

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104142.D
 Acq On : 2 Apr 2018 18:19
 Operator : JU/SJ
 Sample : J2099-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)

Quant Time: Apr 03 01:31:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

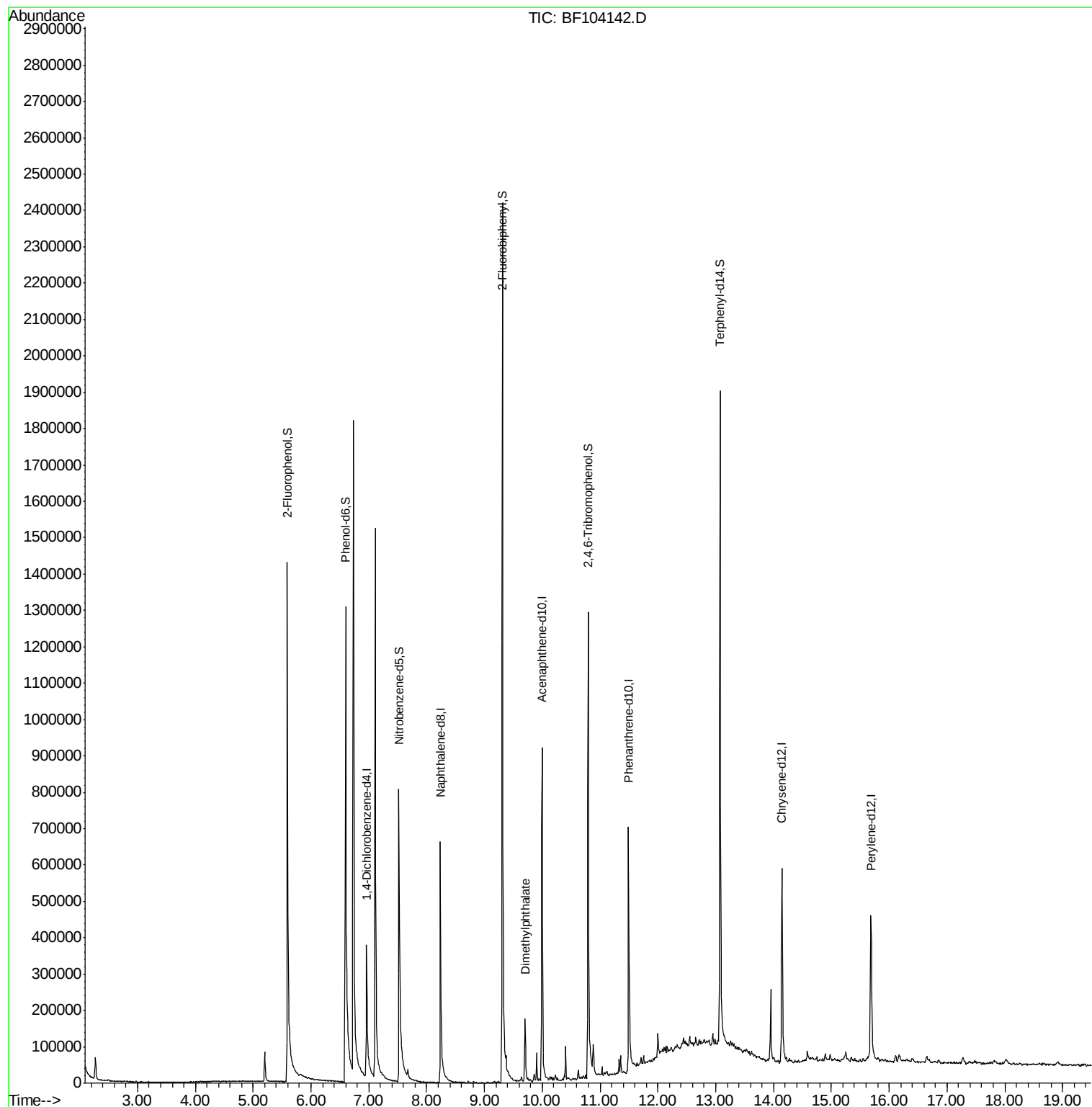
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107527	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	462794	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	215888	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	360333	20.00	ng	0.00
75) Chrysene-d12	14.14	240	240365	20.00	ng	0.00
86) Perylene-d12	15.69	264	245485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	641467	95.14	ng	0.00
7) Phenol-d6	6.60	99	862792	104.01	ng	0.00
23) Nitrobenzene-d5	7.52	82	512801	67.76	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	221815	92.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	998899	72.96	ng	0.00
78) Terphenyl-d14	13.07	244	777587	74.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	86753	5.090	ng	99

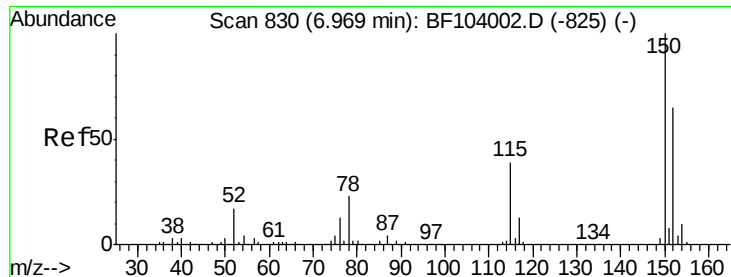
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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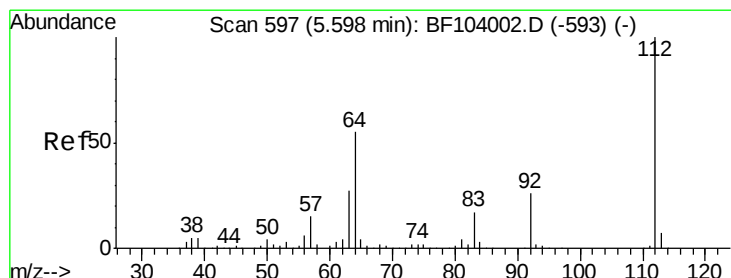
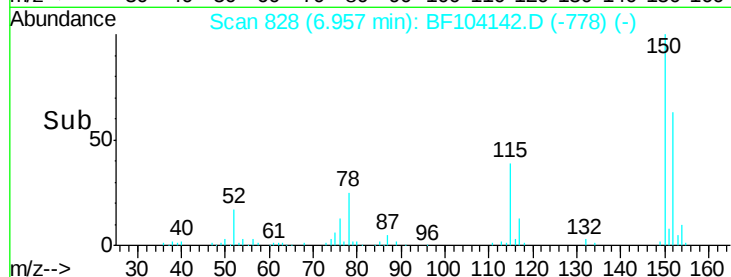
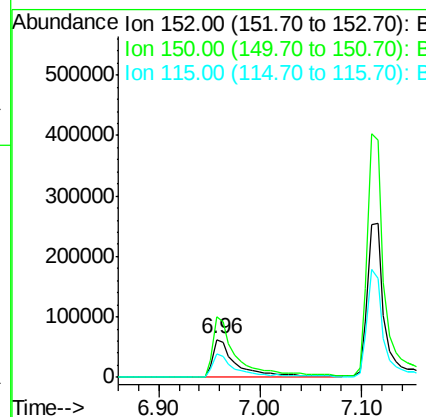
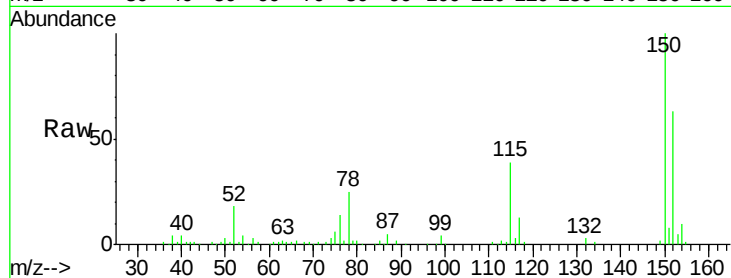


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)

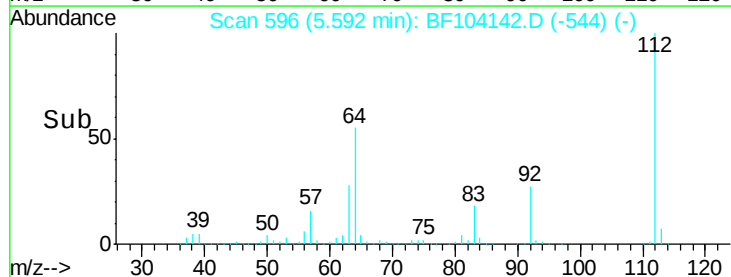
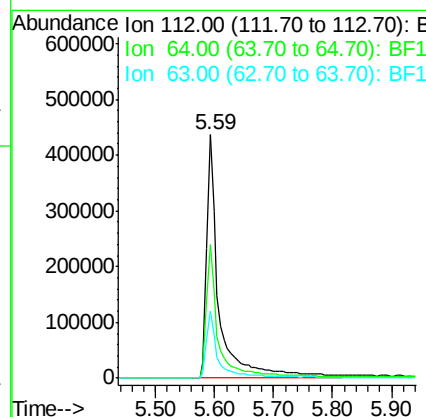
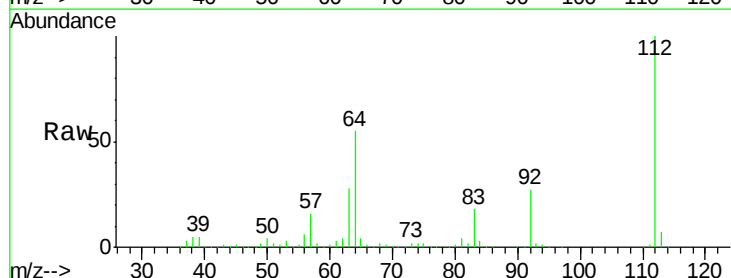
Tot Ion:152 Resp: 107527
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 61.3 50.1 75.1

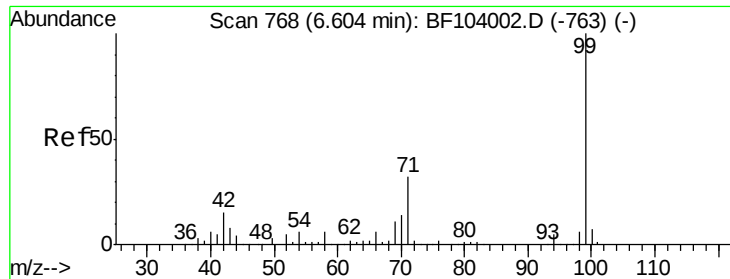


#5

2-Fluorophenol
 Concen: 95.137 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Tgt Ion:112 Resp: 641467
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 27.5 23.7 35.5





#7

Phenol-d6

Concen: 104.009 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)

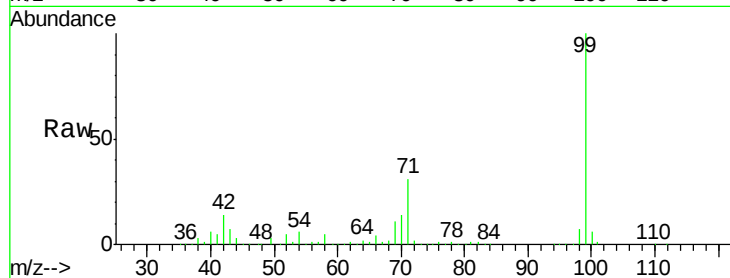
Tot Ion: 99 Resp: 862792

Ion Ratio Lower Upper

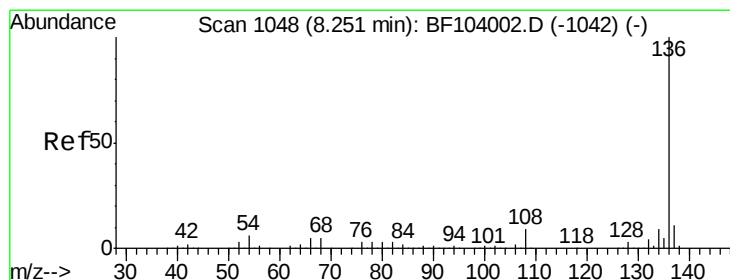
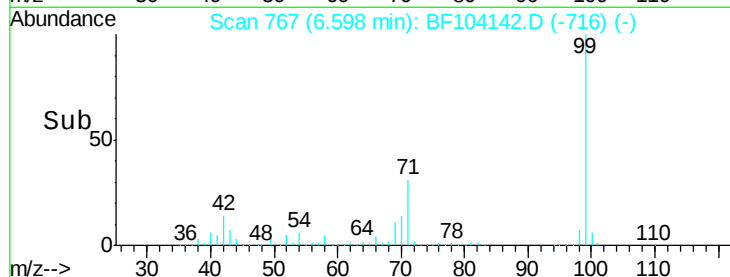
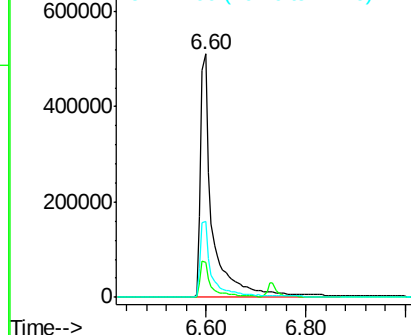
99 100

42 14.2 14.5 21.7#

71 31.4 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: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Tgt Ion: 136 Resp: 462794

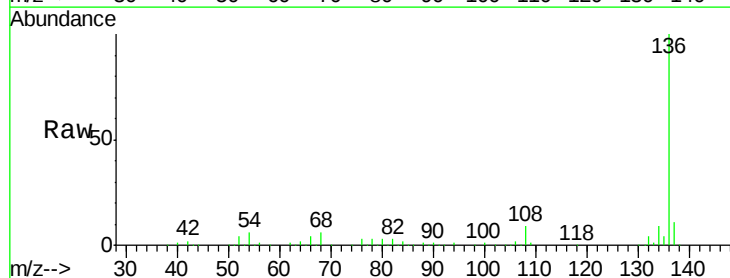
Ion Ratio Lower Upper

136 100

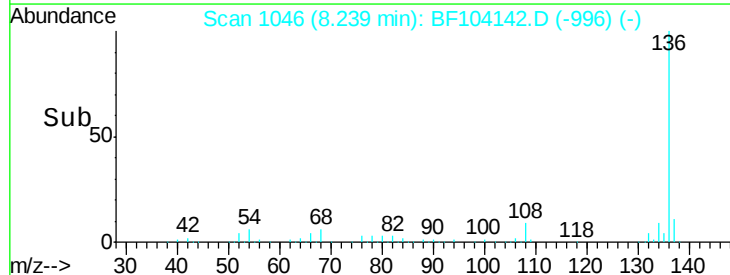
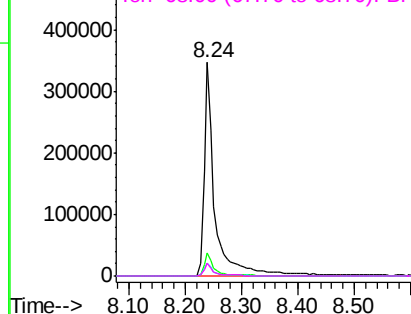
137 10.7 8.9 13.3

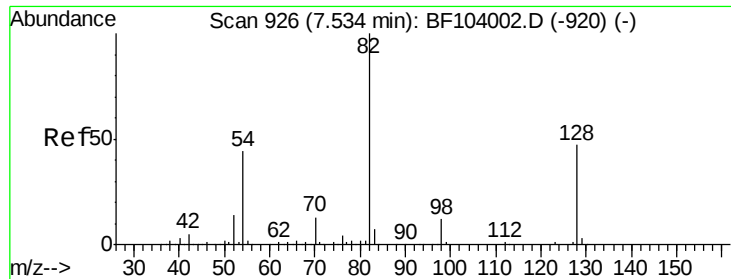
54 6.2 6.6 9.8#

68 5.7 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

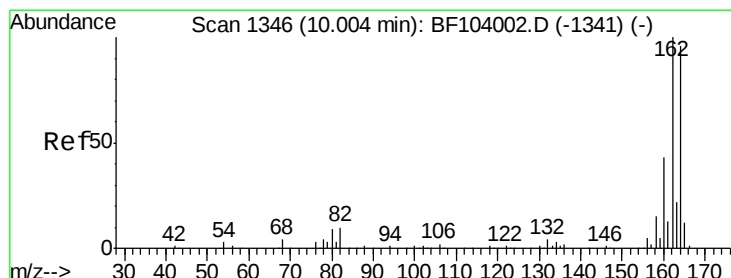
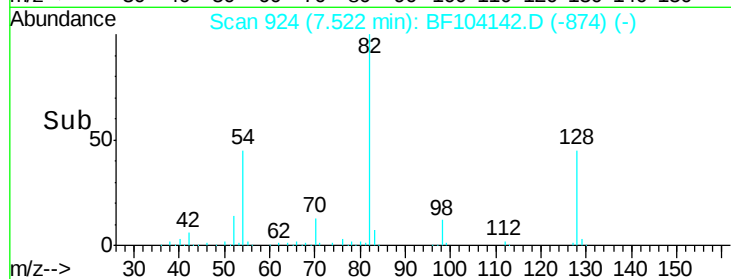
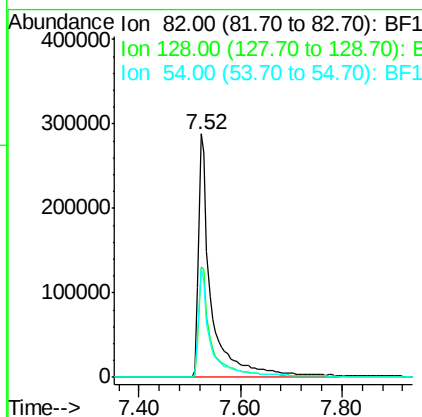
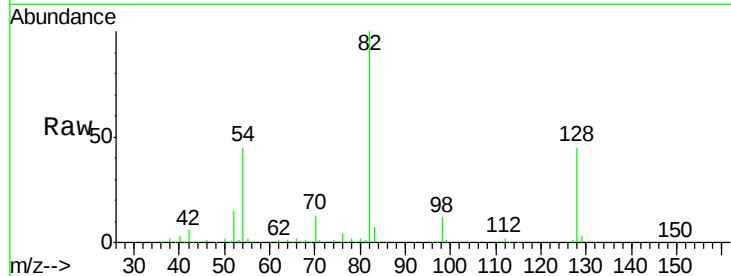




#23
 Nitrobenzene-d5
 Concen: 67.764 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

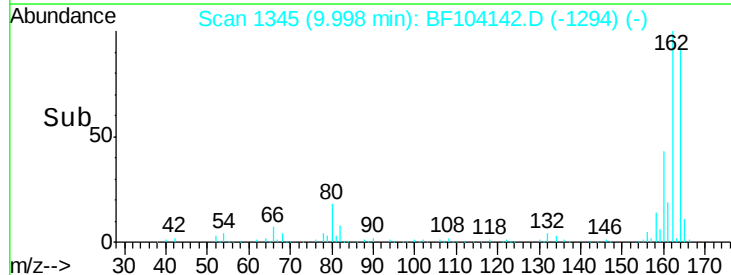
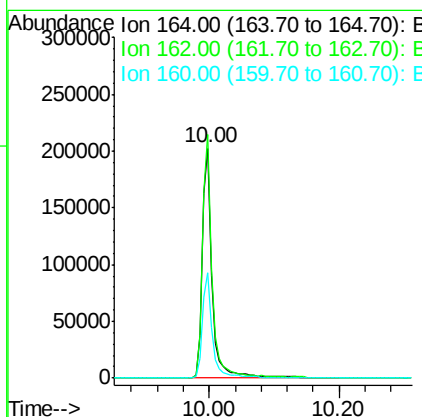
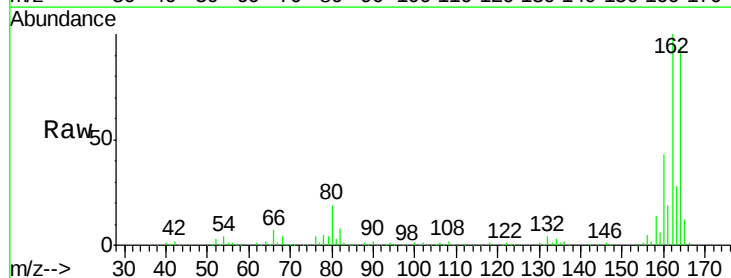
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)

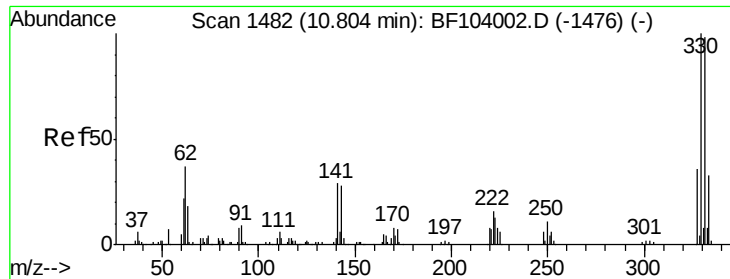
Tot Ion	82	Resp	512801
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	44.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Tgt Ion	164	Resp	215888
Ion Ratio	Lower	Upper	
164	100		
162	105.9	86.1	129.1
160	45.7	38.3	57.5

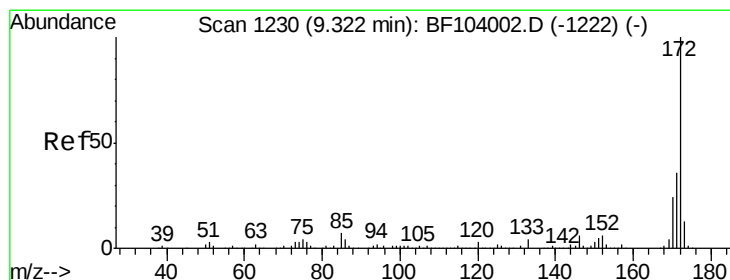
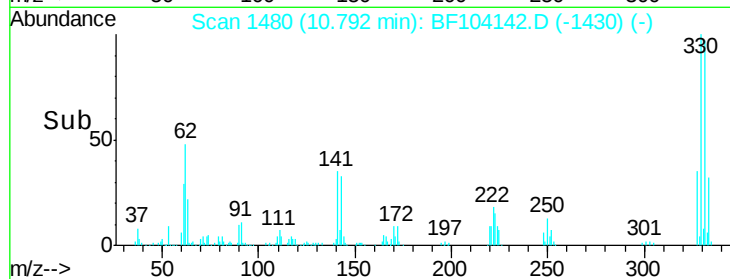
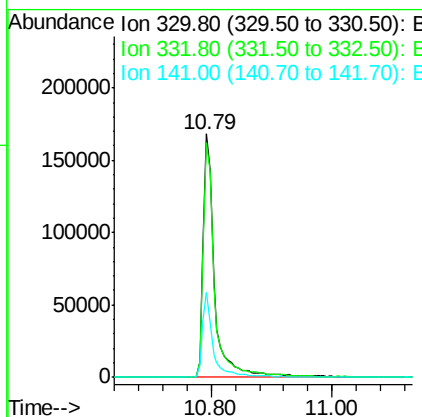
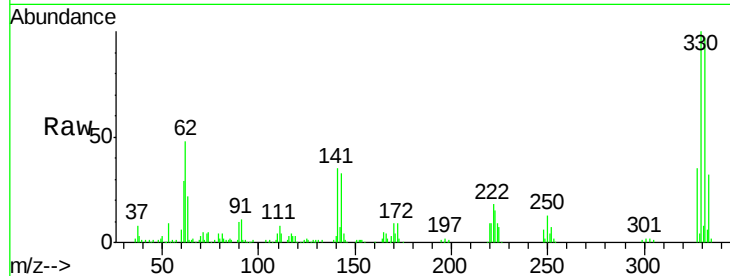




#41
 2,4,6-Tribromophenol
 Concen: 92.272 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

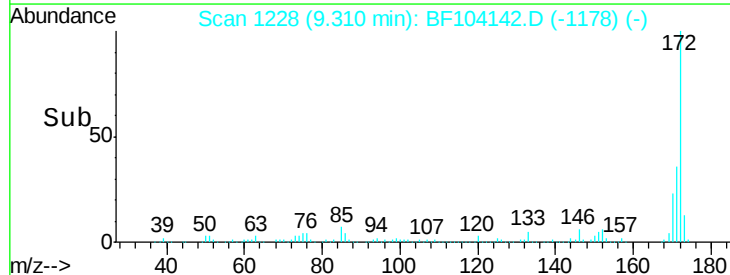
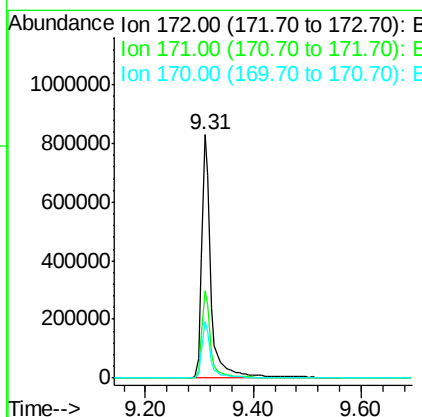
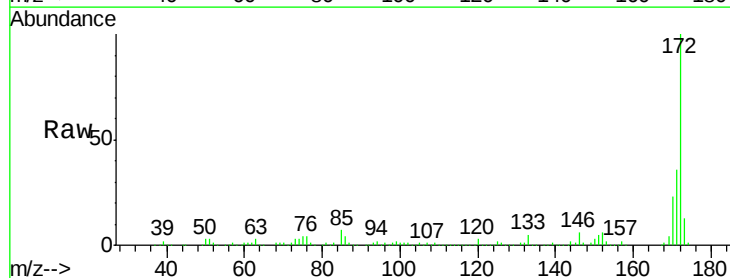
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)

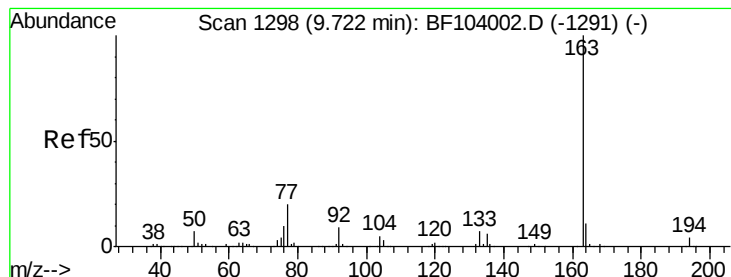
Tot Ion	330	332	141
Resp:	221815		
Ion Ratio	100	96.6	31.4
Lower		77.0	29.9
Upper		115.6	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.963 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Tgt Ion	172	171	170
Resp:	998899		
Ion Ratio	100	36.1	23.4
Lower		29.7	19.6
Upper		44.5	29.4





#49

Dimethylphthalate

Concen: 5.090 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)

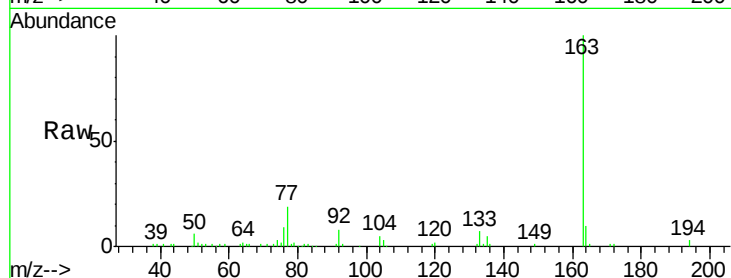
Tot Ion:163 Resp: 86753

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

164 9.8 8.2 12.2

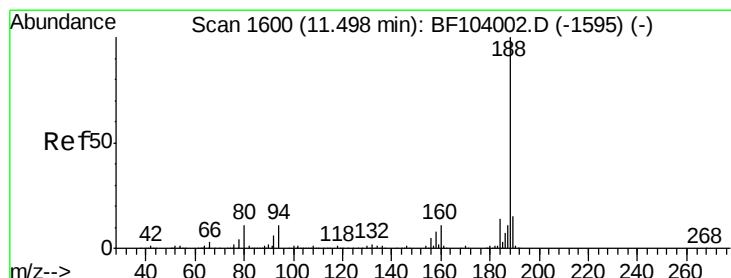
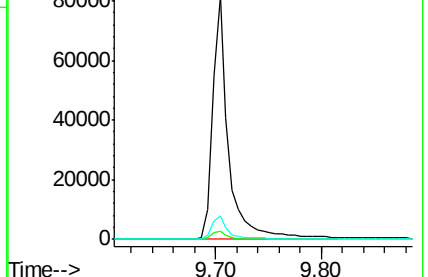
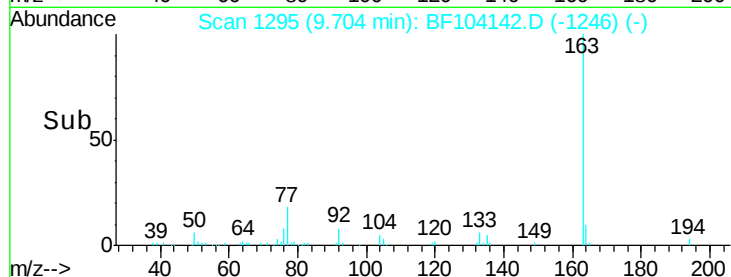


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

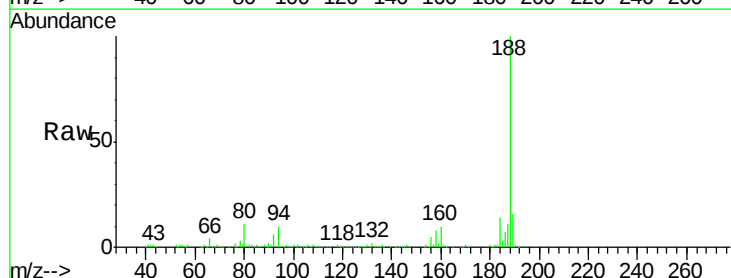
Tgt Ion:188 Resp: 360333

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

80 11.0 9.2 13.8

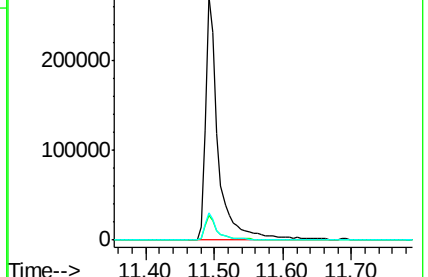
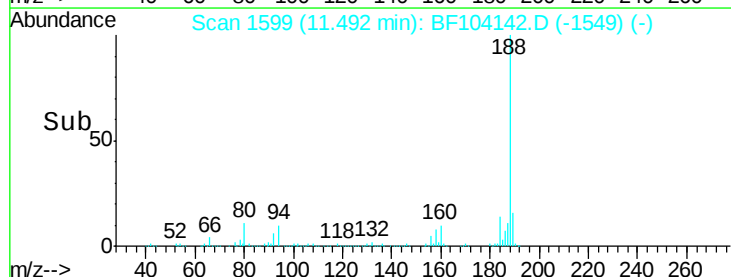


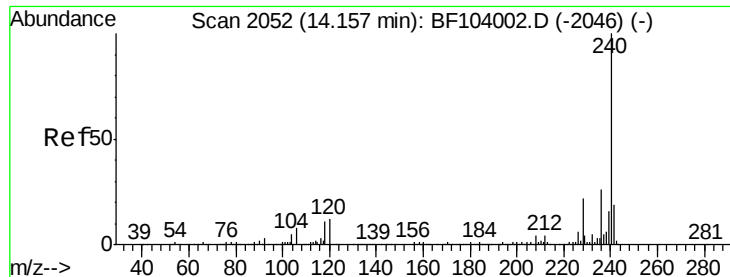
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)

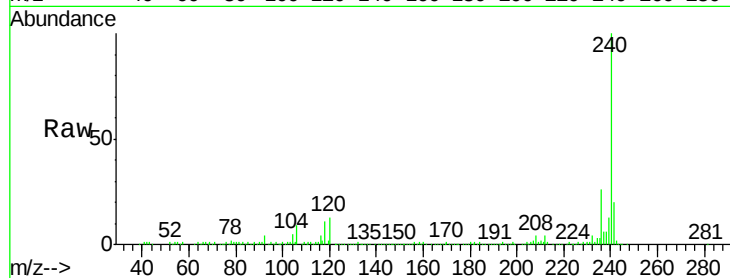
Tot Ion:240 Resp: 240365

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

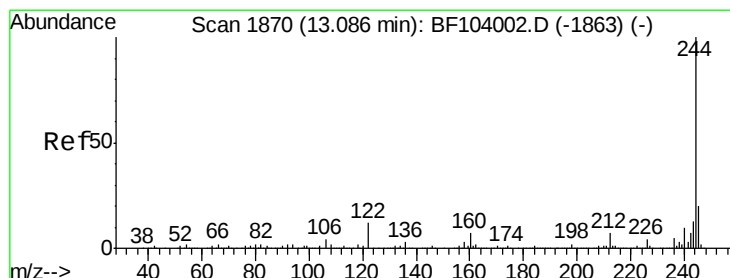
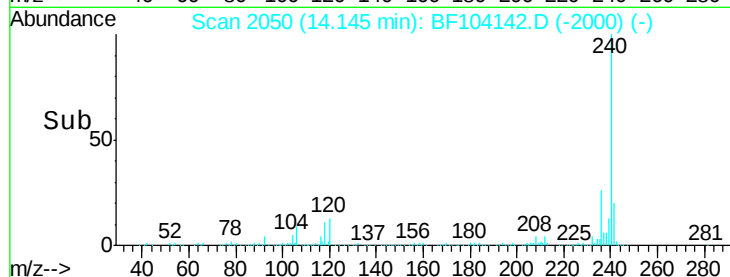
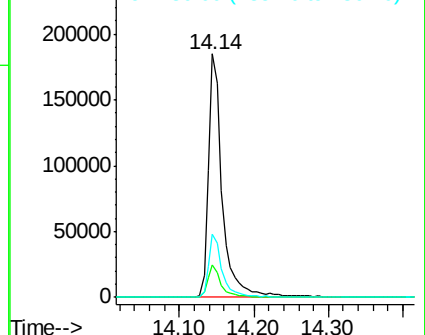
236 25.7 20.7 31.1



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: 74.695 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

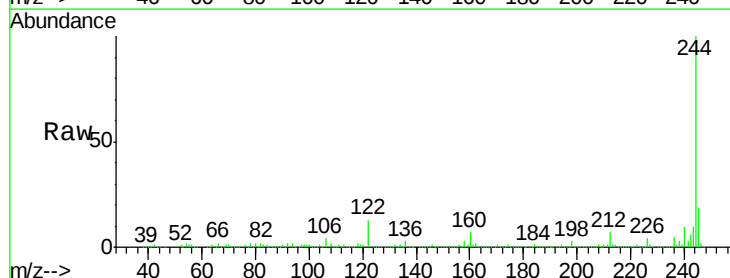
Tgt Ion:244 Resp: 777587

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

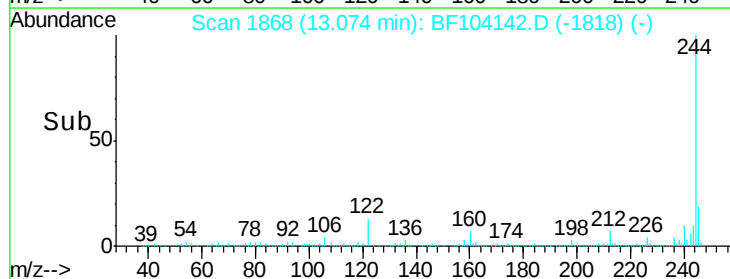
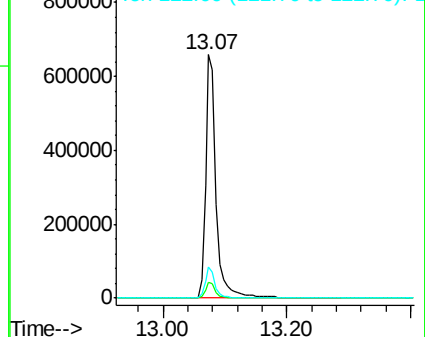
122 12.8 11.0 16.4

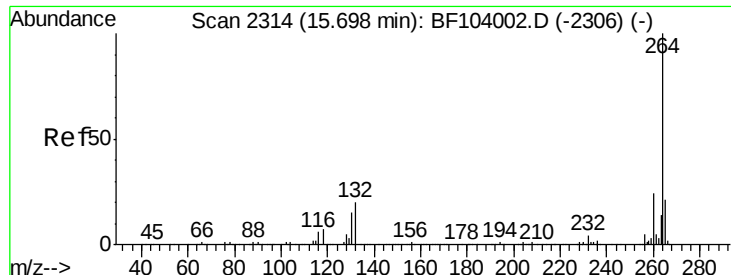


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

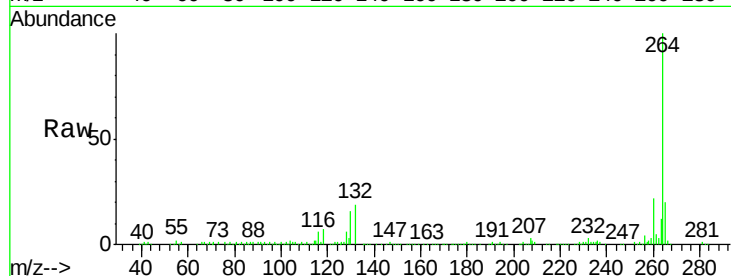




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF104142.D
Acq: 2 Apr 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.3	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

