

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100762.D
 Acq On : 21 Nov 2017 6:34
 Operator : SJ/JU
 Sample : I6306-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Quant Time: Nov 21 07:26:44 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

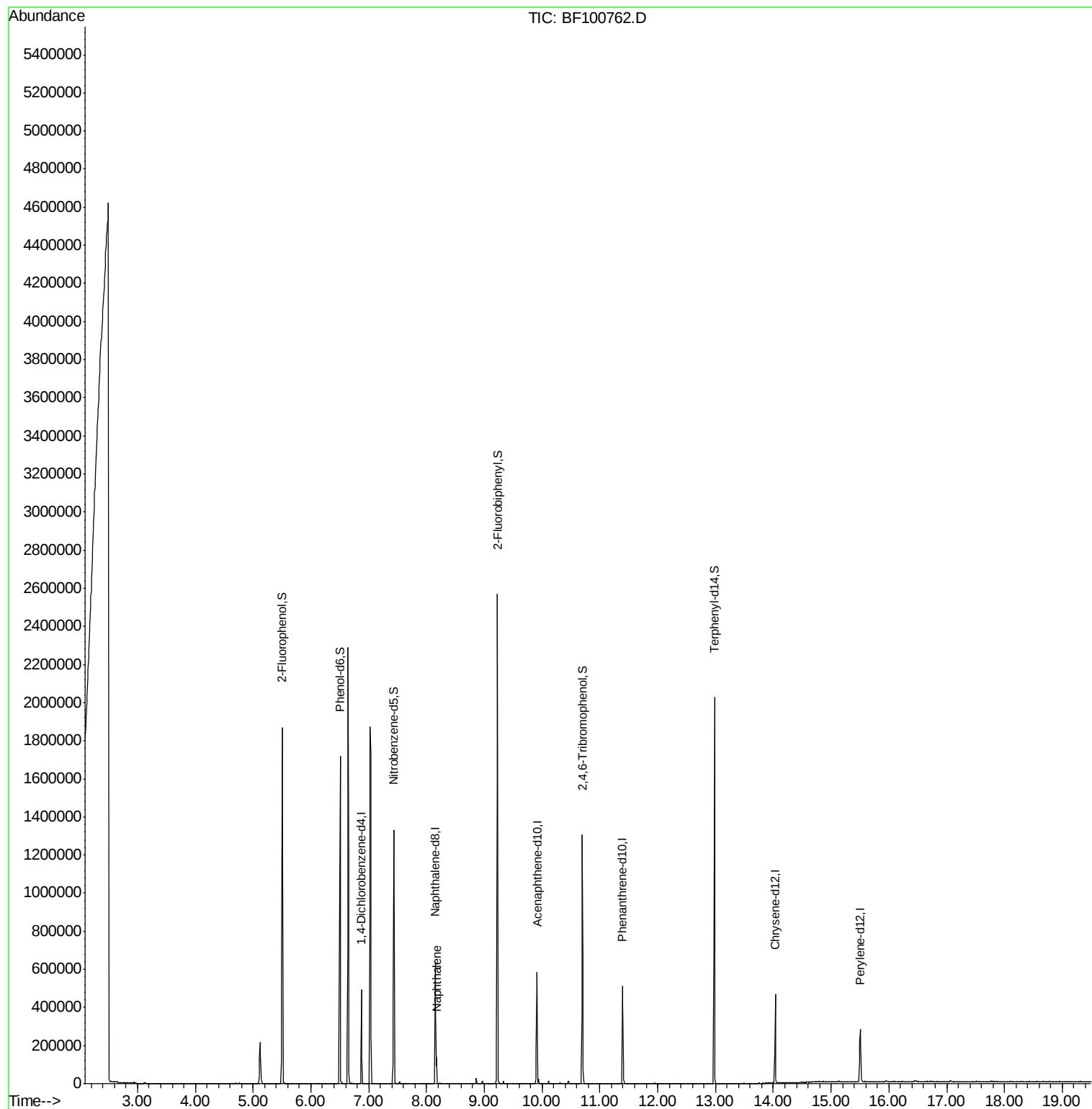
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	75398	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	290398	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	121500	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	188778	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	171683	20.00	ng	-0.01
86) Perylene-d12	15.50	264	134741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	572755	121.77	ng	0.01
7) Phenol-d6	6.50	99	613986	105.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	478611	108.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	171345	138.40	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	951533	119.25	ng	-0.01
78) Terphenyl-d14	12.98	244	695400	93.07	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.17	128	60820	4.348	ng	99

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

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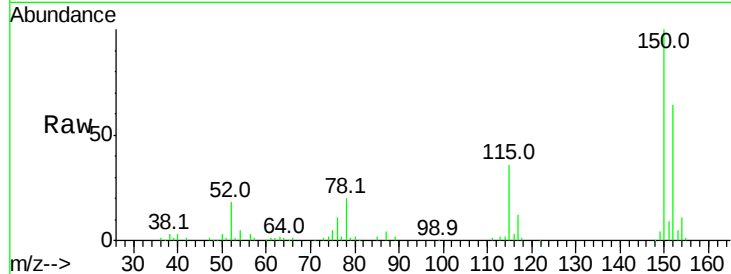


#1

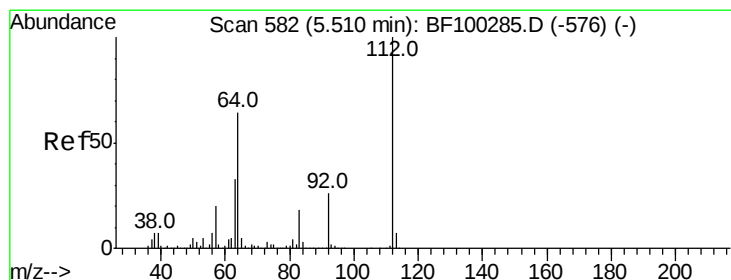
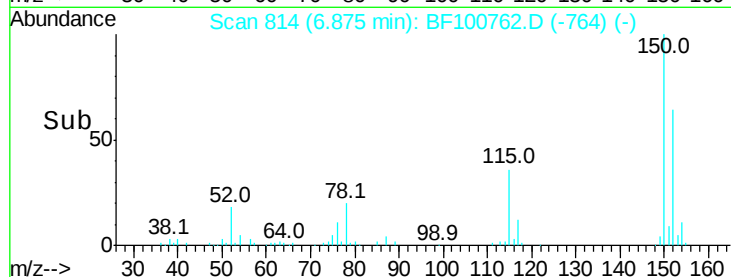
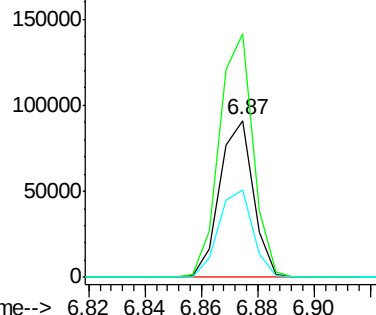
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tot Ion:152 Resp: 75398
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 55.6 50.1 75.1



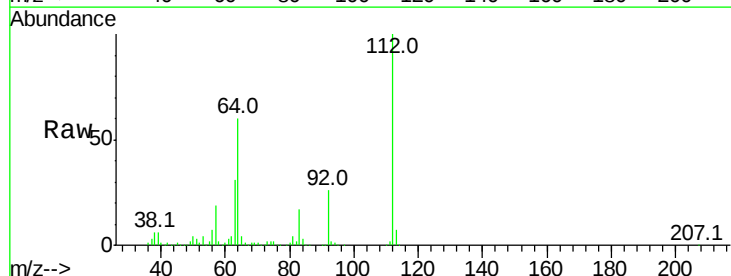
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



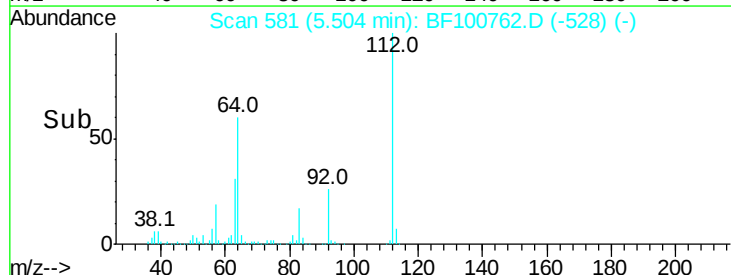
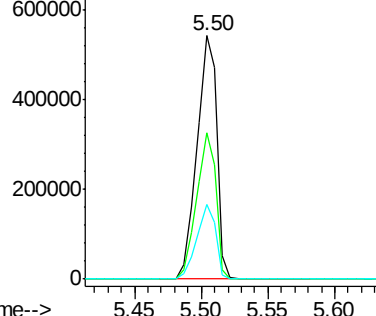
#5

2-Fluorophenol
 Concen: 121.770 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Tgt Ion:112 Resp: 572755
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 30.6 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: 105.857 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

NB-08-111717

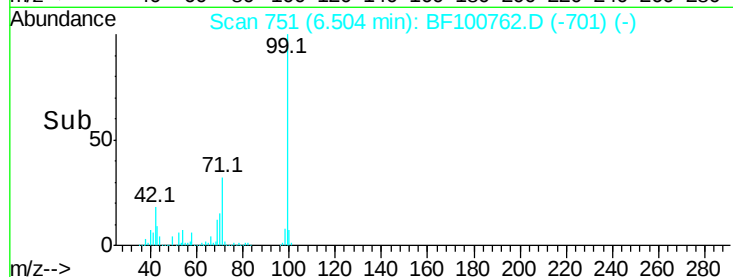
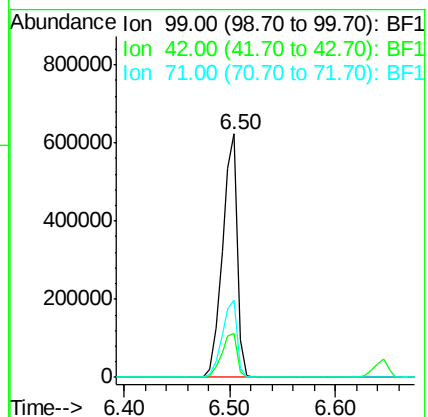
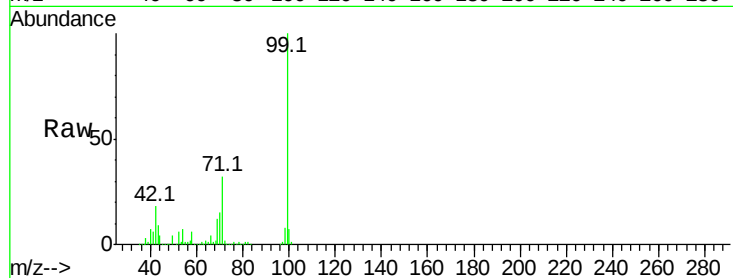
Tot Ion: 99 Resp: 613986

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 32.0 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: BF100762.D

Acq: 21 Nov 2017 6:34

Tgt Ion: 136 Resp: 290398

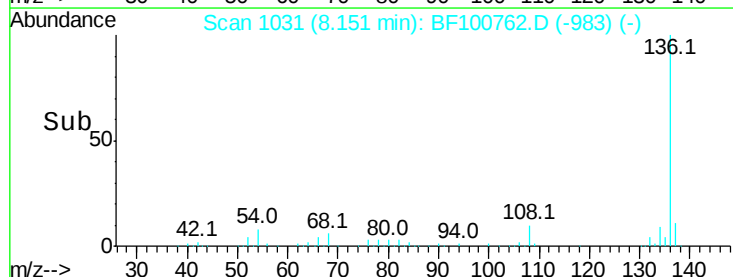
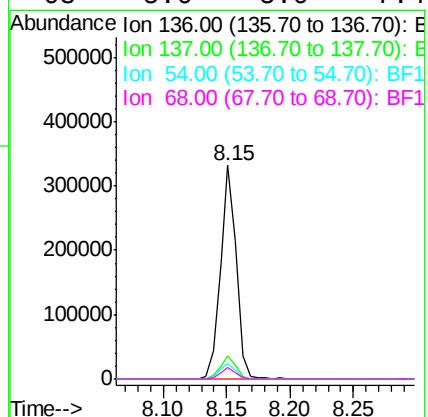
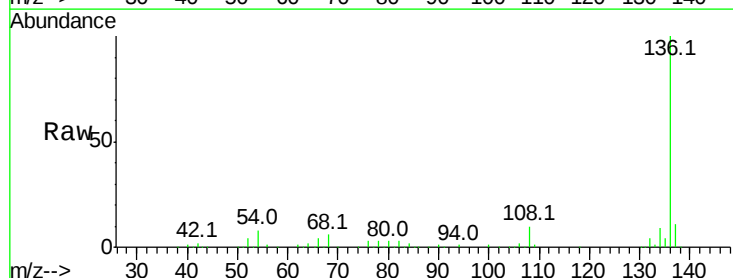
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 6.6 9.8

68 5.6 5.0 7.4

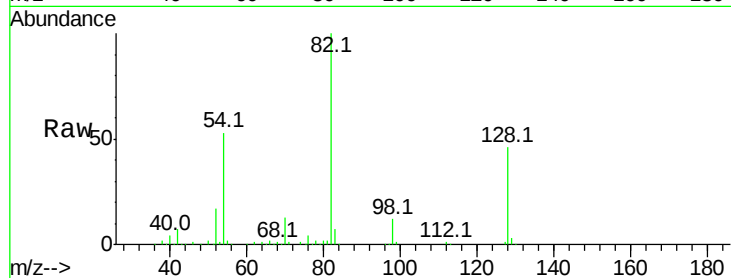




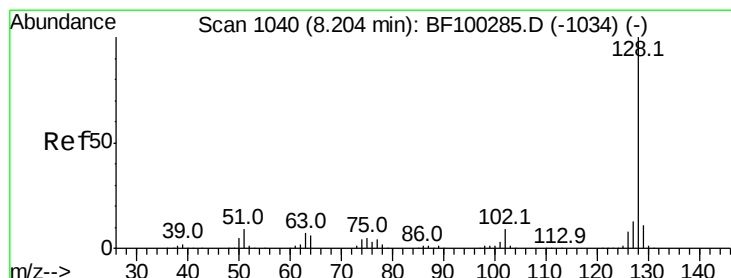
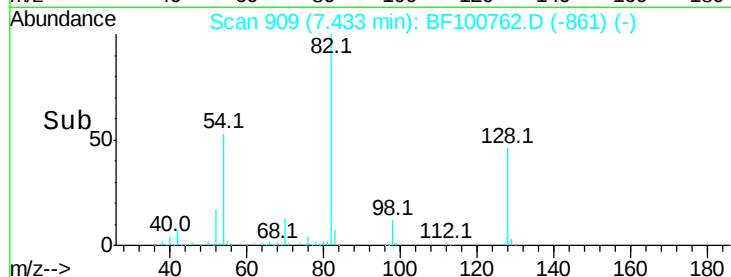
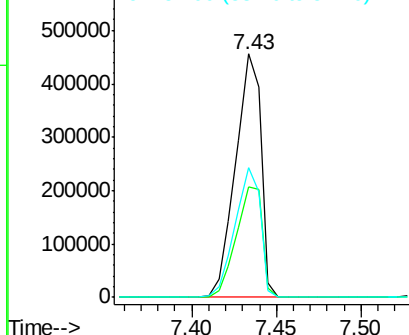
#23
 Nitrobenzene-d5
 Concen: 108.963 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tot Ion: 82 Resp: 478611
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 53.2 41.4 62.2

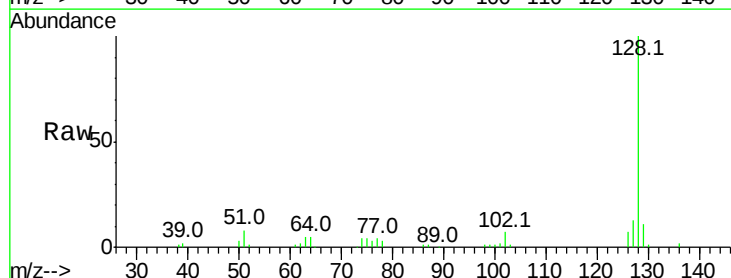


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

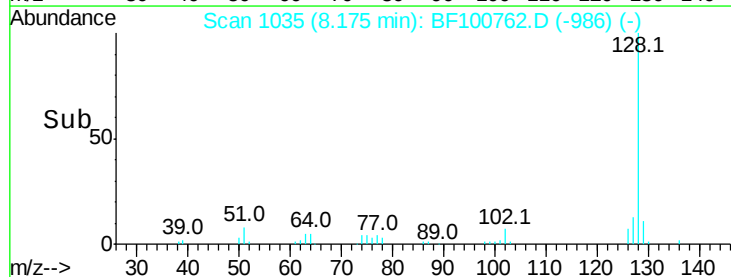
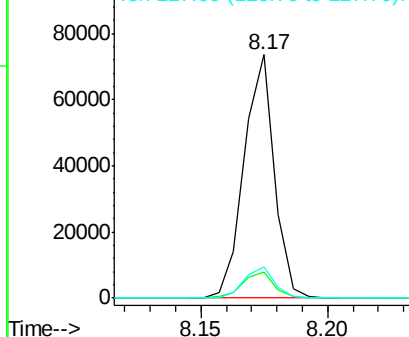


#31
 Naphthalene
 Concen: 4.348 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Tgt Ion: 128 Resp: 60820
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

NB-08-111717

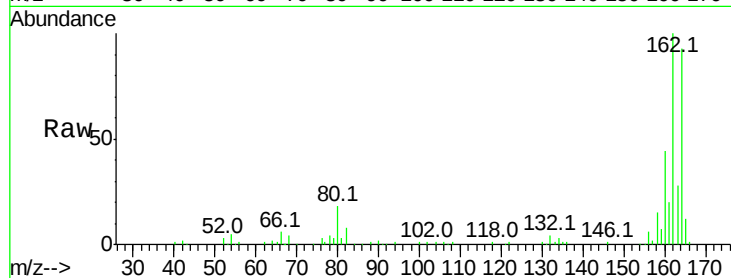
Tot Ion:164 Resp: 121500

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

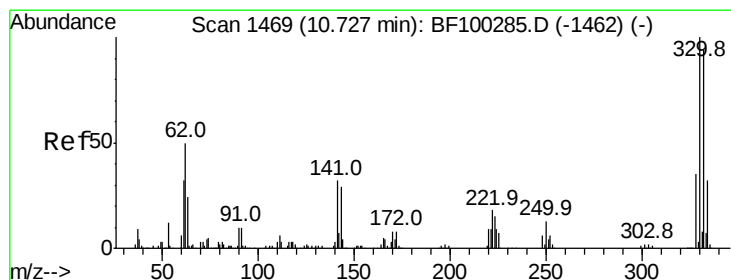
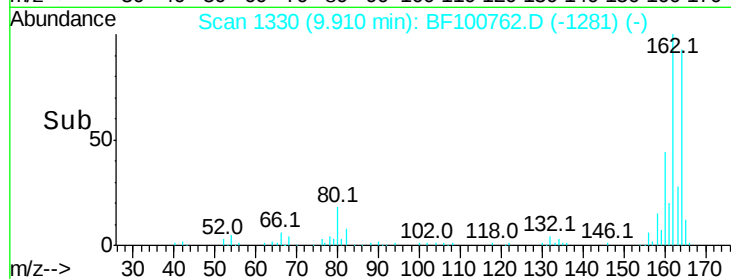
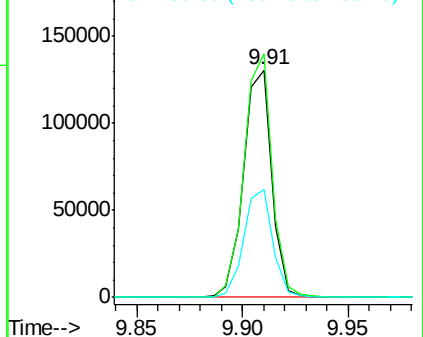
160 47.6 38.3 57.5



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: 138.395 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

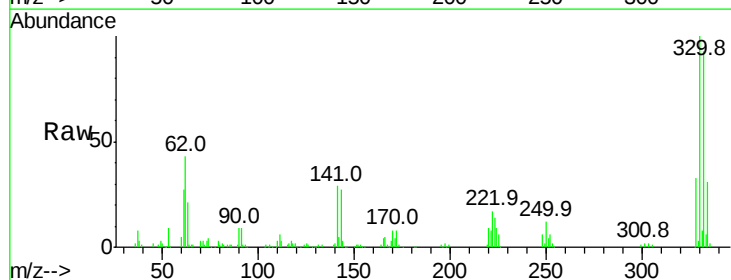
Tgt Ion:330 Resp: 171345

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

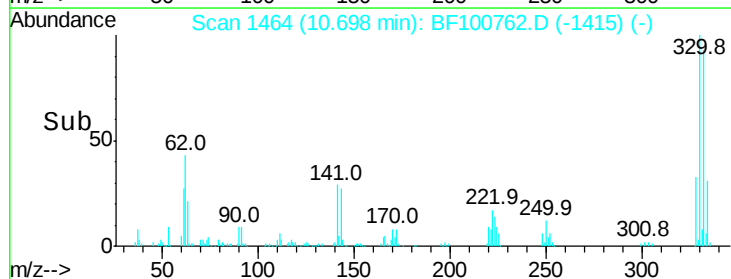
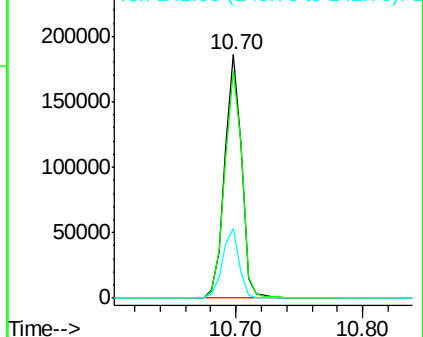
141 28.3 29.9 44.9#

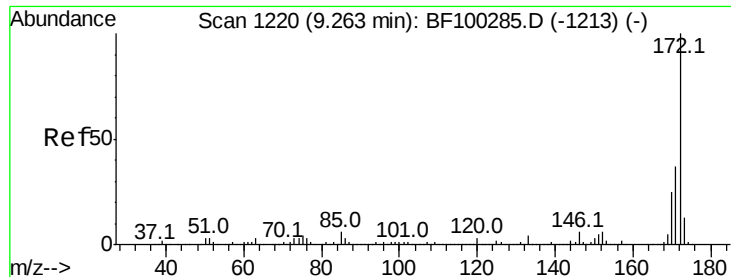


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

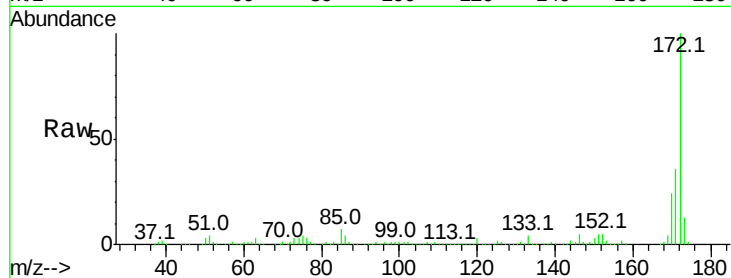




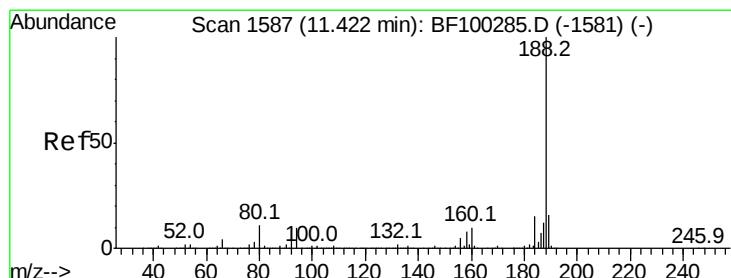
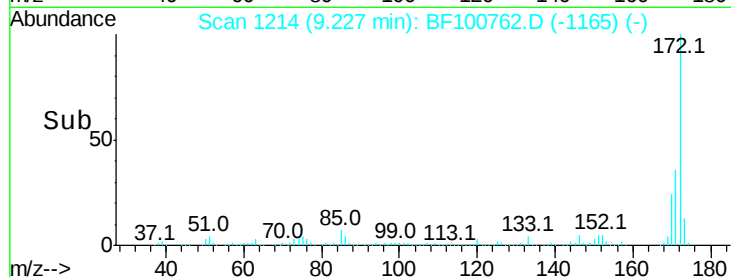
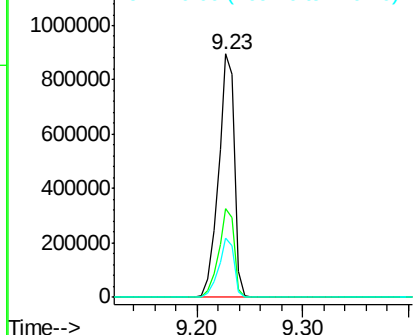
#44
 2-Fluorobiphenyl
 Concen: 119.252 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tot Ion:172 Resp: 951533
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.2 19.6 29.4

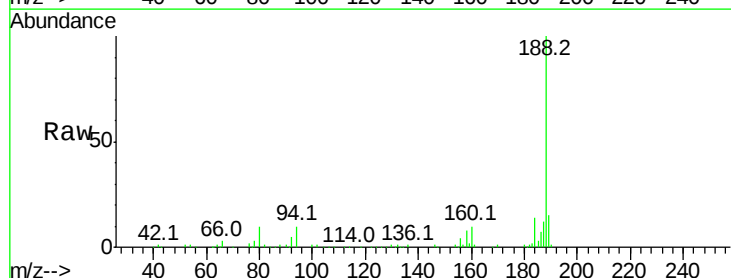


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

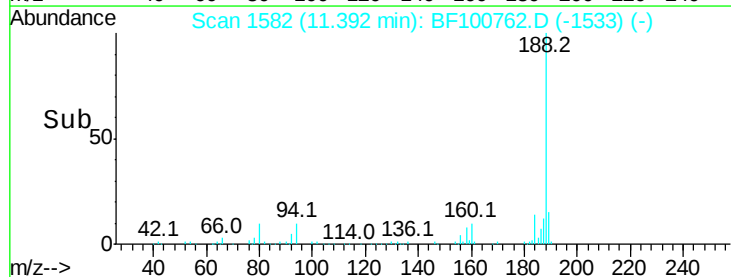
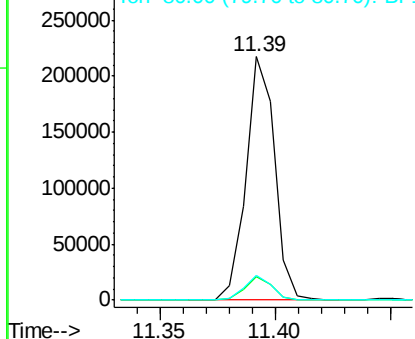


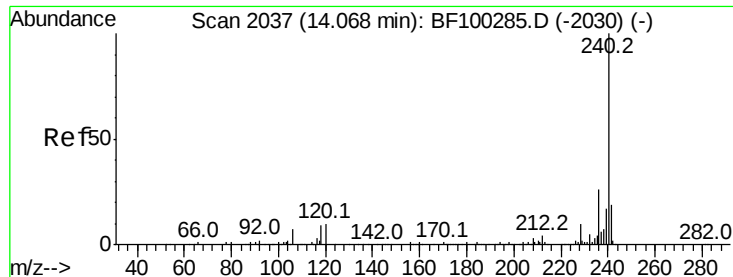
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Tgt Ion:188 Resp: 188778
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.1 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: BF100762.D

Acq: 21 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

NB-08-111717

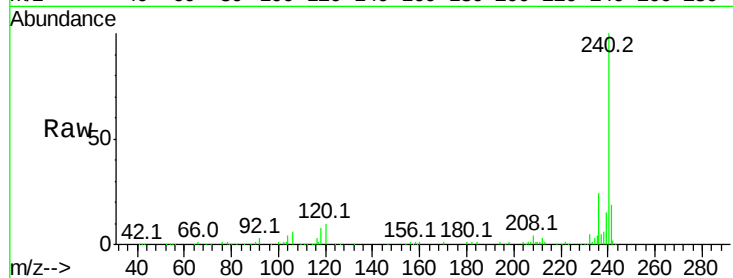
Tot Ion:240 Resp: 171683

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

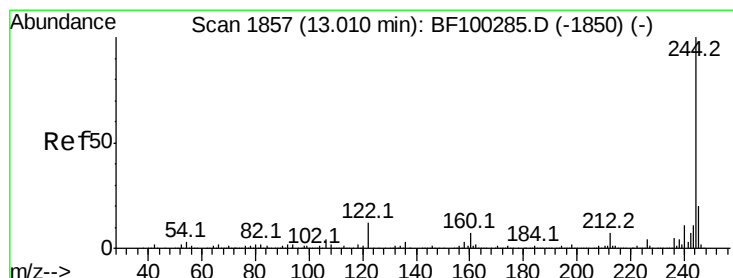
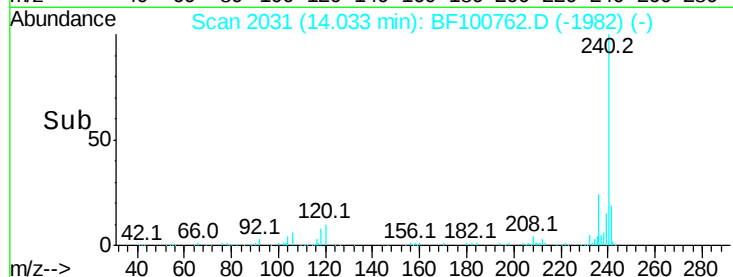
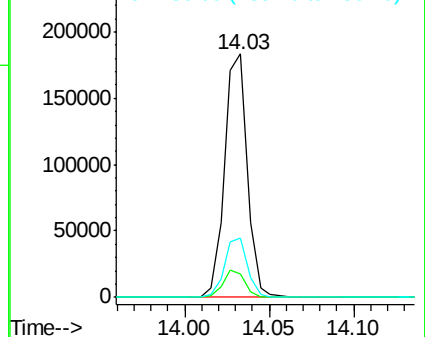
236 24.4 20.7 31.1



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: 93.068 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

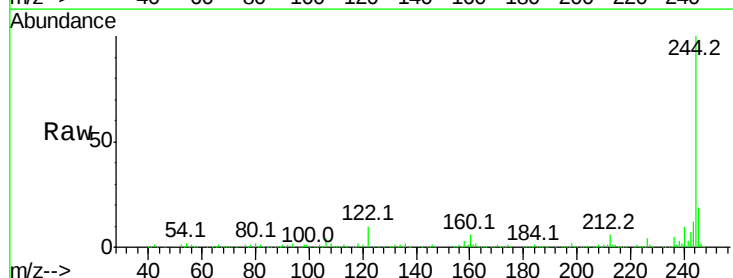
Tgt Ion:244 Resp: 695400

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

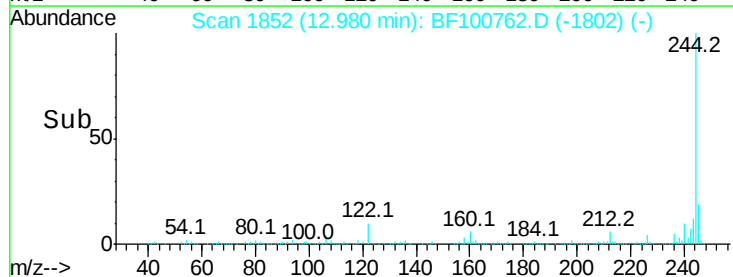
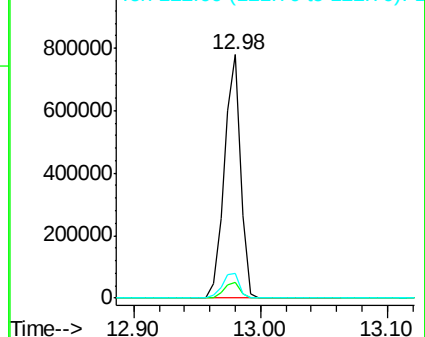
122 10.4 11.0 16.4#



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

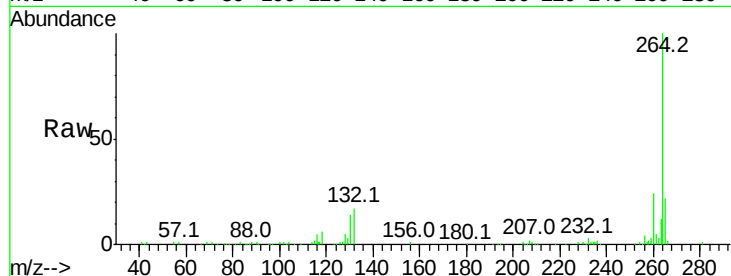




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	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

