

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100417.D
 Acq On : 11 Nov 2017 3:28
 Operator : SJ/JU
 Sample : I6355-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIFR-F-D-S

Quant Time: Nov 13 07:49:26 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	151514	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	552753	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	230459	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	356428	20.00	ng	0.00
75) Chrysene-d12	14.06	240	294132	20.00	ng	0.00
86) Perylene-d12	15.54	264	226684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	478689	50.64	ng	0.00
7) Phenol-d6	6.52	99	381750	32.75	ng	-0.01
23) Nitrobenzene-d5	7.47	82	945178	113.05	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	199382	84.90	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1545065	102.09	ng	0.00
78) Terphenyl-d14	13.01	244	1122049	87.65	ng	0.00

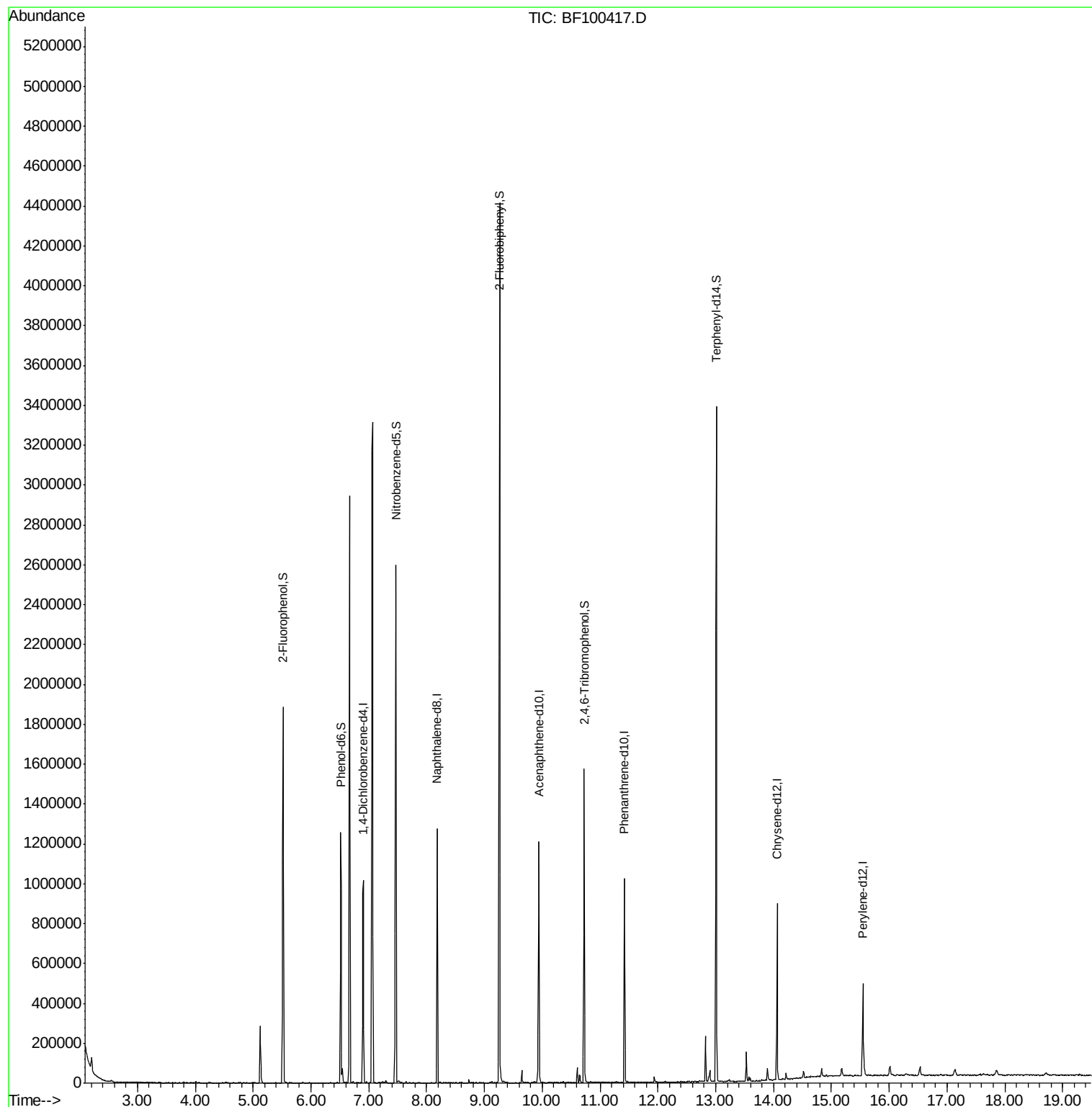
Target Compounds Qvalue

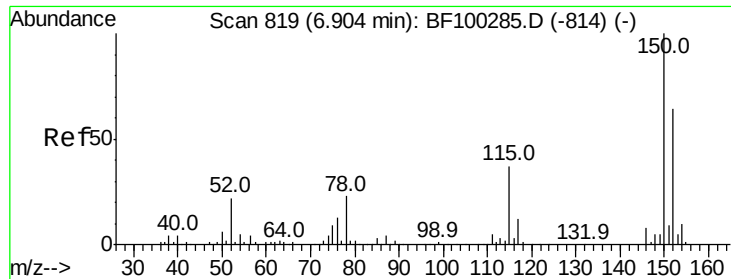
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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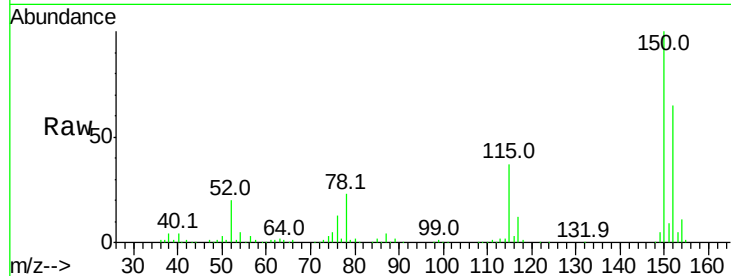


#1

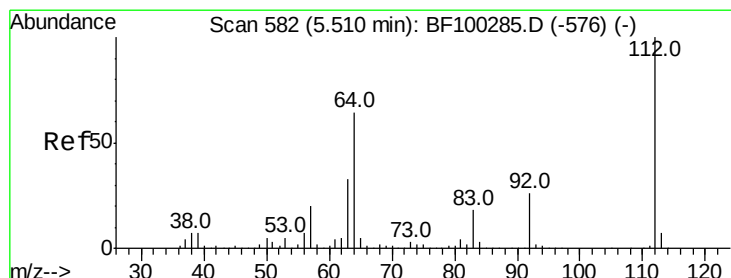
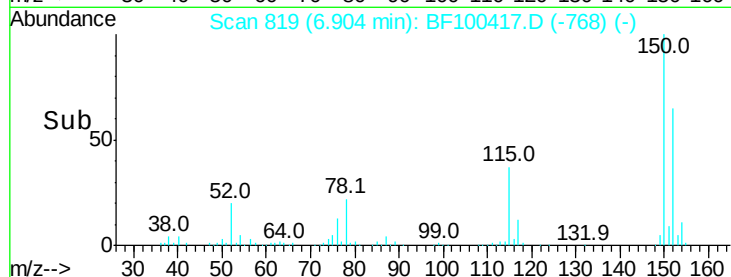
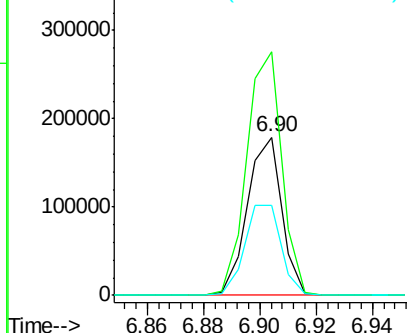
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Instrument :
BNA_F
ClientSampleId :
110317-TIFR-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	56.8	50.1	75.1



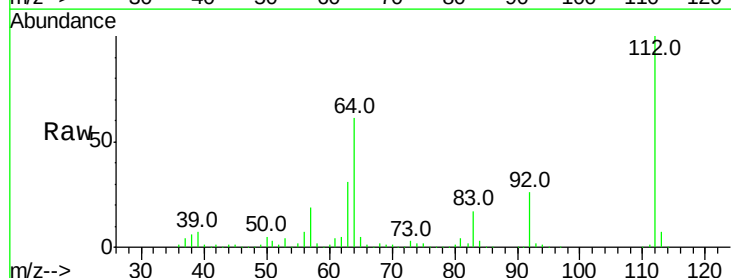
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



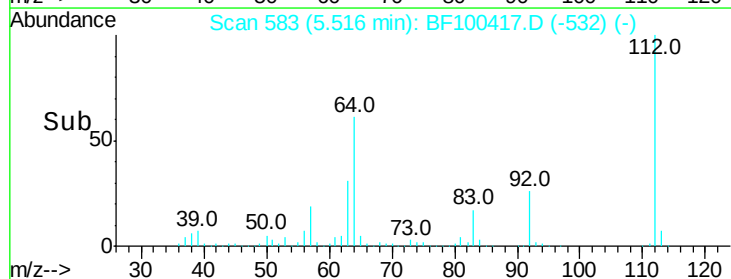
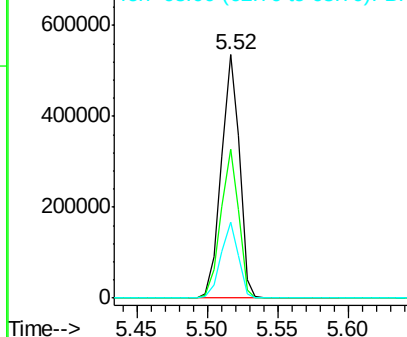
#5

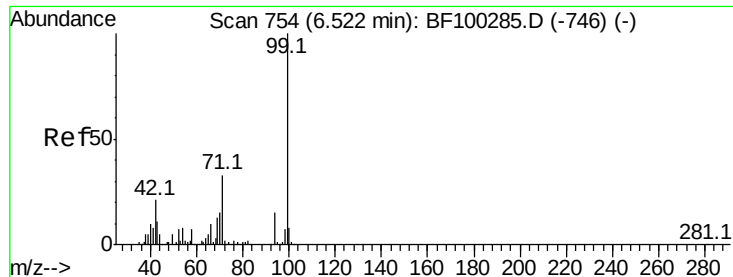
2-Fluorophenol
Concen: 50.644 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	31.4	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: 32.753 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

110317-TIFR-F-D-S

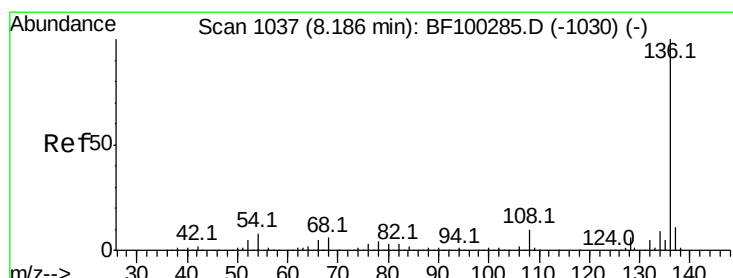
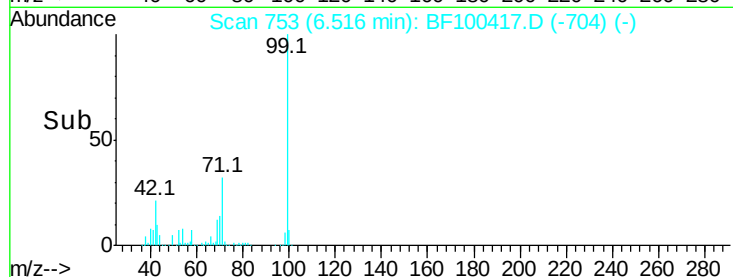
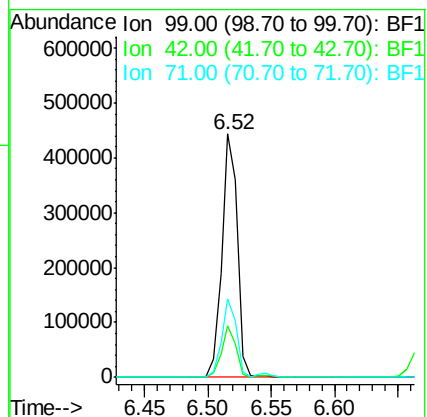
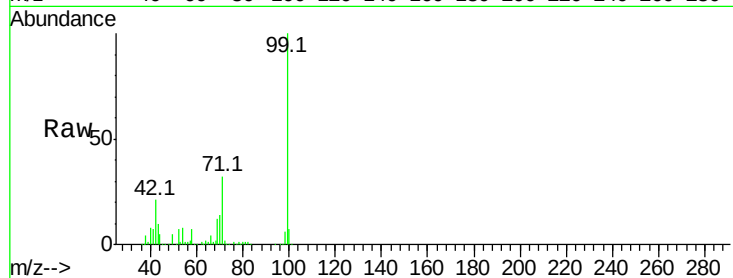
Tot Ion: 99 Resp: 381750

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 32.3 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: BF100417.D

Acq: 11 Nov 2017 3:28

Tgt Ion: 136 Resp: 552753

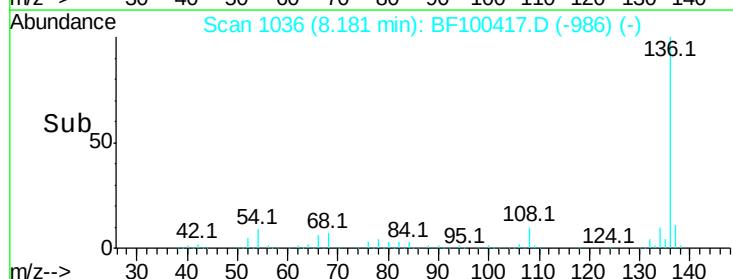
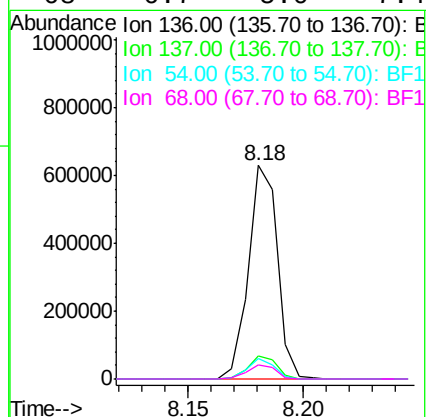
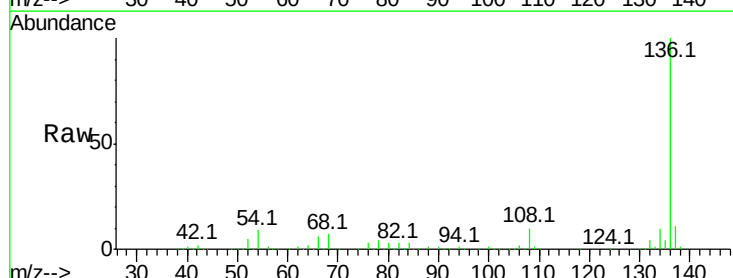
Ion Ratio Lower Upper

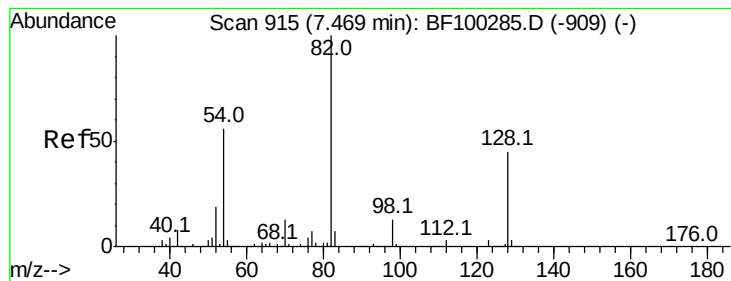
136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 113.050 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

110317-TIFR-F-D-S

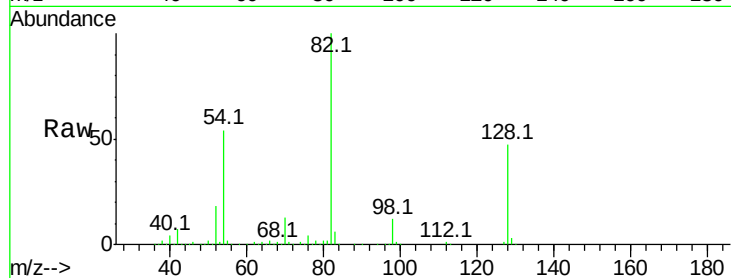
Tot Ion: 82 Resp: 945178

Ion Ratio Lower Upper

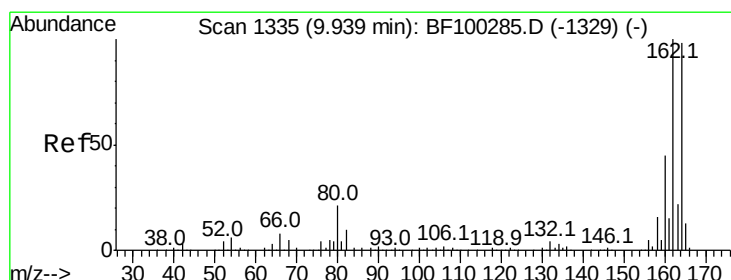
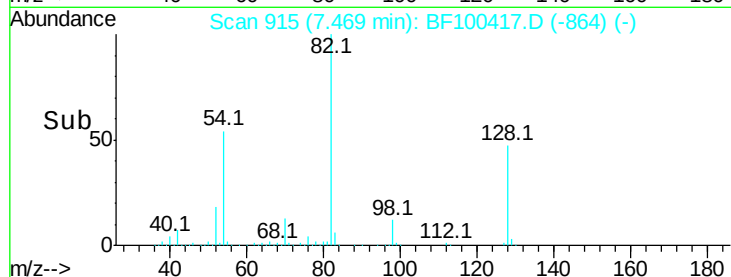
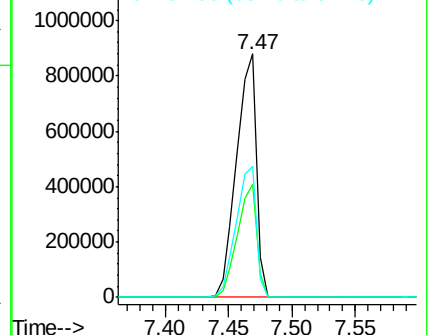
82 100

128 46.5 36.1 54.1

54 53.6 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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

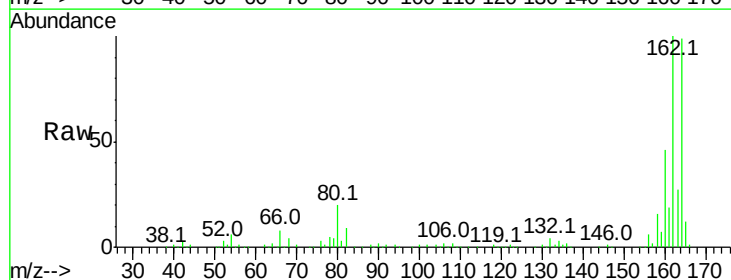
Tgt Ion: 164 Resp: 230459

Ion Ratio Lower Upper

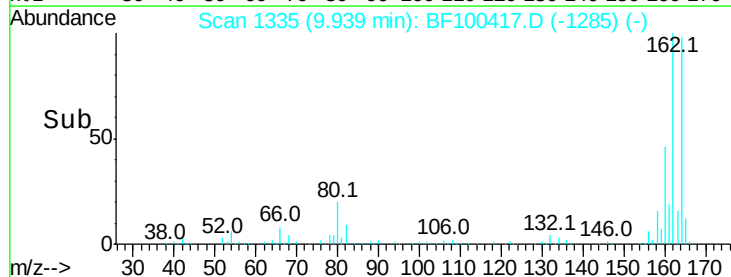
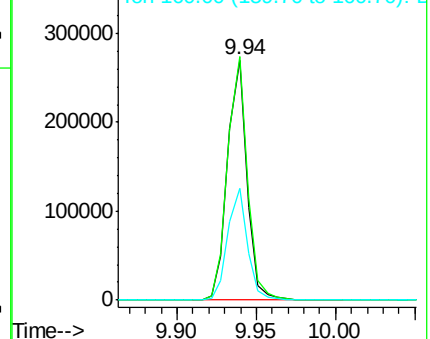
164 100

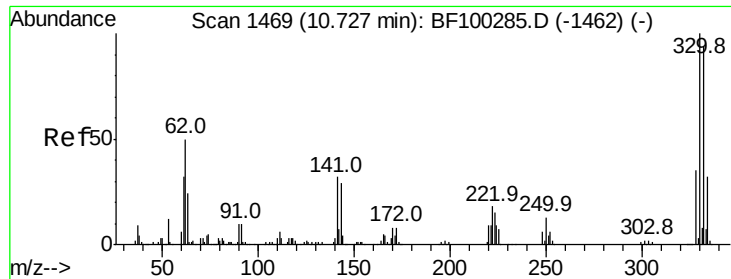
162 101.3 86.1 129.1

160 46.5 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

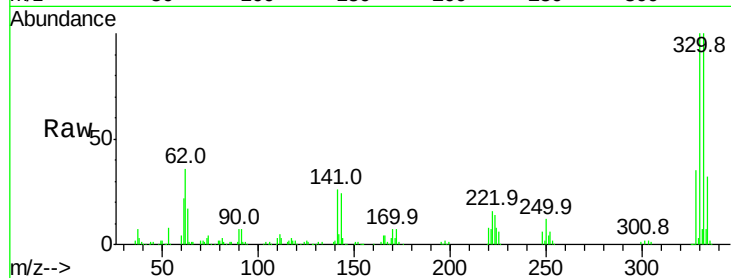




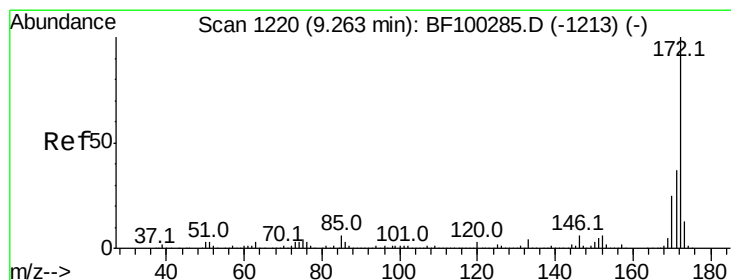
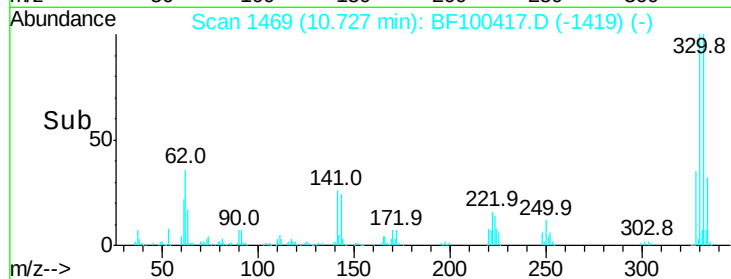
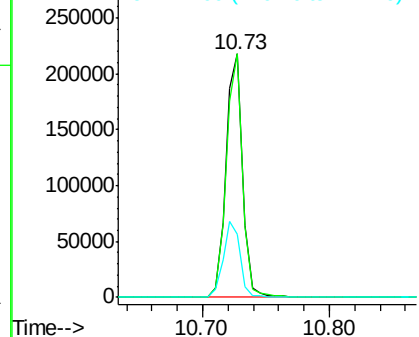
#41
 2,4,6-Tribromophenol
 Concen: 84.902 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100417.D
 Acq: 11 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIFR-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.7	29.9	44.9

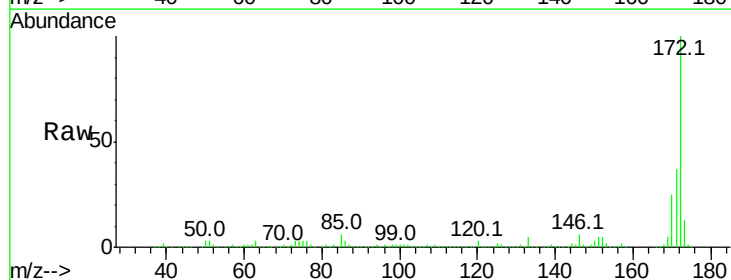


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

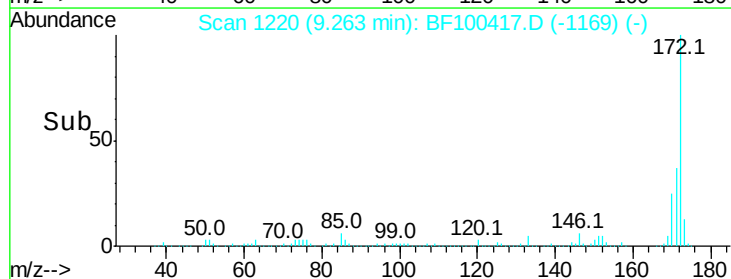
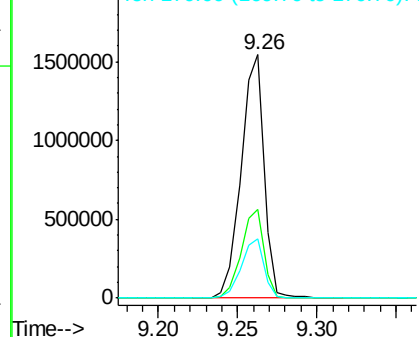


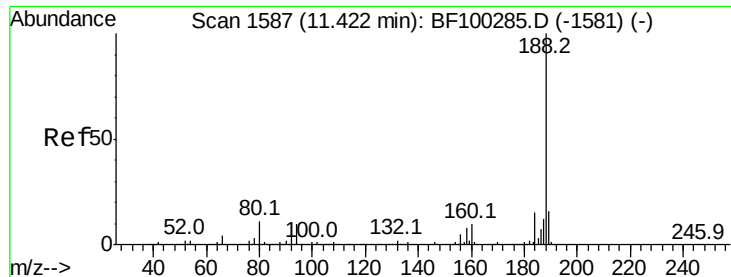
#44
 2-Fluorobiphenyl
 Concen: 102.087 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100417.D
 Acq: 11 Nov 2017 3:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	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: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

110317-TIFR-F-D-S

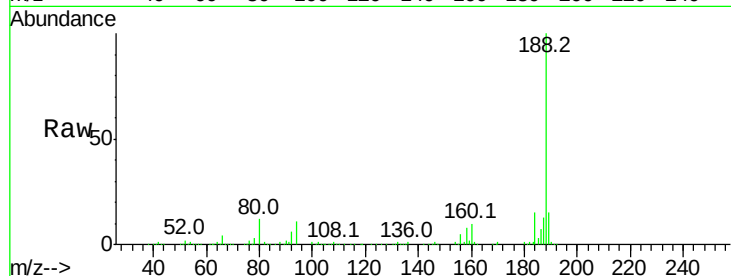
Tot Ion:188 Resp: 356428

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

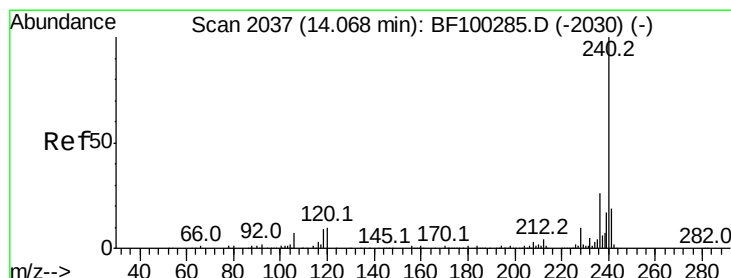
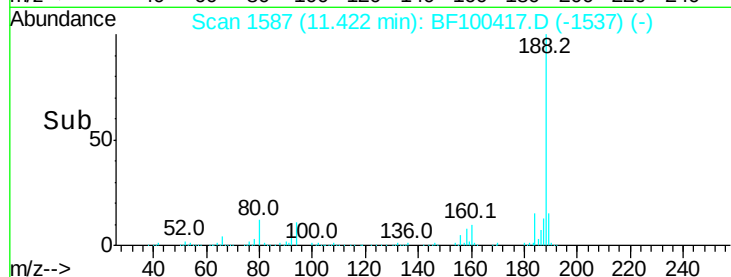
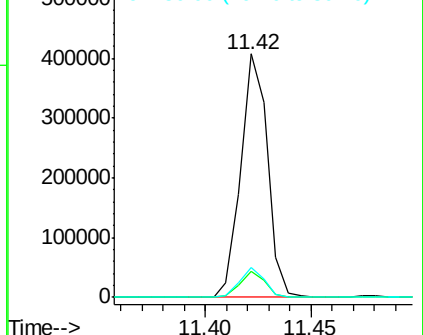
80 12.2 9.2 13.8



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

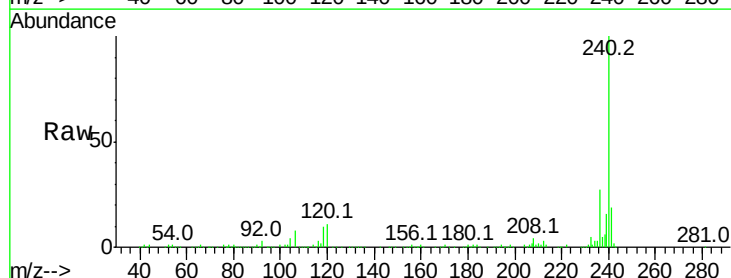
Tgt Ion:240 Resp: 294132

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

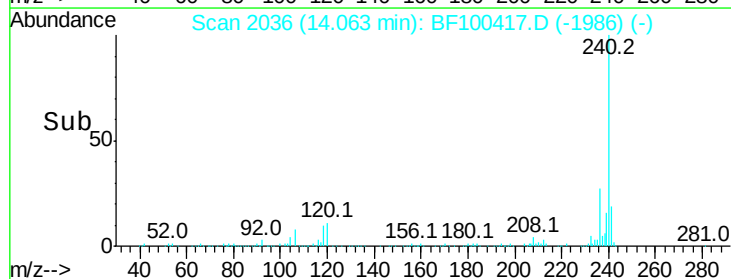
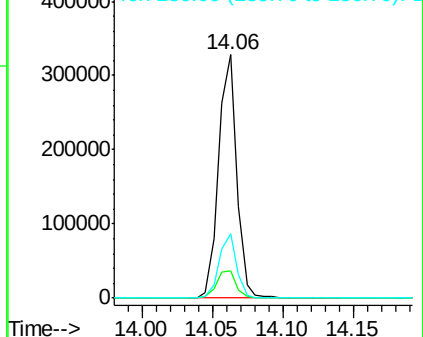
236 26.5 20.7 31.1

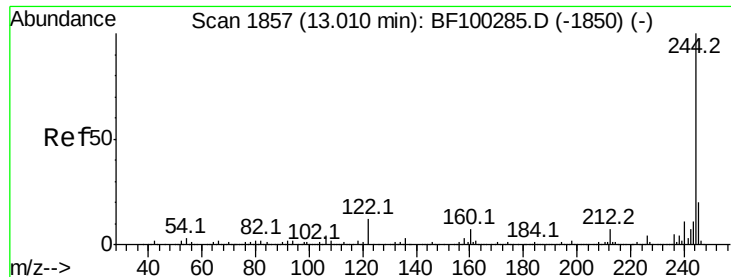


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.653 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

110317-TIFR-F-D-S

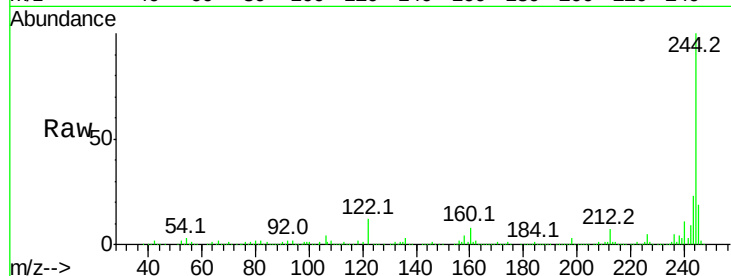
Tot Ion:244 Resp: 1122049

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

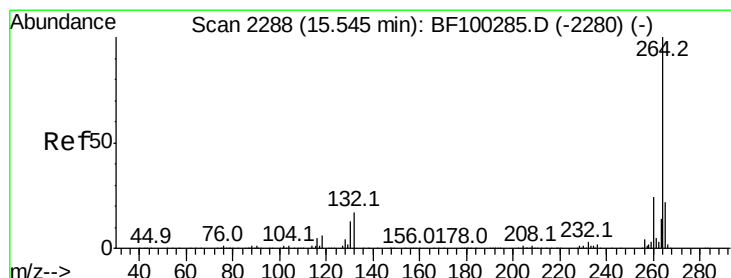
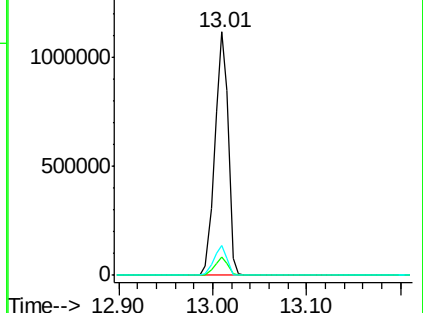
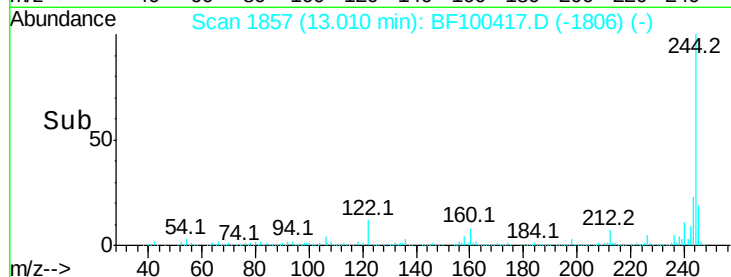
122 12.4 11.0 16.4



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: BF100417.D

Acq: 11 Nov 2017 3:28

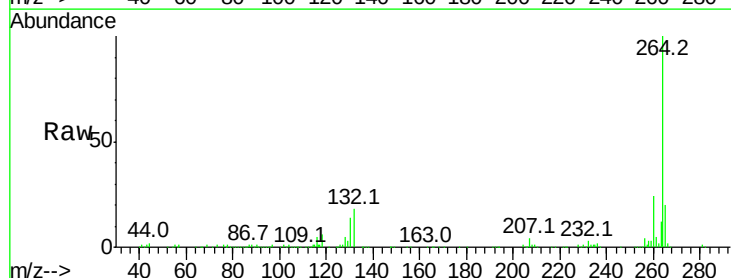
Tgt Ion:264 Resp: 226684

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.1 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

