

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100811.D
 Acq On : 22 Nov 2017 5:59
 Operator : SJ/JU
 Sample : I6542-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-U-S

Quant Time: Nov 22 07:50:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	86488	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	337301	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	145047	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	233288	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	167504	20.00	ng	-0.01
86) Perylene-d12	15.51	264	146600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	230793	42.78	ng	0.00
7) Phenol-d6	6.49	99	172989	26.00	ng	-0.02
23) Nitrobenzene-d5	7.44	82	540069	105.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	126590	85.65	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1010638	106.10	ng	0.00
78) Terphenyl-d14	12.98	244	634965	87.10	ng	0.00

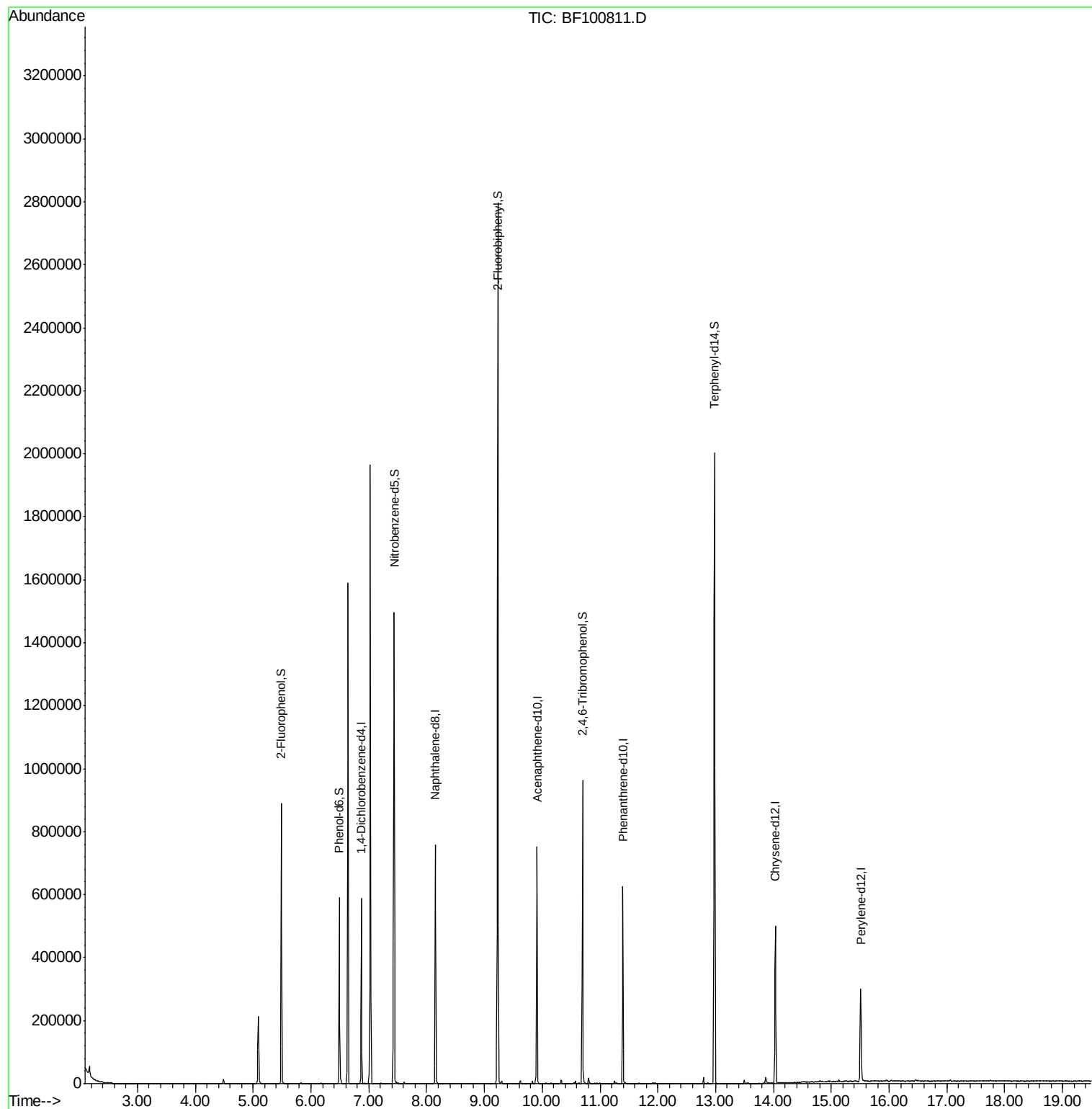
Target Compounds Qvalue

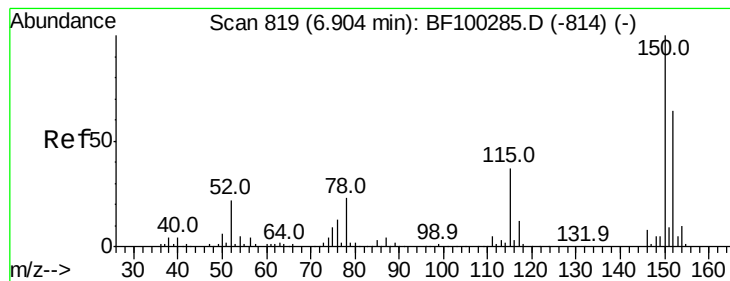
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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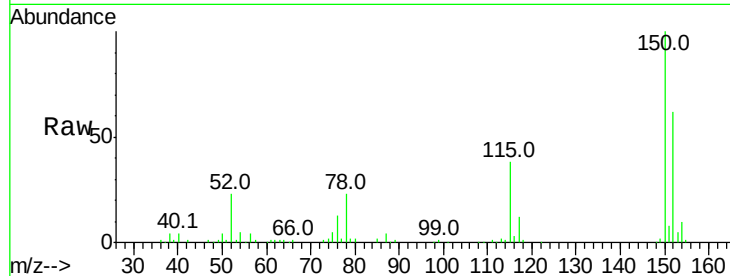


#1

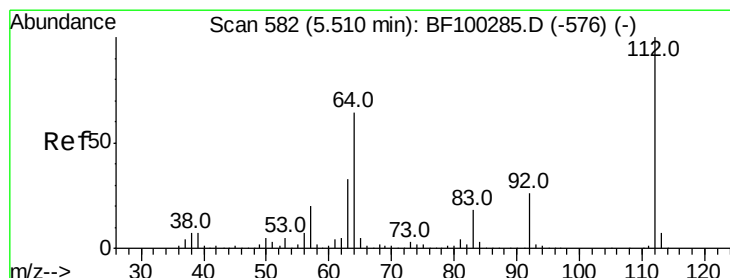
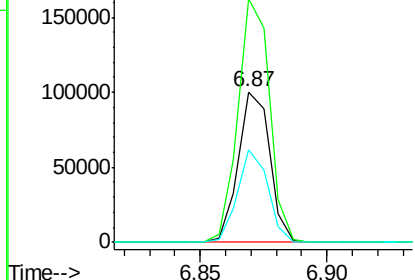
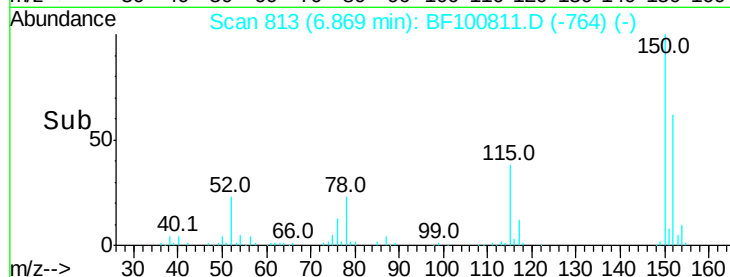
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-U-S

Tot Ion:152 Resp: 86488
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 61.4 50.1 75.1



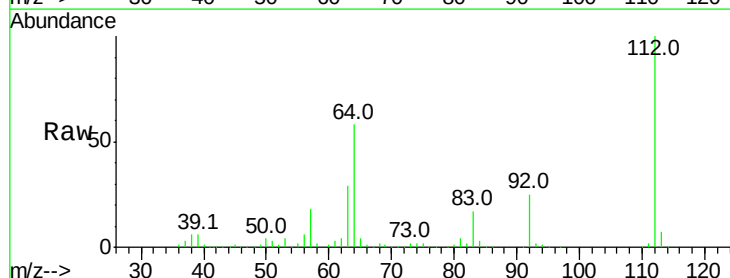
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



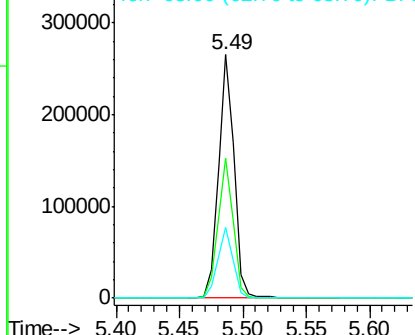
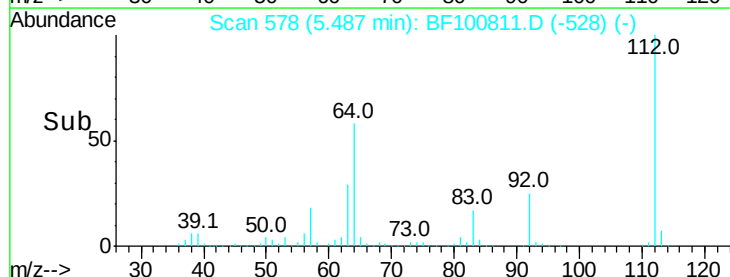
#5

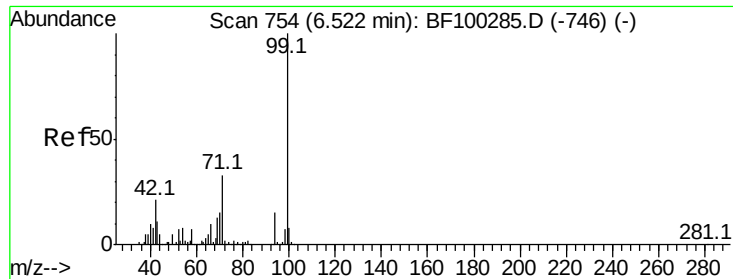
2-Fluorophenol
Concen: 42.776 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Tgt Ion:112 Resp: 230793
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.1 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: 26.001 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-U-S

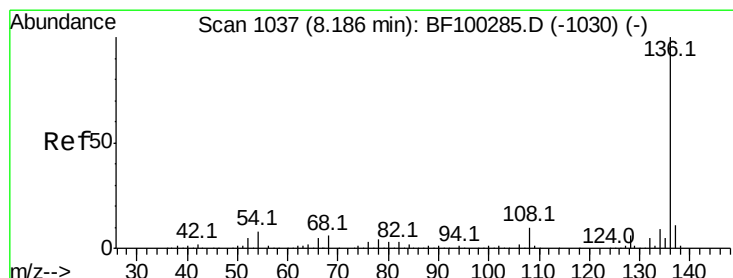
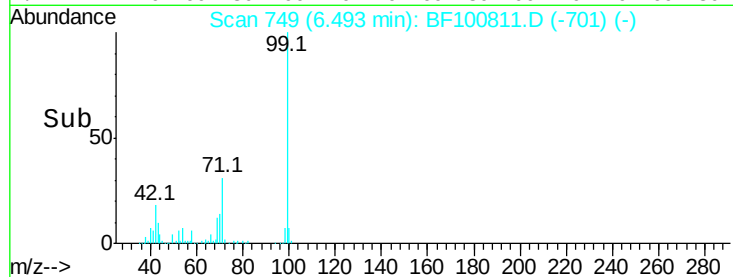
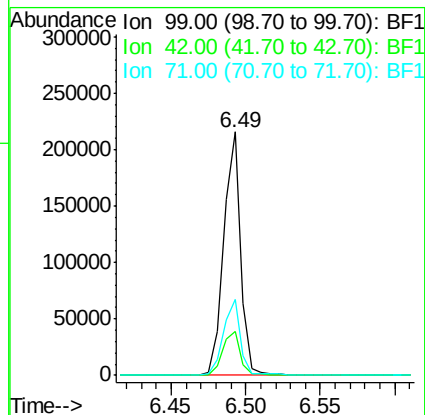
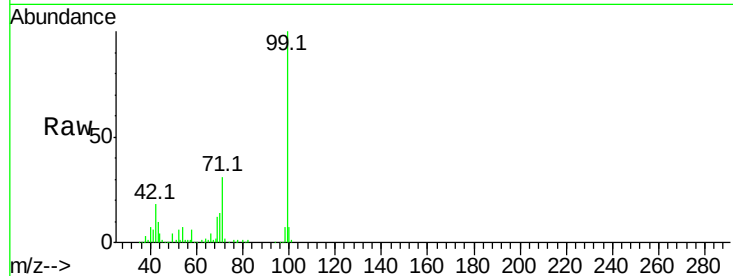
Tot Ion: 99 Resp: 172989

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 31.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Tgt Ion: 136 Resp: 337301

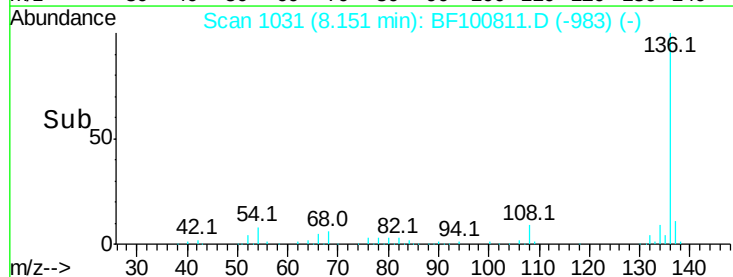
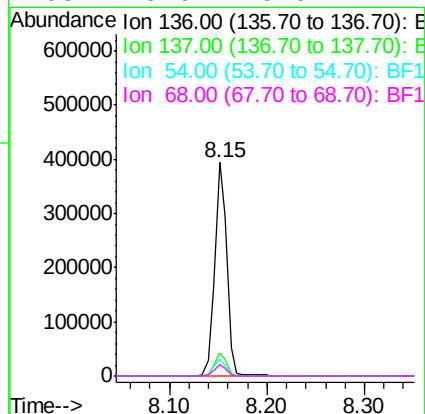
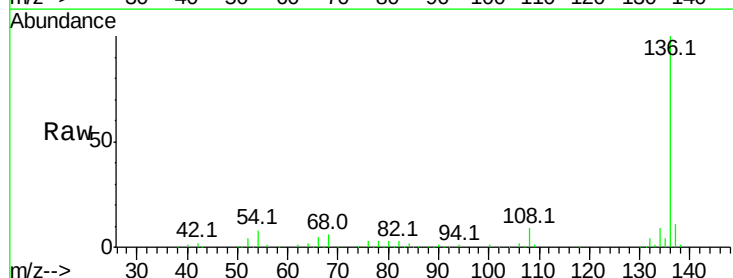
Ion Ratio Lower Upper

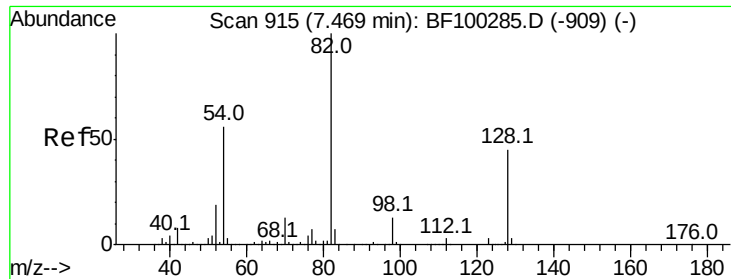
136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.6 5.0 7.4

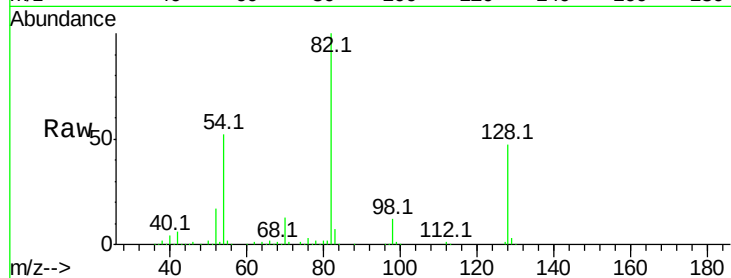




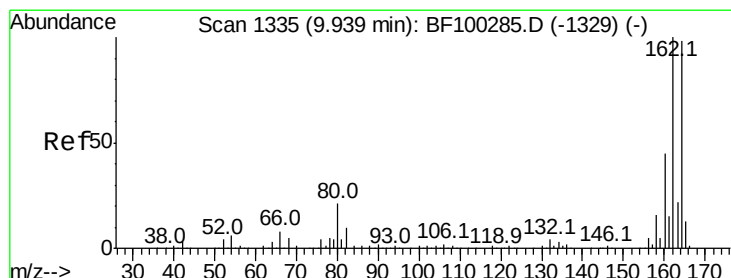
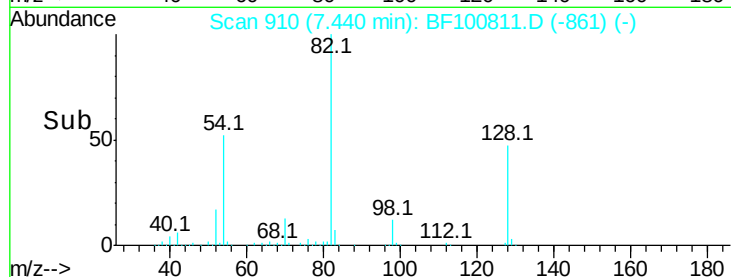
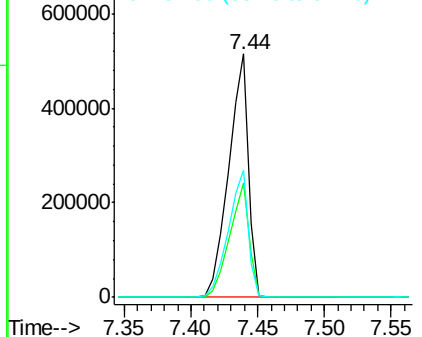
#23
Nitrobenzene-d5
Concen: 105.857 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-U-S

Tot Ion: 82 Resp: 540069
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 52.4 41.4 62.2

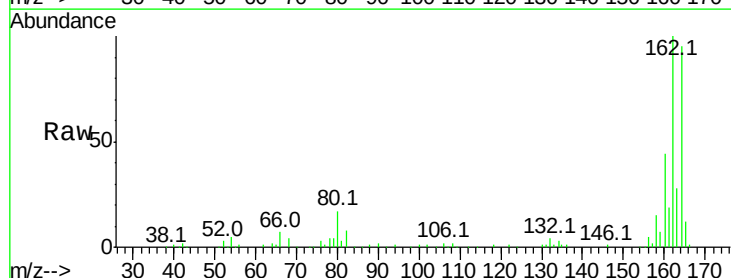


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

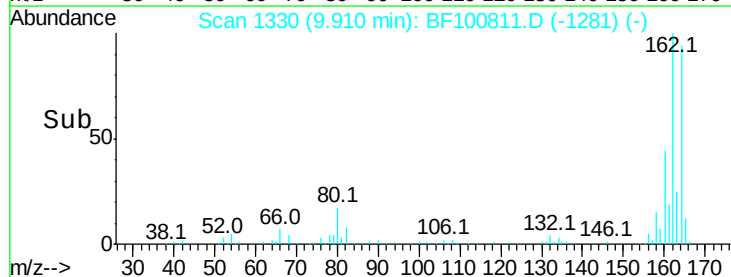
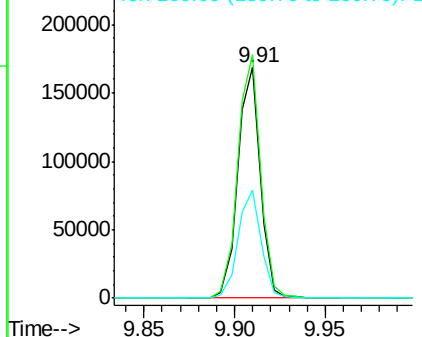


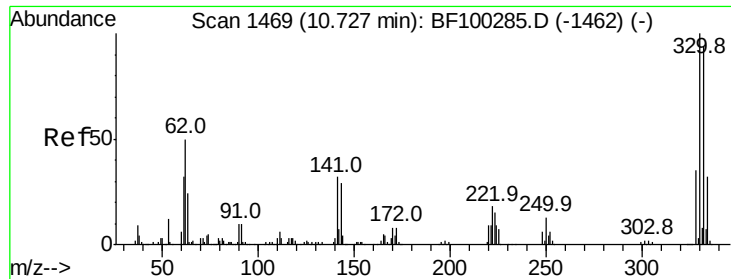
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Tgt Ion: 164 Resp: 145047
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 46.7 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

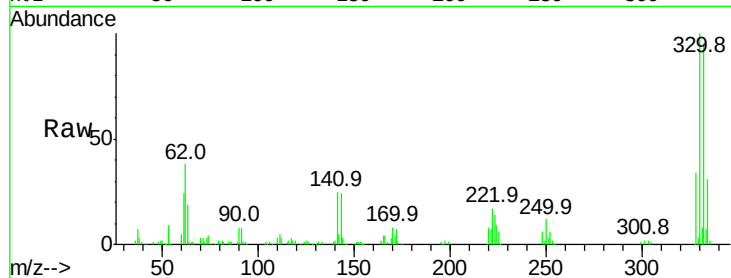




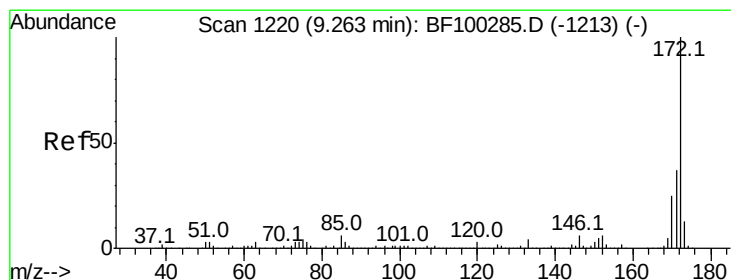
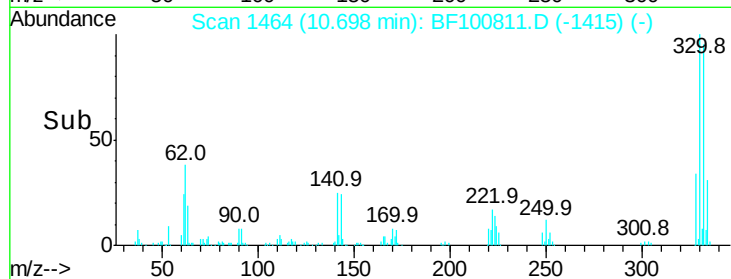
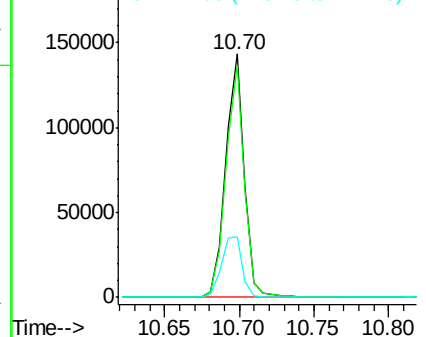
#41
 2,4,6-Tribromophenol
 Concen: 85.648 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100811.D
 Acq: 22 Nov 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	27.8	29.9	44.9#

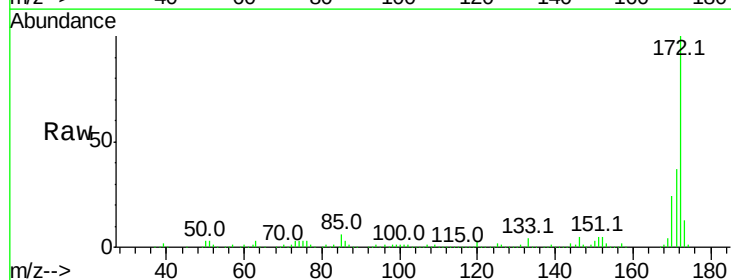


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

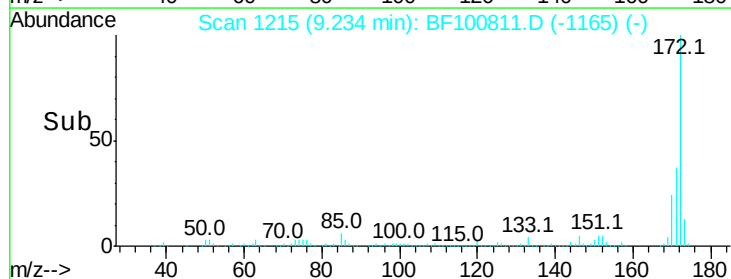
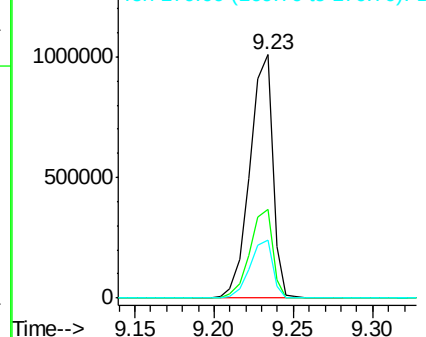


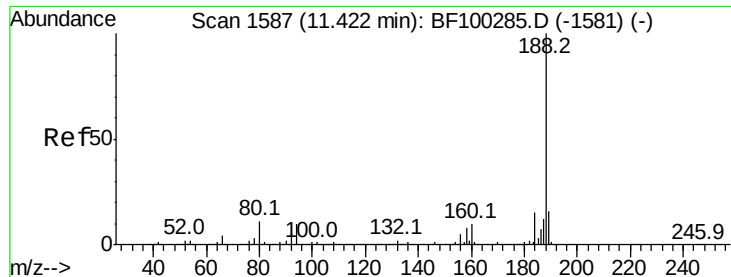
#44
 2-Fluorobiphenyl
 Concen: 106.097 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100811.D
 Acq: 22 Nov 2017 5:59

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: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-U-S

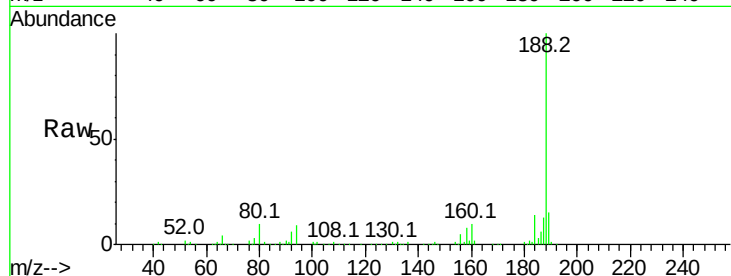
Tot Ion:188 Resp: 233288

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

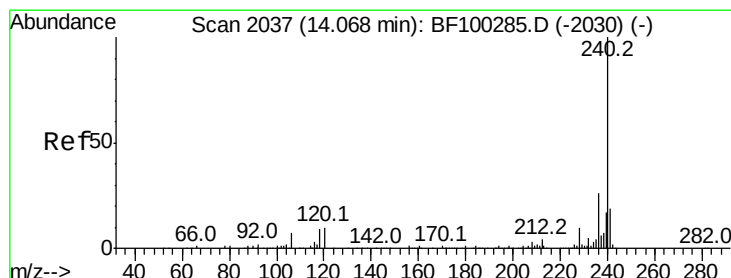
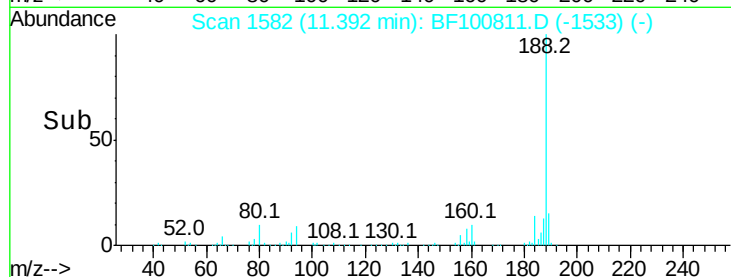
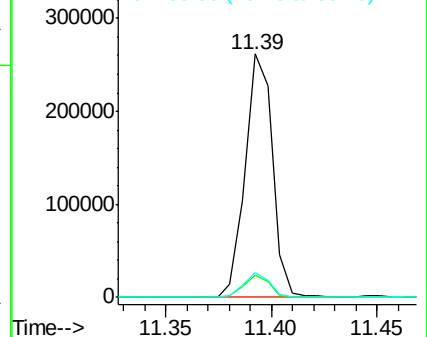
80 10.0 9.2 13.8



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

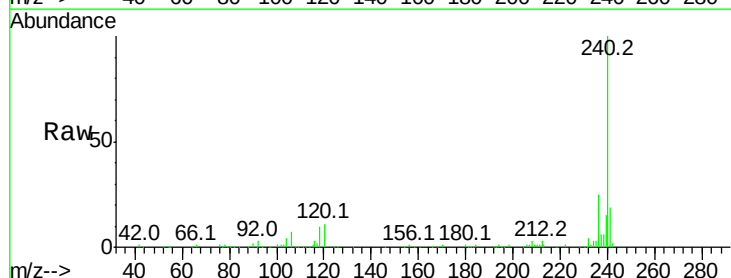
Tgt Ion:240 Resp: 167504

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

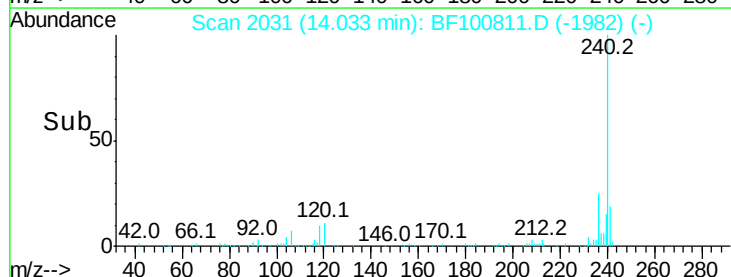
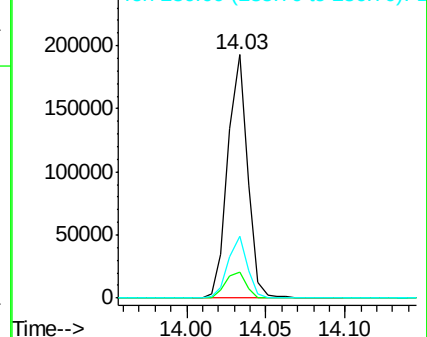
236 25.3 20.7 31.1

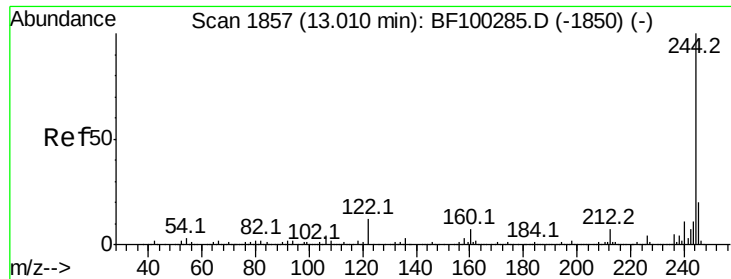


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.100 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-U-S

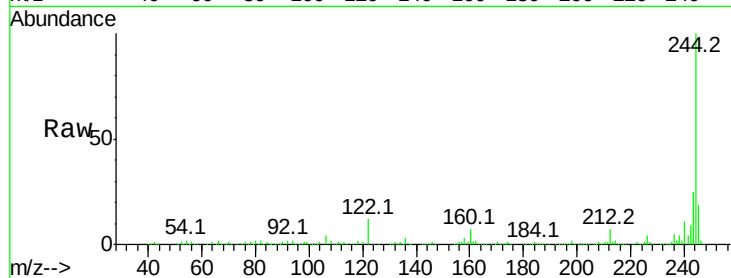
Tot Ion:244 Resp: 634965

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

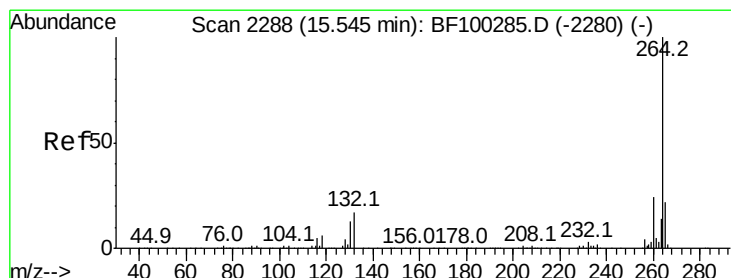
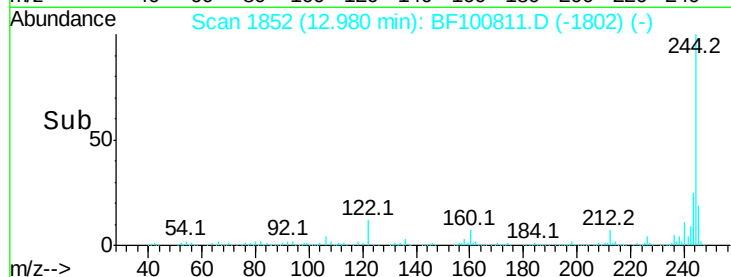
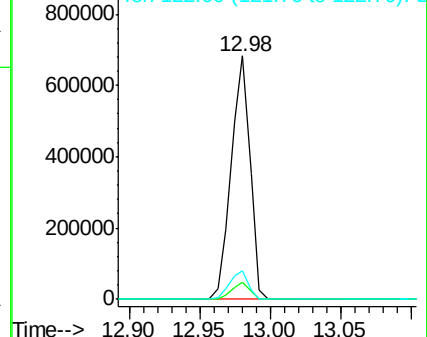
122 11.6 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

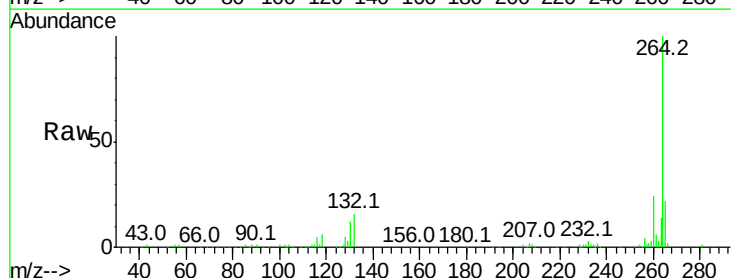
Tgt Ion:264 Resp: 146600

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

