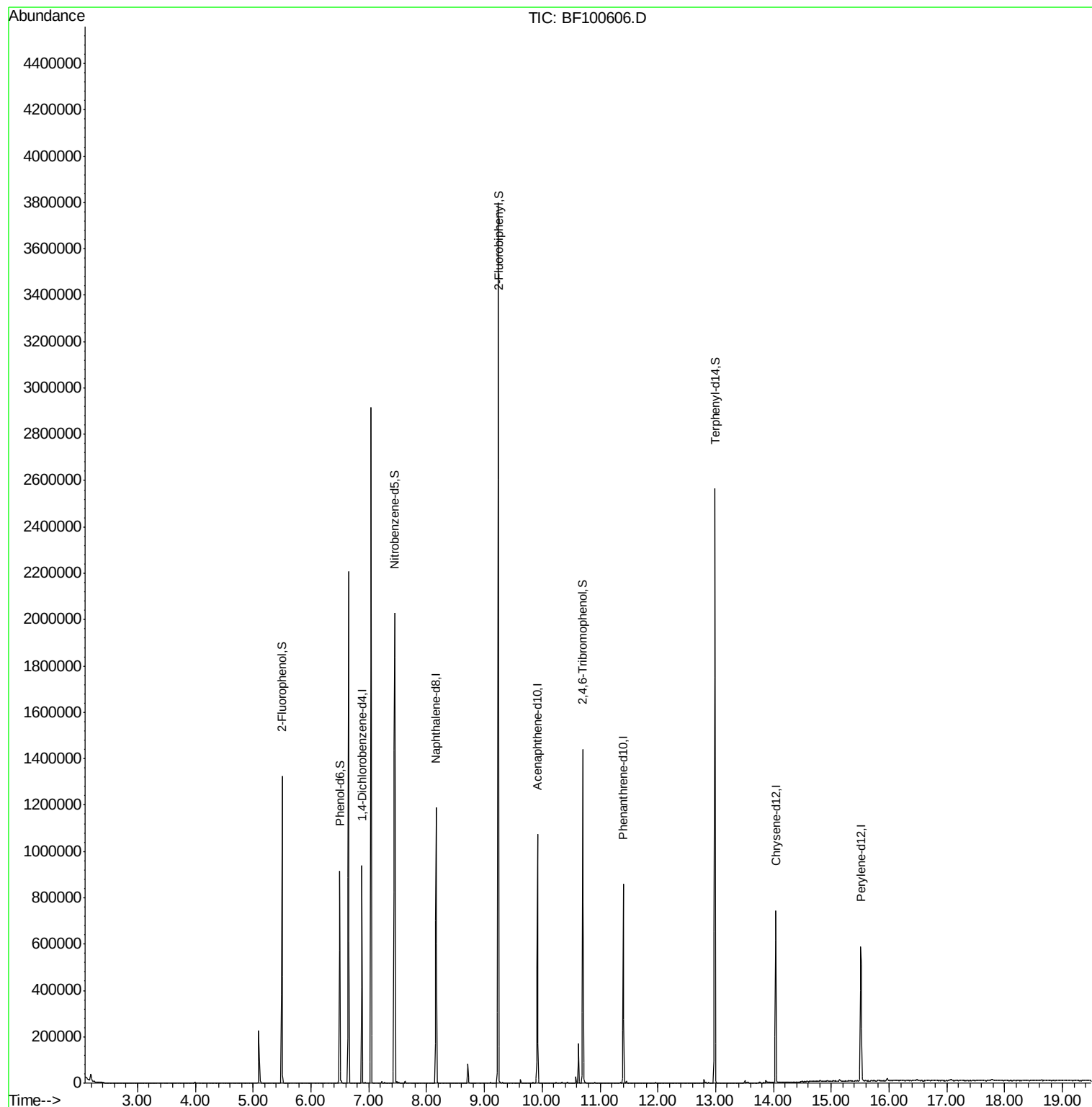
Target Compounds	Qvalue
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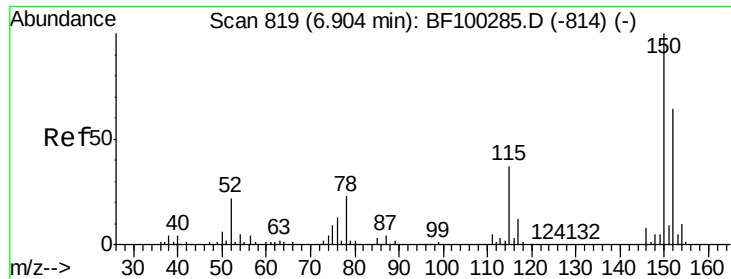
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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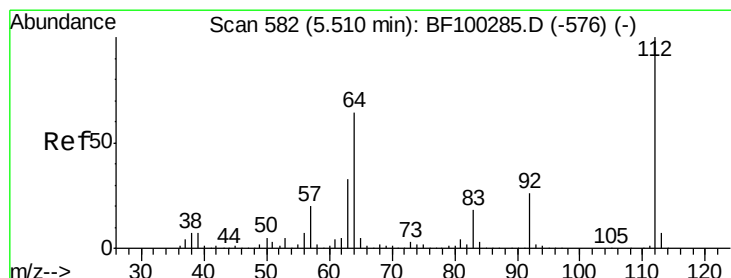
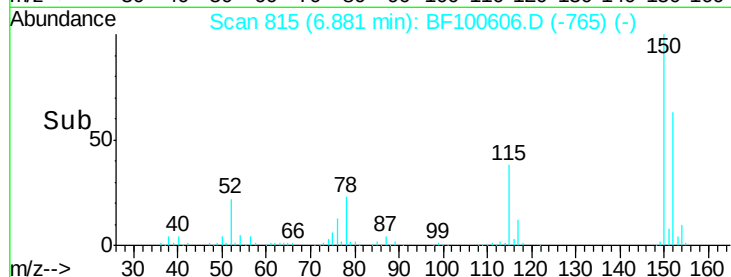
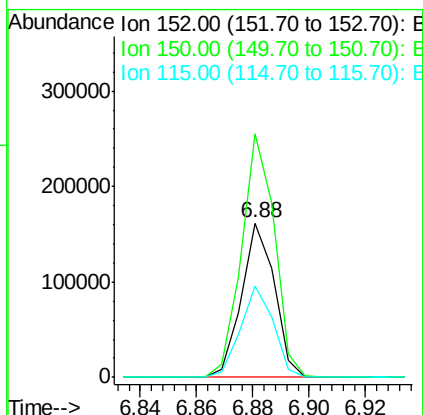
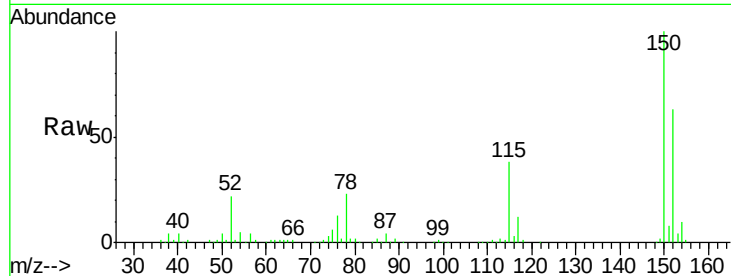


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-S

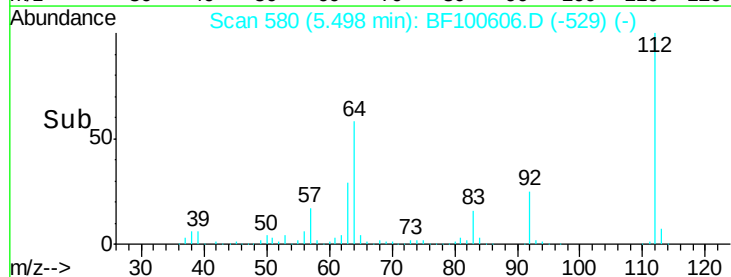
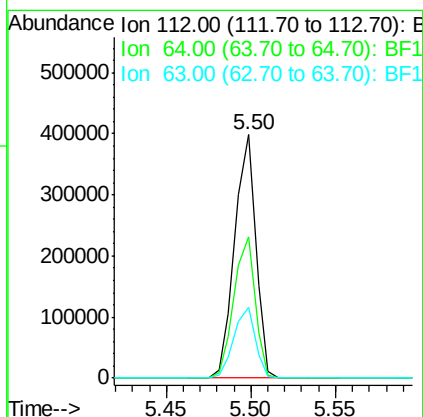
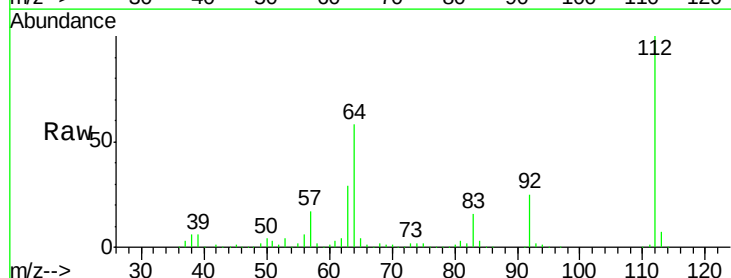
Tgt Ion:152 Resp: 130821
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.3 50.1 75.1

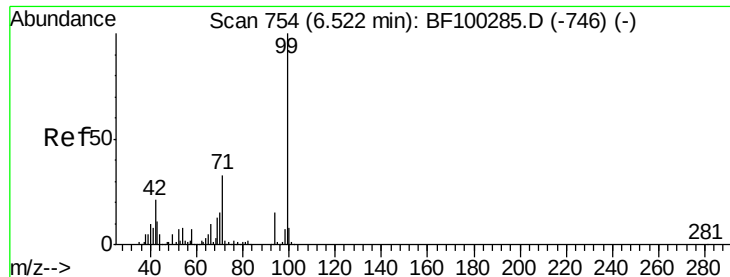


#5

2-Fluorophenol
Concen: 42.617 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Tgt Ion:112 Resp: 347800
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 25.560 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100606.D

Acq: 16 Nov 2017 00:17

Instrument :

BNA_F

ClientSampleId :

110917-TIDO-E-U-S

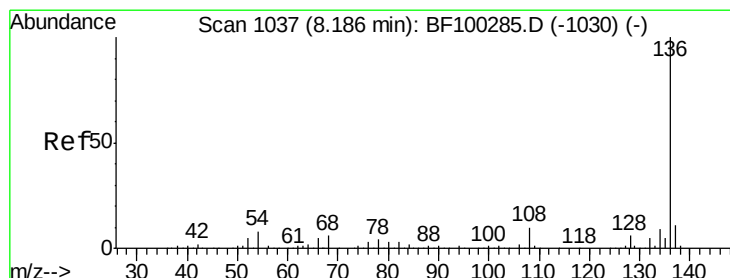
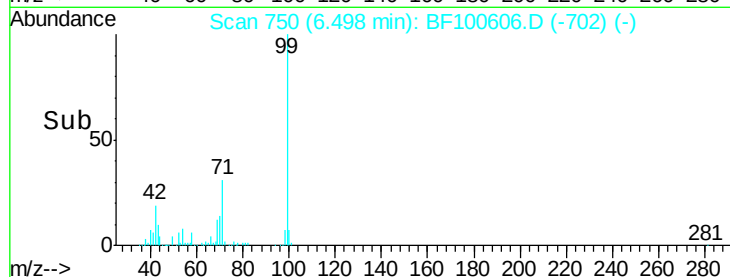
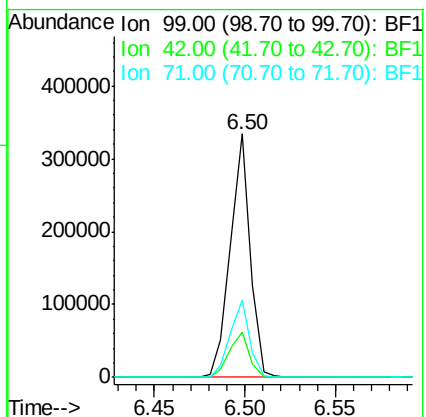
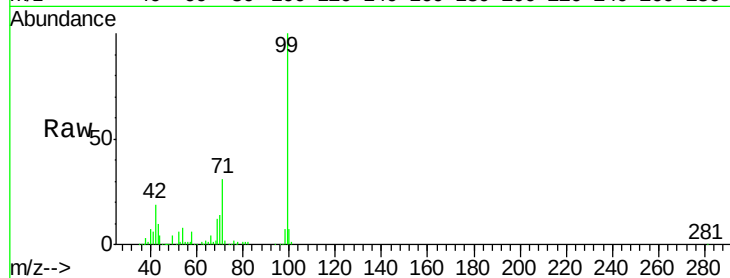
Tgt Ion: 99 Resp: 257229

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 31.5 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: BF100606.D

Acq: 16 Nov 2017 00:17

Tgt Ion: 136 Resp: 496706

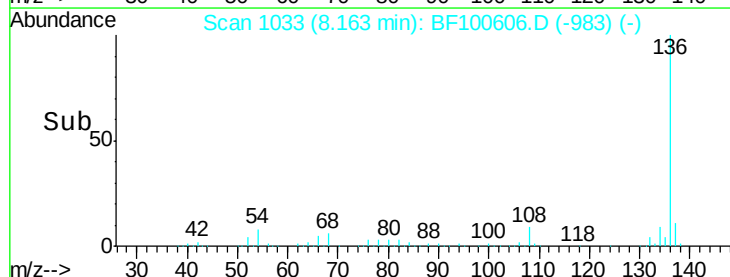
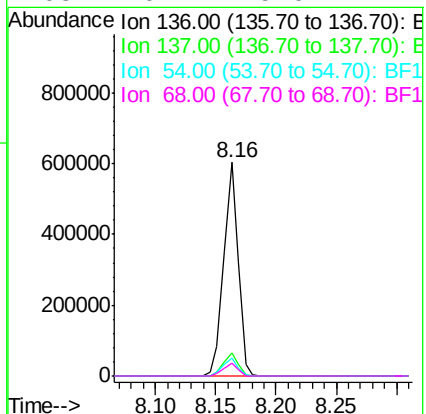
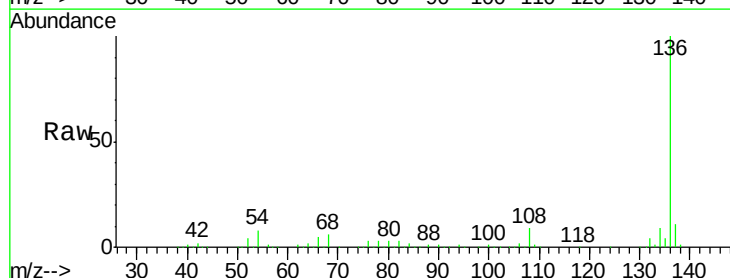
Ion Ratio Lower Upper

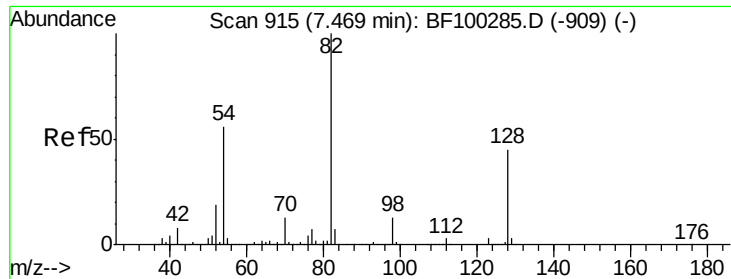
136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.1 5.0 7.4

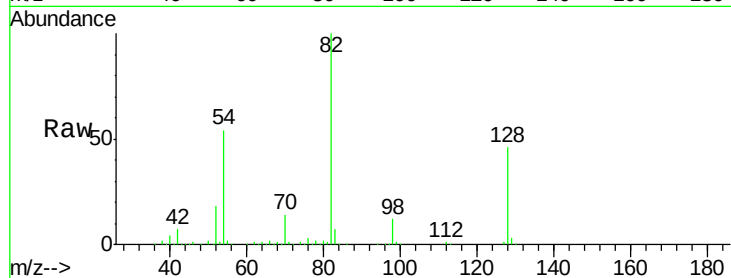




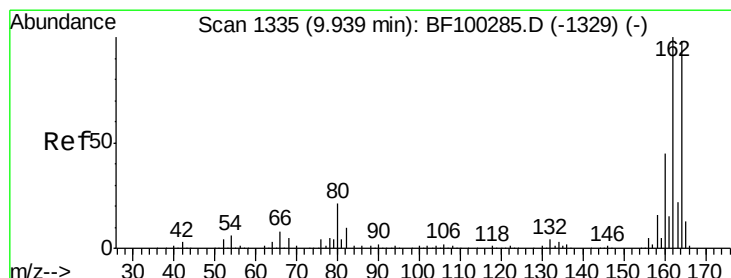
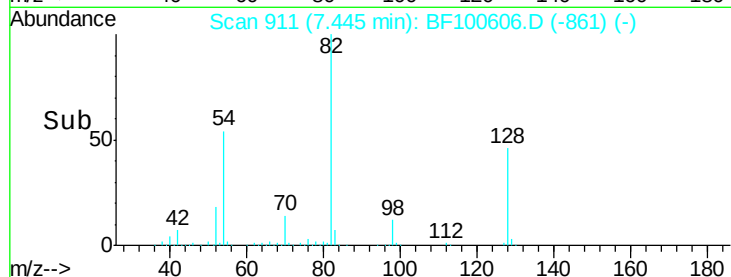
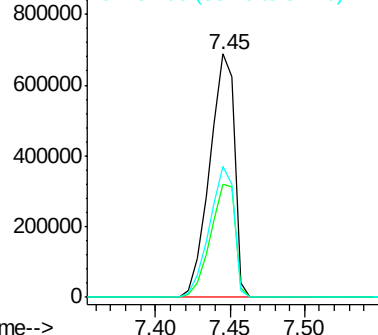
#23
 Nitrobenzene-d5
 Concen: 106.178 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 110917-TIDO-E-U-S

Tgt Ion: 82 Resp: 797707
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 54.0 41.4 62.2

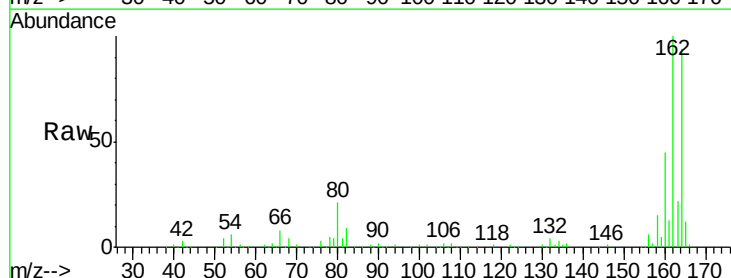


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

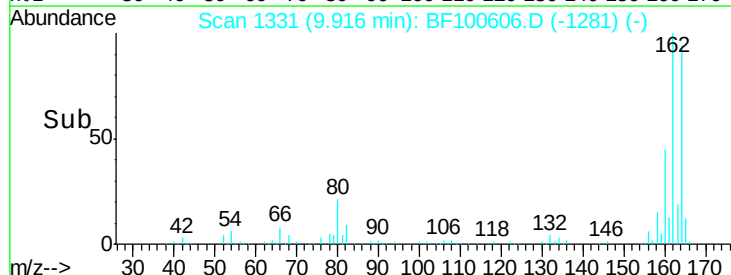
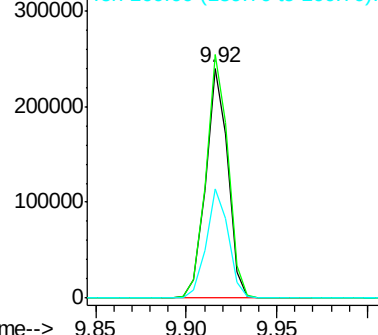


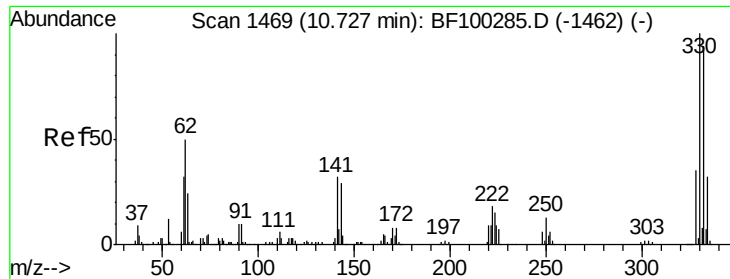
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

Tgt Ion: 164 Resp: 202959
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 47.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

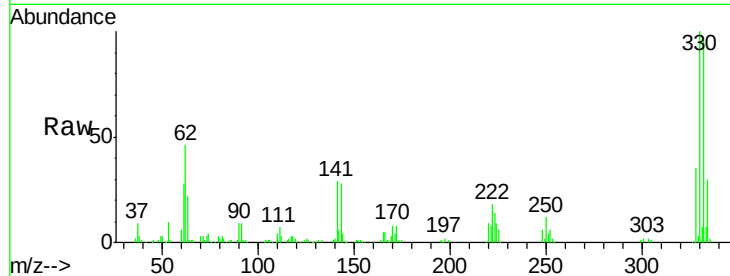




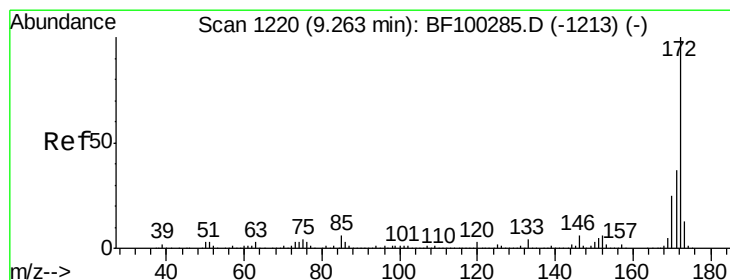
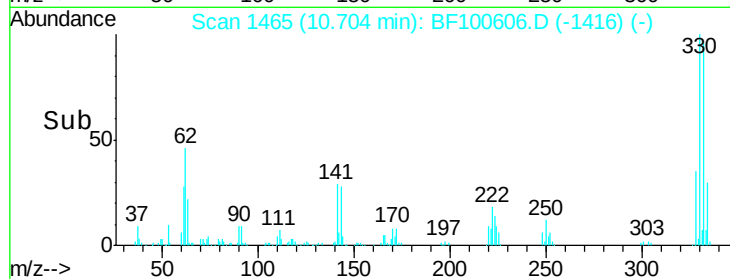
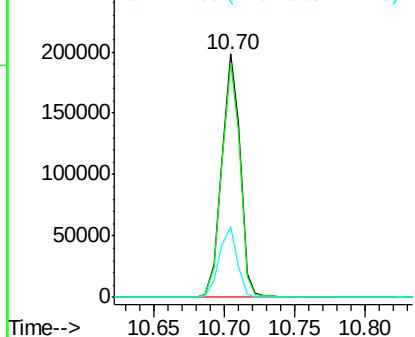
#41
 2,4,6-Tribromophenol
 Concen: 86.499 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 110917-TIDO-E-U-S

Tgt Ion: 330 Resp: 178893
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 28.7 29.9 44.9#

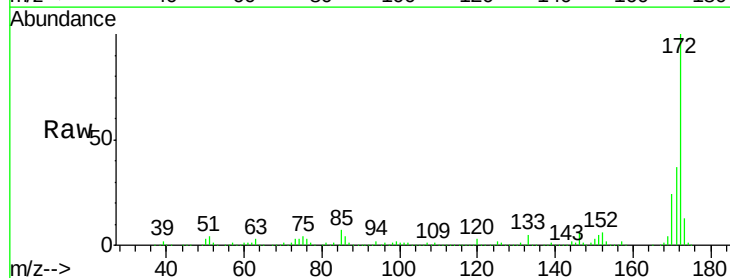


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

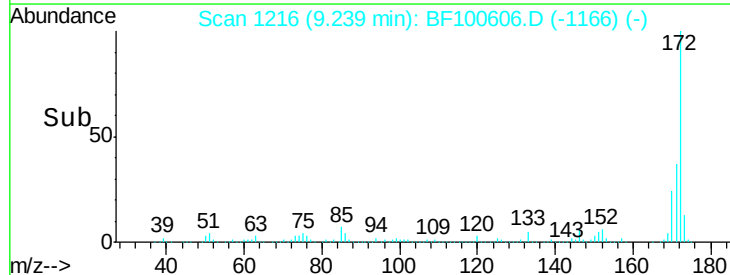
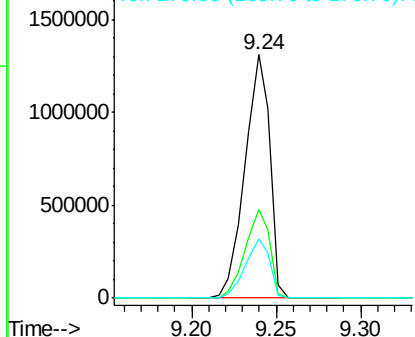


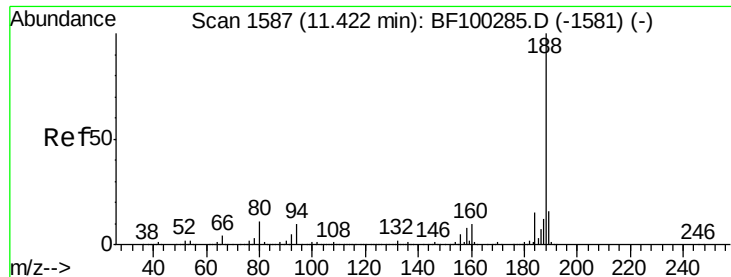
#44
 2-Fluorobiphenyl
 Concen: 101.592 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

Tgt Ion: 172 Resp: 1354101
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

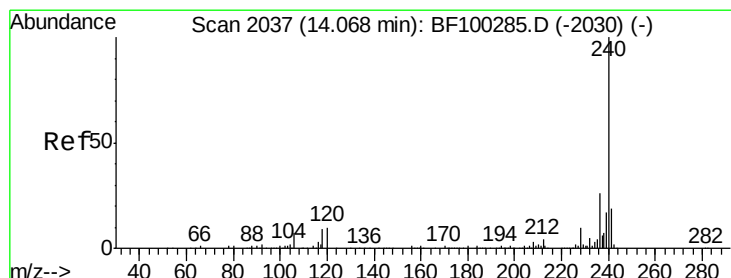
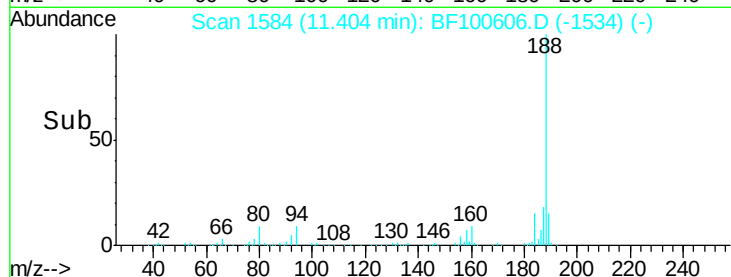
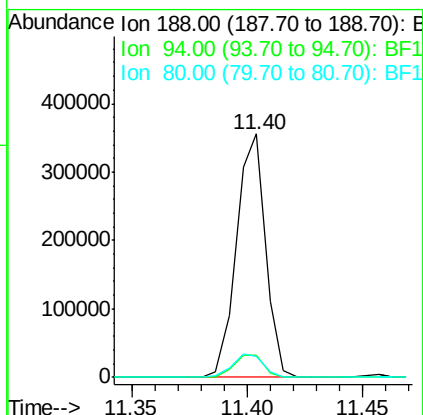
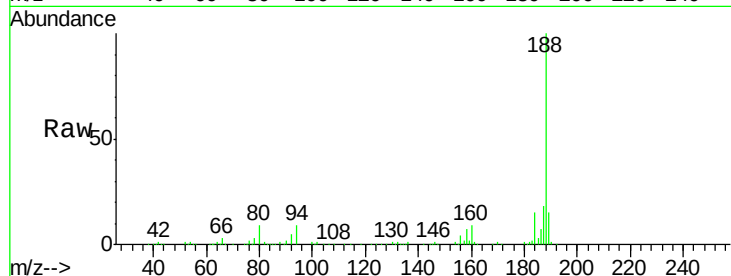




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

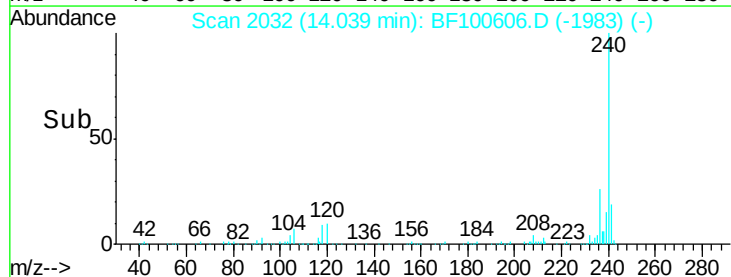
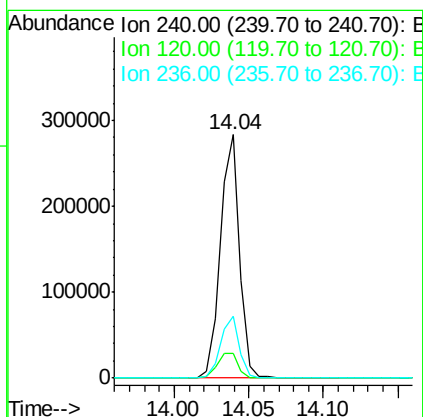
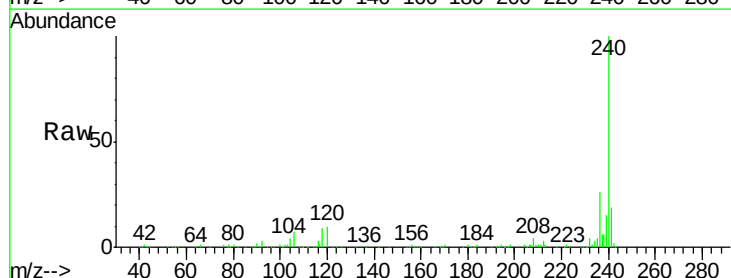
Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-S

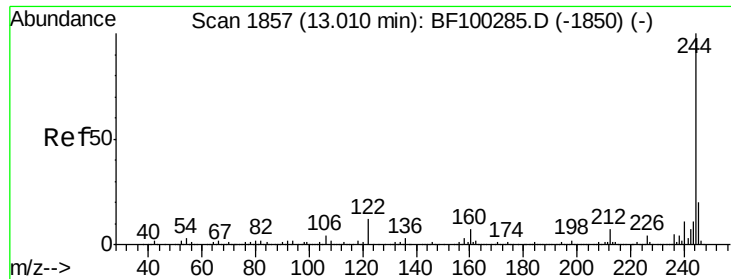
Tgt Ion:188 Resp: 312683
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 8.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Tgt Ion:240 Resp: 255355
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 76.812 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100606.D

Acq: 16 Nov 2017 00:17

Instrument :

BNA_F

ClientSampleId :

110917-TIDO-E-U-S

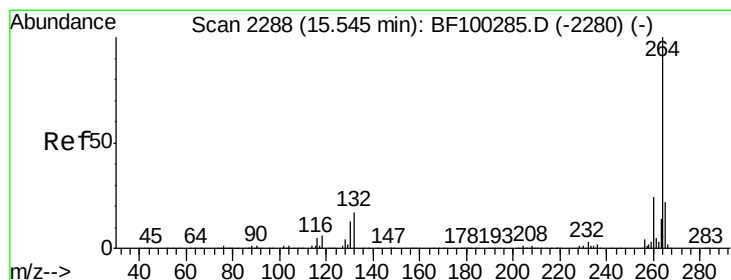
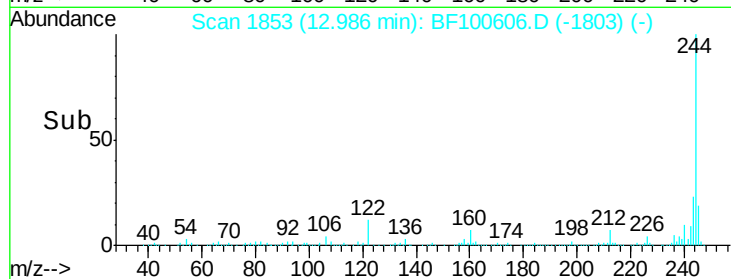
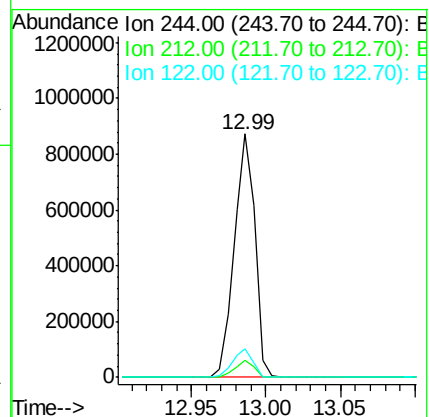
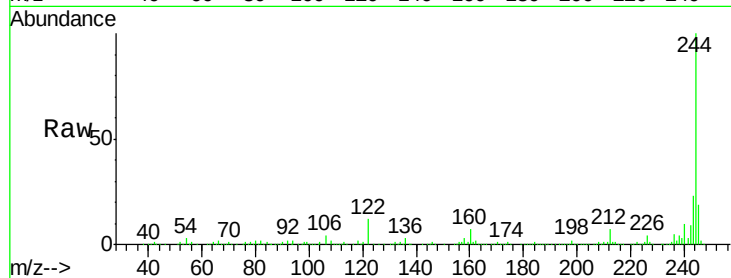
Tgt Ion:244 Resp: 853645

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.8 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100606.D

Acq: 16 Nov 2017 00:17

Tgt Ion:264 Resp: 272764

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 17.5 26.3

