

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100623.D
 Acq On : 16 Nov 2017 11:46
 Operator : SJ/JU
 Sample : PB104287BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BL

Quant Time: Nov 16 13:06:55 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 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	101009	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	397449	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	189171	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	381182	20.00	ng	0.00
75) Chrysene-d12	14.04	240	313374	20.00	ng	0.00
86) Perylene-d12	15.51	264	224531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	664568	105.47	ng	0.00
7) Phenol-d6	6.50	99	792014	101.93	ng	0.00
23) Nitrobenzene-d5	7.44	82	489374	81.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	204396	106.03	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	979007	78.80	ng	0.00
78) Terphenyl-d14	12.99	244	995421	72.99	ng	0.00

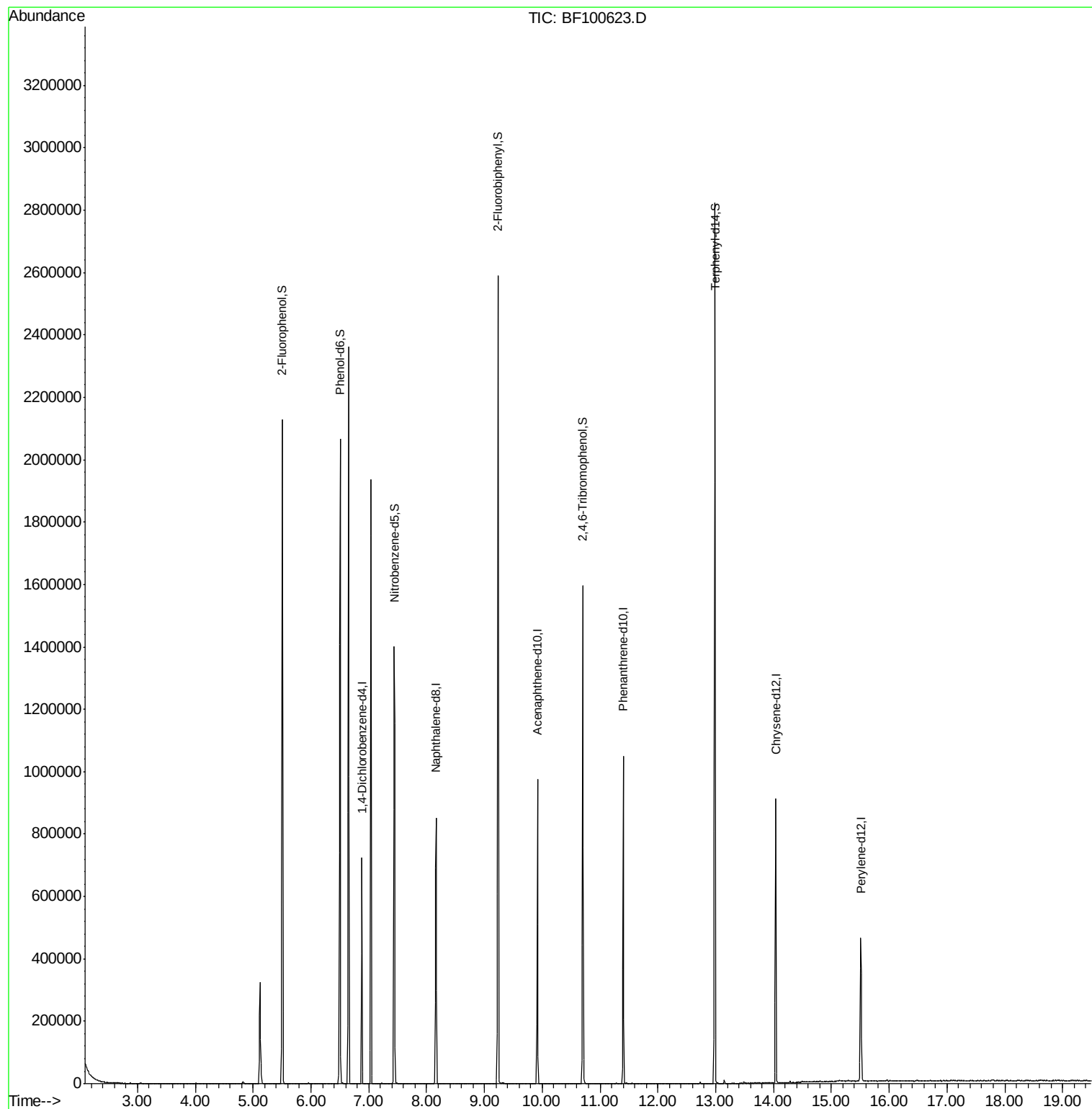
Target Compounds Qvalue

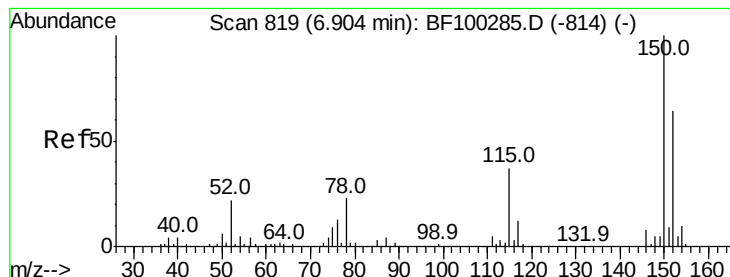
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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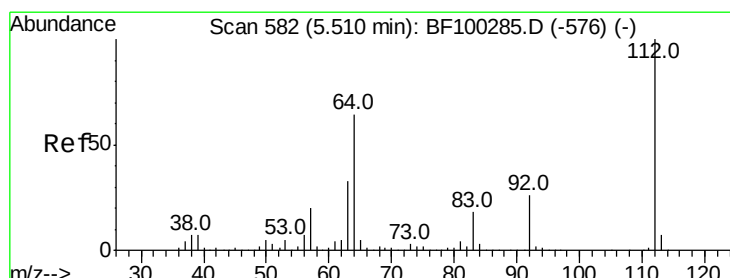
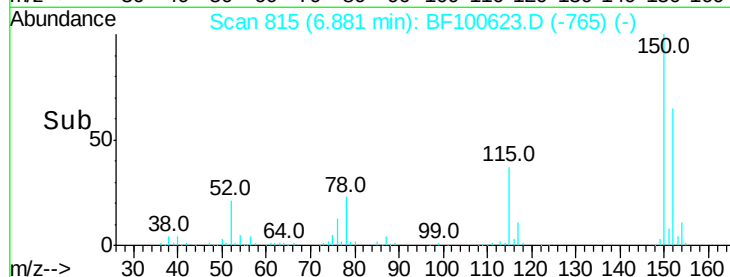
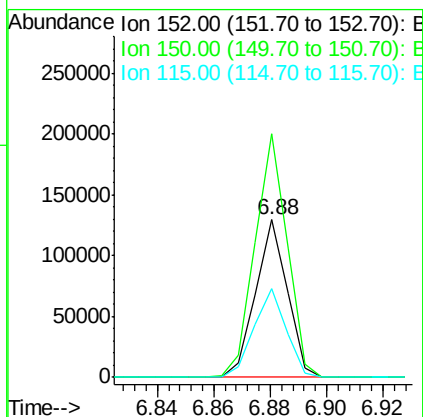
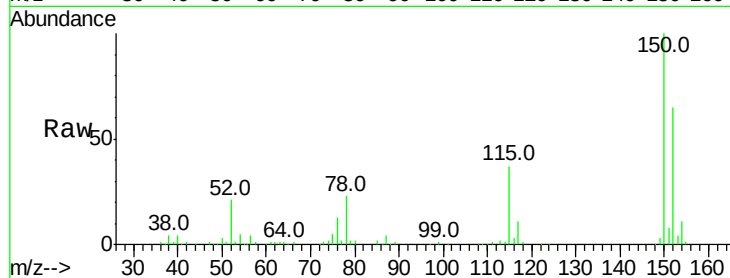


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BL

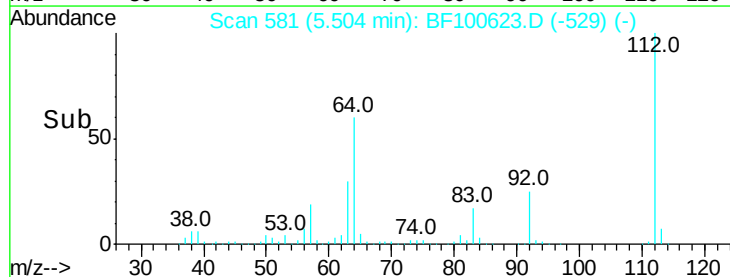
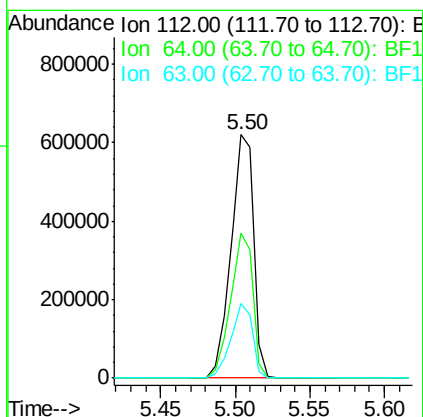
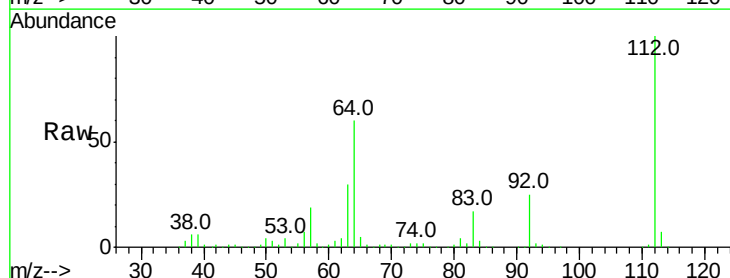
Tot Ion:152 Resp: 101009
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 56.7 50.1 75.1

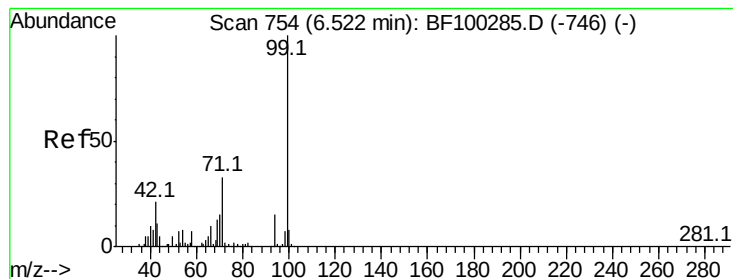


#5

2-Fluorophenol
 Concen: 105.465 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Tgt Ion:112 Resp: 664568
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 101.928 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

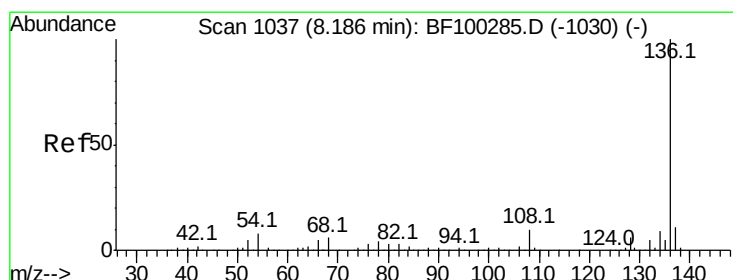
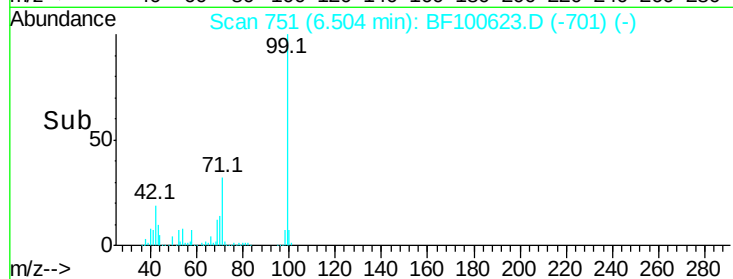
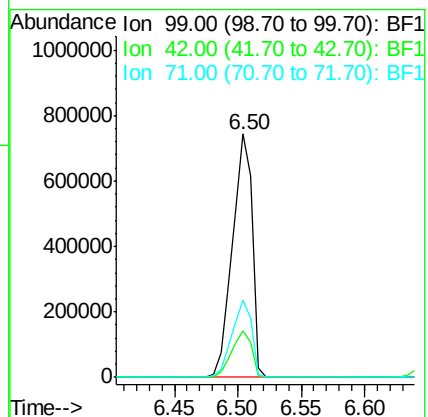
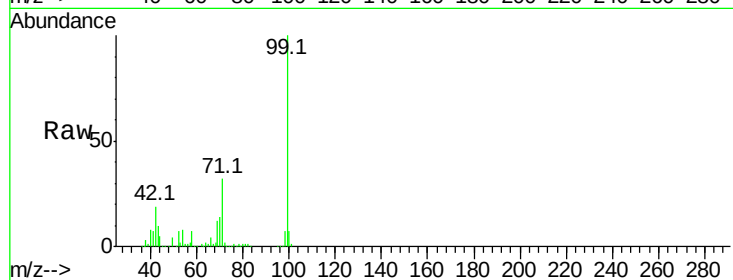
Tot Ion: 99 Resp: 792014

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 31.6 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: BF100623.D

Acq: 16 Nov 2017 11:46

Tgt Ion: 136 Resp: 397449

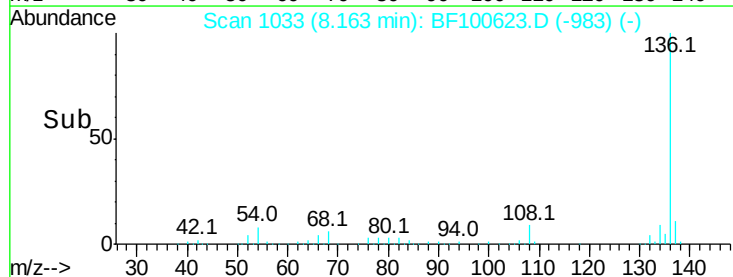
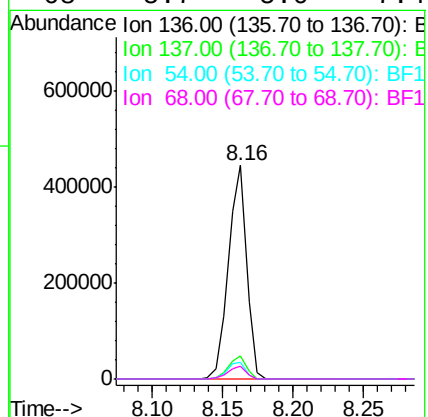
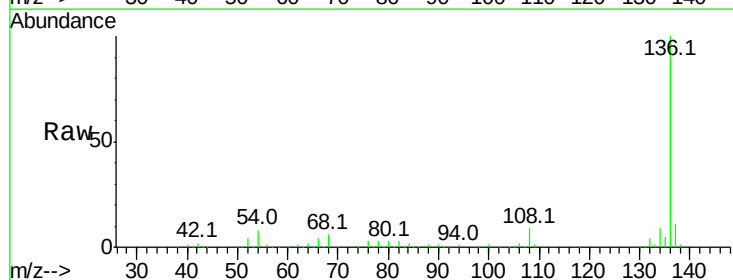
Ion Ratio Lower Upper

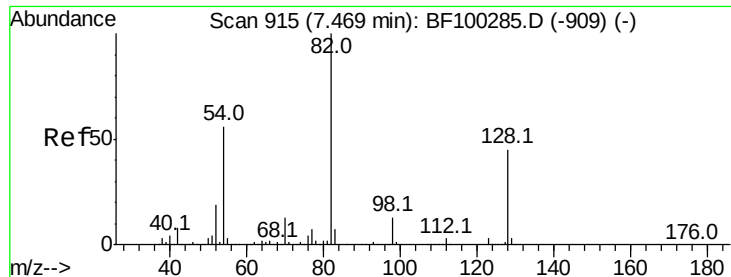
136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.405 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

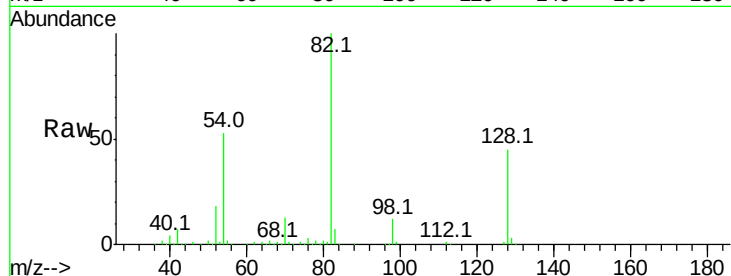
Tot Ion: 82 Resp: 489374

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

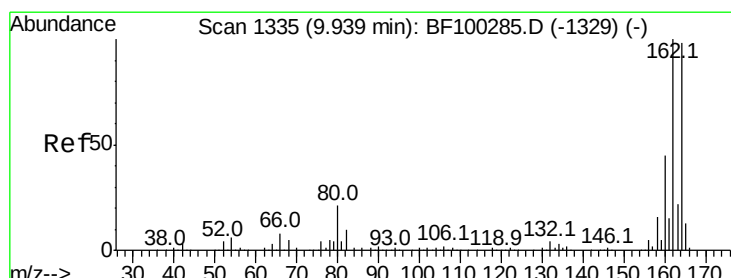
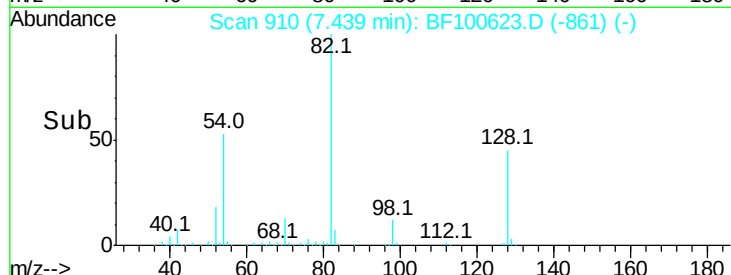
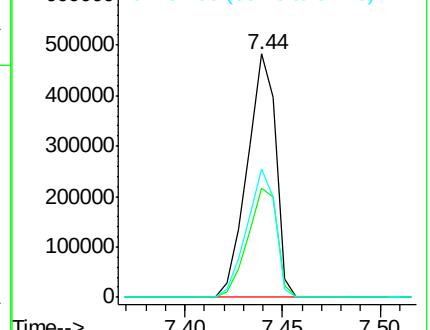
54 52.6 41.4 62.2



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: BF100623.D

Acq: 16 Nov 2017 11:46

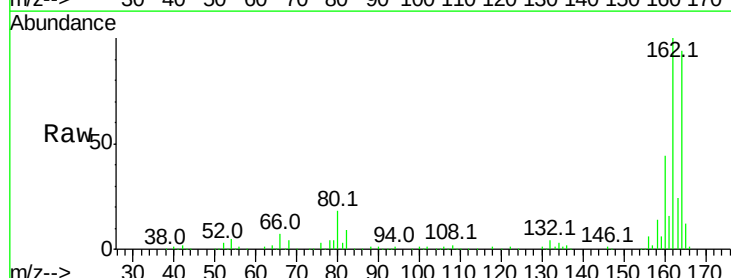
Tgt Ion: 164 Resp: 189171

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

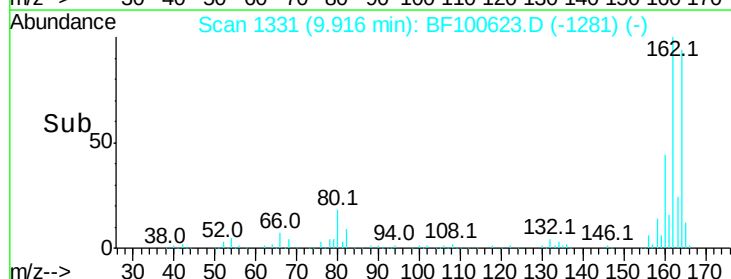
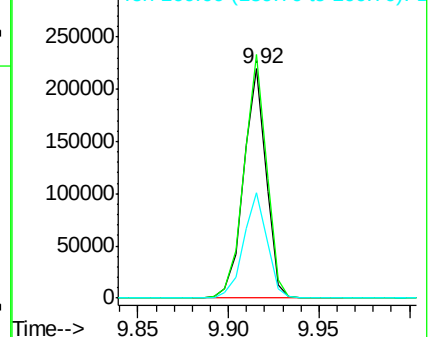
160 46.2 38.3 57.5

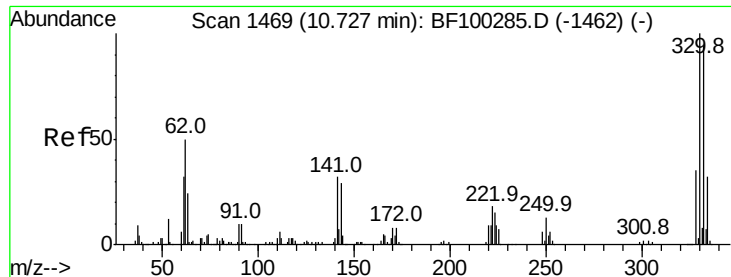


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

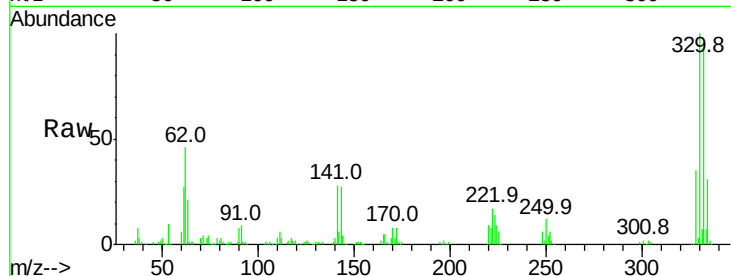




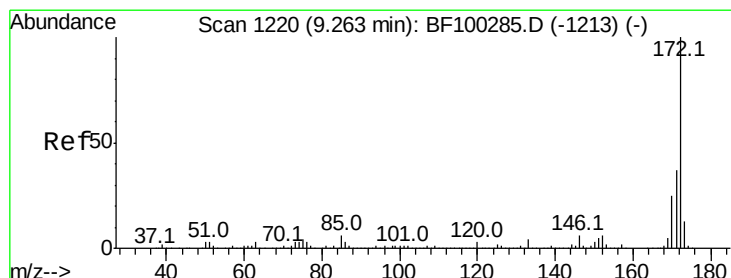
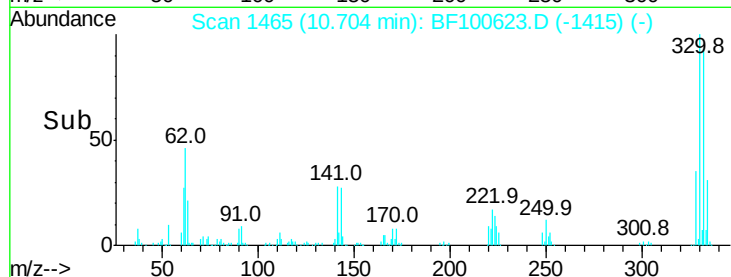
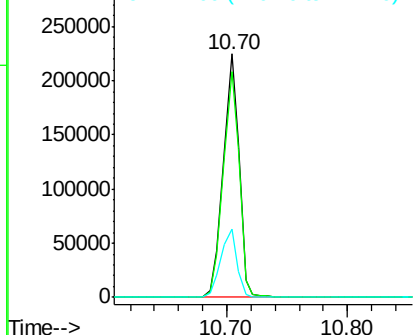
#41
 2,4,6-Tribromophenol
 Concen: 106.034 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	28.3	29.9	44.9#

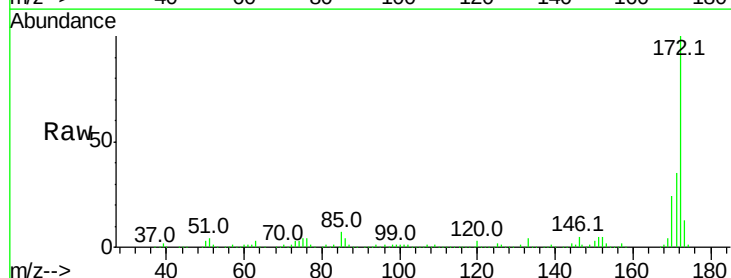


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

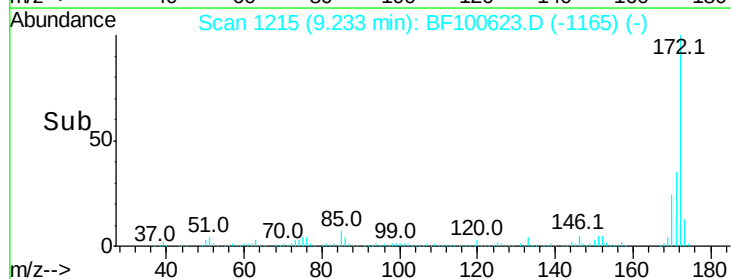
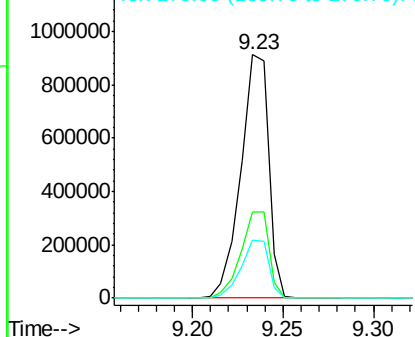


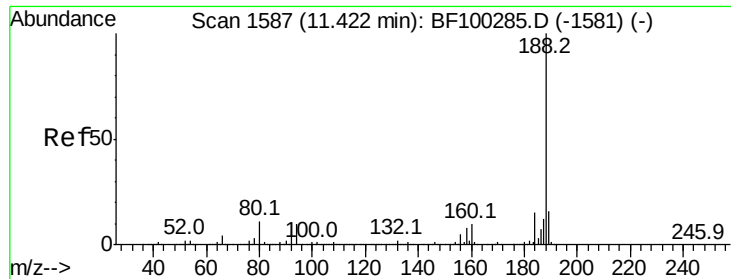
#44
 2-Fluorobiphenyl
 Concen: 78.804 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	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# 1583

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

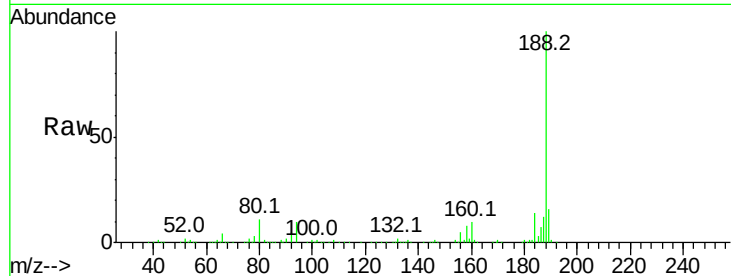
Tot Ion:188 Resp: 381182

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

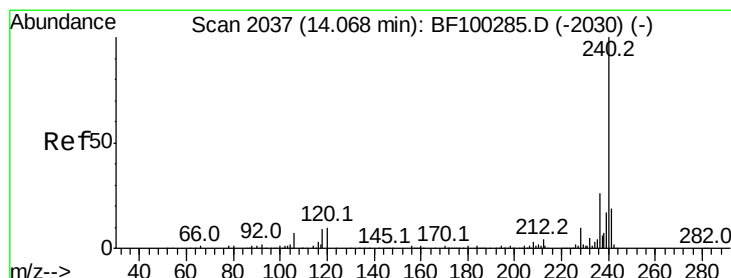
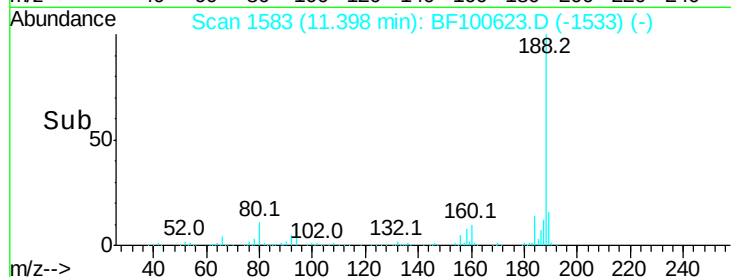
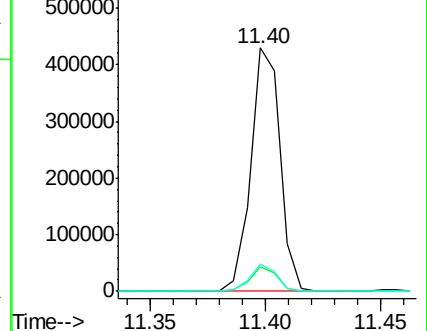
80 11.3 9.2 13.8



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: BF100623.D

Acq: 16 Nov 2017 11:46

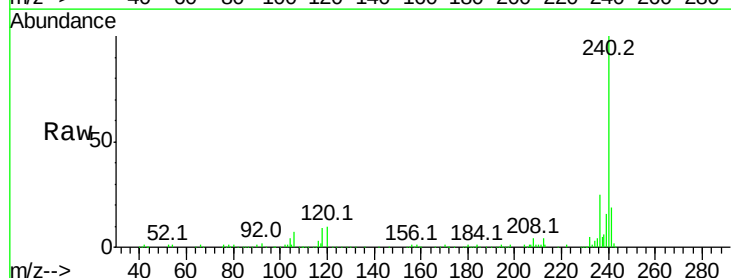
Tgt Ion:240 Resp: 313374

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

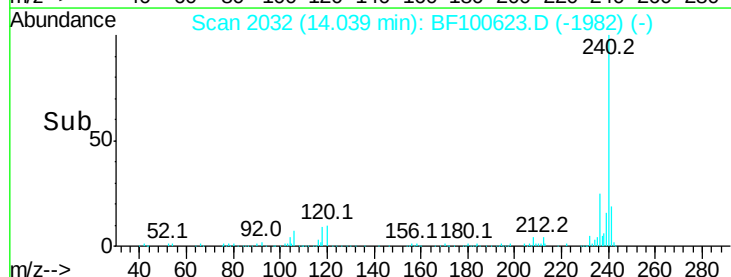
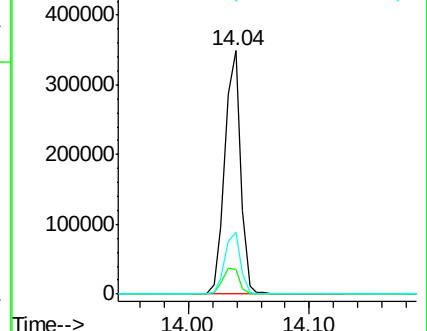
236 25.2 20.7 31.1

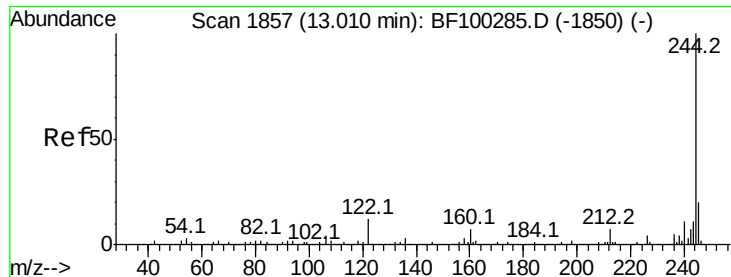


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.986 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

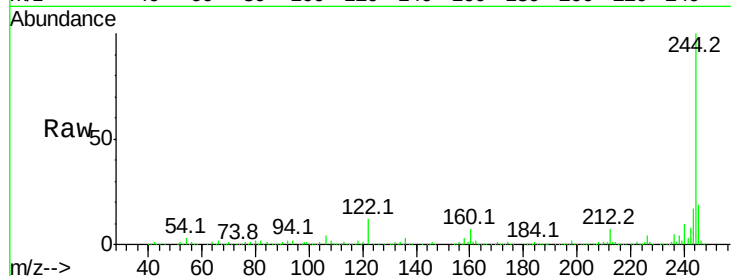
Tot Ion:244 Resp: 995421

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

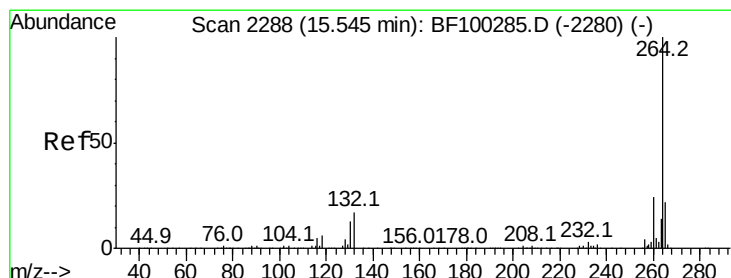
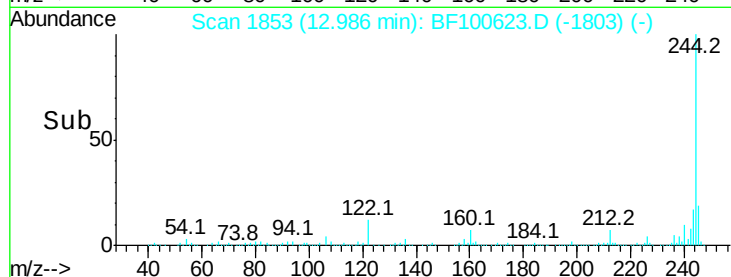
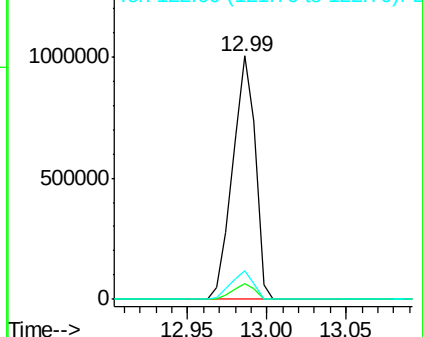
122 11.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

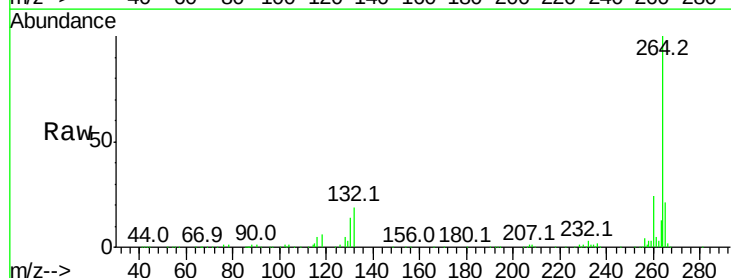
Tgt Ion:264 Resp: 224531

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.7 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

