

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100969.D
 Acq On : 29 Nov 2017 7:59
 Operator : SJ/JU
 Sample : I6604-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112417-TIDO-F-U-B

Quant Time: Nov 29 09:56:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	57471	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	216800	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94630	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	159785	20.00	ng	0.00
75) Chrysene-d12	14.02	240	122988	20.00	ng	0.00
86) Perylene-d12	15.49	264	110797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	148785	41.50	ng	0.00
7) Phenol-d6	6.48	99	106247	24.03	ng	-0.01
23) Nitrobenzene-d5	7.42	82	365658	111.51	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	94192	97.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	749846	120.66	ng	0.00
78) Terphenyl-d14	12.97	244	530233	99.06	ng	0.00

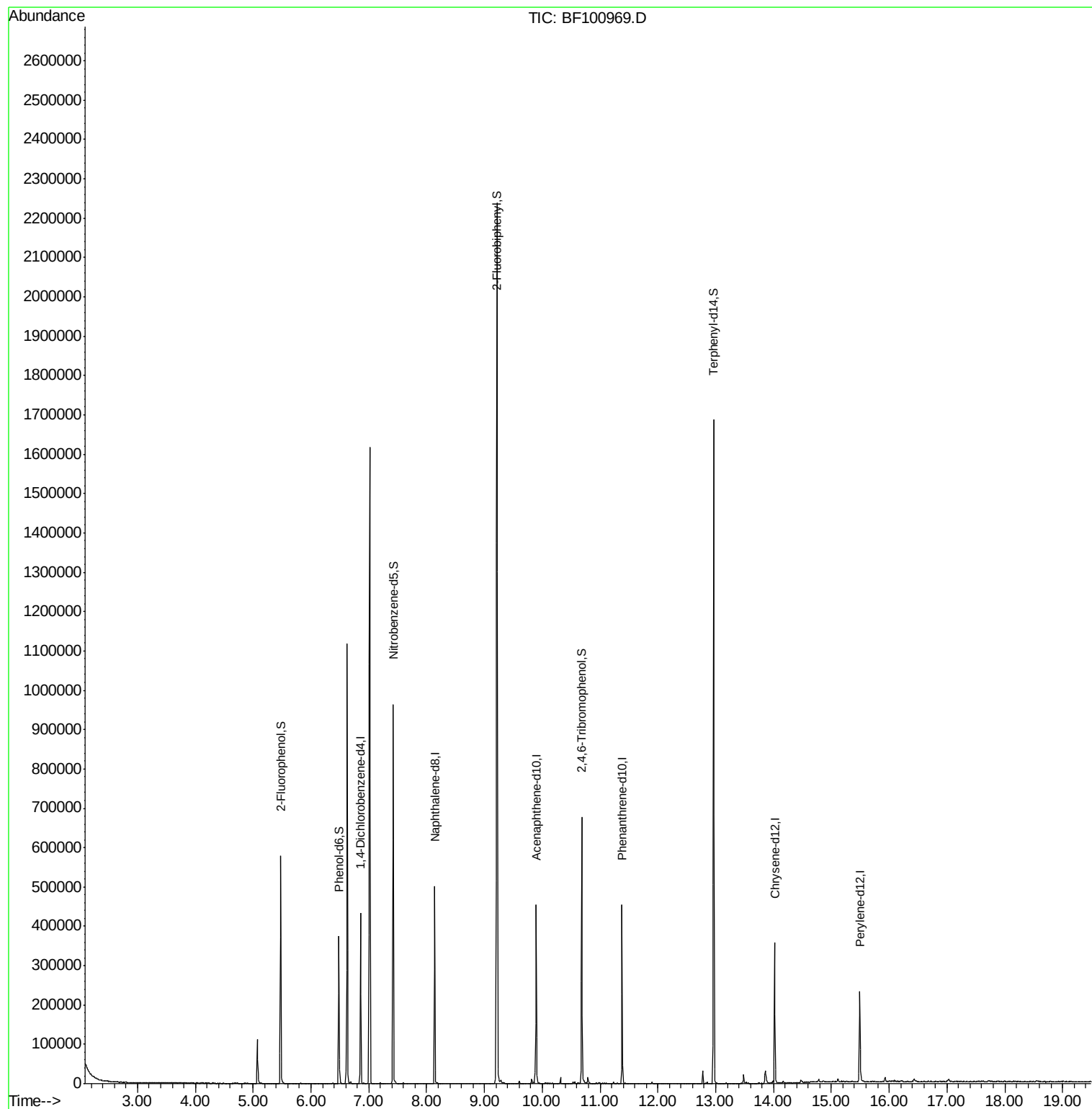
Target Compounds Qvalue

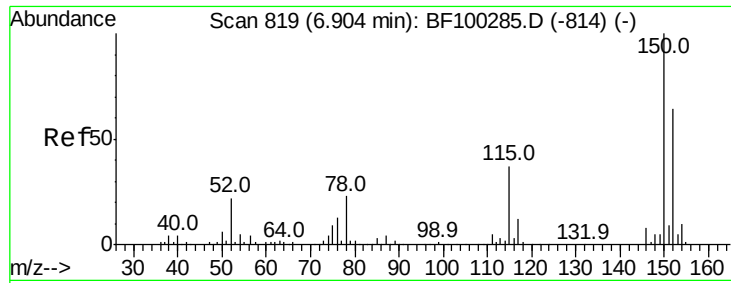
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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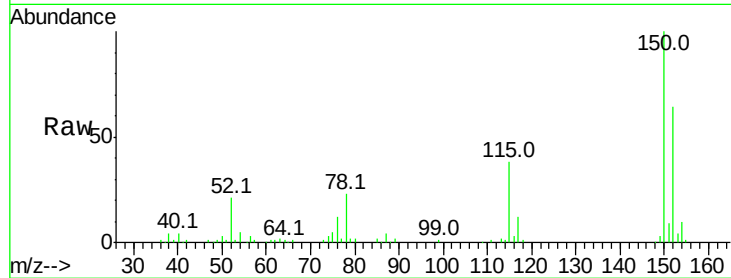


#1

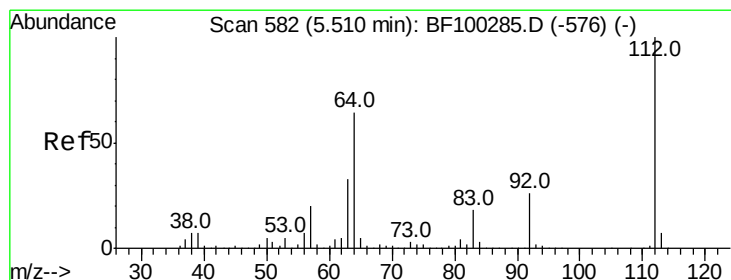
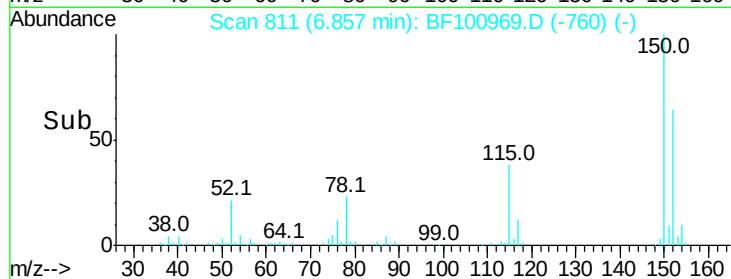
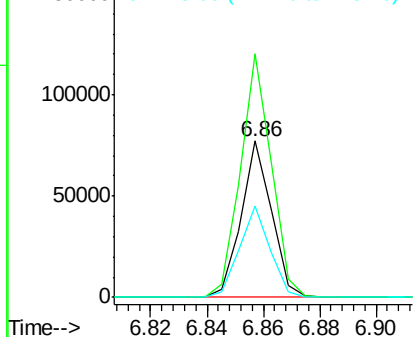
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :
 112417-TIDO-F-U-B

Tot Ion:152 Resp: 57471
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 58.8 50.1 75.1



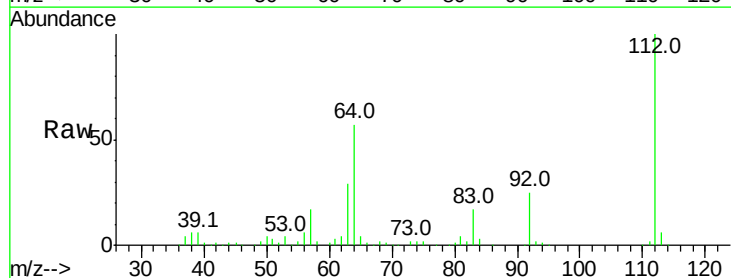
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



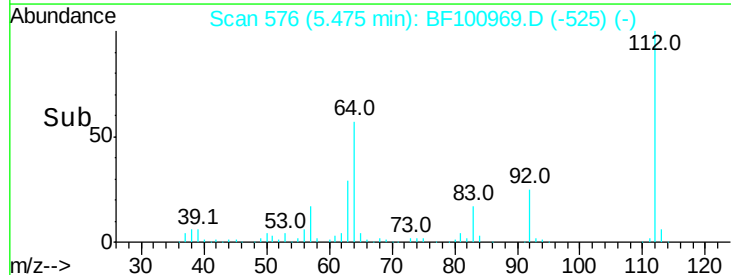
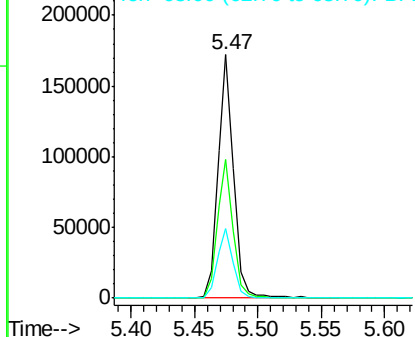
#5

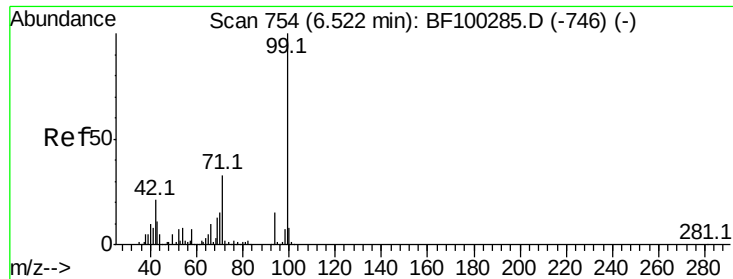
2-Fluorophenol
 Concen: 41.499 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Tgt Ion:112 Resp: 148785
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 28.8 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: 24.032 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

Instrument :

BNA_F

ClientSampleId :

112417-TIDO-F-U-B

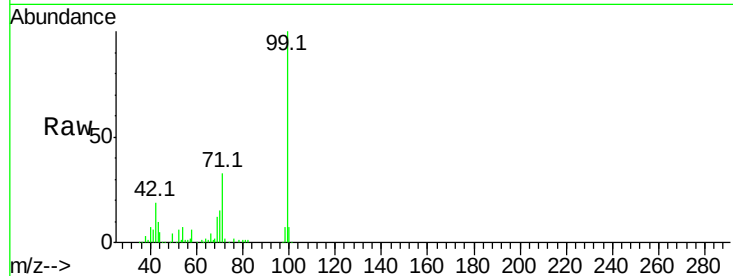
Tot Ion: 99 Resp: 106247

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

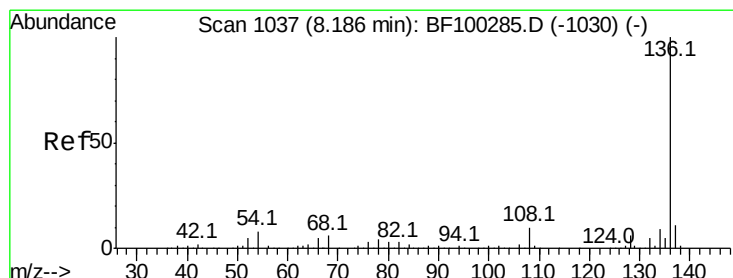
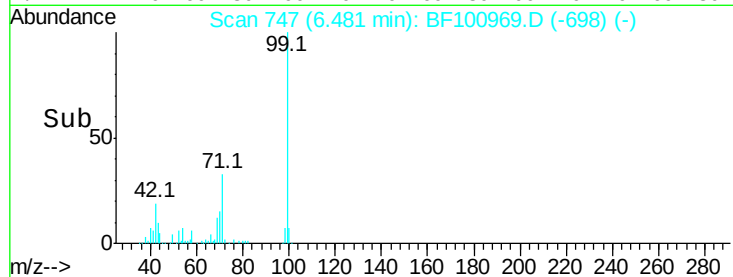
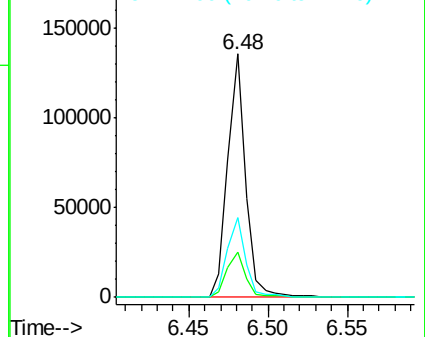
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

Tgt Ion: 136 Resp: 216800

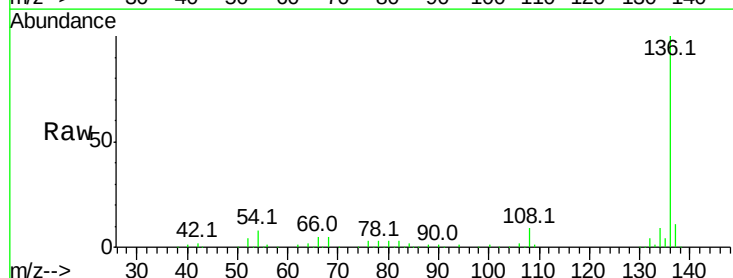
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 4.9 5.0 7.4#

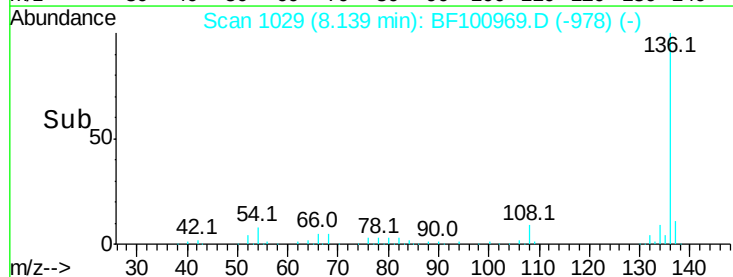
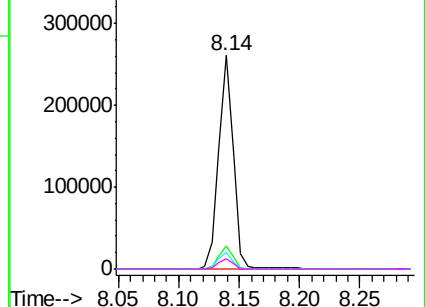


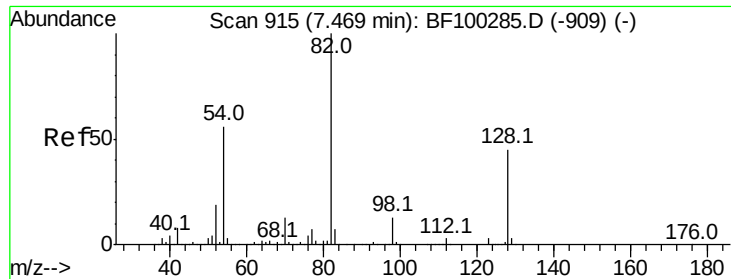
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

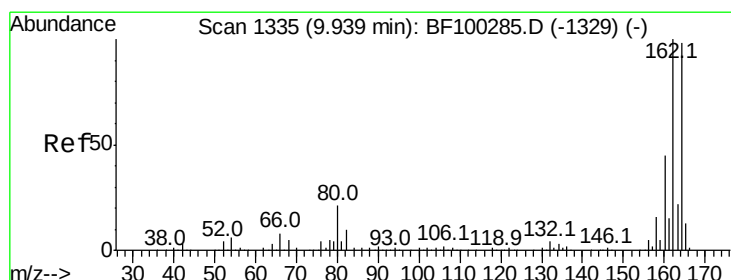
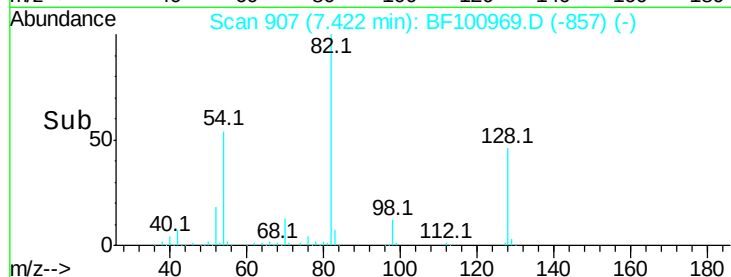
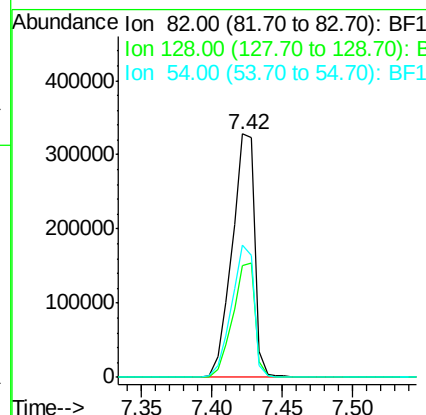
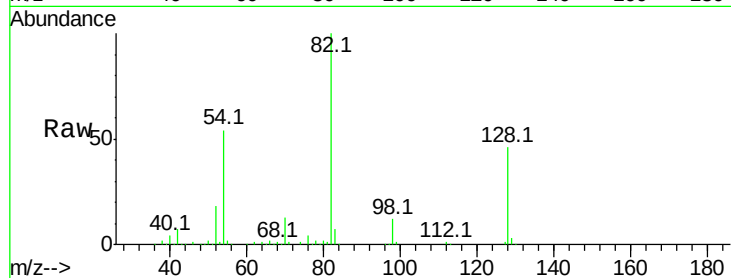




#23
Nitrobenzene-d5
Concen: 111.508 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

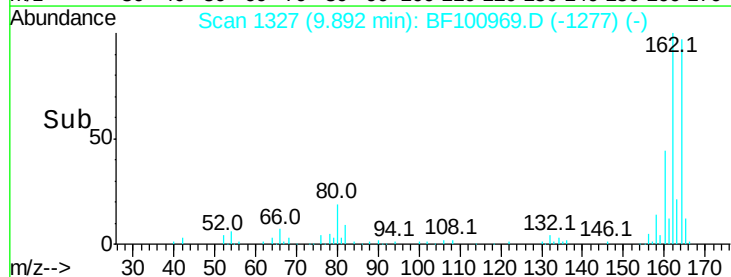
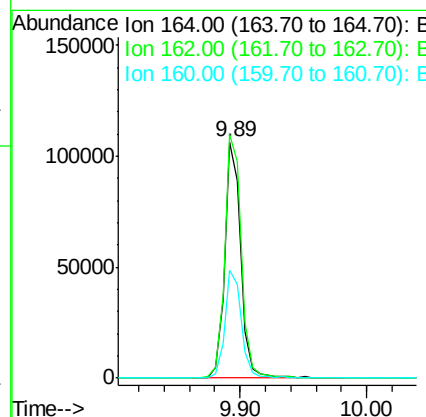
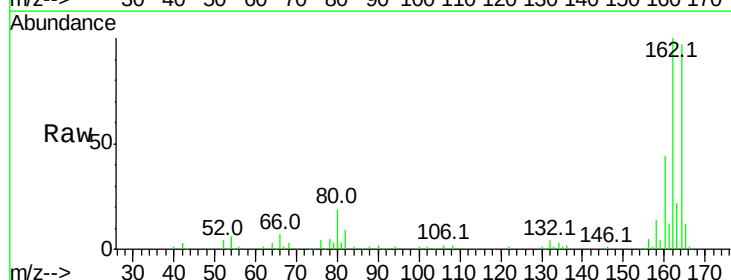
Instrument :
BNA_F
ClientSampleId :
112417-TIDO-F-U-B

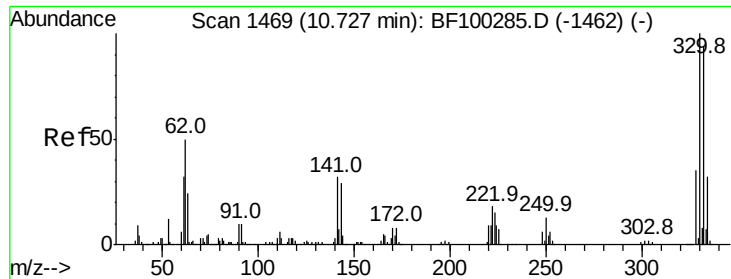
Tot Ion: 82 Resp: 365658
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 54.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

Tgt Ion:164 Resp: 94630
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.5 38.3 57.5

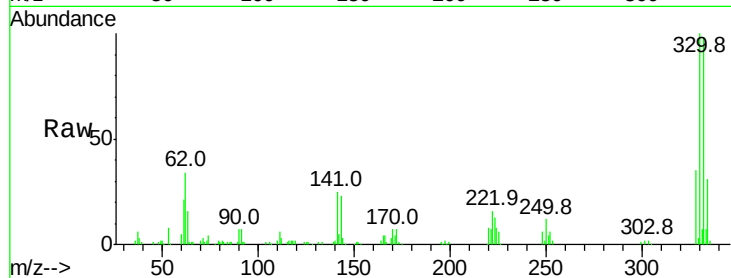




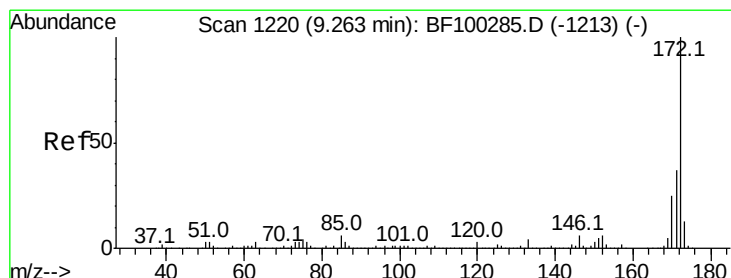
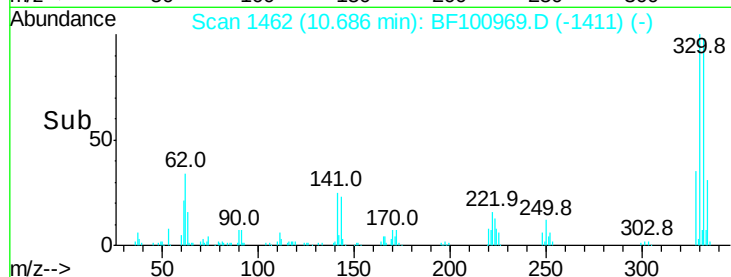
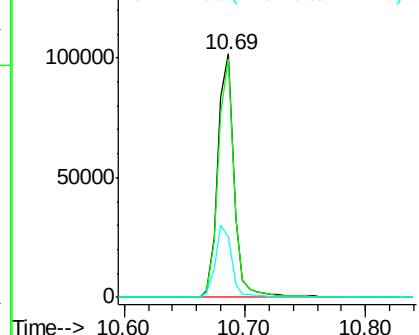
#41
 2,4,6-Tribromophenol
 Concen: 97.681 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :
 112417-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.7	29.9	44.9#

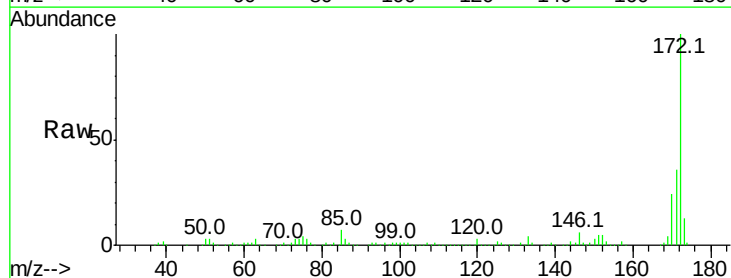


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

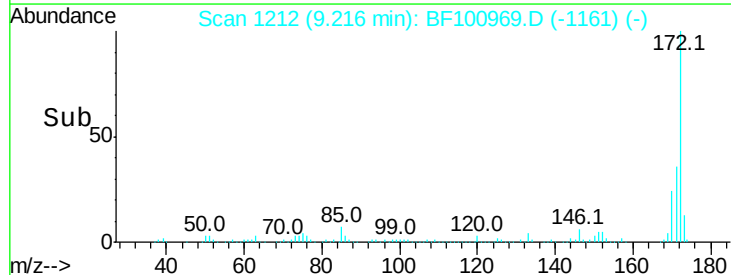
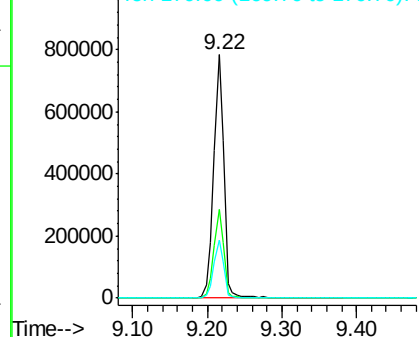


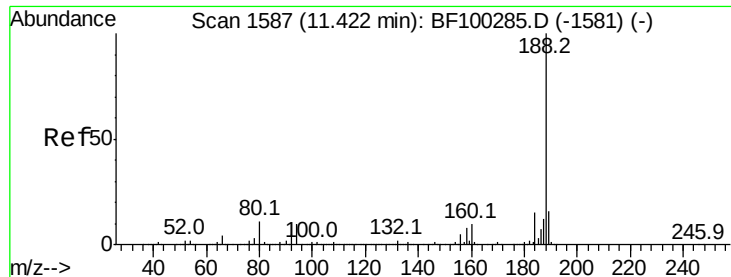
#44
 2-Fluorobiphenyl
 Concen: 120.659 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	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: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

Instrument :

BNA_F

ClientSampleId :

112417-TIDO-F-U-B

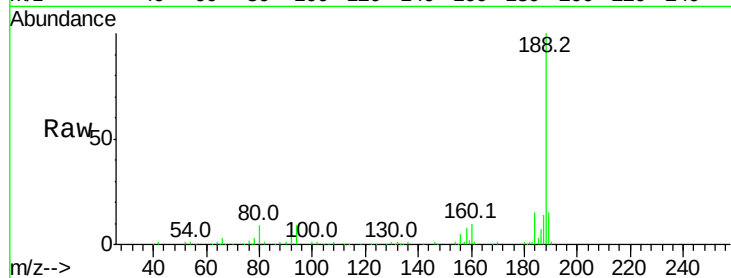
Tot Ion:188 Resp: 159785

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

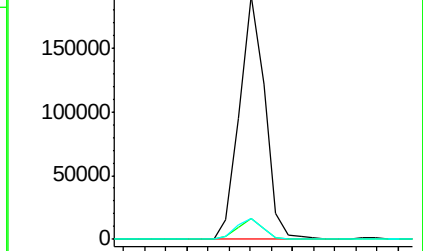
80 8.7 9.2 13.8#



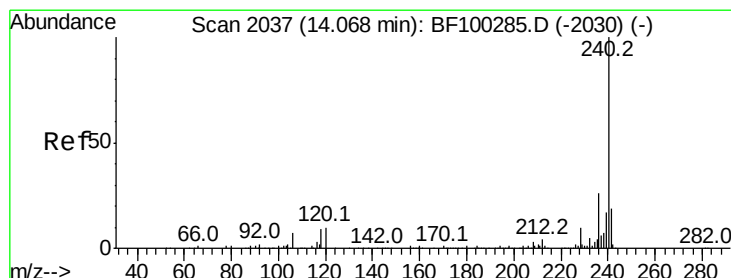
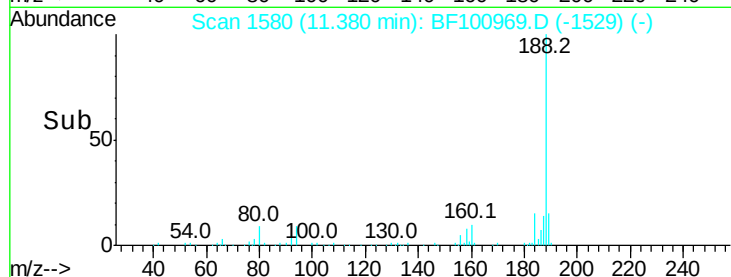
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

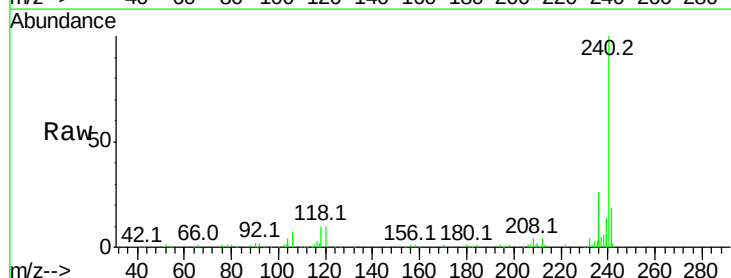
Tgt Ion:240 Resp: 122988

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

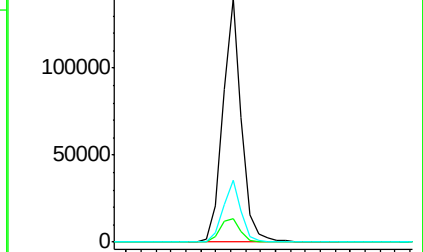
236 25.6 20.7 31.1



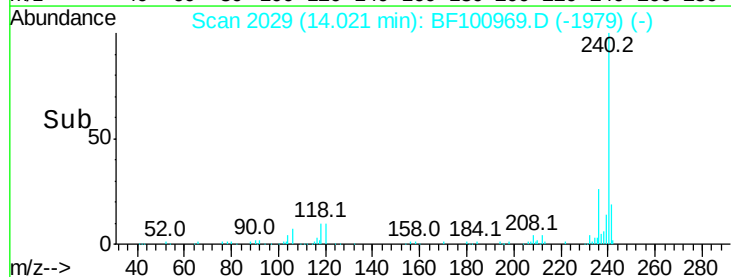
Abundance Ion 240.00 (239.70 to 240.70): E

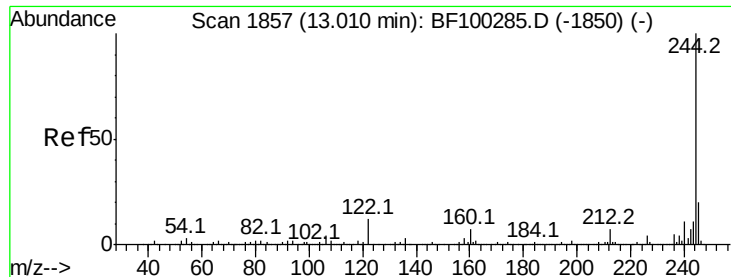
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 99.060 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

Instrument :

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ClientSampleId :

112417-TIDO-F-U-B

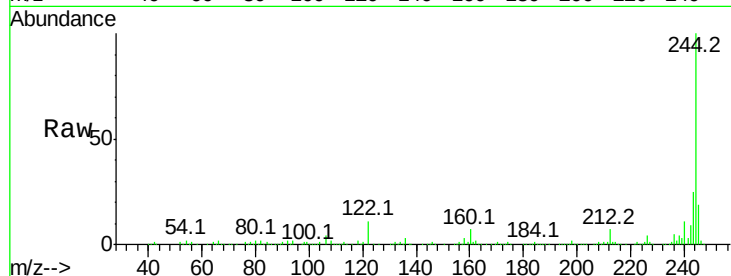
Tot Ion:244 Resp: 530233

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

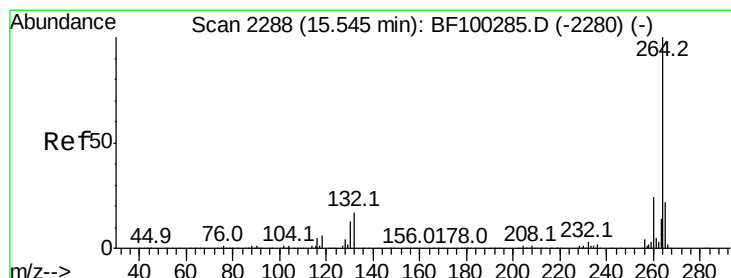
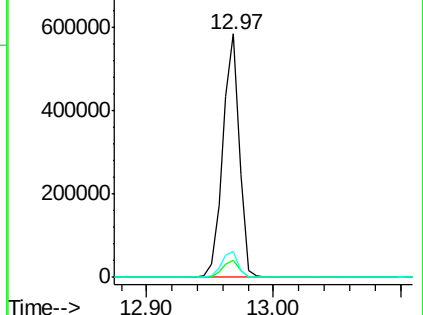
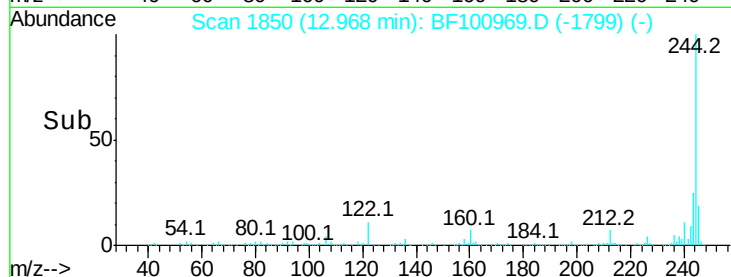
122 10.8 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

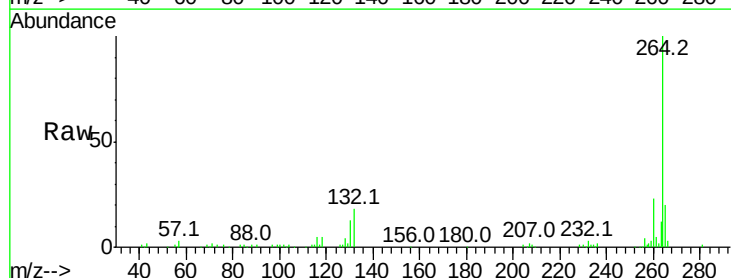
Tgt Ion:264 Resp: 110797

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.0 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

