

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100677.D
 Acq On : 17 Nov 2017 16:06
 Operator : SJ/JU
 Sample : I6437-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DC-1

Quant Time: Nov 17 17:07:36 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

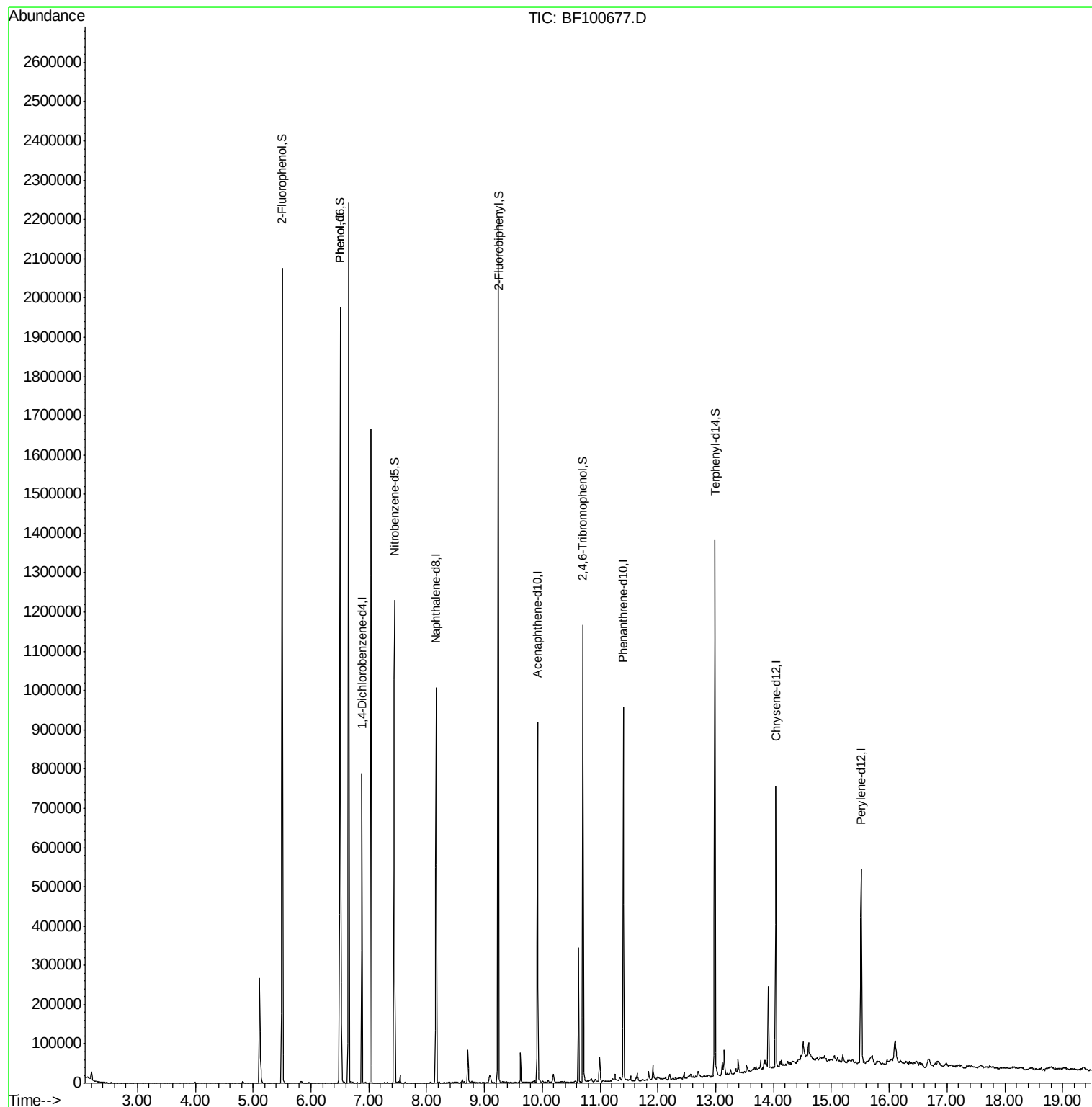
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111447	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	430615	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	191006	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	315849	20.00	ng	0.00
75) Chrysene-d12	14.04	240	230659	20.00	ng	0.00
86) Perylene-d12	15.52	264	232318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	599841	86.28	ng	0.01
7) Phenol-d6	6.51	99	723851	84.43	ng	0.00
23) Nitrobenzene-d5	7.45	82	398476	61.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	144801	74.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	699004	55.73	ng	0.00
78) Terphenyl-d14	12.99	244	436213	43.45	ng	0.00
Target Compounds						
10) Phenol	6.52	94	44380	4.931	ng	Qvalue 84

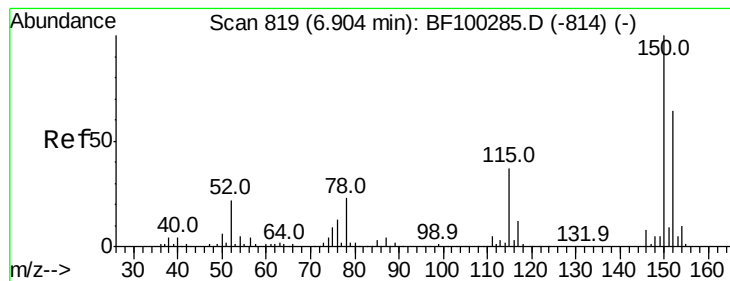
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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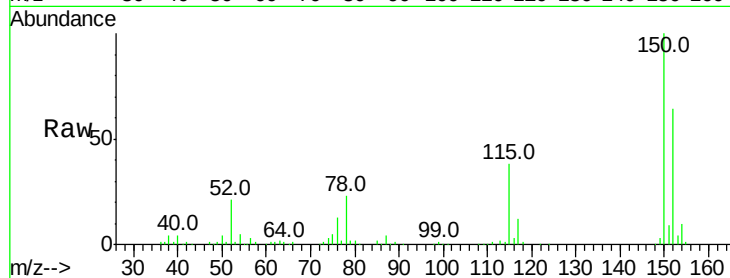


#1

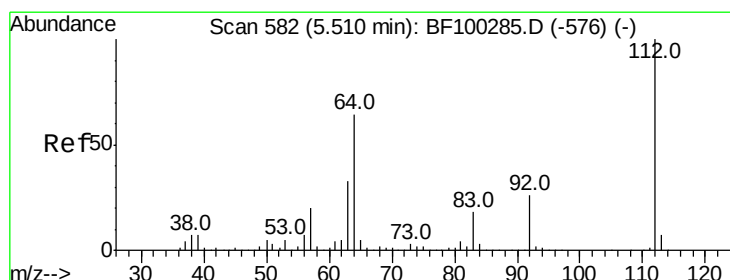
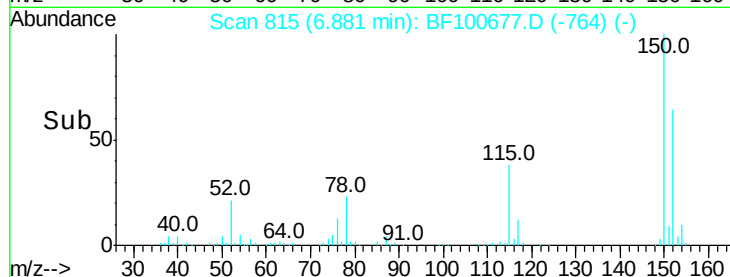
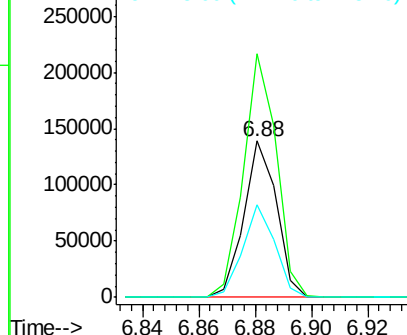
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 DC-1

Tot Ion:152 Resp: 111447
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 59.2 50.1 75.1



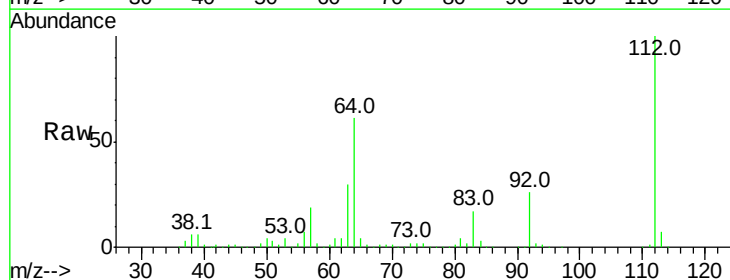
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



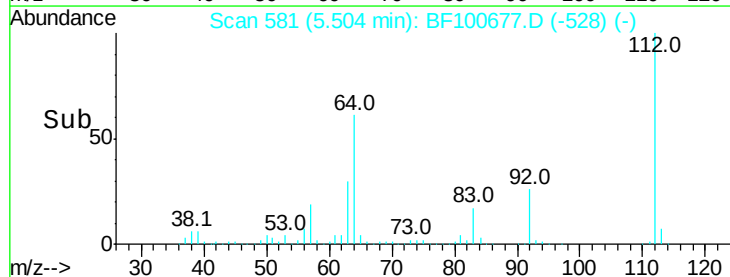
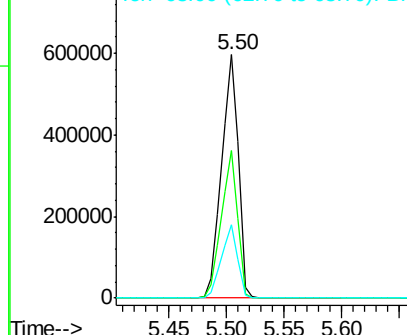
#5

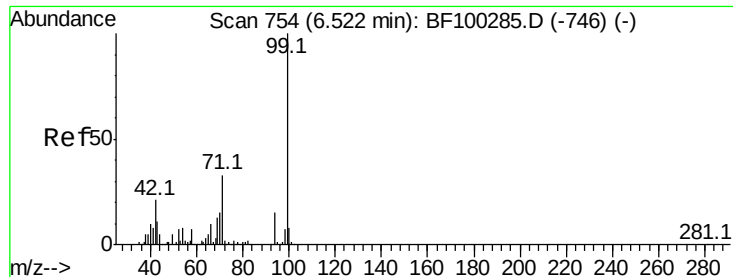
2-Fluorophenol
 Concen: 86.278 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion:112 Resp: 599841
 Ion Ratio Lower Upper
 112 100
 64 60.8 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: 84.431 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

Instrument :

BNA_F

ClientSampleId :

DC-1

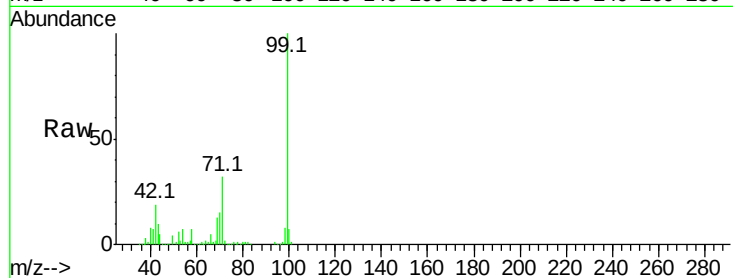
Tot Ion: 99 Resp: 723851

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

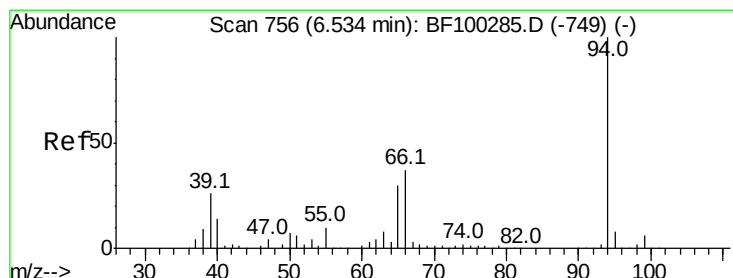
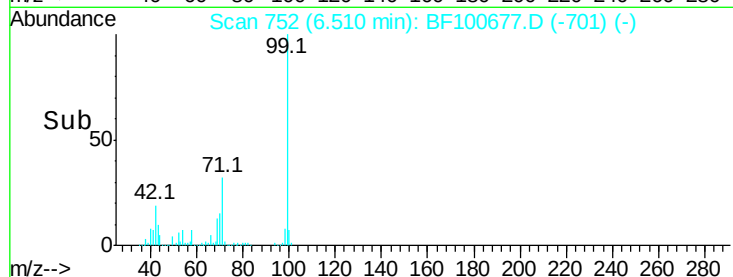
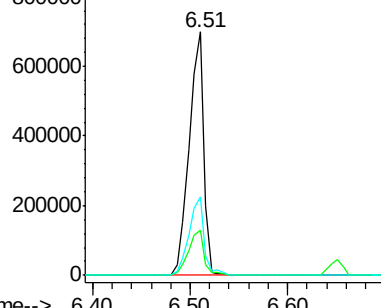
71 32.1 25.4 38.0



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



#10

Phenol

Concen: 4.931 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

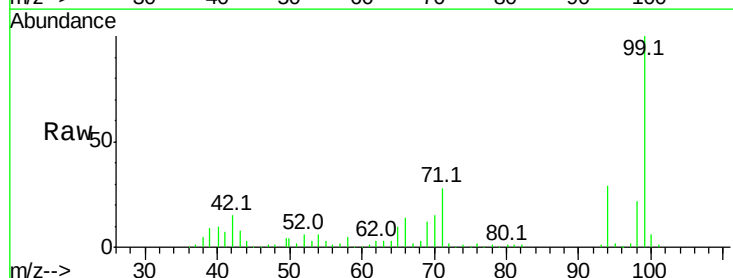
Tgt Ion: 94 Resp: 44380

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

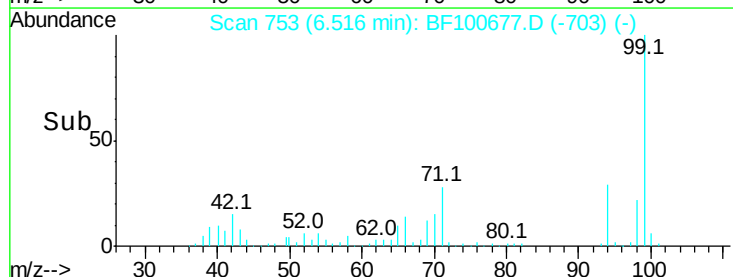
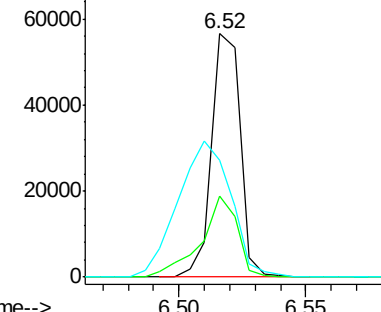
66 47.9 16.2 56.2

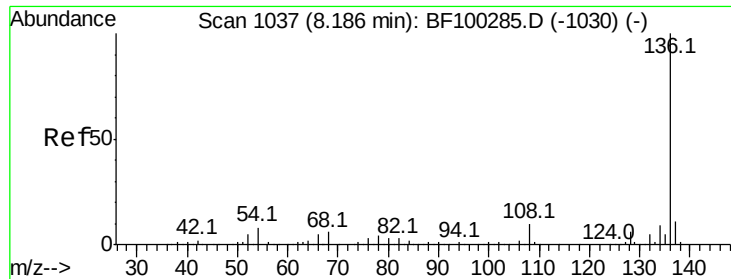


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

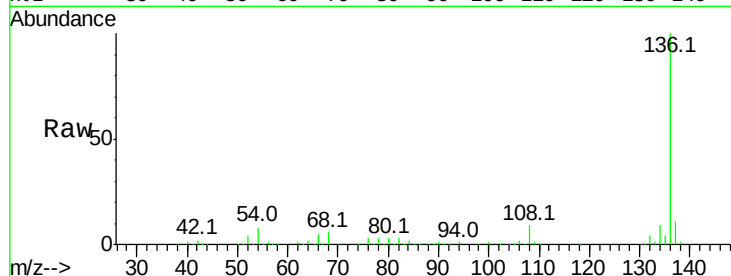




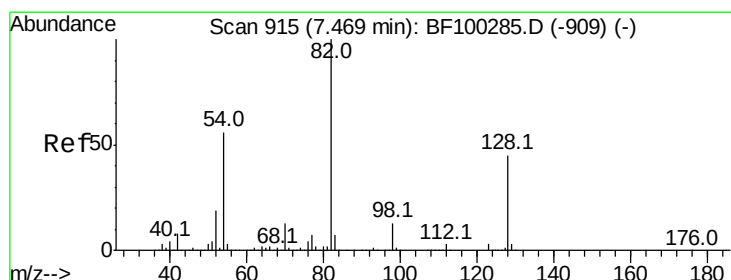
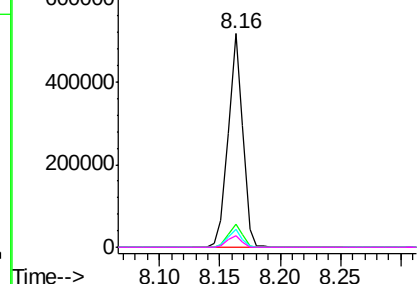
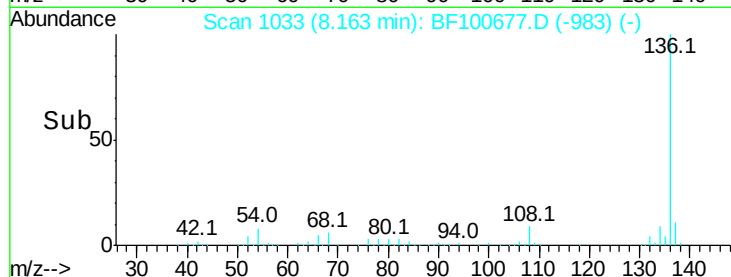
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100677.D
Acq: 17 Nov 2017 16:06

Instrument :
BNA_F
ClientSampleId :
DC-1

Tot Ion:	136	Resp:	430615
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	5.7	5.0	7.4

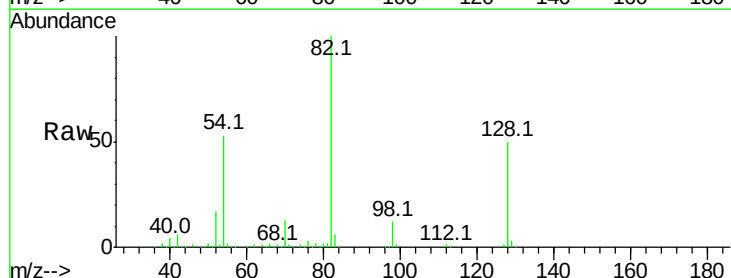


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

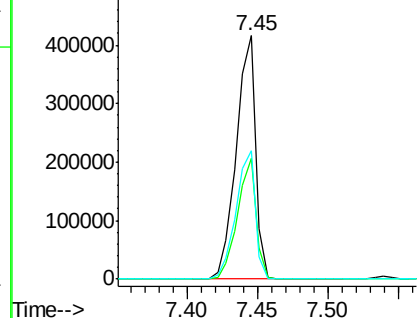
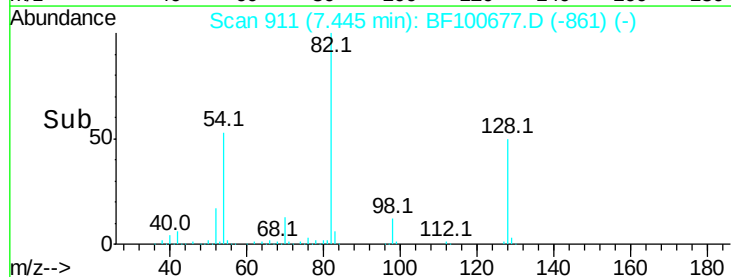


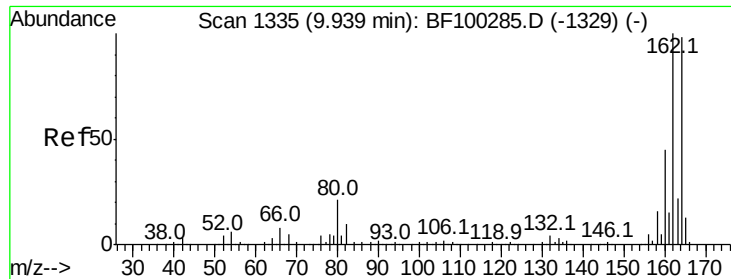
#23
Nitrobenzene-d5
Concen: 61.179 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100677.D
Acq: 17 Nov 2017 16:06

Tgt Ion:	82	Resp:	398476
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	52.8	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

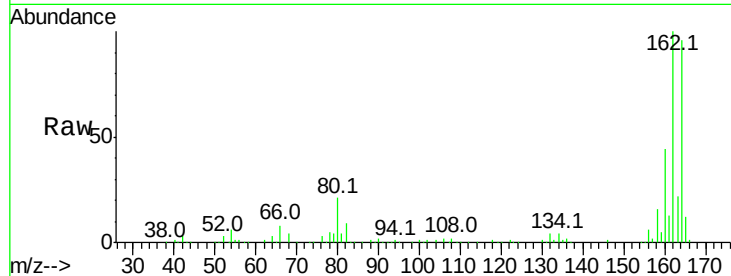




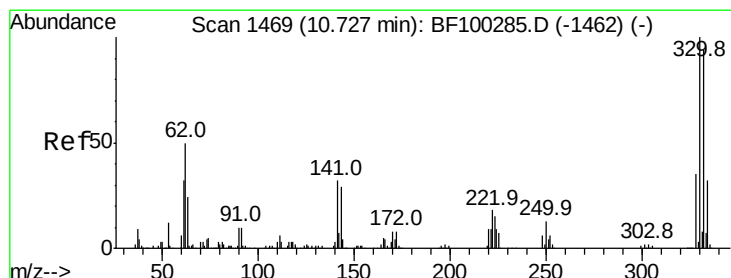
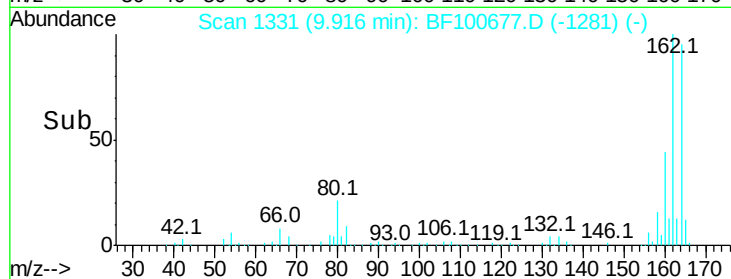
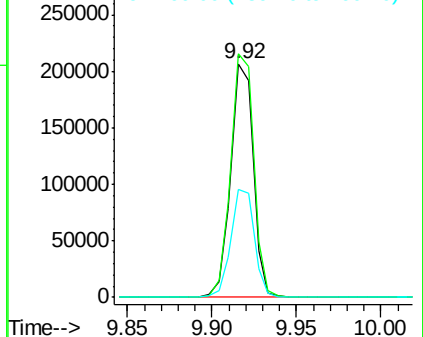
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 DC-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.1	38.3	57.5

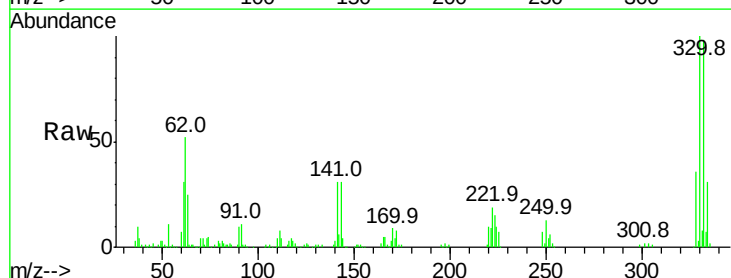


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

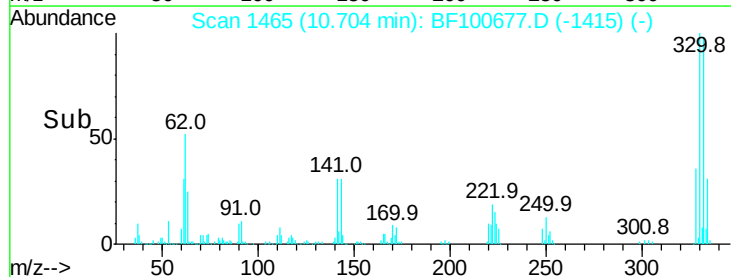
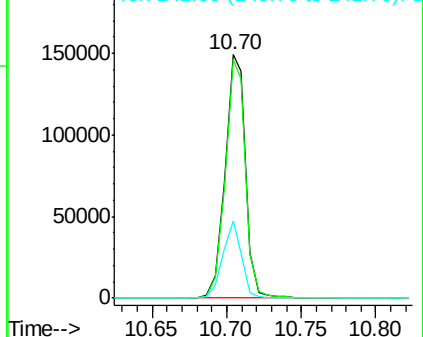


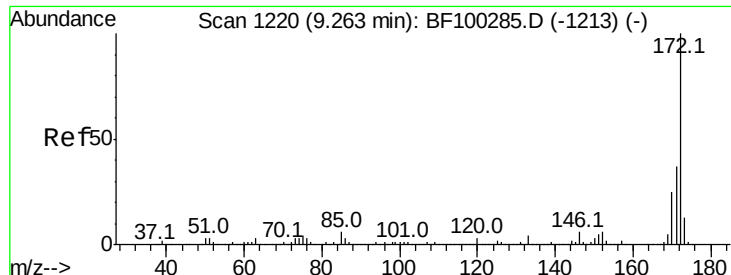
#41
 2,4,6-Tribromophenol
 Concen: 74.396 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	28.9	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

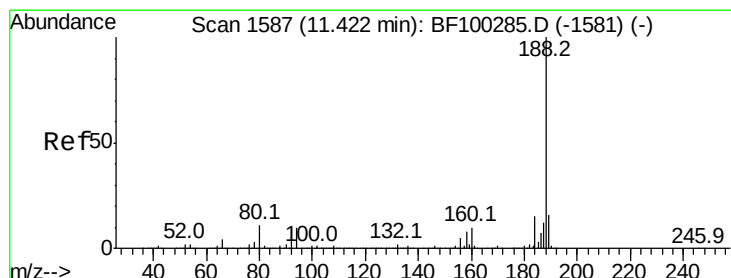
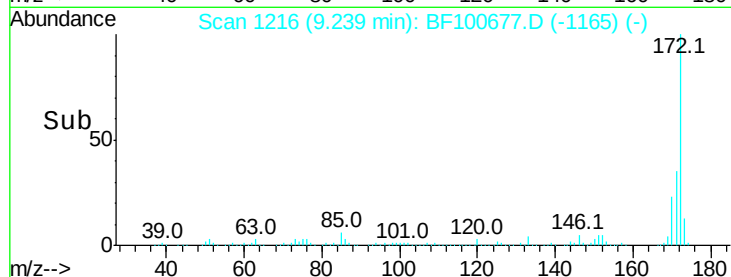
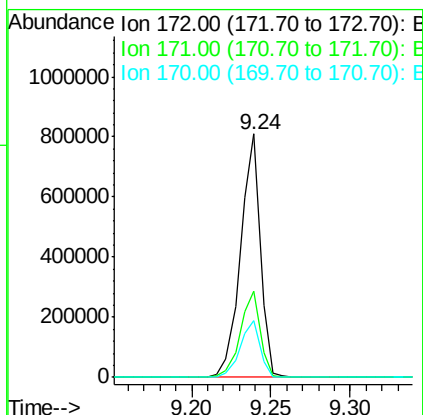
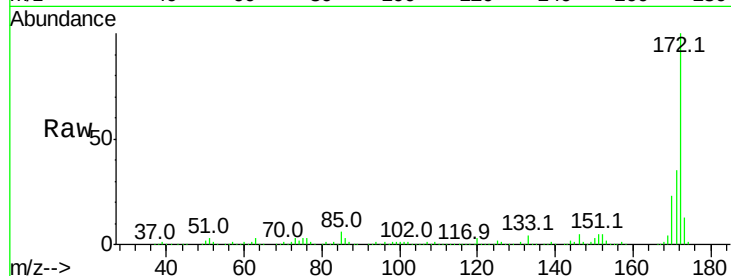




#44
 2-Fluorobiphenyl
 Concen: 55.725 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

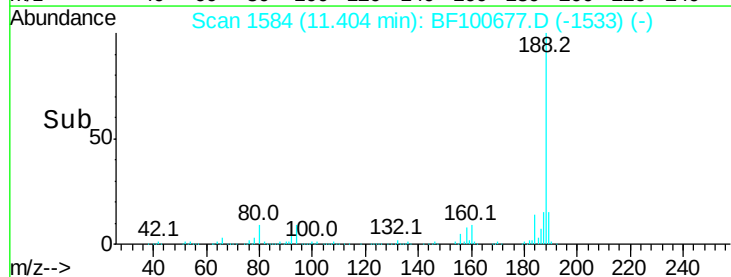
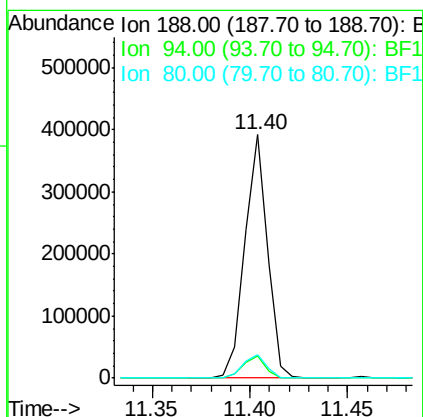
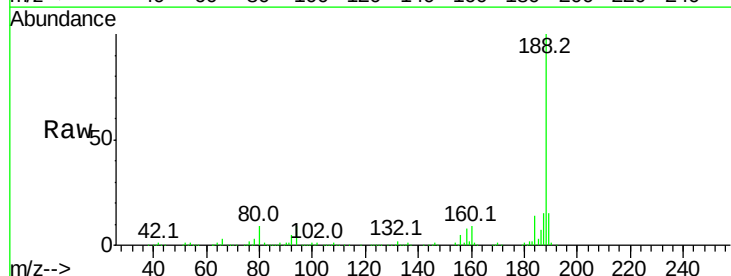
Instrument :
 BNA_F
 ClientSampled :
 DC-1

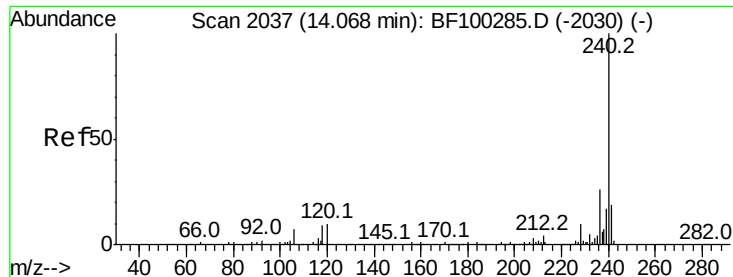
Tot Ion:172 Resp: 699004
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.3 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100677.D
 Acq: 17 Nov 2017 16:06

Tgt Ion:188 Resp: 315849
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.5 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: BF100677.D

Acq: 17 Nov 2017 16:06

Instrument :

BNA_F

ClientSampleId :

DC-1

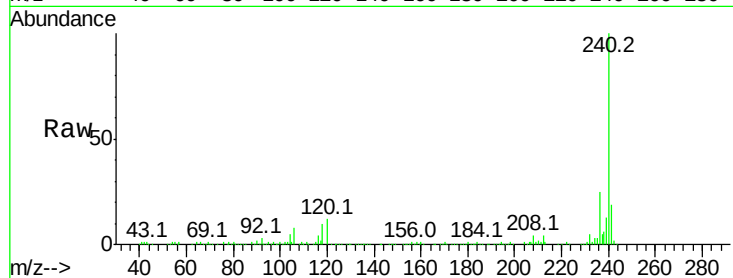
Tot Ion:240 Resp: 230659

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

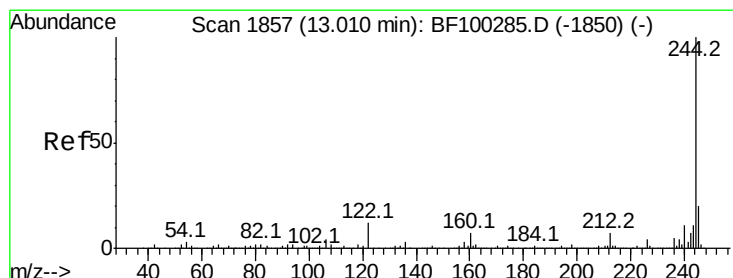
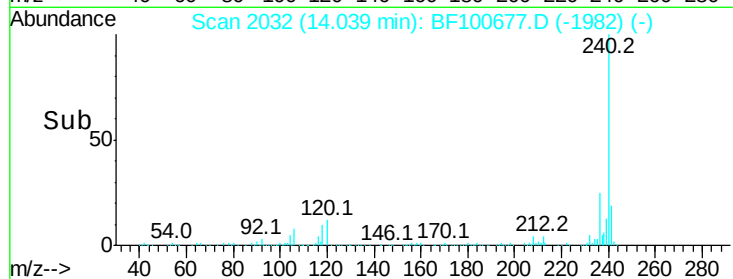
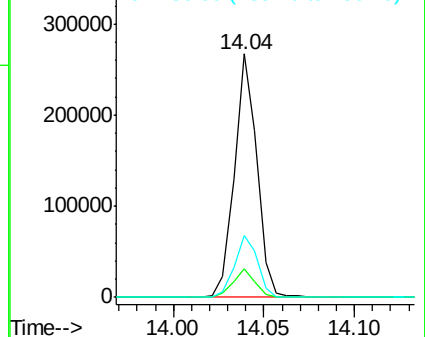
236 25.3 20.7 31.1



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: 43.453 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100677.D

Acq: 17 Nov 2017 16:06

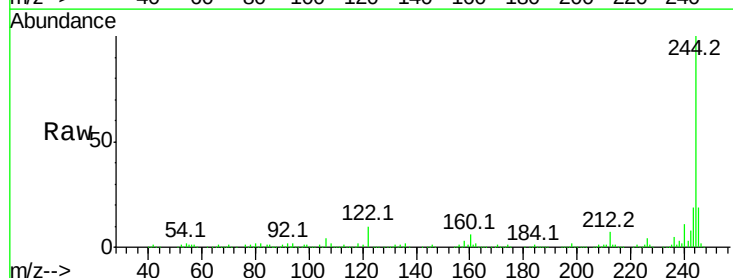
Tgt Ion:244 Resp: 436213

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

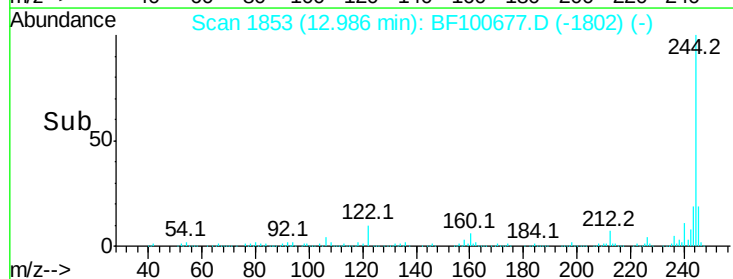
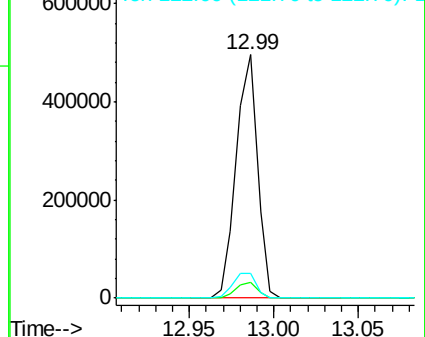
122 10.1 11.0 16.4#

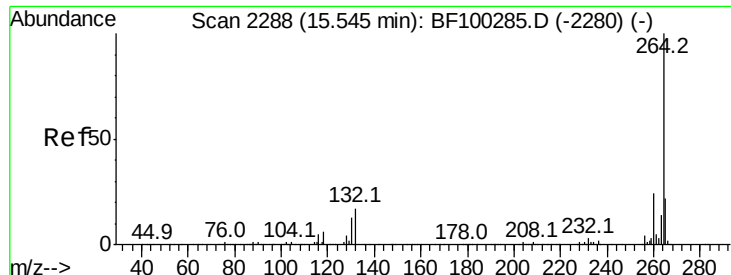


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100677.D
Acq: 17 Nov 2017 16:06

Instrument :
BNA_F
ClientSampleId :
DC-1

Tot Ion:264 Resp: 232318
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 20.4 17.5 26.3

