

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100691.D
 Acq On : 17 Nov 2017 23:18
 Operator : SJ/JU
 Sample : I6478-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

Quant Time: Nov 18 00:15:23 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

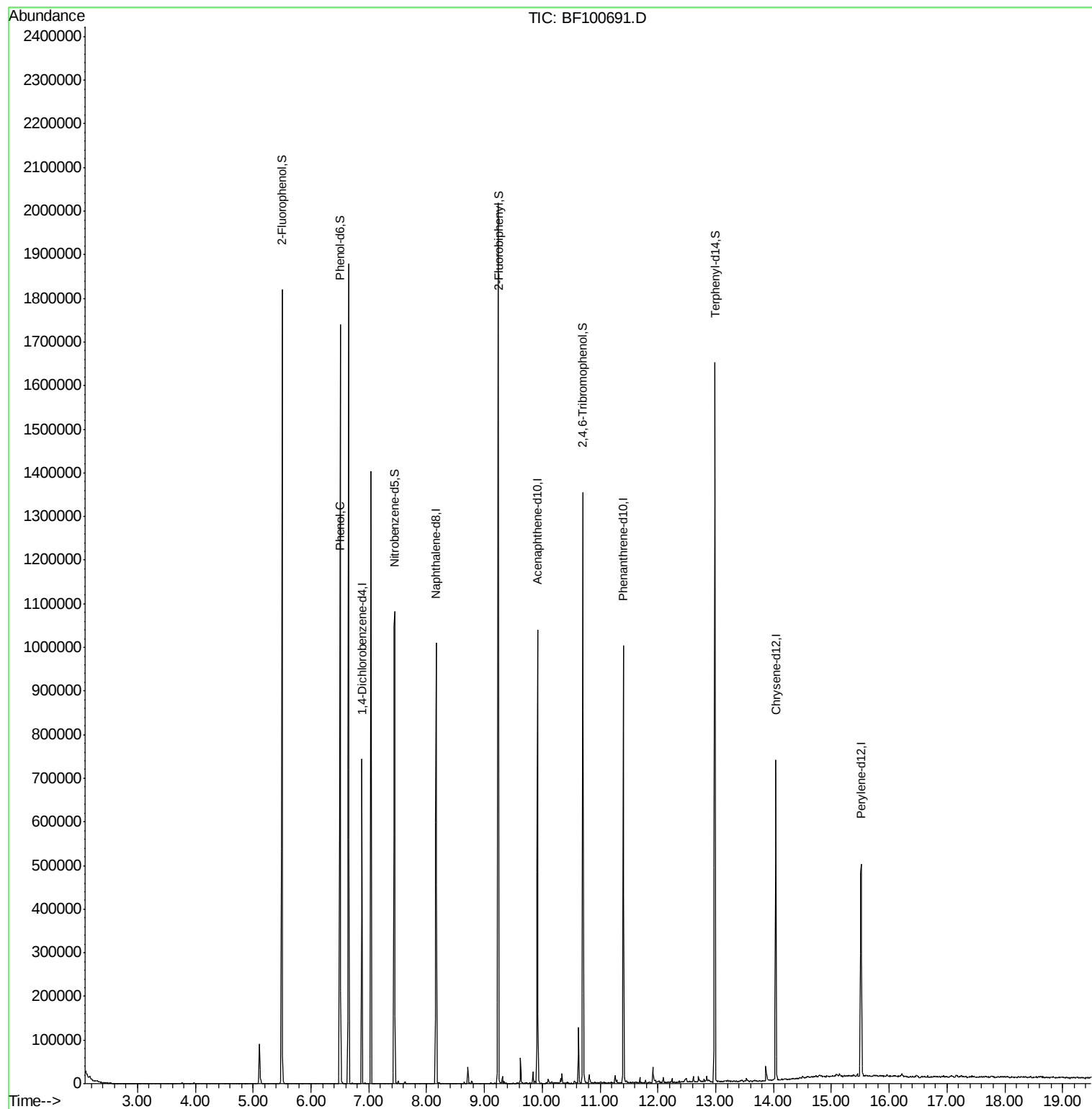
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	104747	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	422173	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	197160	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	357310	20.00	ng	0.00
75) Chrysene-d12	14.04	240	244357	20.00	ng	0.00
86) Perylene-d12	15.52	264	238443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	500508	76.59	ng	0.00
7) Phenol-d6	6.50	99	618004	76.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	372757	58.37	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	165733	82.49	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	692232	53.46	ng	0.00
78) Terphenyl-d14	12.99	244	545083	51.25	ng	0.00
Target Compounds						
10) Phenol	6.52	94	32431	3.834	ng	Qvalue 96

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

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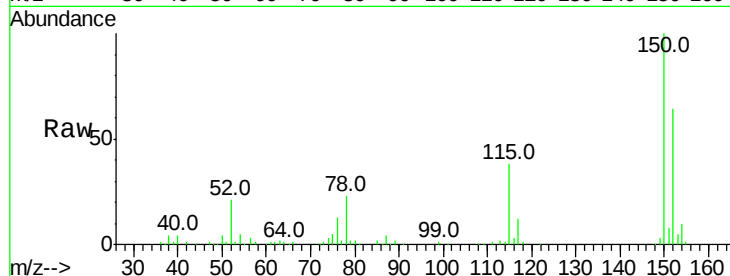


#1

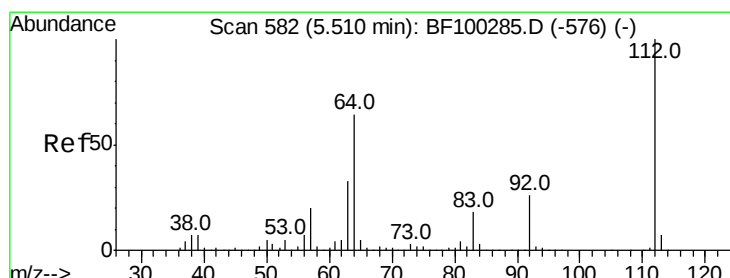
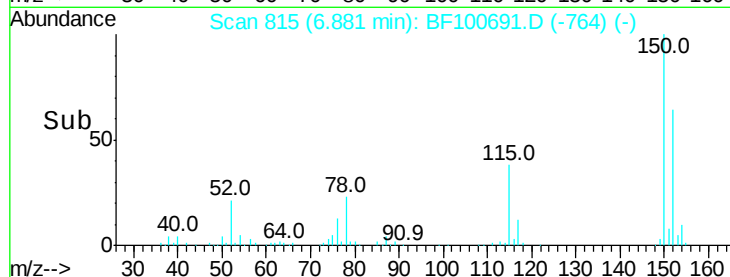
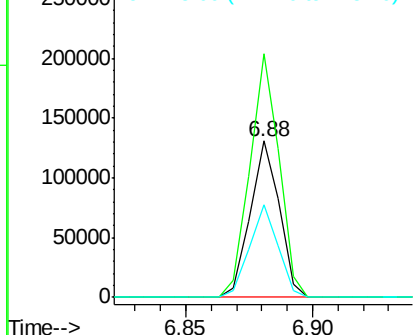
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

Instrument :
BNA_F
ClientSampled :
SP-1-C

Tot Ion:152 Resp: 104747
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 59.3 50.1 75.1



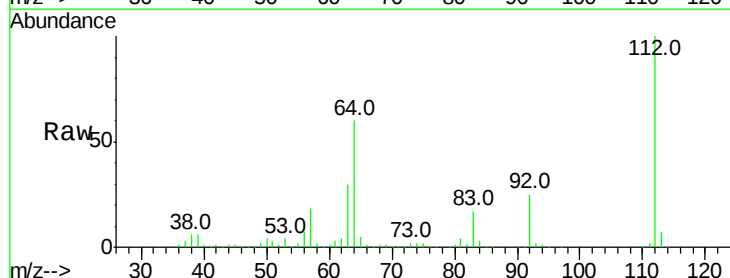
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



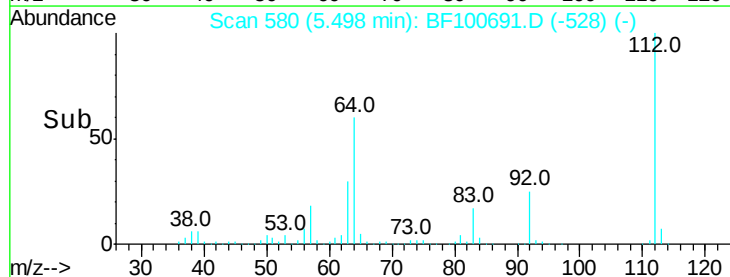
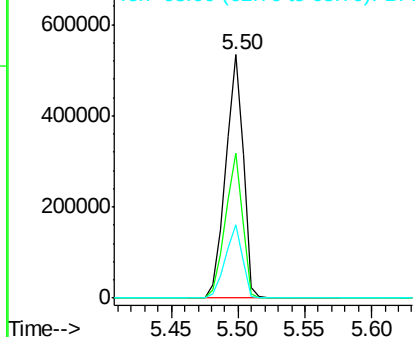
#5

2-Fluorophenol
Concen: 76.595 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

Tgt Ion:112 Resp: 500508
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.4 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: 76.696 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-C

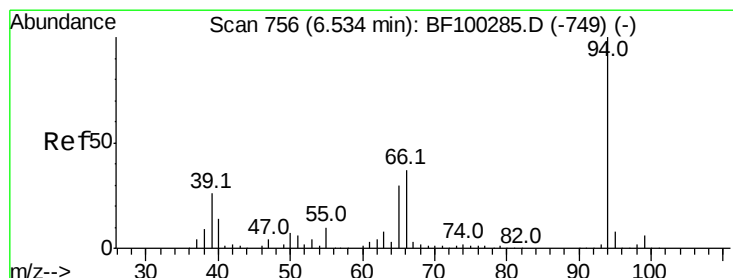
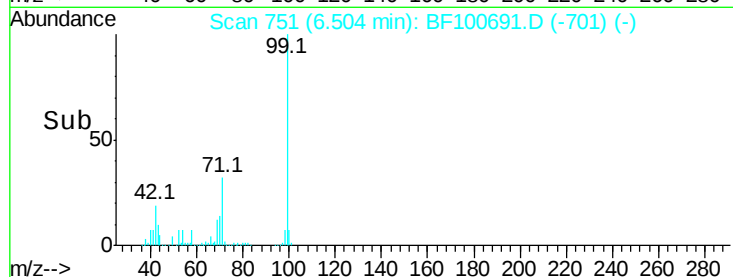
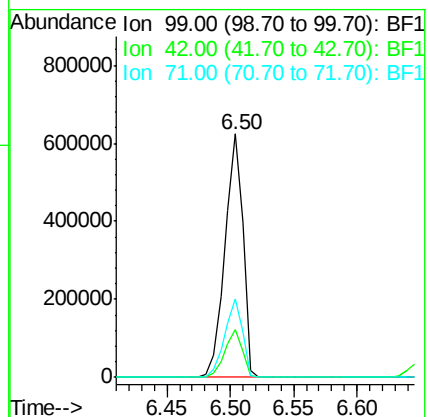
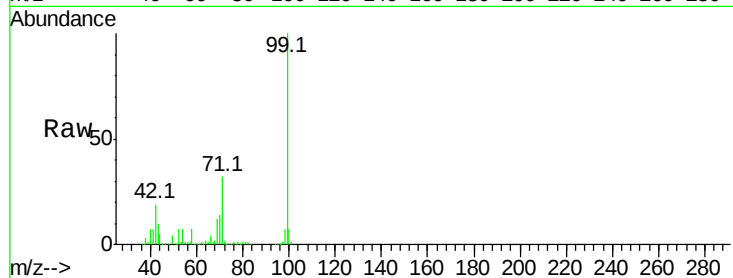
Tot Ion: 99 Resp: 618004

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.4 25.4 38.0



#10

Phenol

Concen: 3.834 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

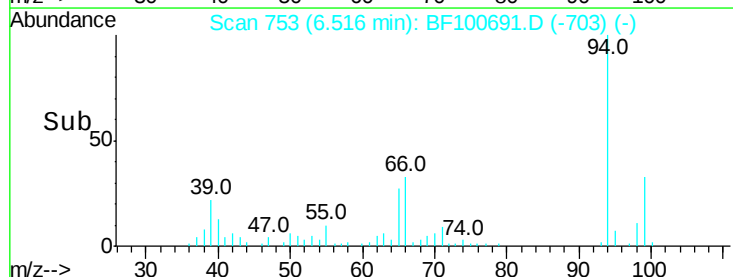
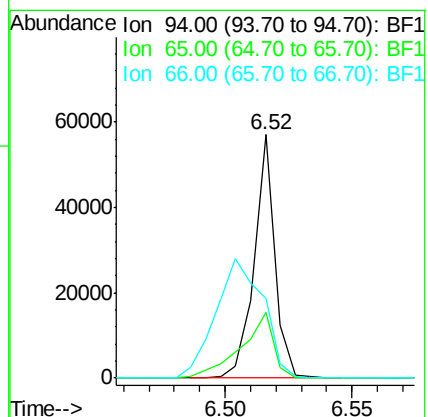
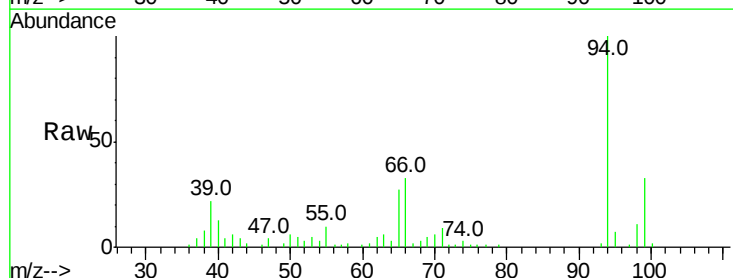
Tgt Ion: 94 Resp: 32431

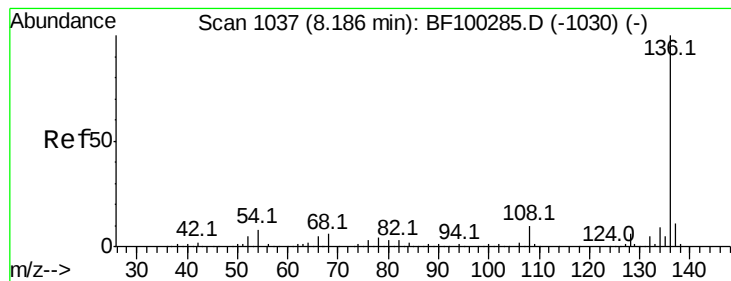
Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

66 32.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-C

Tot Ion:136 Resp: 422173

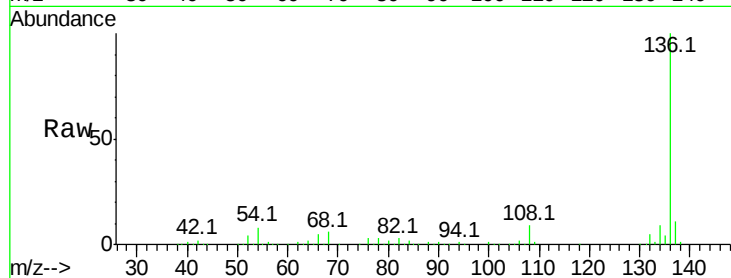
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 9.8

68 5.7 5.0 7.4

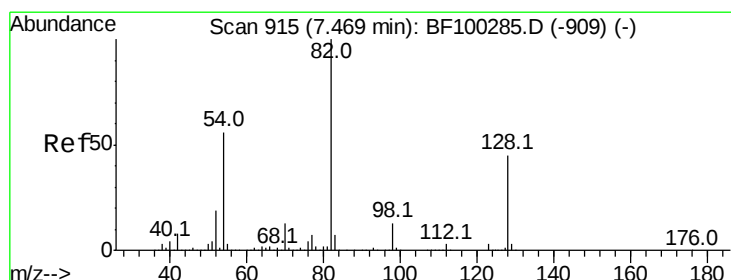
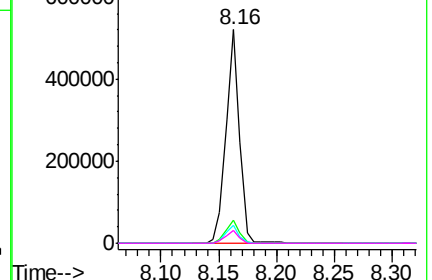
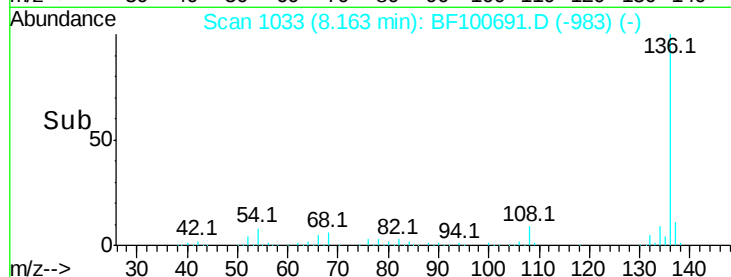


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.375 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

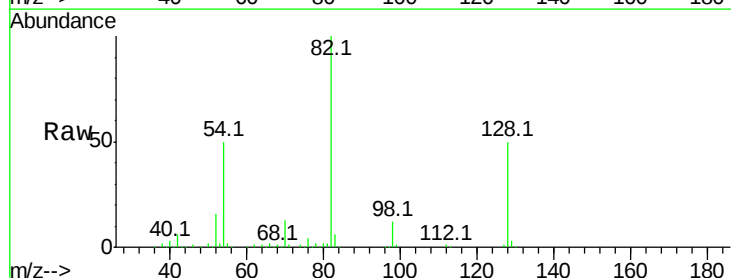
Tgt Ion: 82 Resp: 372757

Ion Ratio Lower Upper

82 100

128 50.3 36.1 54.1

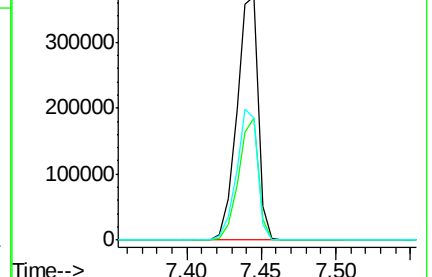
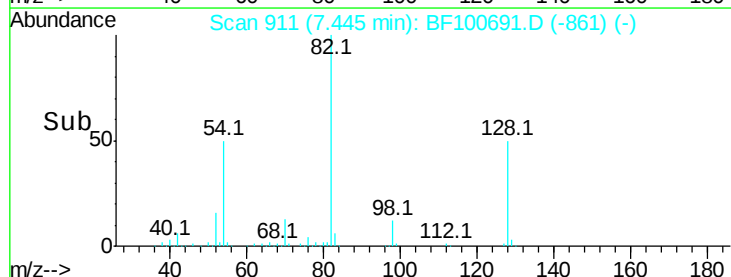
54 50.4 41.4 62.2

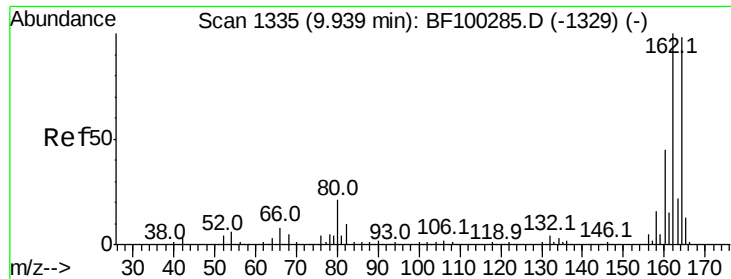


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

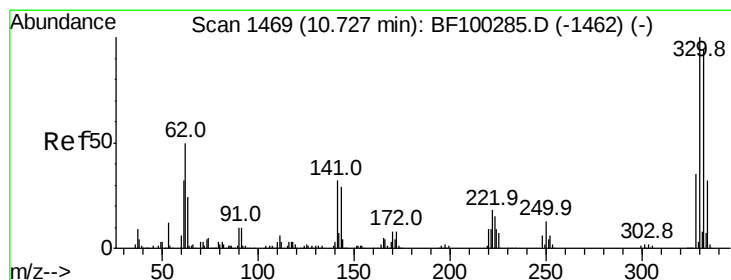
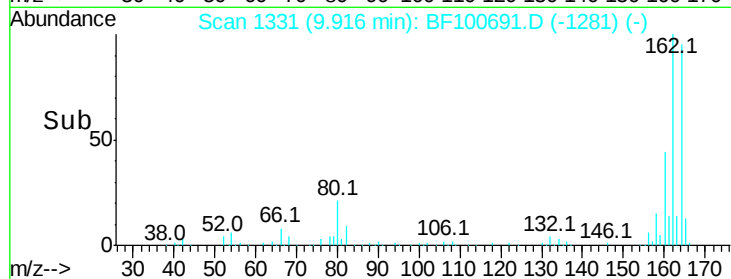
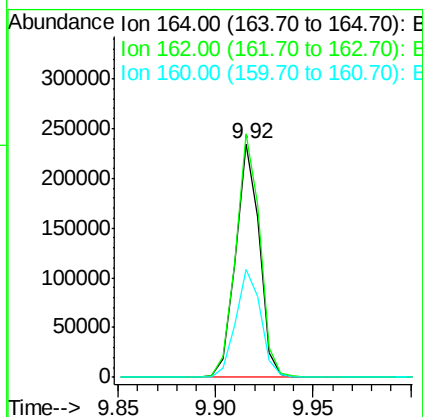
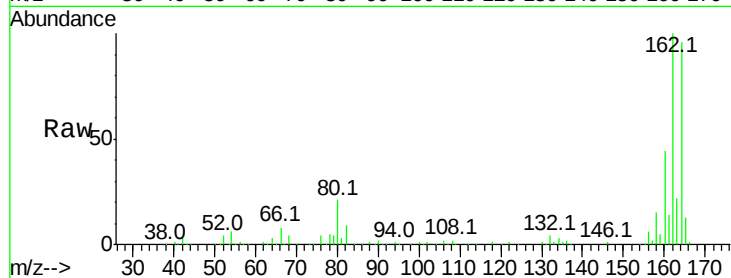




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

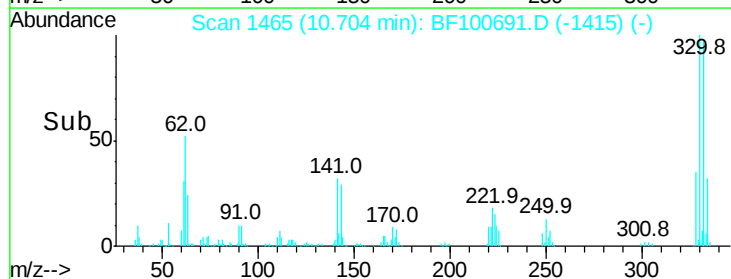
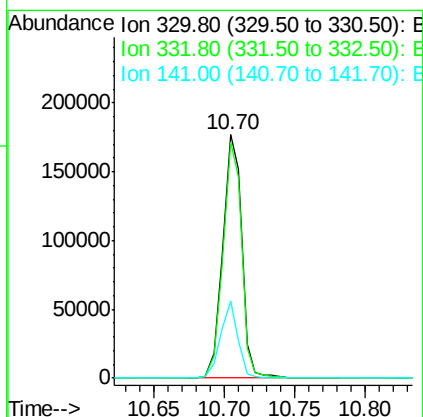
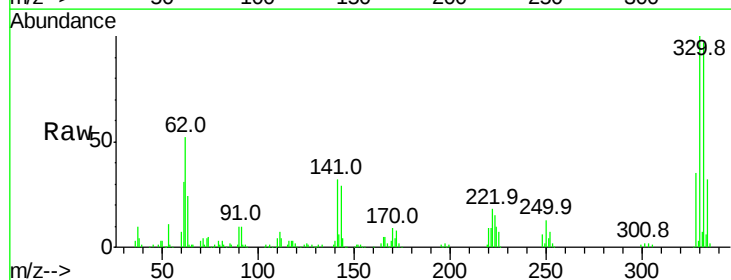
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 82.493 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	28.8	29.9	44.9#

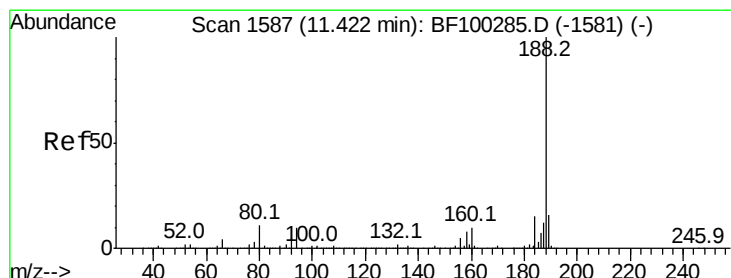
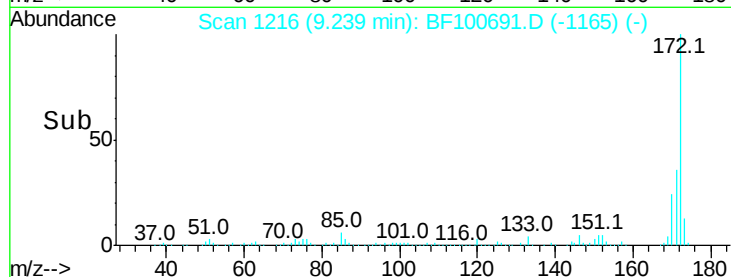
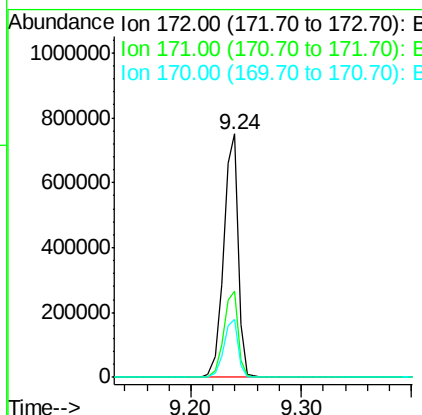
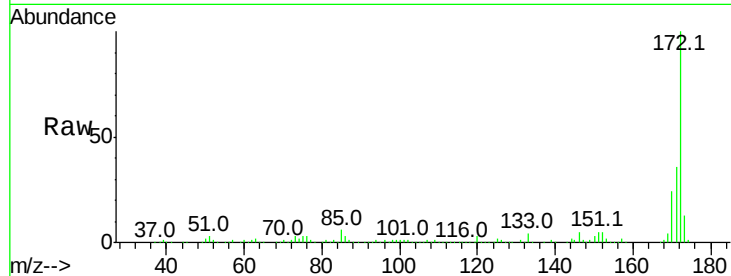




#44
 2-Fluorobiphenyl
 Concen: 53.463 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

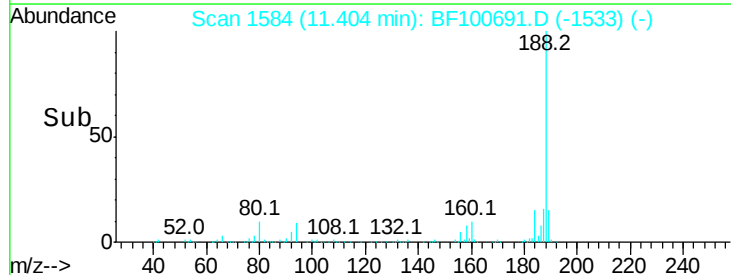
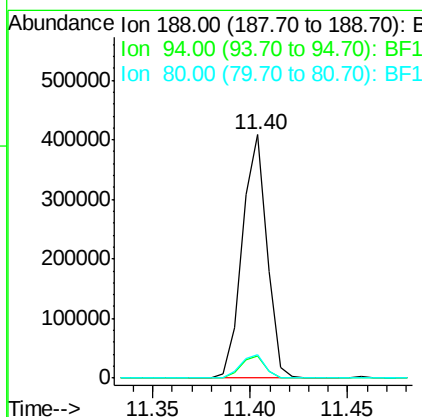
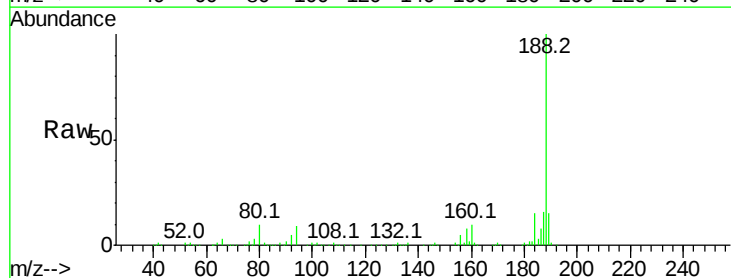
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

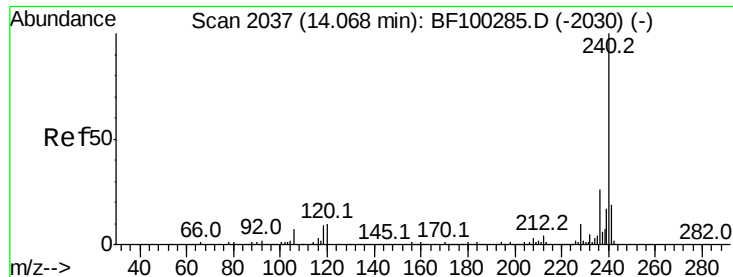
Tot Ion:172 Resp: 692232
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.7 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

Tgt Ion:188 Resp: 357310
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.9 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: BF100691.D

Acq: 17 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-C

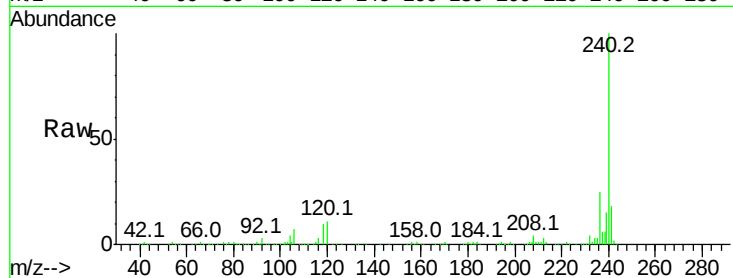
Tot Ion:240 Resp: 244357

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

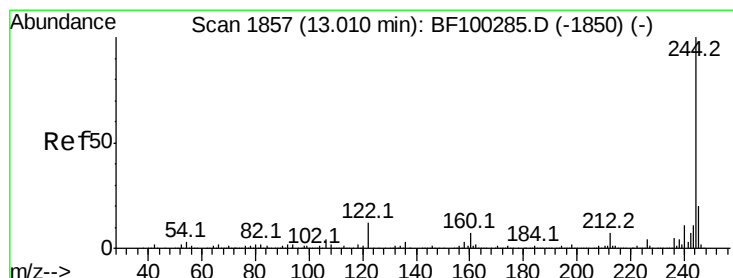
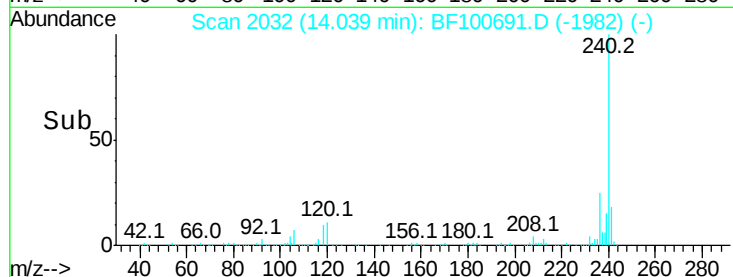
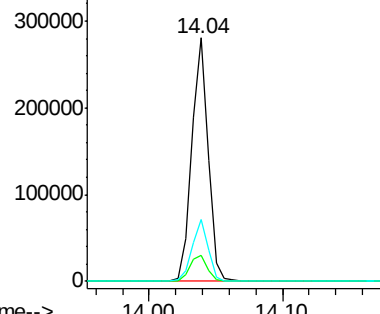
236 25.4 20.7 31.1



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: 51.255 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

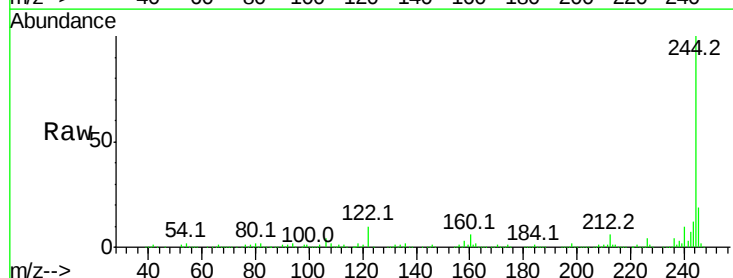
Tgt Ion:244 Resp: 545083

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

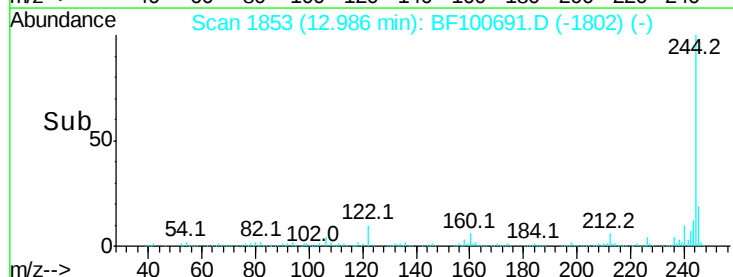
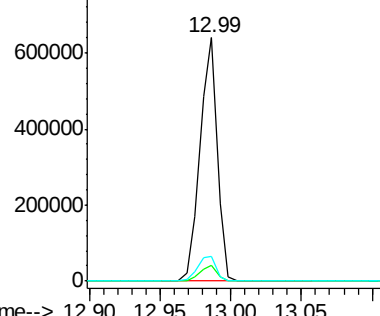
122 10.2 11.0 16.4#



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

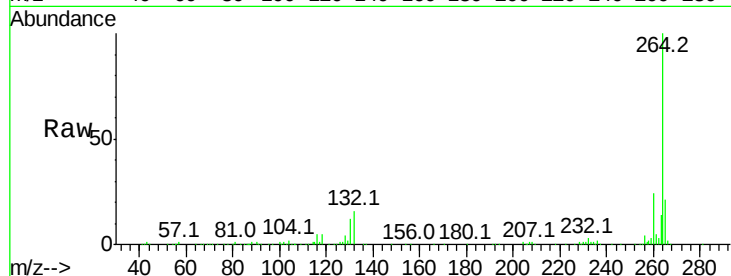




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

