

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101221.D
 Acq On : 7 Dec 2017 22:28
 Operator : SJ/JU
 Sample : PB104800BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BL

Quant Time: Dec 08 01:10:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41624	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	148647	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59895	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	101881	20.00	ng	0.00
75) Chrysene-d12	14.02	240	85184	20.00	ng	0.00
86) Perylene-d12	15.50	264	65395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	167369	66.44	ng	0.00
7) Phenol-d6	6.47	99	190863	62.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	154485	62.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	36438	50.64	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	338385	77.30	ng	-0.01
78) Terphenyl-d14	12.96	244	261152	67.06	ng	0.00

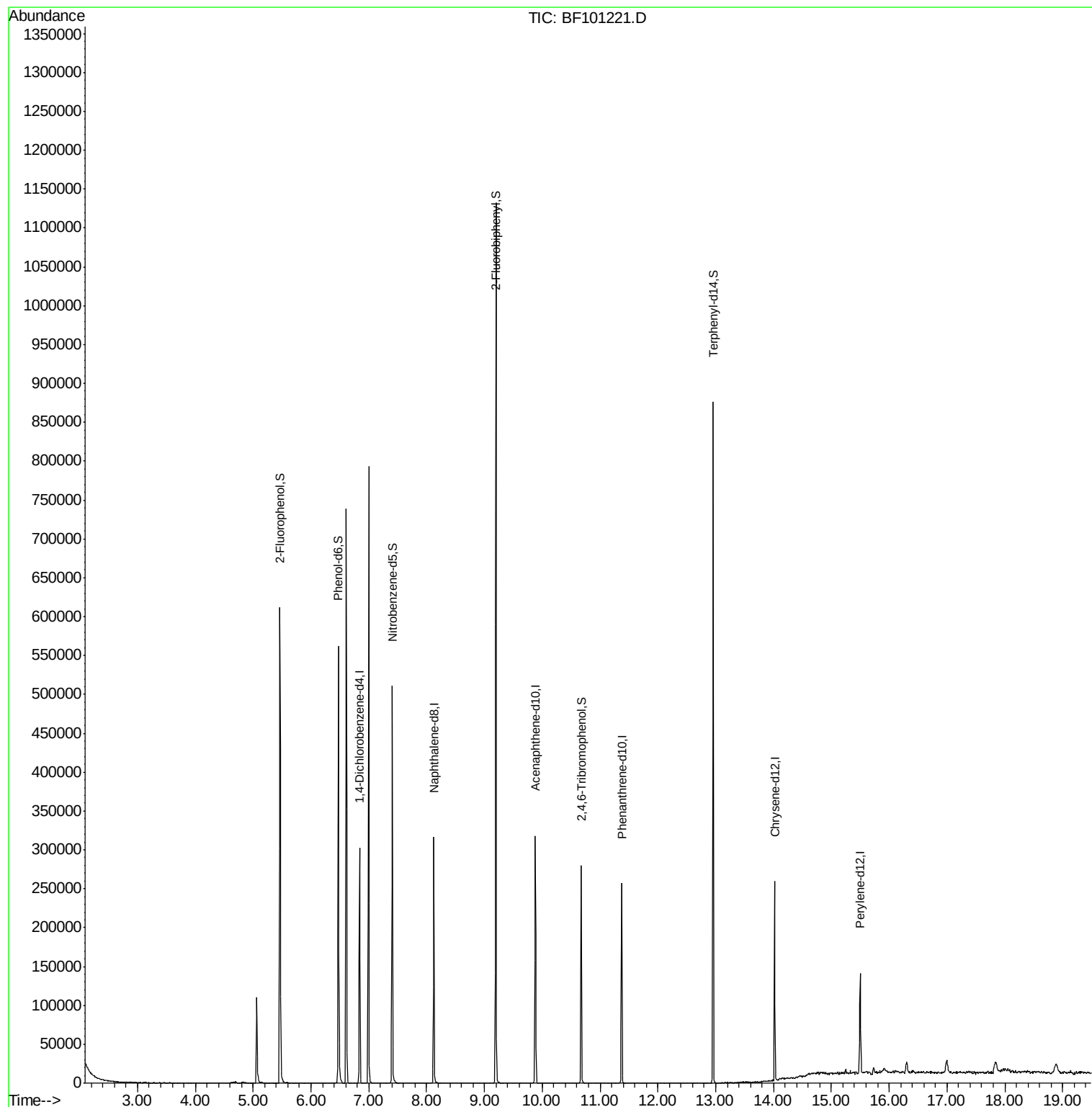
Target Compounds Qvalue

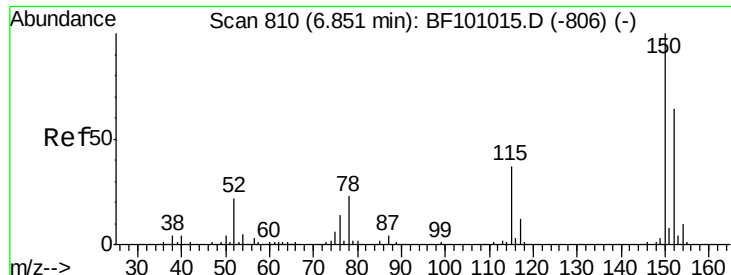
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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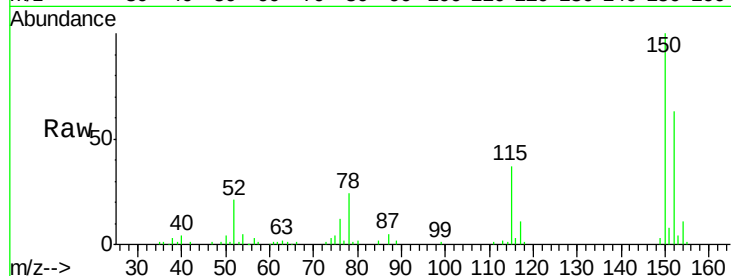


#1

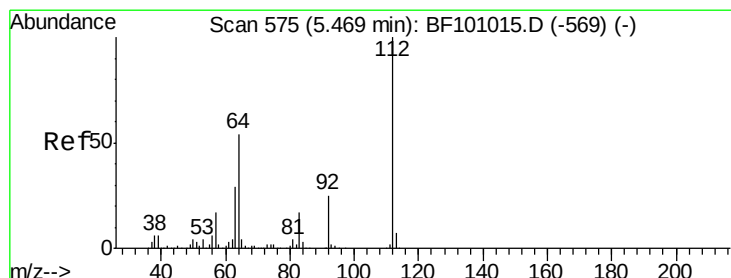
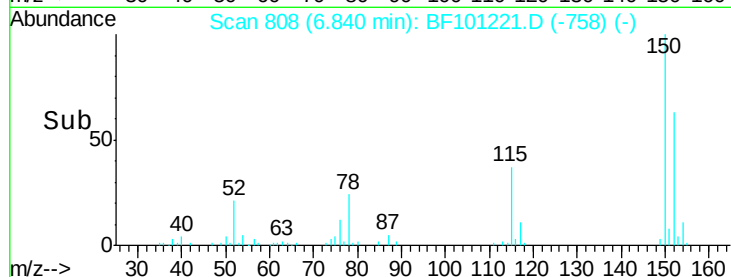
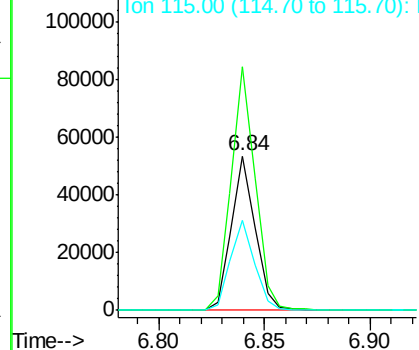
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101221.D
Acq: 7 Dec 2017 22:28

Instrument :
BNA_F
ClientSampled :
PB104800BL

Tot Ion:152 Resp: 41624
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 58.1 50.1 75.1



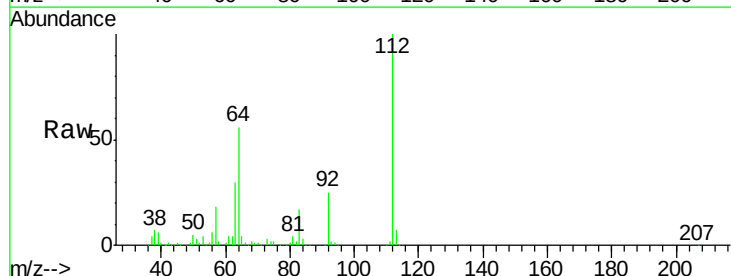
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



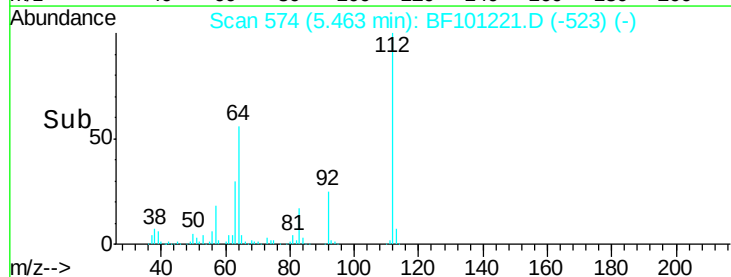
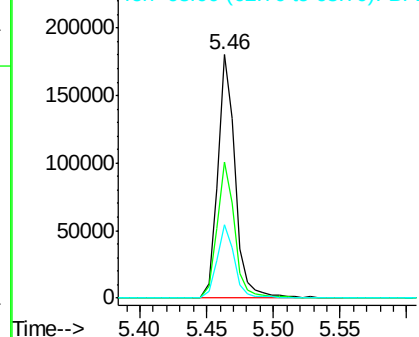
#5

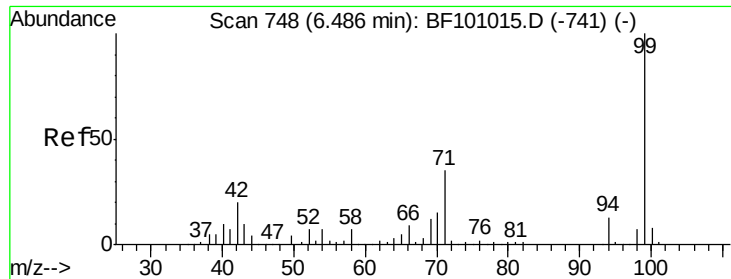
2-Fluorophenol
Concen: 66.444 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101221.D
Acq: 7 Dec 2017 22:28

Tgt Ion:112 Resp: 167369
Ion Ratio Lower Upper
112 100
64 56.1 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: 62.410 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

Instrument :

BNA_F

ClientSampleId :

PB104800BL

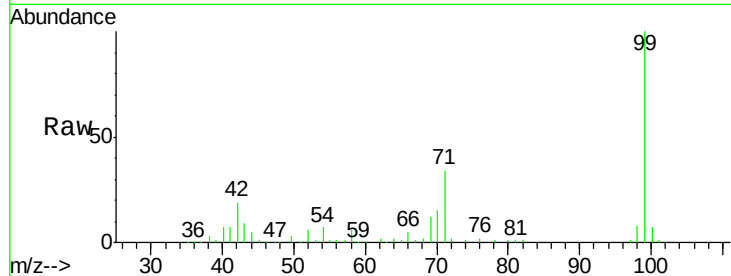
Tot Ion: 99 Resp: 190863

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

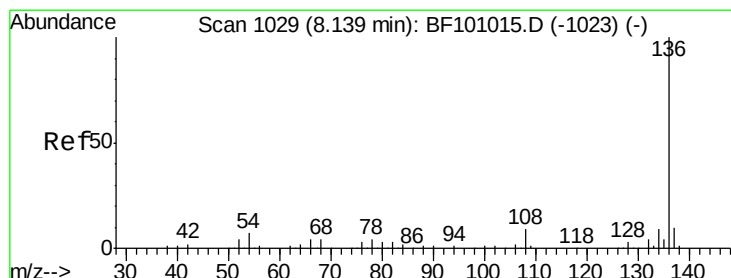
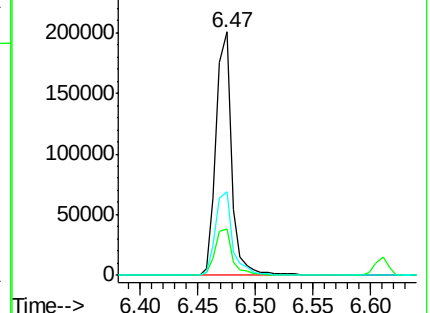
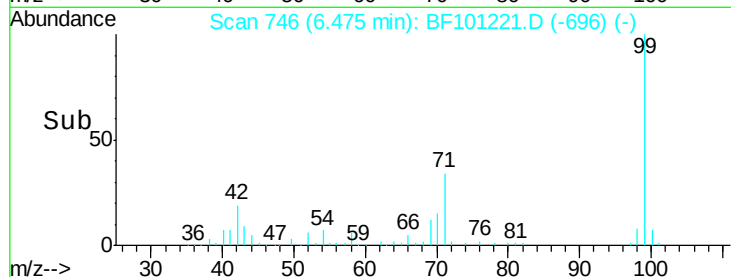
71 34.5 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

Tgt Ion: 136 Resp: 148647

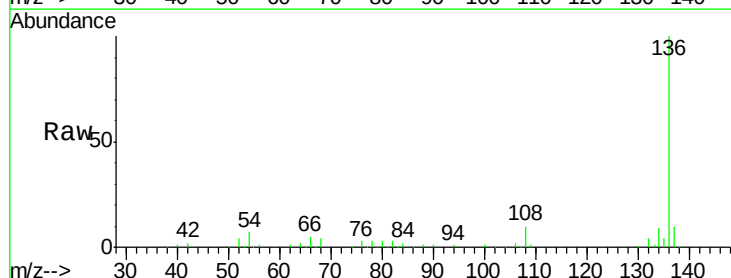
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 7.3 6.6 9.8

68 4.5 5.0 7.4#

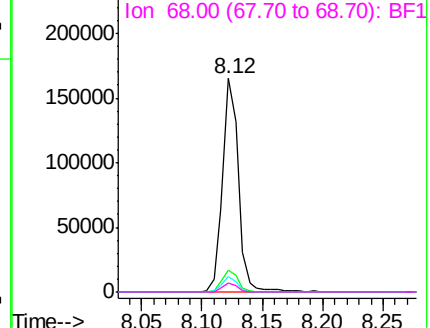
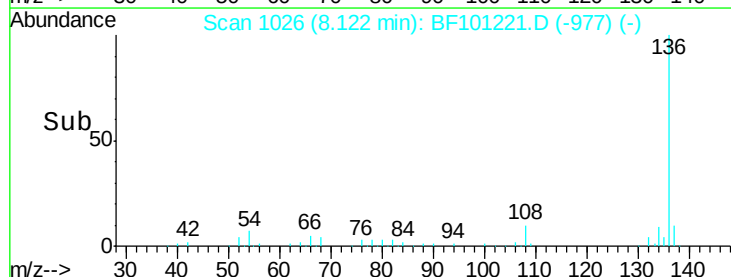


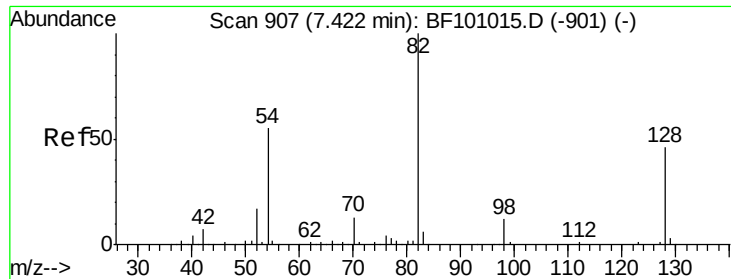
Abundance Ion 136.00 (135.70 to 136.70): E

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



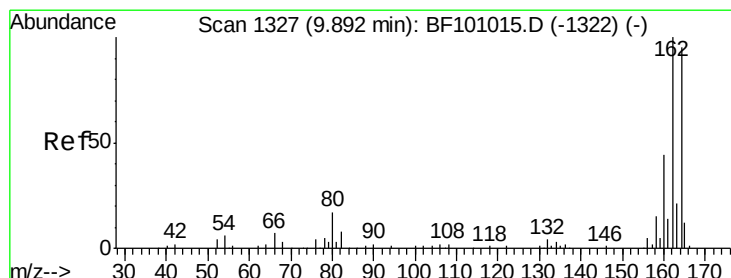
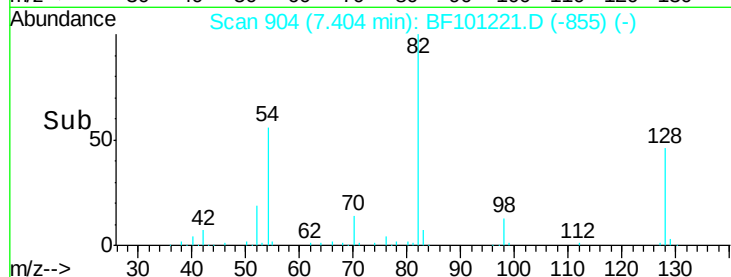
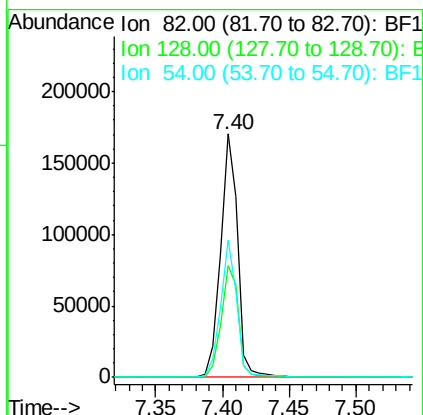
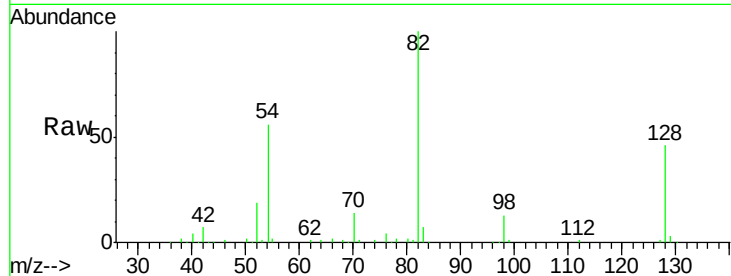


#23
 Nitrobenzene-d5
 Concen: 61.996 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BL

Tot Ion: 82 Resp: 154485

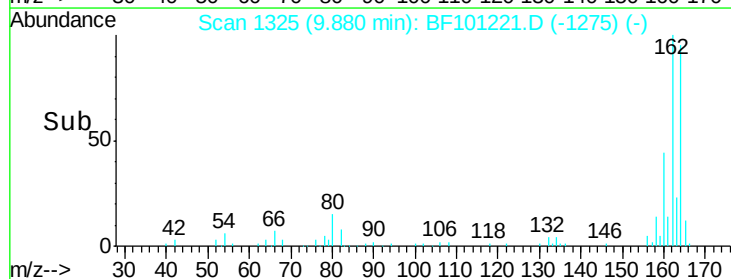
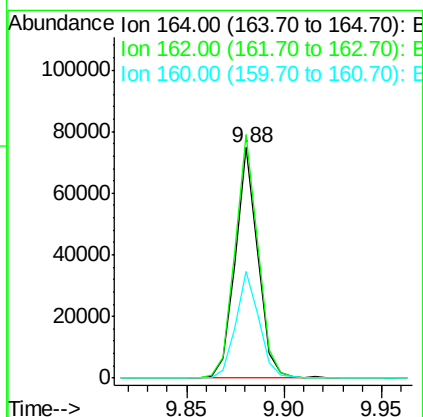
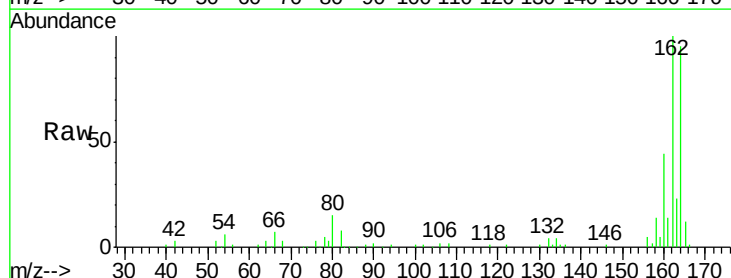
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	56.4	41.4	62.2

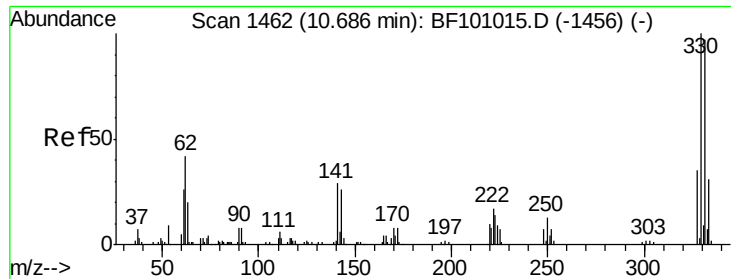


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Tgt Ion: 164 Resp: 59895

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.1	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 50.643 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

Instrument :

BNA_F

ClientSampleId :

PB104800BL

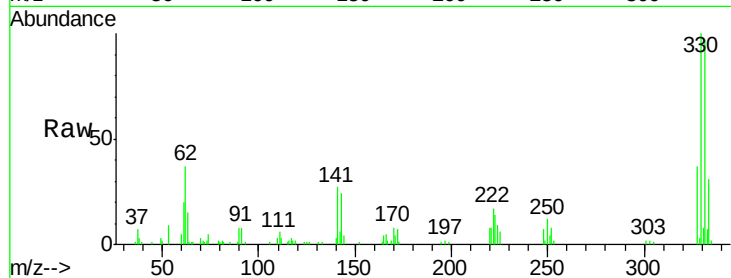
Tot Ion:330 Resp: 36438

Ion Ratio Lower Upper

330 100

332 99.0 77.0 115.6

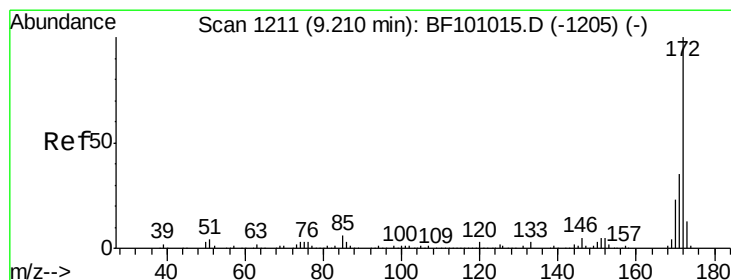
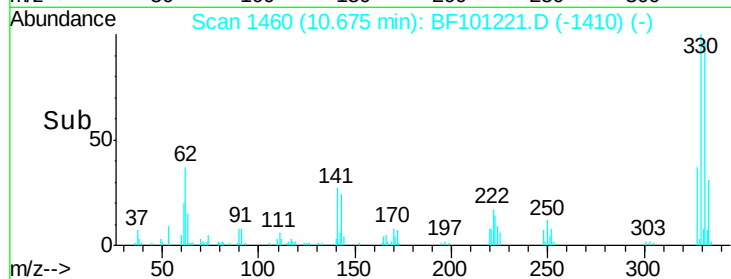
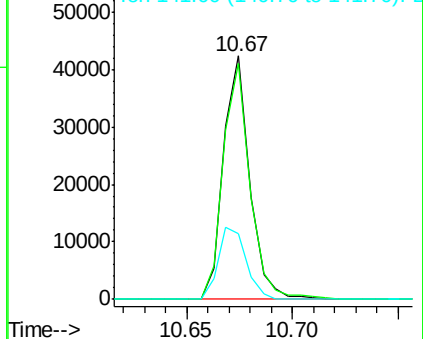
141 31.2 29.9 44.9



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: 77.298 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

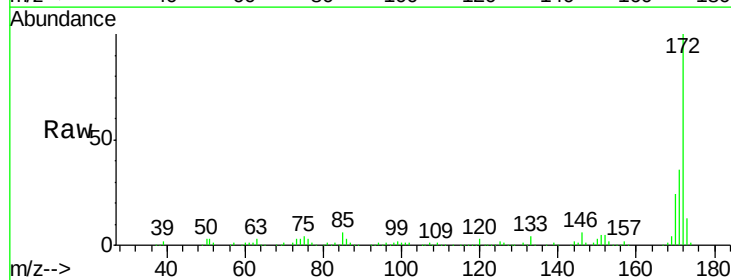
Tgt Ion:172 Resp: 338385

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

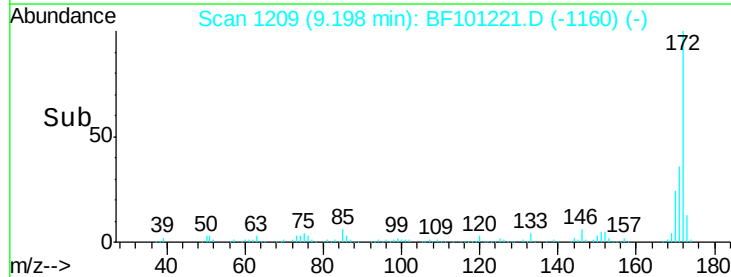
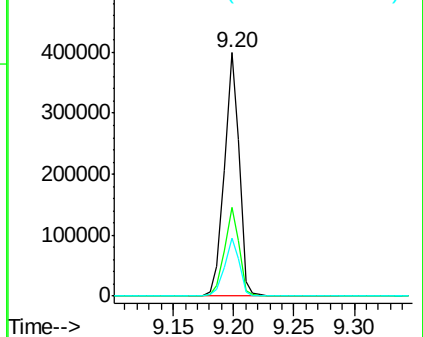
170 23.8 19.6 29.4

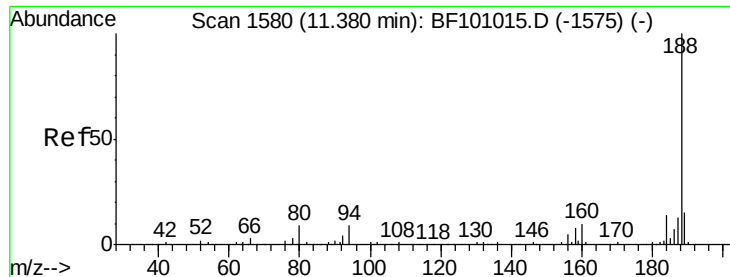


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

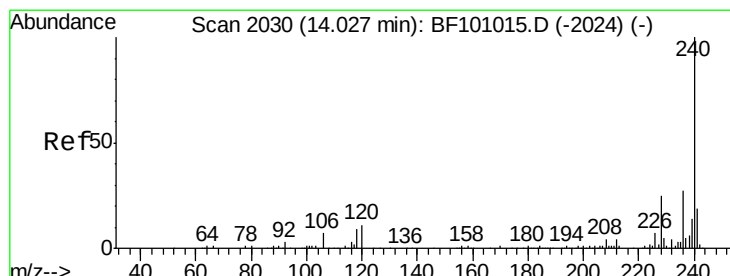
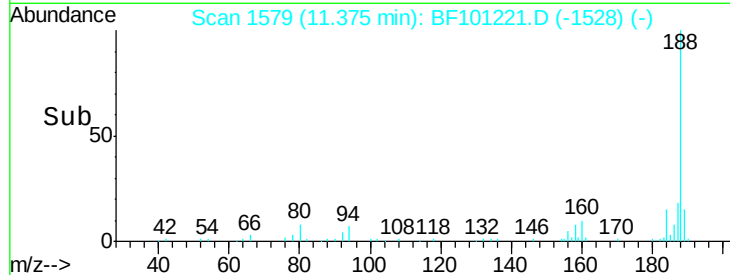
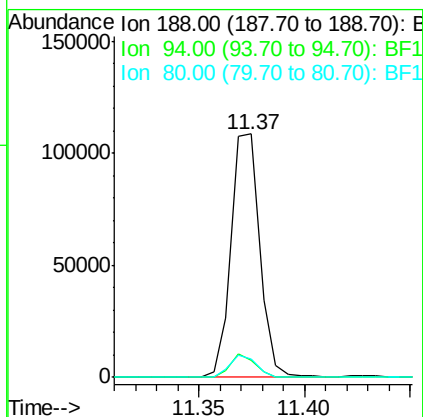
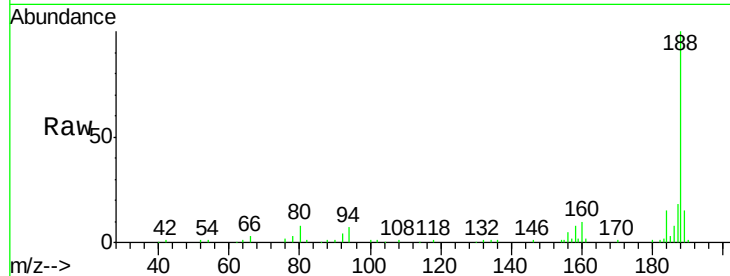




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

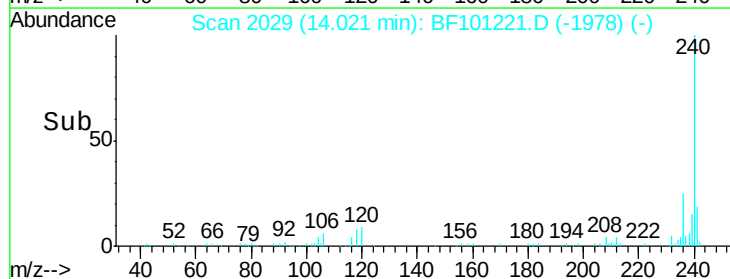
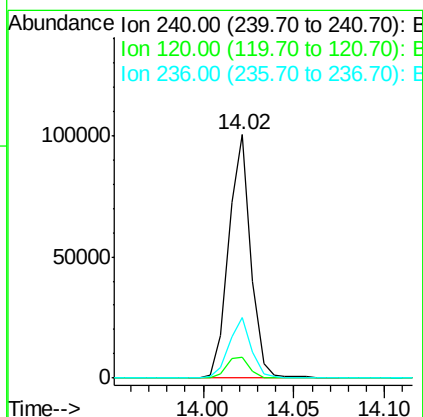
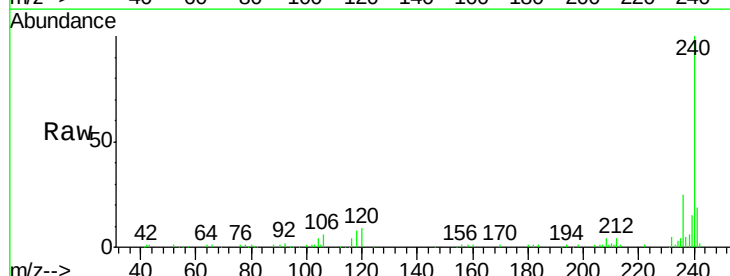
Instrument :
 BNA_F
 ClientSampleId :
 PB104800BL

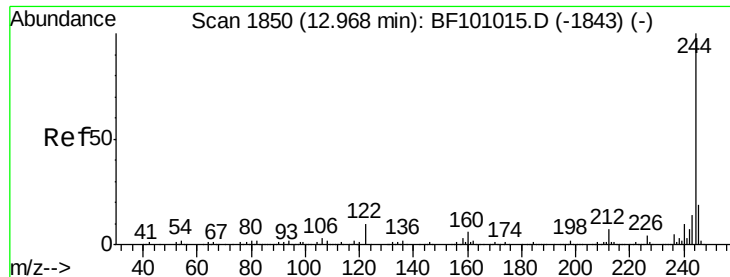
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	7.8	9.2	13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.0	20.7	31.1

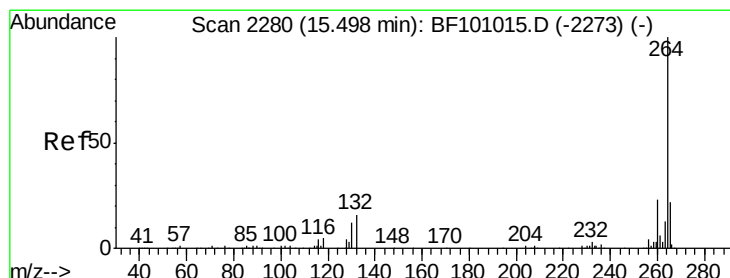
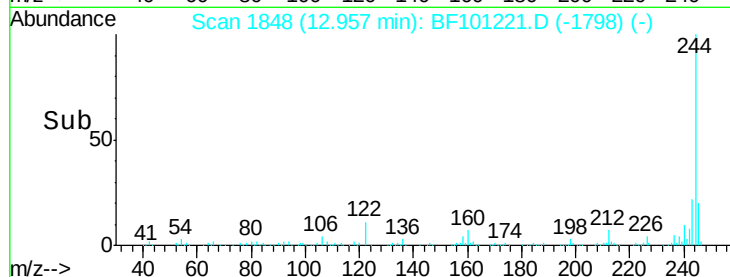
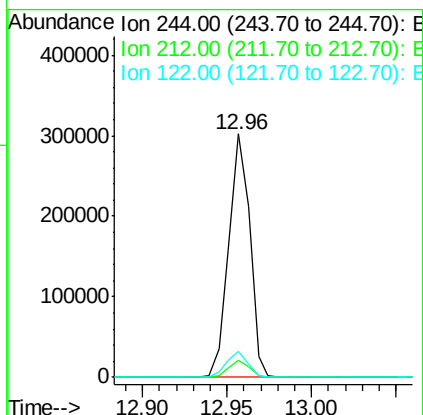
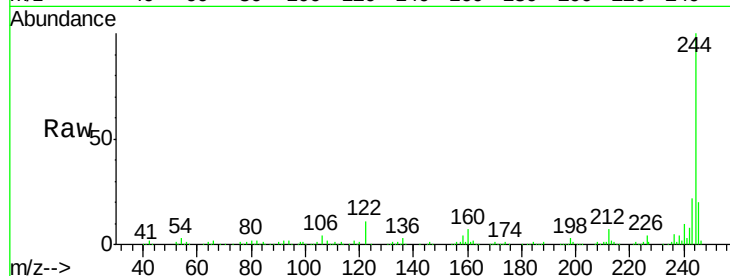




#78
 Terphenyl-d14
 Concen: 67.056 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3

