

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100380.D
 Acq On : 10 Nov 2017 10:07
 Operator : SJ/JU
 Sample : I6355-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIDO-F-U-S

Quant Time: Nov 10 11:41:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159360	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	612856	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	266588	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	428645	20.00	ng	0.00
75) Chrysene-d12	14.06	240	293577	20.00	ng	-0.01
86) Perylene-d12	15.54	264	301337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	506618	50.96	ng	0.00
7) Phenol-d6	6.52	99	395702	32.28	ng	0.00
23) Nitrobenzene-d5	7.46	82	1075491	116.02	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	255898	94.20	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1759183	100.48	ng	0.00
78) Terphenyl-d14	13.01	244	1151012	90.09	ng	0.00

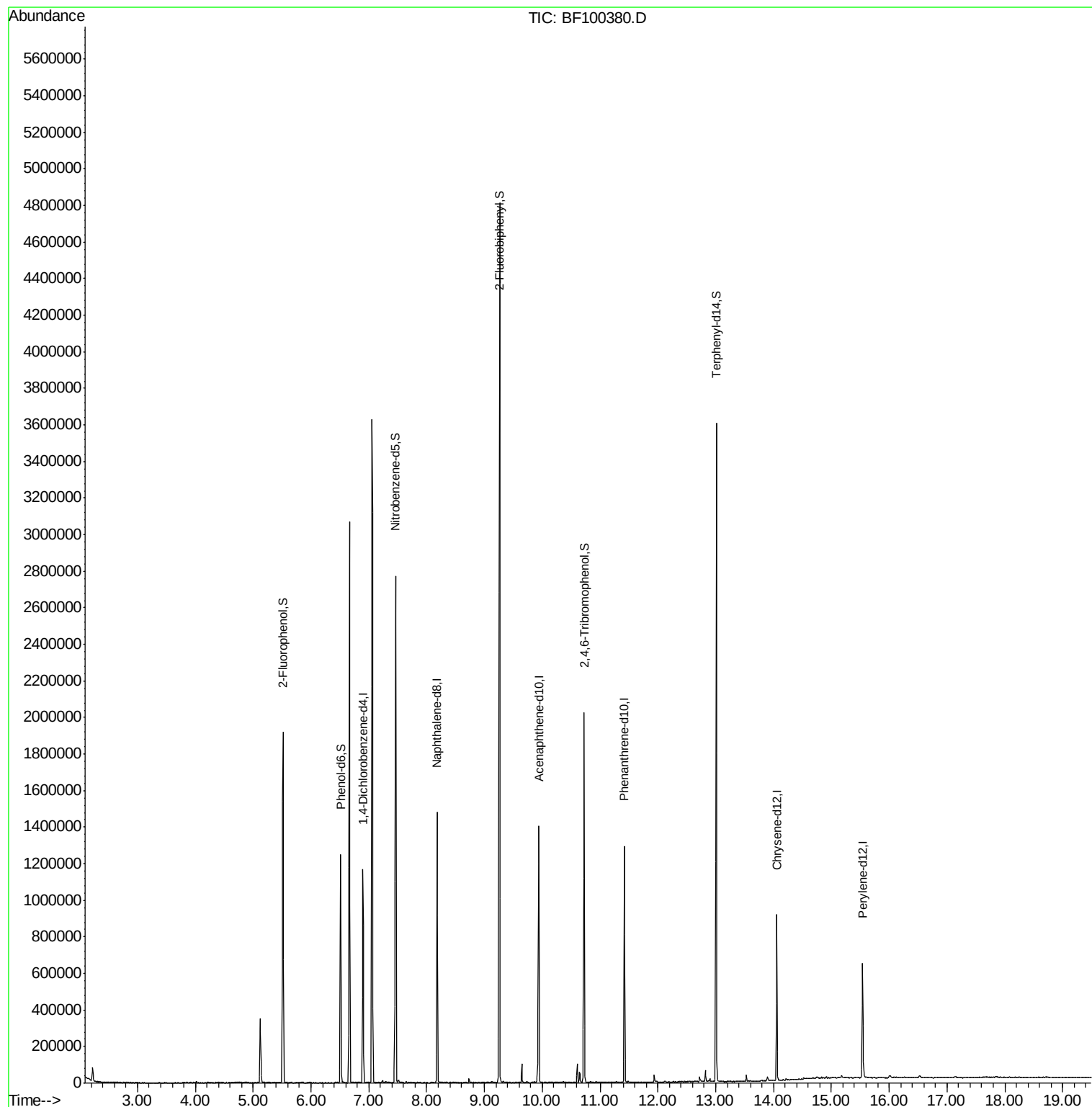
Target Compounds Qvalue

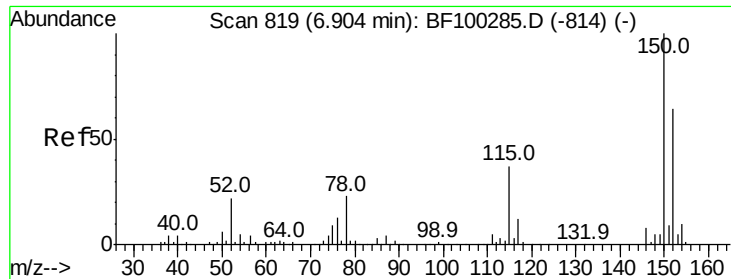
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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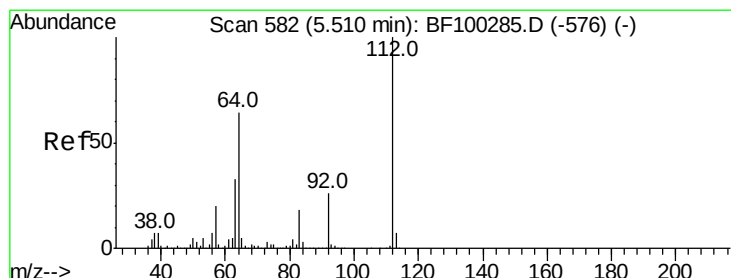
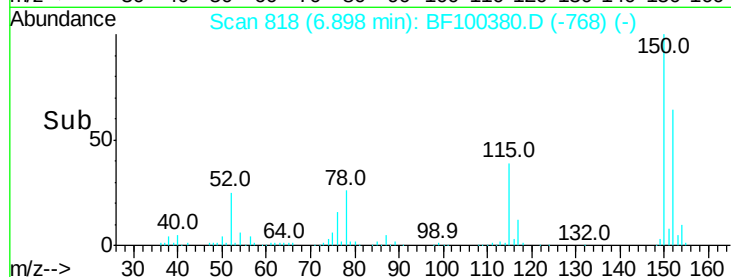
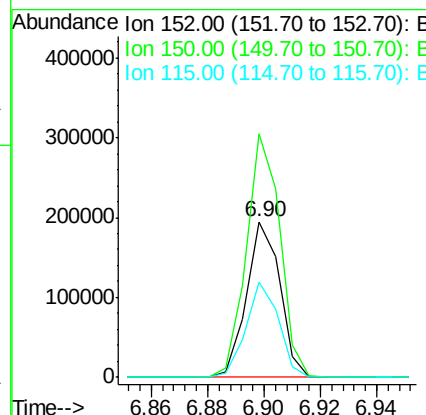
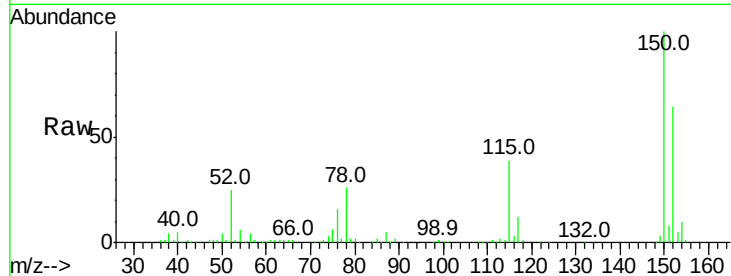


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Instrument :
BNA_F
ClientSampleId :
110317-TIDO-F-U-S

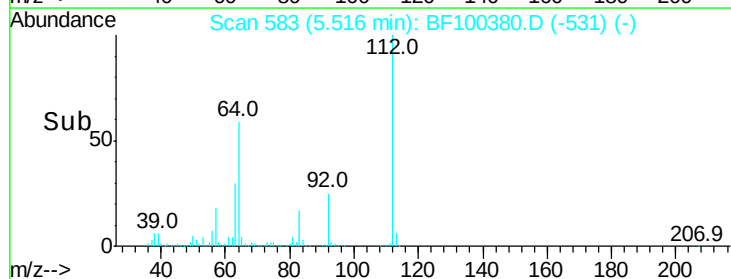
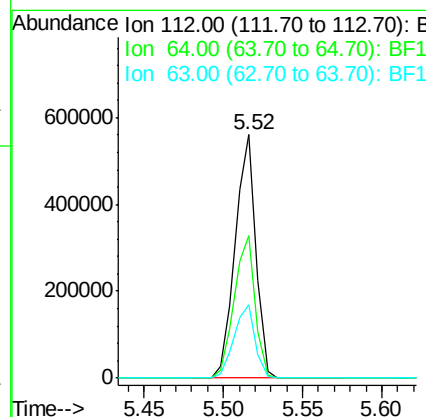
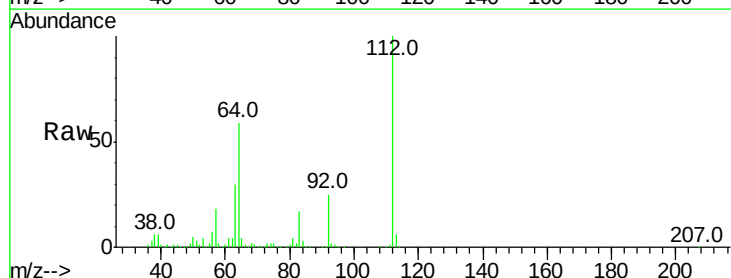
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	60.9	50.1	75.1

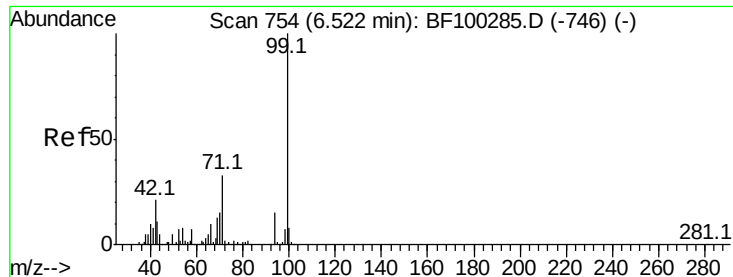


#5

2-Fluorophenol
Concen: 50.960 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 32.278 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

Instrument :

BNA_F

ClientSampleId :

110317-TIDO-F-U-S

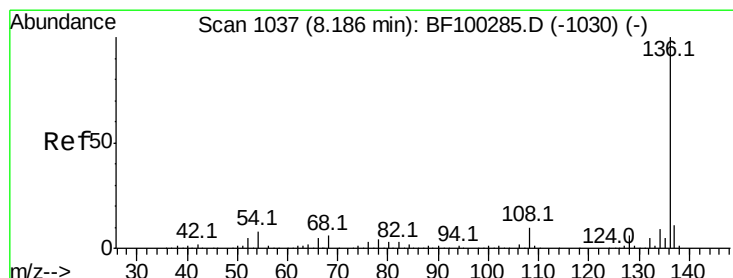
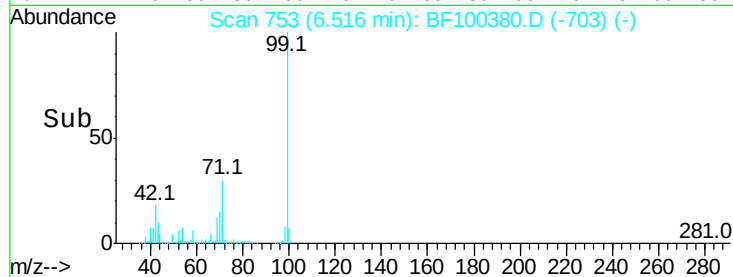
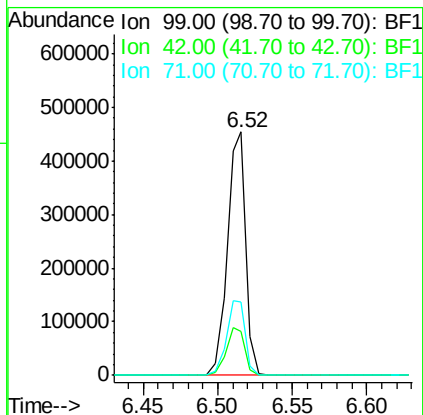
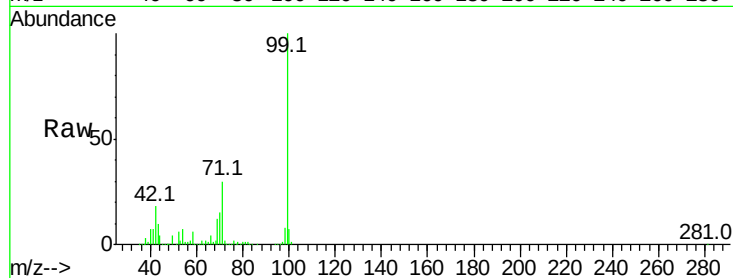
Tot Ion: 99 Resp: 395702

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 30.1 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: BF100380.D

Acq: 10 Nov 2017 10:07

Tgt Ion: 136 Resp: 612856

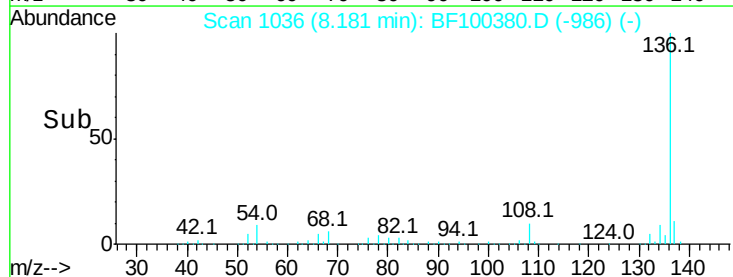
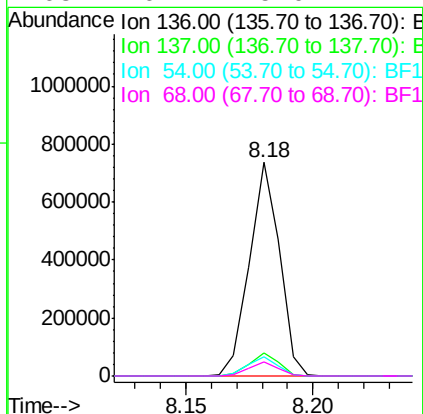
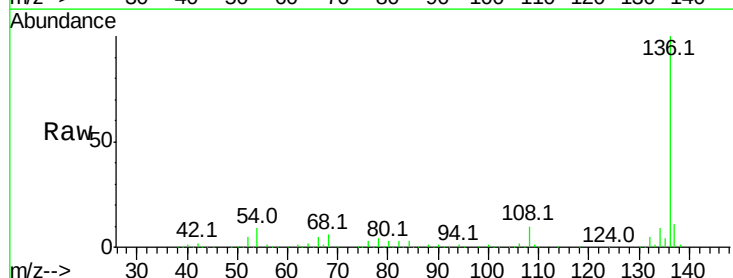
Ion Ratio Lower Upper

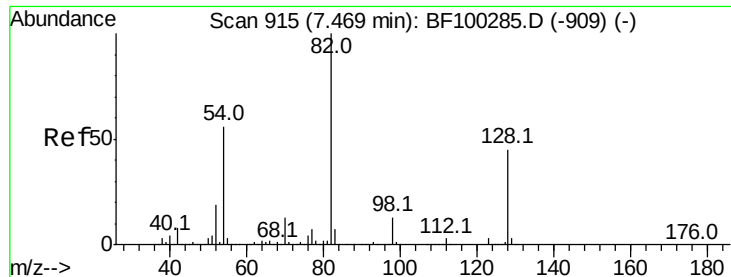
136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4



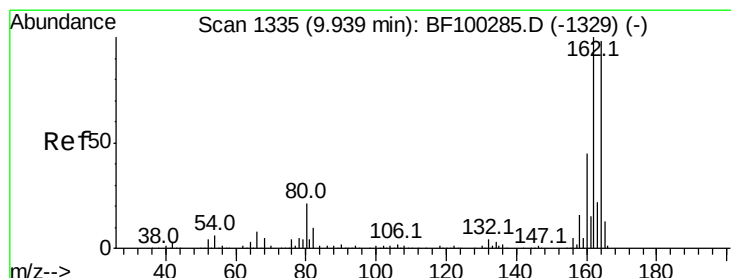
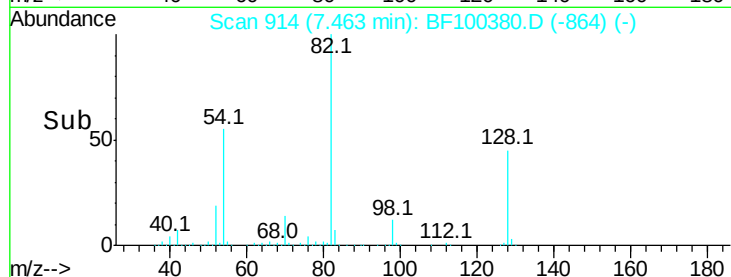
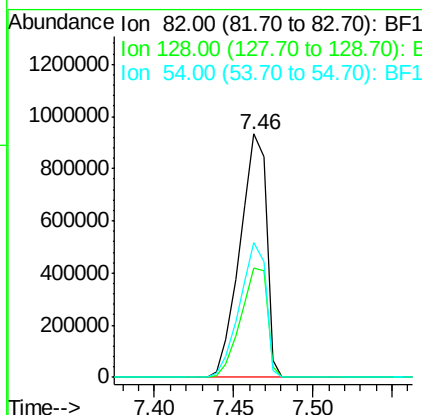
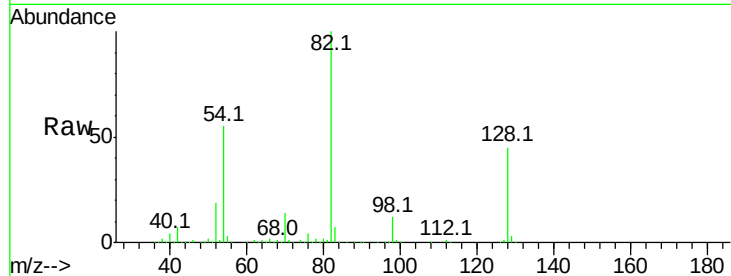


#23
 Nitrobenzene-d5
 Concen: 116.021 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIDO-F-U-S

Tot Ion: 82 Resp: 1075491

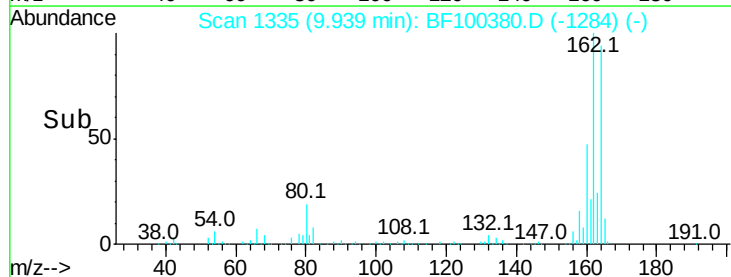
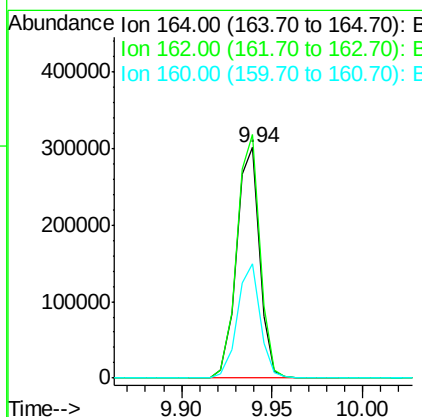
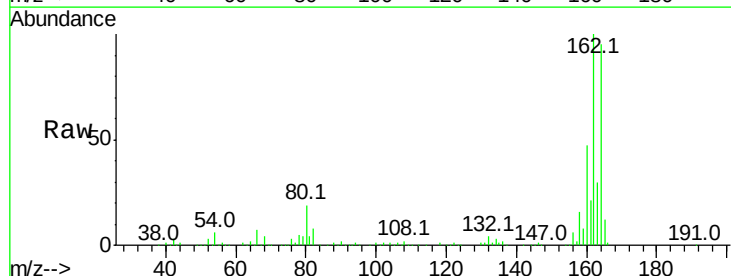
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	55.3	41.4	62.2

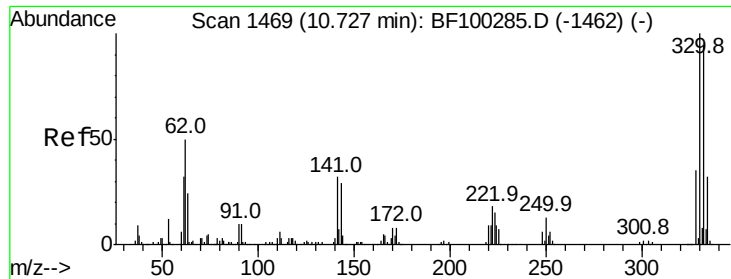


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Tgt Ion:164 Resp: 266588

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	49.5	38.3	57.5

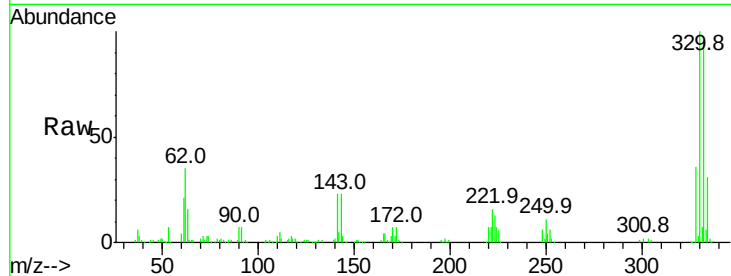




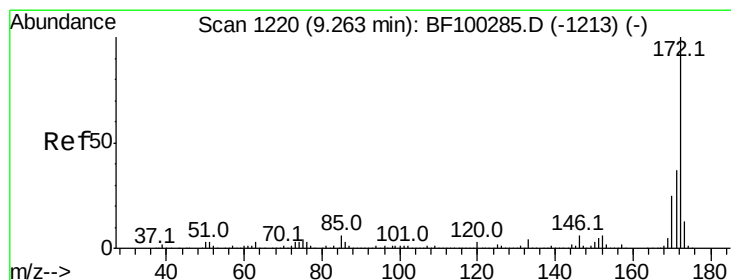
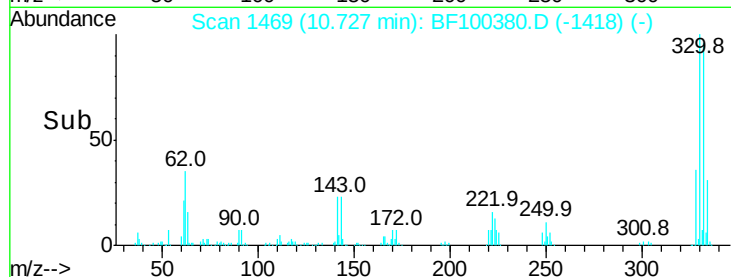
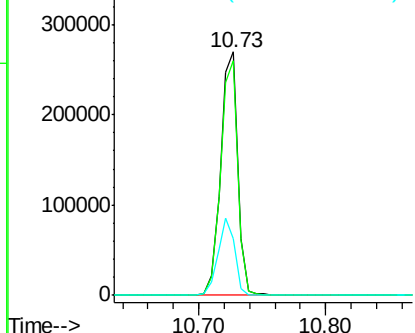
#41
 2,4,6-Tribromophenol
 Concen: 94.200 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.0	29.9	44.9

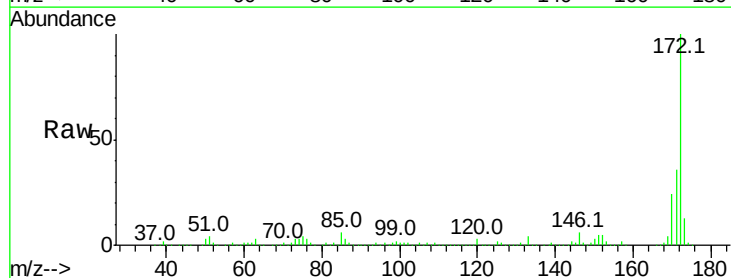


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

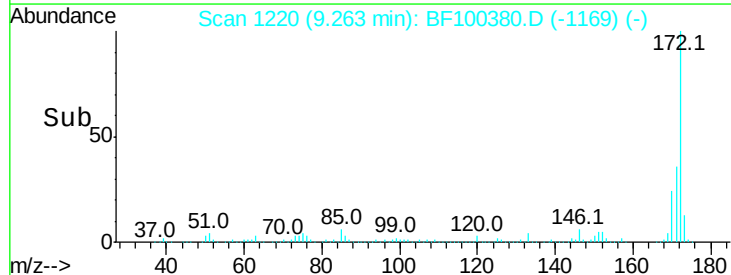
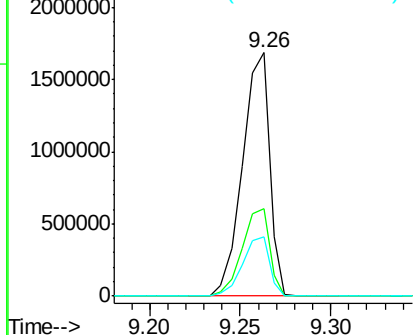


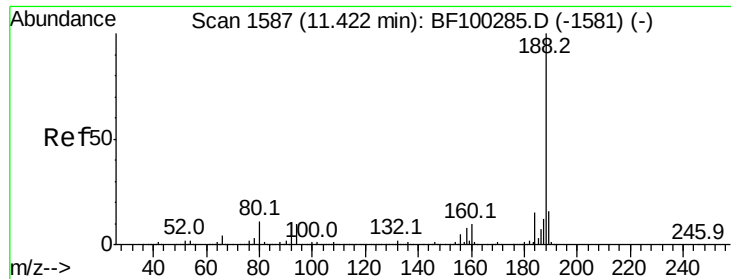
#44
 2-Fluorobiphenyl
 Concen: 100.482 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100380.D
 Acq: 10 Nov 2017 10:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	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

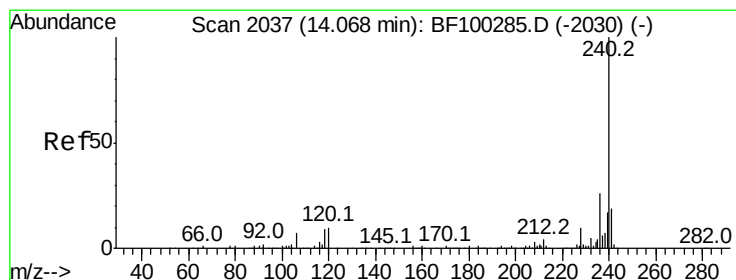
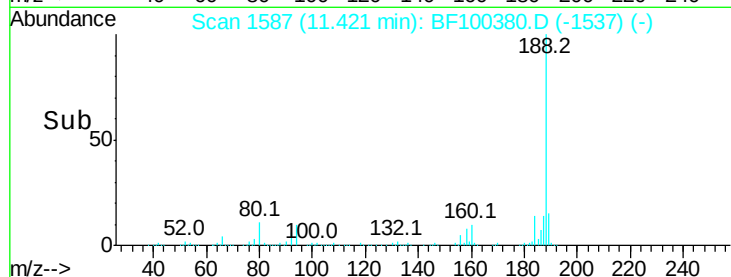
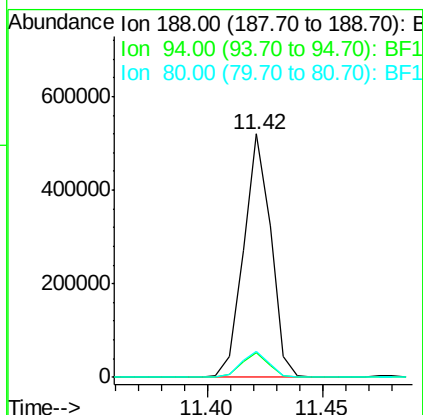
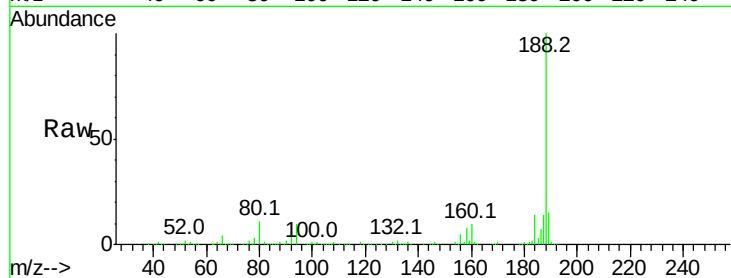




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

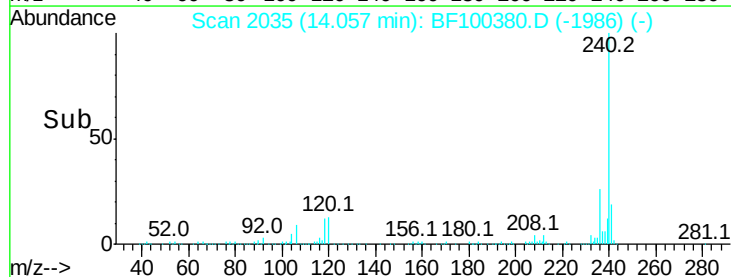
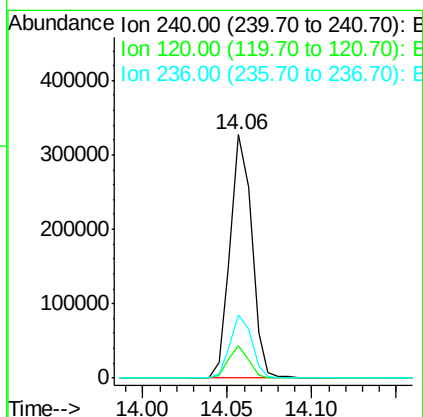
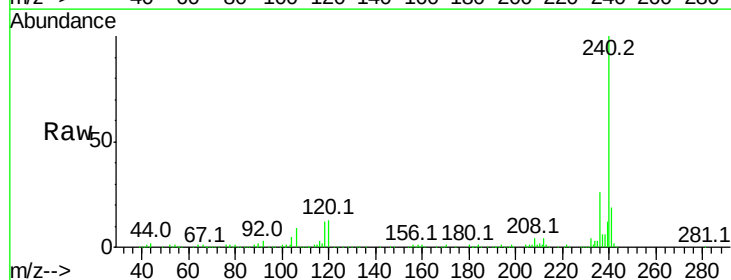
Instrument :
BNA_F
ClientSampleId :
110317-TIDO-F-U-S

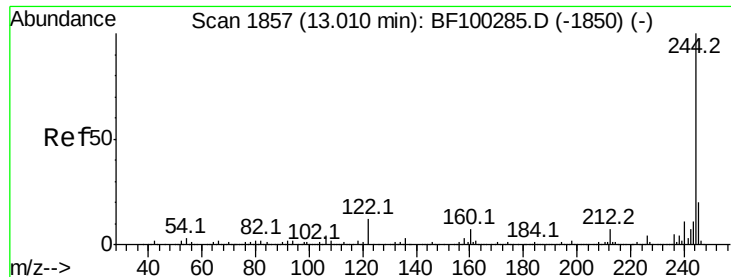
Tot Ion:188 Resp: 428645
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100380.D
Acq: 10 Nov 2017 10:07

Tgt Ion:240 Resp: 293577
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 90.085 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

Instrument :

BNA_F

ClientSampleId :

110317-TIDO-F-U-S

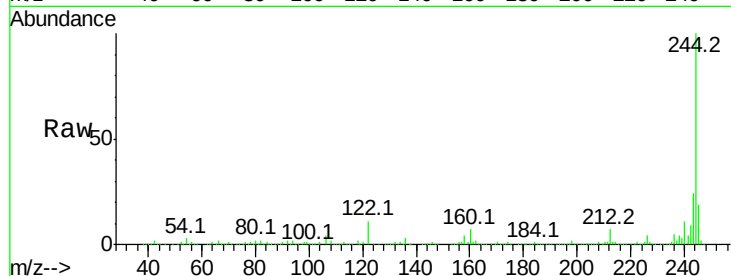
Tot Ion:244 Resp: 1151012

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

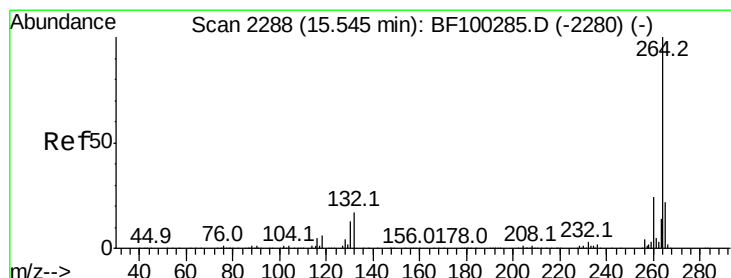
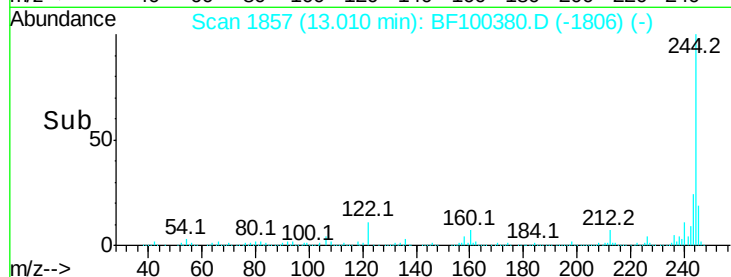
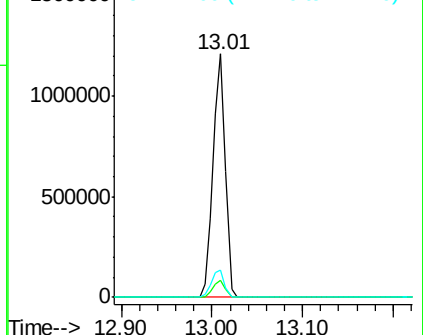
122 11.1 11.0 16.4



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# 2287

Delta R.T. -0.01 min

Lab File: BF100380.D

Acq: 10 Nov 2017 10:07

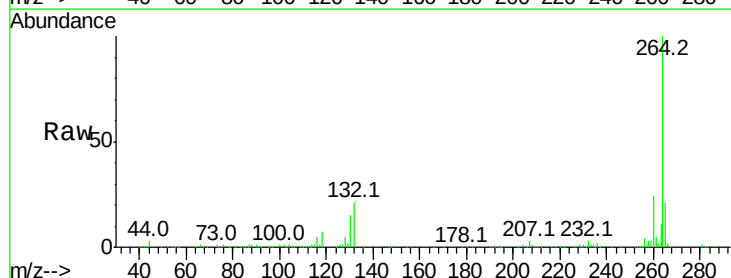
Tgt Ion:264 Resp: 301337

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.6 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

