

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100737.D
 Acq On : 20 Nov 2017 18:32
 Operator : SJ/JU
 Sample : PB104343BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104343BL

Quant Time: Nov 21 04:32:11 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	83389	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	327836	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	155752	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	314822	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	243913	20.00	ng	-0.02
86) Perylene-d12	15.50	264	172034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	635272	122.12	ng	0.00
7) Phenol-d6	6.50	99	748403	116.67	ng	-0.01
23) Nitrobenzene-d5	7.43	82	477352	96.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	220184	138.73	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	973832	95.21	ng	-0.01
78) Terphenyl-d14	12.98	244	996559	93.88	ng	0.00

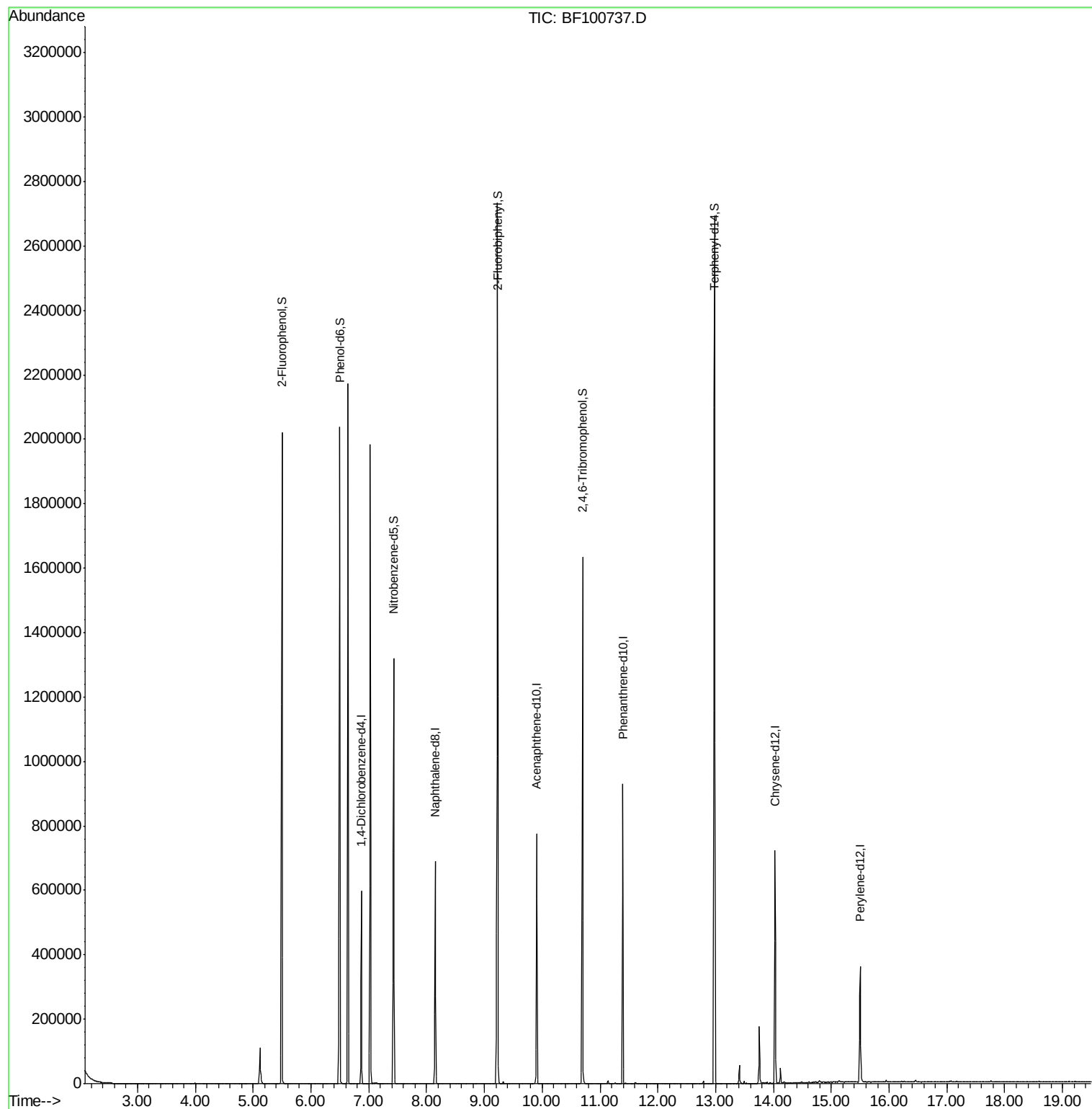
Target Compounds Qvalue

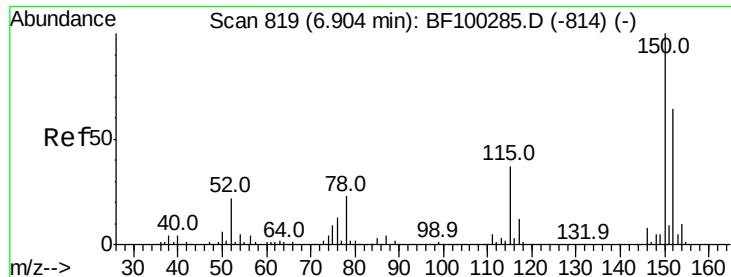
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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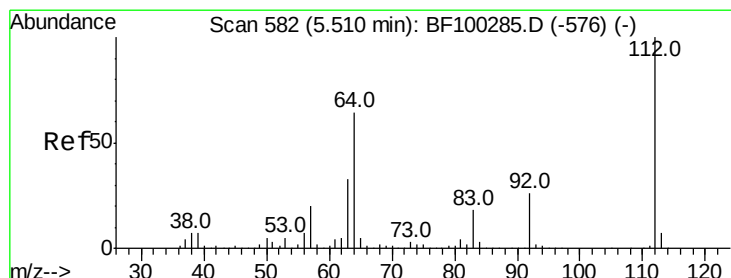
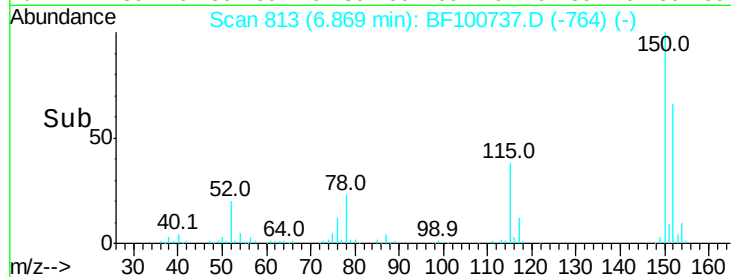
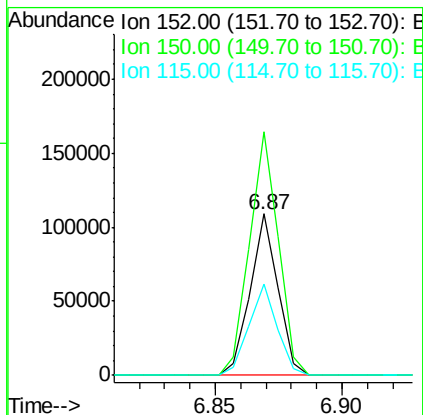
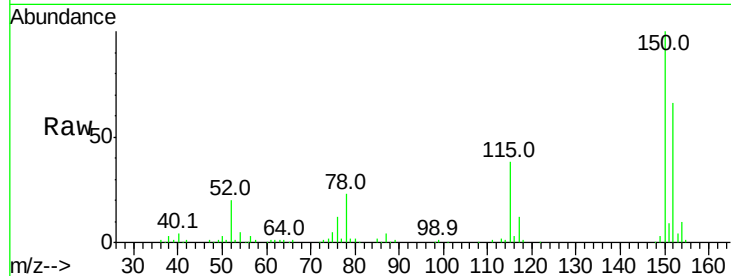


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100737.D
Acq: 20 Nov 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PB104343BL

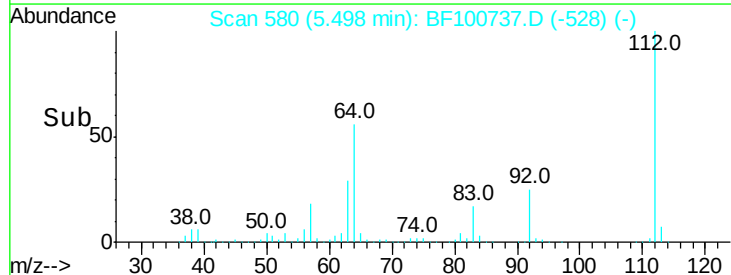
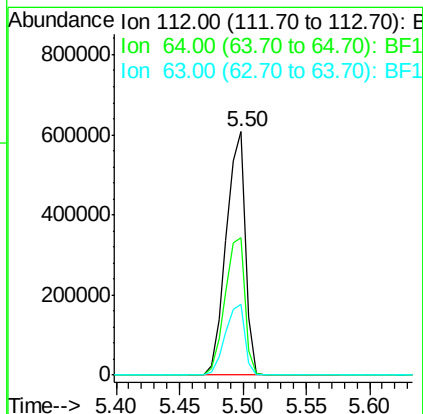
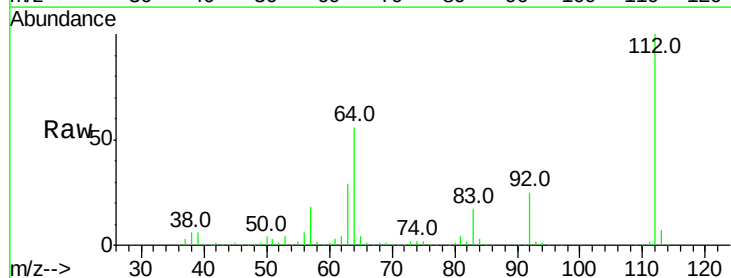
Tot Ion:152 Resp: 83389
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 56.9 50.1 75.1

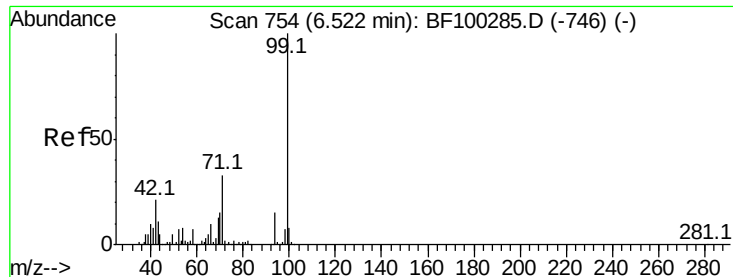


#5

2-Fluorophenol
Concen: 122.118 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100737.D
Acq: 20 Nov 2017 18:32

Tgt Ion:112 Resp: 635272
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 116.667 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

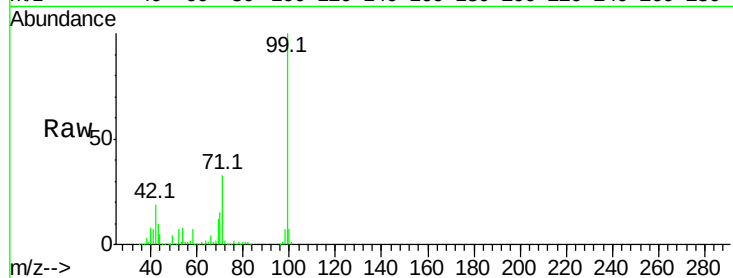
Tot Ion: 99 Resp: 748403

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

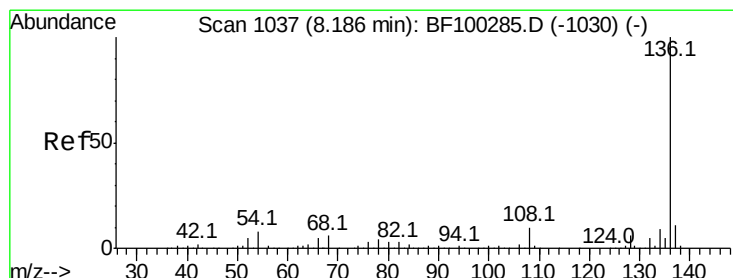
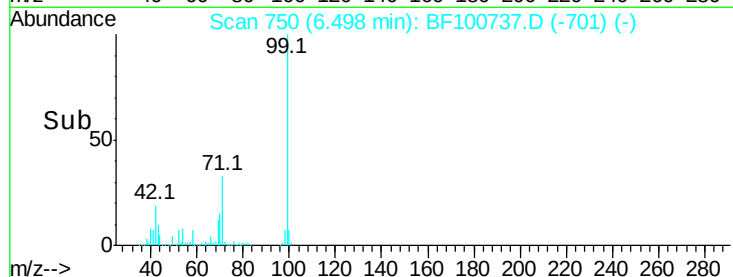
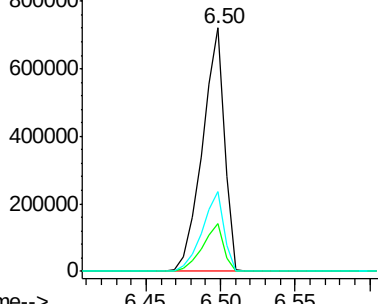
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Tgt Ion: 136 Resp: 327836

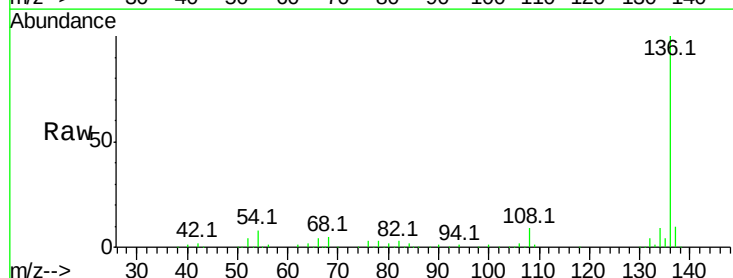
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 7.7 6.6 9.8

68 5.1 5.0 7.4

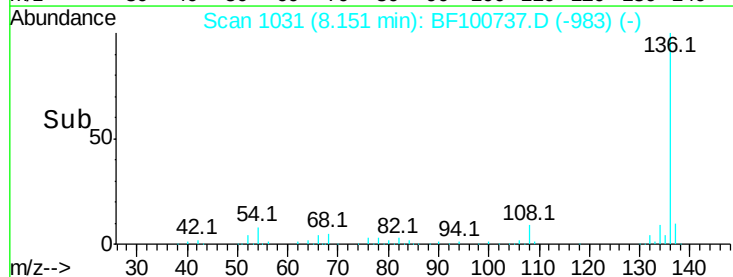
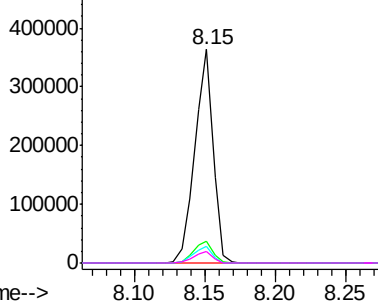


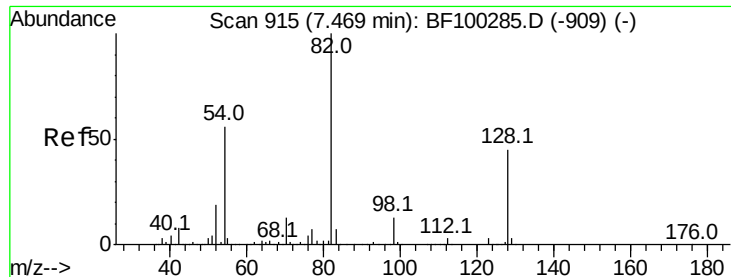
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 96.266 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

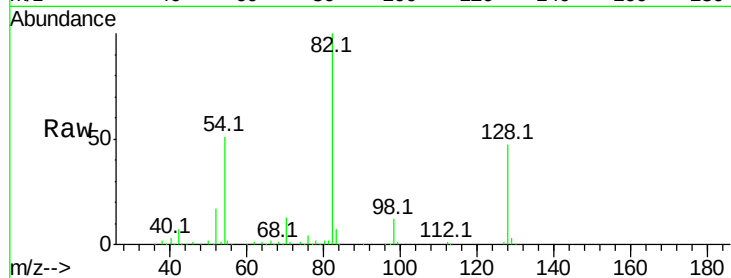
Tot Ion: 82 Resp: 477352

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

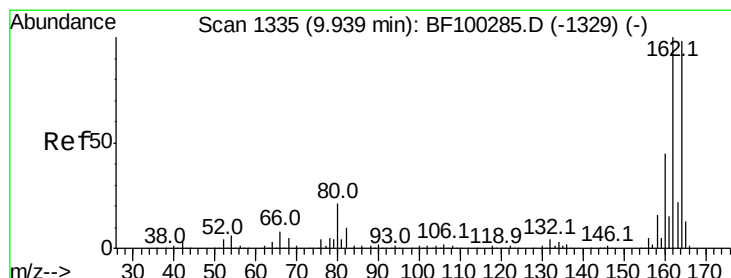
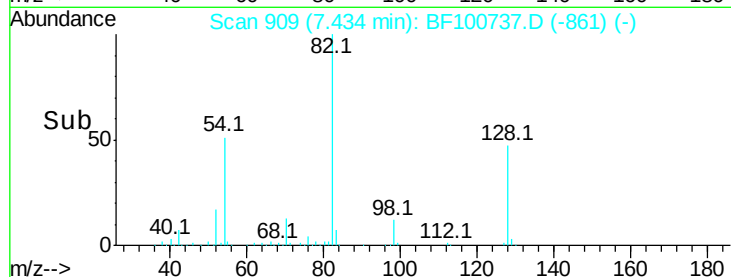
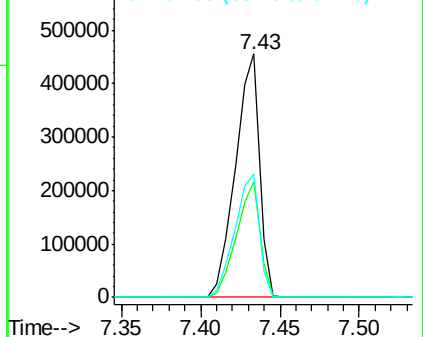
54 50.6 41.4 62.2



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: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

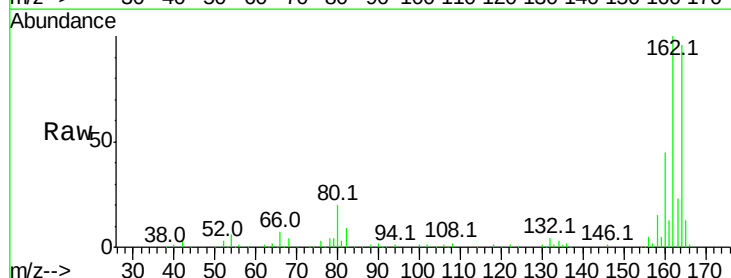
Tgt Ion: 164 Resp: 155752

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

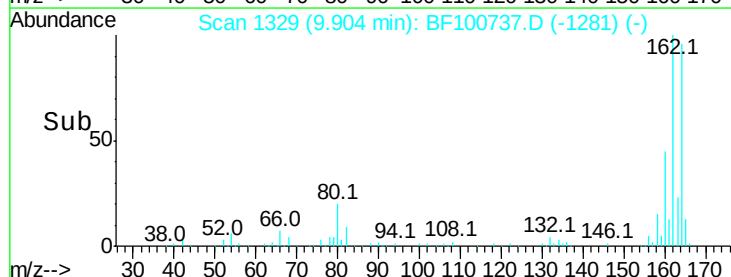
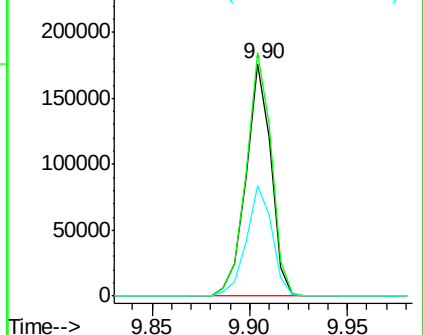
160 47.5 38.3 57.5

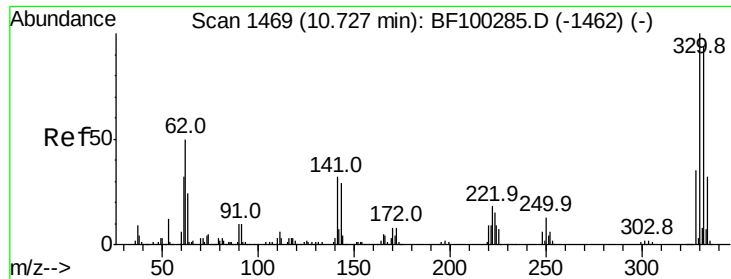


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

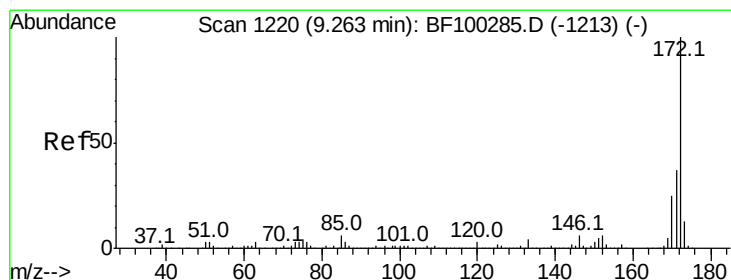
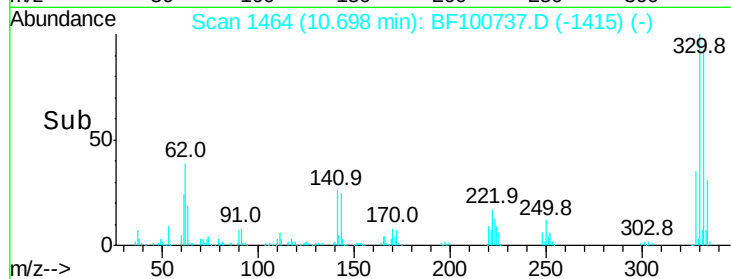
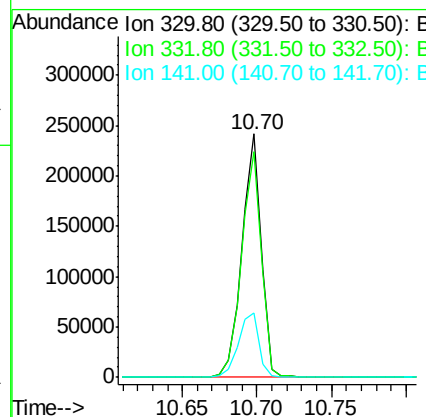
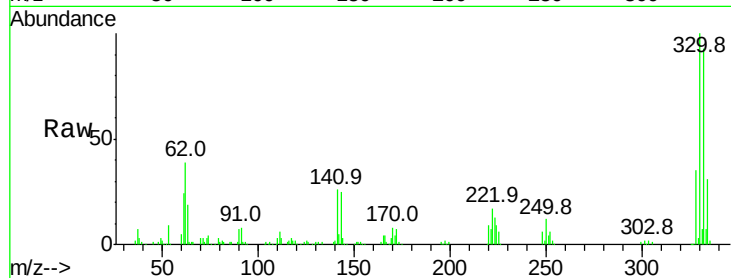




#41
 2,4,6-Tribromophenol
 Concen: 138.732 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

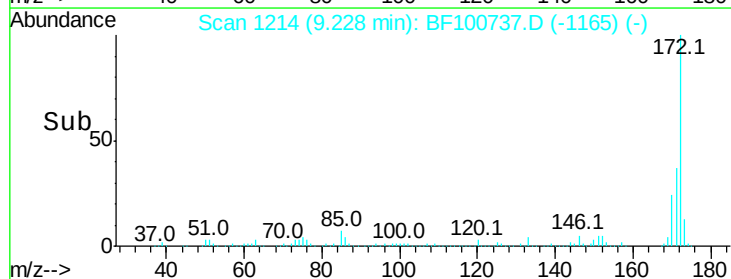
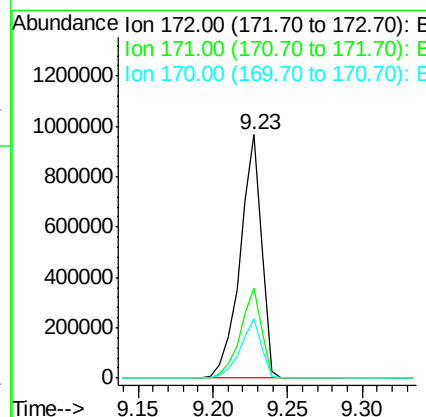
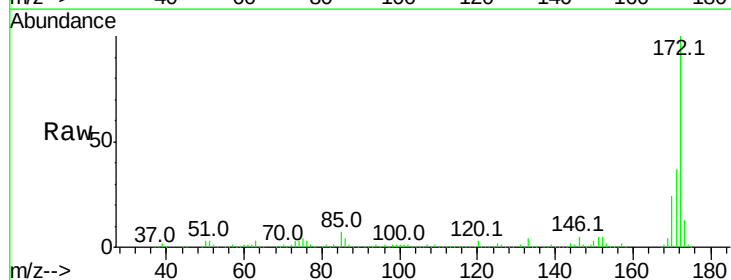
Instrument :
 BNA_F
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 PB104343BL

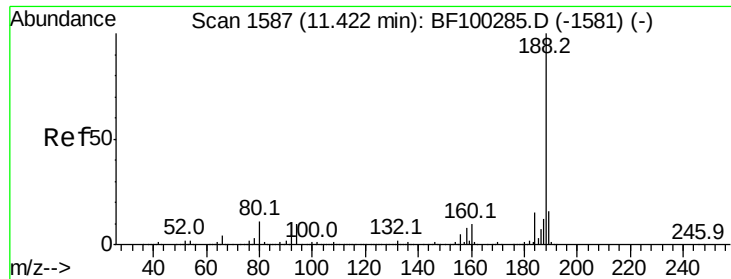
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	28.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 95.207 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.1	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

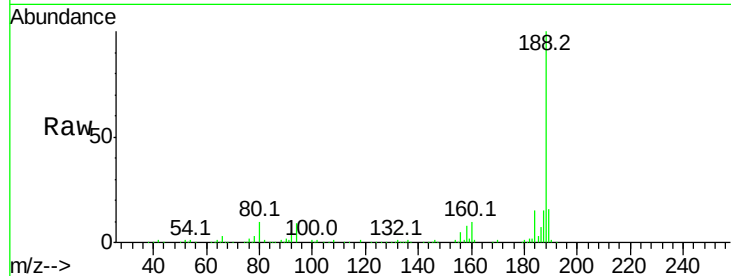
Tot Ion:188 Resp: 314822

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

80 9.8 9.2 13.8

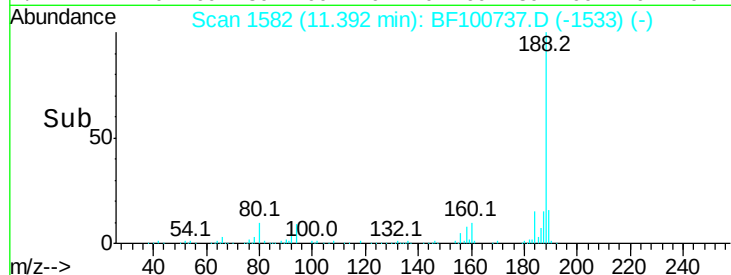


Abundance Ion 188.00 (187.70 to 188.70): E

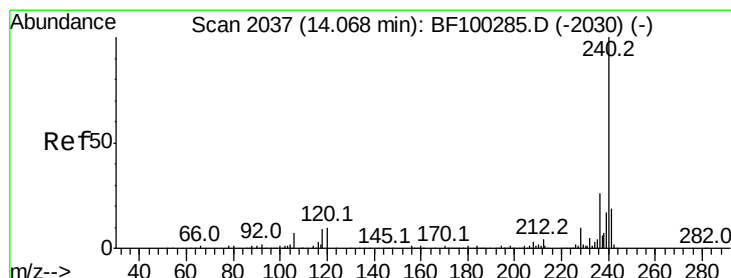
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

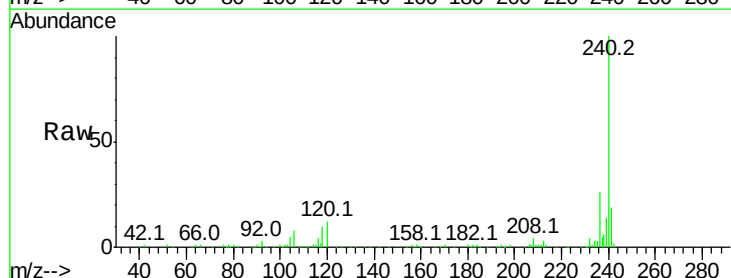
Tgt Ion:240 Resp: 243913

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

236 26.1 20.7 31.1

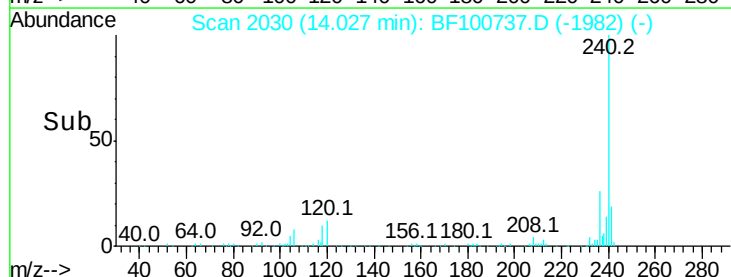


Abundance Ion 240.00 (239.70 to 240.70): E

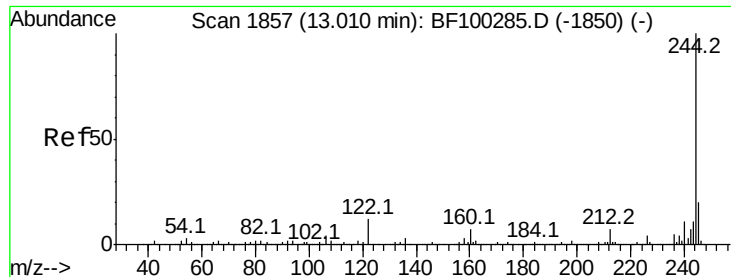
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 93.878 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

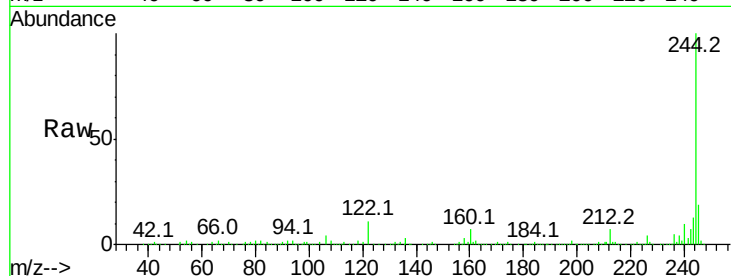
Tot Ion:244 Resp: 996559

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

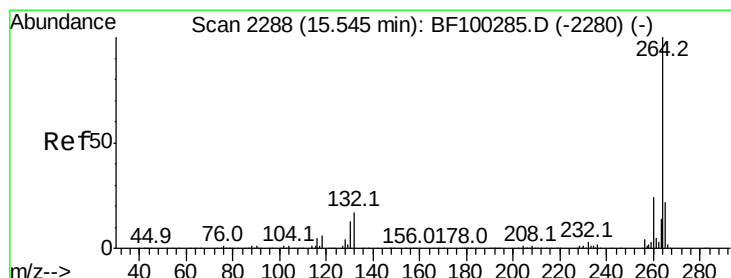
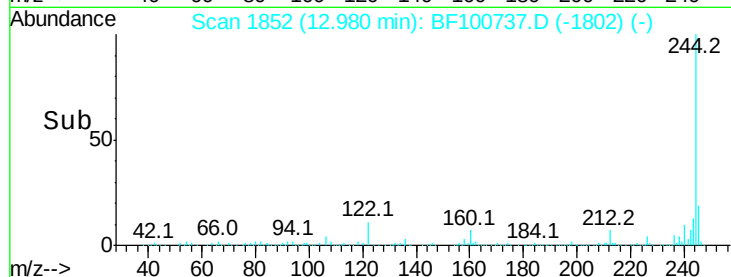
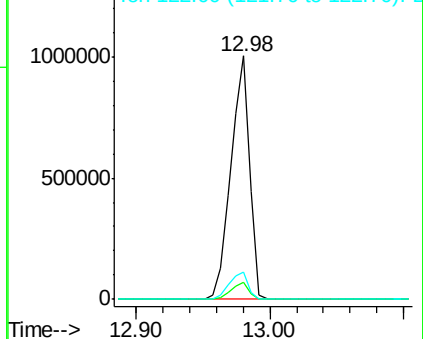
122 11.2 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

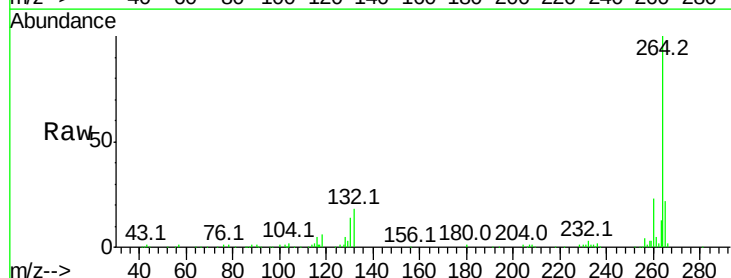
Tgt Ion:264 Resp: 172034

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.4 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

