

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100201.D
 Acq On : 5 Nov 2017 1:59
 Operator : SJ/JU
 Sample : I6329-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-EMH-F

Quant Time: Nov 06 03:38:50 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	99158	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	412463	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	195084	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	350668	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	222134	20.00	ng	-0.01
86) Perylene-d12	15.40	264	157717	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	249514	39.51	ng	0.01
7) Phenol-d6	6.43	99	209815	28.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	505308	78.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	142376	80.08	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1009895	79.87	ng	-0.01
78) Terphenyl-d14	12.87	244	949039	93.37	ng	-0.01

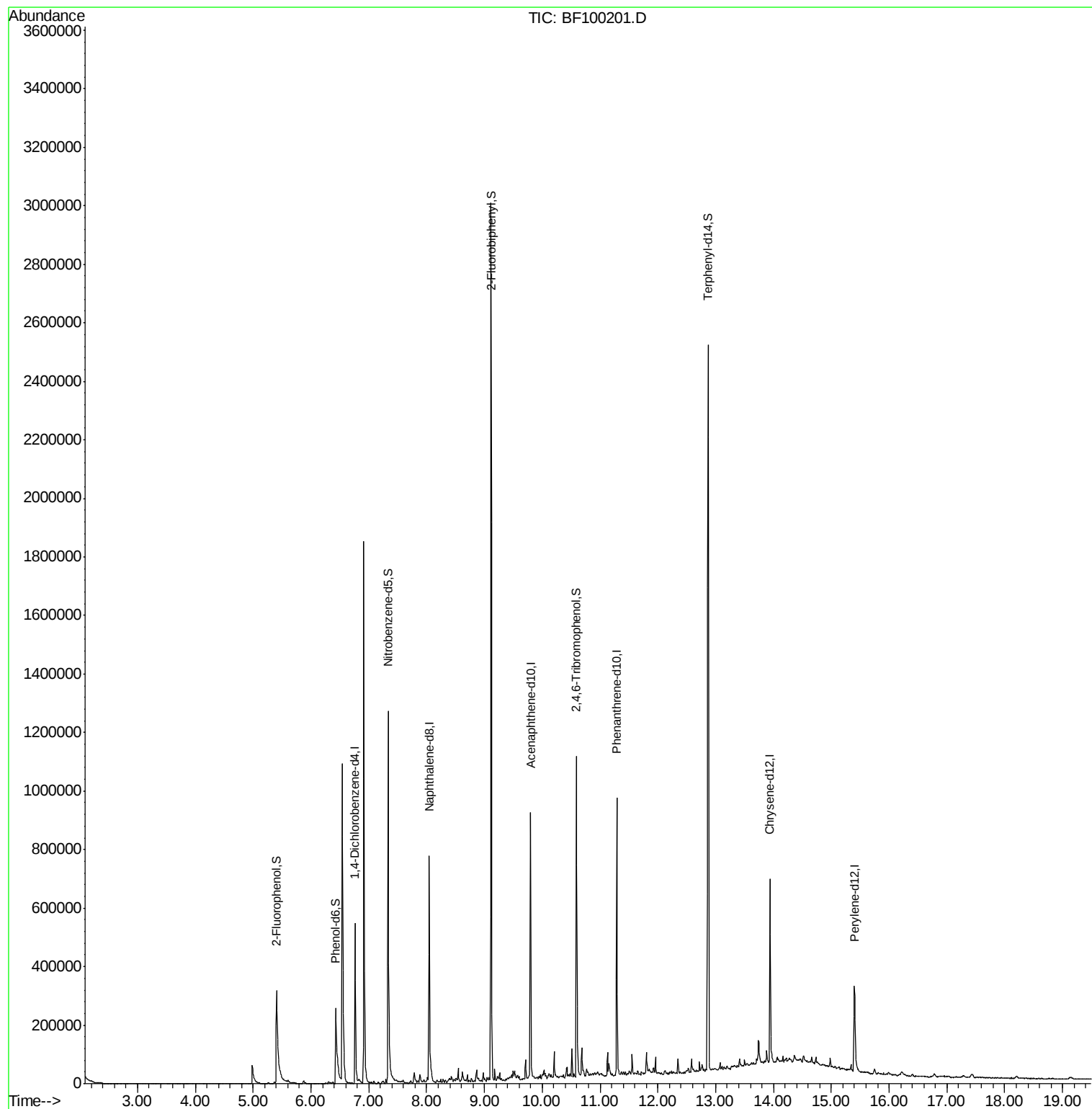
Target Compounds Qvalue

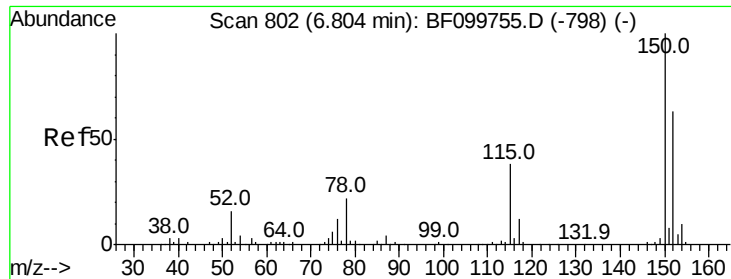
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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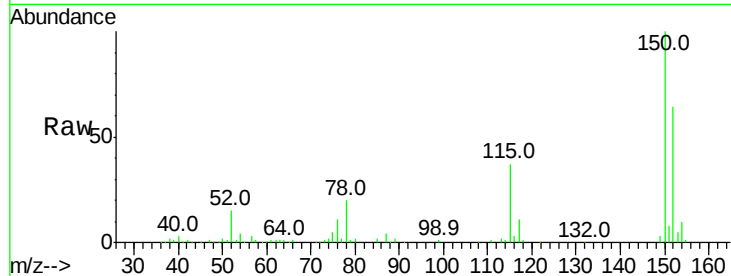


#1

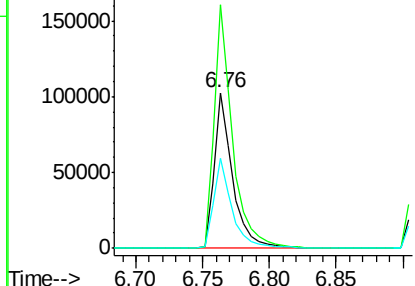
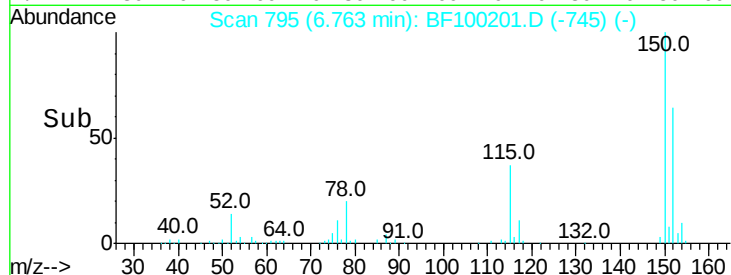
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

Instrument :
BNA_F
ClientSampleId :
B-EMH-F

Tot Ion:152 Resp: 99158
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 57.4 50.1 75.1



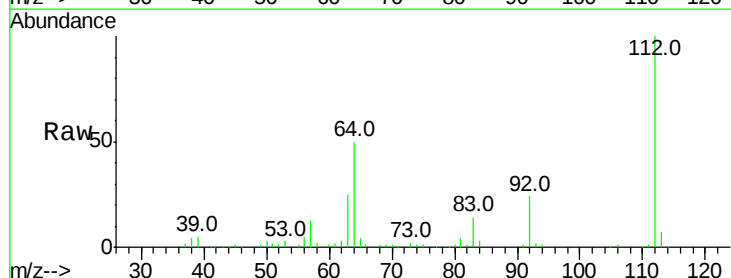
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



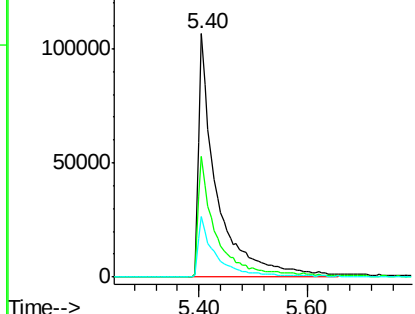
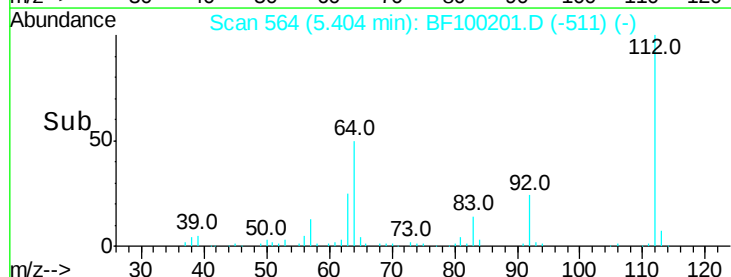
#5

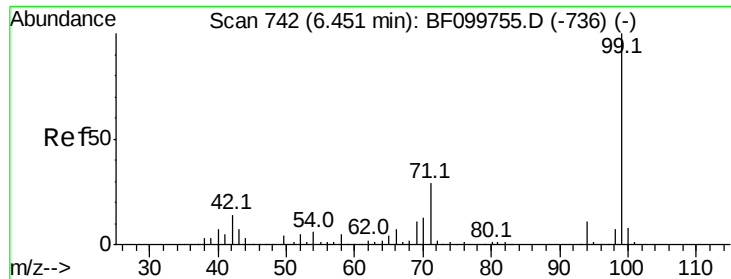
2-Fluorophenol
Concen: 39.505 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

Tgt Ion:112 Resp: 249514
Ion Ratio Lower Upper
112 100
64 49.8 47.9 71.9
63 24.9 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: 28.017 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

Instrument :

BNA_F

ClientSampleId :

B-EMH-F

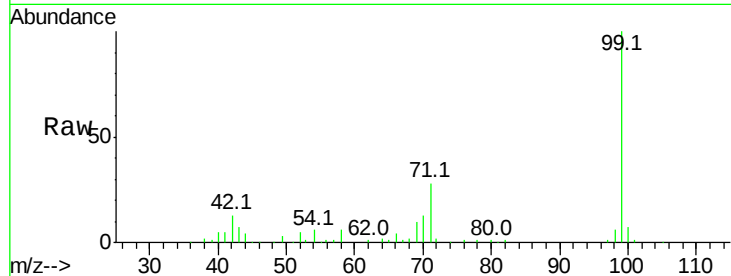
Tot Ion: 99 Resp: 209815

Ion Ratio Lower Upper

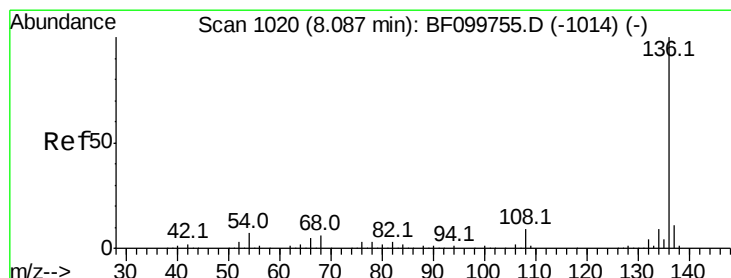
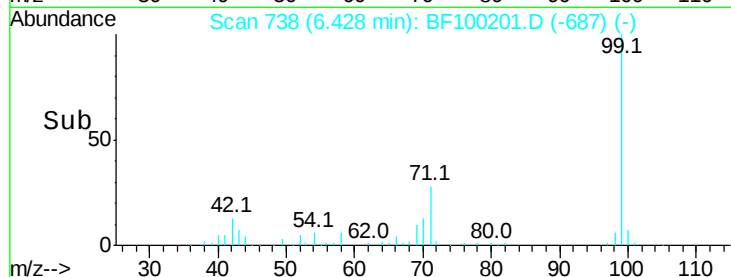
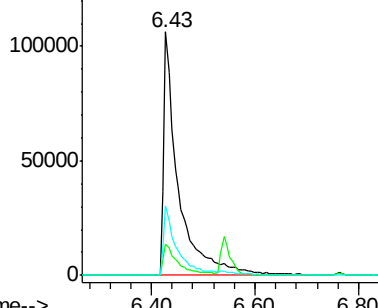
99 100

42 12.9 14.5 21.7#

71 28.4 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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

Tgt Ion: 136 Resp: 412463

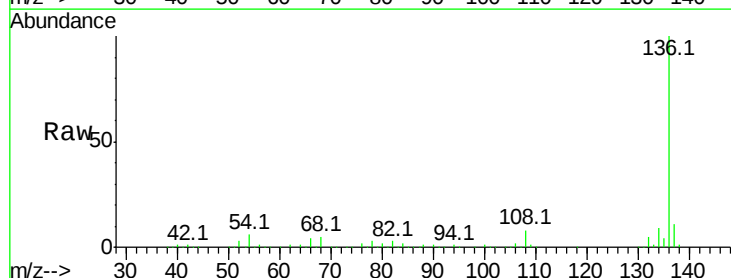
Ion Ratio Lower Upper

136 100

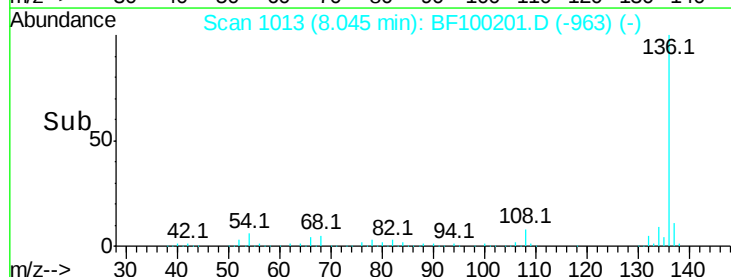
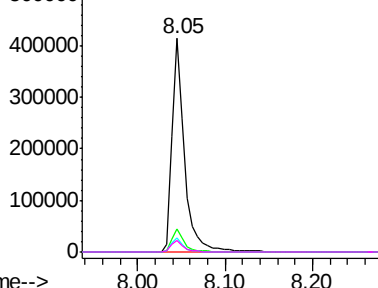
137 10.9 8.9 13.3

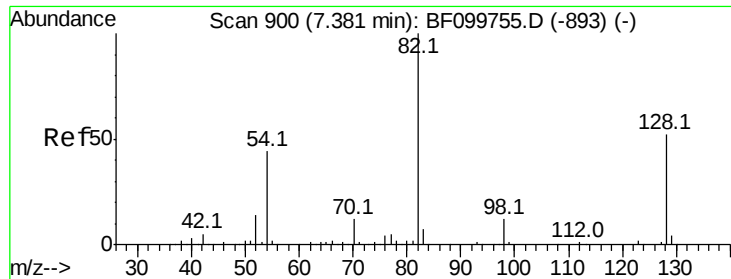
54 6.4 6.6 9.8#

68 5.3 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

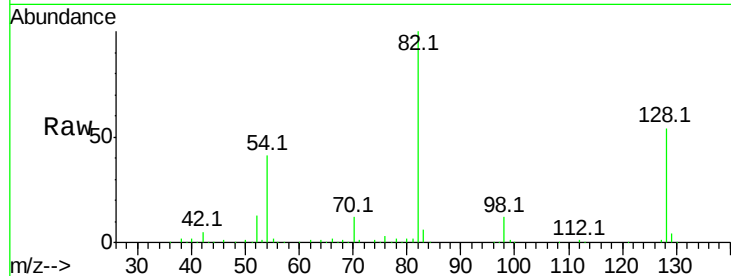




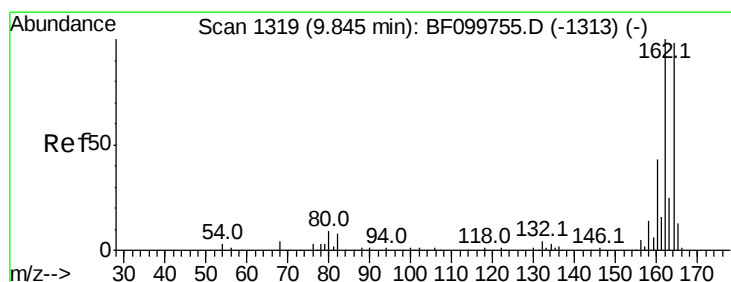
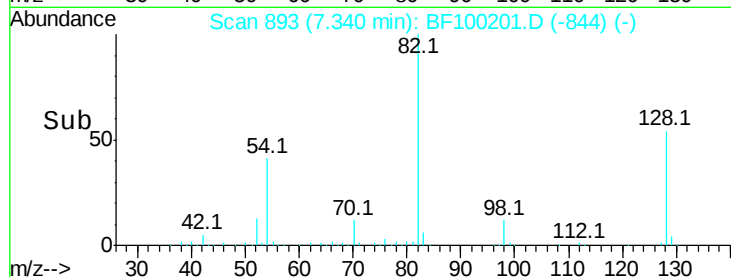
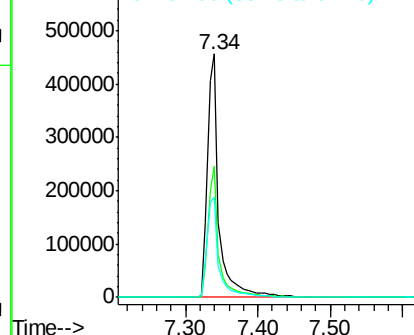
#23
Nitrobenzene-d5
Concen: 78.872 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

Instrument :
BNA_F
ClientSampleId :
B-EMH-F

Tot Ion: 82 Resp: 505308
Ion Ratio Lower Upper
82 100
128 53.7 36.1 54.1
54 41.1 41.4 62.2#

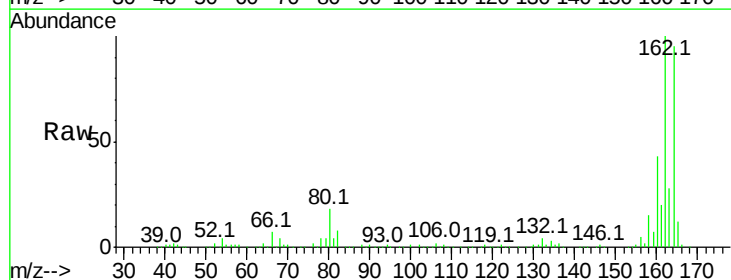


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

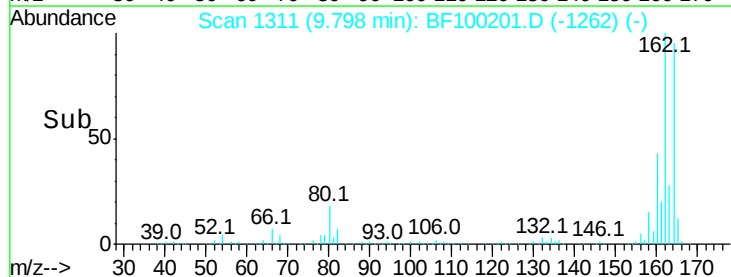
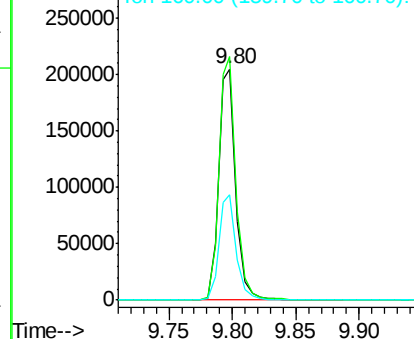


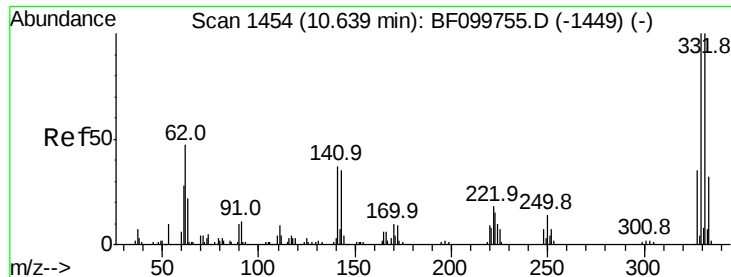
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

Tgt Ion:164 Resp: 195084
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 45.3 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

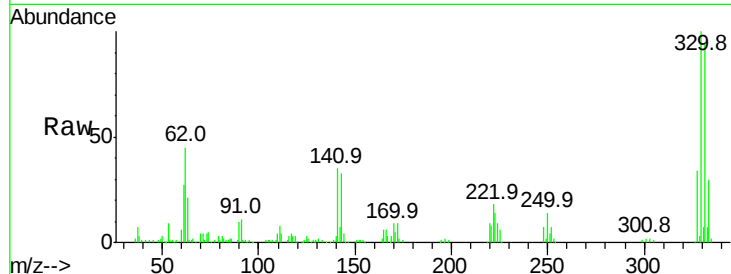




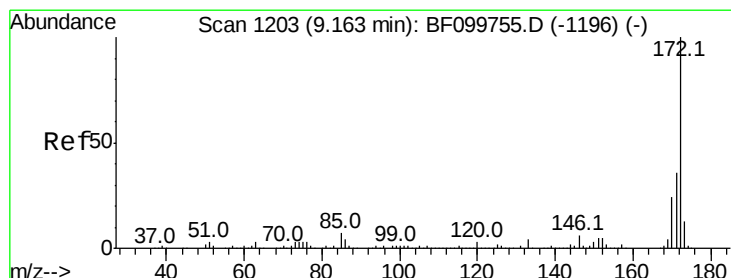
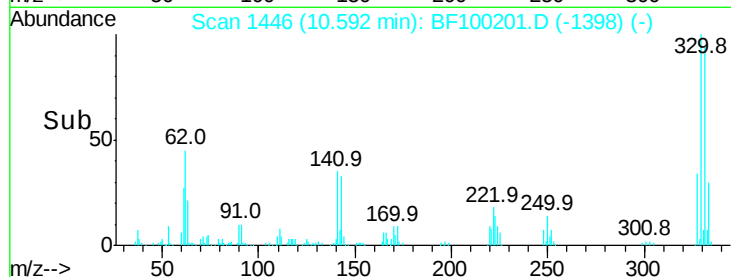
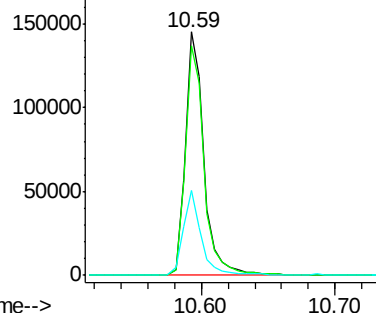
#41
 2,4,6-Tribromophenol
 Concen: 80.084 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 B-EMH-F

Tot Ion:330 Resp: 142376
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 34.0 29.9 44.9

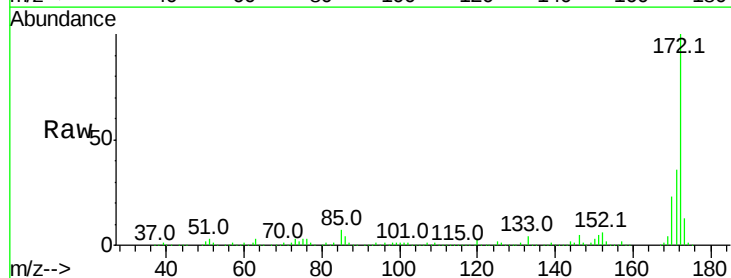


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

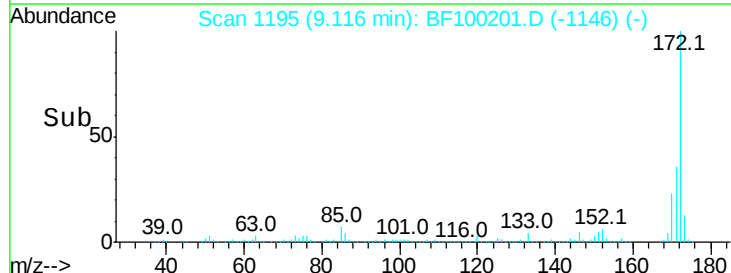
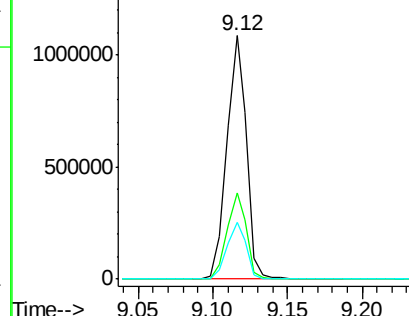


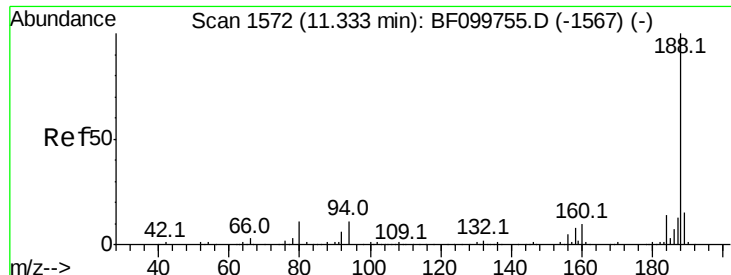
#44
 2-Fluorobiphenyl
 Concen: 79.868 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Tgt Ion:172 Resp: 1009895
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.4 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

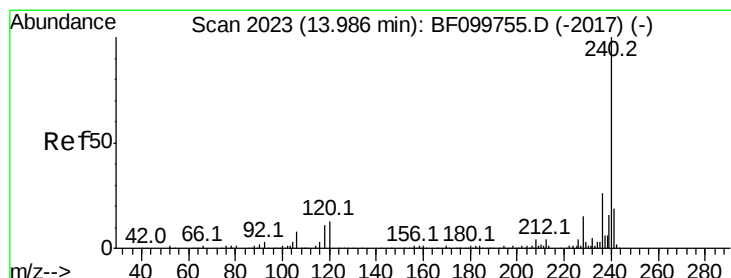
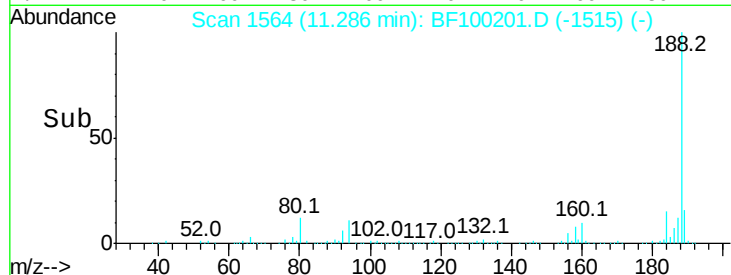
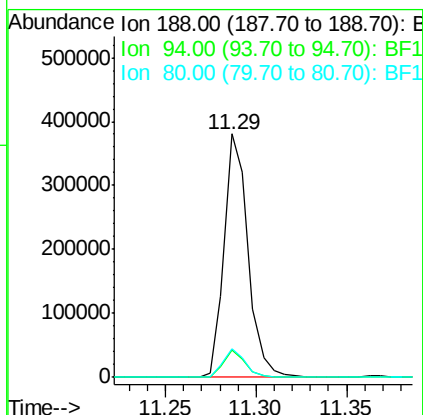
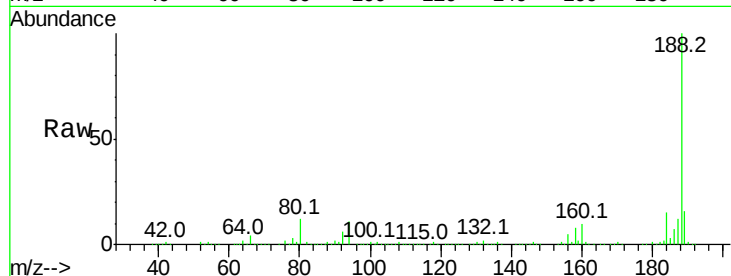




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

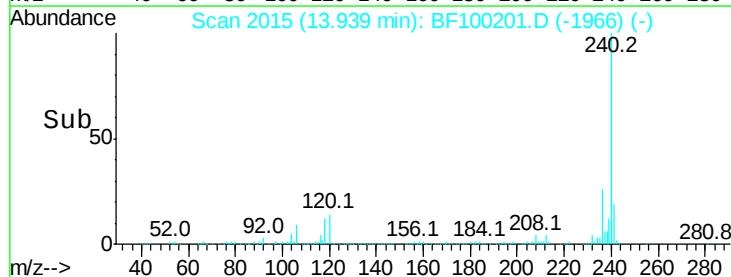
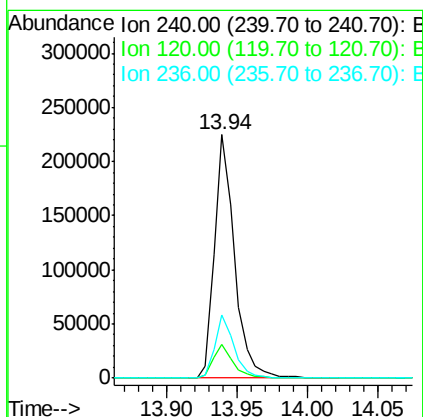
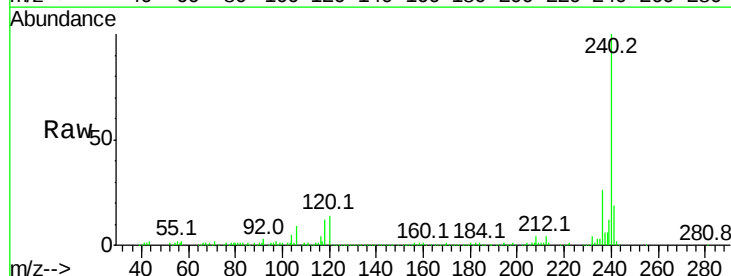
Instrument :
BNA_F
ClientSampleId :
B-EMH-F

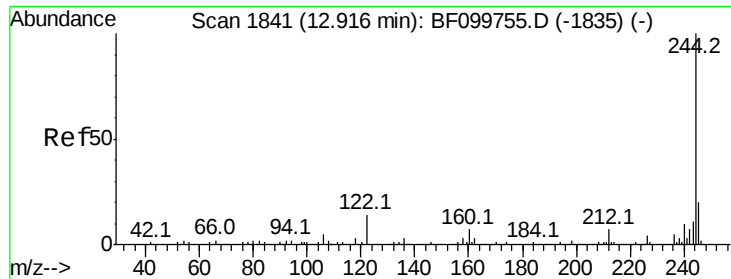
Tot Ion:188 Resp: 350668
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

Tgt Ion:240 Resp: 222134
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.8 20.7 31.1

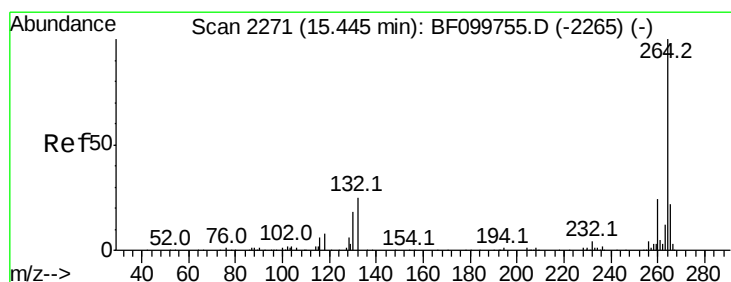
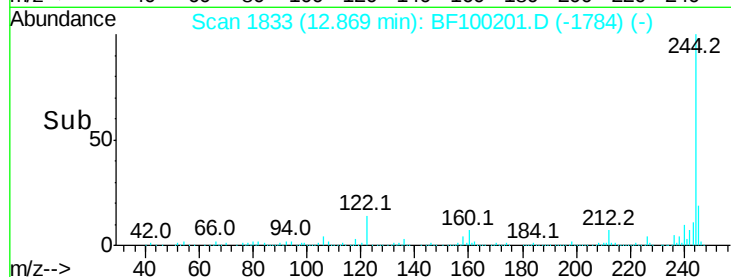
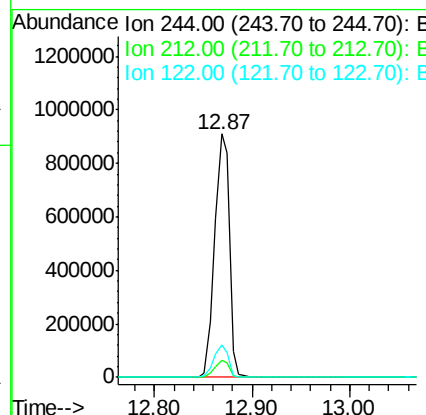
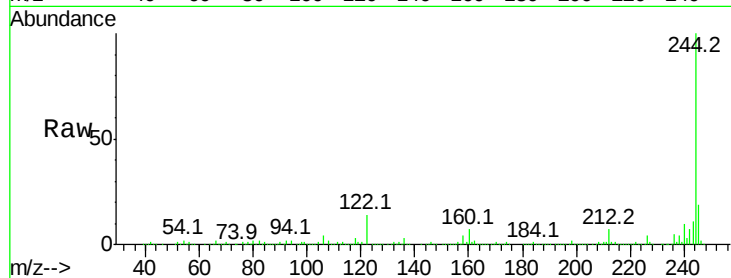




#78
 Terphenyl-d14
 Concen: 93.367 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 B-EMH-F

Tot Ion:244 Resp: 949039
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Tgt Ion:264 Resp: 157717
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.4 17.5 26.3

