

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
 Data File : BF100221.D
 Acq On : 5 Nov 2017 14:04
 Operator : SJ/JU
 Sample : I6267-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01

Quant Time: Nov 06 06:28:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

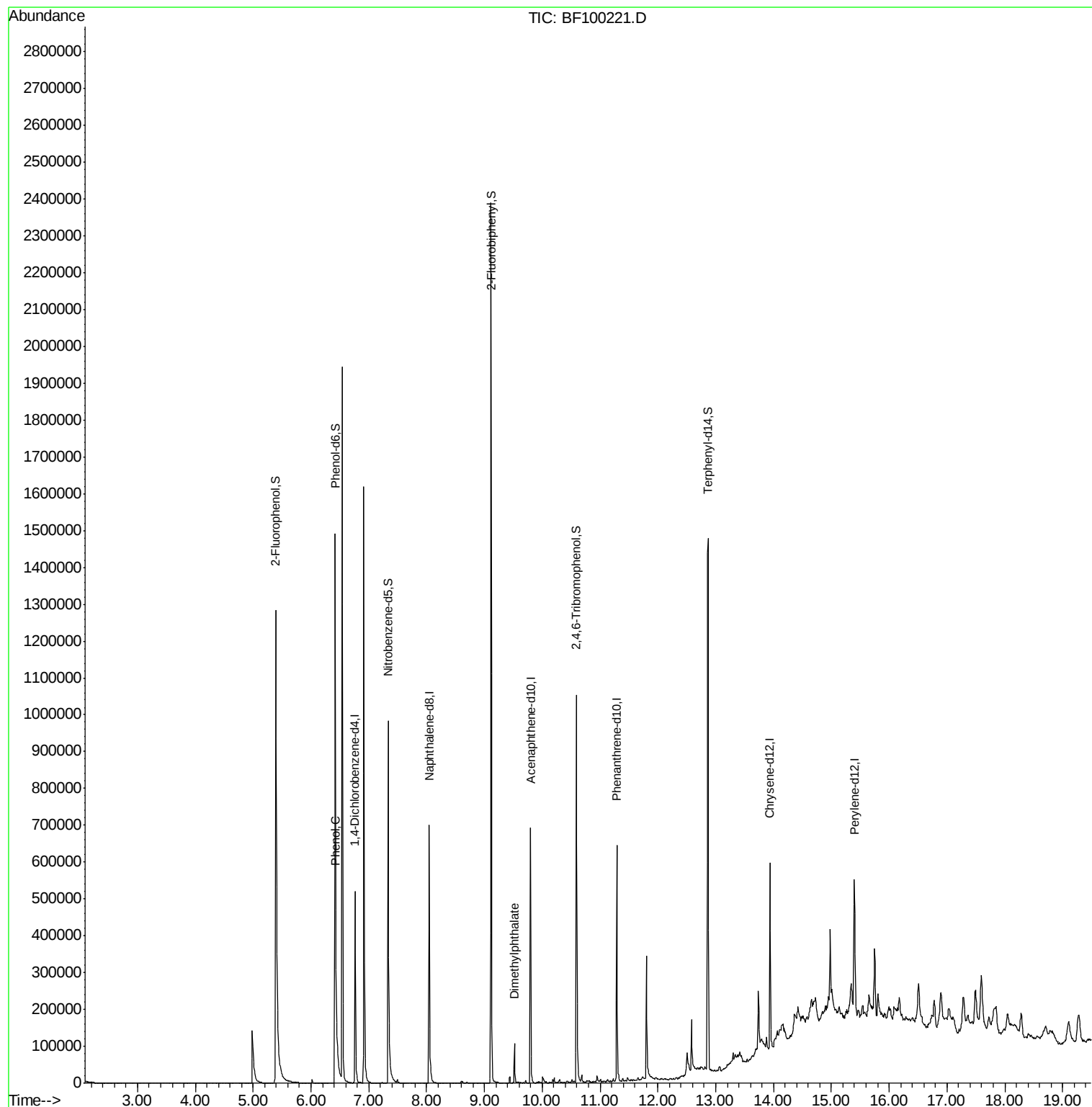
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92811	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	369415	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	155121	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	237352	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	172055	20.00	ng	-0.01
86) Perylene-d12	15.40	264	177247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	629957	106.56	ng	0.00
7) Phenol-d6	6.42	99	731761	104.39	ng	-0.01
23) Nitrobenzene-d5	7.34	82	406700	70.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	136365	96.46	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	767618	76.35	ng	-0.01
78) Terphenyl-d14	12.87	244	490804	62.34	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	36517	4.745	ng	89
49) Dimethylphthalate	9.52	163	51160	4.165	ng	100

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

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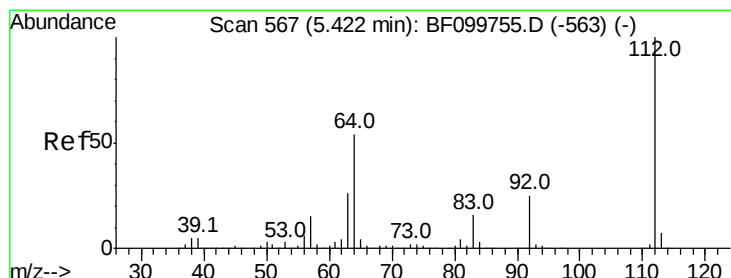
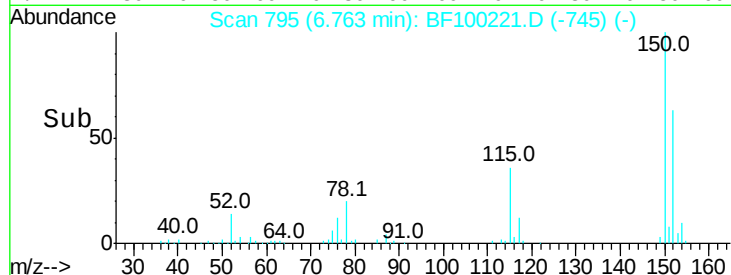
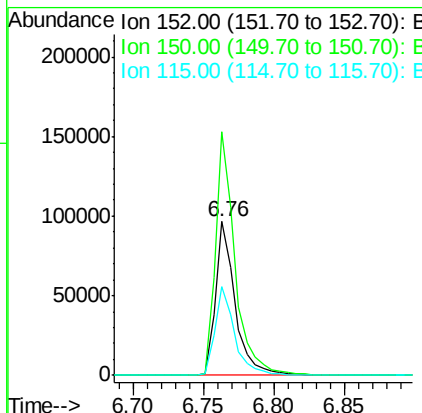
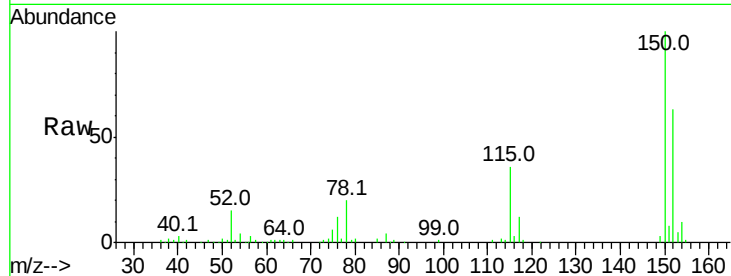


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100221.D
 Acq: 5 Nov 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01

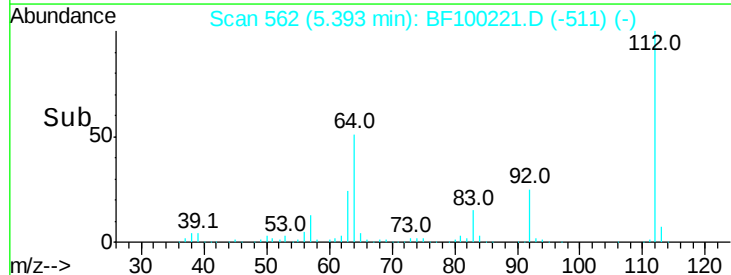
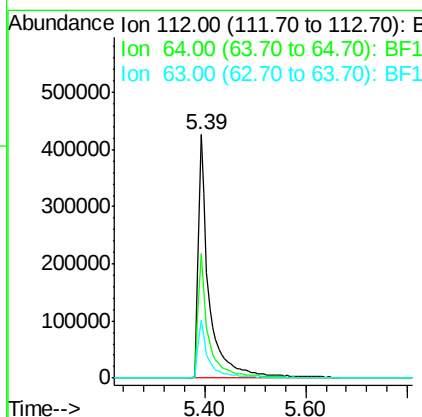
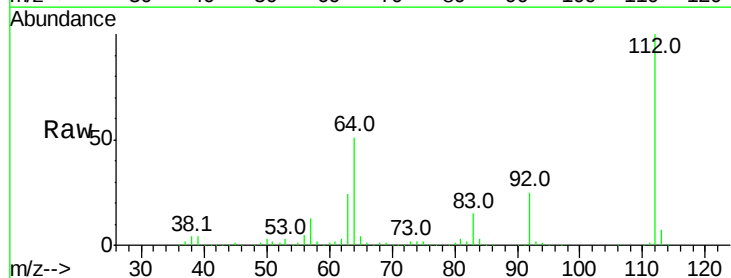
Tot Ion:152 Resp: 92811
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 57.5 50.1 75.1

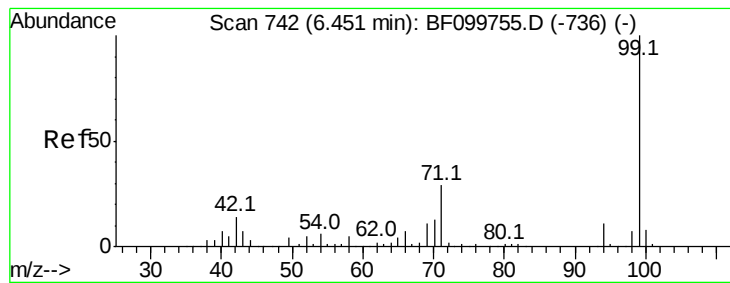


#5

2-Fluorophenol
 Concen: 106.562 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100221.D
 Acq: 5 Nov 2017 14:04

Tgt Ion:112 Resp: 629957
 Ion Ratio Lower Upper
 112 100
 64 51.1 47.9 71.9
 63 24.0 23.7 35.5





#7

Phenol-d6

Concen: 104.395 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100221.D

Acq: 5 Nov 2017 14:04

Instrument :

BNA_F

ClientSampleId :

P001-S001-0001-01

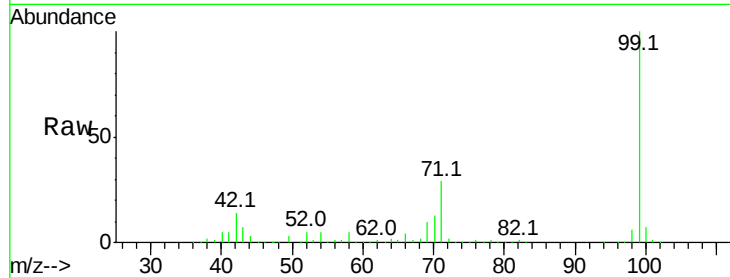
Tot Ion: 99 Resp: 731761

Ion Ratio Lower Upper

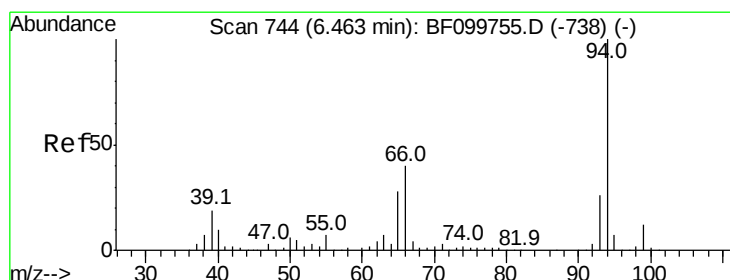
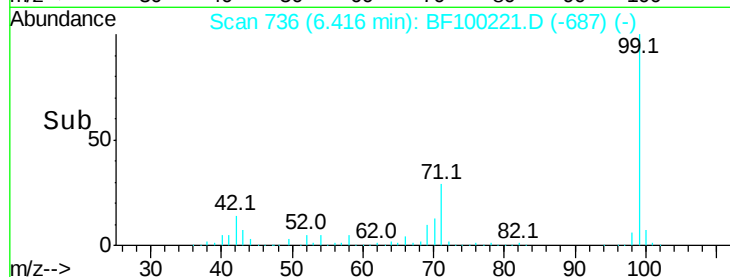
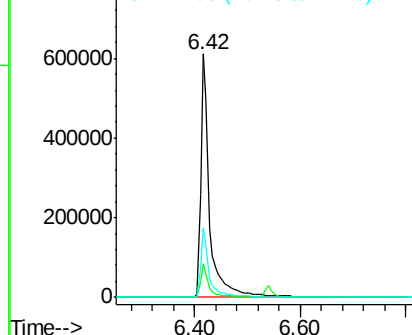
99 100

42 13.8 14.5 21.7#

71 28.8 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: 4.745 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100221.D

Acq: 5 Nov 2017 14:04

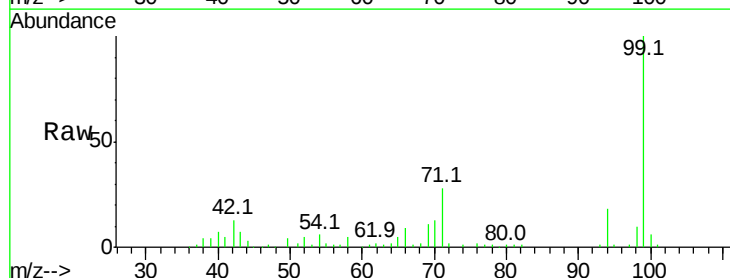
Tgt Ion: 94 Resp: 36517

Ion Ratio Lower Upper

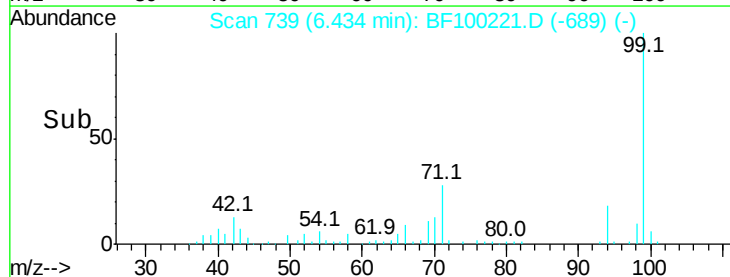
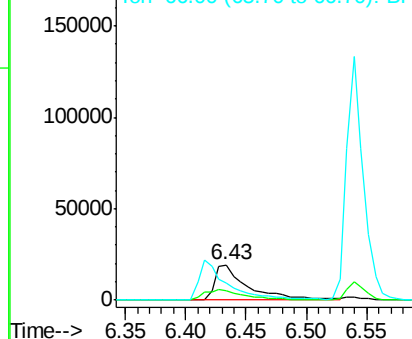
94 100

65 27.5 7.9 47.9

66 47.8 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

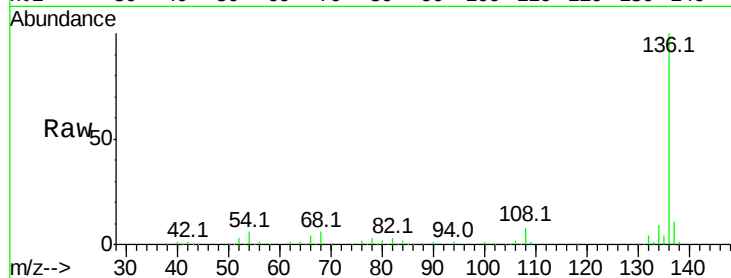




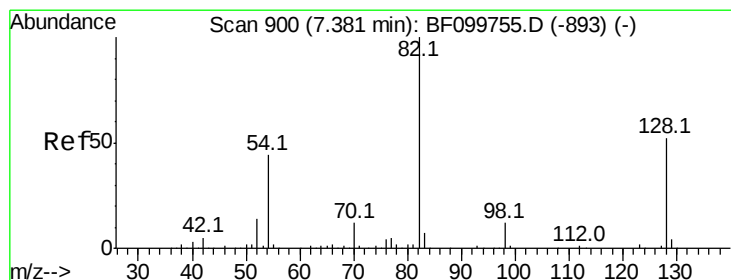
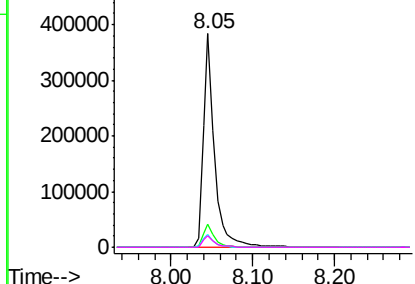
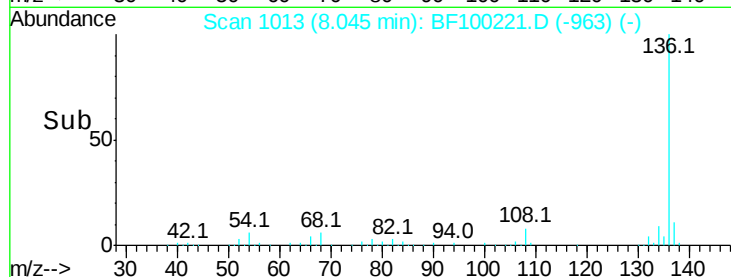
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tot Ion:	136	Resp:	369415
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	6.6	9.8#
68	5.5	5.0	7.4

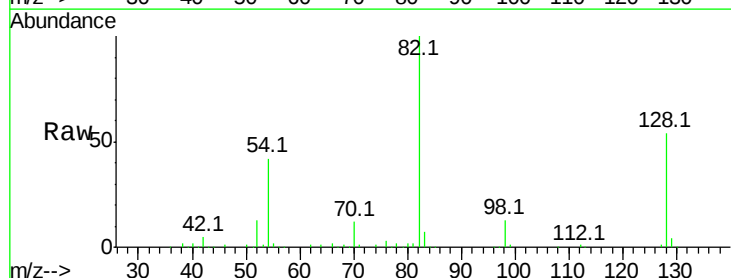


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

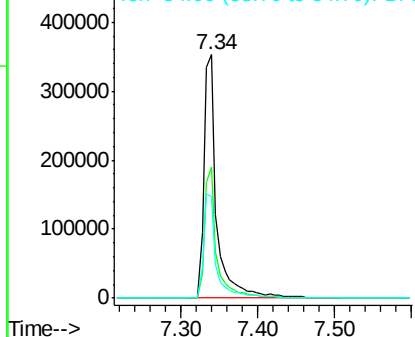
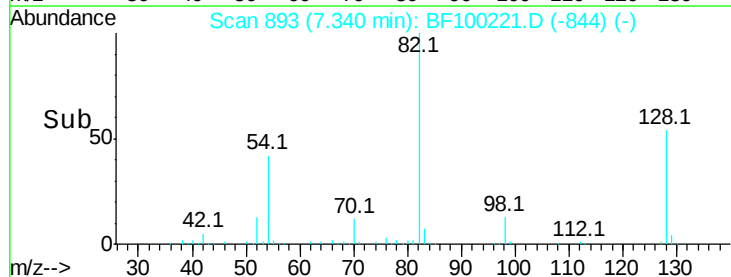


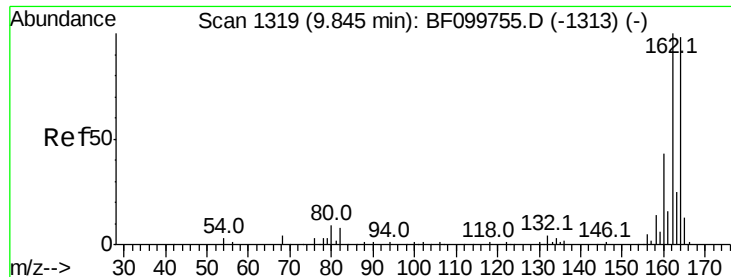
#23
Nitrobenzene-d5
Concen: 70.878 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:	82	Resp:	406700
Ion	Ratio	Lower	Upper
82	100		
128	54.0	36.1	54.1
54	41.6	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

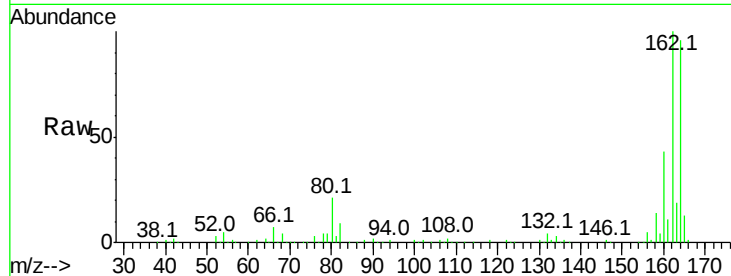




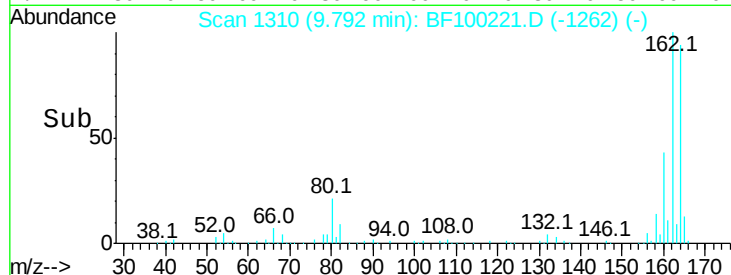
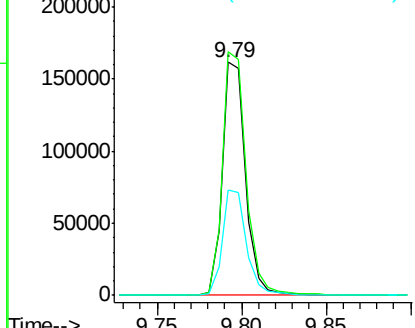
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tot Ion:164 Resp: 155121
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.4 38.3 57.5

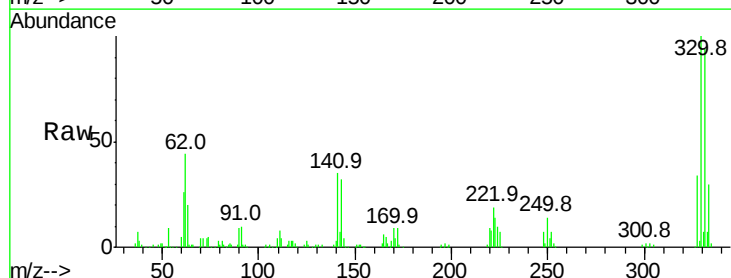


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

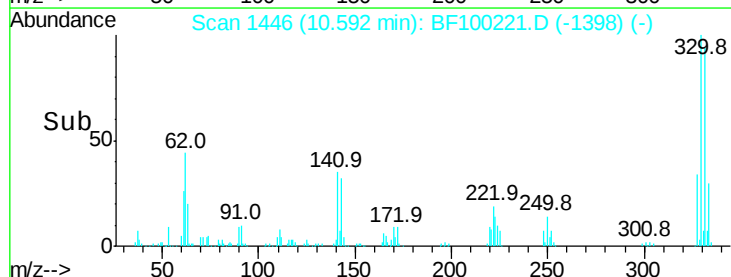
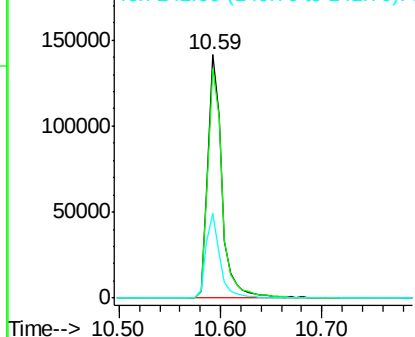


#41
2,4,6-Tribromophenol
Concen: 96.464 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:330 Resp: 136365
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 34.0 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

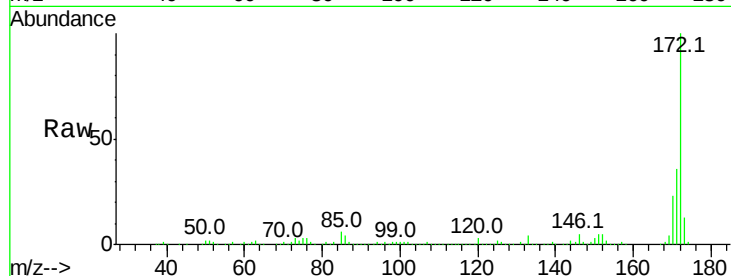




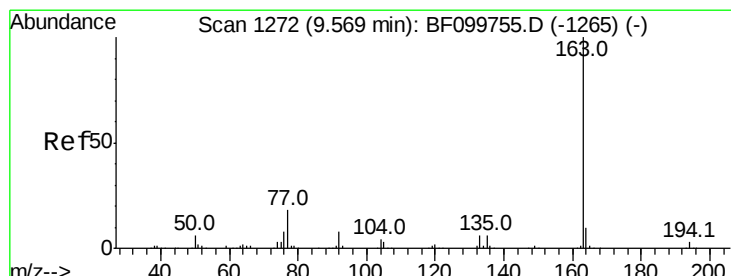
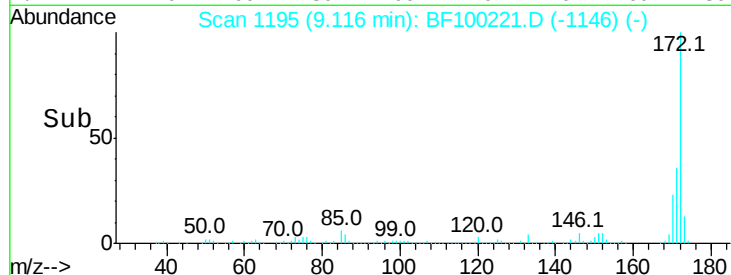
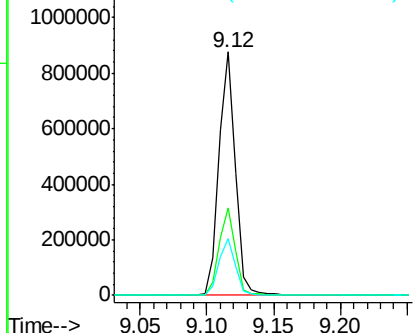
#44
2-Fluorobiphenyl
Concen: 76.348 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tot Ion:172 Resp: 767618
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.3 19.6 29.4

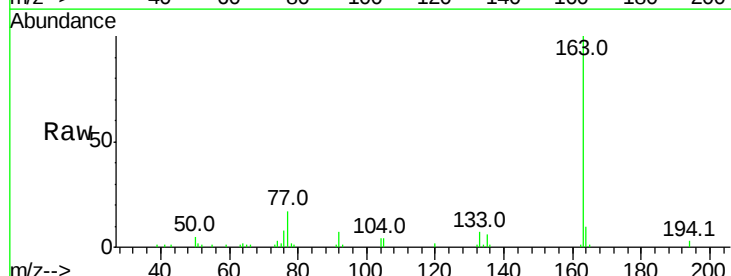


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

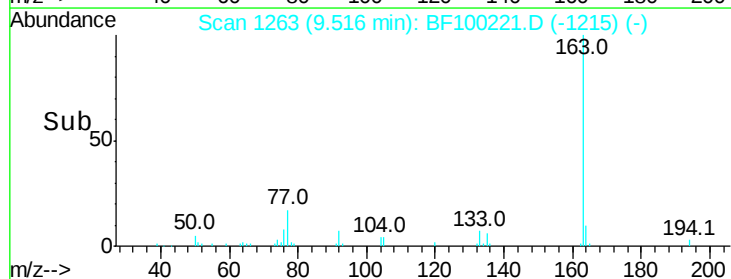
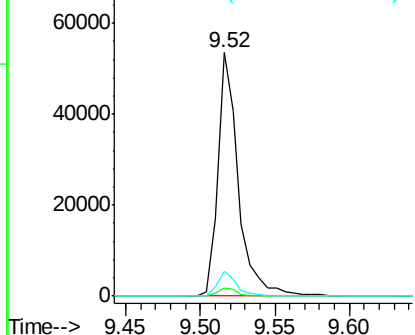


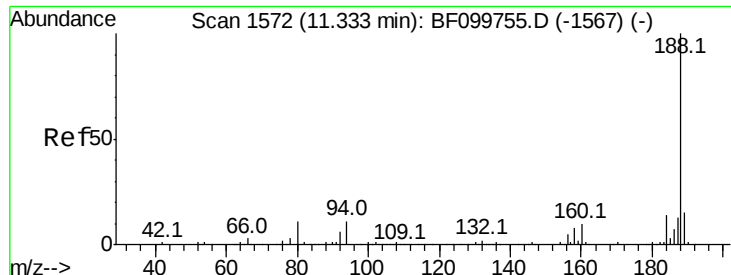
#49
Dimethylphthalate
Concen: 4.165 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:163 Resp: 51160
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF100221.D

Acq: 5 Nov 2017 14:04

Instrument :

BNA_F

ClientSampleId :

P001-S001-0001-01

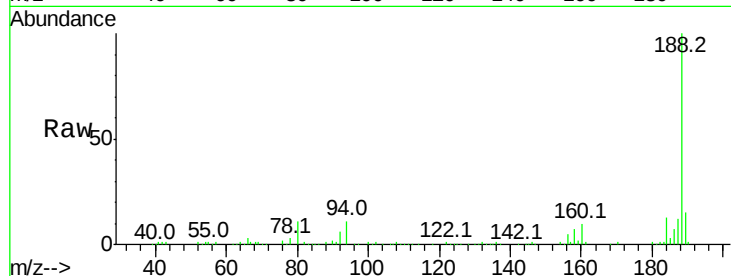
Tot Ion:188 Resp: 237352

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

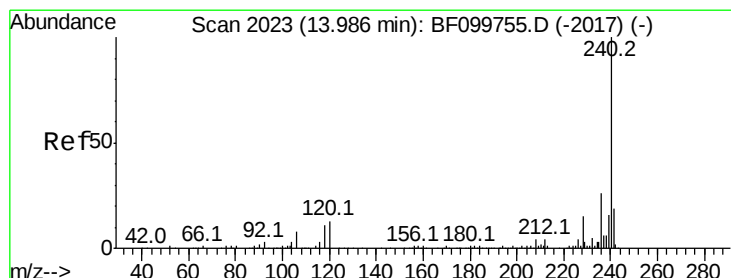
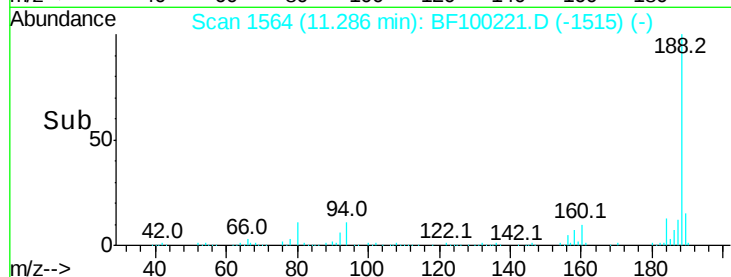
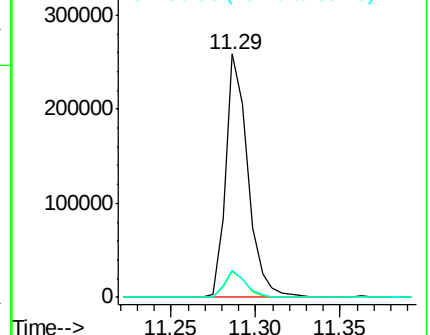
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100221.D

Acq: 5 Nov 2017 14:04

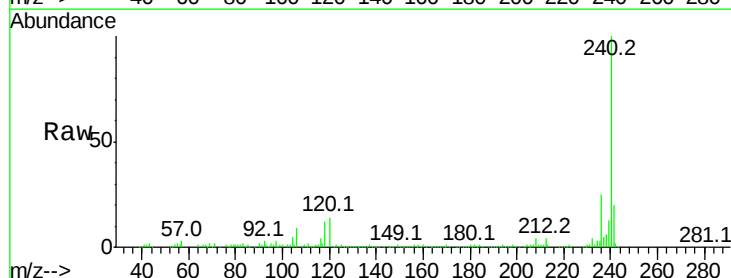
Tgt Ion:240 Resp: 172055

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

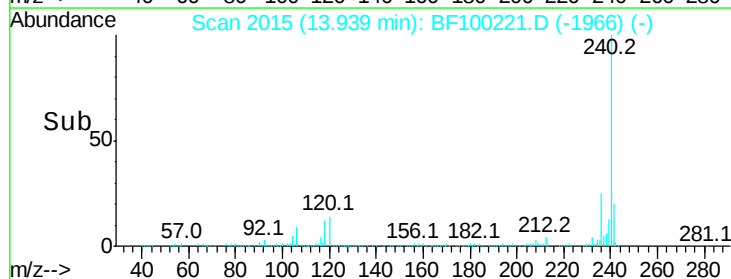
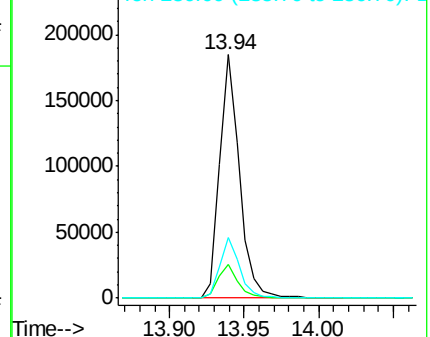
236 24.6 20.7 31.1

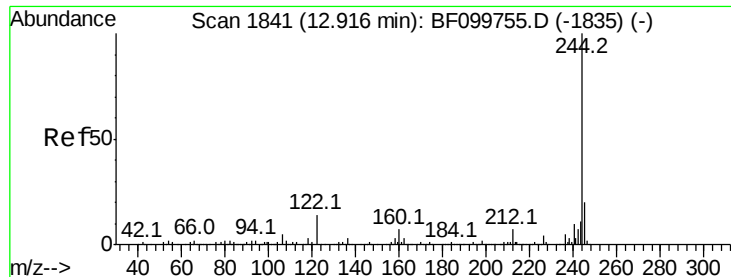


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.340 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100221.D

Acq: 5 Nov 2017 14:04

Instrument :

BNA_F

ClientSampleId :

P001-S001-0001-01

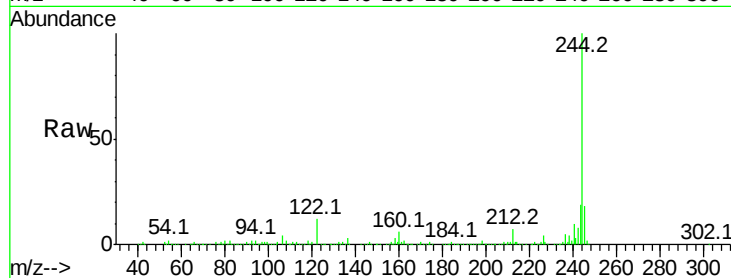
Tot Ion:244 Resp: 490804

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

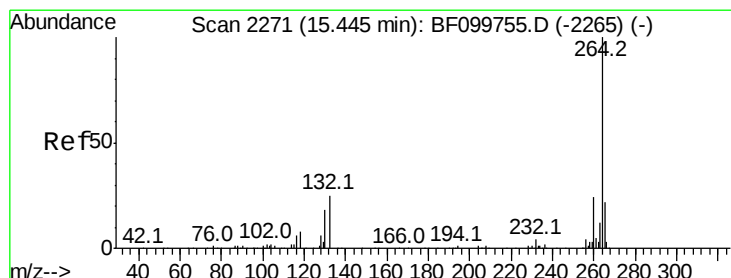
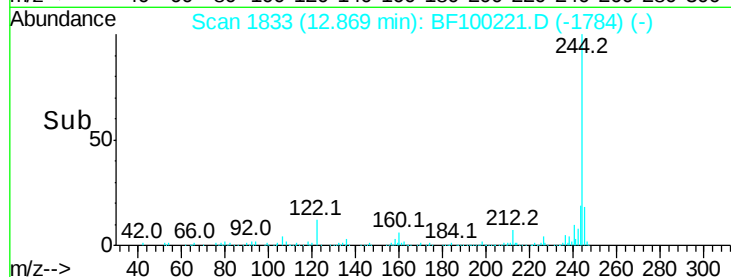
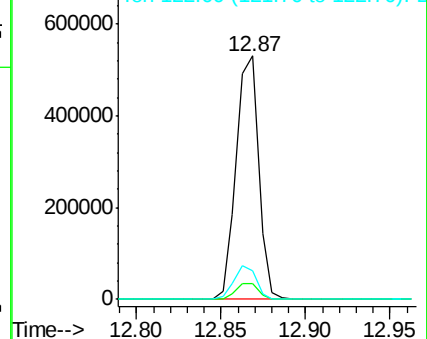
122 11.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100221.D

Acq: 5 Nov 2017 14:04

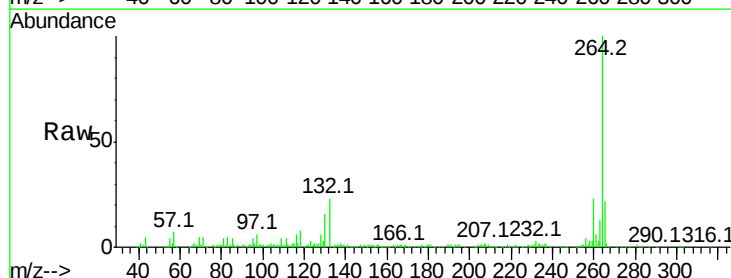
Tgt Ion:264 Resp: 177247

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.5 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

