

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100764.D
 Acq On : 21 Nov 2017 7:28
 Operator : SJ/JU
 Sample : I6535-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

Quant Time: Nov 21 11:57:53 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	82835	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	324424	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	140412	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	228877	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	187120	20.00	ng	-0.01
86) Perylene-d12	15.50	264	150993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	609161	117.88	ng	0.02
7) Phenol-d6	6.50	99	647327	101.59	ng	0.00
23) Nitrobenzene-d5	7.44	82	512797	104.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	187165	130.81	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1005486	109.04	ng	-0.01
78) Terphenyl-d14	12.98	244	760637	93.40	ng	0.00

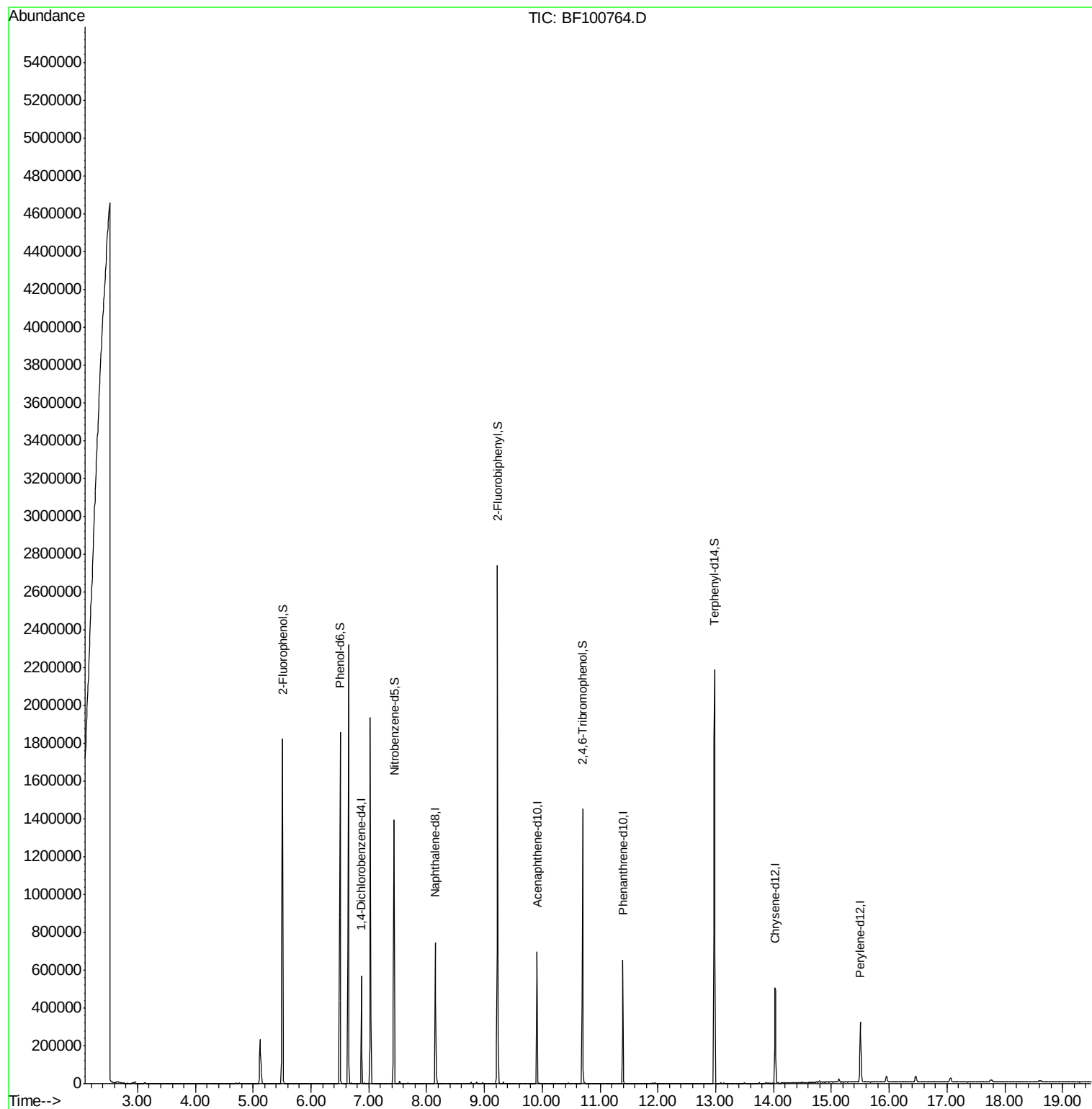
Target Compounds	Qvalue
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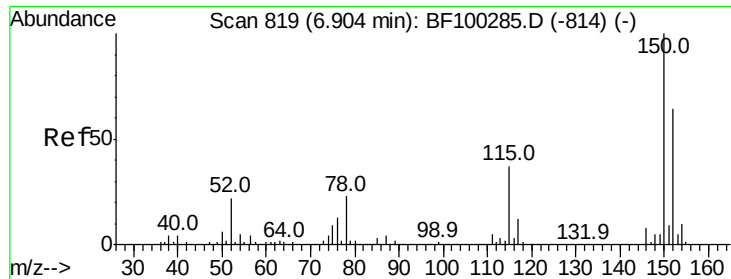
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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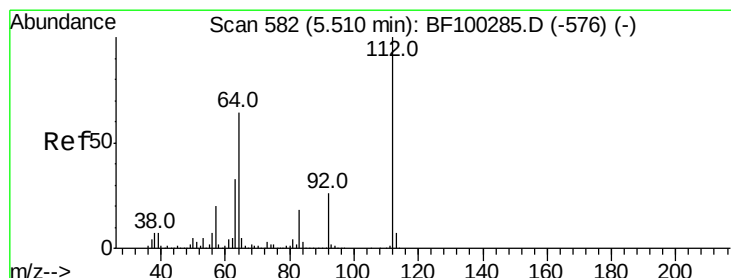
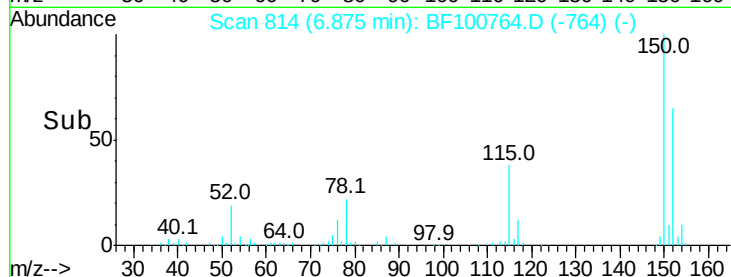
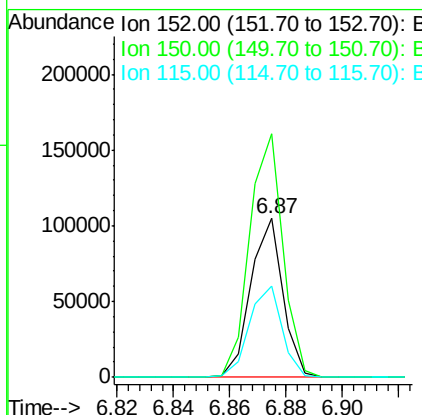
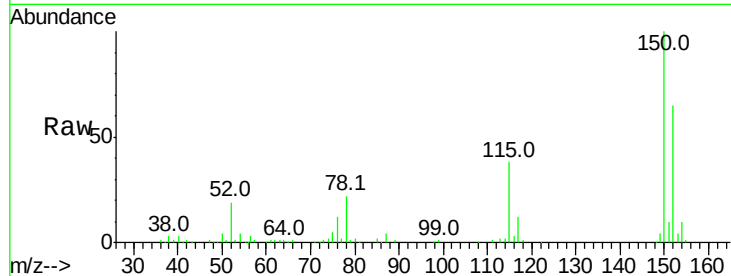




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

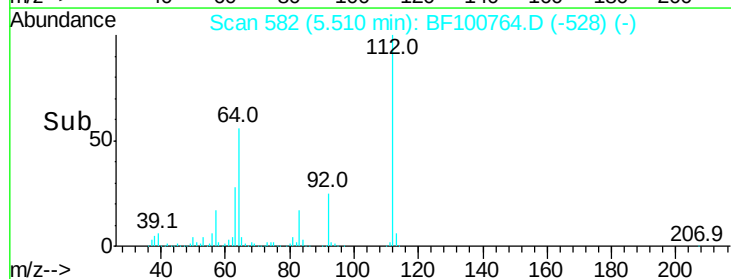
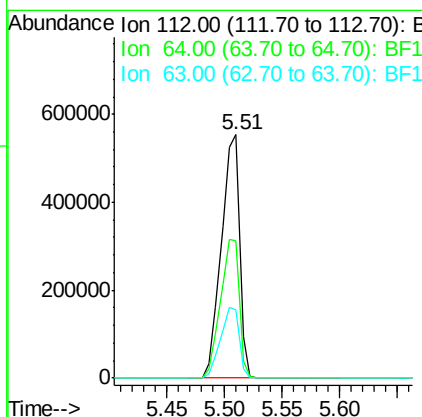
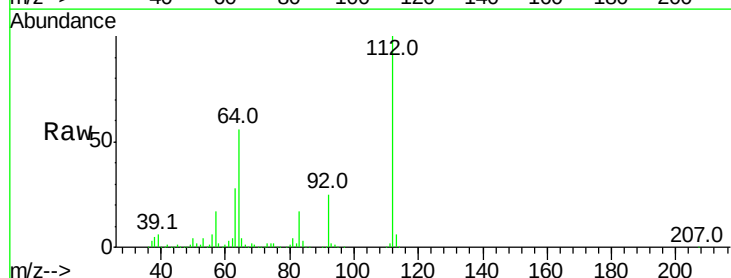
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

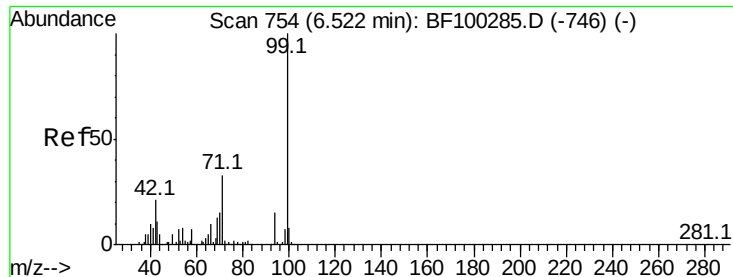
Tot Ion:152 Resp: 82835
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 57.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 117.882 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Tgt Ion:112 Resp: 609161
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 101.585 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

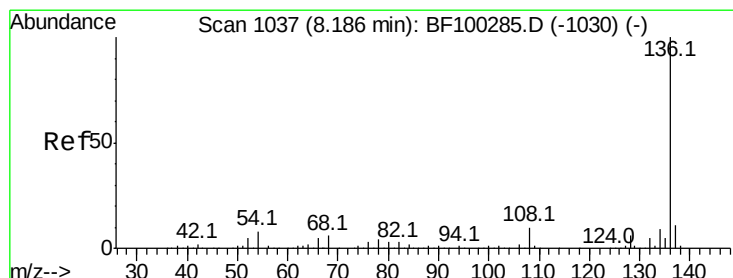
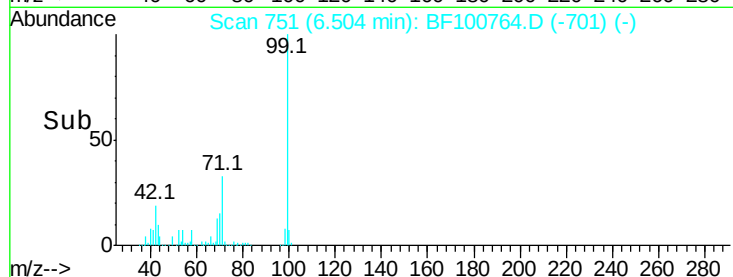
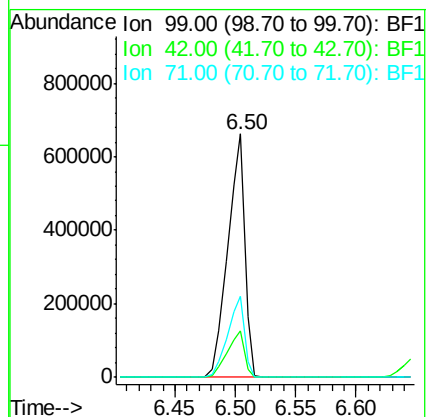
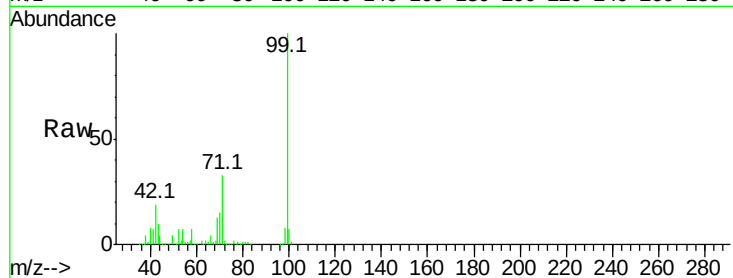
Tot Ion: 99 Resp: 647327

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 33.3 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: BF100764.D

Acq: 21 Nov 2017 7:28

Tgt Ion: 136 Resp: 324424

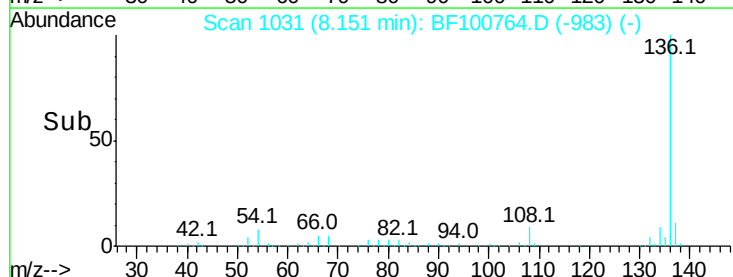
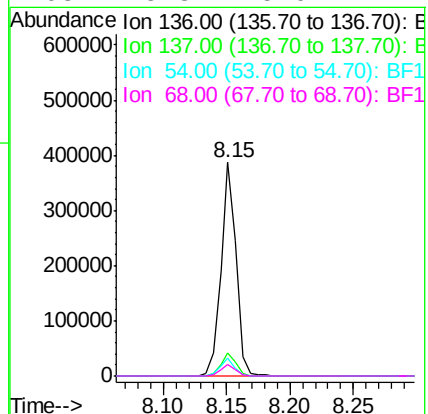
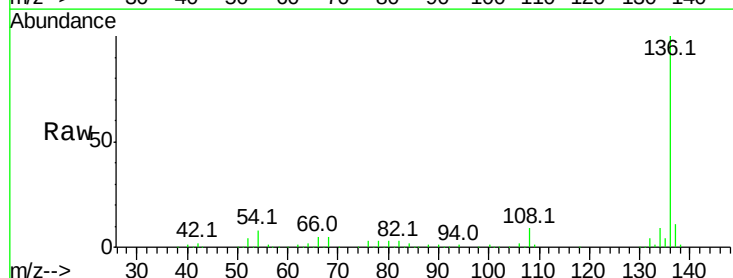
Ion Ratio Lower Upper

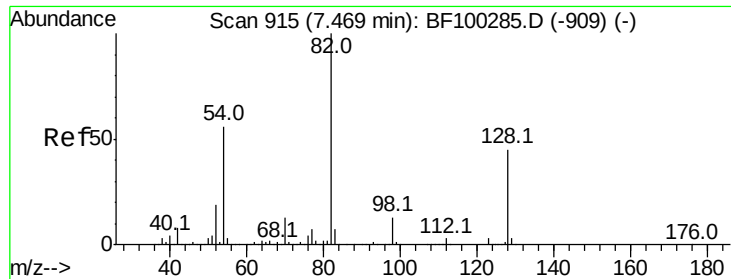
136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 5.3 5.0 7.4

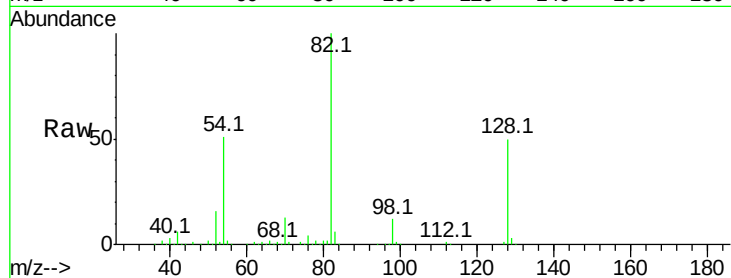




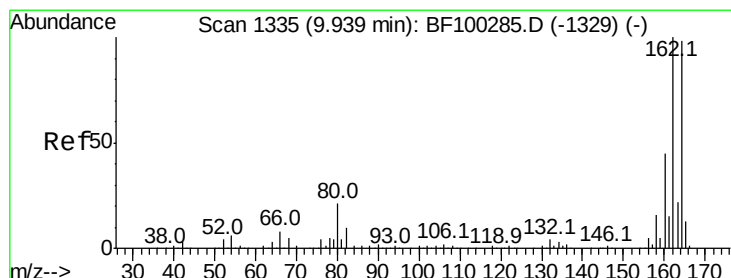
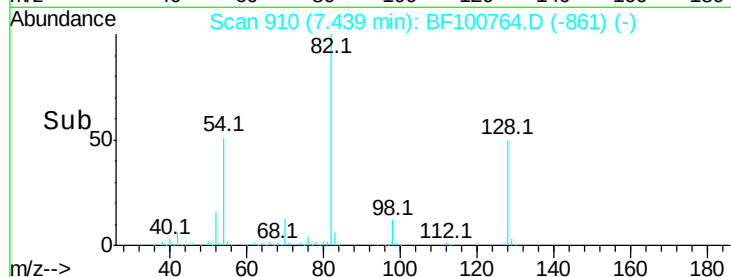
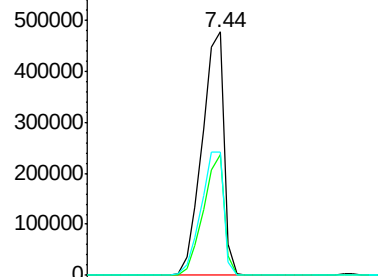
#23
Nitrobenzene-d5
Concen: 104.501 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

Tot Ion: 82 Resp: 512797
Ion Ratio Lower Upper
82 100
128 49.6 36.1 54.1
54 50.7 41.4 62.2

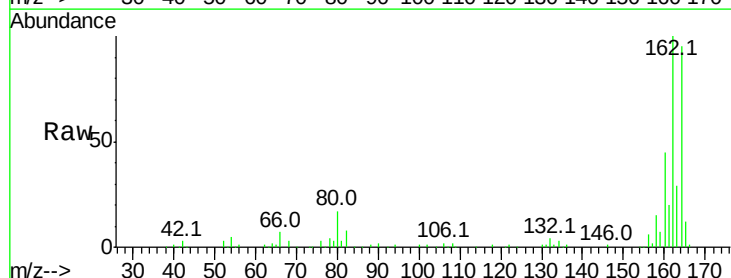


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

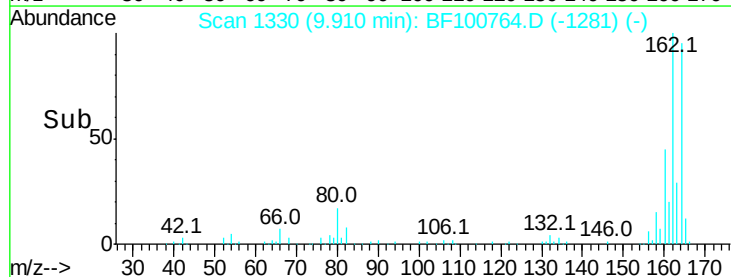
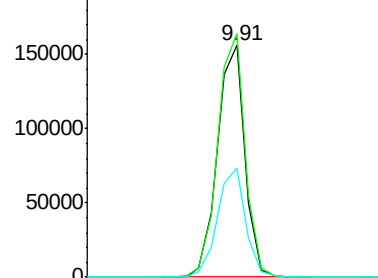


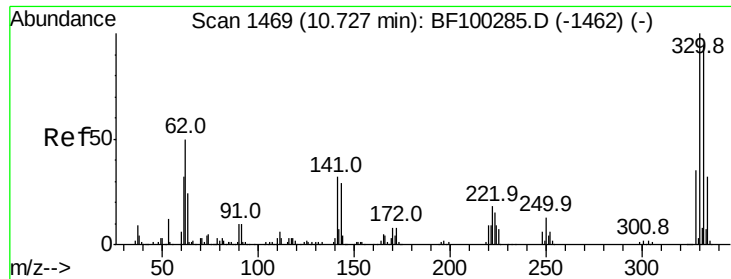
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

Tgt Ion: 164 Resp: 140412
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 47.3 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

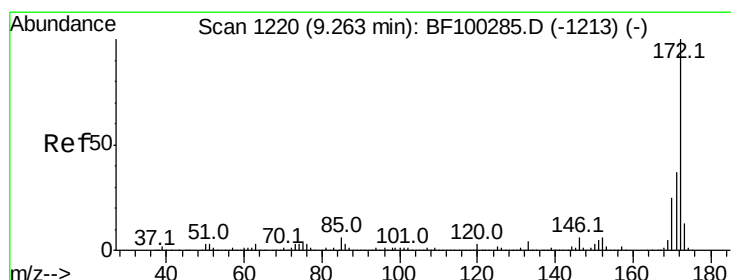
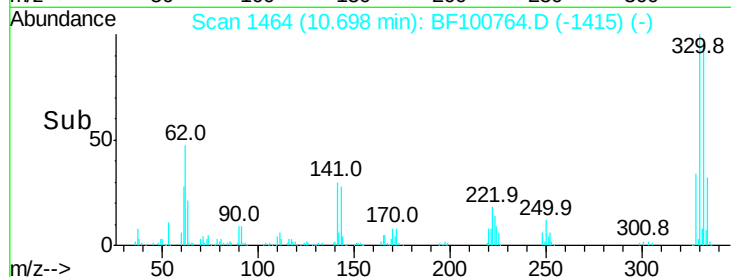
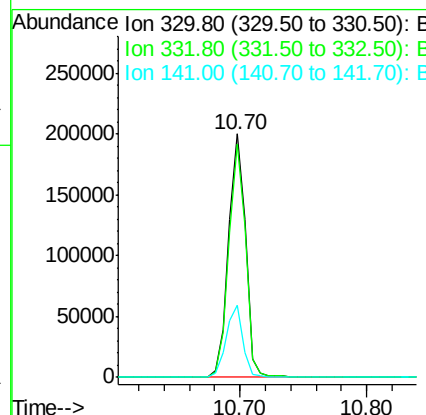
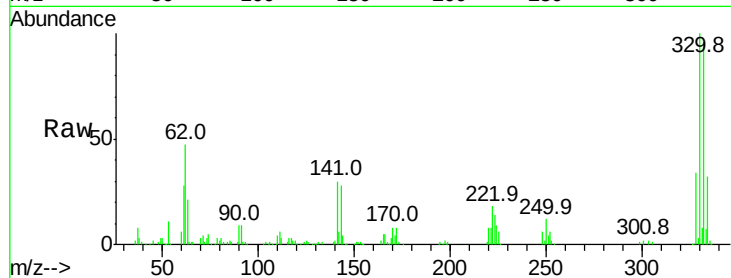




#41
 2,4,6-Tribromophenol
 Concen: 130.812 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

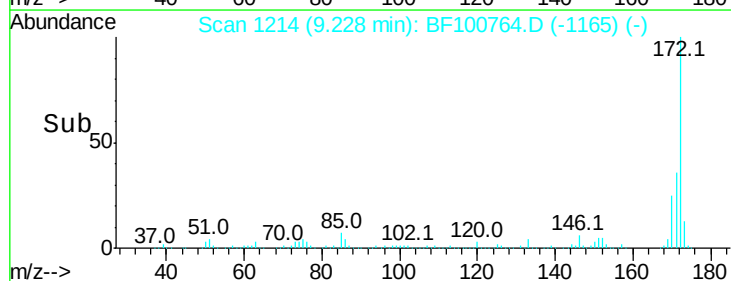
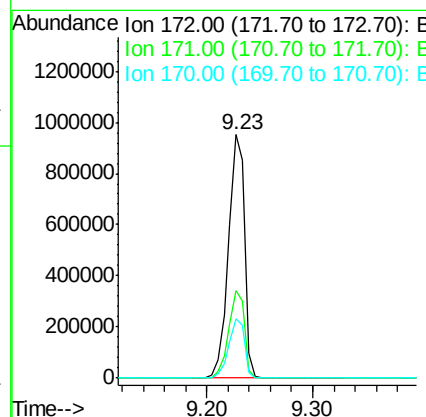
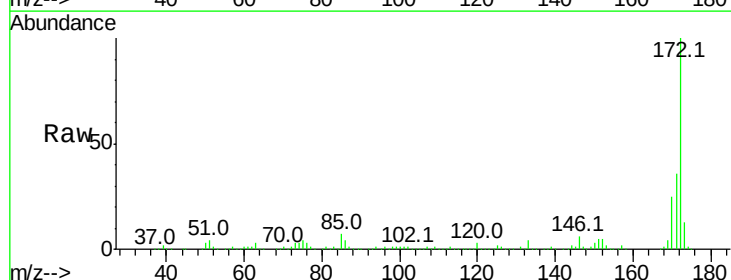
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

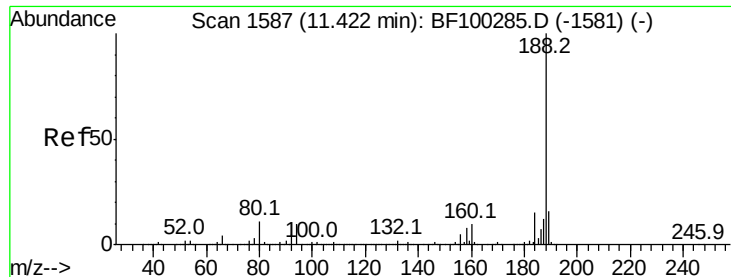
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	29.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 109.041 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.5	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: BF100764.D

Acq: 21 Nov 2017 7:28

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

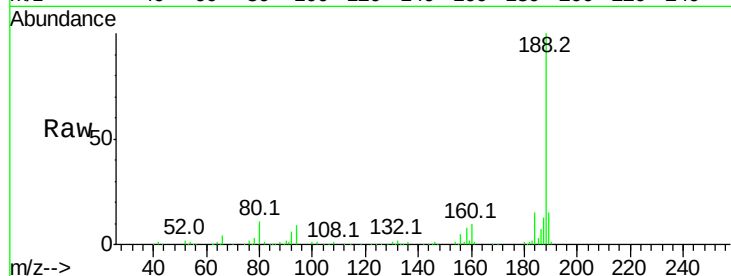
Tot Ion:188 Resp: 228877

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

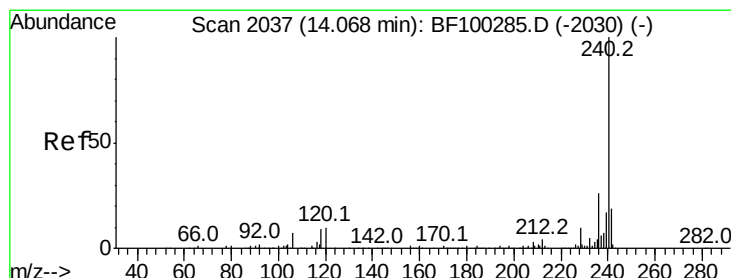
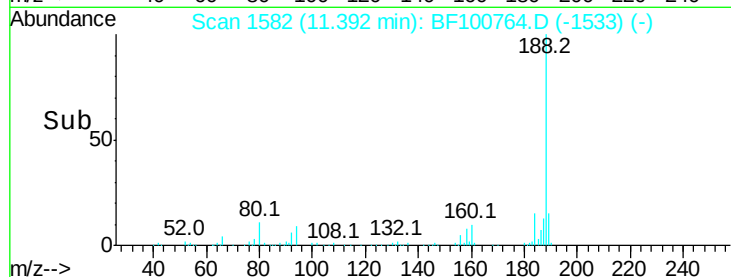
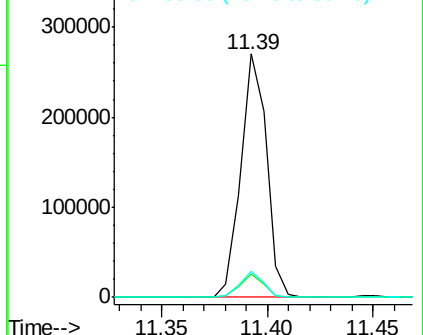
80 10.6 9.2 13.8



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: BF100764.D

Acq: 21 Nov 2017 7:28

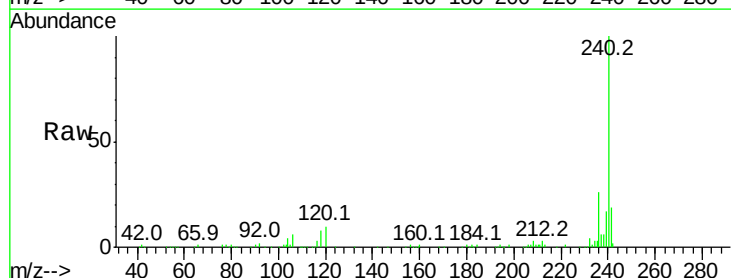
Tgt Ion:240 Resp: 187120

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

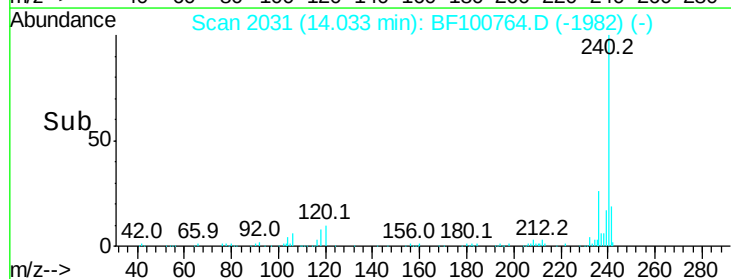
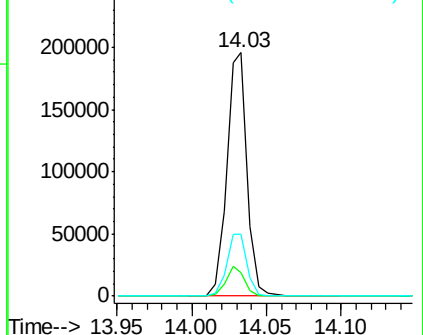
236 25.6 20.7 31.1

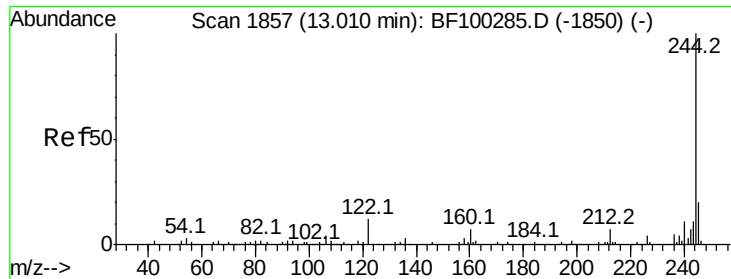


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.401 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

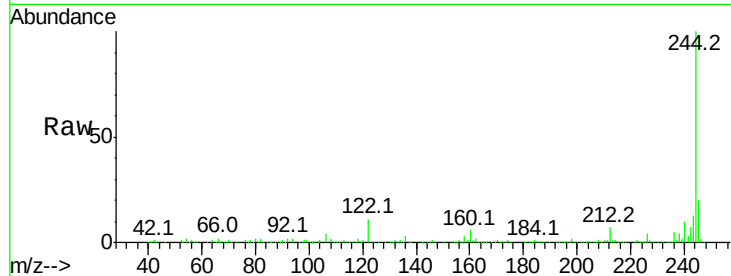
Tot Ion:244 Resp: 760637

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

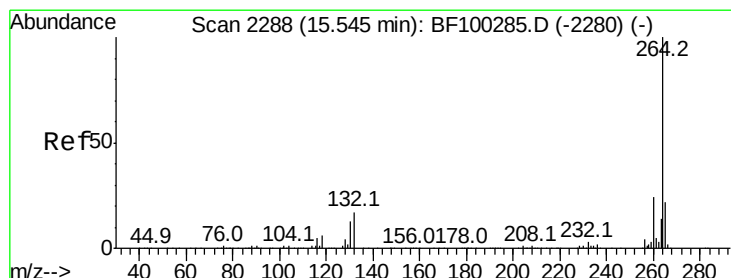
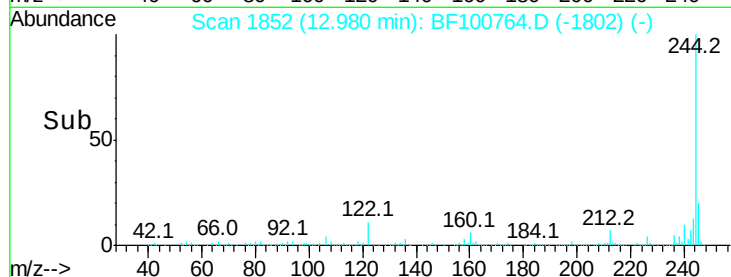
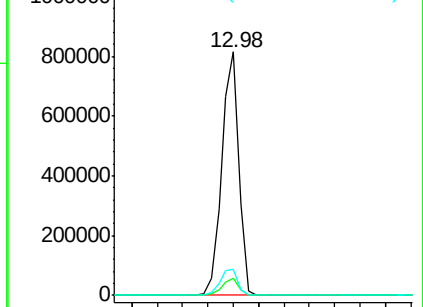
122 10.7 11.0 16.4#



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# 2281

Delta R.T. -0.01 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

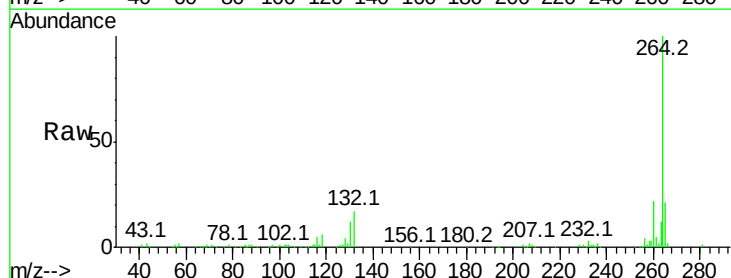
Tgt Ion:264 Resp: 150993

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.3 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

