

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100209.D
 Acq On : 5 Nov 2017 5:32
 Operator : SJ/JU
 Sample : I6327-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110217-JETT-F-U-S

Quant Time: Nov 06 04:02:23 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	97596	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	405932	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	192101	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	349363	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	222638	20.00	ng	-0.01
86) Perylene-d12	15.40	264	157696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	258748	41.62	ng	0.01
7) Phenol-d6	6.43	99	205379	27.86	ng	0.00
23) Nitrobenzene-d5	7.34	82	554835	88.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	158470	90.52	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1070033	85.94	ng	-0.01
78) Terphenyl-d14	12.87	244	1030545	101.16	ng	-0.01

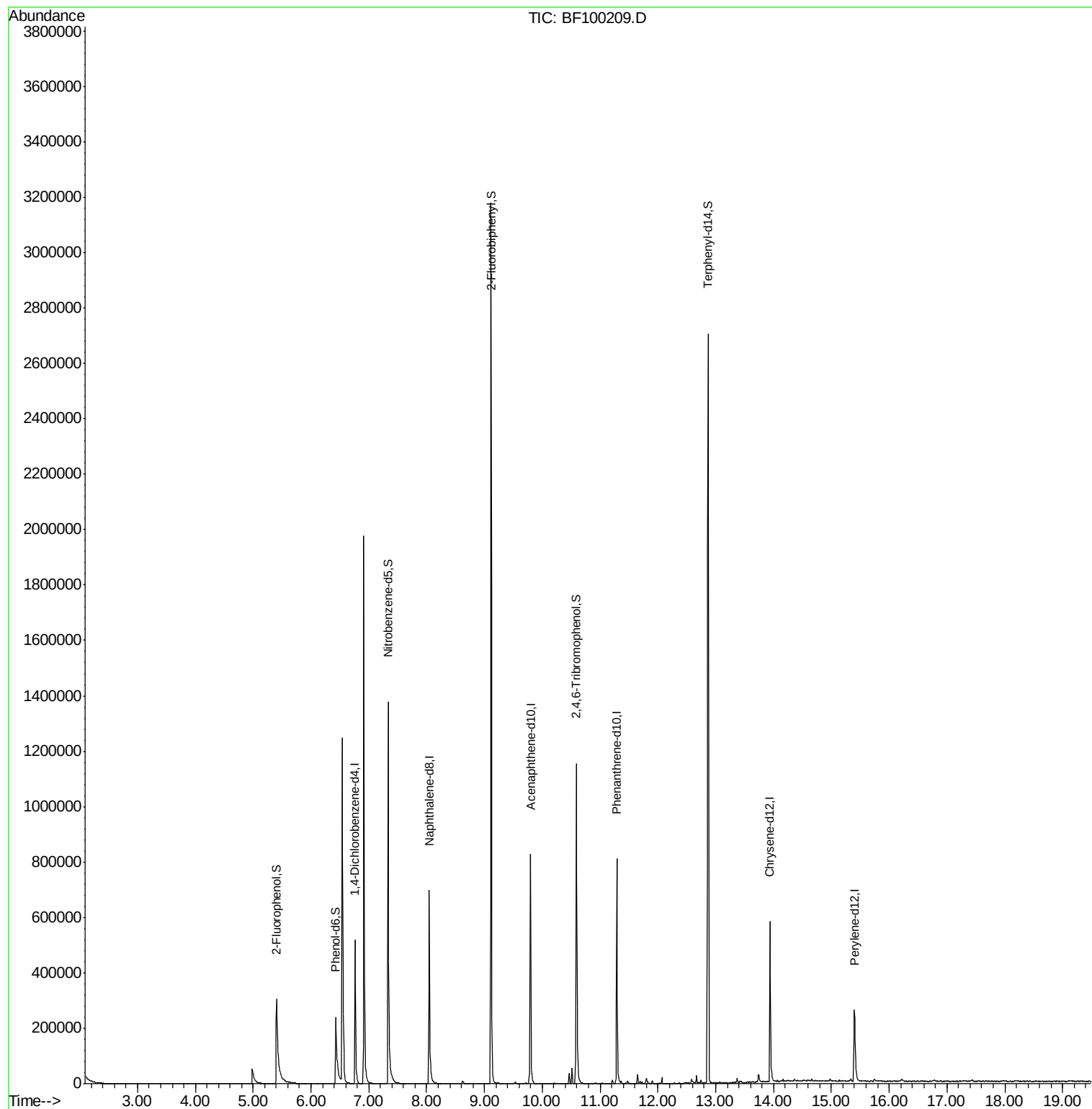
Target Compounds Qvalue

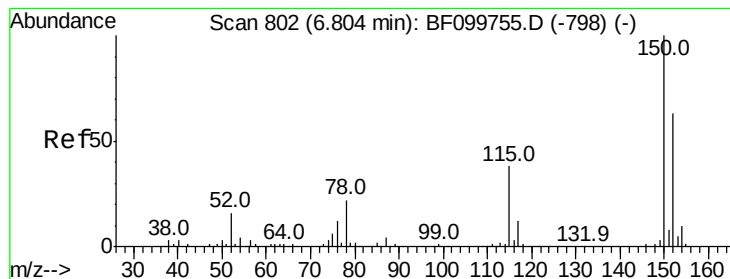
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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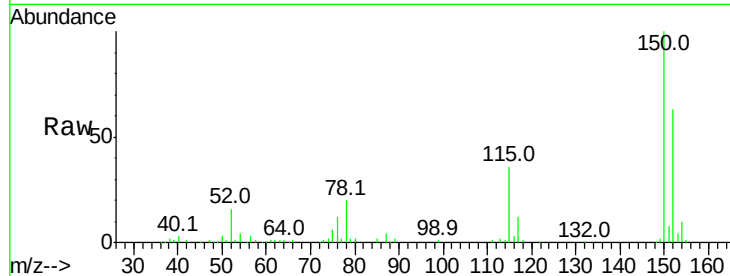


#1

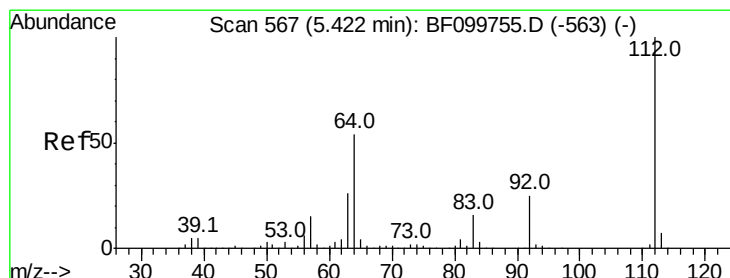
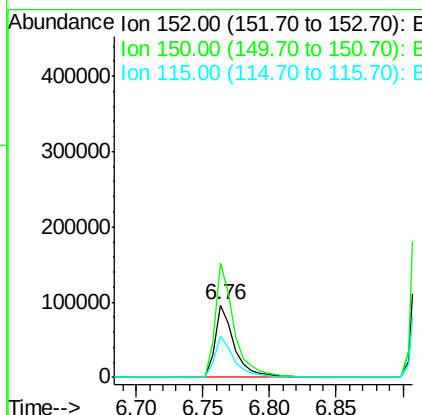
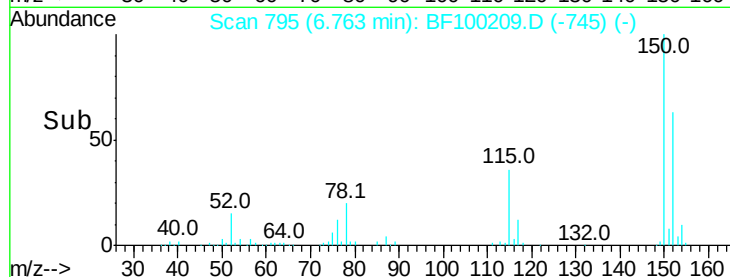
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100209.D
 Acq: 5 Nov 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 110217-JETT-F-U-S

Tot Ion:152 Resp: 97596
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 57.2 50.1 75.1



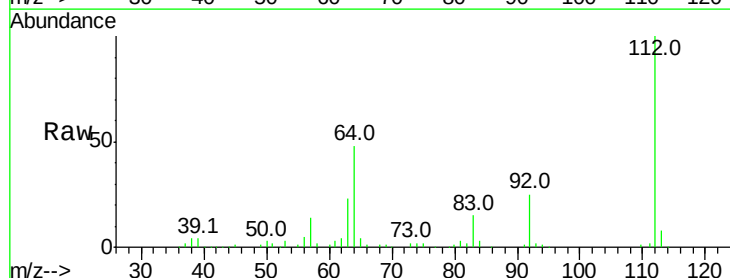
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



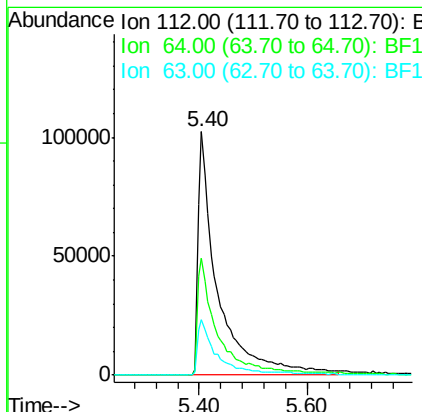
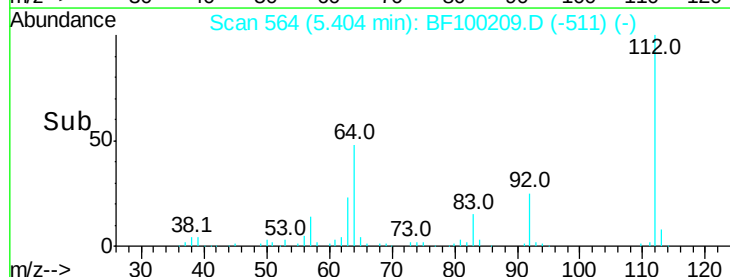
#5

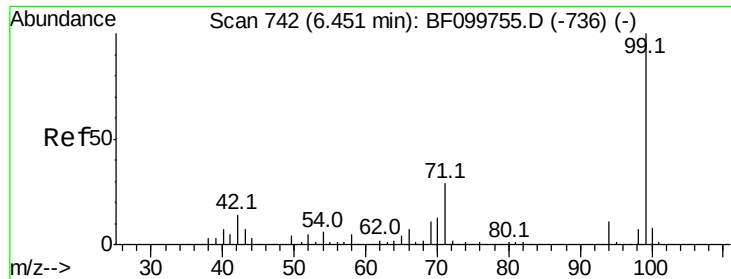
2-Fluorophenol
 Concen: 41.623 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100209.D
 Acq: 5 Nov 2017 5:32

Tgt Ion:112 Resp: 258748
 Ion Ratio Lower Upper
 112 100
 64 47.8 47.9 71.9#
 63 22.9 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: 27.863 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100209.D

Acq: 5 Nov 2017 5:32

Instrument :

BNA_F

ClientSampleId :

110217-JETT-F-U-S

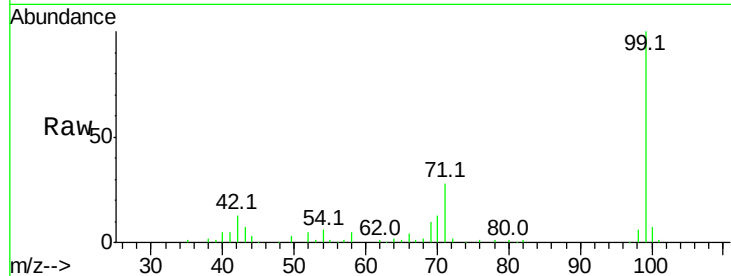
Tot Ion: 99 Resp: 205379

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

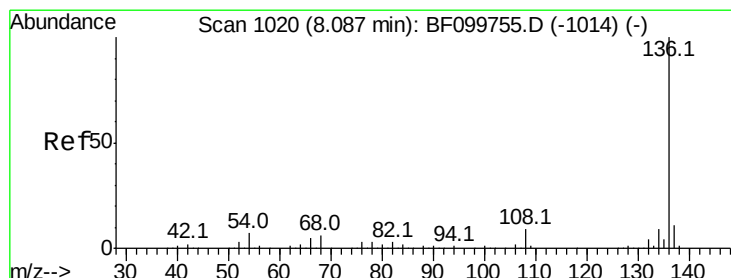
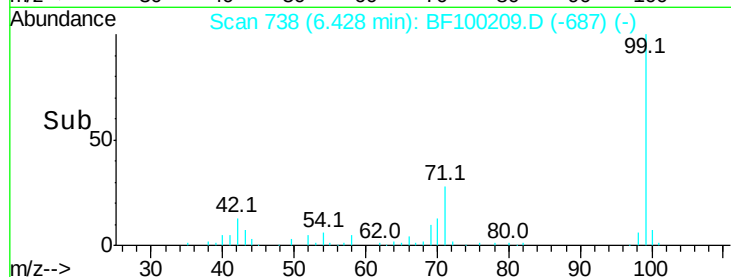
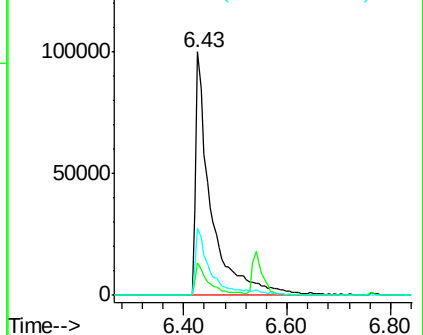
71 27.6 25.4 38.0



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: BF100209.D

Acq: 5 Nov 2017 5:32

Tgt Ion: 136 Resp: 405932

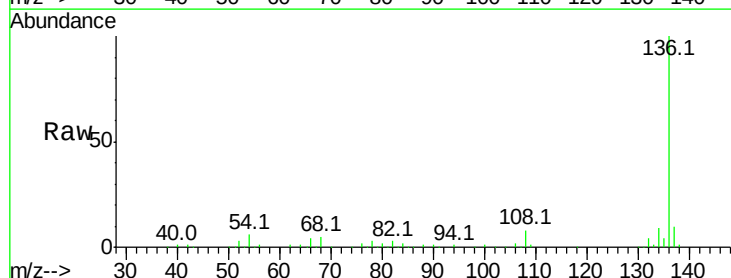
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

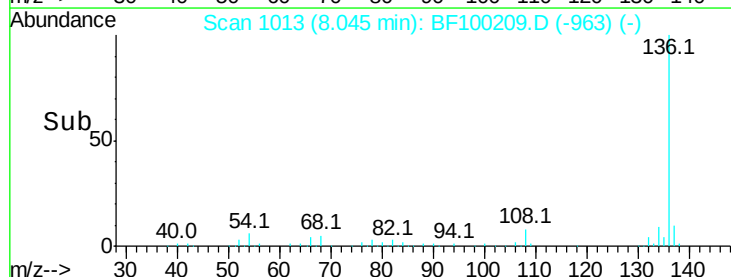
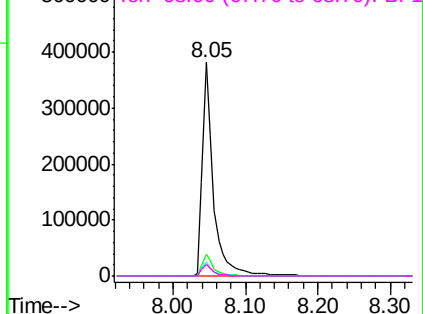


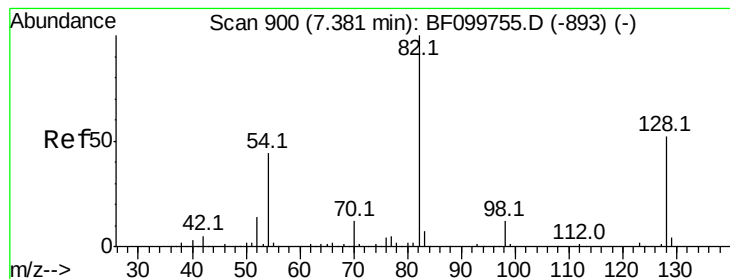
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.996 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100209.D

Acq: 5 Nov 2017 5:32

Instrument :

BNA_F

ClientSampleId :

110217-JETT-F-U-S

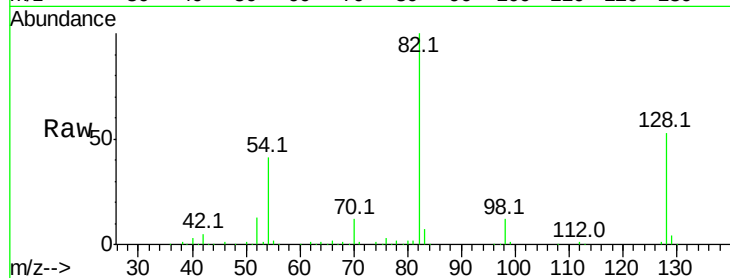
Tot Ion: 82 Resp: 554835

Ion Ratio Lower Upper

82 100

128 52.8 36.1 54.1

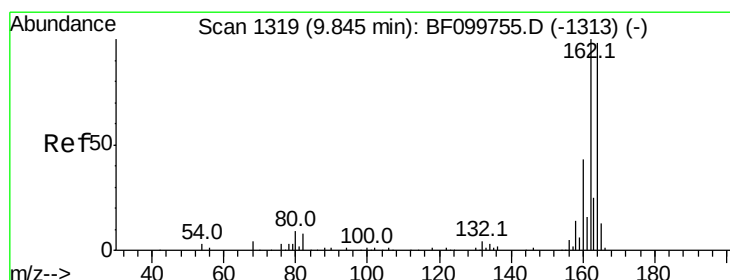
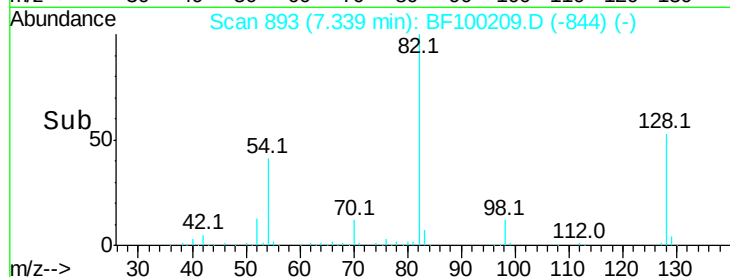
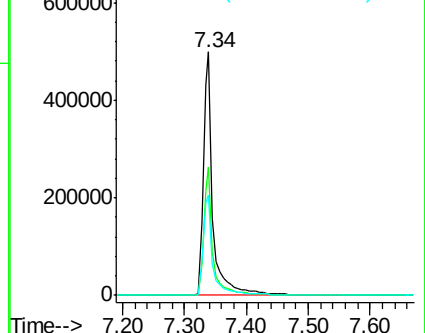
54 41.2 41.4 62.2#



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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100209.D

Acq: 5 Nov 2017 5:32

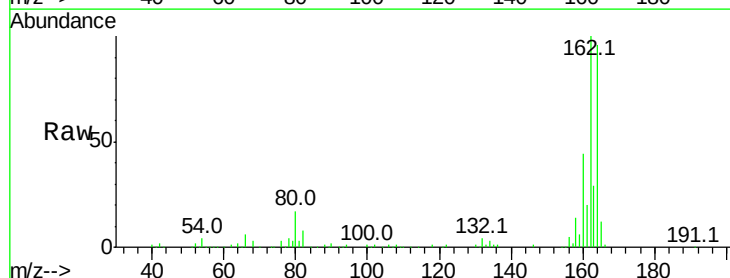
Tgt Ion: 164 Resp: 192101

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

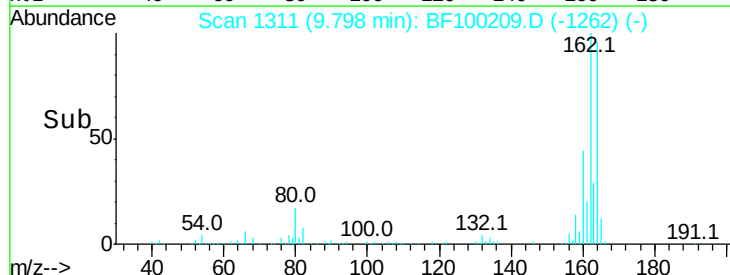
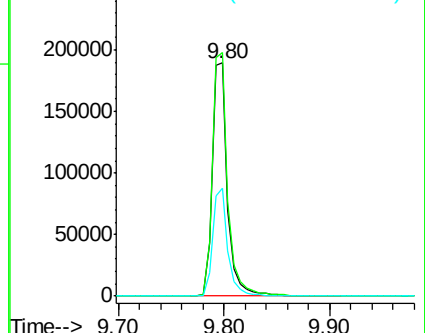
160 46.3 38.3 57.5

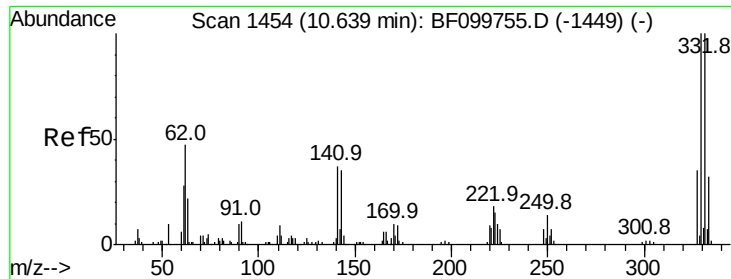


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

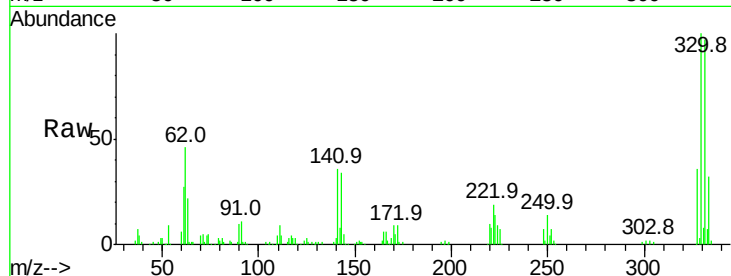




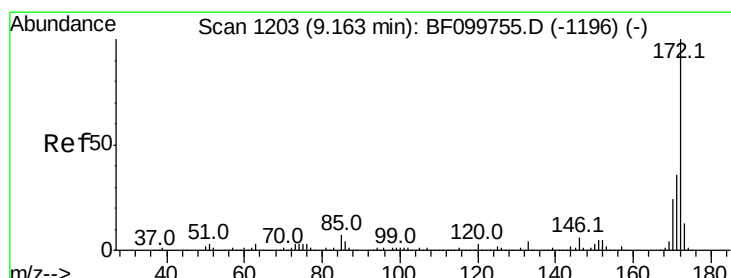
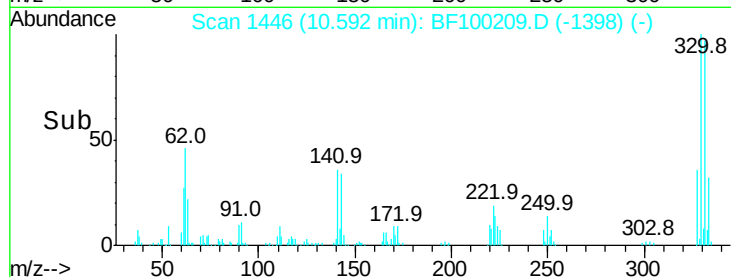
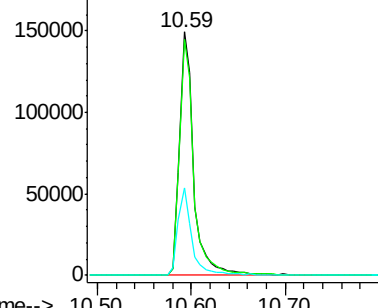
#41
 2,4,6-Tribromophenol
 Concen: 90.521 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100209.D
 Acq: 5 Nov 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 110217-JETT-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	34.7	29.9	44.9

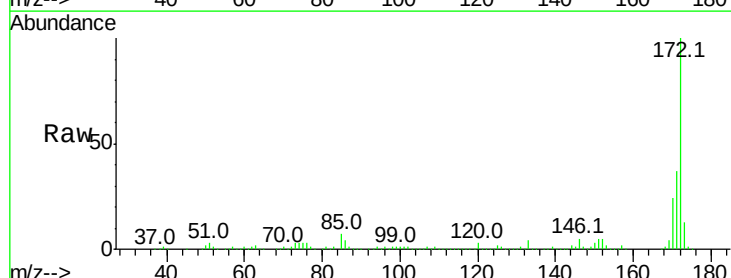


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

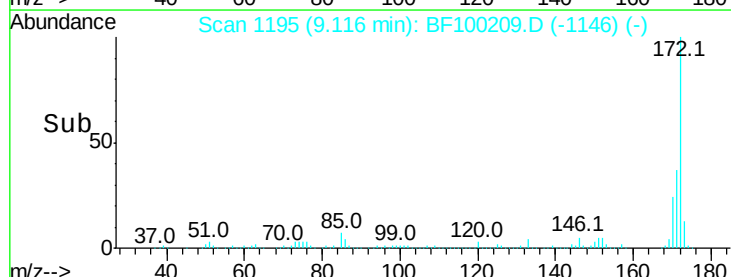
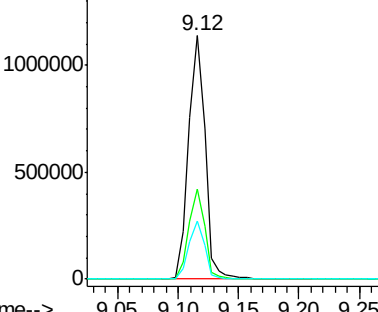


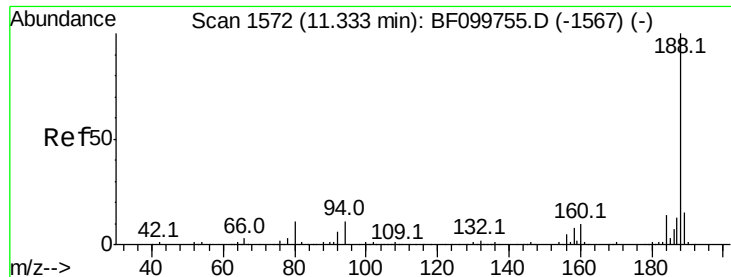
#44
 2-Fluorobiphenyl
 Concen: 85.939 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100209.D
 Acq: 5 Nov 2017 5:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.7	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

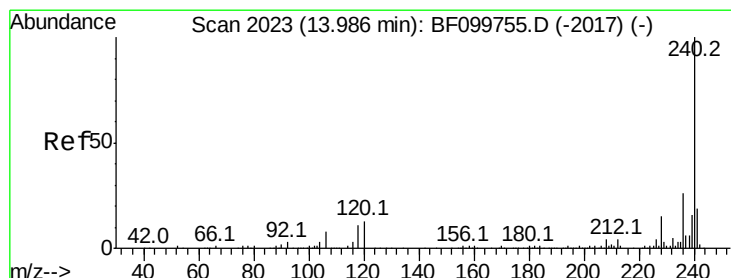
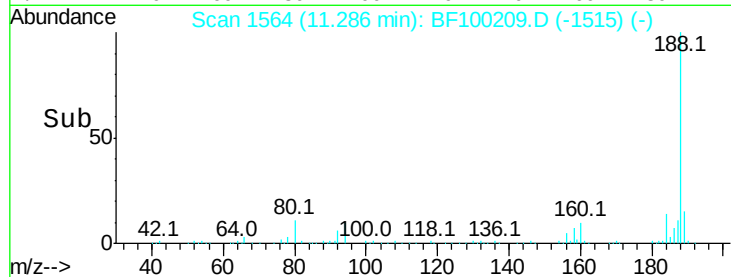
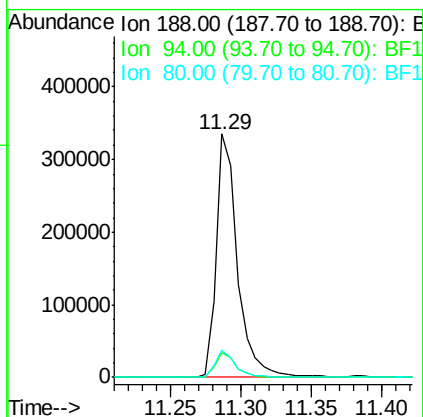
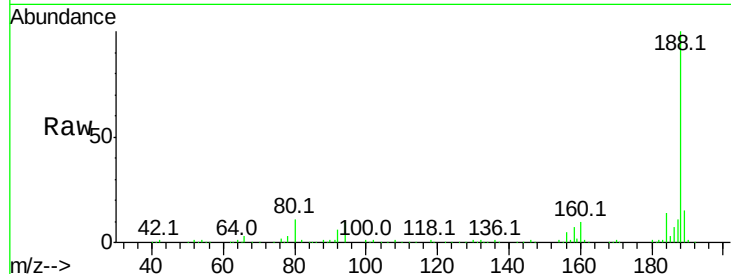




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100209.D
Acq: 5 Nov 2017 5:32

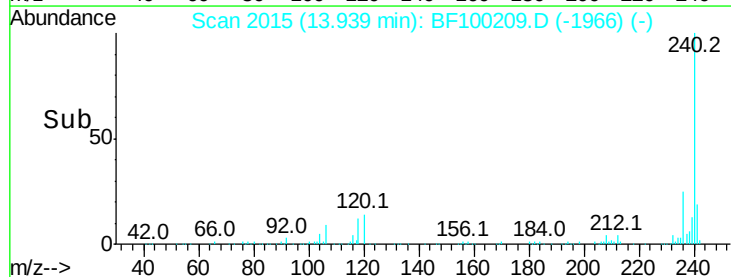
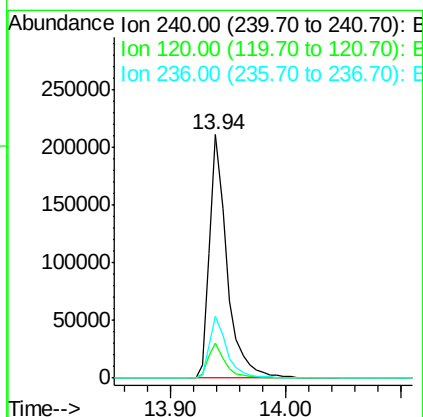
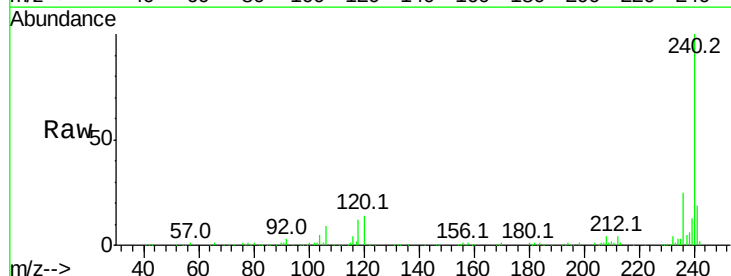
Instrument :
BNA_F
ClientSampleId :
110217-JETT-F-U-S

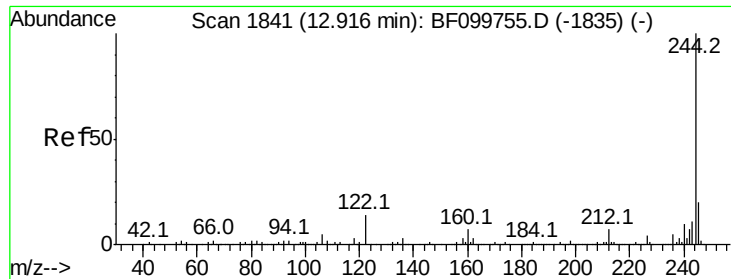
Tot Ion:188 Resp: 349363
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100209.D
Acq: 5 Nov 2017 5:32

Tgt Ion:240 Resp: 222638
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 101.156 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100209.D

Acq: 5 Nov 2017 5:32

Instrument :

BNA_F

ClientSampleId :

110217-JETT-F-U-S

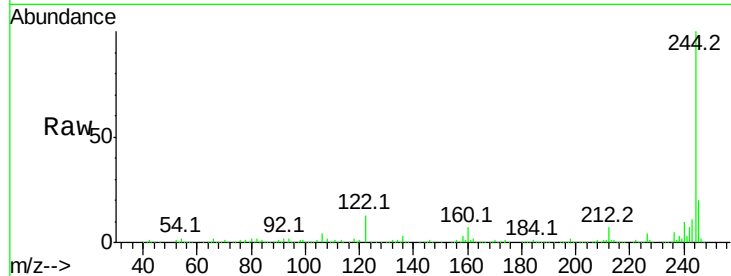
Tot Ion:244 Resp: 1030545

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

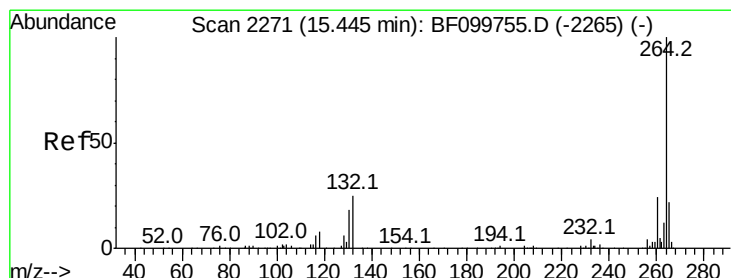
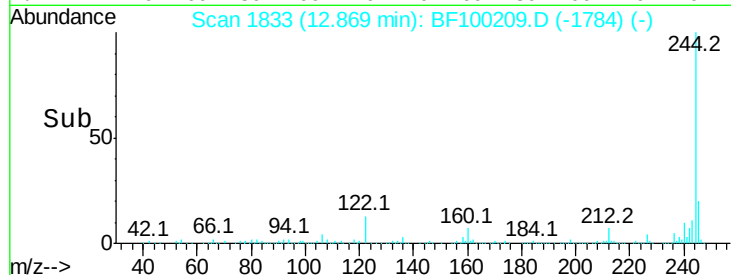
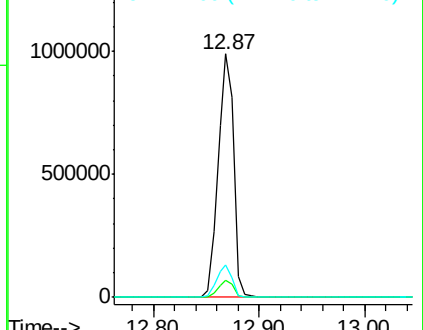
122 13.3 11.0 16.4



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: BF100209.D

Acq: 5 Nov 2017 5:32

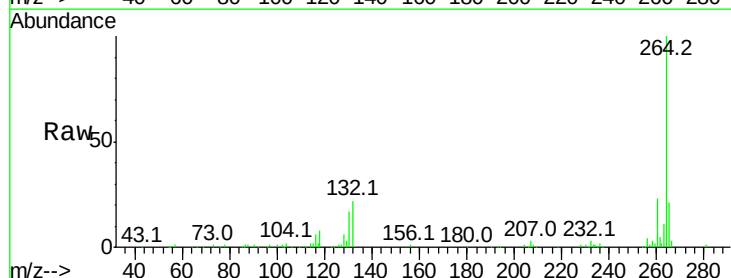
Tgt Ion:264 Resp: 157696

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.7 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

