

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100707.D
 Acq On : 18 Nov 2017 8:11
 Operator : SJ/JU
 Sample : PB104346TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104346TB

Quant Time: Nov 20 00:39:02 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	95245	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	376990	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	167377	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	285457	20.00	ng	0.00
75) Chrysene-d12	14.04	240	226781	20.00	ng	0.00
86) Perylene-d12	15.52	264	188771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	711670	119.78	ng	0.02
7) Phenol-d6	6.51	99	851561	116.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	539969	94.70	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	200742	117.70	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1087381	98.92	ng	0.00
78) Terphenyl-d14	12.99	244	887048	89.87	ng	0.00

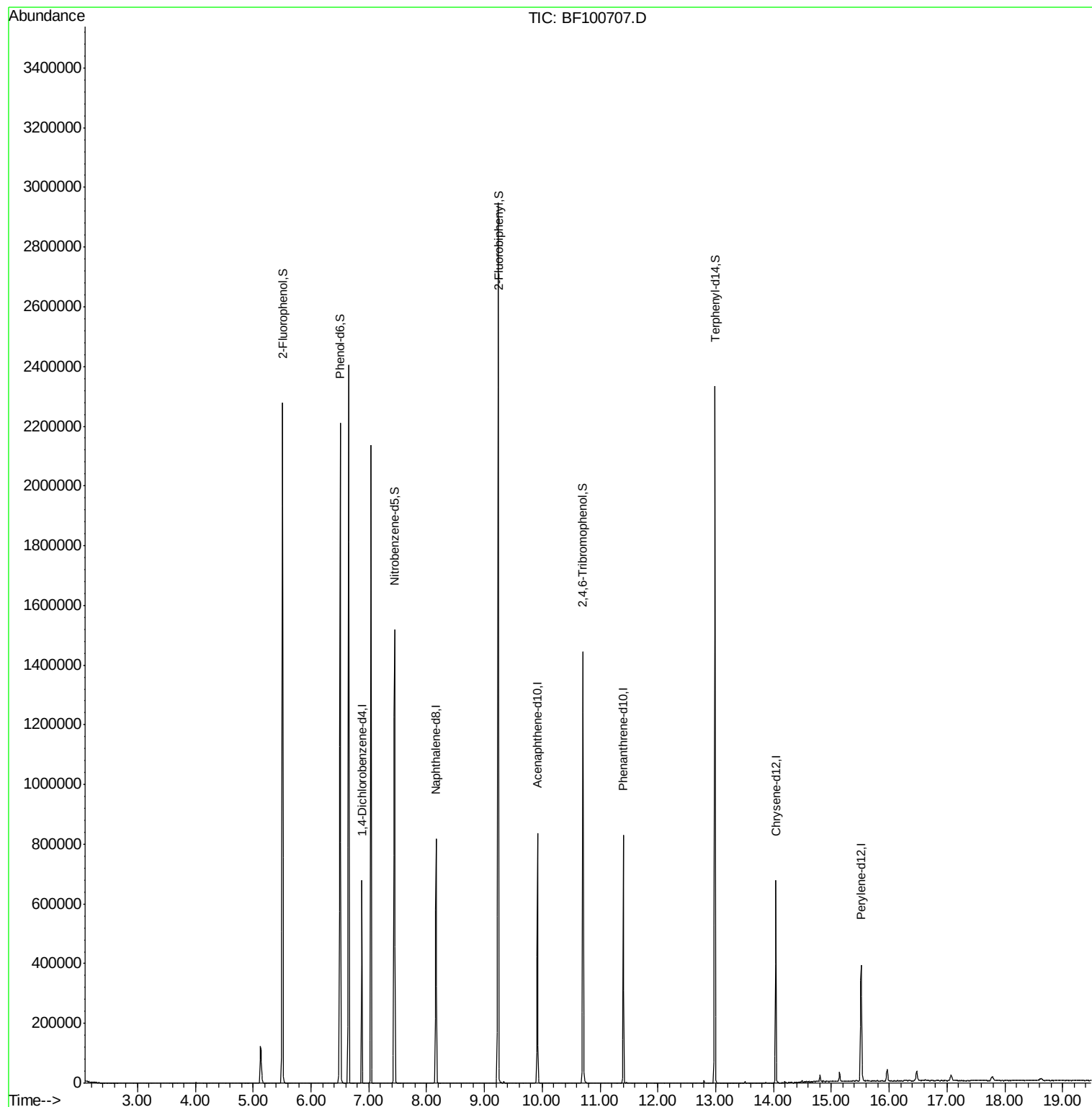
Target Compounds Qvalue

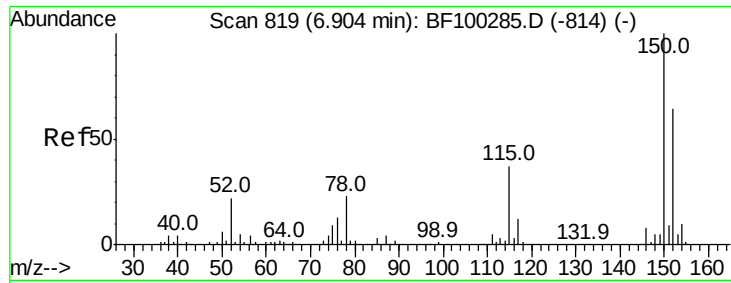
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100707.D
Acq On : 18 Nov 2017 8:11
Operator : SJ/JU
Sample : PB104346TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104346TB

Quant Time: Nov 20 00:39:02 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



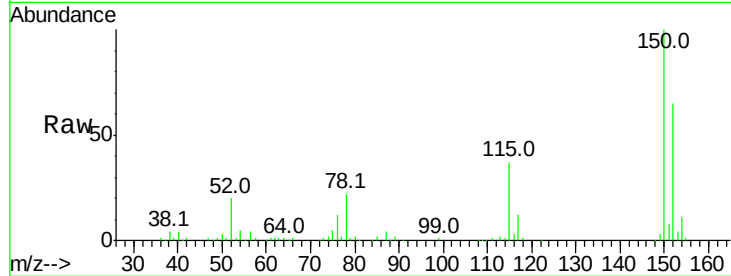


#1

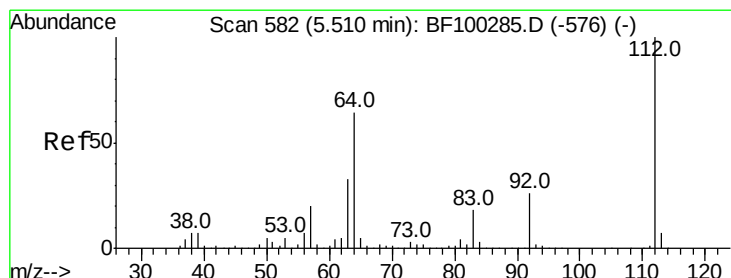
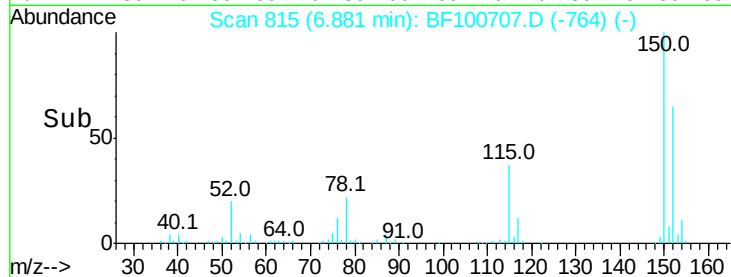
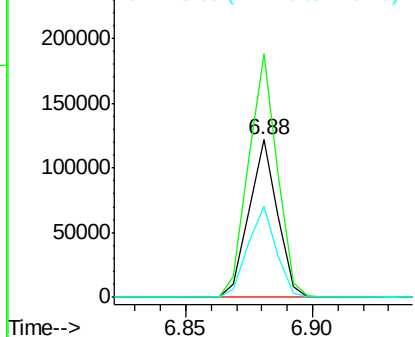
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100707.D
Acq: 18 Nov 2017 8:11

Instrument :
BNA_F
ClientSampleId :
PB104346TB

Tot Ion:152 Resp: 95245
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 57.8 50.1 75.1



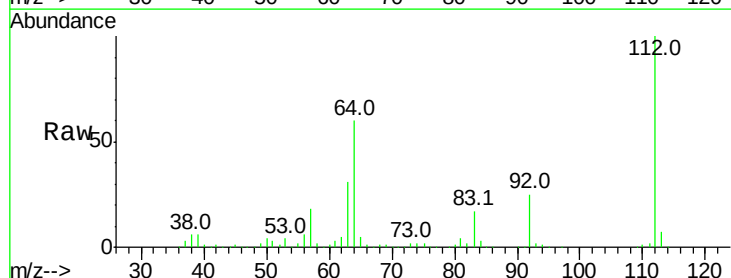
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



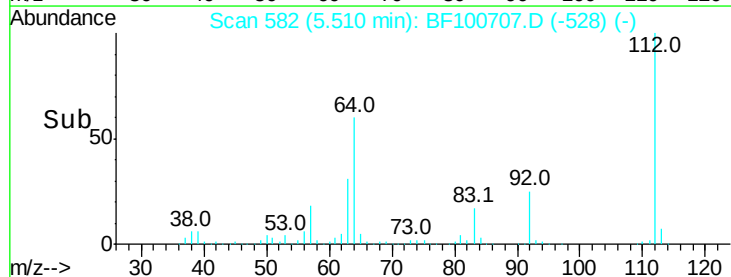
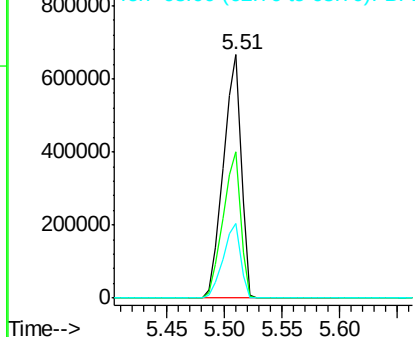
#5

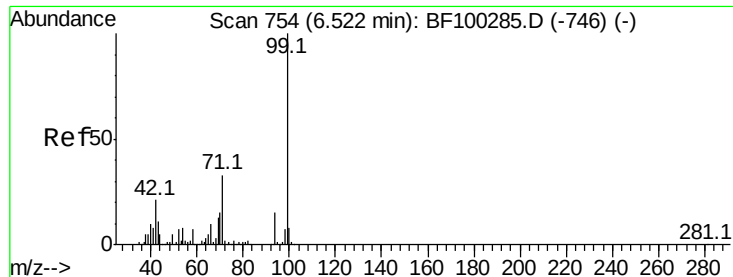
2-Fluorophenol
Concen: 119.775 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100707.D
Acq: 18 Nov 2017 8:11

Tgt Ion:112 Resp: 711670
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.5 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: 116.224 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100707.D

Acq: 18 Nov 2017 8:11

Instrument :

BNA_F

ClientSampleId :

PB104346TB

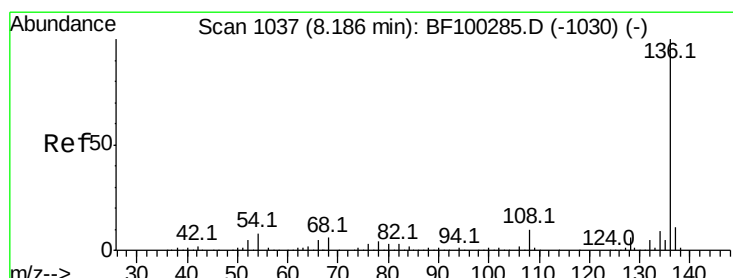
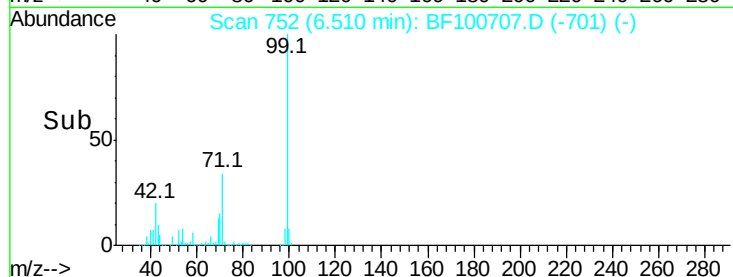
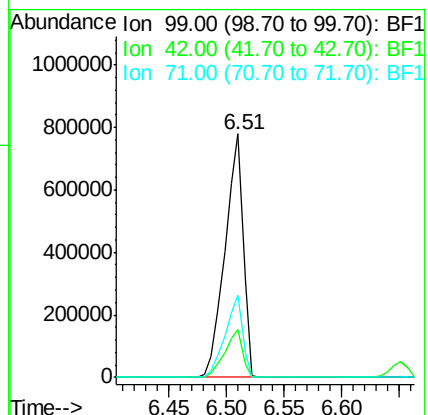
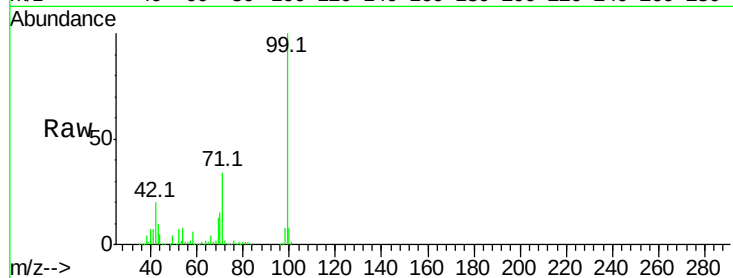
Tot Ion: 99 Resp: 851561

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 33.7 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: BF100707.D

Acq: 18 Nov 2017 8:11

Tgt Ion: 136 Resp: 376990

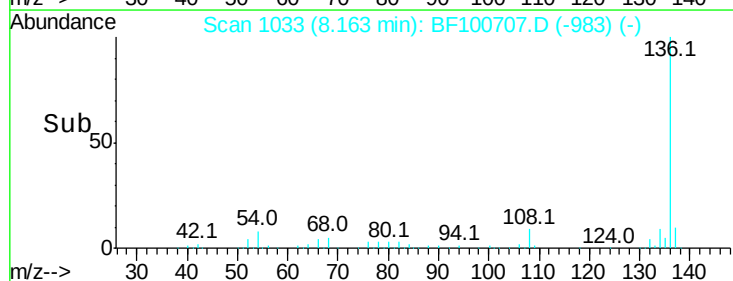
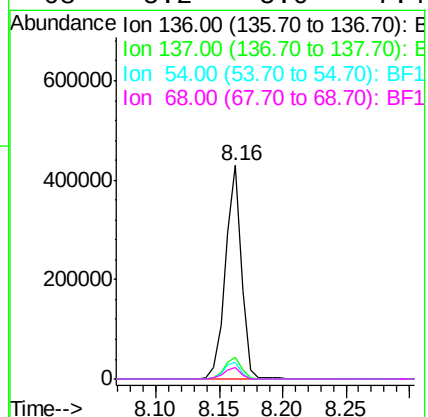
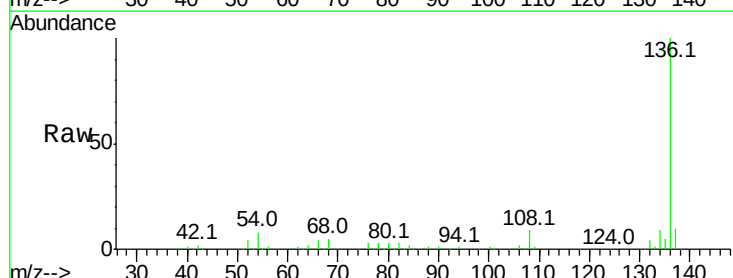
Ion Ratio Lower Upper

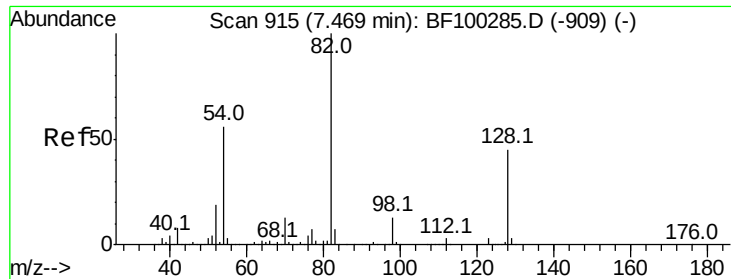
136 100

137 10.4 8.9 13.3

54 7.8 6.6 9.8

68 5.2 5.0 7.4

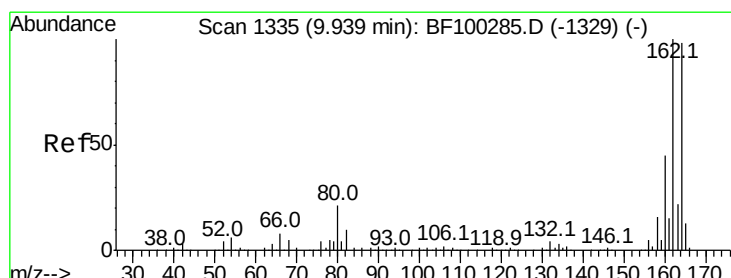
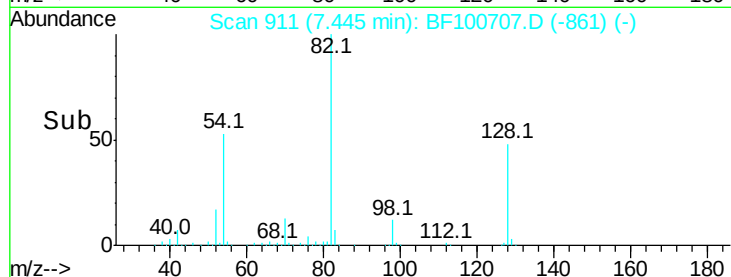
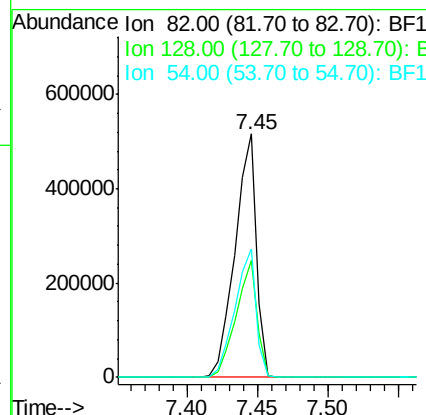
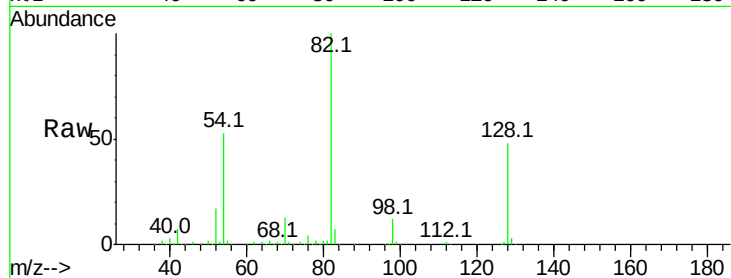




#23
Nitrobenzene-d5
Concen: 94.695 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100707.D
Acq: 18 Nov 2017 8:11

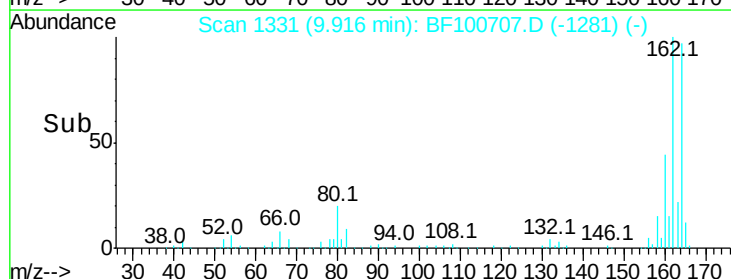
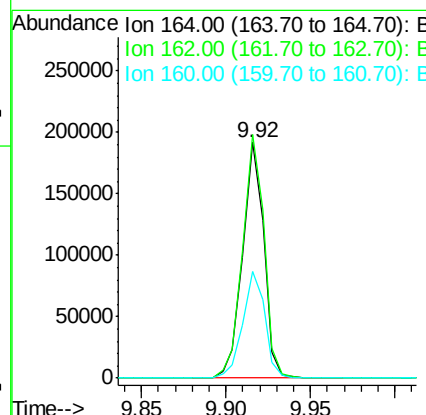
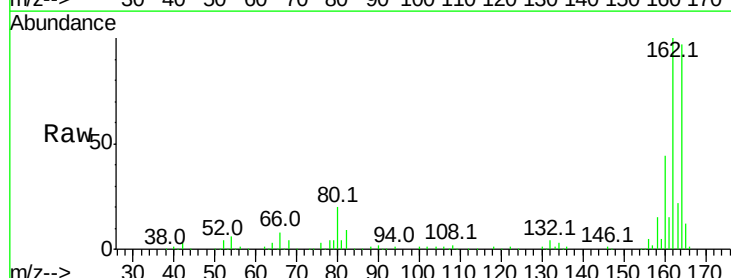
Instrument :
BNA_F
ClientSampleId :
PB104346TB

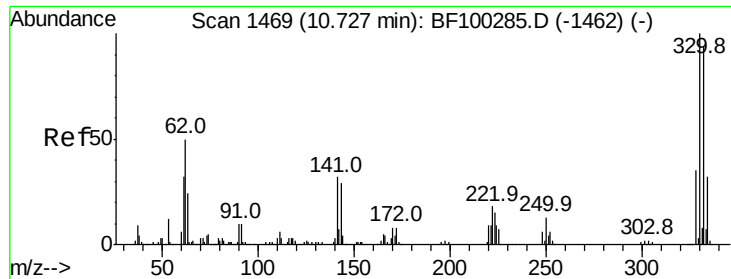
Tot Ion: 82 Resp: 539969
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 52.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100707.D
Acq: 18 Nov 2017 8:11

Tgt Ion: 164 Resp: 167377
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.3 38.3 57.5

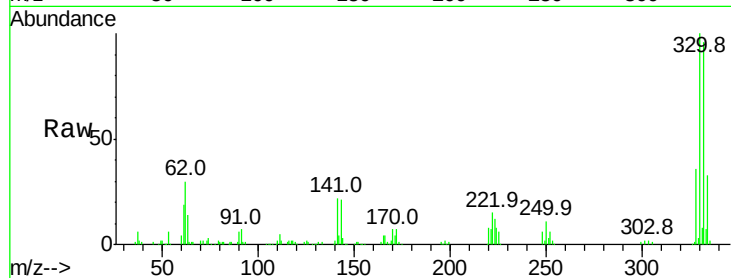




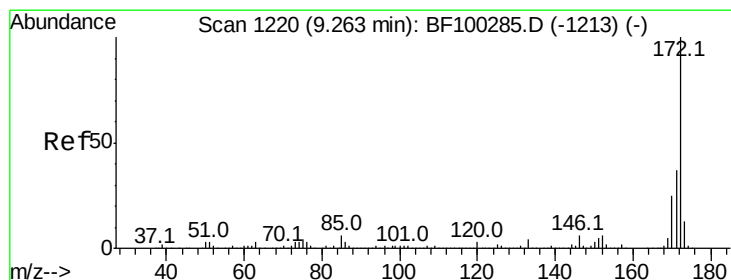
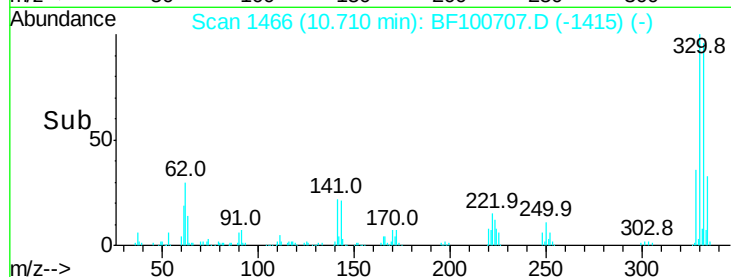
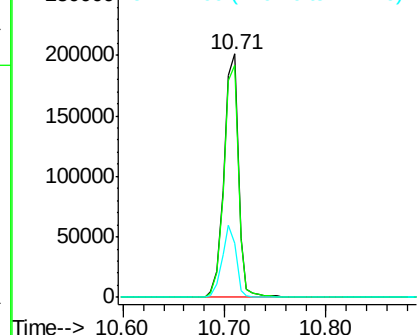
#41
 2,4,6-Tribromophenol
 Concen: 117.698 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100707.D
 Acq: 18 Nov 2017 8:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104346TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.5	29.9	44.9#

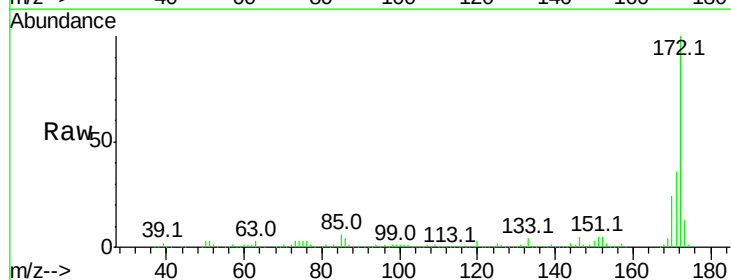


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

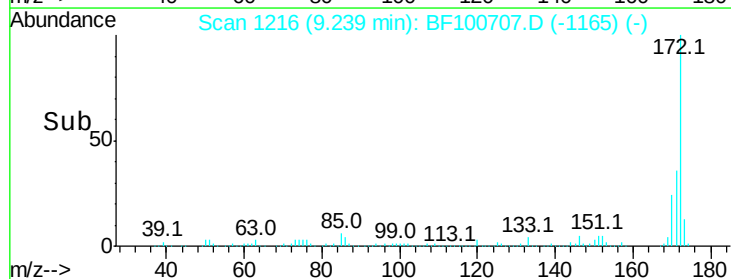
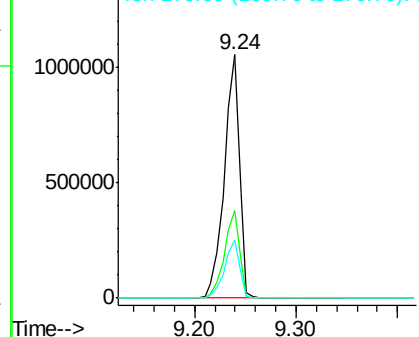


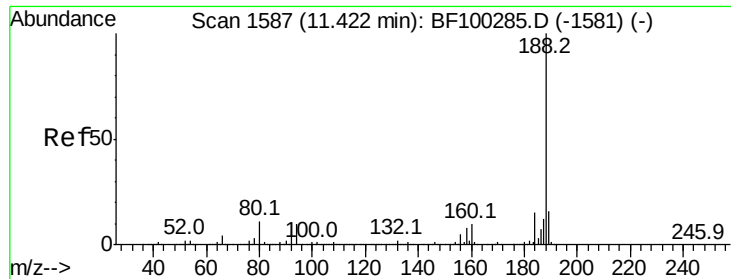
#44
 2-Fluorobiphenyl
 Concen: 98.924 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100707.D
 Acq: 18 Nov 2017 8:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	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: BF100707.D

Acq: 18 Nov 2017 8:11

Instrument :

BNA_F

ClientSampleId :

PB104346TB

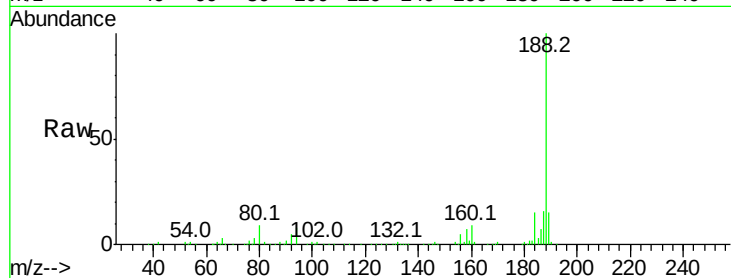
Tot Ion:188 Resp: 285457

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

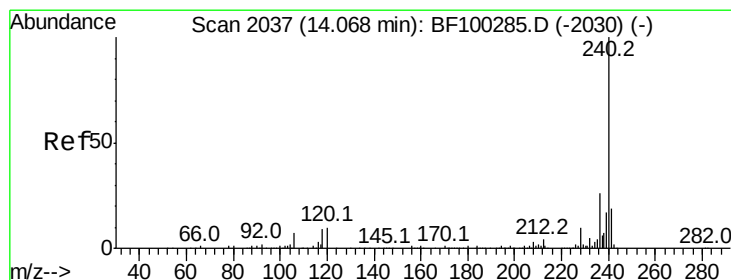
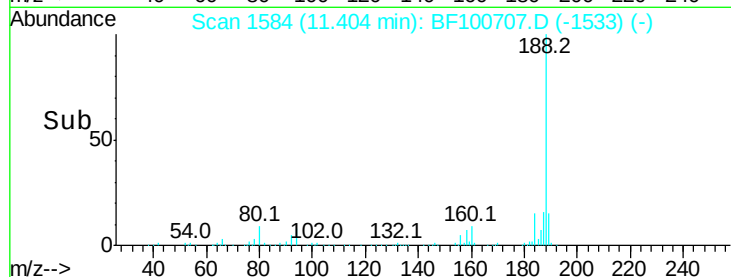
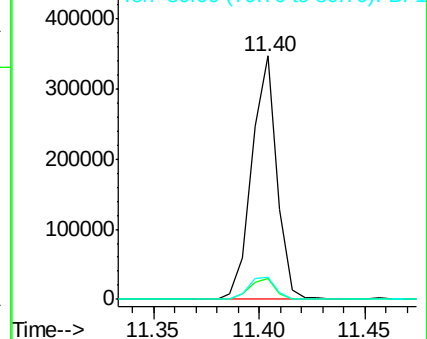
80 9.0 9.2 13.8#



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100707.D

Acq: 18 Nov 2017 8:11

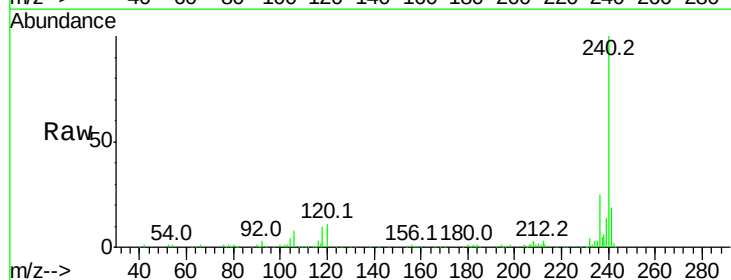
Tgt Ion:240 Resp: 226781

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

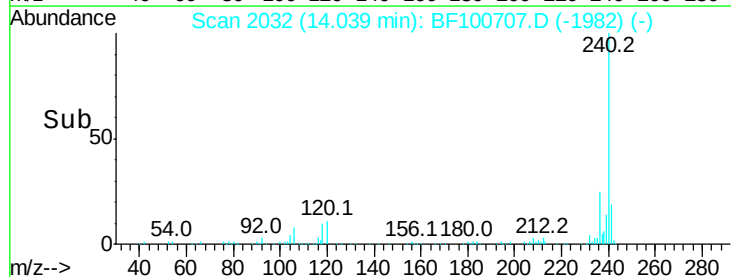
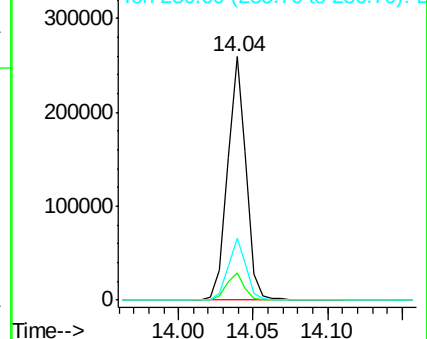
236 25.4 20.7 31.1

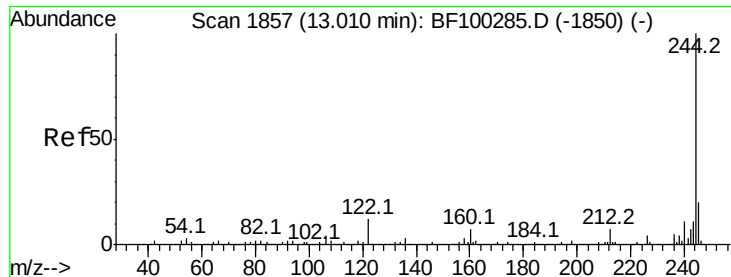


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.874 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100707.D

Acq: 18 Nov 2017 8:11

Instrument :

BNA_F

ClientSampleId :

PB104346TB

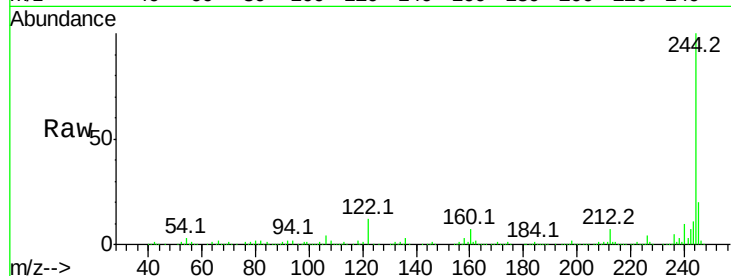
Tot Ion:244 Resp: 887048

Ion Ratio Lower Upper

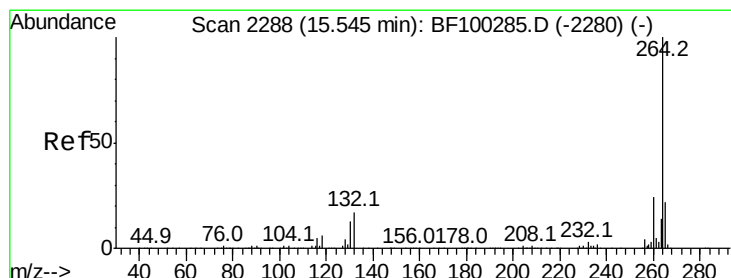
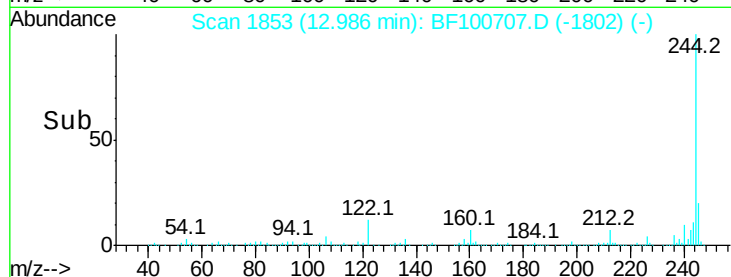
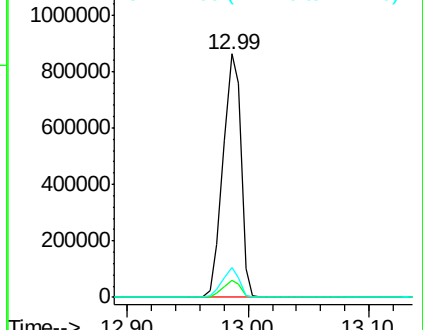
244 100

212 6.9 5.4 8.0

122 12.1 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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100707.D

Acq: 18 Nov 2017 8:11

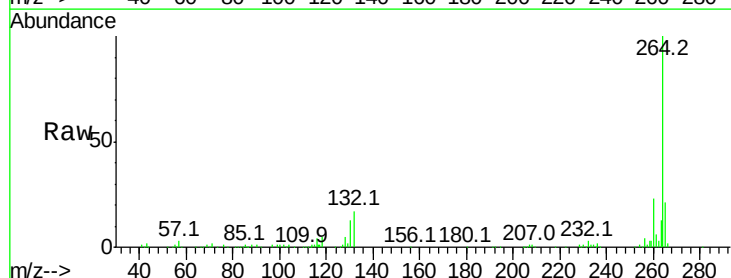
Tgt Ion:264 Resp: 188771

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.8 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

