

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100720.D
 Acq On : 18 Nov 2017 13:57
 Operator : SJ/JU
 Sample : I6521-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(0-5)

Quant Time: Nov 20 04:19:14 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	6.88	152	89578	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	356704	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155981	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	263048	20.00	ng	0.00
75) Chrysene-d12	14.04	240	207941	20.00	ng	0.00
86) Perylene-d12	15.52	264	178718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	590295	105.63	ng	0.02
7) Phenol-d6	6.51	99	609876	88.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	518308	96.07	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	193180	121.54	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	998124	97.44	ng	0.00
78) Terphenyl-d14	12.99	244	803703	88.81	ng	0.00

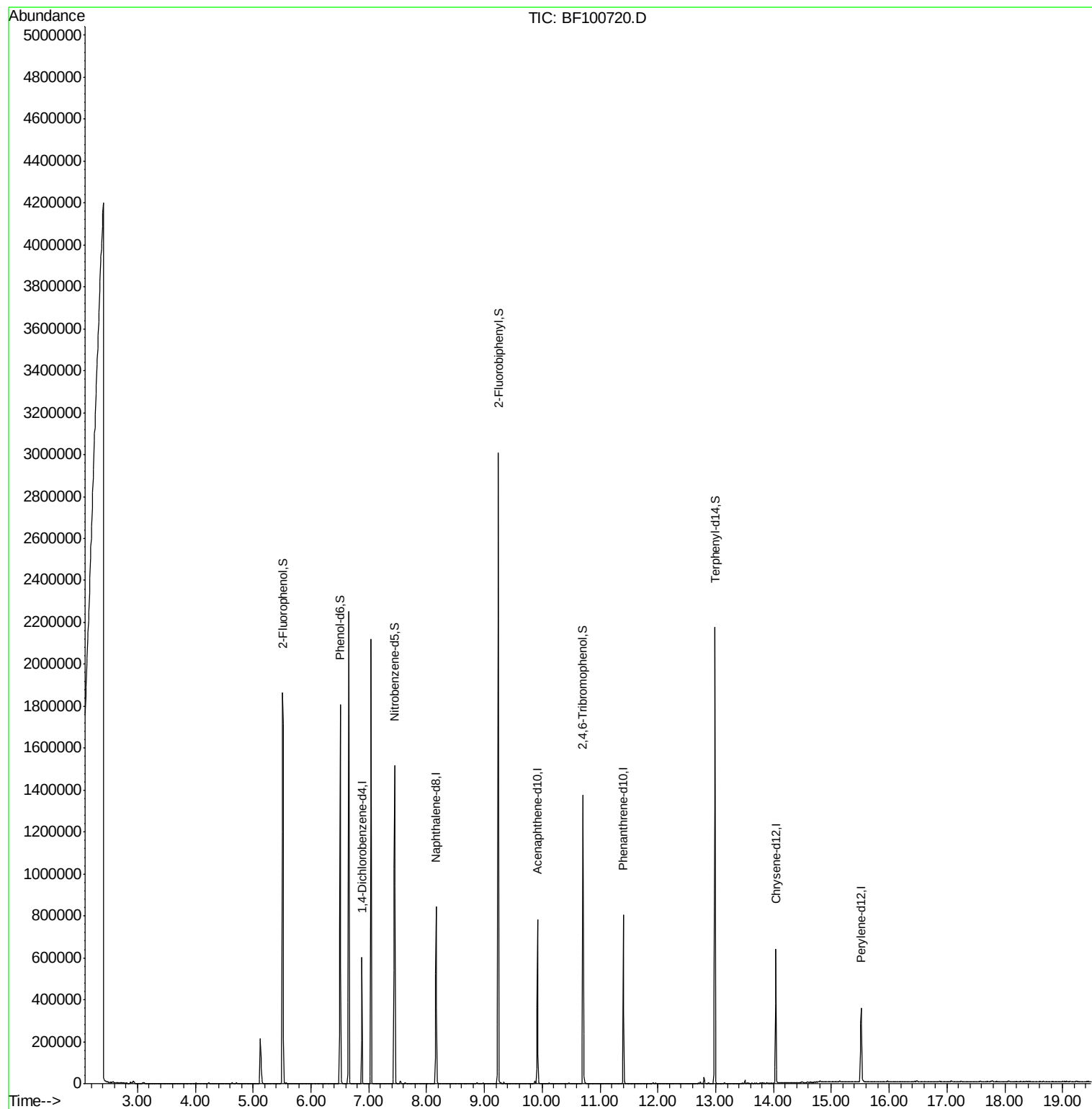
Target Compounds Qvalue

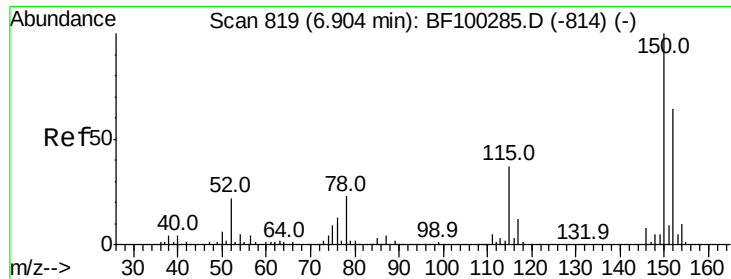
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100720.D
Acq On : 18 Nov 2017 13:57
Operator : SJ/JU
Sample : I6521-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Quant Time: Nov 20 04:19:14 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



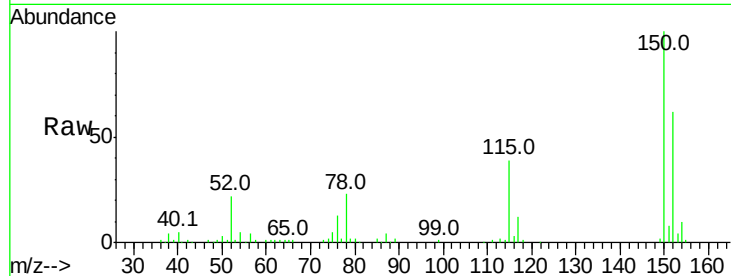


#1

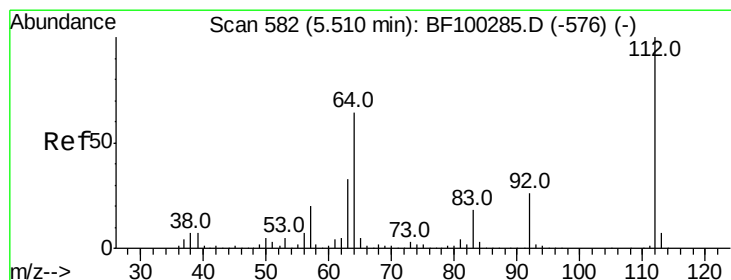
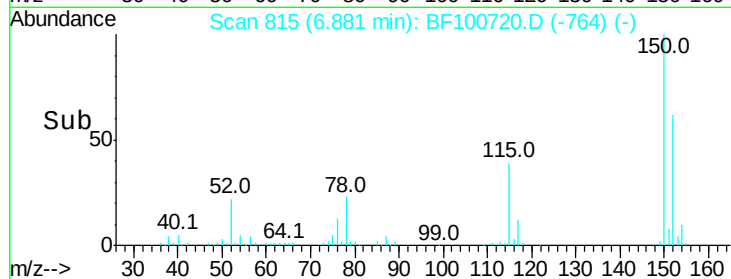
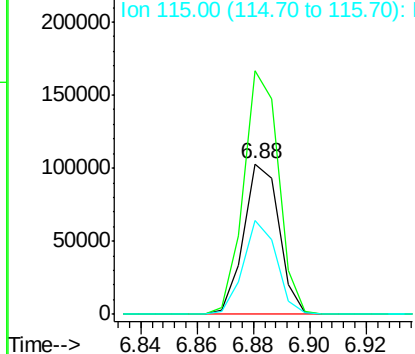
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tot Ion:152 Resp: 89578
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 62.3 50.1 75.1



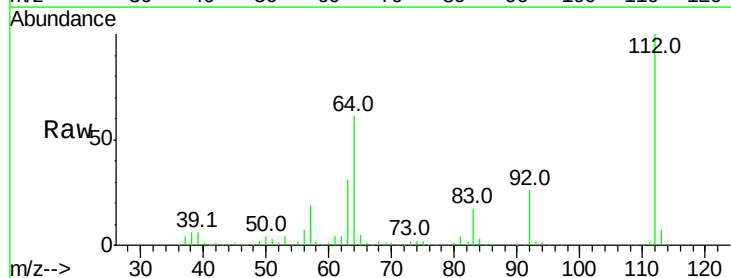
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



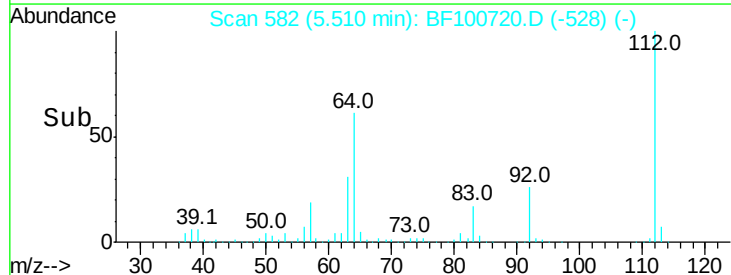
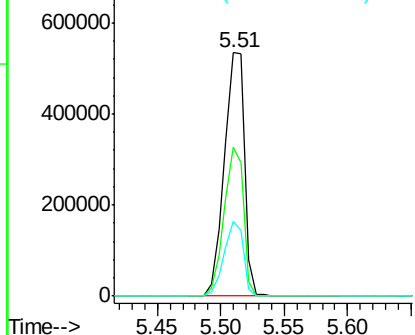
#5

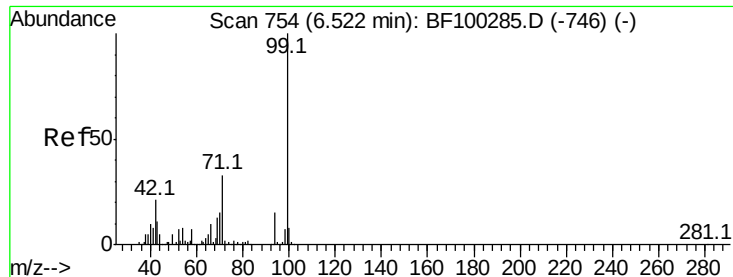
2-Fluorophenol
Concen: 105.633 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Tgt Ion:112 Resp: 590295
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 30.7 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: 88.504 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

Instrument :

BNA_F

ClientSampleId :

TP-2-(0-5)

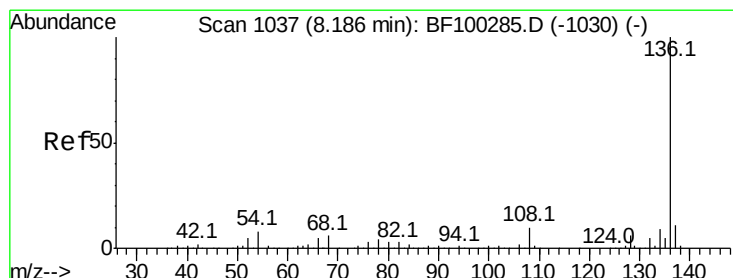
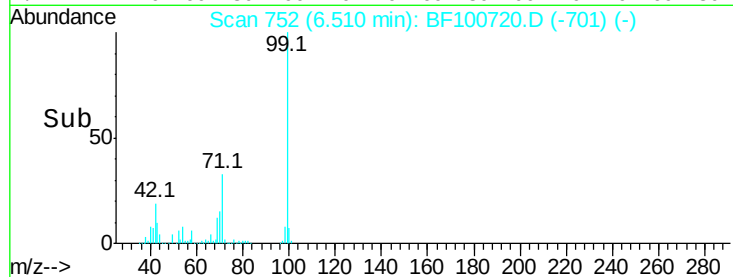
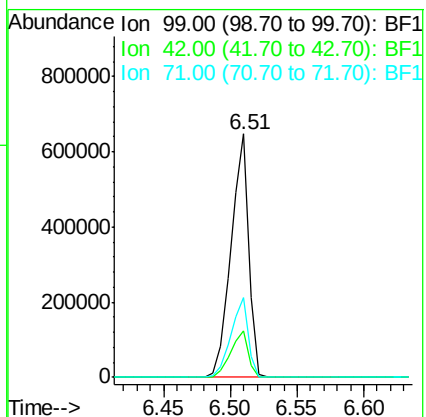
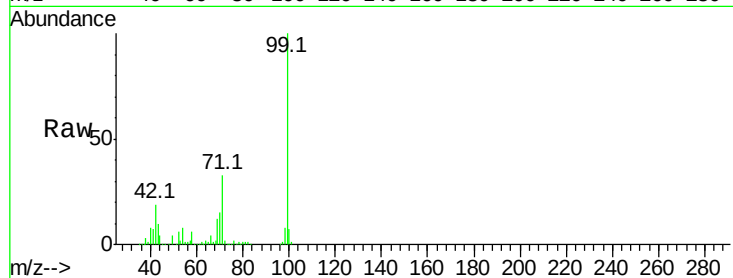
Tot Ion: 99 Resp: 609876

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

Tgt Ion: 136 Resp: 356704

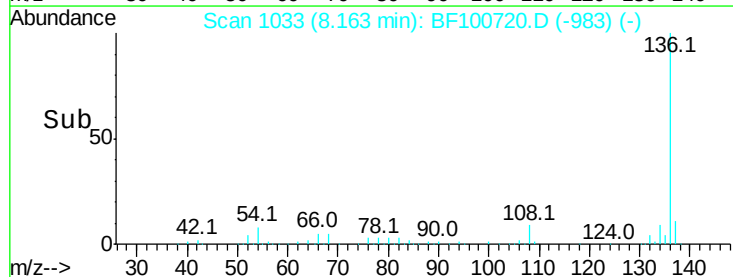
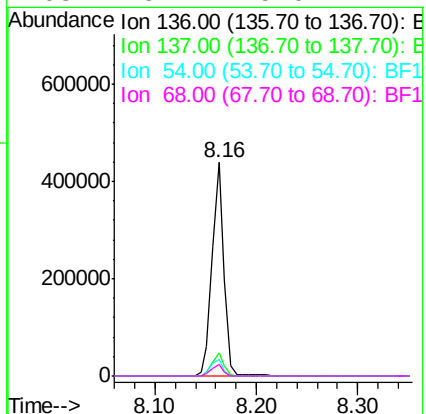
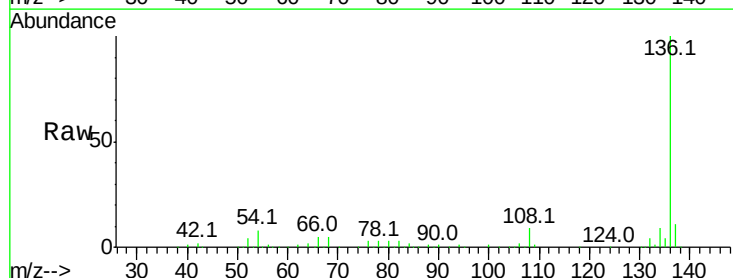
Ion Ratio Lower Upper

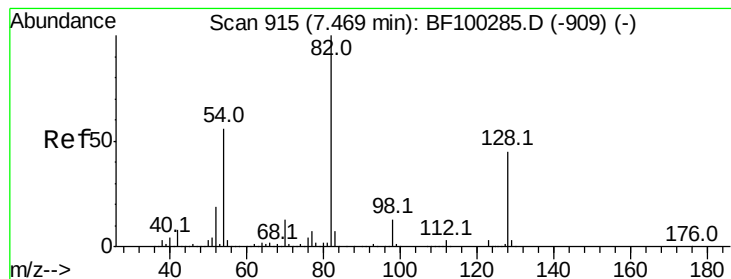
136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.066 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

Instrument :

BNA_F

ClientSampleId :

TP-2-(0-5)

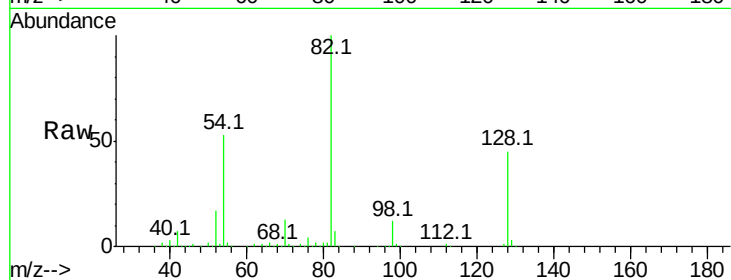
Tot Ion: 82 Resp: 518308

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

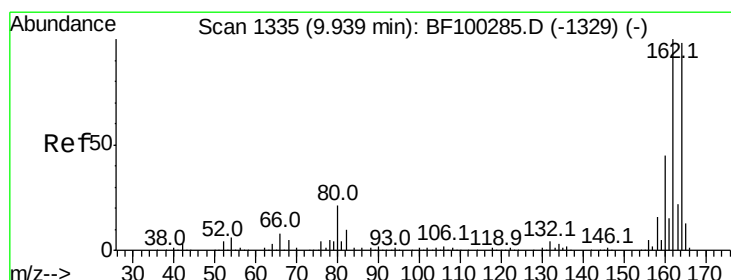
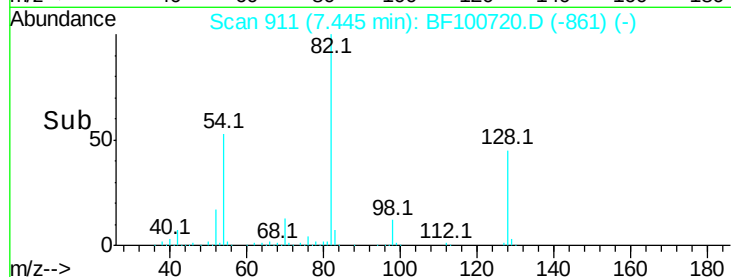
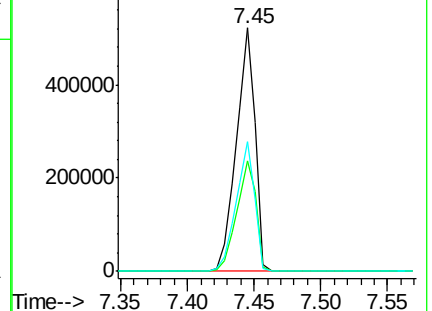
54 53.0 41.4 62.2



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

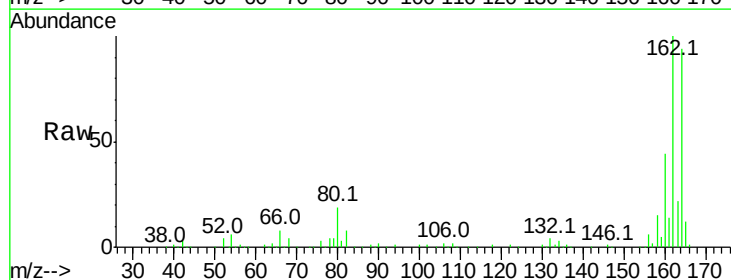
Tgt Ion: 164 Resp: 155981

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

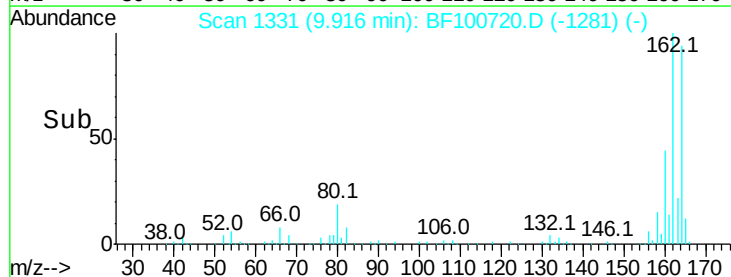
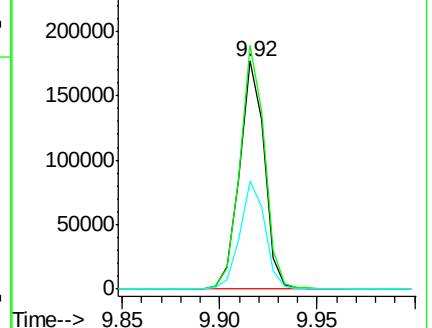
160 47.1 38.3 57.5

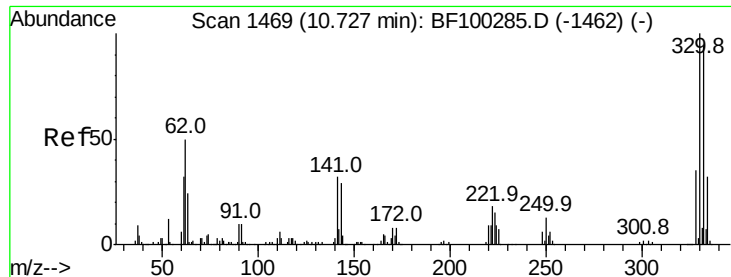


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

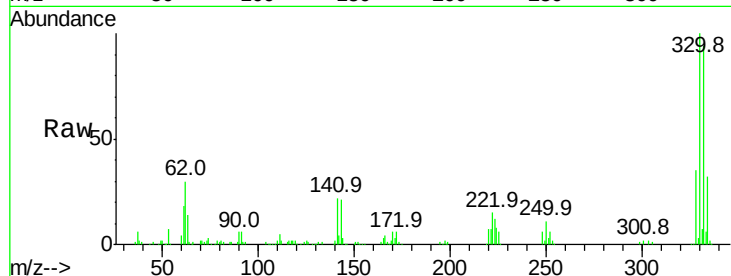




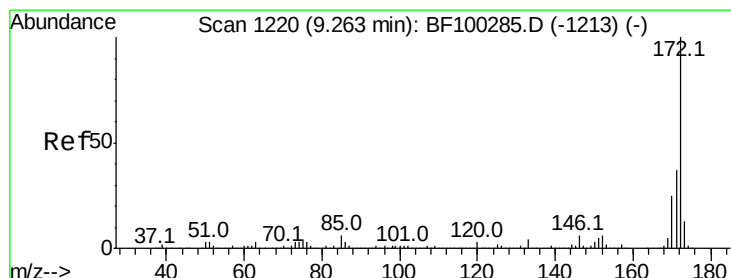
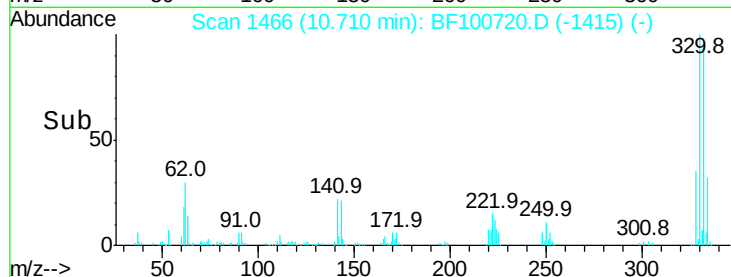
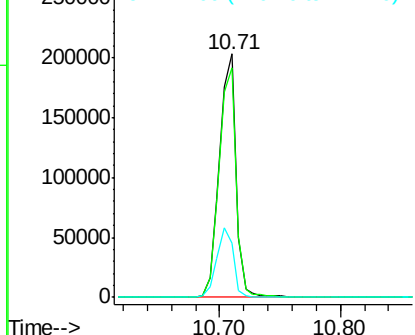
#41
 2,4,6-Tribromophenol
 Concen: 121.539 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(0-5)

Tot Ion:330 Resp: 193180
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 28.4 29.9 44.9#

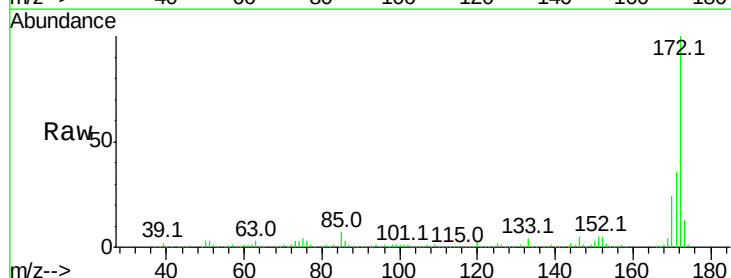


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

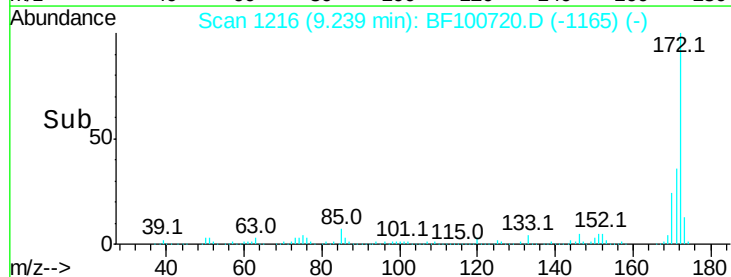
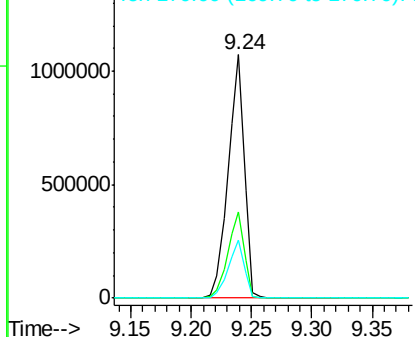


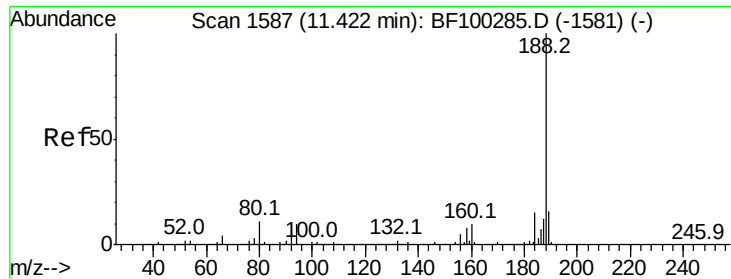
#44
 2-Fluorobiphenyl
 Concen: 97.438 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

Tgt Ion:172 Resp: 998124
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.7 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

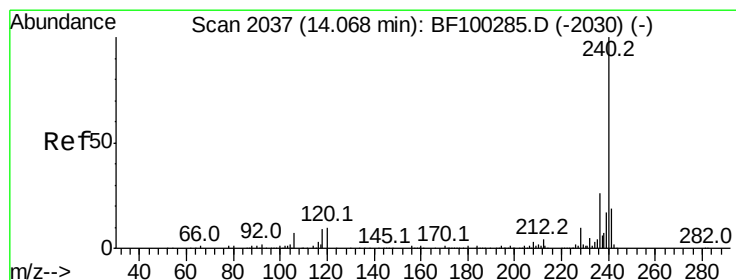
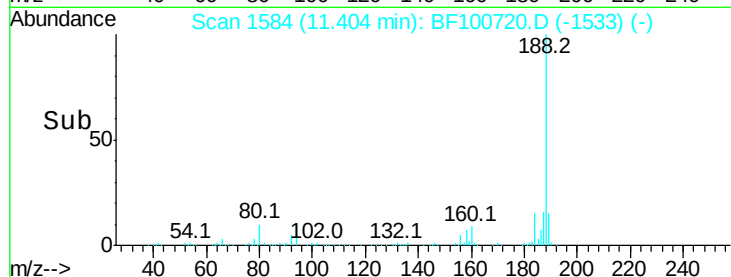
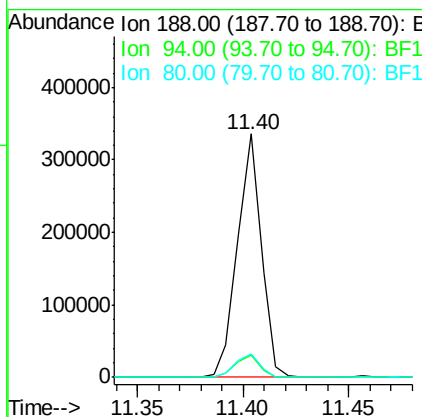
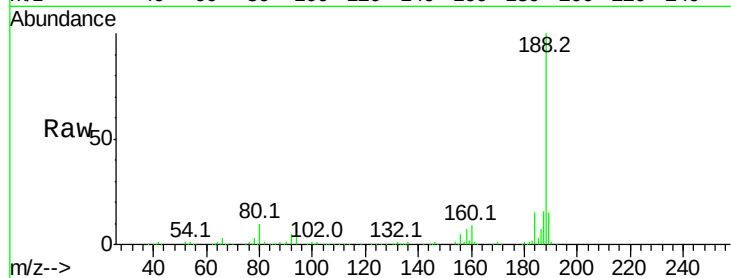




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

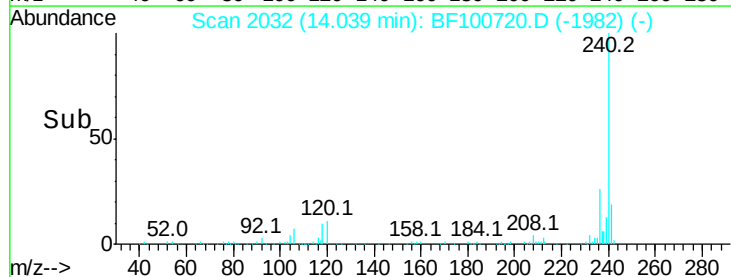
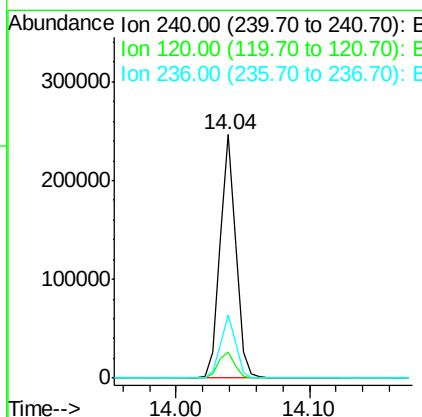
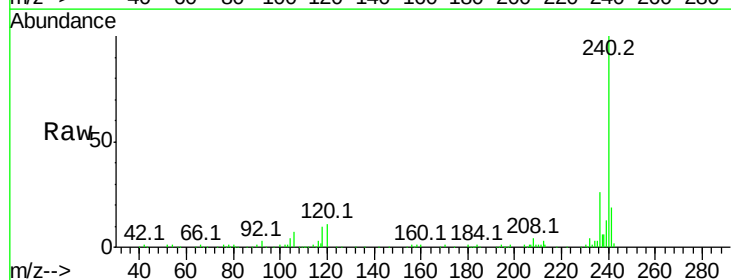
Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

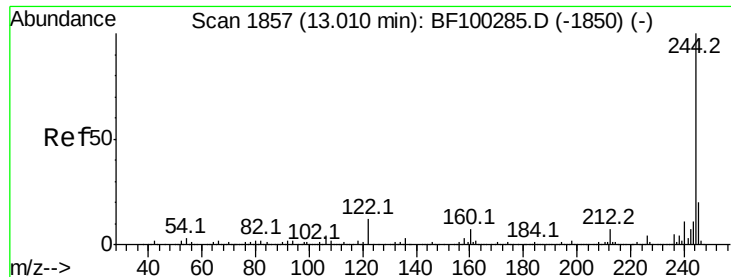
Tot Ion:188 Resp: 263048
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Tgt Ion:240 Resp: 207941
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 88.808 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

Instrument :

BNA_F

ClientSampleId :

TP-2-(0-5)

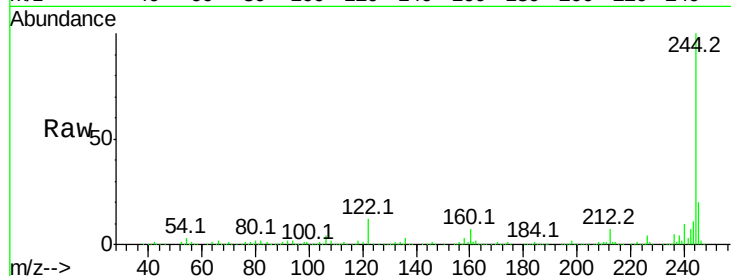
Tot Ion:244 Resp: 803703

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

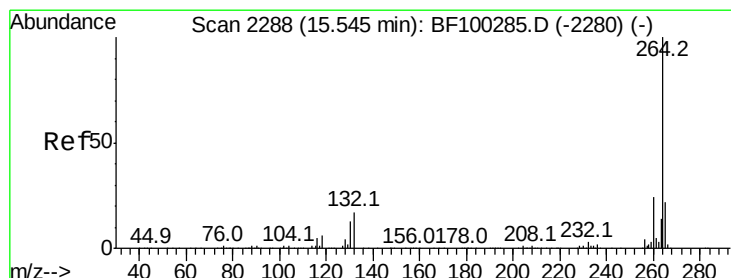
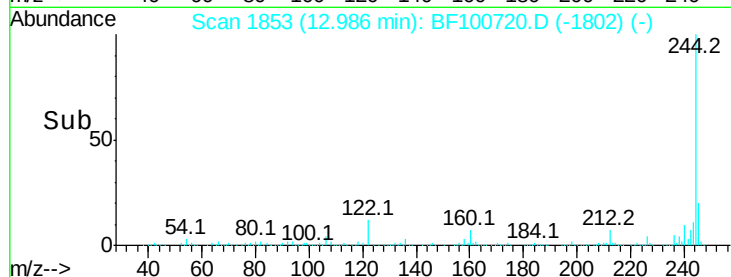
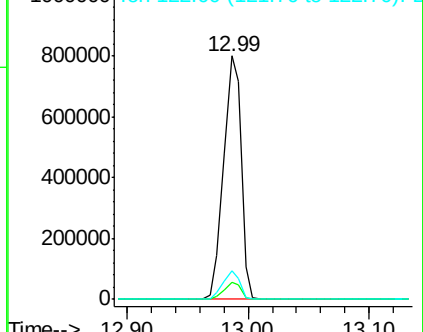
122 11.9 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

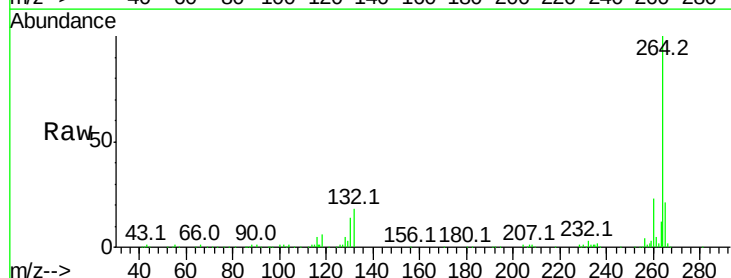
Tgt Ion:264 Resp: 178718

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 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

