

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100655.D
 Acq On : 17 Nov 2017 3:13
 Operator : SJ/JU
 Sample : I6490-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-U-S

Quant Time: Nov 17 05:56:04 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	97023	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	353636	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	146497	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	229782	20.00	ng	0.00
75) Chrysene-d12	14.04	240	208131	20.00	ng	0.00
86) Perylene-d12	15.52	264	215671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	227762	37.63	ng	0.00
7) Phenol-d6	6.50	99	167230	22.41	ng	-0.01
23) Nitrobenzene-d5	7.45	82	524988	98.15	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	110740	74.18	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	962547	100.05	ng	0.00
78) Terphenyl-d14	12.99	244	654469	72.25	ng	0.00

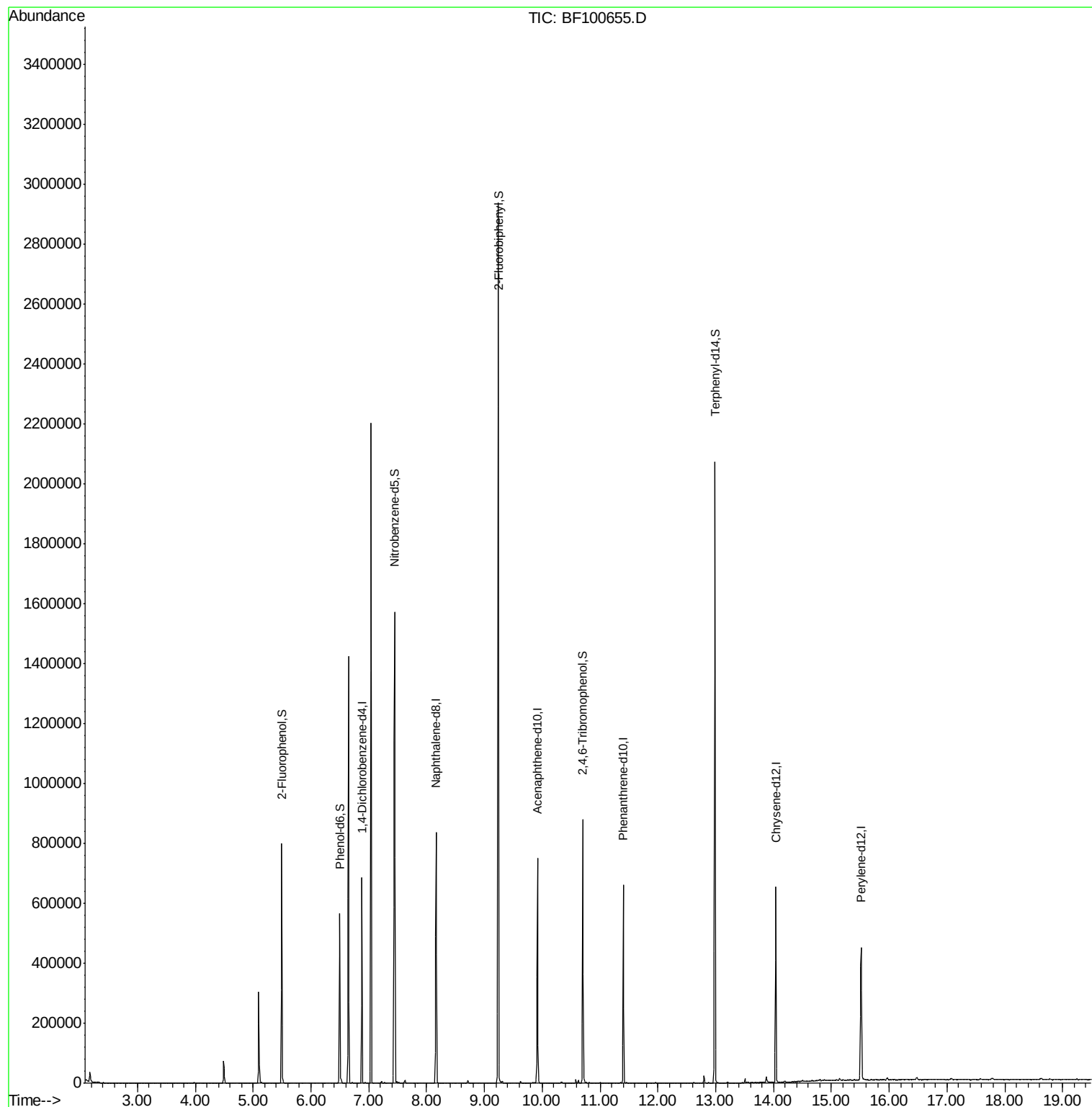
Target Compounds Qvalue

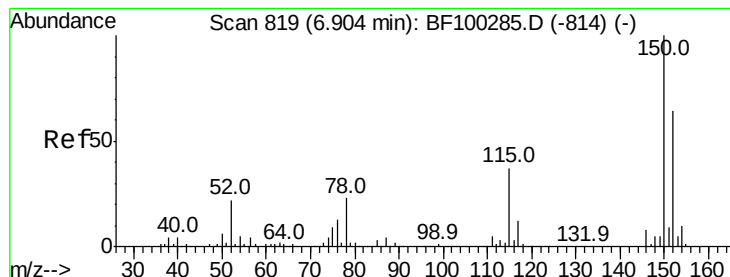
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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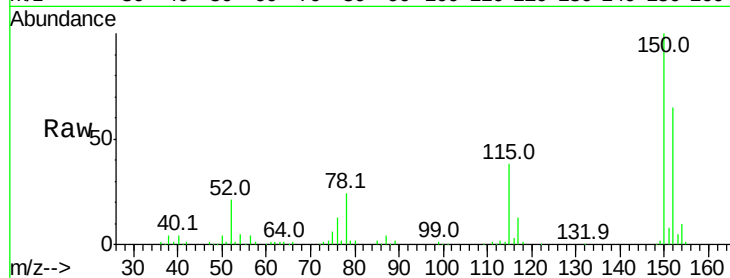


#1

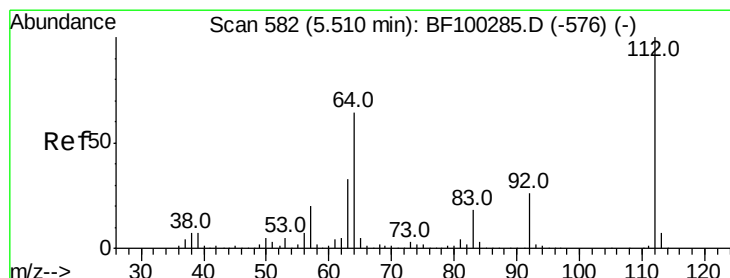
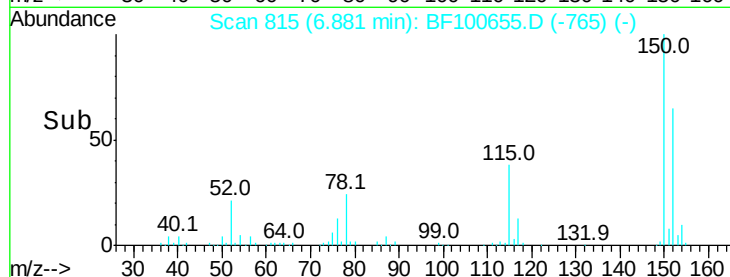
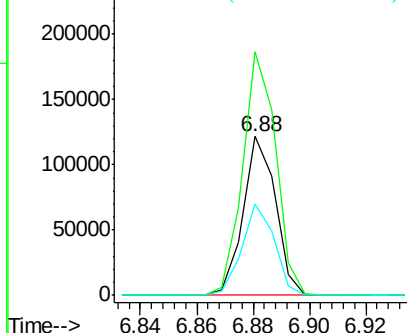
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100655.D
Acq: 17 Nov 2017 3:13

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-U-S

Tot Ion:152 Resp: 97023
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 57.7 50.1 75.1



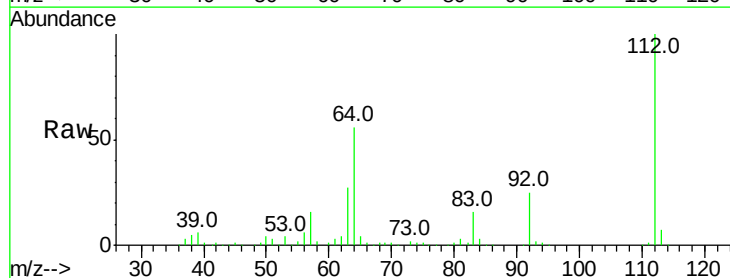
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



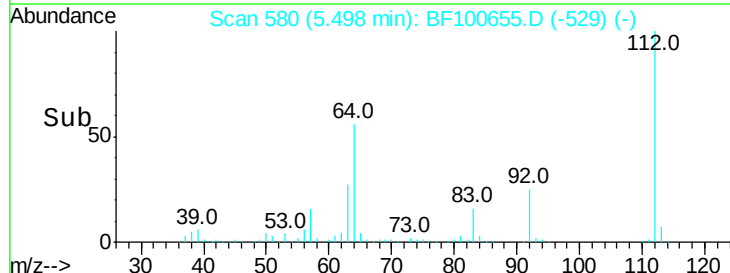
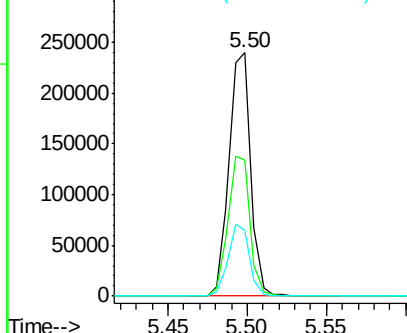
#5

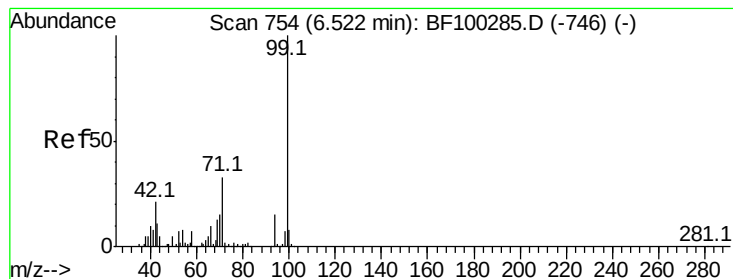
2-Fluorophenol
Concen: 37.630 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100655.D
Acq: 17 Nov 2017 3:13

Tgt Ion:112 Resp: 227762
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 26.9 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: 22.406 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100655.D

Acq: 17 Nov 2017 3:13

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-U-S

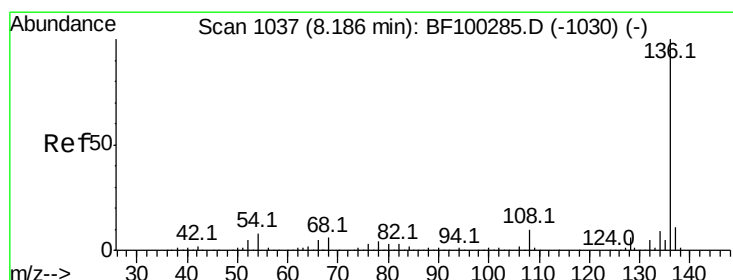
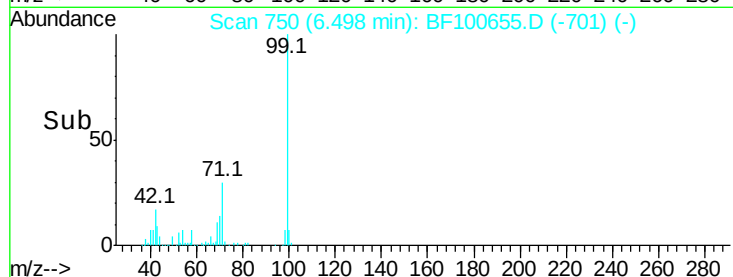
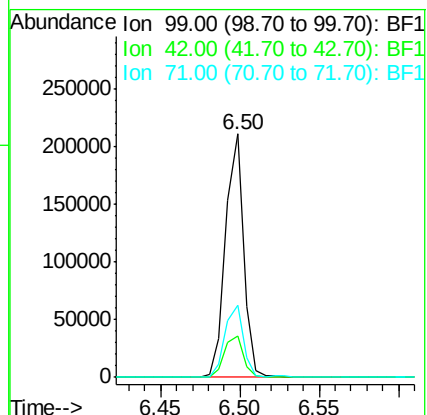
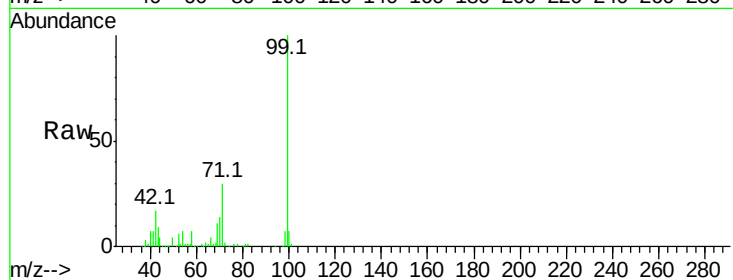
Tot Ion: 99 Resp: 167230

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

71 29.8 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: BF100655.D

Acq: 17 Nov 2017 3:13

Tgt Ion: 136 Resp: 353636

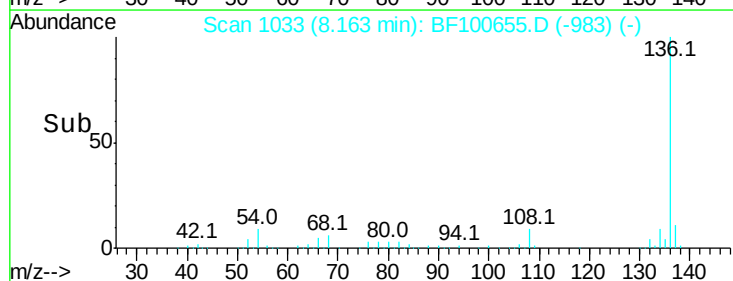
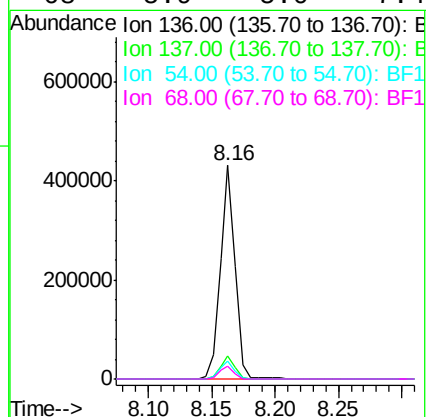
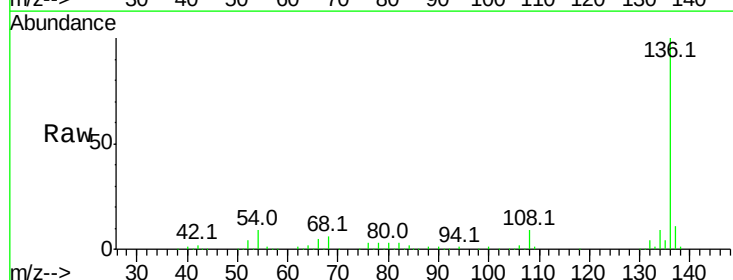
Ion Ratio Lower Upper

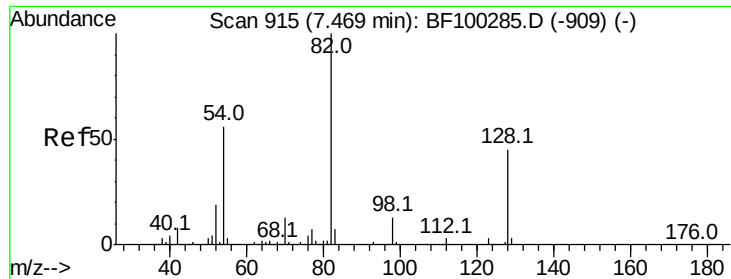
136 100

137 11.0 8.9 13.3

54 8.5 6.6 9.8

68 5.9 5.0 7.4

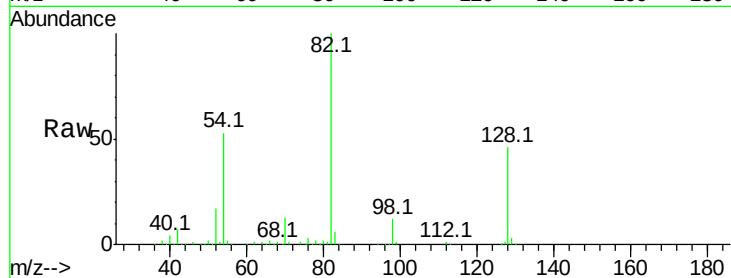




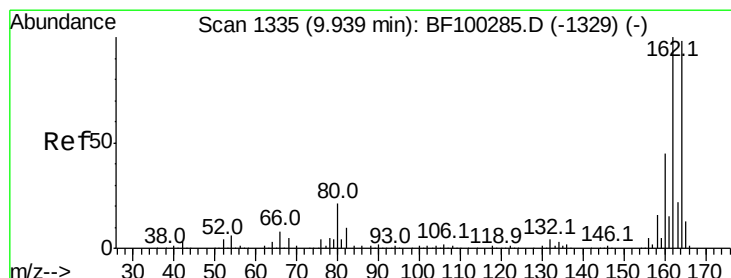
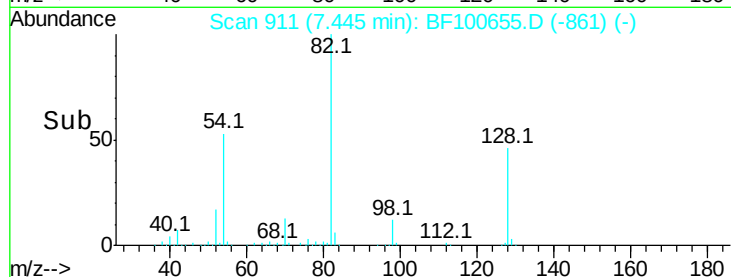
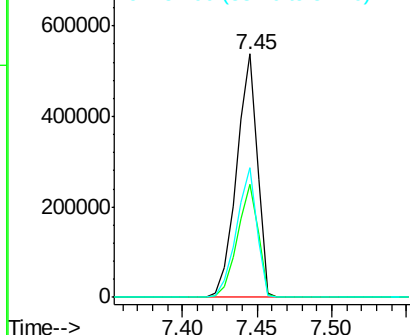
#23
Nitrobenzene-d5
Concen: 98.148 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100655.D
Acq: 17 Nov 2017 3:13

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-U-S

Tot Ion: 82 Resp: 524988
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 53.4 41.4 62.2

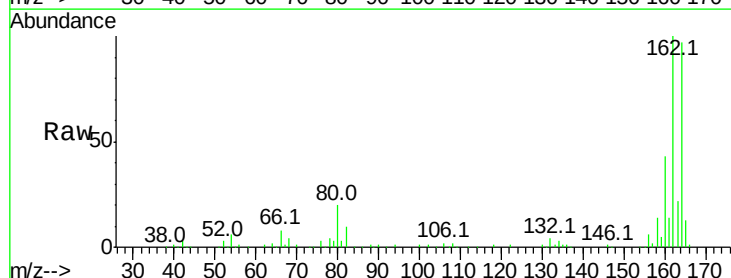


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

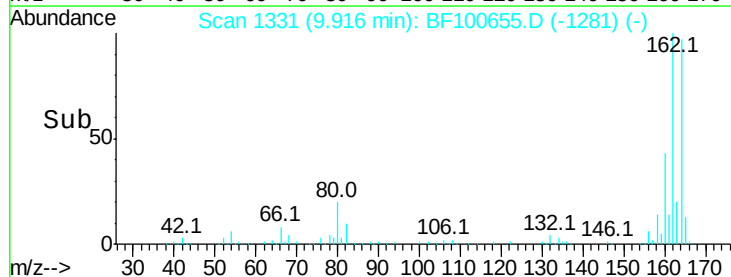
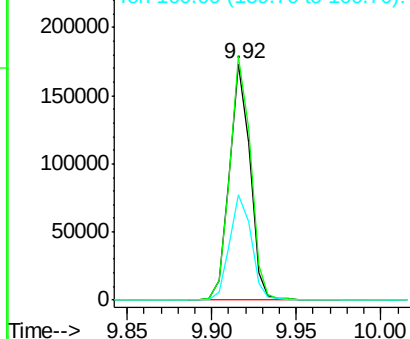


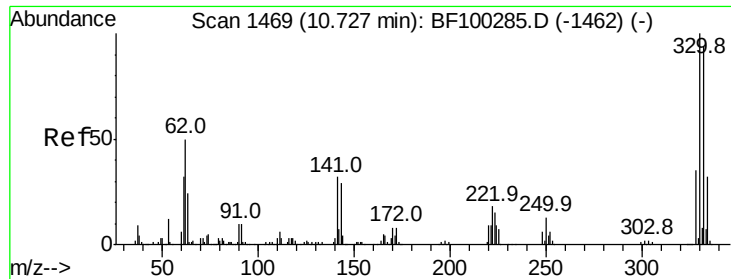
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100655.D
Acq: 17 Nov 2017 3:13

Tgt Ion: 164 Resp: 146497
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 44.8 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

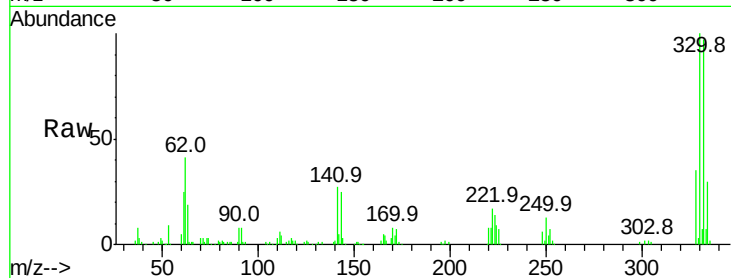




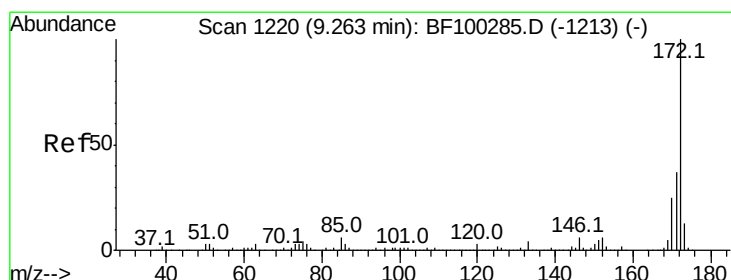
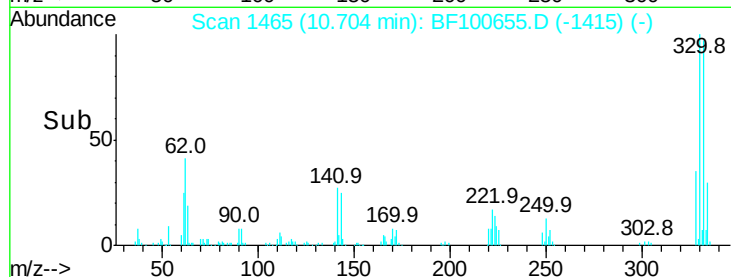
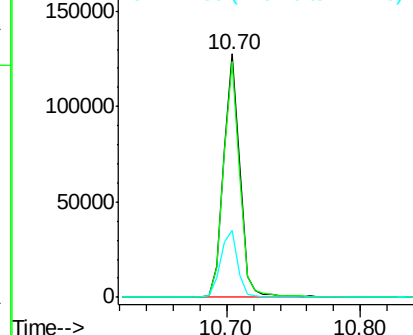
#41
 2,4,6-Tribromophenol
 Concen: 74.183 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100655.D
 Acq: 17 Nov 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	29.0	29.9	44.9#

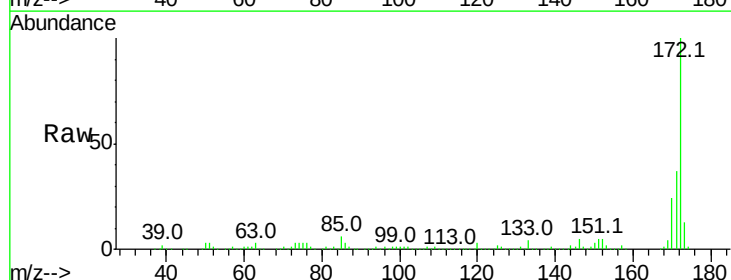


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

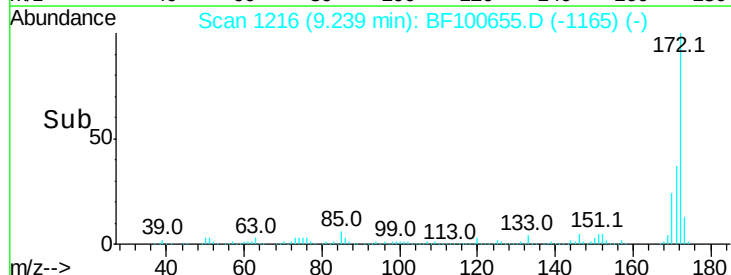
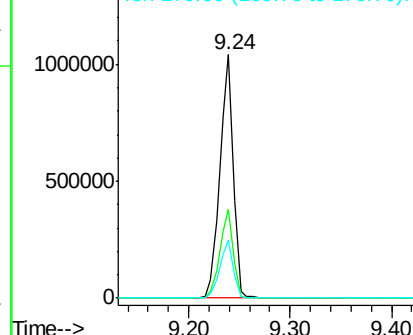


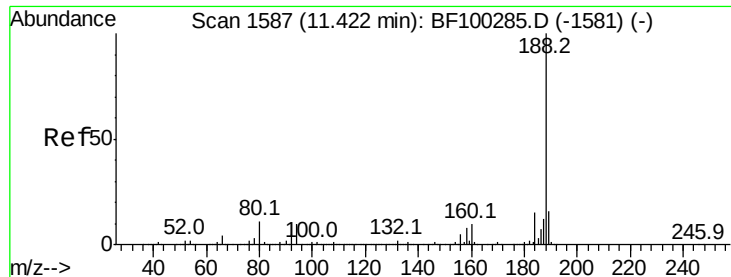
#44
 2-Fluorobiphenyl
 Concen: 100.049 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100655.D
 Acq: 17 Nov 2017 3:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	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: BF100655.D

Acq: 17 Nov 2017 3:13

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-U-S

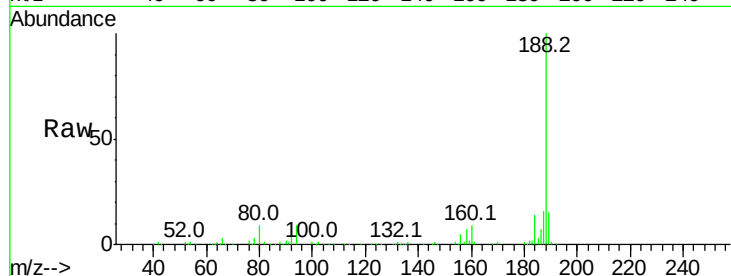
Tot Ion:188 Resp: 229782

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

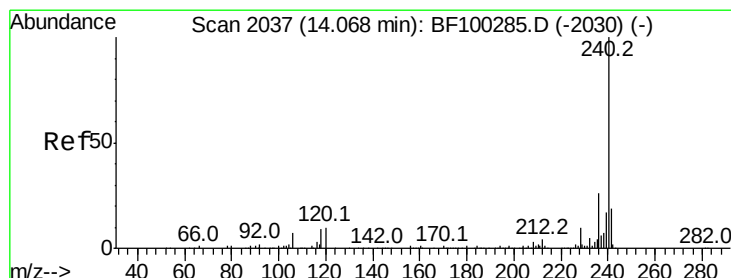
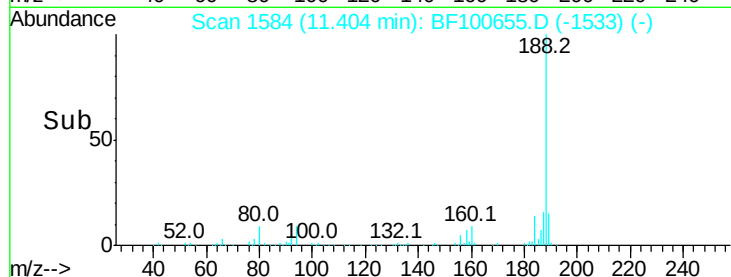
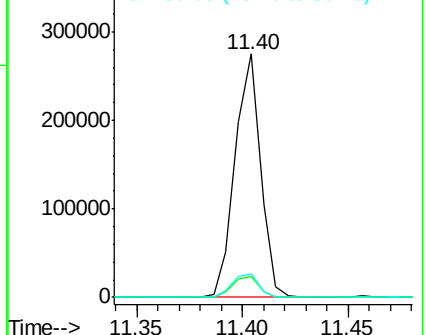
80 9.5 9.2 13.8



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: BF100655.D

Acq: 17 Nov 2017 3:13

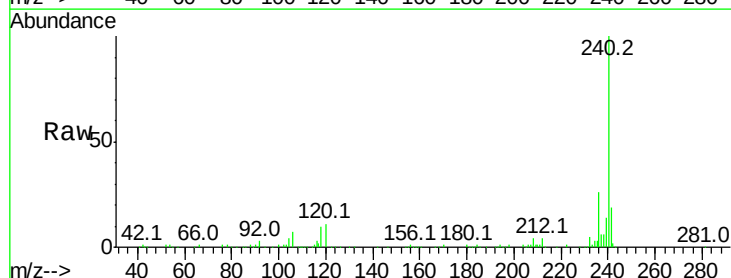
Tgt Ion:240 Resp: 208131

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

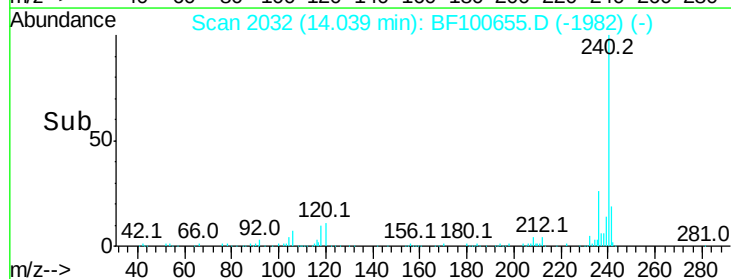
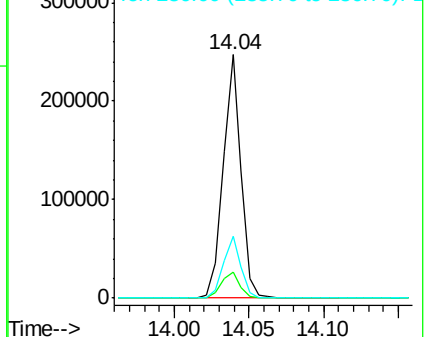
236 25.7 20.7 31.1

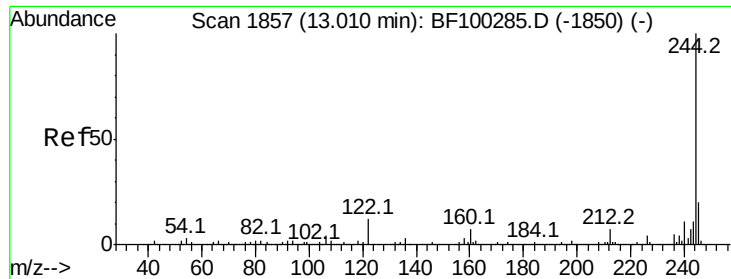


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.252 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100655.D

Acq: 17 Nov 2017 3:13

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-U-S

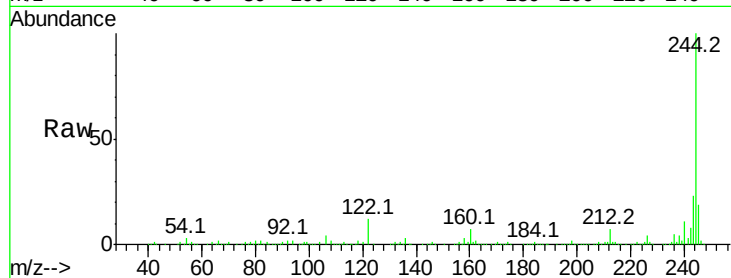
Tot Ion:244 Resp: 654469

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

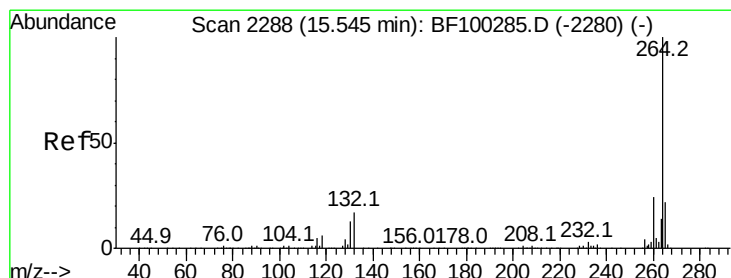
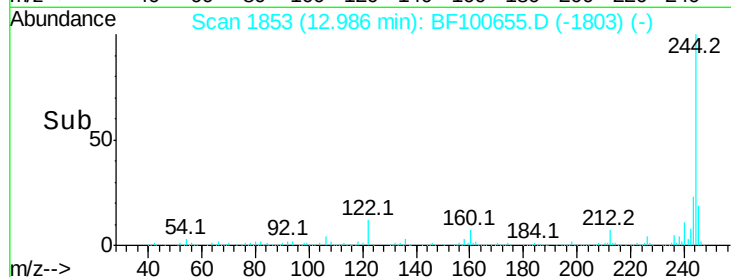
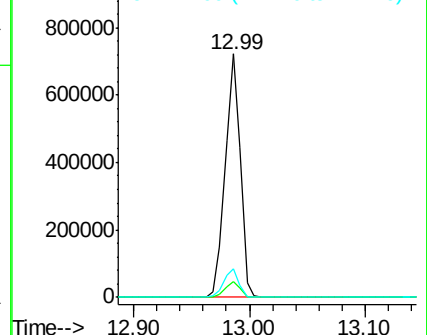
122 11.8 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100655.D

Acq: 17 Nov 2017 3:13

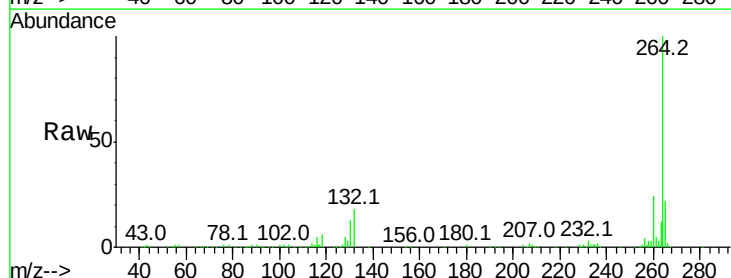
Tgt Ion:264 Resp: 215671

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.2 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

