

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111217\
 Data File : BF100491.D
 Acq On : 12 Nov 2017 15:53
 Operator : SJ/JU
 Sample : I6403-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110817-JETT-F-U-S

Quant Time: Nov 13 06:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128426	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	481693	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	200017	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	312715	20.00	ng	0.00
75) Chrysene-d12	14.06	240	264331	20.00	ng	0.00
86) Perylene-d12	15.54	264	184759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	327697	40.90	ng	0.00
7) Phenol-d6	6.52	99	253491	25.66	ng	-0.01
23) Nitrobenzene-d5	7.46	82	727488	99.85	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	151552	74.36	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1290828	98.27	ng	0.00
78) Terphenyl-d14	13.01	244	877456	76.27	ng	0.00

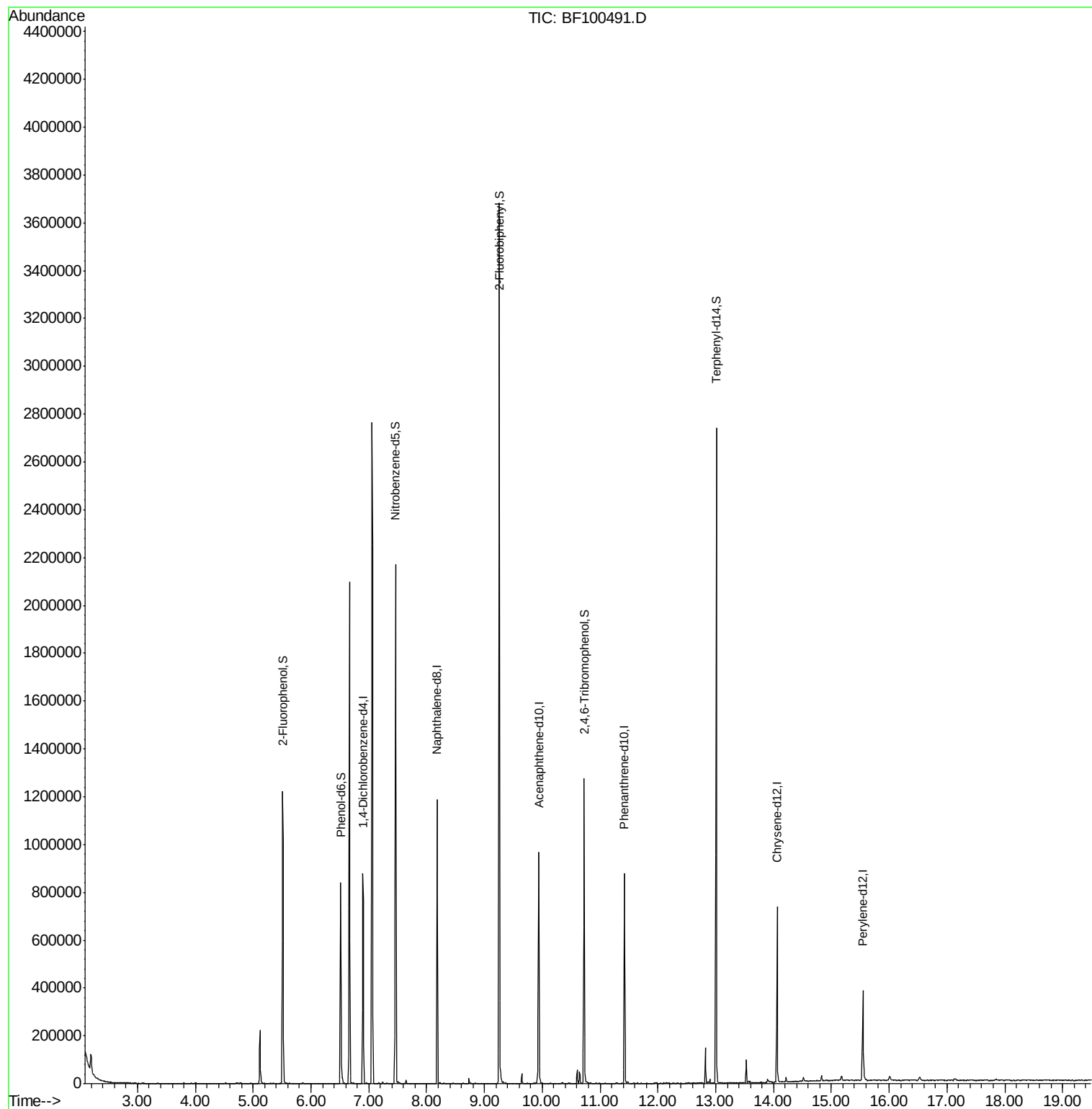
Target Compounds Qvalue

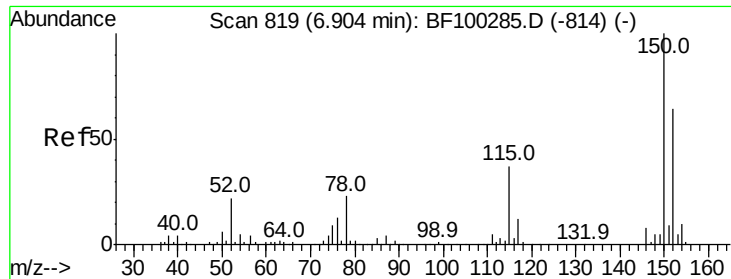
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

Instrument :

BNA_F

ClientSampleId :

110817-JETT-F-U-S

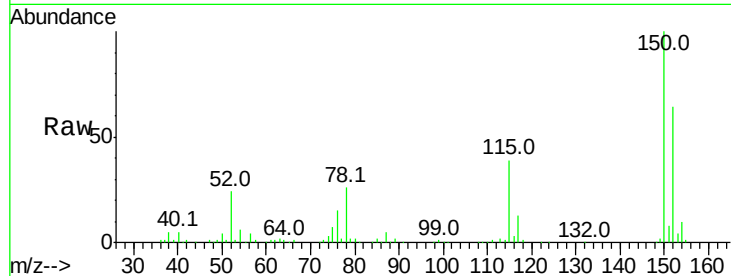
Tot Ion:152 Resp: 128426

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

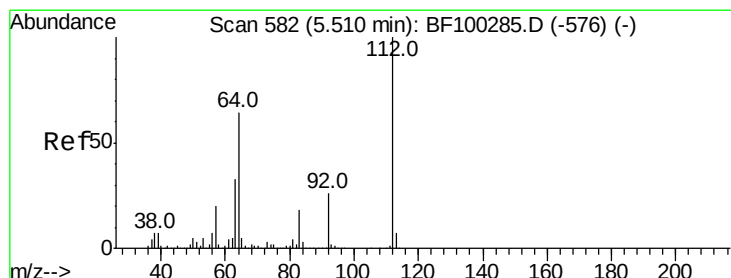
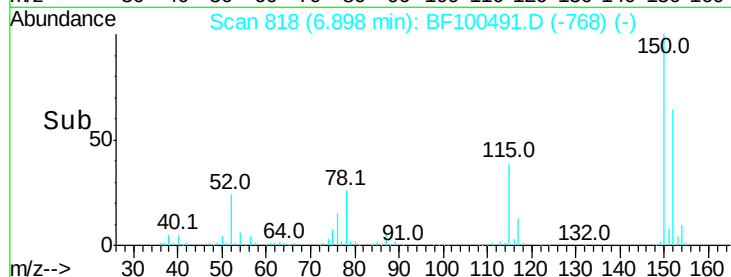
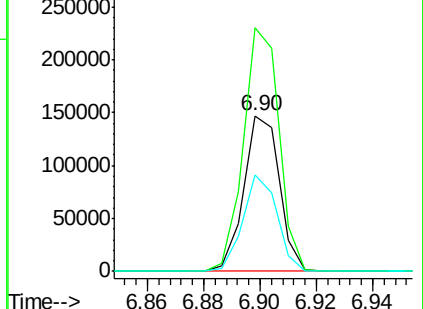
115 61.8 50.1 75.1



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: 40.902 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

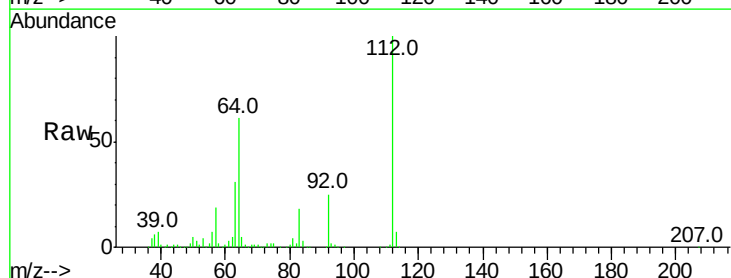
Tgt Ion:112 Resp: 327697

Ion Ratio Lower Upper

112 100

64 61.1 47.9 71.9

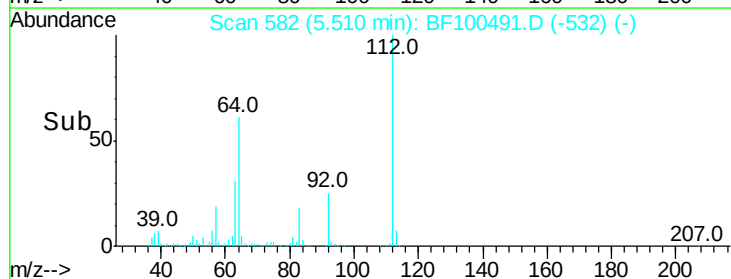
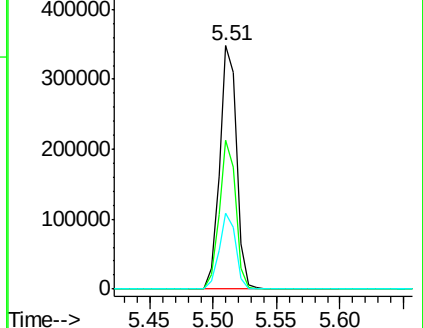
63 31.4 23.7 35.5

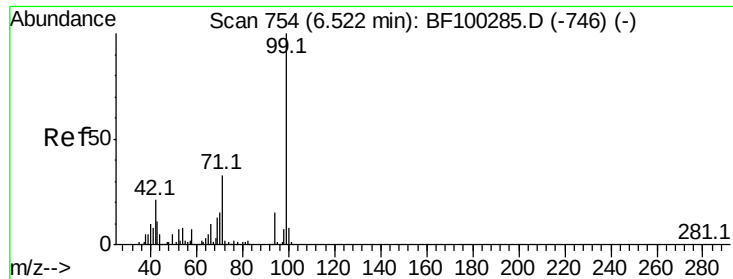


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.658 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

Instrument :

BNA_F

ClientSampleId :

110817-JETT-F-U-S

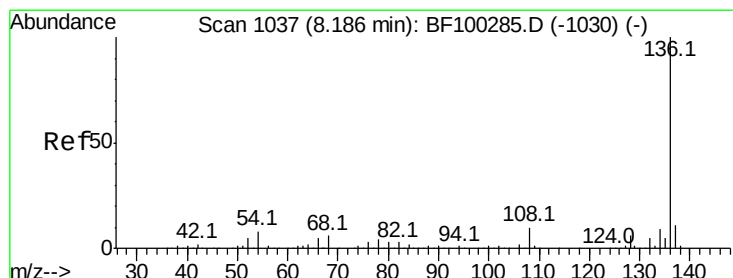
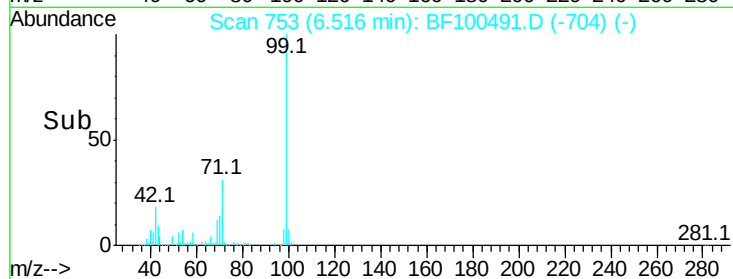
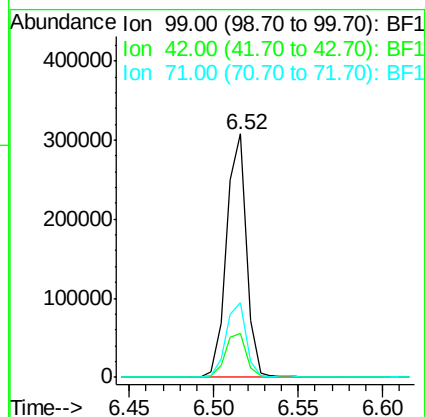
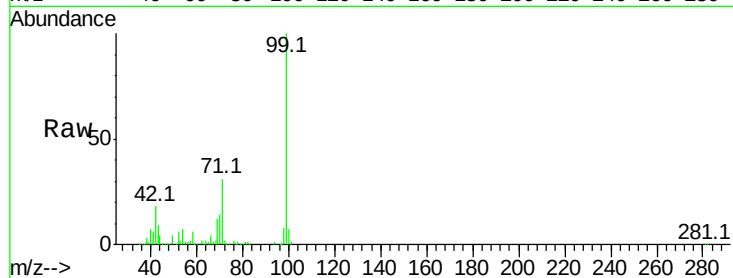
Tot Ion: 99 Resp: 253491

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 30.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

Tgt Ion: 136 Resp: 481693

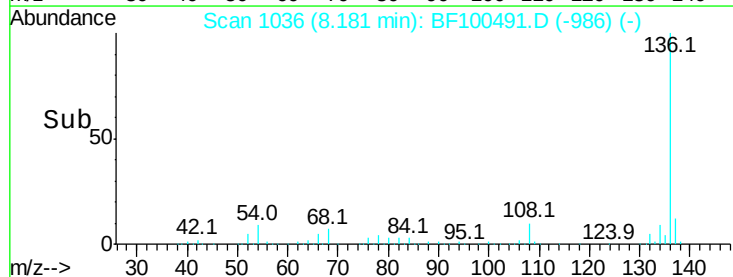
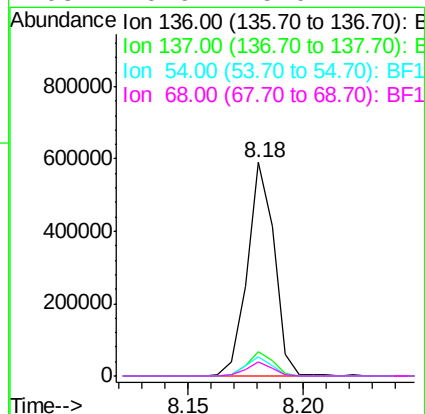
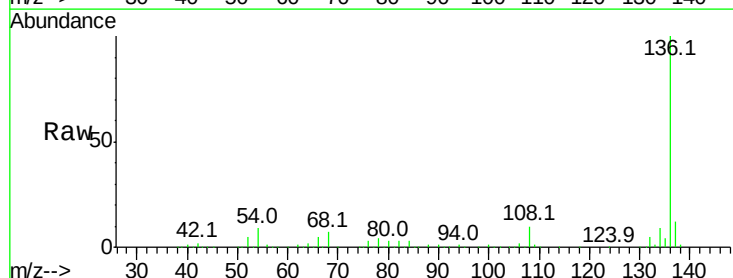
Ion Ratio Lower Upper

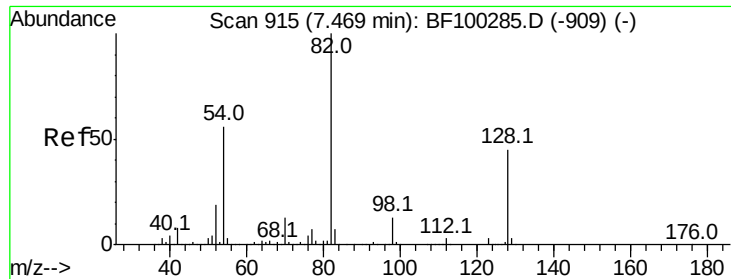
136 100

137 11.5 8.9 13.3

54 8.9 6.6 9.8

68 6.6 5.0 7.4

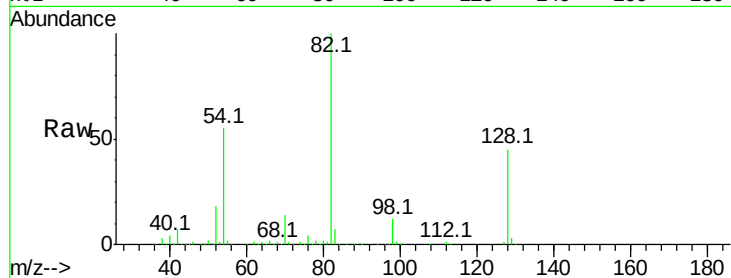




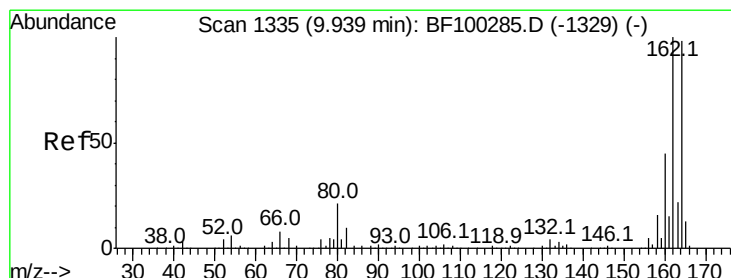
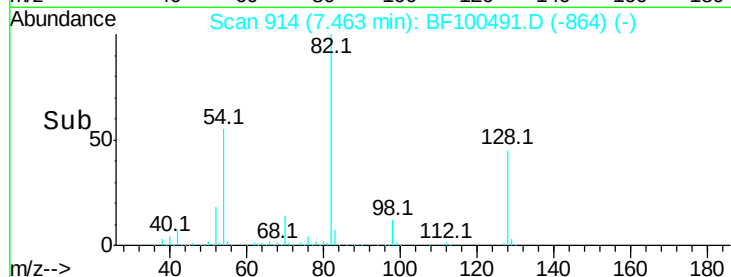
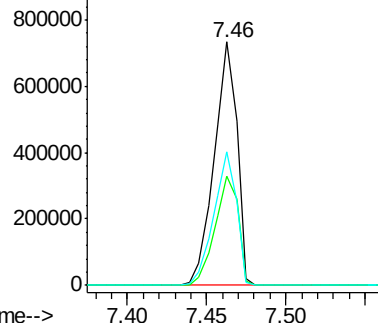
#23
 Nitrobenzene-d5
 Concen: 99.849 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100491.D
 Acq: 12 Nov 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 110817-JETT-F-U-S

Tot Ion: 82 Resp: 727488
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 55.1 41.4 62.2

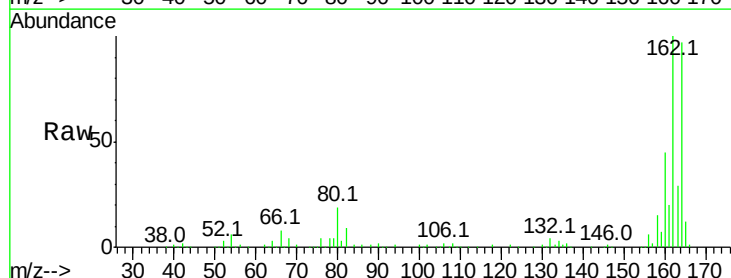


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

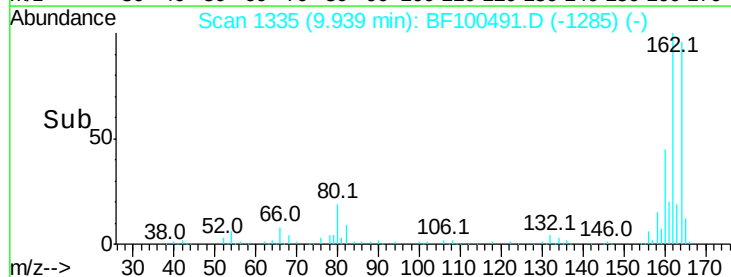
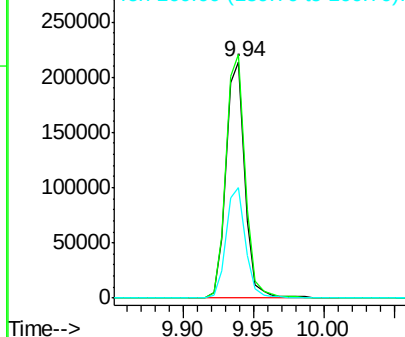


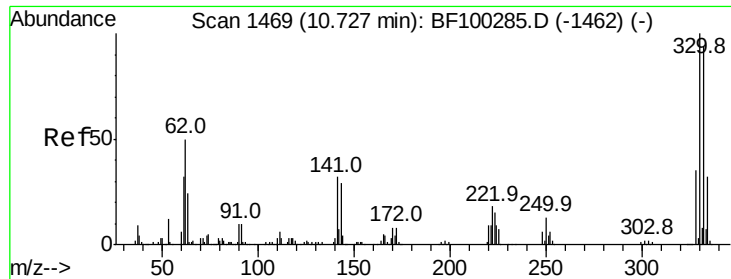
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100491.D
 Acq: 12 Nov 2017 15:53

Tgt Ion: 164 Resp: 200017
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 300000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

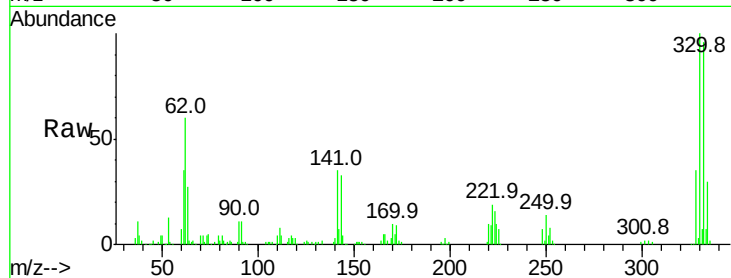




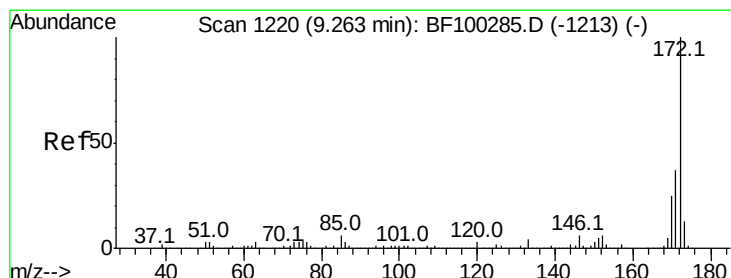
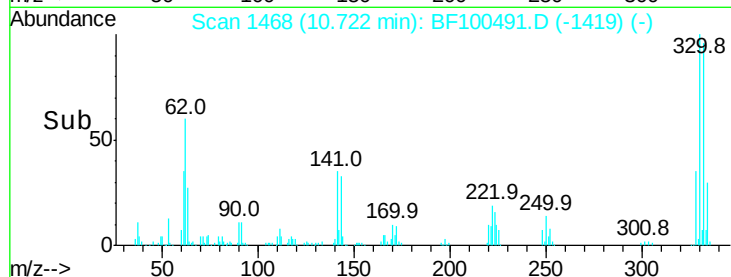
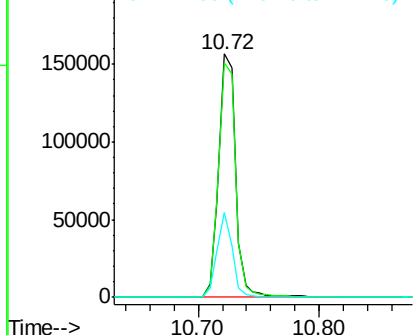
#41
 2,4,6-Tribromophenol
 Concen: 74.357 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100491.D
 Acq: 12 Nov 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 110817-JETT-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.5	29.9	44.9

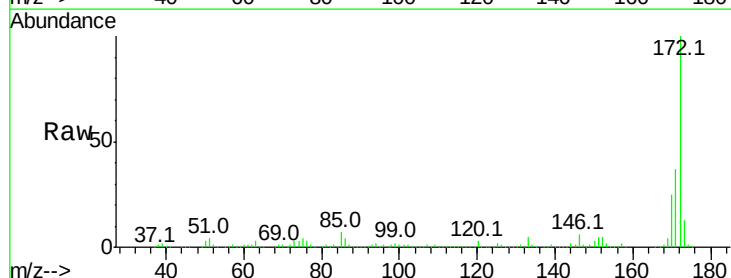


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

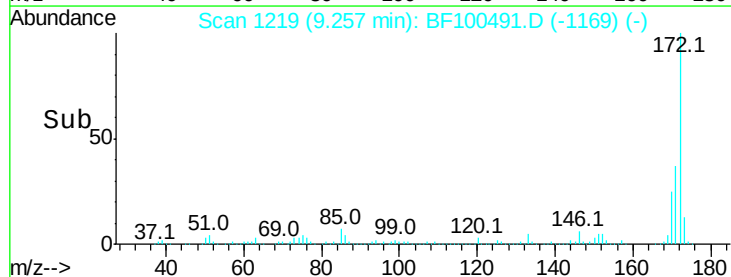
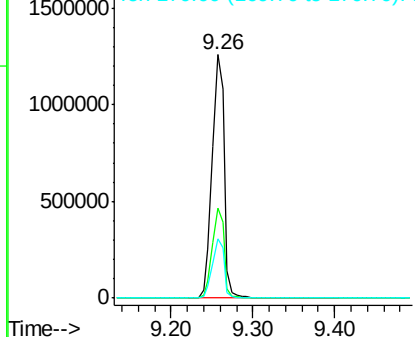


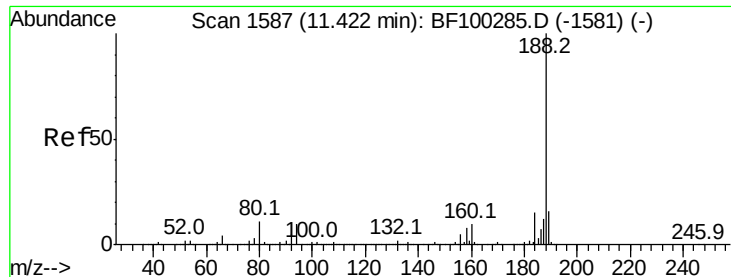
#44
 2-Fluorobiphenyl
 Concen: 98.270 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100491.D
 Acq: 12 Nov 2017 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	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: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

Instrument :

BNA_F

ClientSampleId :

110817-JETT-F-U-S

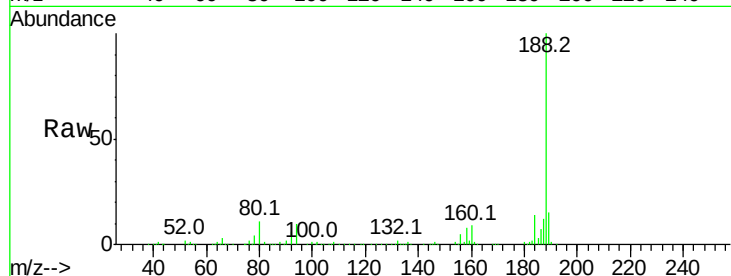
Tot Ion:188 Resp: 312715

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

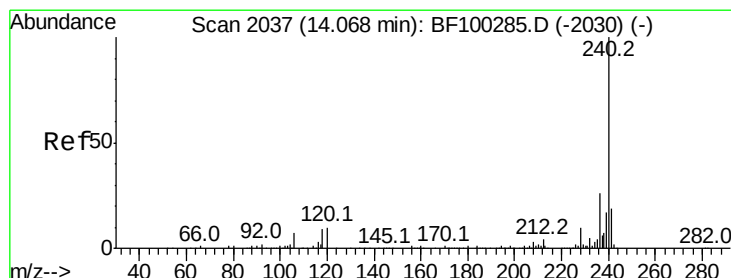
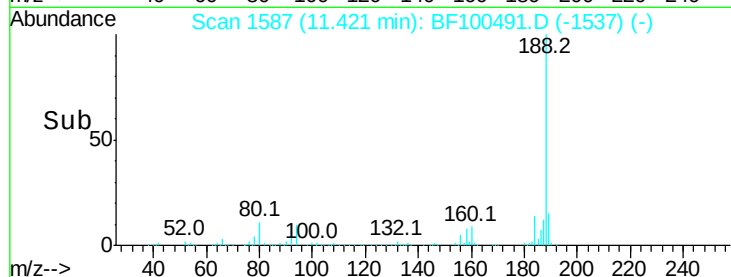
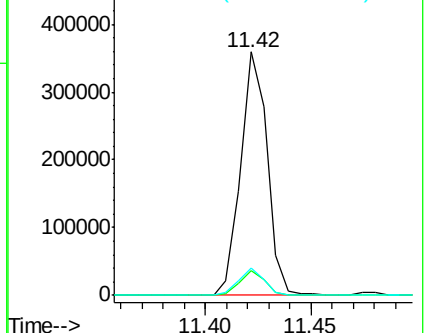
80 11.3 9.2 13.8



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

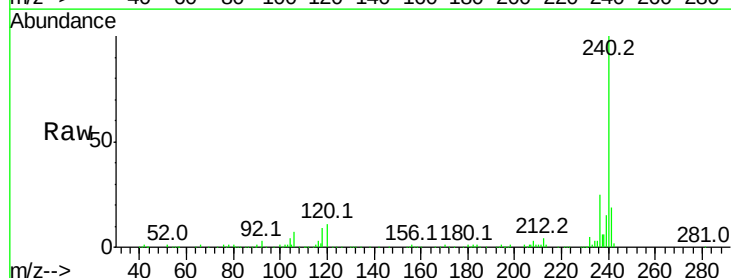
Tgt Ion:240 Resp: 264331

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

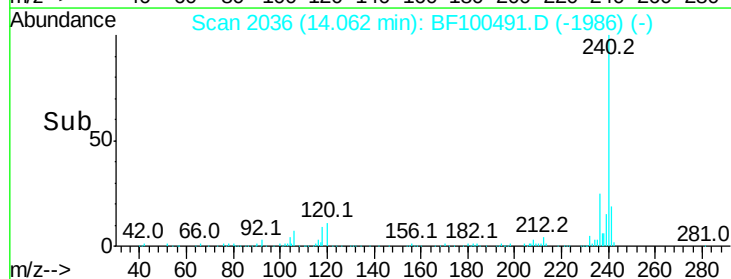
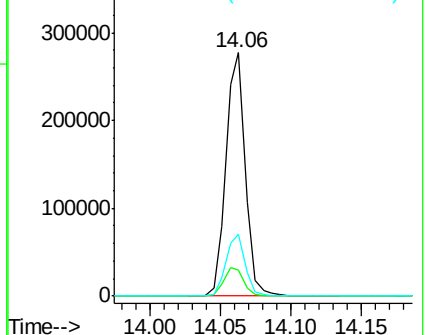
236 25.4 20.7 31.1

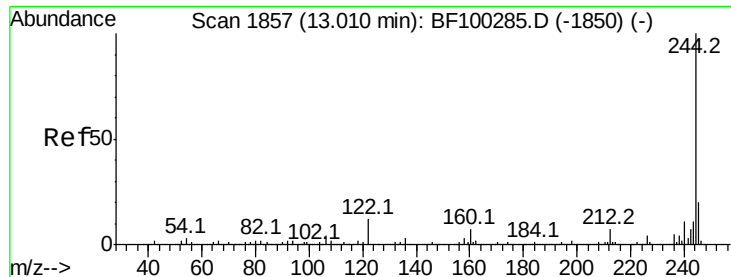


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.273 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

Instrument :

BNA_F

ClientSampleId :

110817-JETT-F-U-S

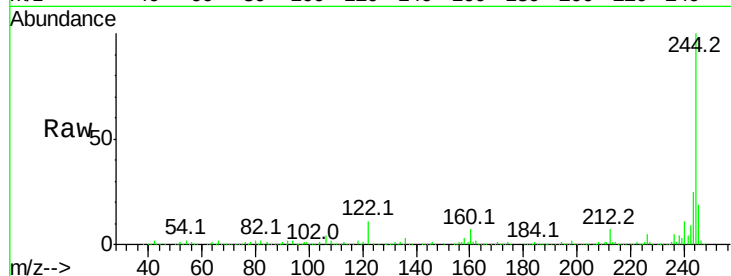
Tot Ion:244 Resp: 877456

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

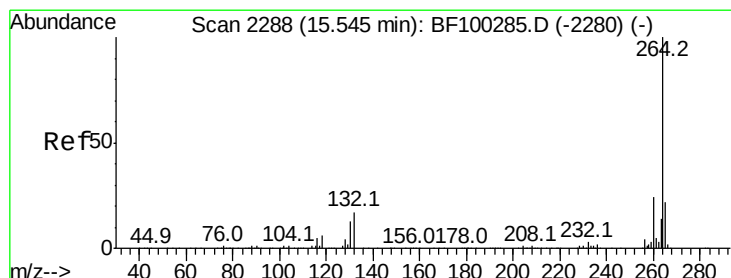
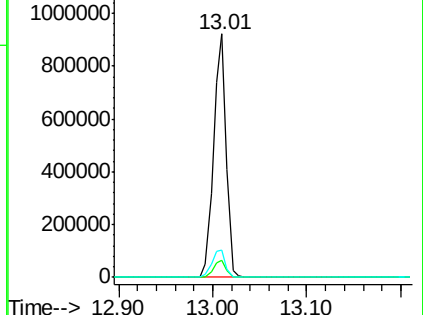
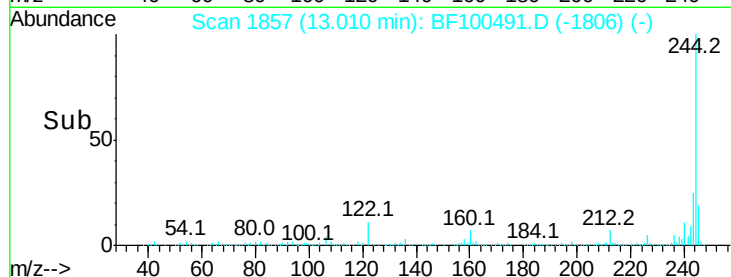
122 11.5 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100491.D

Acq: 12 Nov 2017 15:53

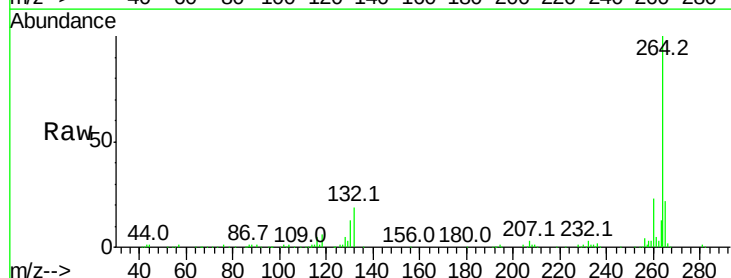
Tgt Ion:264 Resp: 184759

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.6 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

