

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100678.D
 Acq On : 17 Nov 2017 16:37
 Operator : SJ/JU
 Sample : I6476-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-RIGHT

Quant Time: Nov 17 17:10:04 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	93267	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	376109	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	174237	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	293575	20.00	ng	0.00
75) Chrysene-d12	14.04	240	211845	20.00	ng	0.00
86) Perylene-d12	15.52	264	204320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	574883	98.81	ng	0.00
7) Phenol-d6	6.51	99	707160	98.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	341285	59.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	156374	88.07	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	706186	61.72	ng	0.00
78) Terphenyl-d14	12.99	244	508095	55.11	ng	0.00

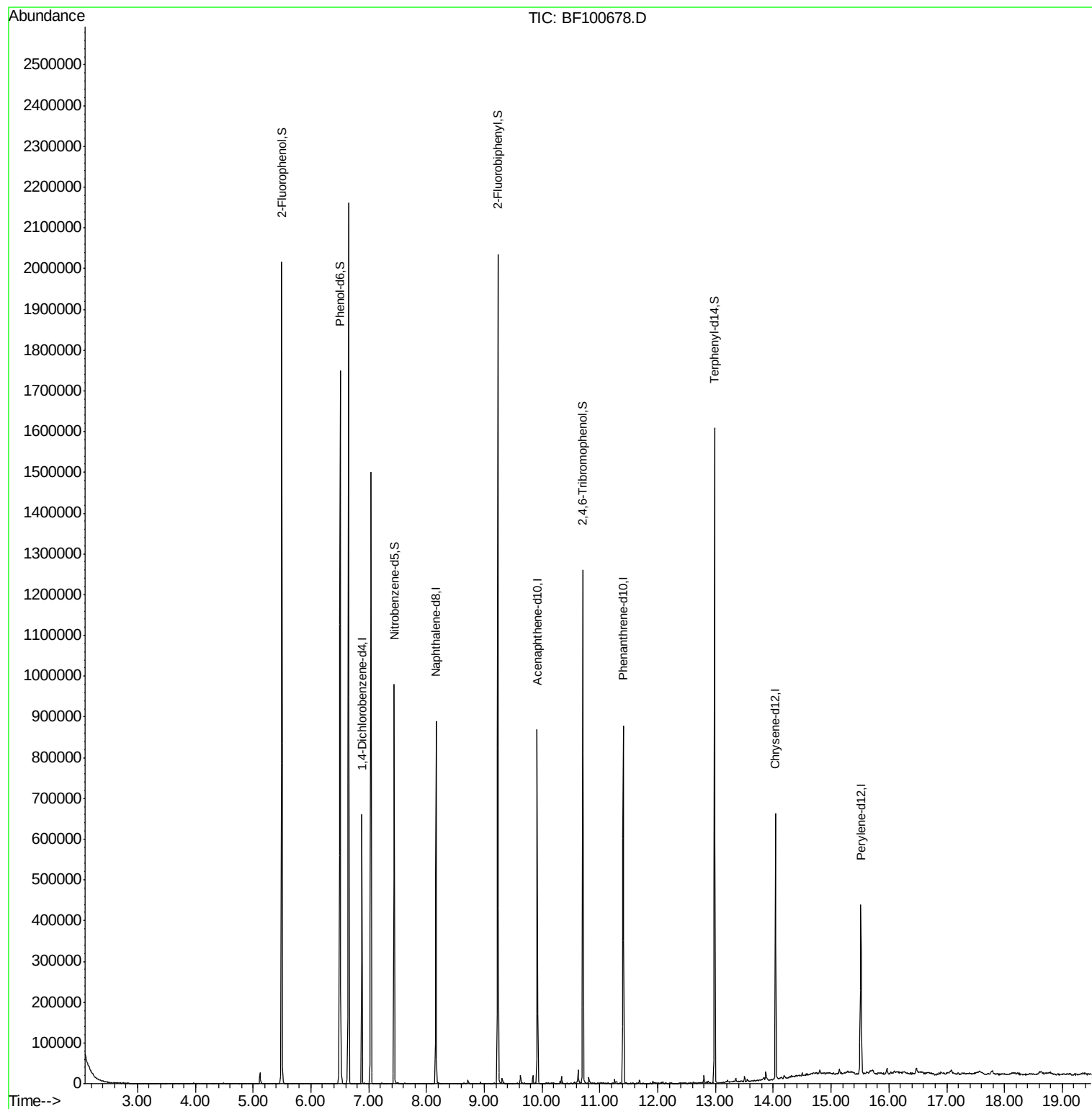
Target Compounds Qvalue

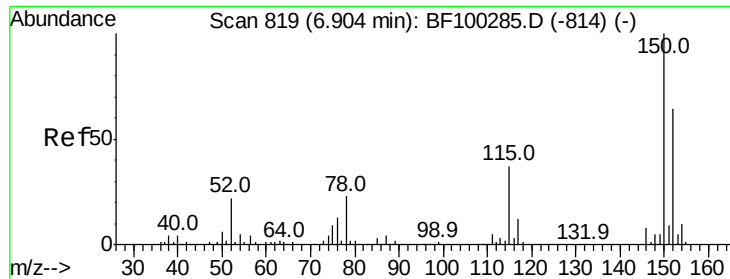
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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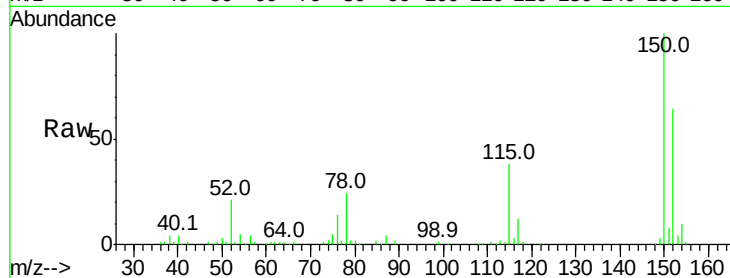


#1

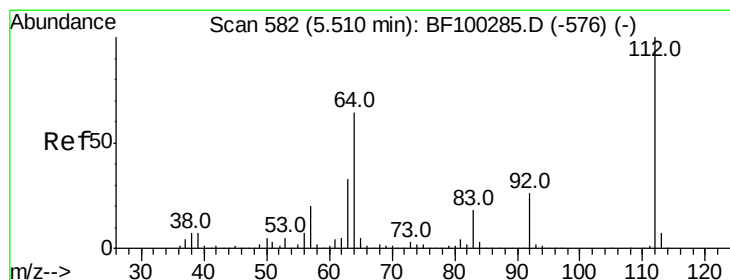
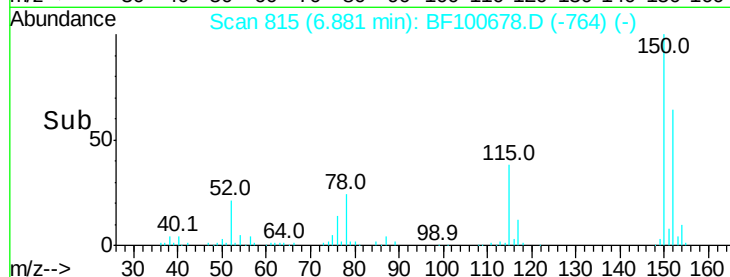
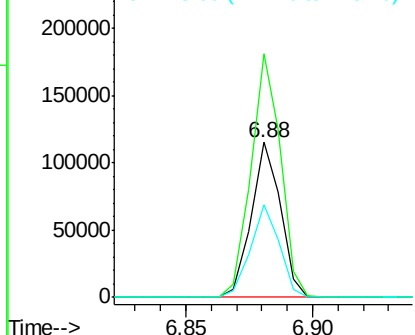
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100678.D
Acq: 17 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SP-1-RIGHT

Tot Ion:152 Resp: 93267
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 59.6 50.1 75.1



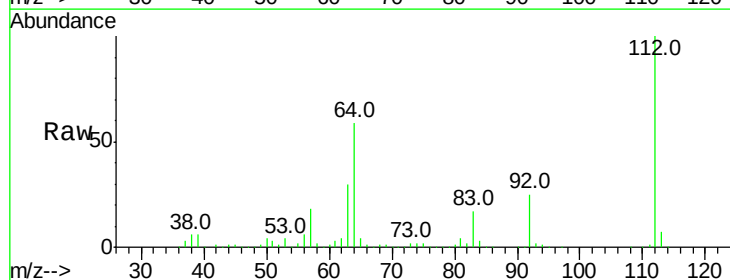
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



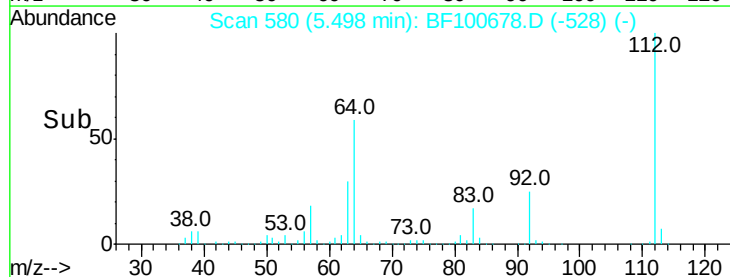
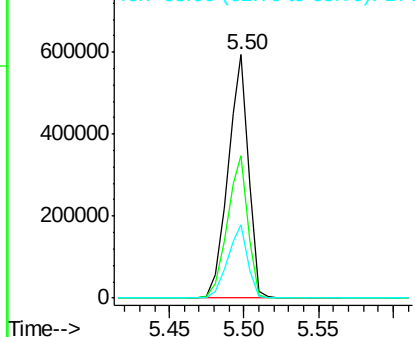
#5

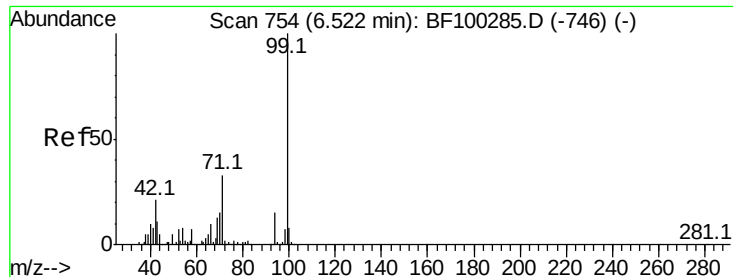
2-Fluorophenol
Concen: 98.806 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100678.D
Acq: 17 Nov 2017 16:37

Tgt Ion:112 Resp: 574883
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.9 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: 98.562 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100678.D

Acq: 17 Nov 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SP-1-RIGHT

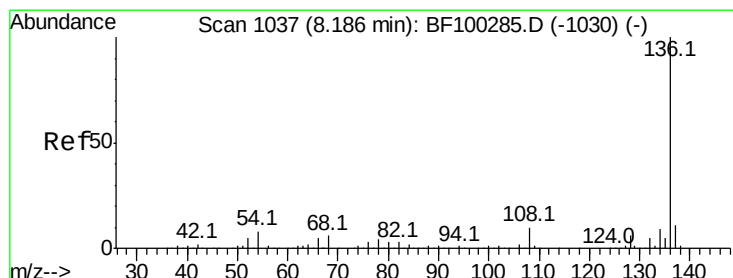
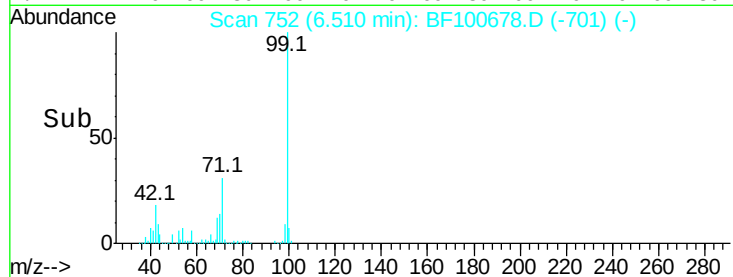
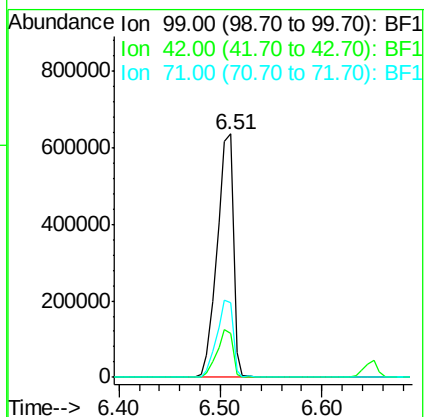
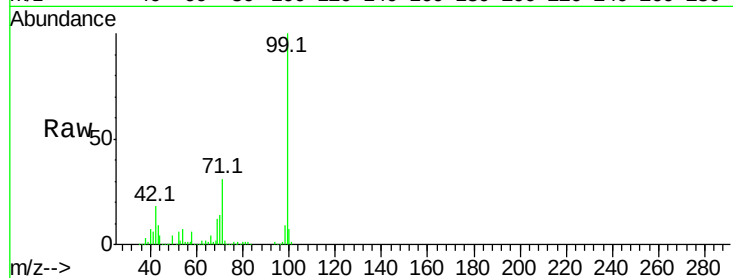
Tot Ion: 99 Resp: 707160

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 30.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100678.D

Acq: 17 Nov 2017 16:37

Tgt Ion: 136 Resp: 376109

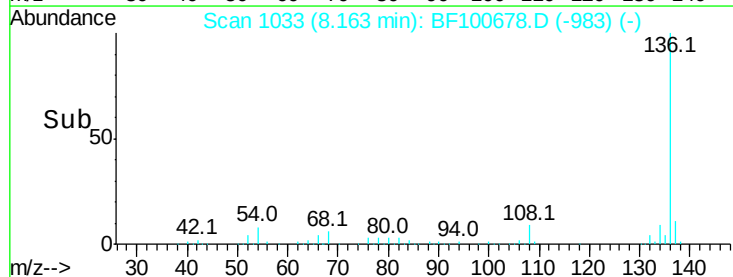
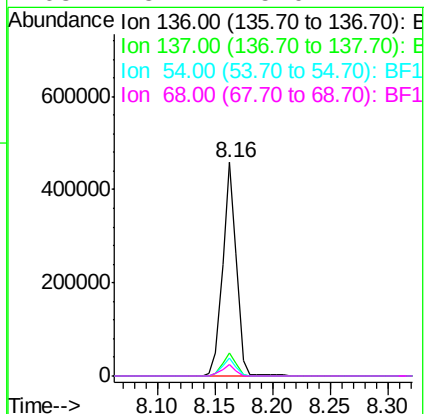
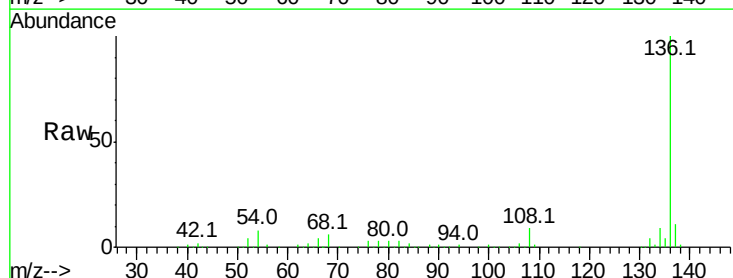
Ion Ratio Lower Upper

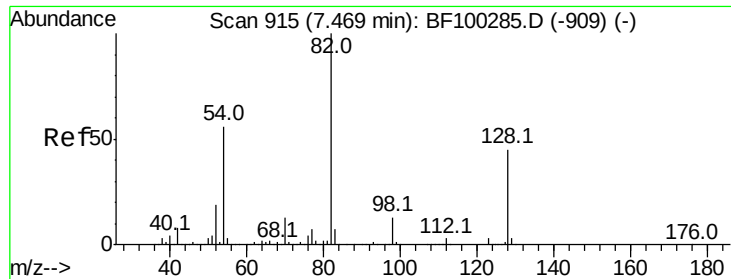
136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 5.7 5.0 7.4

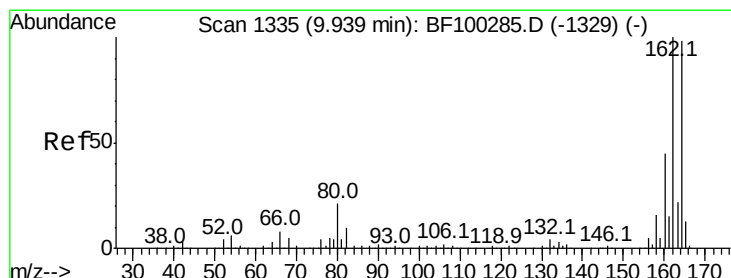
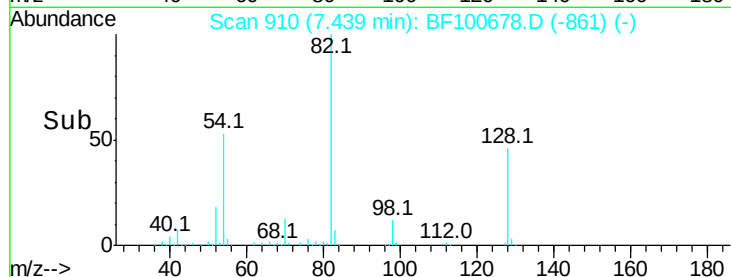
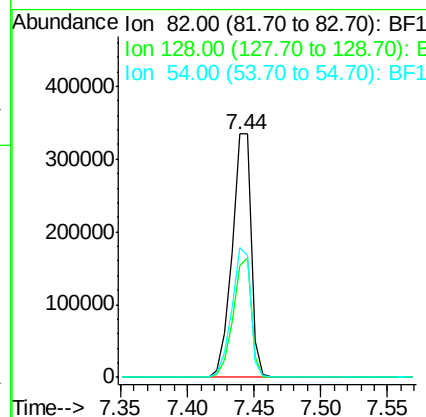
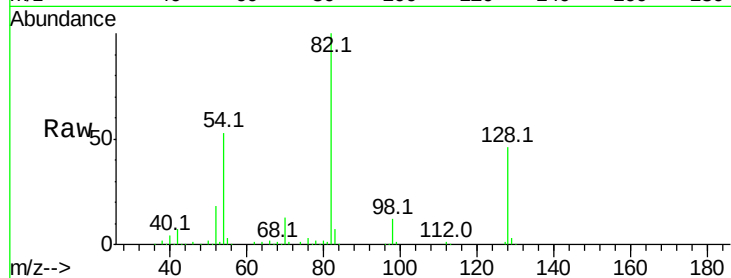




#23
 Nitrobenzene-d5
 Concen: 59.992 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100678.D
 Acq: 17 Nov 2017 16:37

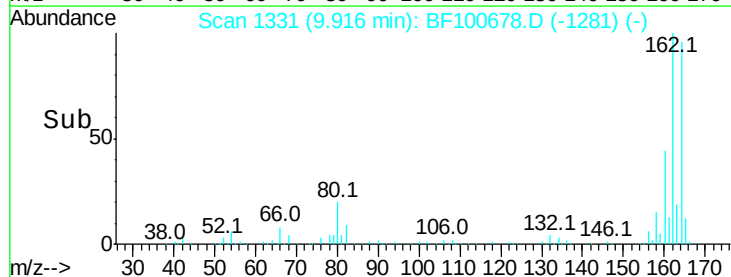
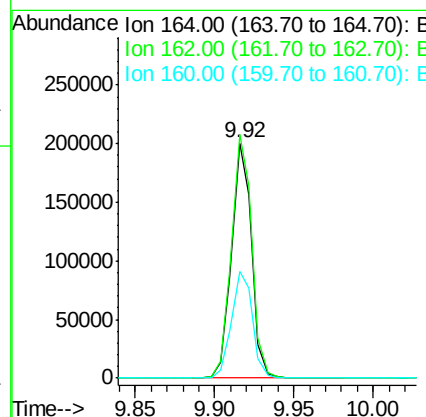
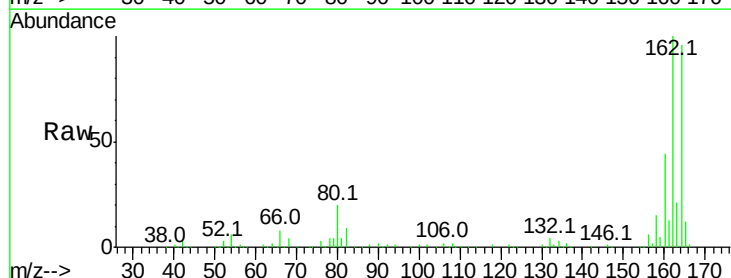
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-RIGHT

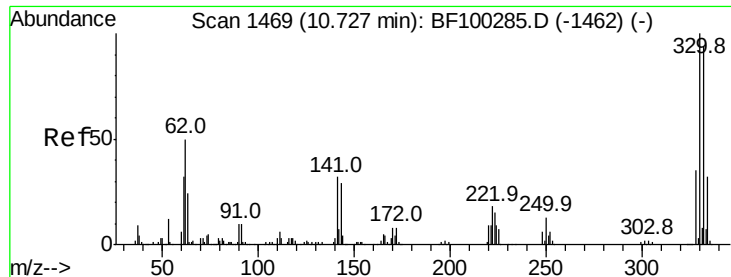
Tot Ion	82	Resp	341285
Ion Ratio	100	Lower	Upper
128	45.8	36.1	54.1
54	53.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100678.D
 Acq: 17 Nov 2017 16:37

Tgt Ion	164	Resp	174237
Ion Ratio	100	Lower	Upper
162	103.7	86.1	129.1
160	45.6	38.3	57.5

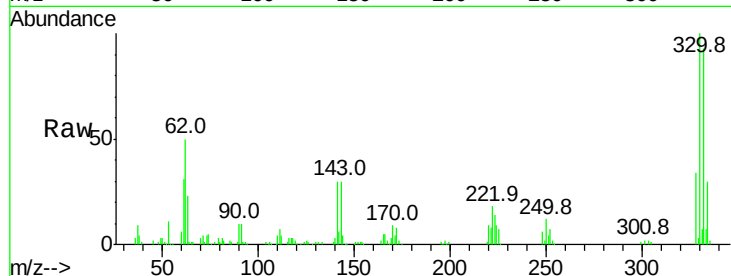




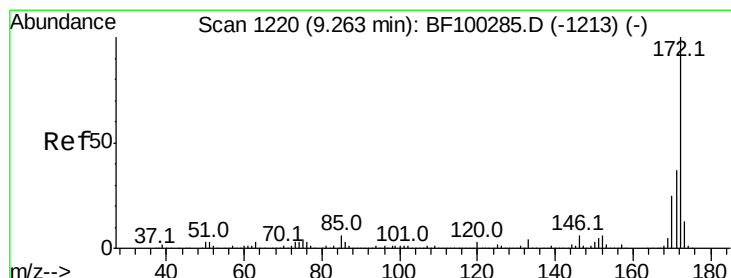
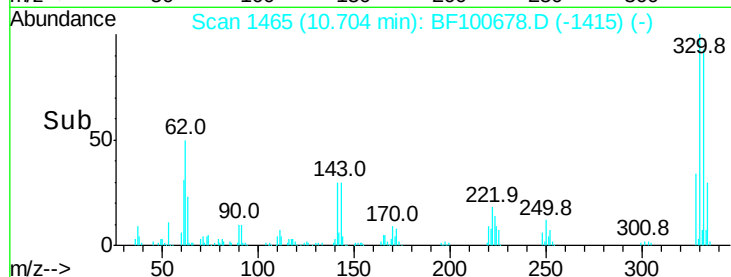
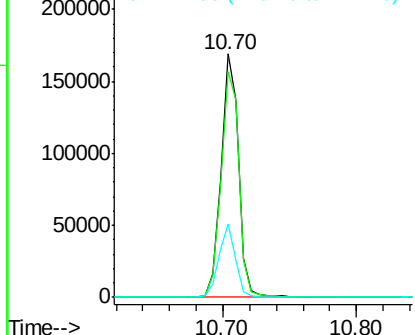
#41
 2,4,6-Tribromophenol
 Concen: 88.074 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100678.D
 Acq: 17 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-RIGHT

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	28.2	29.9	44.9#

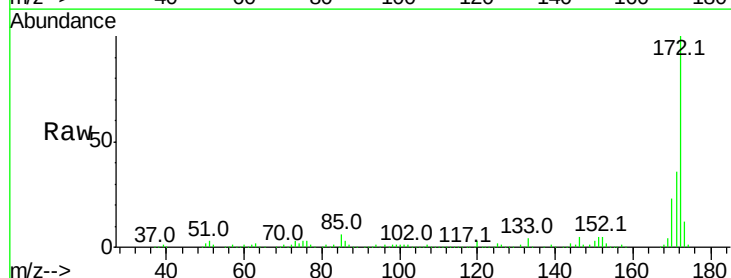


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

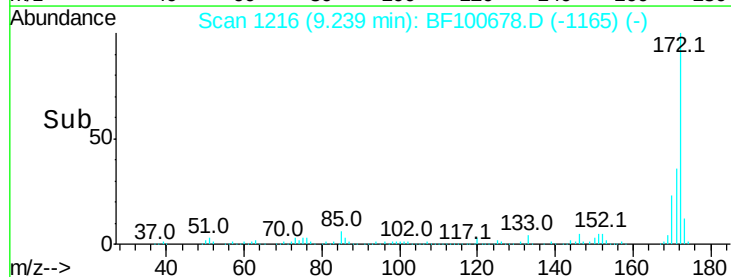
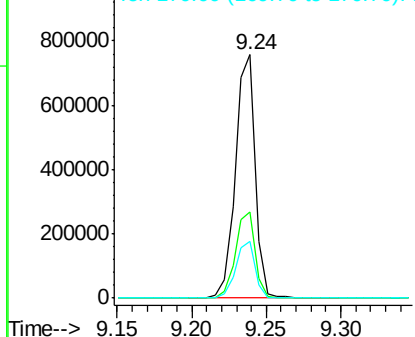


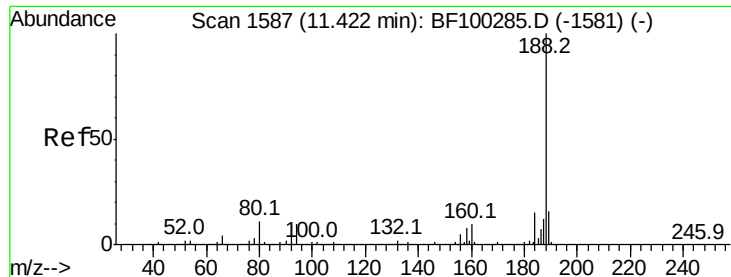
#44
 2-Fluorobiphenyl
 Concen: 61.716 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100678.D
 Acq: 17 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.3	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

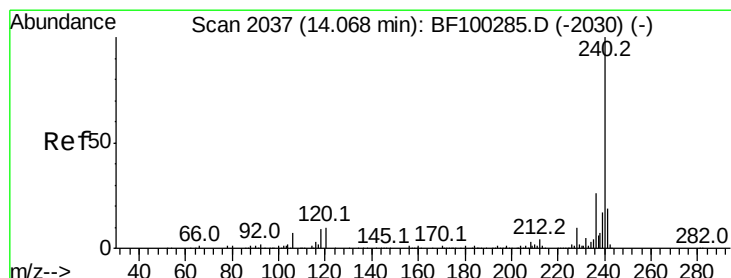
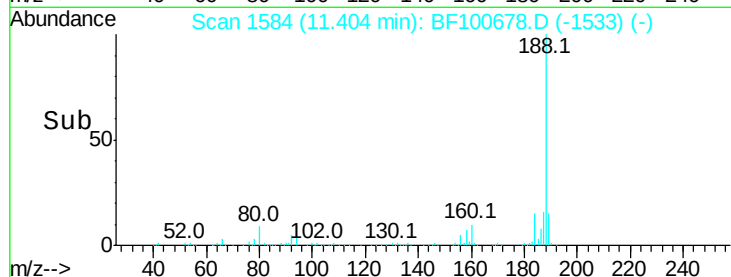
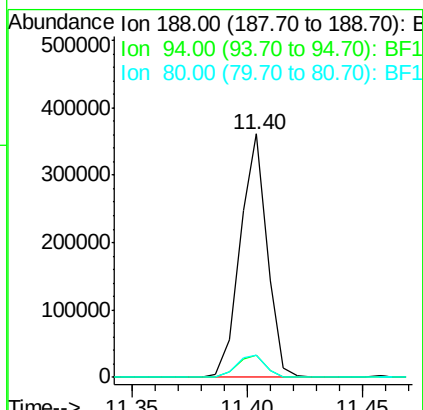
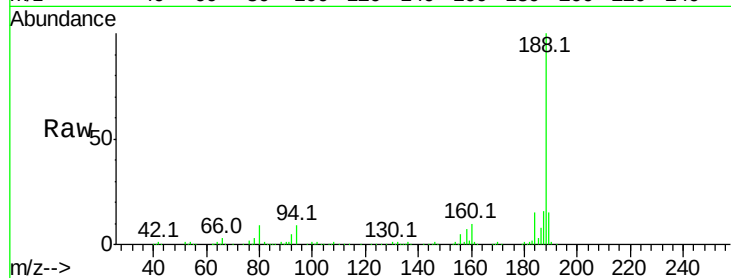




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100678.D
Acq: 17 Nov 2017 16:37

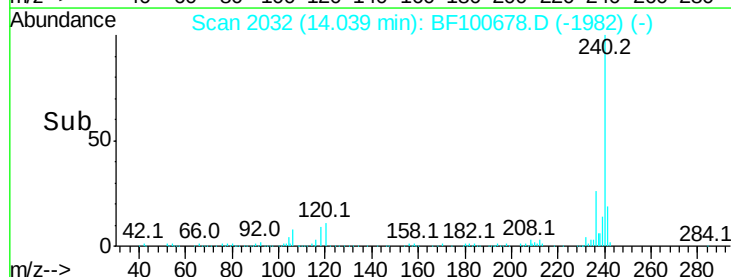
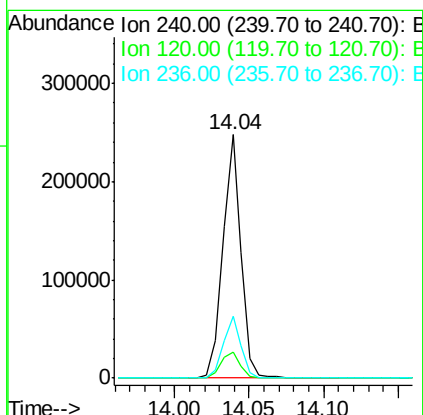
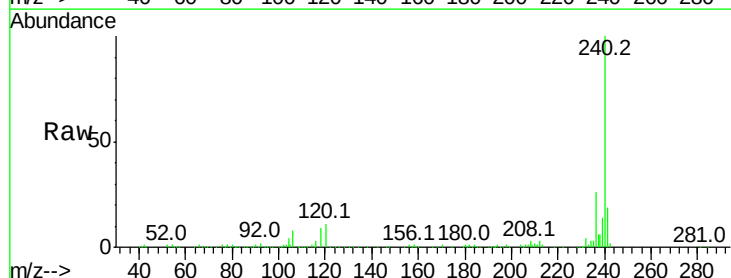
Instrument :
BNA_F
ClientSampleId :
SP-1-RIGHT

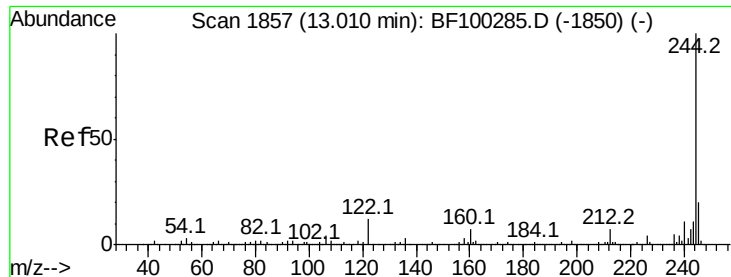
Tot Ion:188 Resp: 293575
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100678.D
Acq: 17 Nov 2017 16:37

Tgt Ion:240 Resp: 211845
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 55.109 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100678.D

Acq: 17 Nov 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SP-1-RIGHT

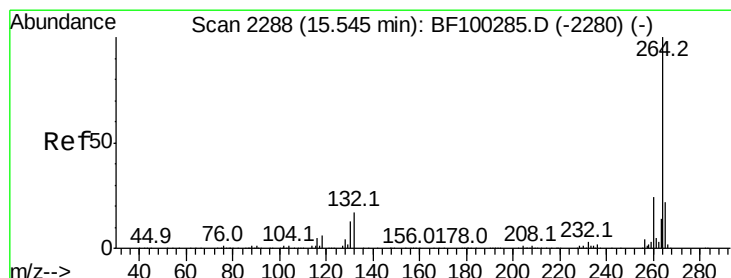
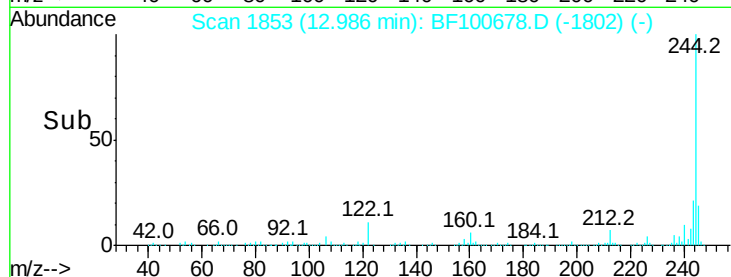
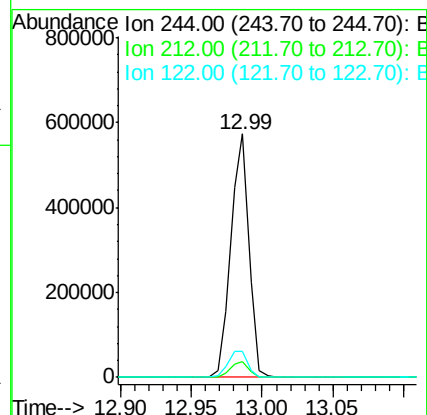
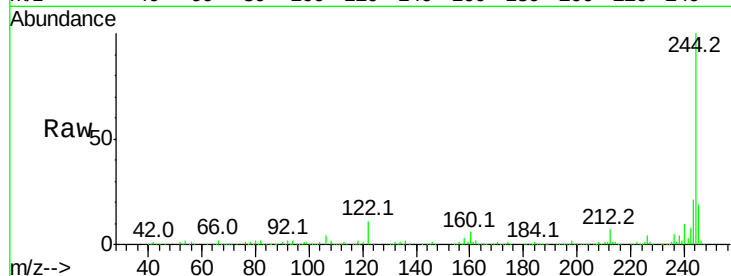
Tot Ion:244 Resp: 508095

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.7 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100678.D

Acq: 17 Nov 2017 16:37

Tgt Ion:264 Resp: 204320

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.6 17.5 26.3

