

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102299.D
 Acq On : 22 Jan 2018 15:09
 Operator : SJ/JU
 Sample : PB105837BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BL

Quant Time: Jan 23 00:52:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	133248	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	565776	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262500	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	481262	20.00	ng	0.00
75) Chrysene-d12	13.87	240	469134	20.00	ng	0.00
86) Perylene-d12	15.29	264	450407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	988785	112.52	ng	0.00
7) Phenol-d6	6.36	99	1158339	109.33	ng	0.00
23) Nitrobenzene-d5	7.28	82	736501	74.81	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	283610	109.04	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1365942	76.51	ng	0.00
78) Terphenyl-d14	12.82	244	1440881	69.24	ng	0.00

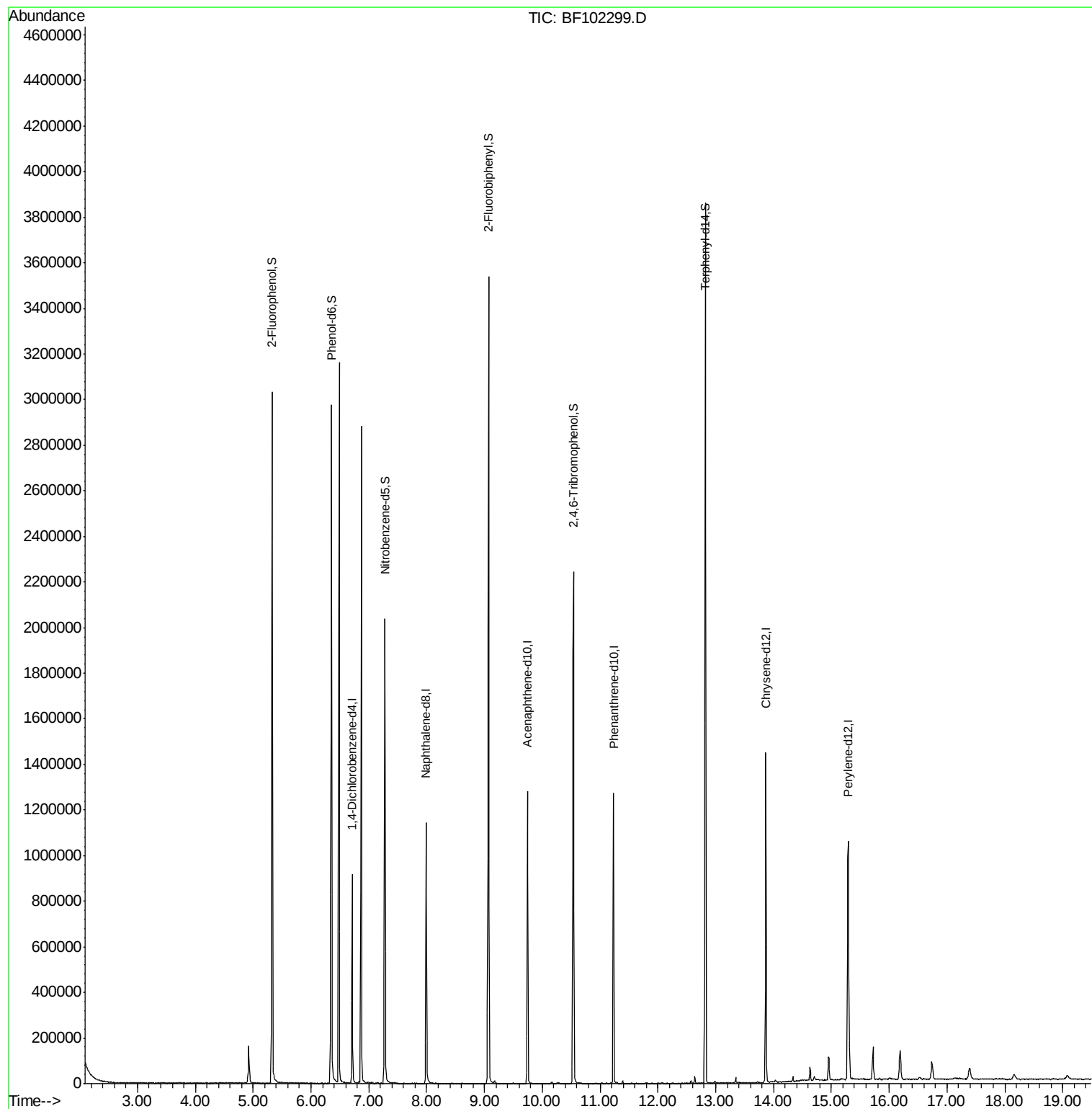
Target Compounds Qvalue

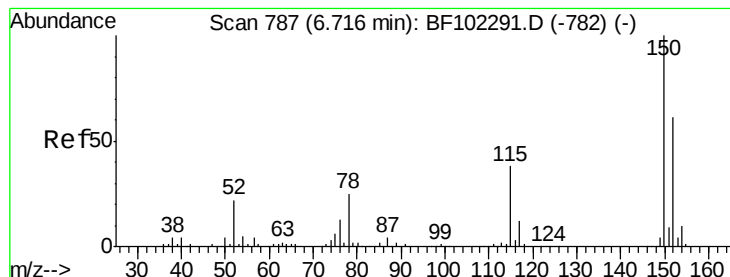
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

Instrument :

BNA_F

ClientSampleId :

PB105837BL

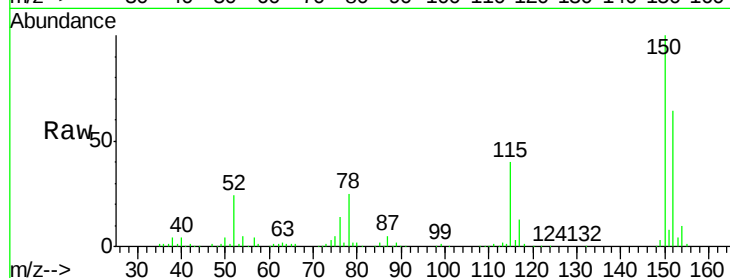
Tot Ion:152 Resp: 133248

Ion Ratio Lower Upper

152 100

150 156.9 124.6 186.8

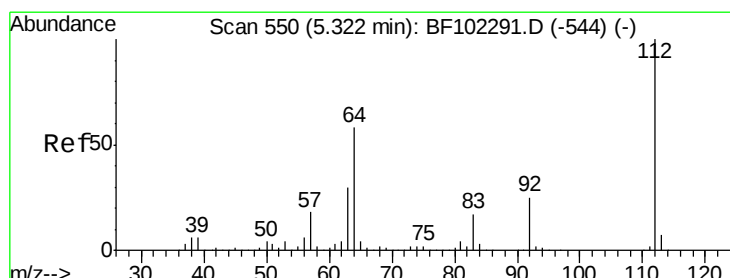
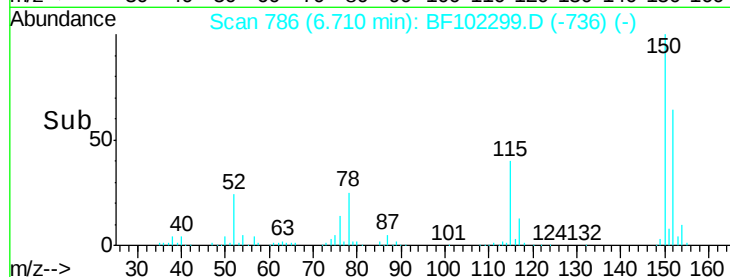
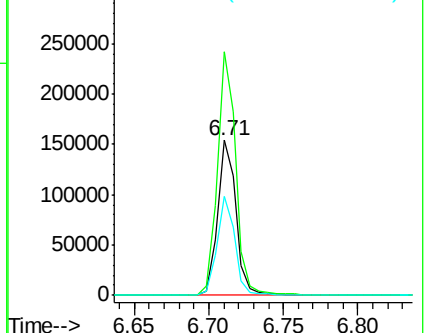
115 63.4 50.1 75.1



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: 112.516 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

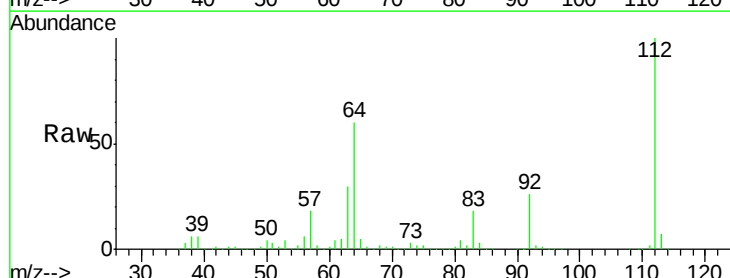
Tgt Ion:112 Resp: 988785

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

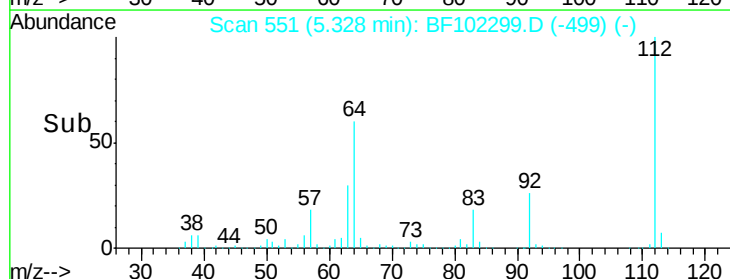
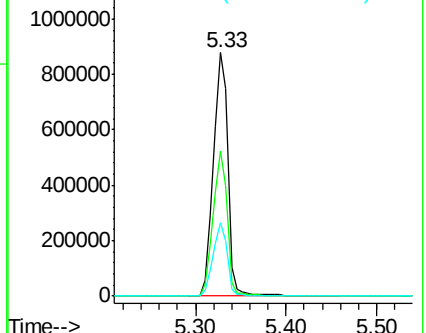
63 30.4 23.7 35.5

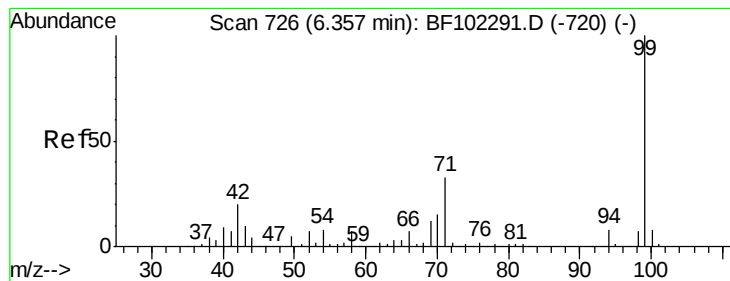


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.332 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

Instrument :

BNA_F

ClientSampled :

PB105837BL

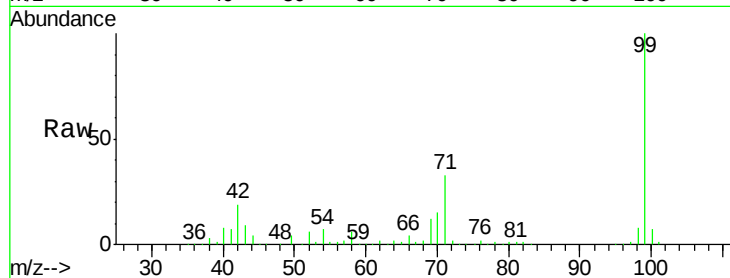
Tot Ion: 99 Resp: 1158339

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

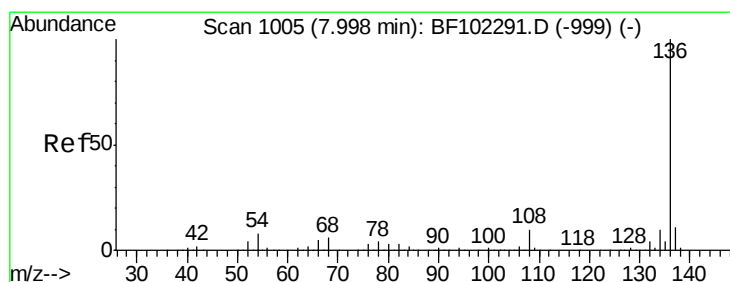
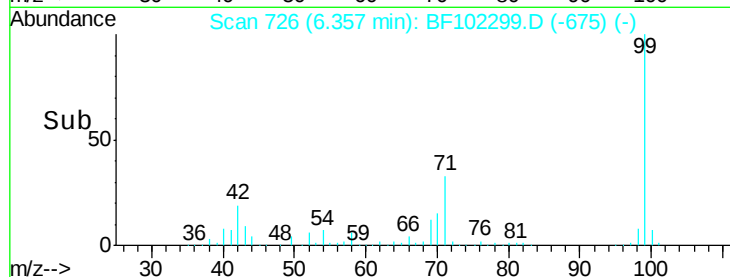
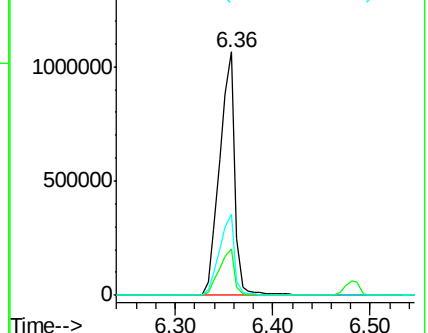
71 33.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102299.D

Acq: 22 Jan 2018 15:09

Tgt Ion: 136 Resp: 565776

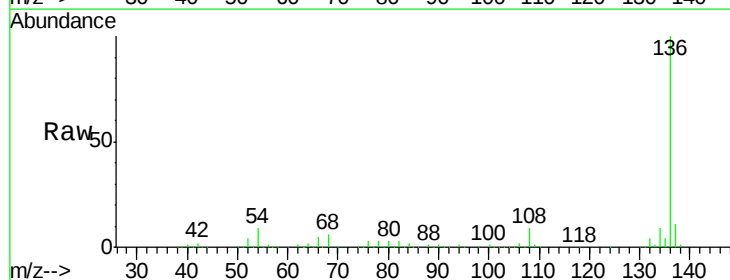
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.5 6.6 9.8

68 5.9 5.0 7.4

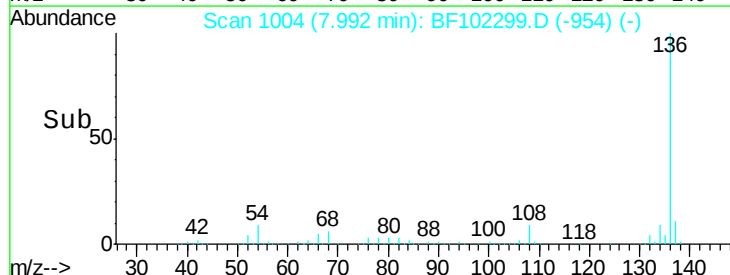
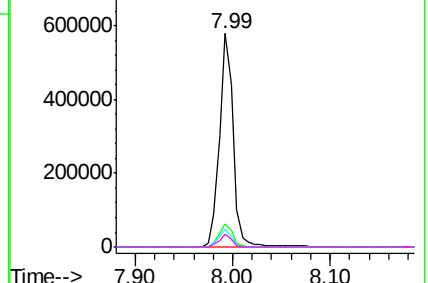


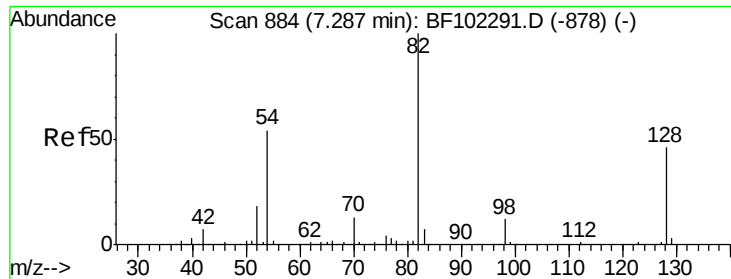
Abundance Ion 136.00 (135.70 to 136.70): E

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

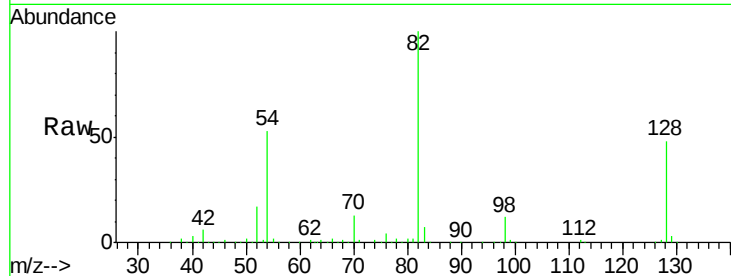




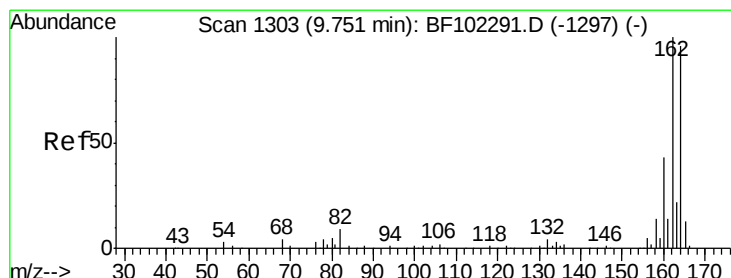
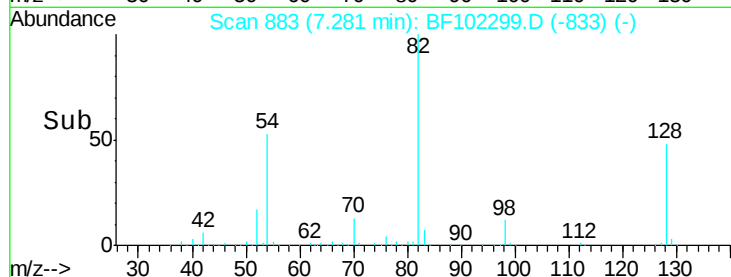
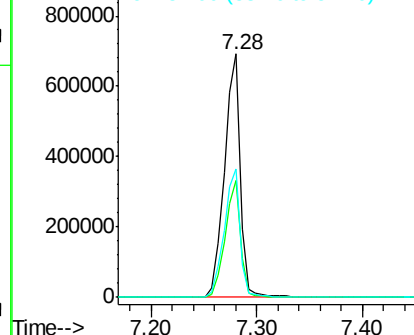
#23
 Nitrobenzene-d5
 Concen: 74.808 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Instrument :
 BNA_F
 ClientSampled :
 PB105837BL

Tot Ion: 82 Resp: 736501
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 52.7 41.4 62.2

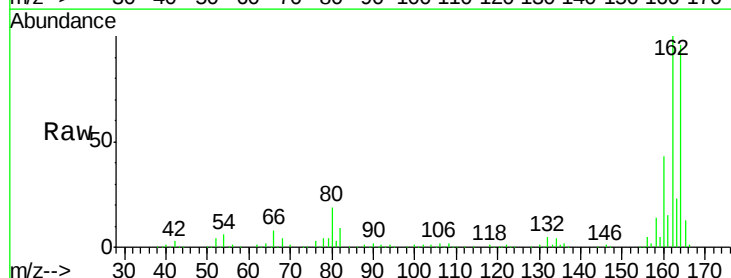


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

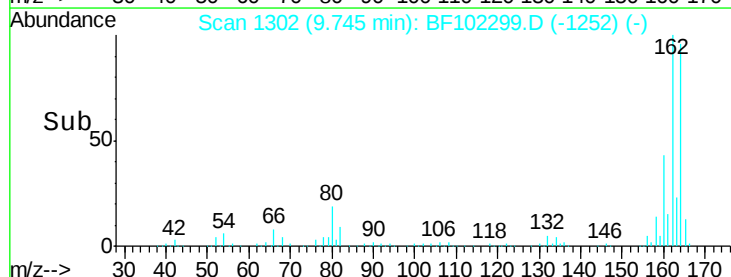
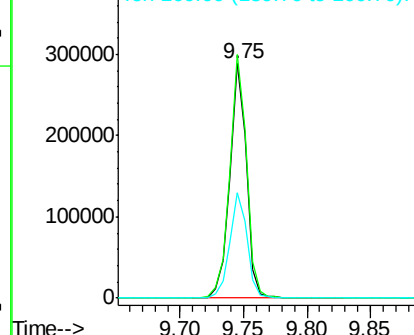


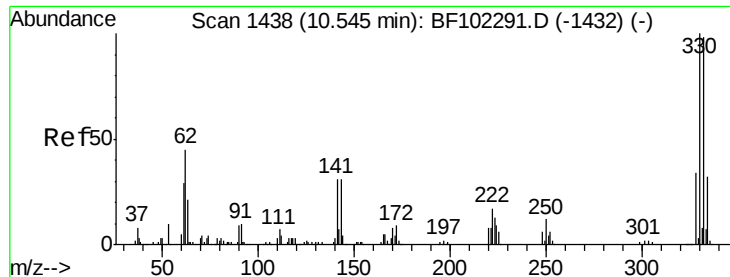
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion: 164 Resp: 262500
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.8 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

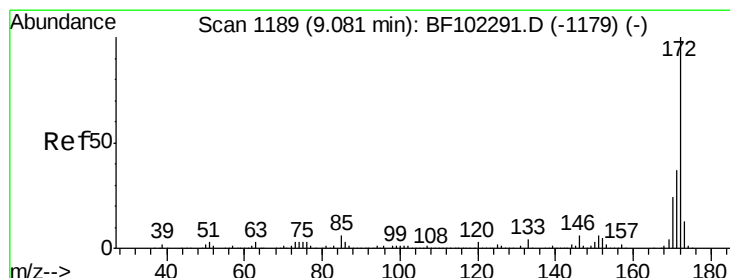
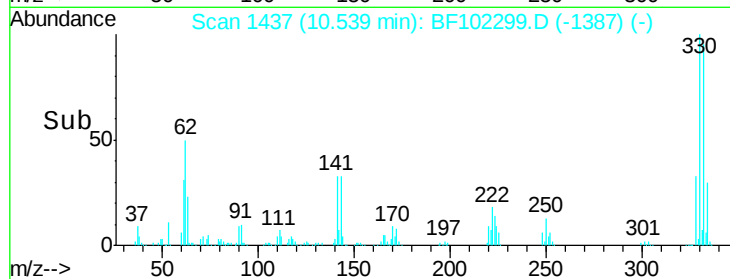
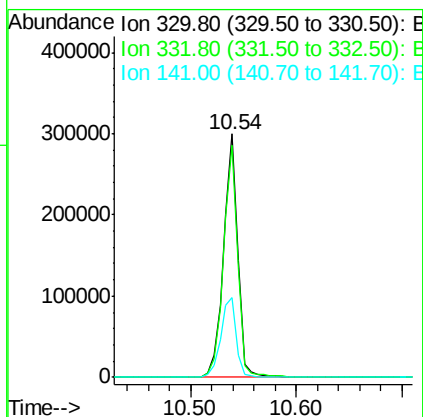
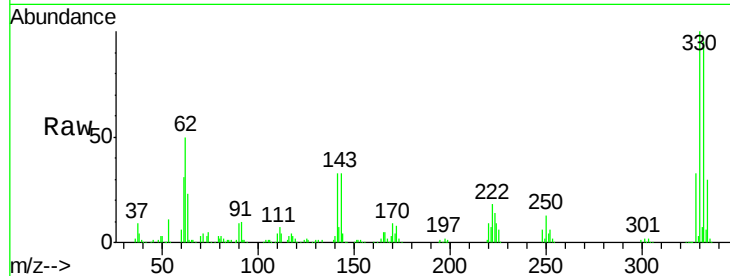




#41
 2,4,6-Tribromophenol
 Concen: 109.039 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

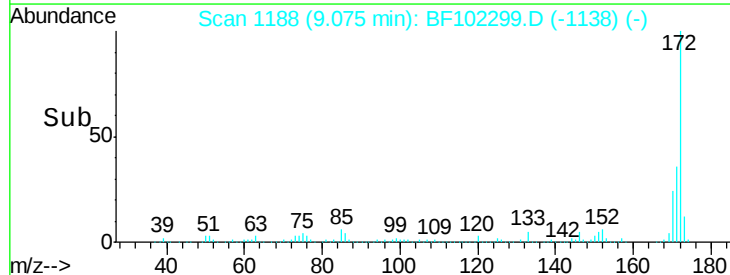
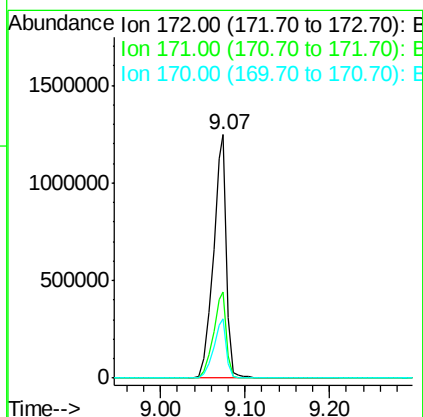
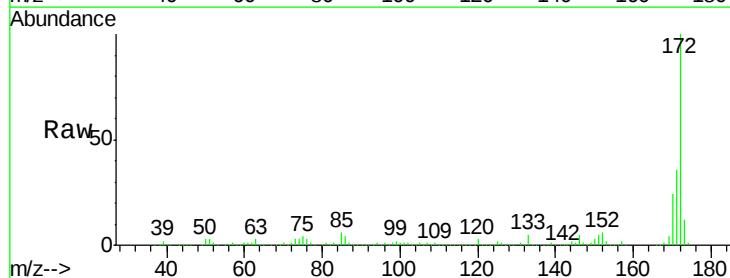
Instrument :
 BNA_F
 ClientSampleId :
 PB105837BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 76.511 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.3	19.6	29.4

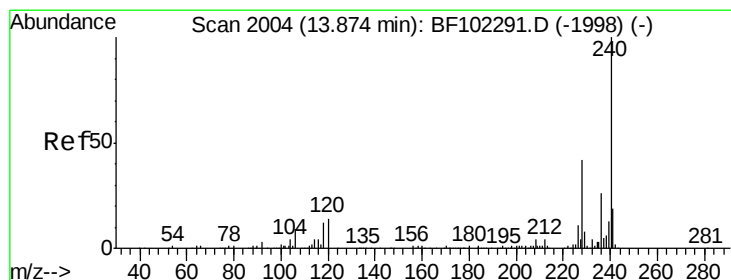
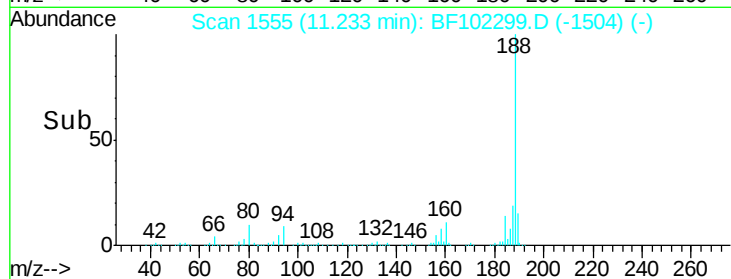
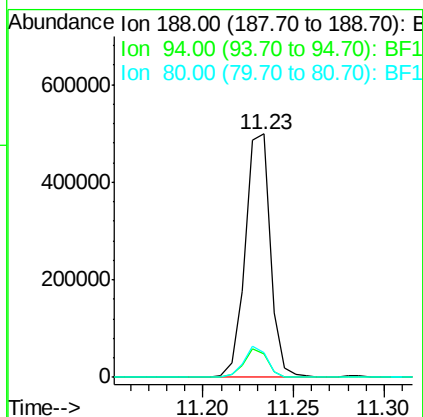
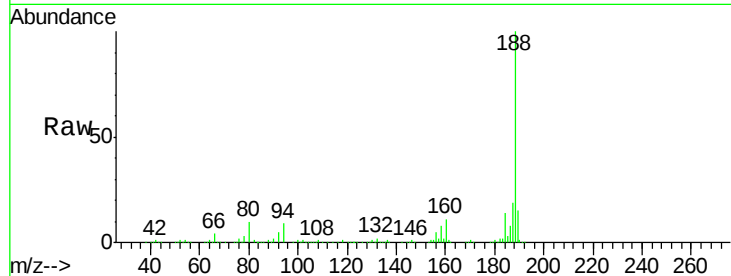




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102299.D
Acq: 22 Jan 2018 15:09

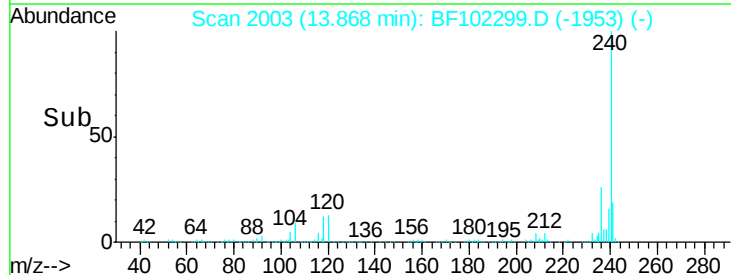
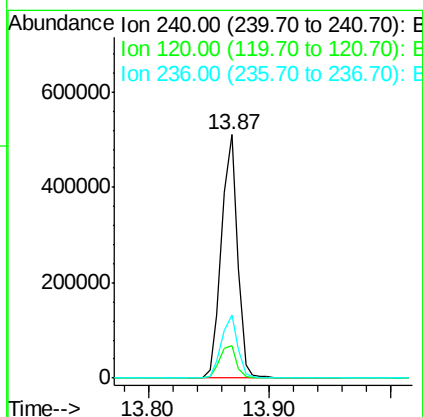
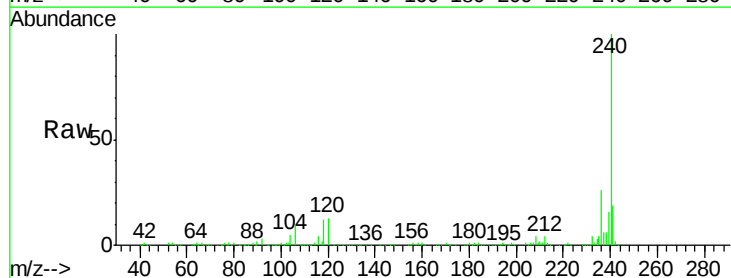
Instrument :
BNA_F
ClientSampleId :
PB105837BL

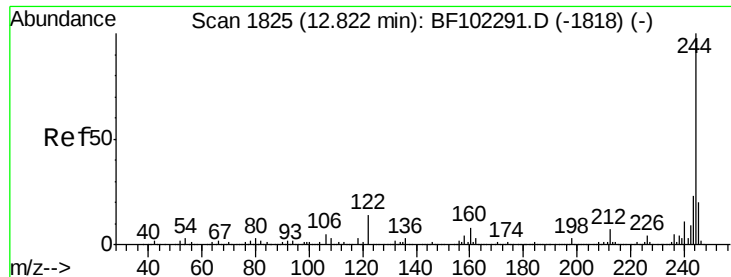
Tot Ion:188 Resp: 481262
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102299.D
Acq: 22 Jan 2018 15:09

Tgt Ion:240 Resp: 469134
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.7 20.7 31.1



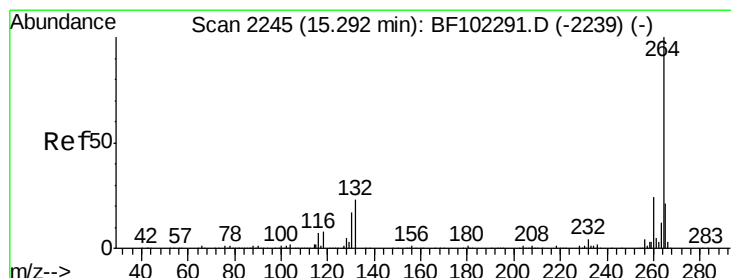
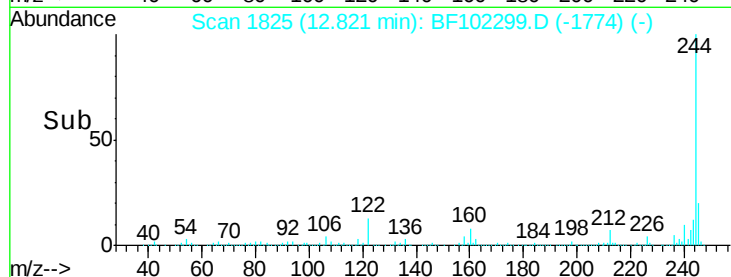
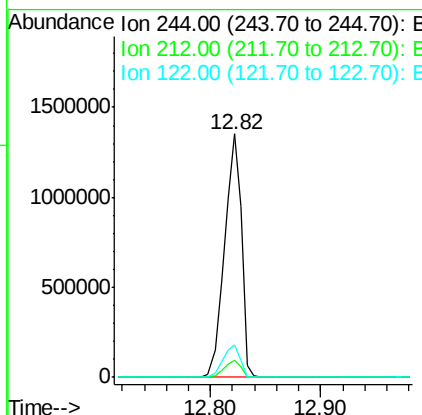
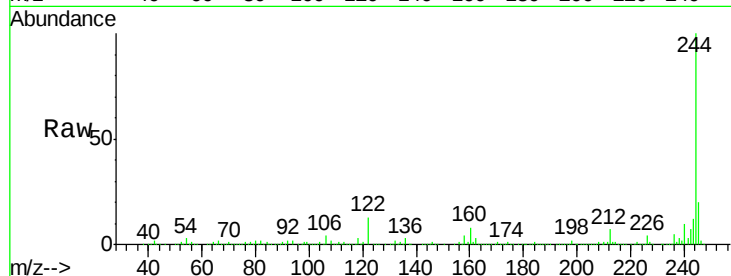


#78
 Terphenyl-d14
 Concen: 69.240 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BL

Tot Ion:244 Resp: 1440881

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102299.D
 Acq: 22 Jan 2018 15:09

Tgt Ion:264 Resp: 450407

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3

