

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104091.D
 Acq On : 30 Mar 2018 10:07
 Operator : JU/SJ
 Sample : J2113-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032618-DBRI-E-U-S

Quant Time: Mar 30 11:33:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

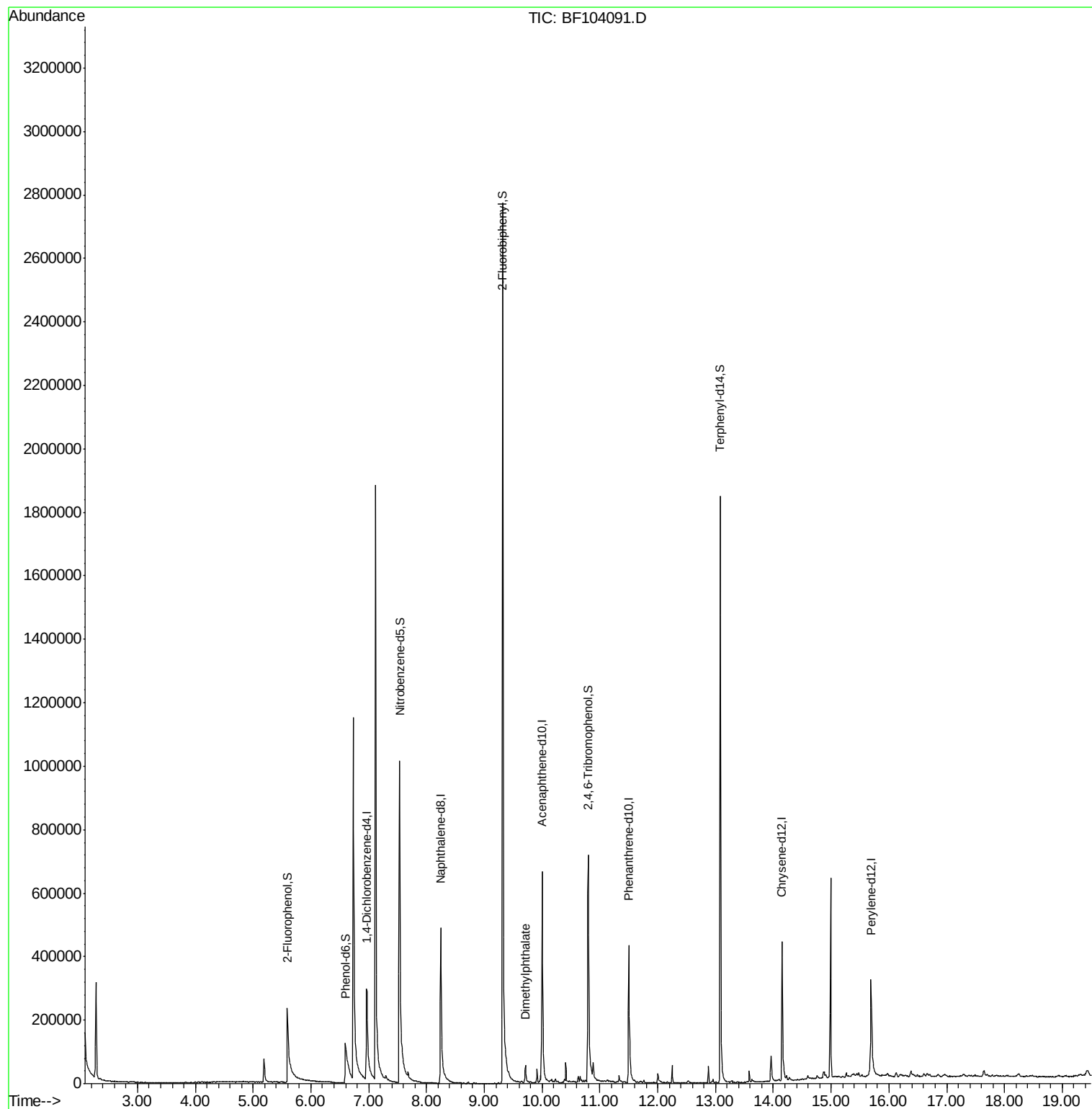
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	101752	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	425617	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	176928	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	261148	20.00	ng	0.00
75) Chrysene-d12	14.15	240	217719	20.00	ng	0.00
86) Perylene-d12	15.69	264	206192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225183	35.29	ng	0.00
7) Phenol-d6	6.60	99	190576	24.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	660332	94.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	146252	74.24	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1231988	109.80	ng	0.00
78) Terphenyl-d14	13.08	244	771058	81.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	39562	2.832	ng	Qvalue 98

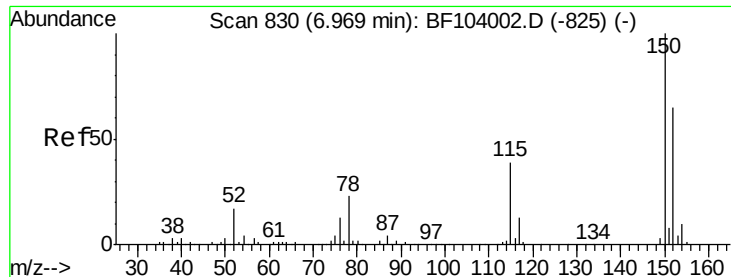
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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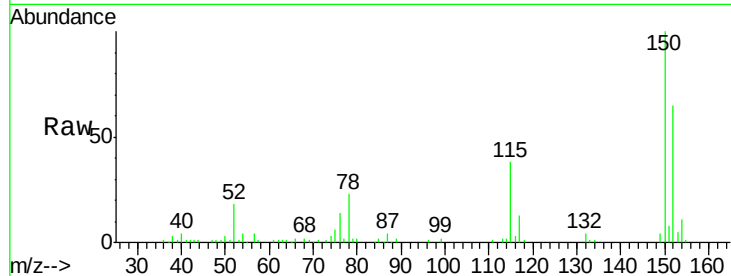


#1

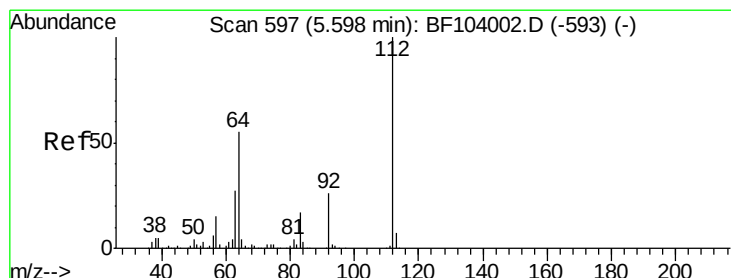
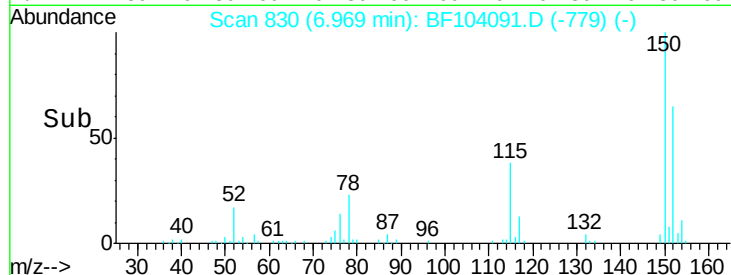
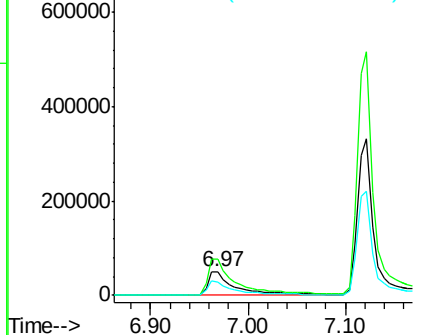
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 032618-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	58.9	50.1	75.1



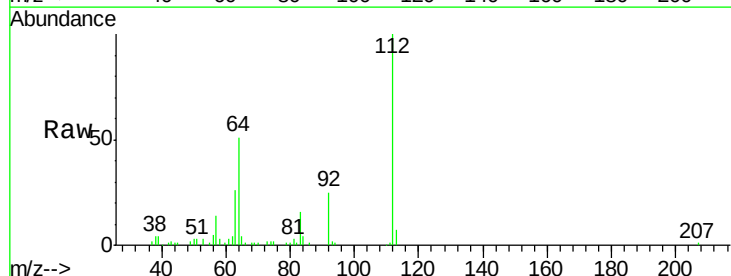
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



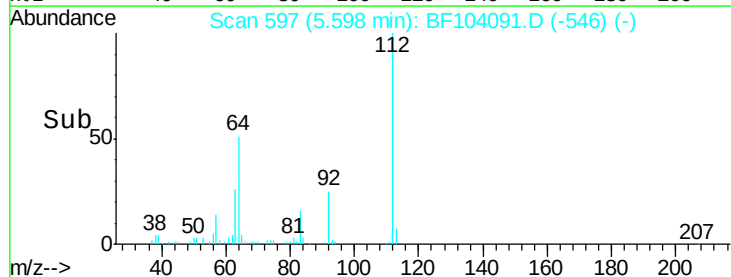
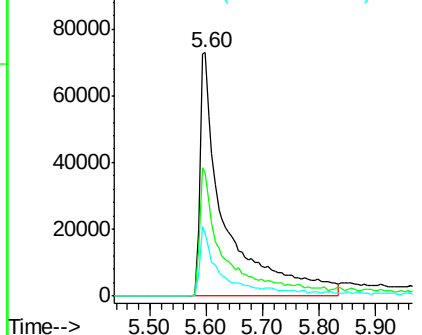
#5

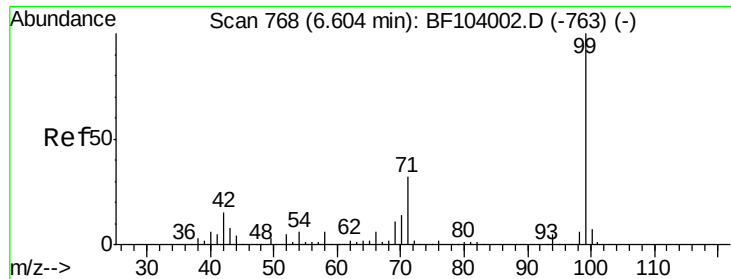
2-Fluorophenol
 Concen: 35.293 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	26.0	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: 24.278 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

032618-DBRI-E-U-S

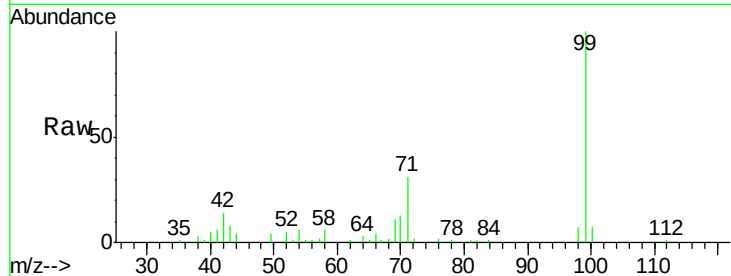
Tot Ion: 99 Resp: 190576

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

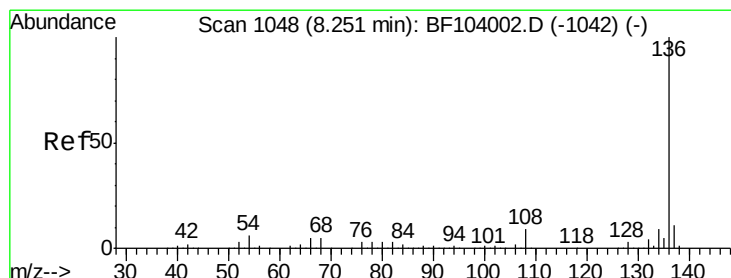
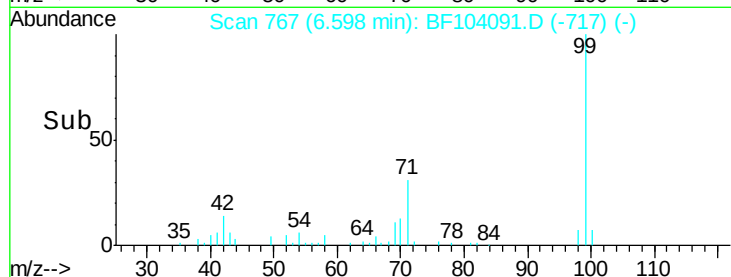
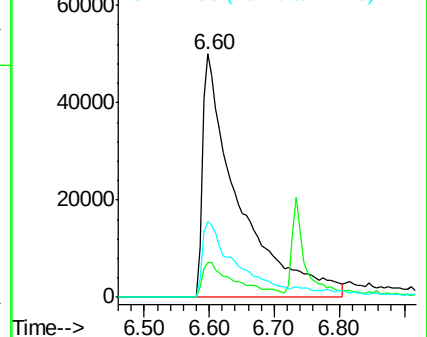
71 31.1 25.4 38.0



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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

Tgt Ion: 136 Resp: 425617

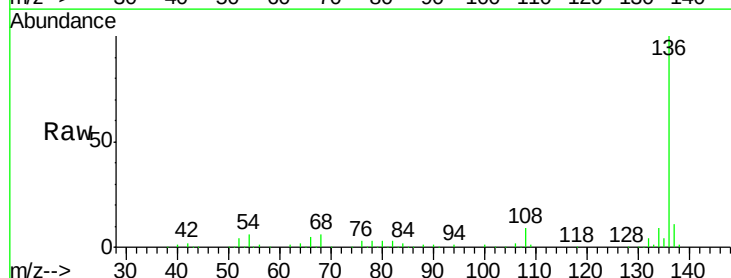
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4

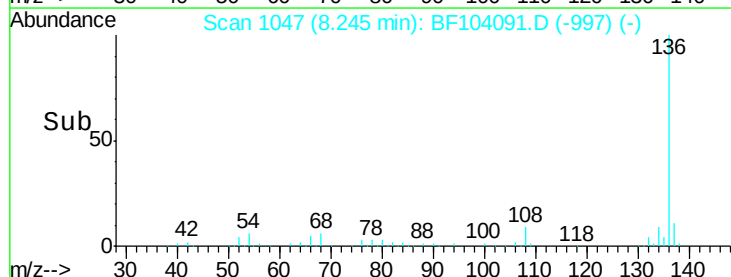
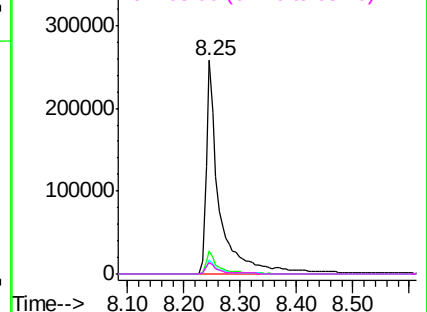


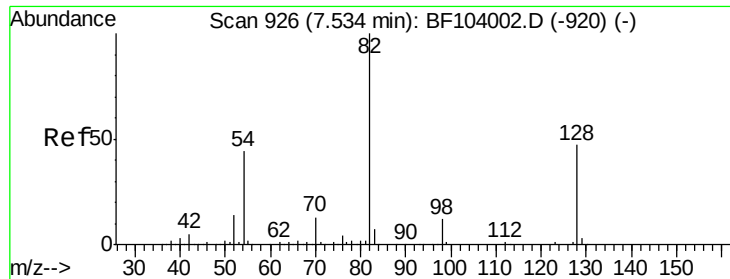
Abundance Ion 136.00 (135.70 to 136.70): E

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

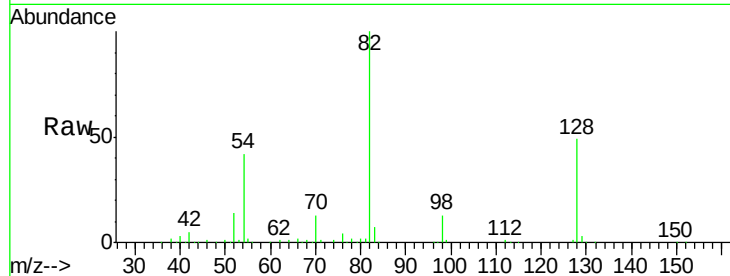




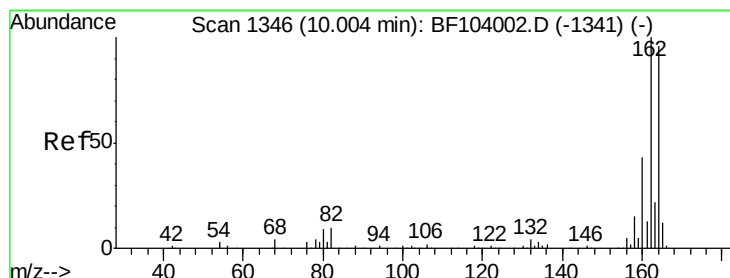
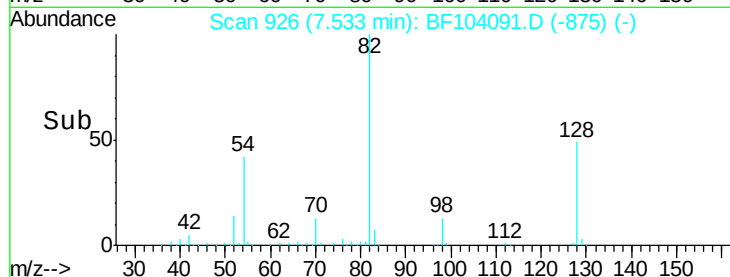
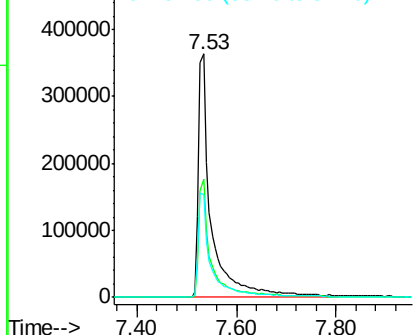
#23
 Nitrobenzene-d5
 Concen: 94.881 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 032618-DBRI-E-U-S

Tot Ion: 82 Resp: 660332
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 42.3 41.4 62.2

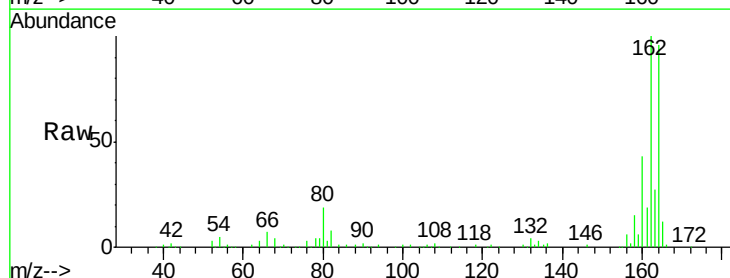


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

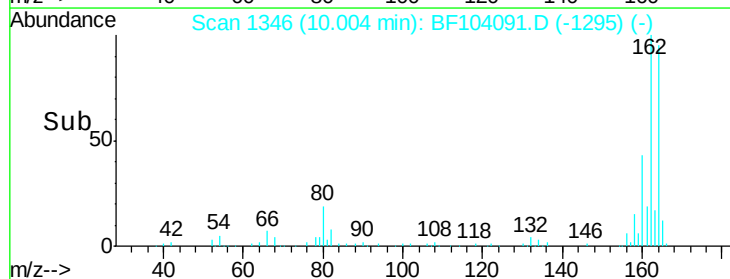
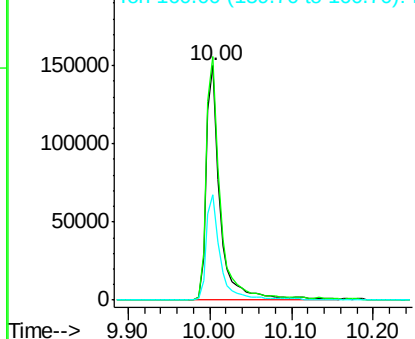


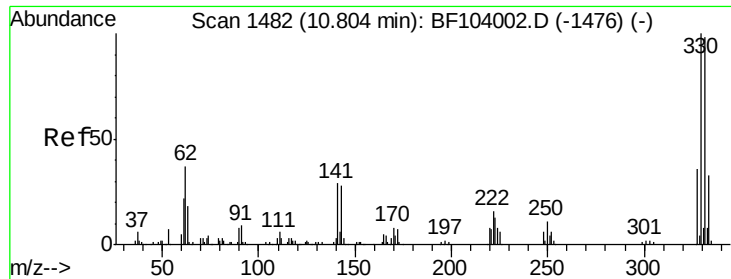
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Tgt Ion: 164 Resp: 176928
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 44.9 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

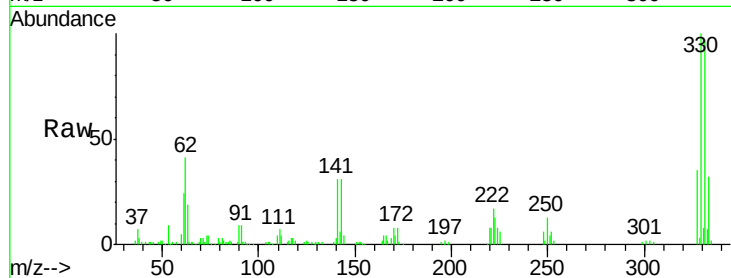




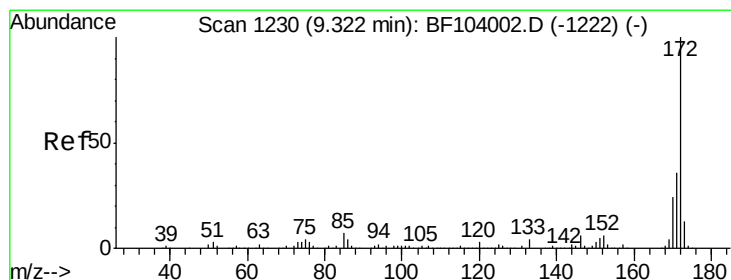
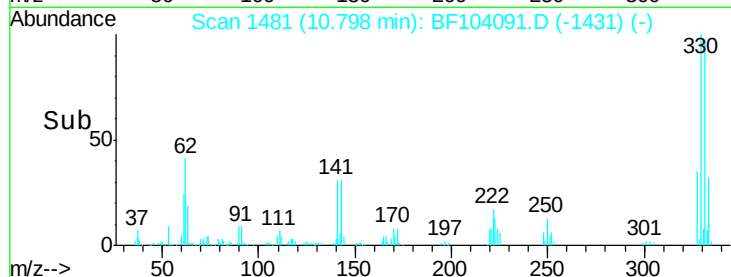
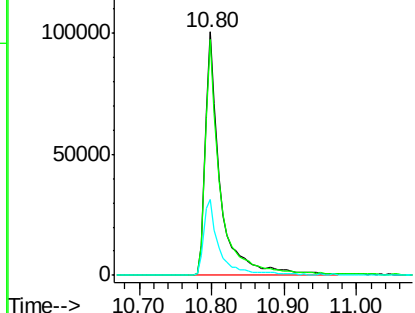
#41
 2,4,6-Tribromophenol
 Concen: 74.236 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 032618-DBRI-E-U-S

Tot Ion:330 Resp: 146252
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 32.5 29.9 44.9

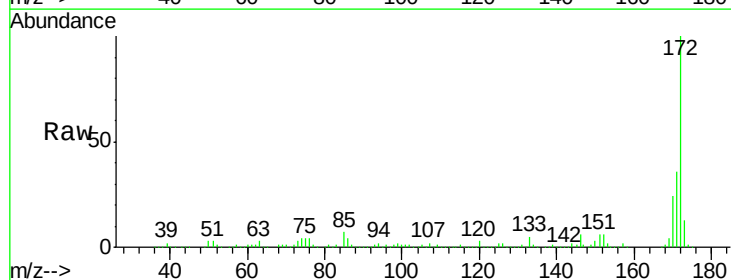


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

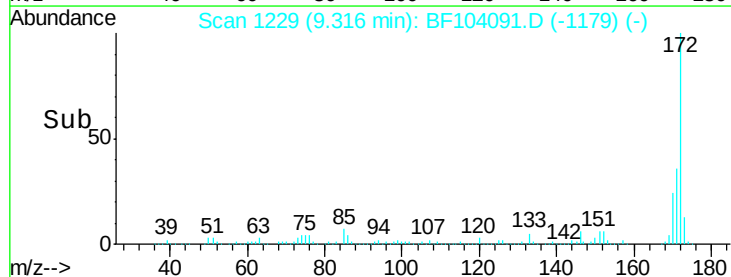
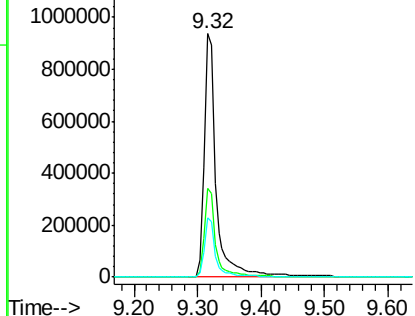


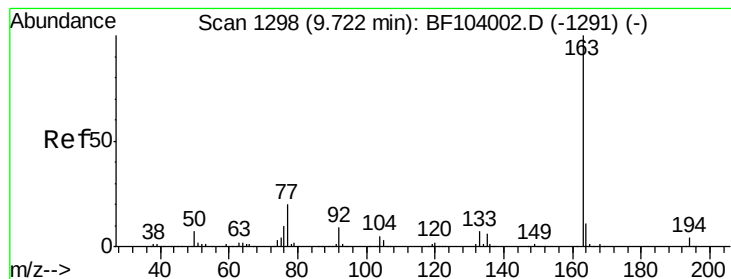
#44
 2-Fluorobiphenyl
 Concen: 109.804 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Tgt Ion:172 Resp: 1231988
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 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: 2.832 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

032618-DBRI-E-U-S

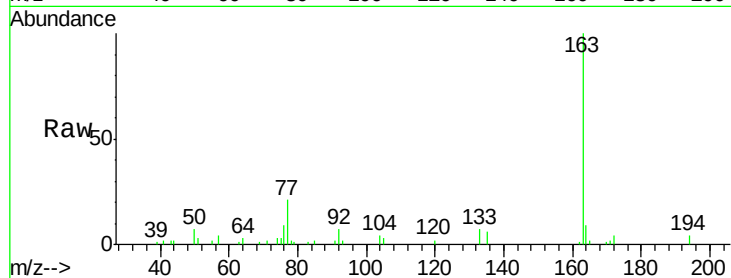
Tot Ion:163 Resp: 39562

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

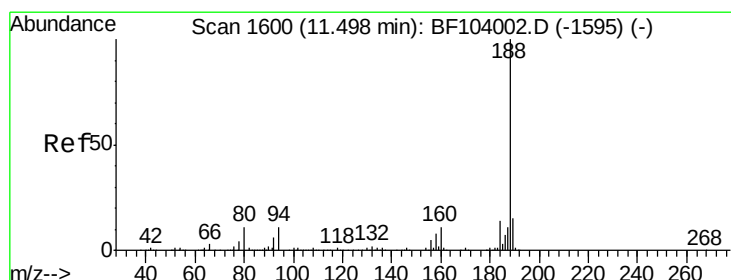
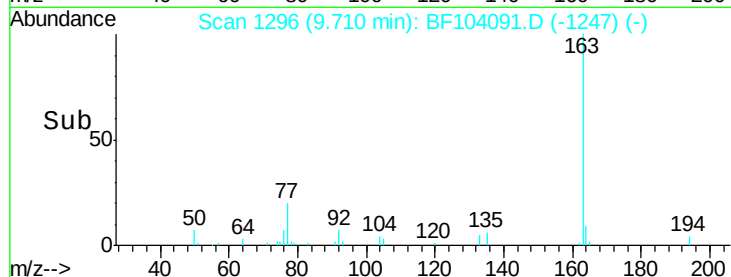
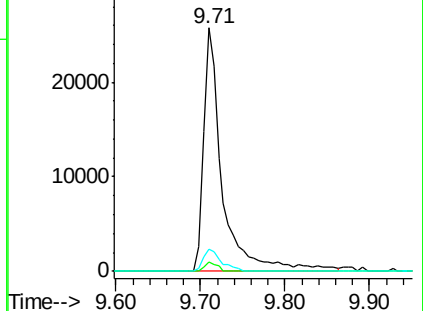
164 9.4 8.2 12.2



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: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

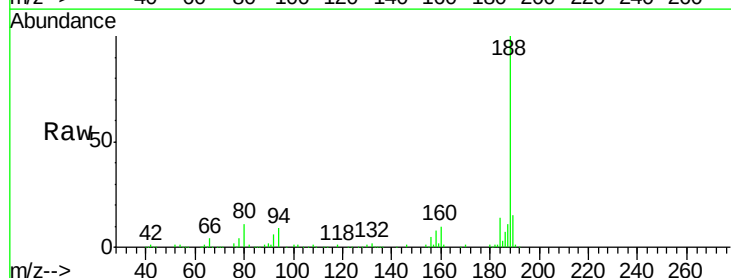
Tgt Ion:188 Resp: 261148

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

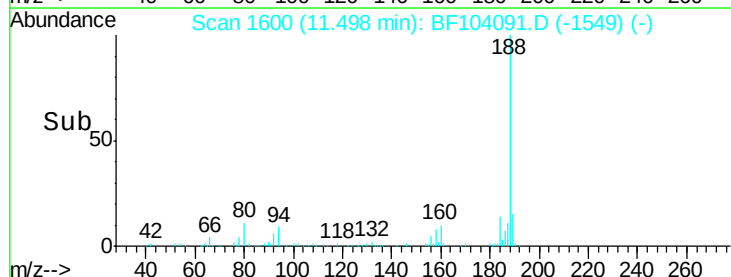
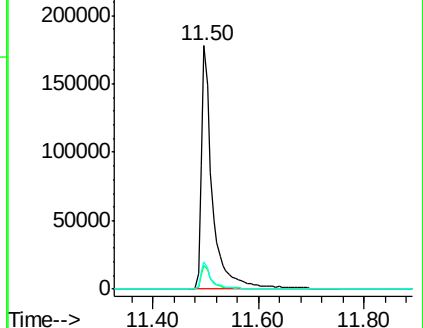
80 11.1 9.2 13.8

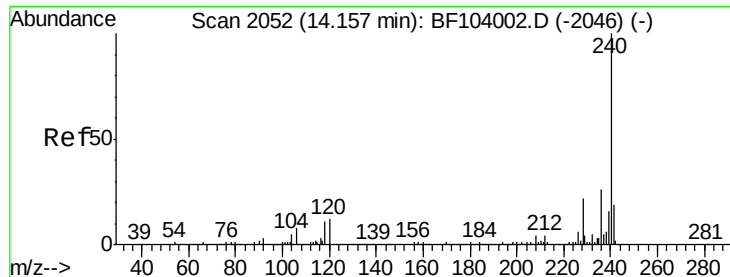


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

032618-DBRI-E-U-S

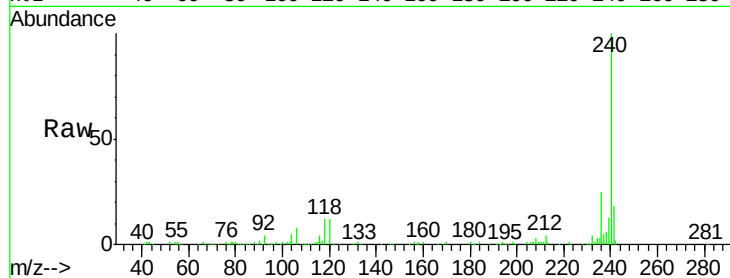
Tot Ion:240 Resp: 217719

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

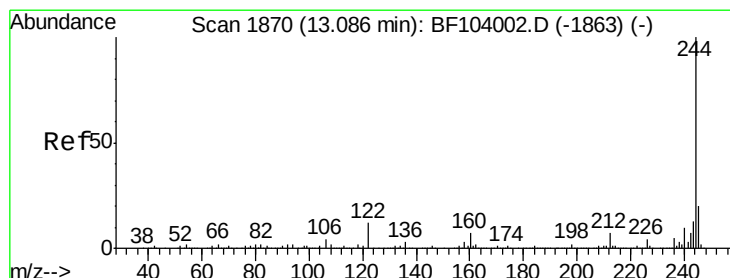
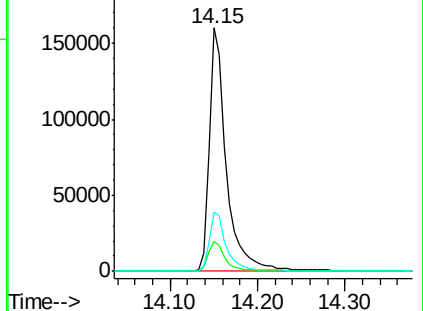
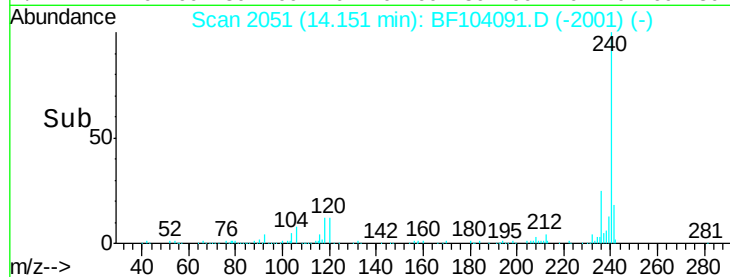
236 24.6 20.7 31.1



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: 81.772 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

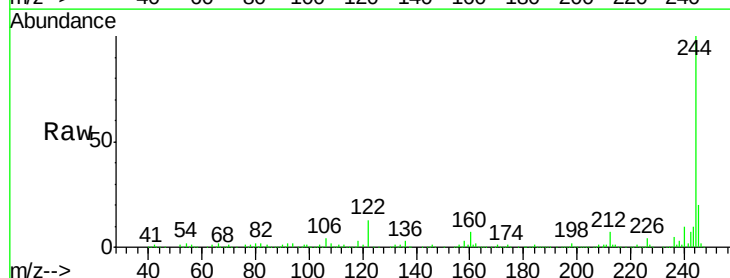
Tgt Ion:244 Resp: 771058

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

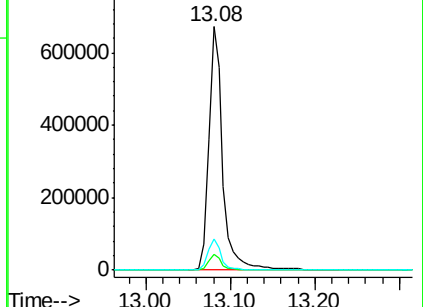
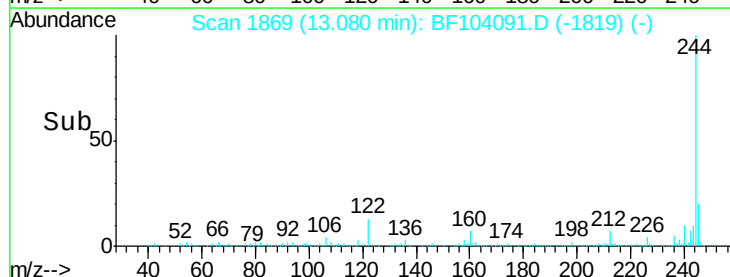
122 12.6 11.0 16.4

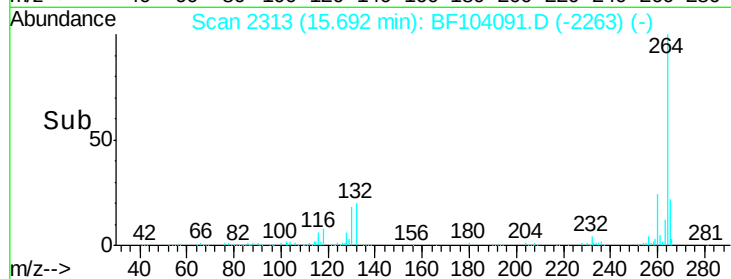
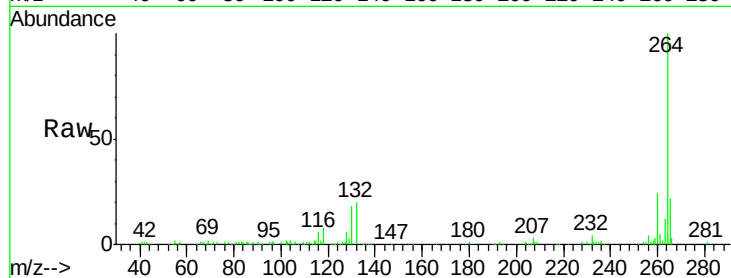
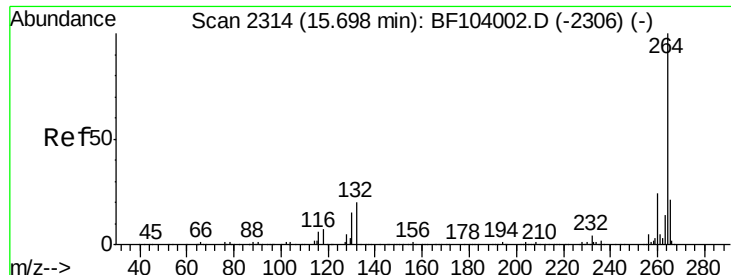


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 032618-DBRI-E-U-S

Tot Ion:	264	Resp:	206192
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.5	26.3

