

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100418.D
 Acq On : 11 Nov 2017 3:55
 Operator : SJ/JU
 Sample : I6355-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIFR-F-U-B

Quant Time: Nov 13 07:52:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150156	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	541256	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	232301	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	369509	20.00	ng	0.00
75) Chrysene-d12	14.06	240	291222	20.00	ng	0.00
86) Perylene-d12	15.54	264	224761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	457042	48.79	ng	0.00
7) Phenol-d6	6.52	99	374564	32.43	ng	-0.01
23) Nitrobenzene-d5	7.47	82	940612	114.89	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	210078	88.75	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1554609	101.90	ng	0.00
78) Terphenyl-d14	13.01	244	1141649	90.07	ng	0.00

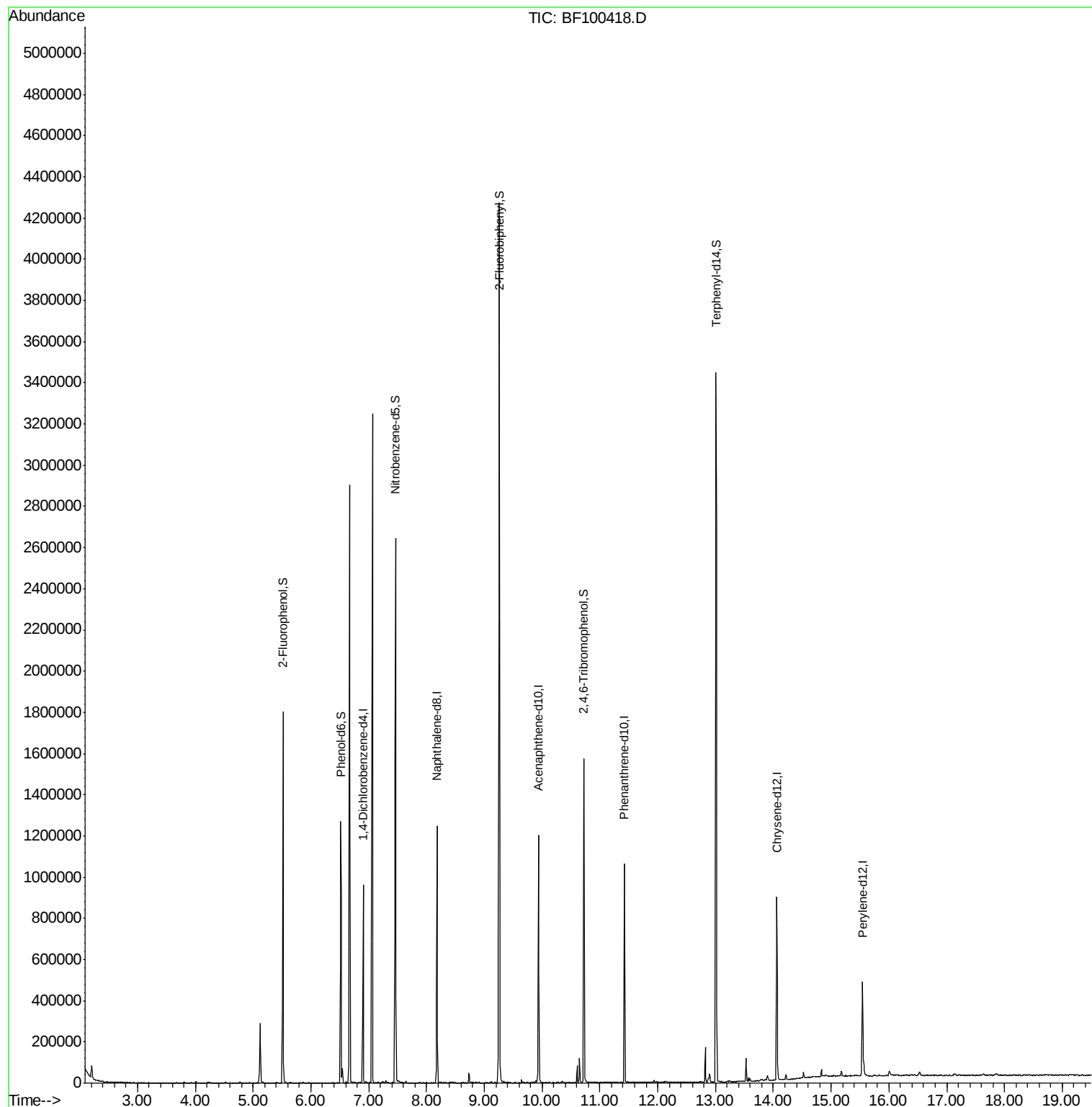
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

110317-TIFR-F-U-B

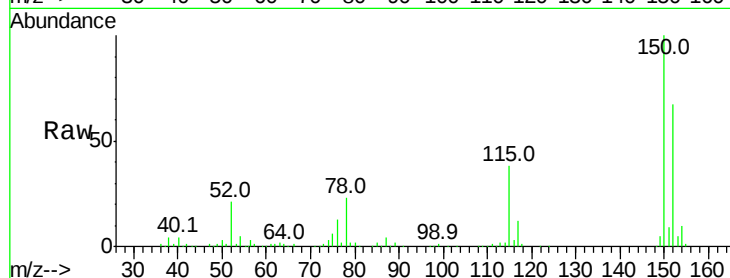
Tot Ion:152 Resp: 150156

Ion Ratio Lower Upper

152 100

150 149.1 124.6 186.8

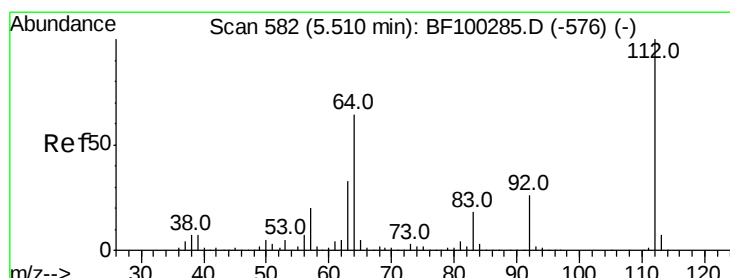
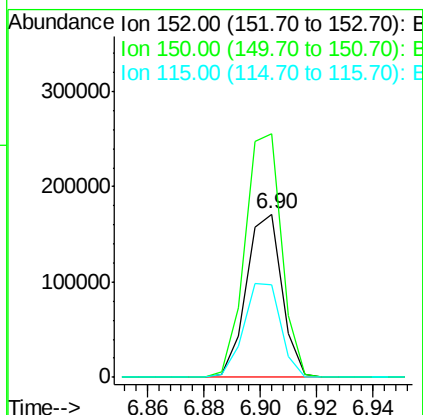
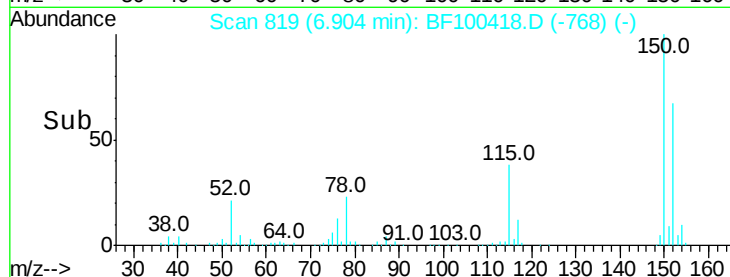
115 56.3 50.1 75.1



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: 48.791 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

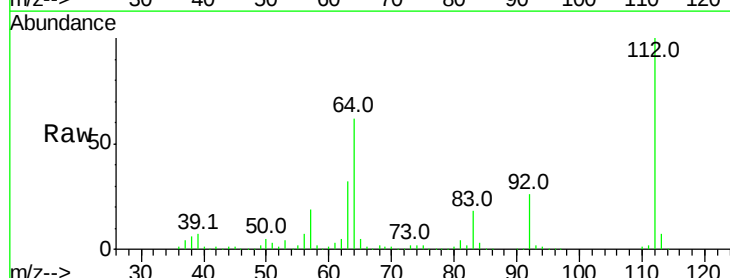
Tgt Ion:112 Resp: 457042

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

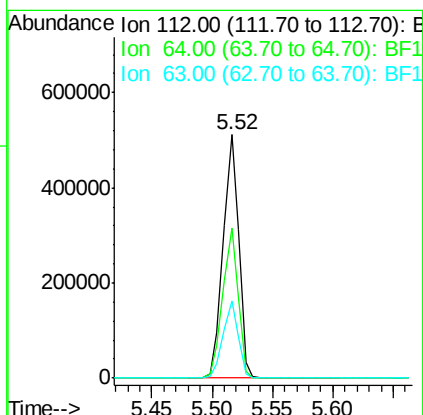
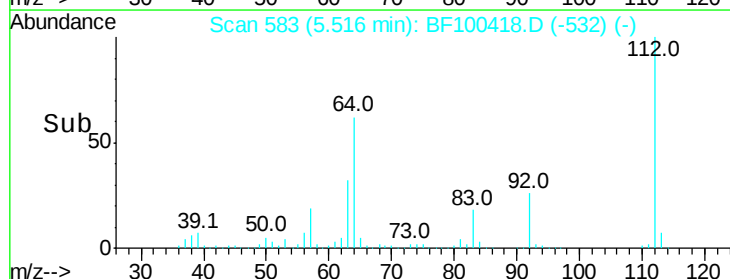
63 31.5 23.7 35.5



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: 32.427 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

110317-TIFR-F-U-B

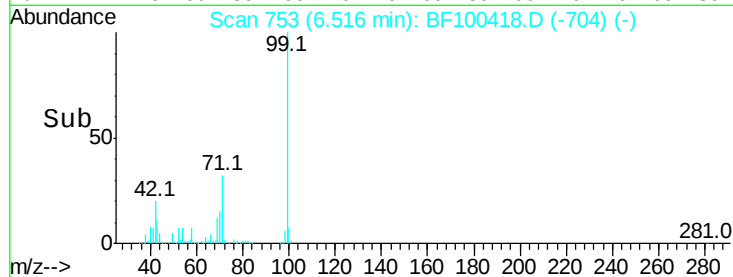
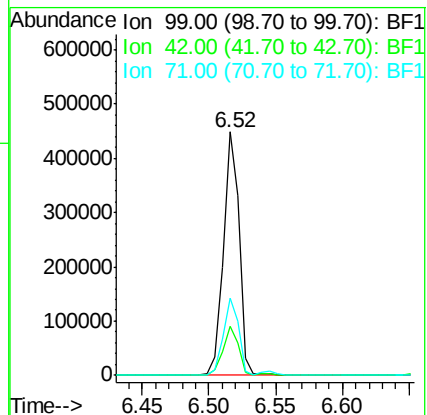
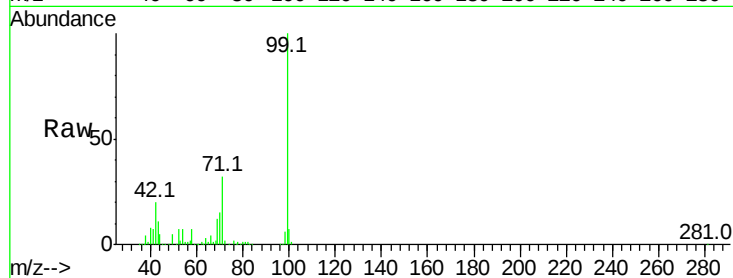
Tot Ion: 99 Resp: 374564

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 31.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Tgt Ion: 136 Resp: 541256

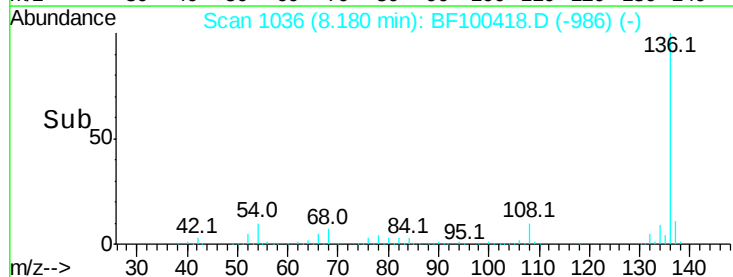
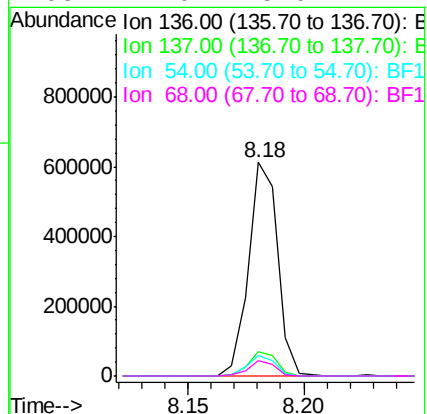
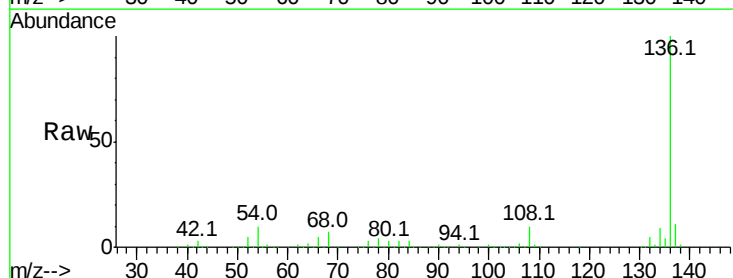
Ion Ratio Lower Upper

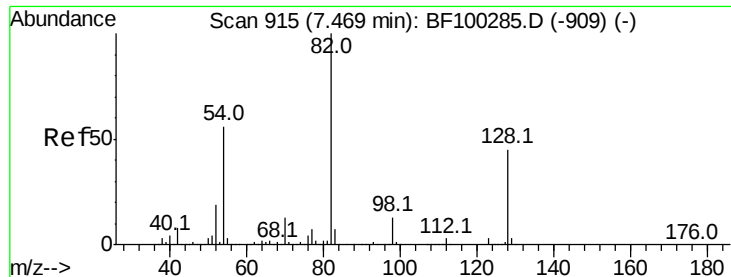
136 100

137 11.2 8.9 13.3

54 9.9 6.6 9.8#

68 7.0 5.0 7.4

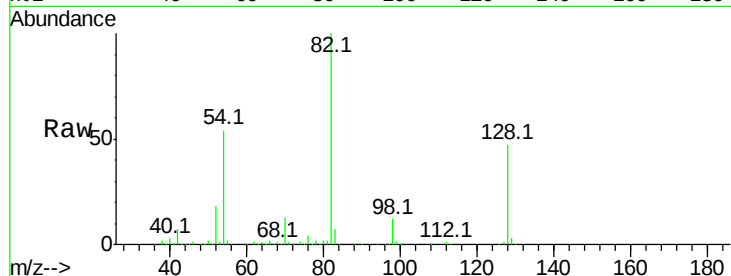




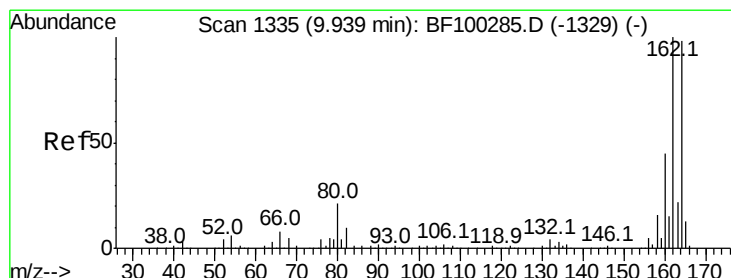
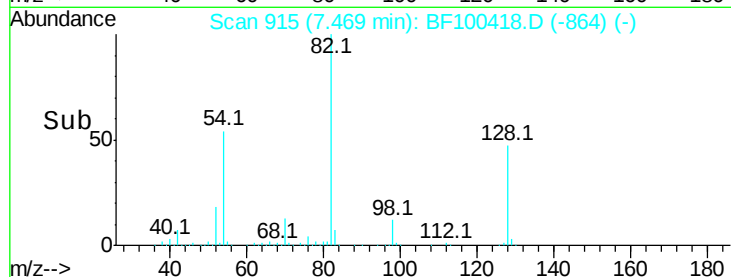
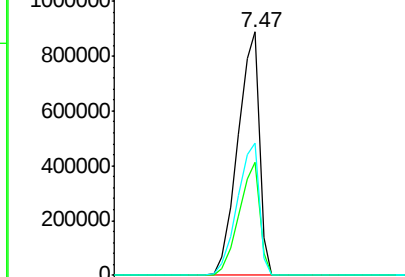
#23
 Nitrobenzene-d5
 Concen: 114.894 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100418.D
 Acq: 11 Nov 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIFR-F-U-B

Tot Ion	82	Resp	940612
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	54.4	41.4	62.2

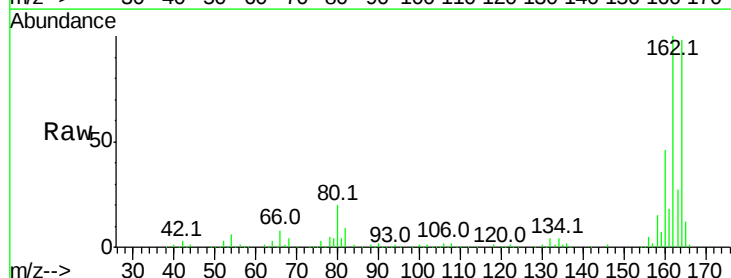


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

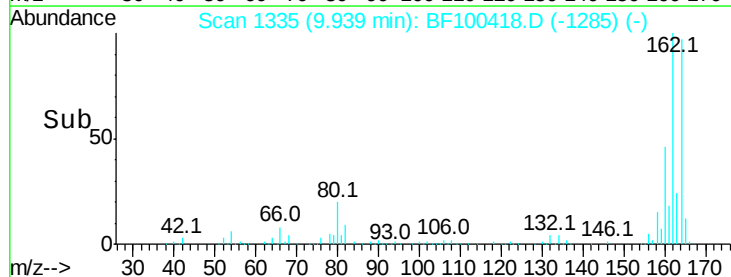
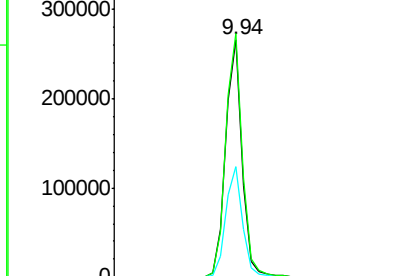


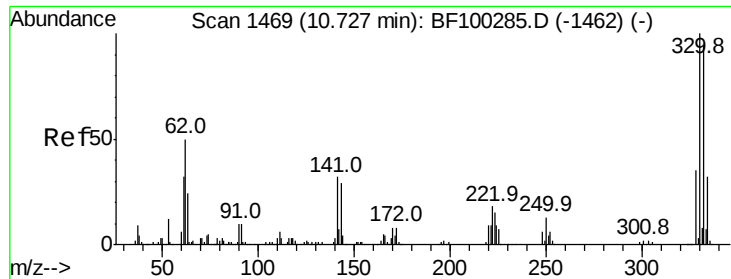
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100418.D
 Acq: 11 Nov 2017 3:55

Tgt Ion	164	Resp	232301
Ion Ratio	Lower	Upper	
164	100		
162	102.5	86.1	129.1
160	46.8	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

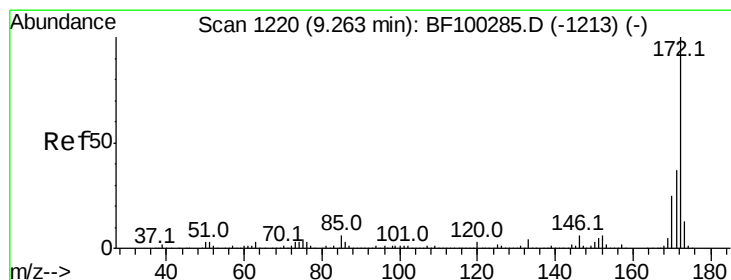
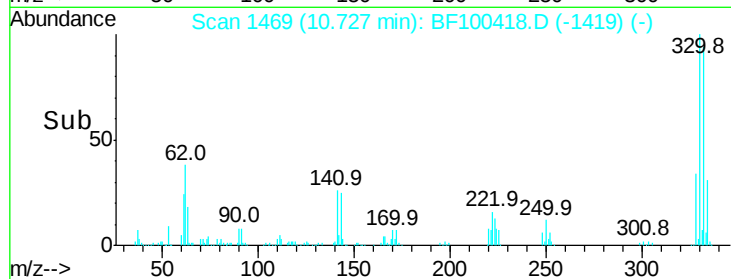
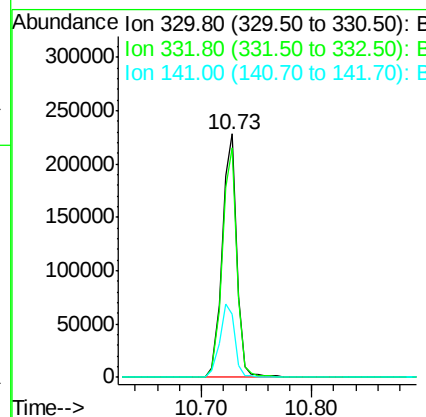
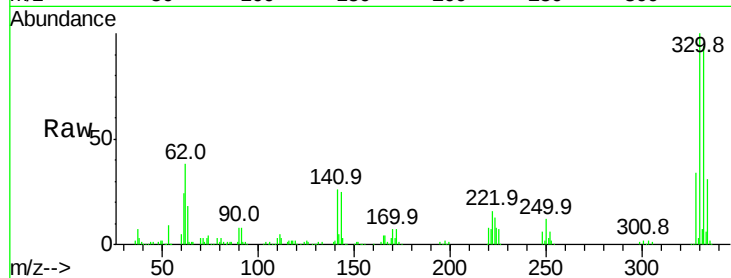




#41
 2,4,6-Tribromophenol
 Concen: 88.747 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100418.D
 Acq: 11 Nov 2017 3:55

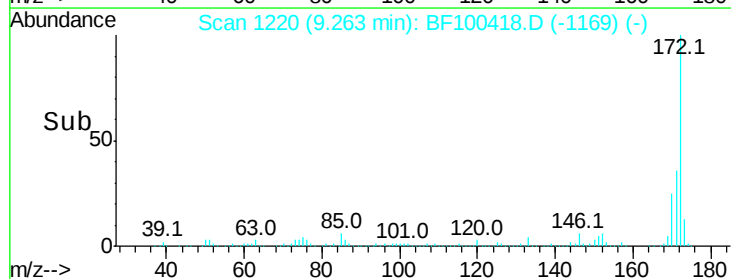
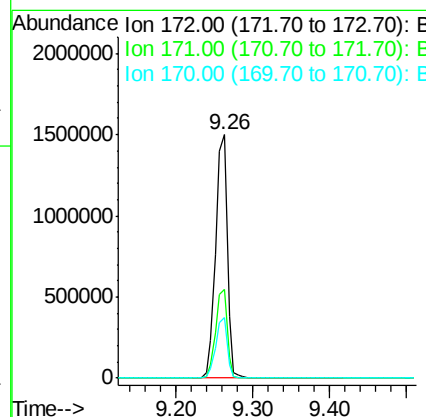
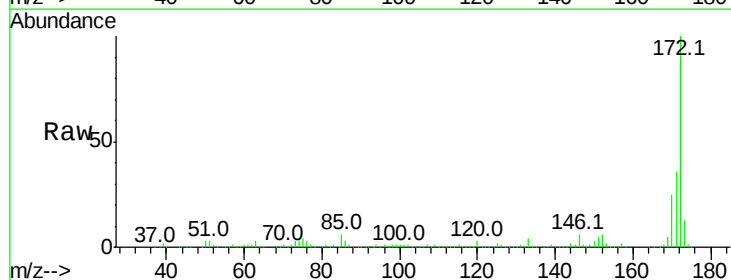
Instrument :
 BNA_F
 ClientSampleId :
 110317-TIFR-F-U-B

Tot Ion:330 Resp: 210078
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 30.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 101.903 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100418.D
 Acq: 11 Nov 2017 3:55

Tgt Ion:172 Resp: 1554609
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.7 19.6 29.4

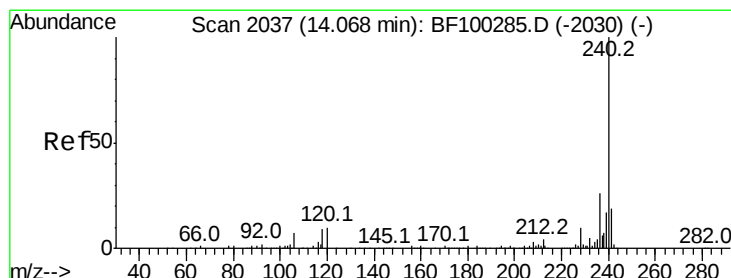
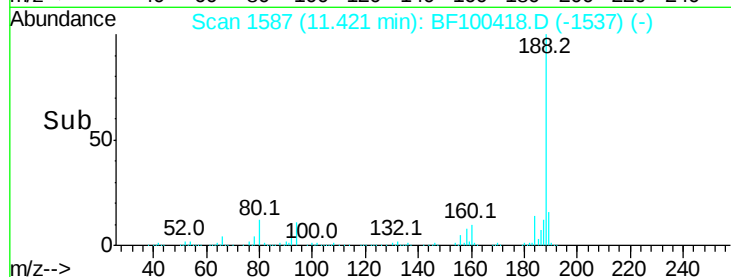
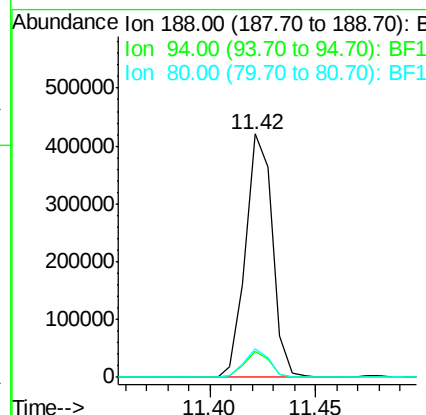
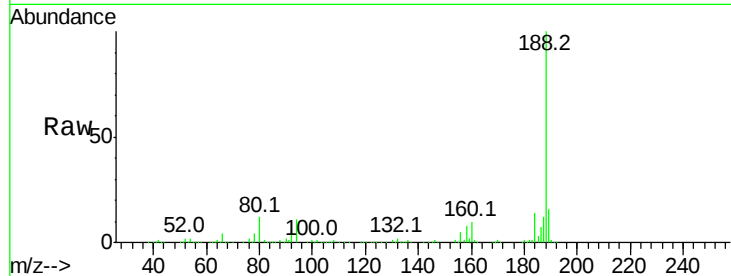




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

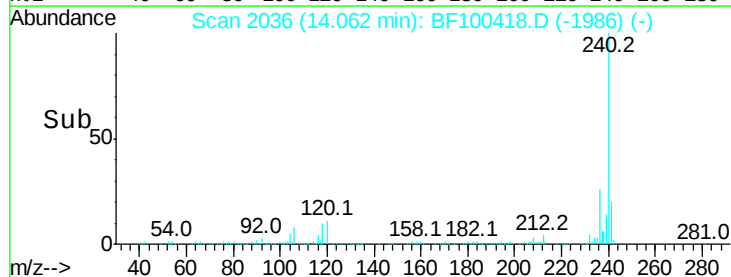
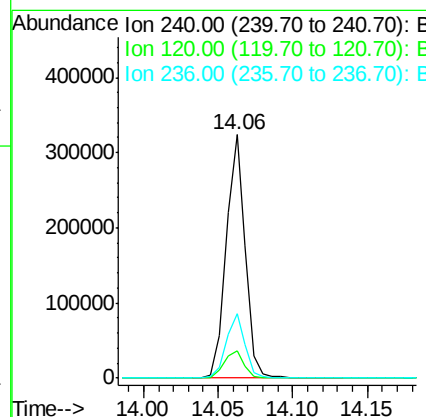
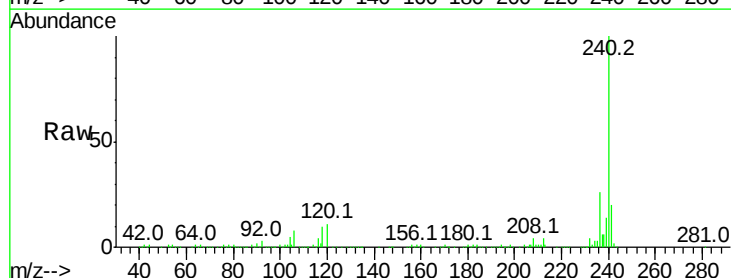
Instrument :
BNA_F
ClientSampleId :
110317-TIFR-F-U-B

Tot Ion:188 Resp: 369509
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100418.D
Acq: 11 Nov 2017 3:55

Tgt Ion:240 Resp: 291222
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 90.075 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

110317-TIFR-F-U-B

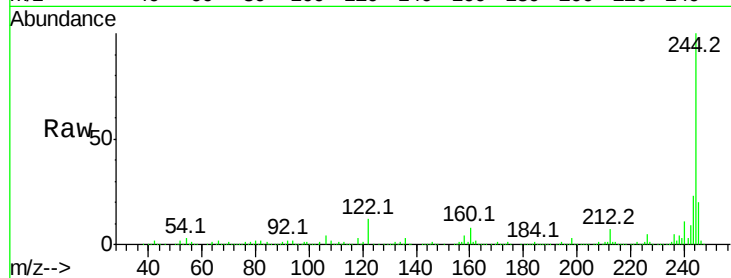
Tot Ion:244 Resp: 1141649

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

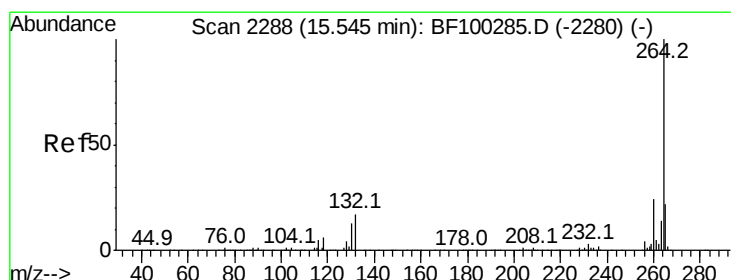
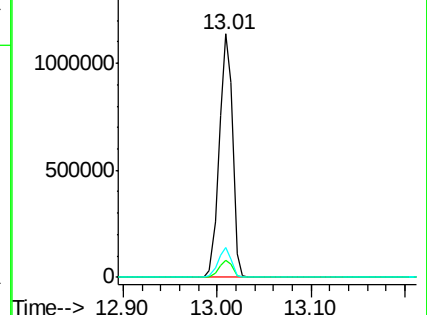
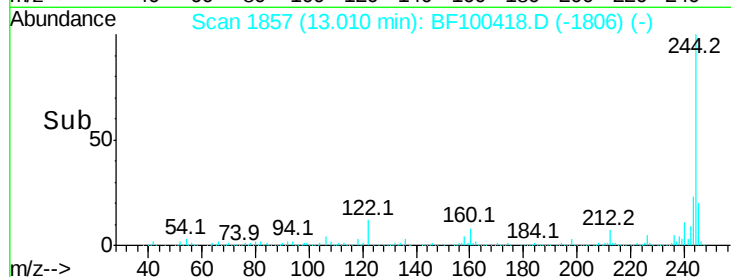
122 12.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100418.D

Acq: 11 Nov 2017 3:55

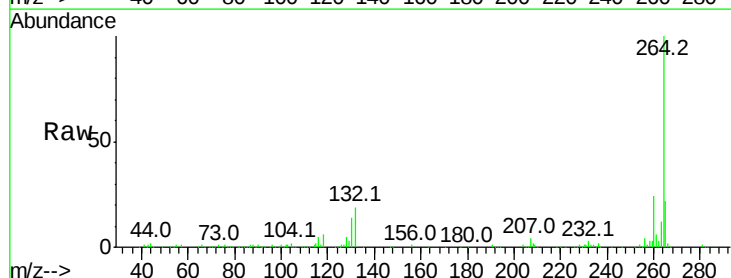
Tgt Ion:264 Resp: 224761

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 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

