

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100650.D
 Acq On : 17 Nov 2017 00:59
 Operator : SJ/JU
 Sample : I6490-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111417-JETT-E-U-B

Quant Time: Nov 17 03:02:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	108791	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	412309	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178595	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	297074	20.00	ng	0.00
75) Chrysene-d12	14.04	240	222488	20.00	ng	0.00
86) Perylene-d12	15.52	264	200308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	323843	47.72	ng	0.00
7) Phenol-d6	6.50	99	251554	30.06	ng	-0.01
23) Nitrobenzene-d5	7.45	82	647411	103.81	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	149404	82.10	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1185993	101.12	ng	0.00
78) Terphenyl-d14	12.99	244	833863	86.12	ng	0.00

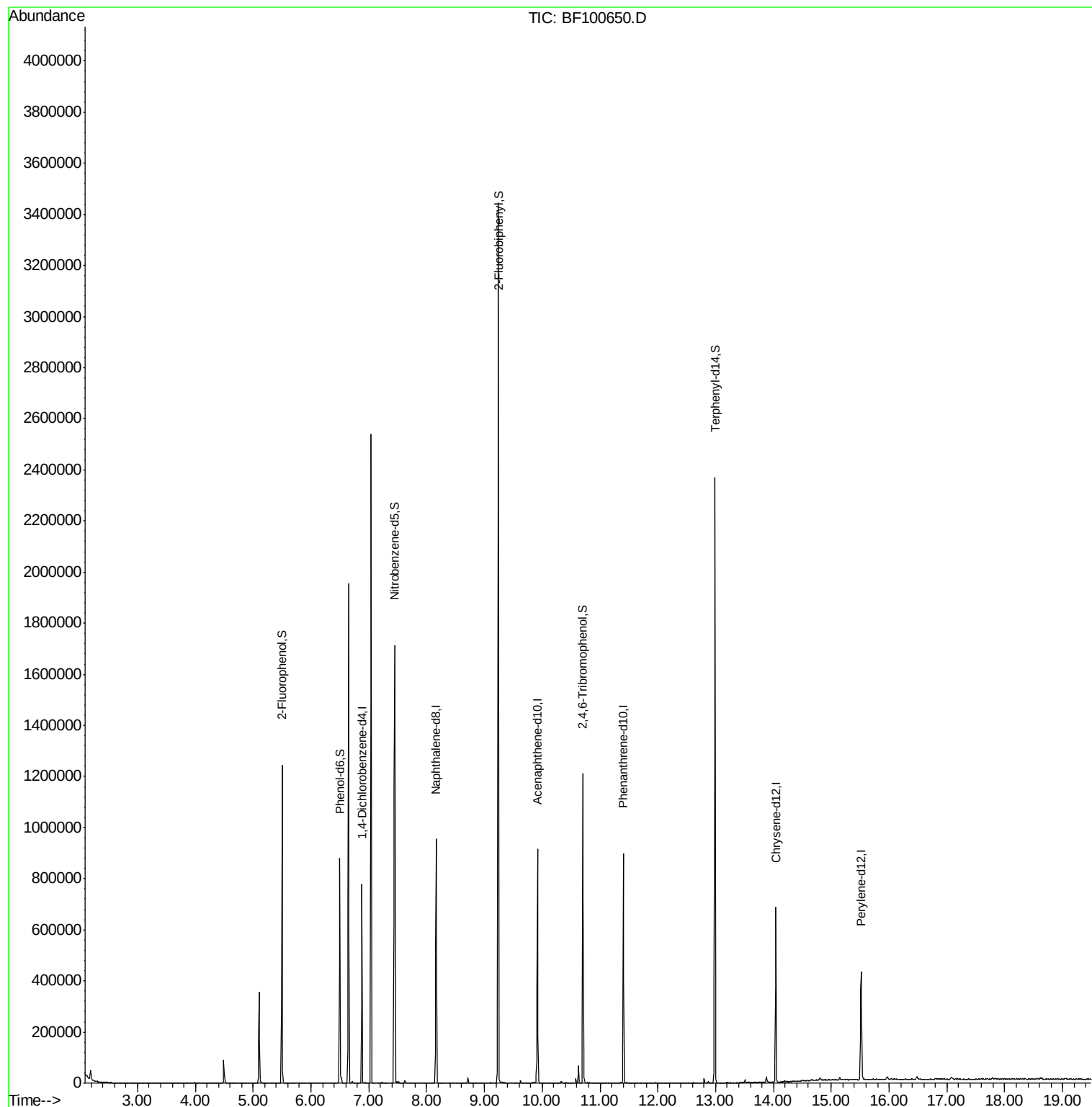
Target Compounds Qvalue

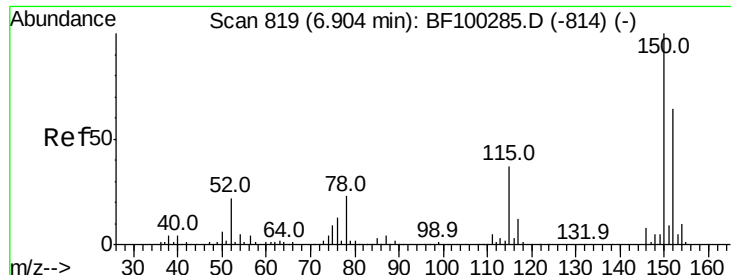
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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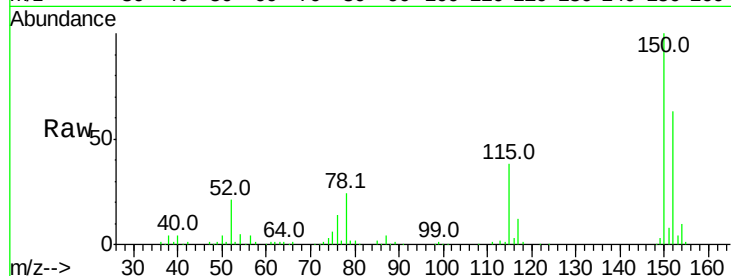


#1

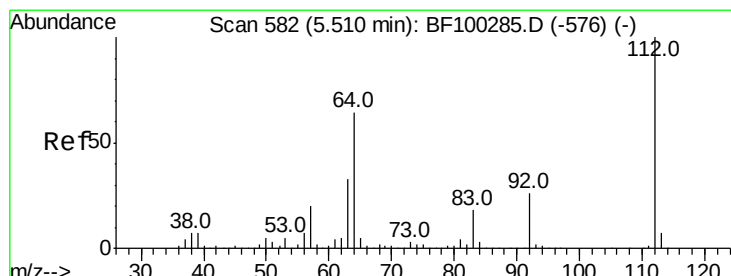
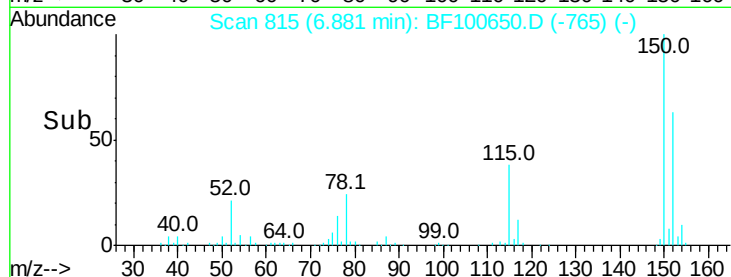
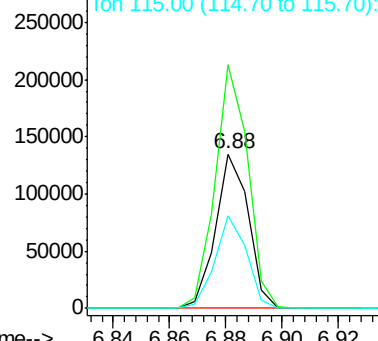
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-B

Tot Ion:152 Resp: 108791
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.1 50.1 75.1



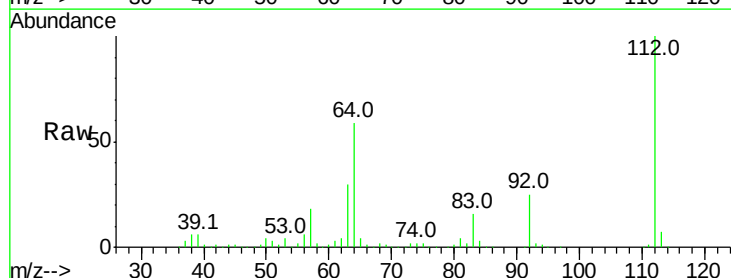
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



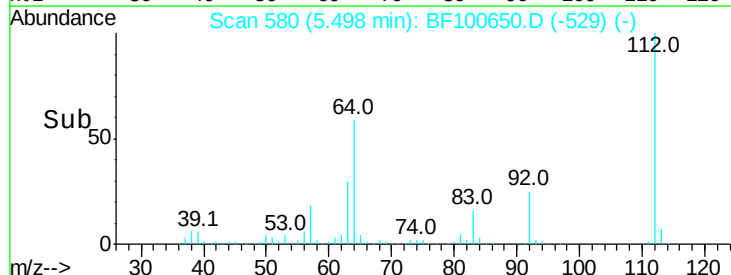
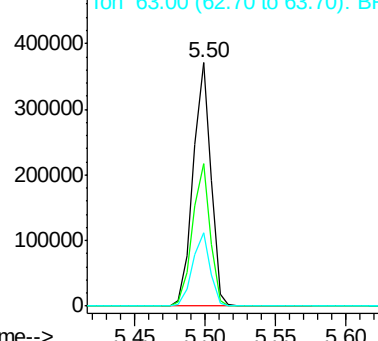
#5

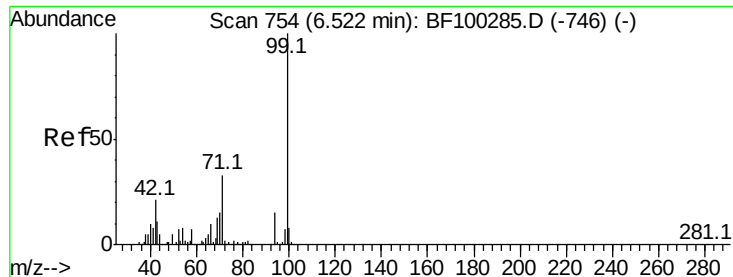
2-Fluorophenol
Concen: 47.717 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Tgt Ion:112 Resp: 323843
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.3 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: 30.058 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-B

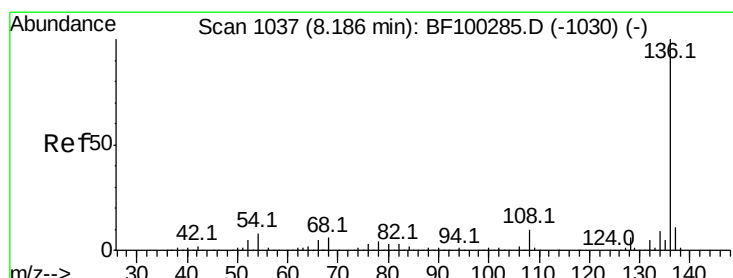
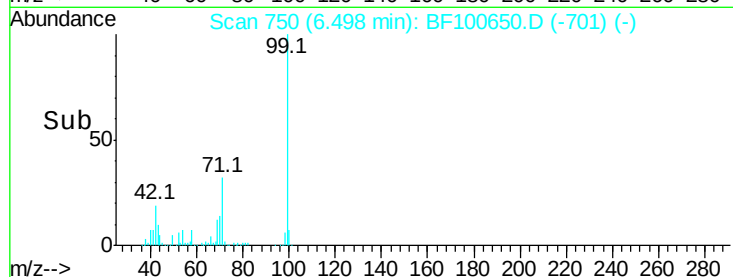
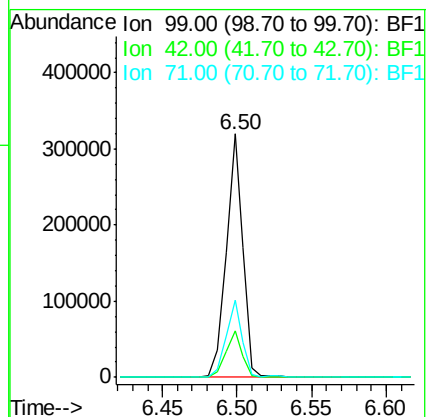
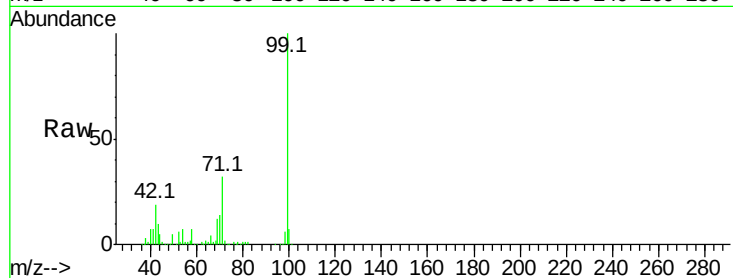
Tot Ion: 99 Resp: 251554

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Tgt Ion: 136 Resp: 412309

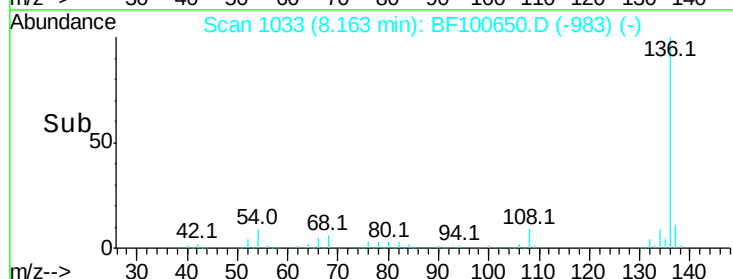
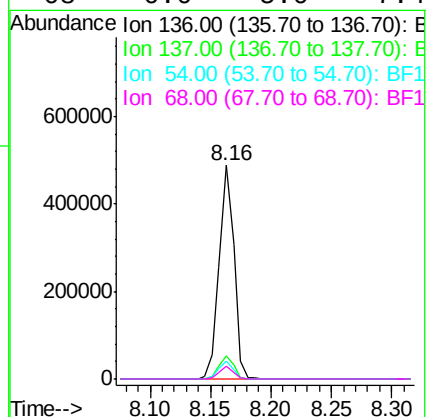
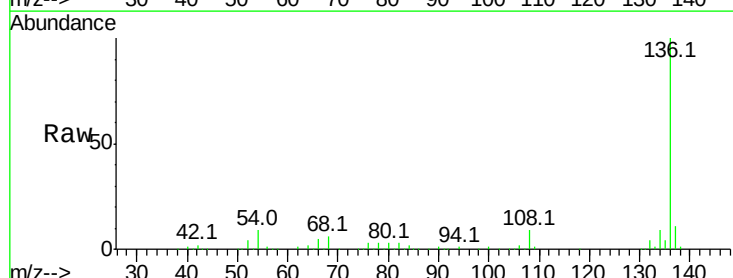
Ion Ratio Lower Upper

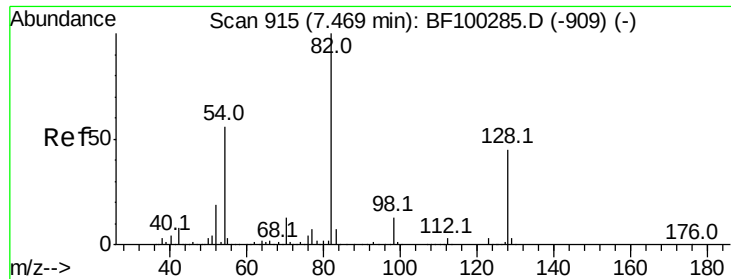
136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 103.812 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-B

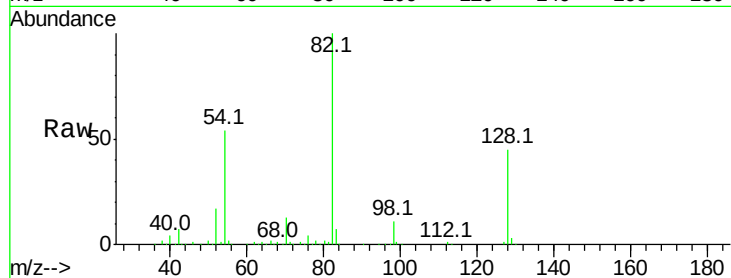
Tot Ion: 82 Resp: 647411

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

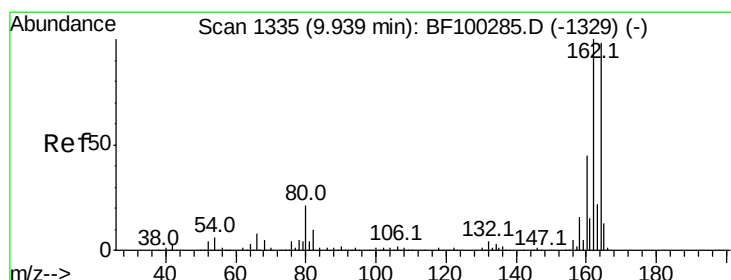
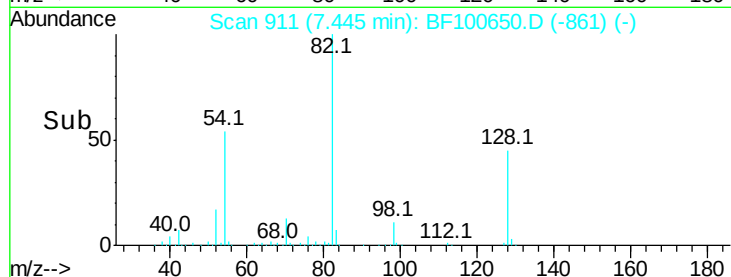
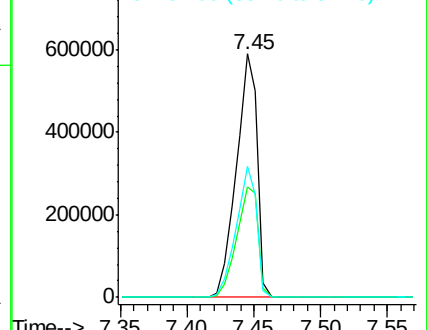
54 53.6 41.4 62.2



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

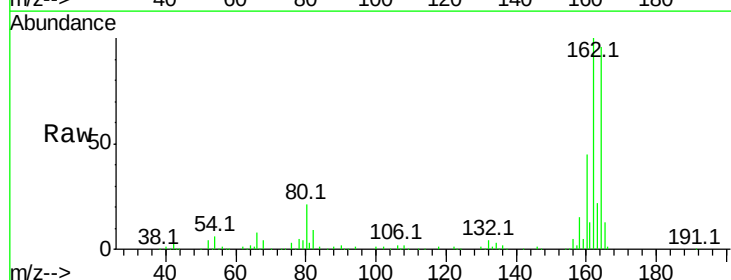
Tgt Ion:164 Resp: 178595

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

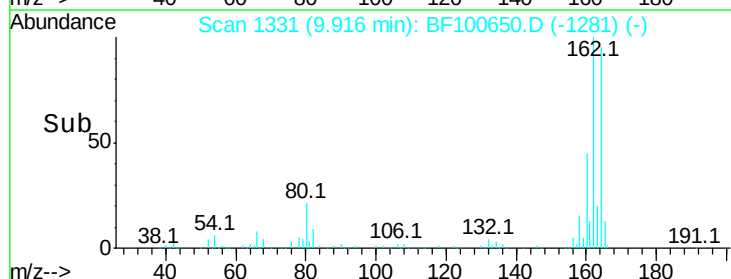
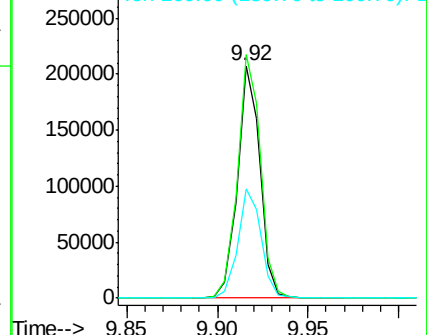
160 46.9 38.3 57.5

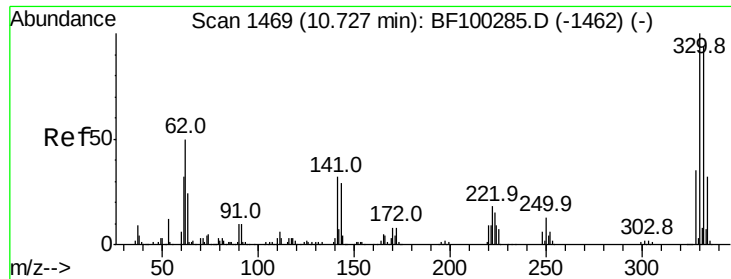


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 82.095 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-B

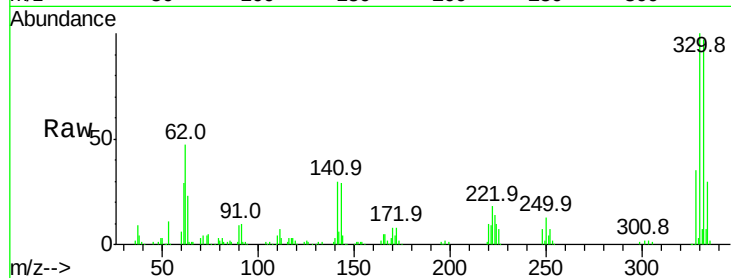
Tot Ion:330 Resp: 149404

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

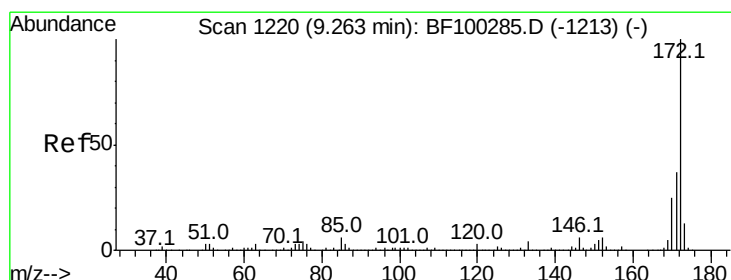
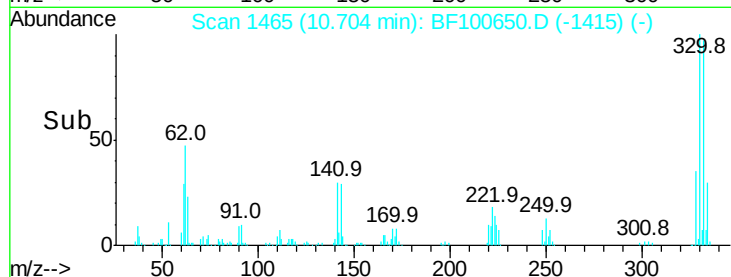
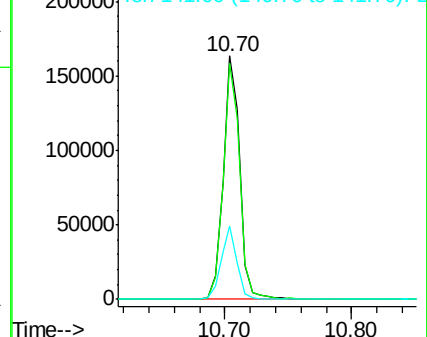
141 28.9 29.9 44.9#



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: 101.118 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

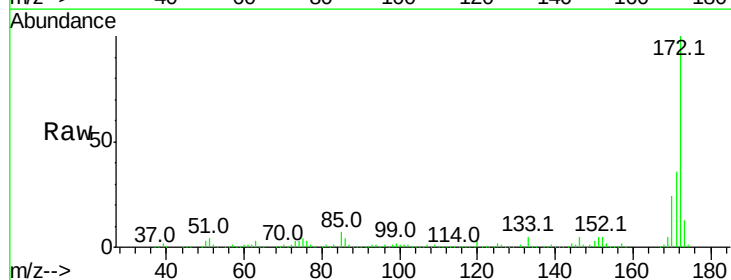
Tgt Ion:172 Resp: 1185993

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

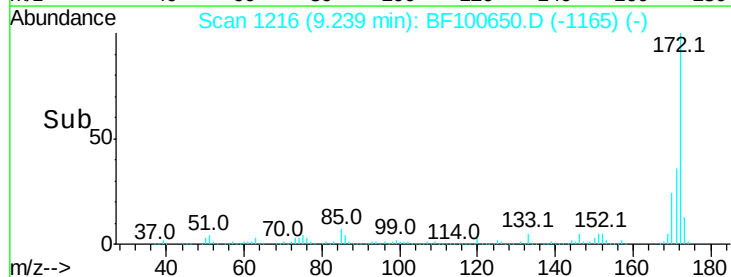
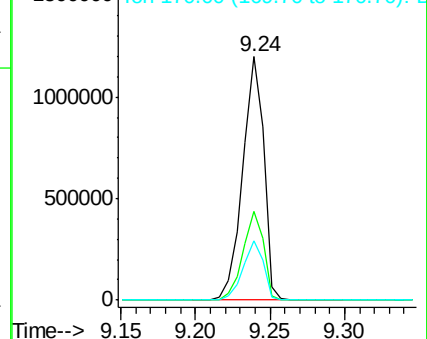
170 24.4 19.6 29.4

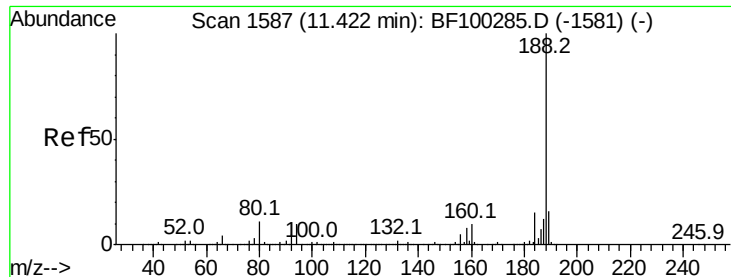


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

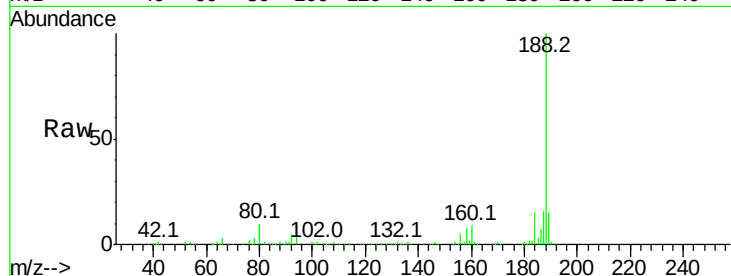




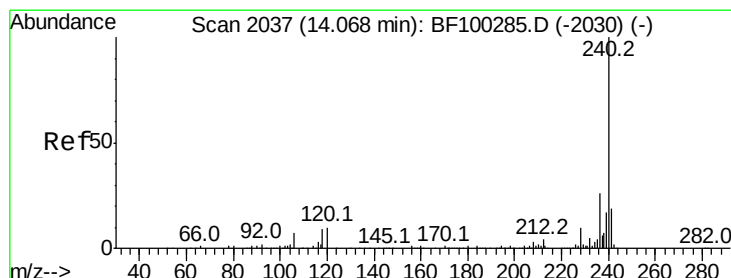
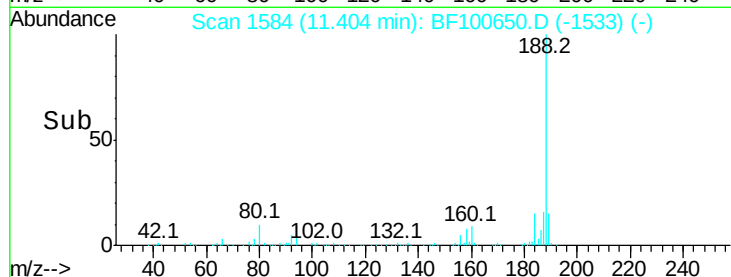
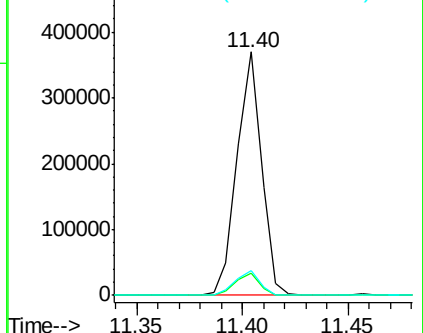
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-B

Tot Ion:188 Resp: 297074
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.9 9.2 13.8

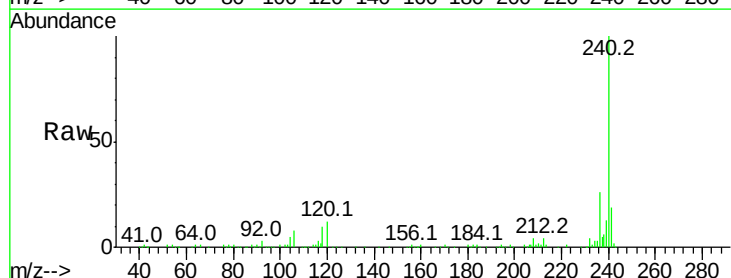


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

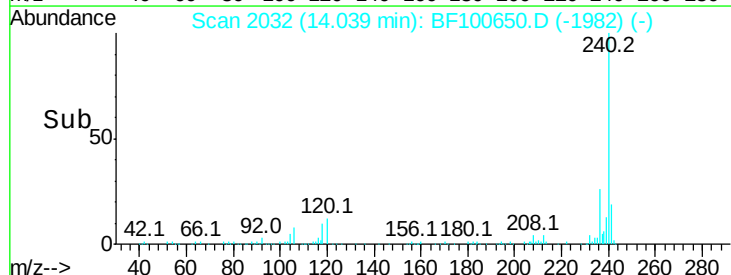
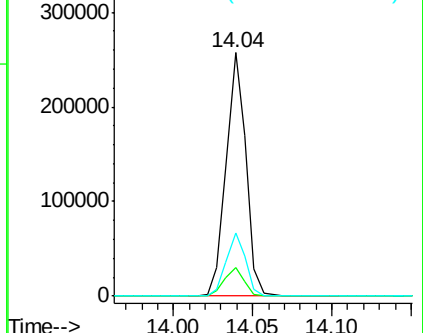


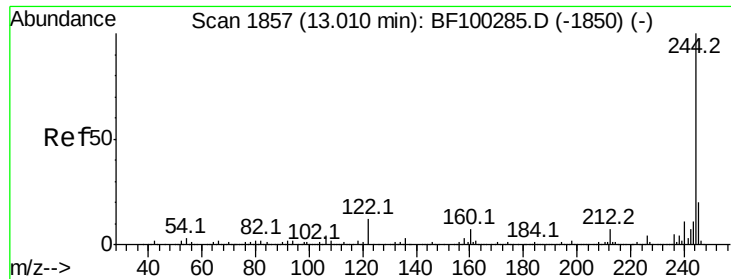
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Tgt Ion:240 Resp: 222488
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.8 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: 86.116 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-B

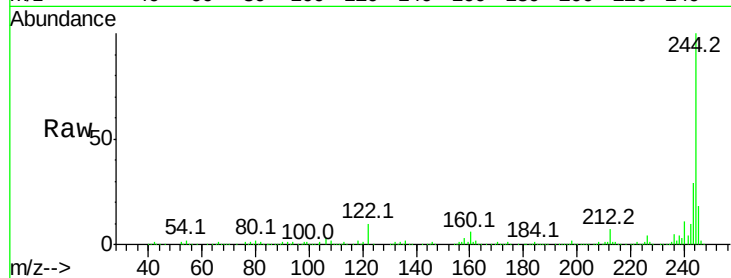
Tot Ion:244 Resp: 833863

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

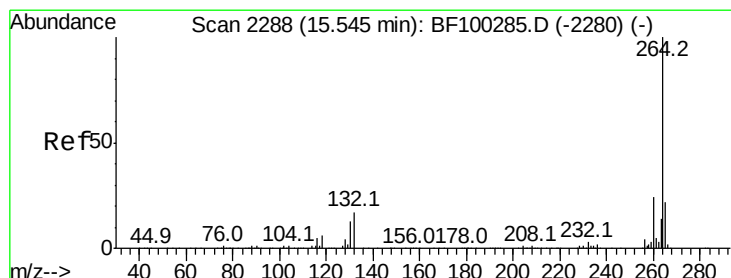
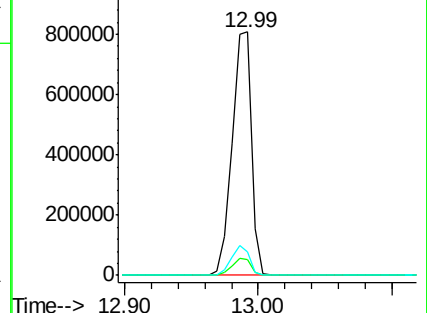
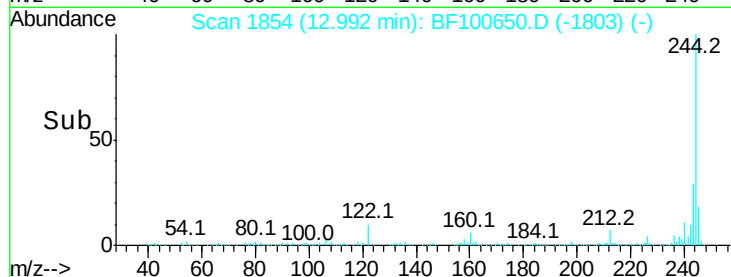
122 9.6 11.0 16.4#



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: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

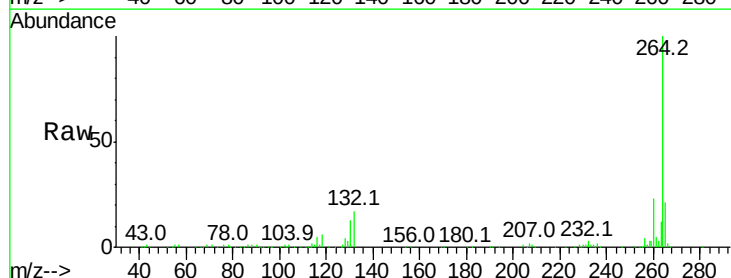
Tgt Ion:264 Resp: 200308

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.4 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

