

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102134.D
 Acq On : 17 Jan 2018 2:23
 Operator : SJ/JU
 Sample : J1122-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Quant Time: Jan 17 04:27:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

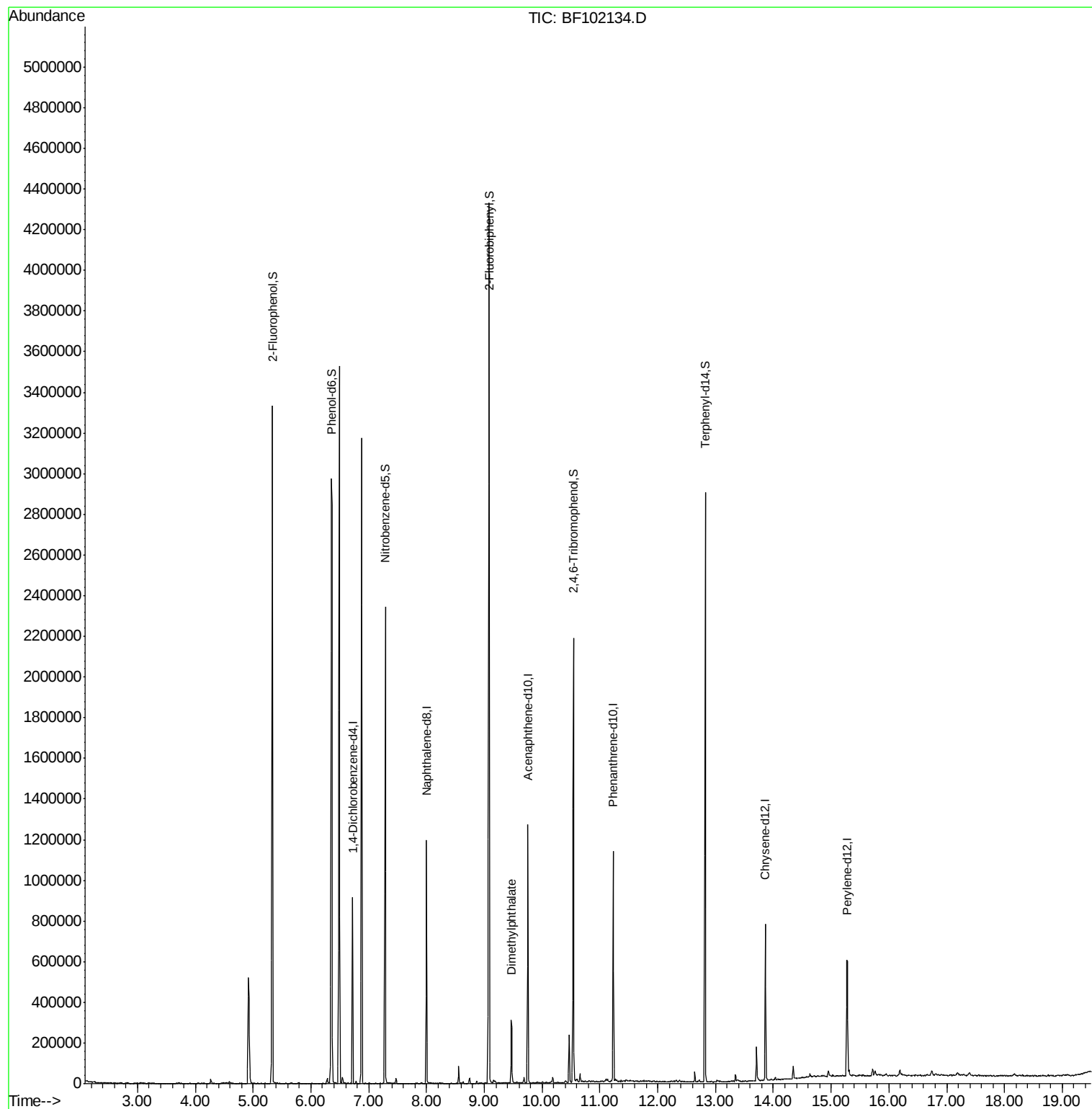
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138020	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	553744	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	233708	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	349270	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	242229	20.00	ng	-0.02
86) Perylene-d12	15.28	264	259177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	981082	100.37	ng	0.00
7) Phenol-d6	6.36	99	1207599	103.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	761339	80.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	235644	115.54	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1359560	90.88	ng	-0.01
78) Terphenyl-d14	12.82	244	934648	80.11	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	122464	6.532	ng	Qvalue 100

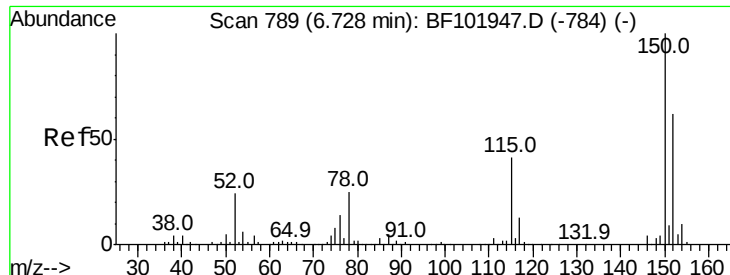
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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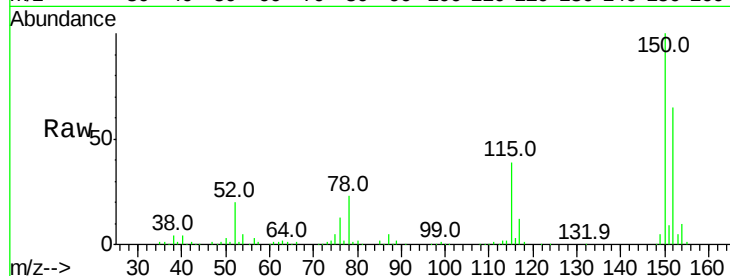


#1

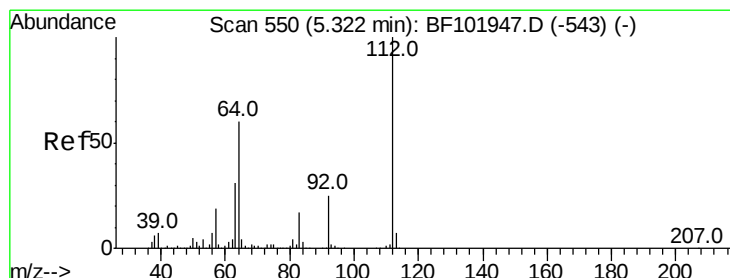
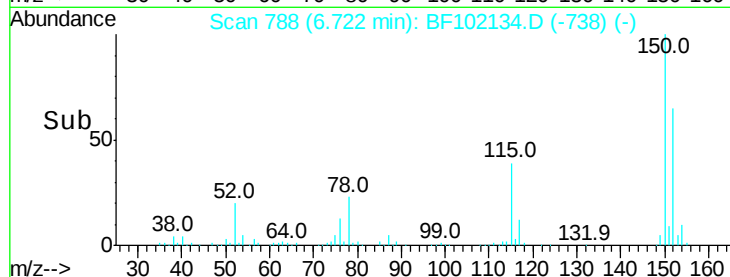
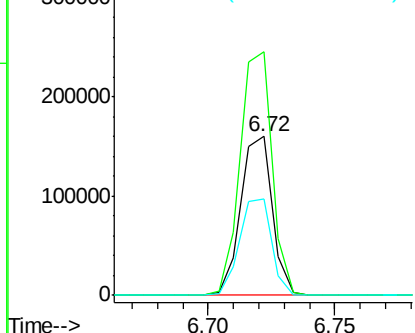
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102134.D
 Acq: 17 Jan 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tot Ion:152 Resp: 138020
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 60.5 50.1 75.1



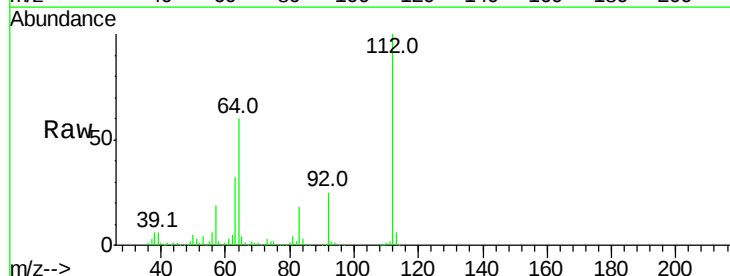
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



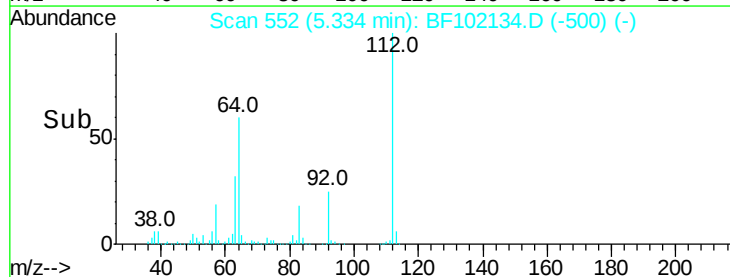
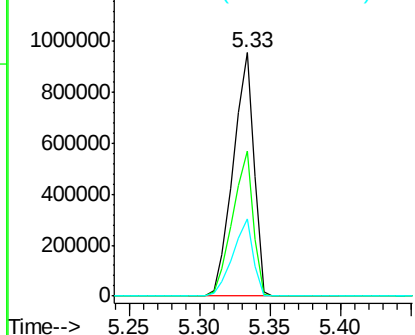
#5

2-Fluorophenol
 Concen: 100.374 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102134.D
 Acq: 17 Jan 2018 2:23

Tgt Ion:112 Resp: 981082
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 31.7 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: 103.553 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

Instrument :

BNA_F

ClientSampled :

C-6

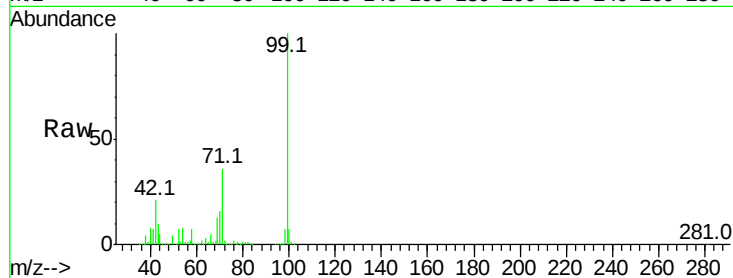
Tot Ion: 99 Resp: 1207599

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

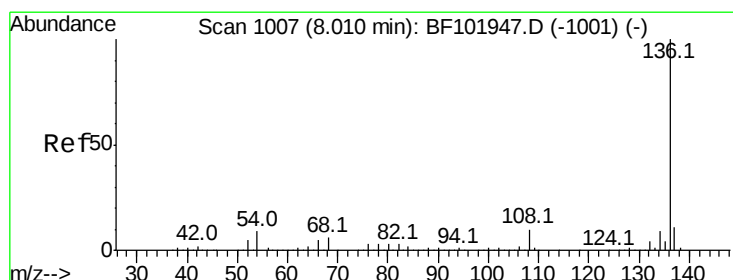
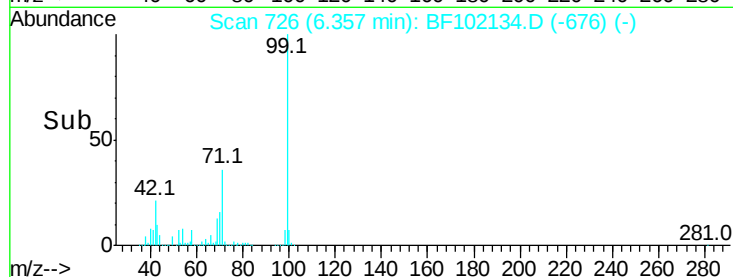
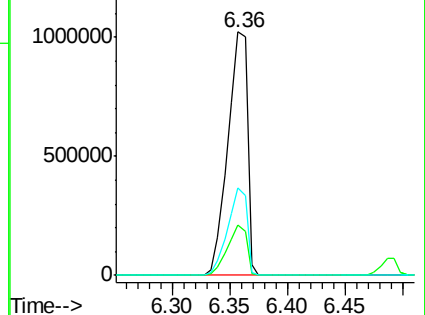
71 36.0 25.4 38.0



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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

Tgt Ion: 136 Resp: 553744

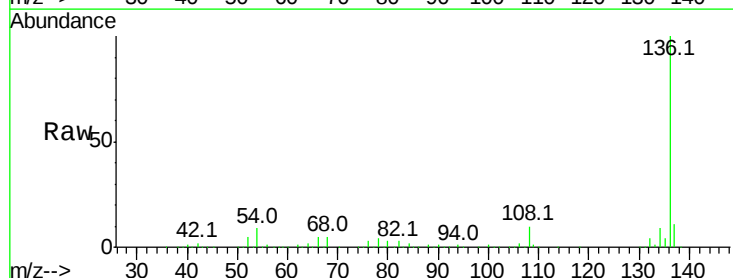
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.7 6.6 9.8

68 5.4 5.0 7.4

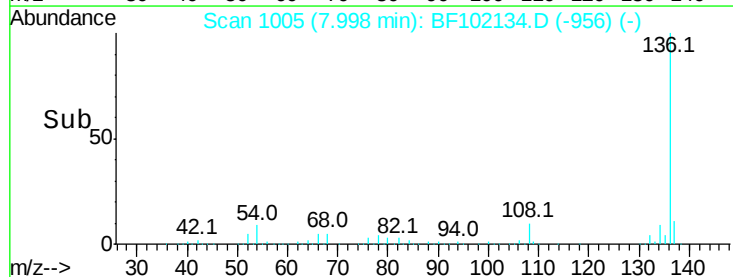
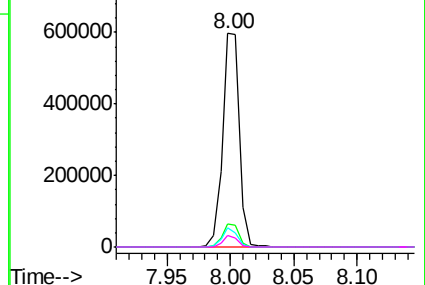


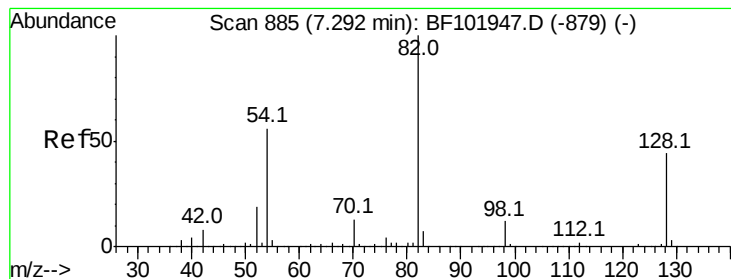
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.794 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

Instrument :

BNA_F

ClientSampled :

C-6

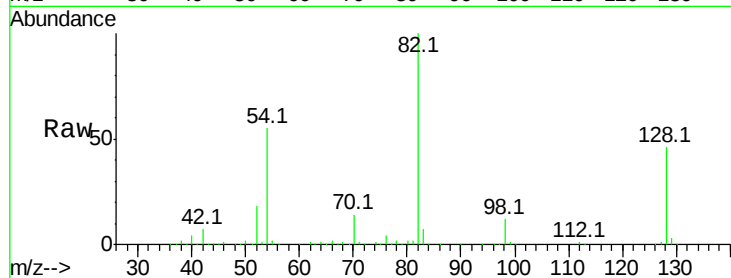
Tot Ion: 82 Resp: 761339

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

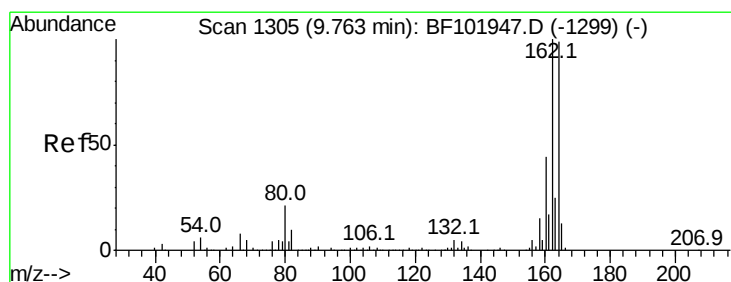
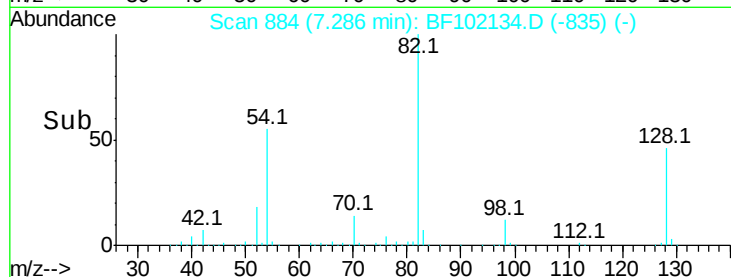
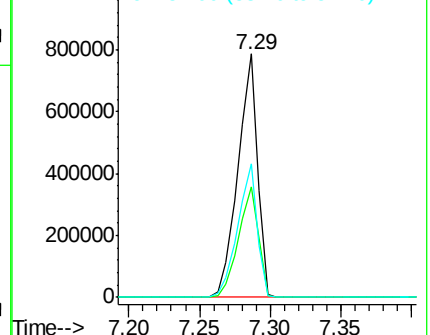
54 54.6 41.4 62.2



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

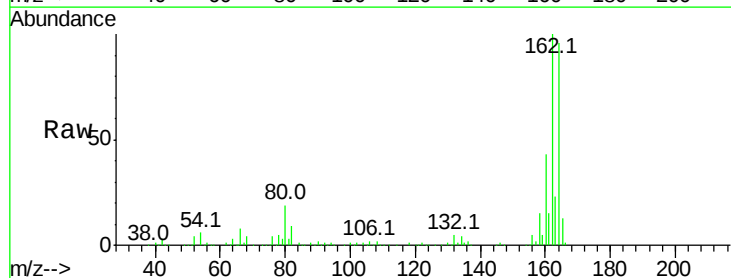
Tgt Ion: 164 Resp: 233708

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

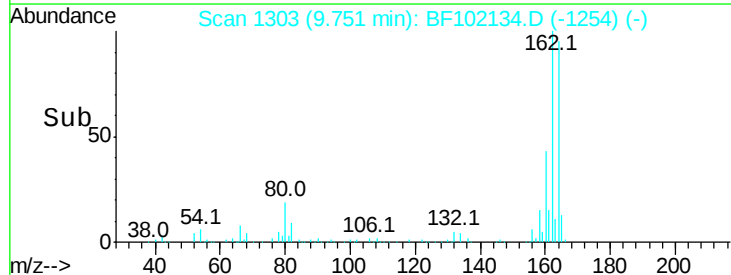
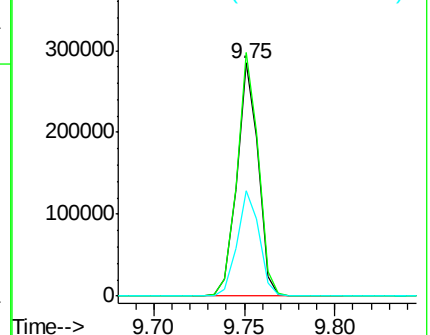
160 45.2 38.3 57.5

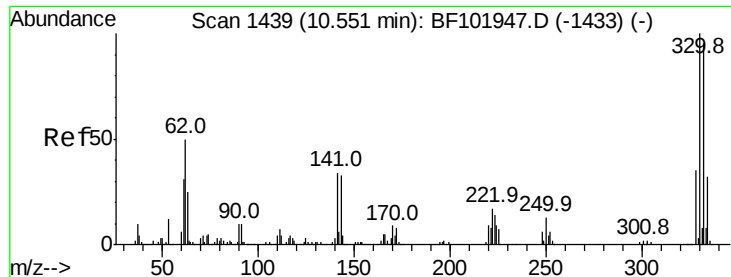


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

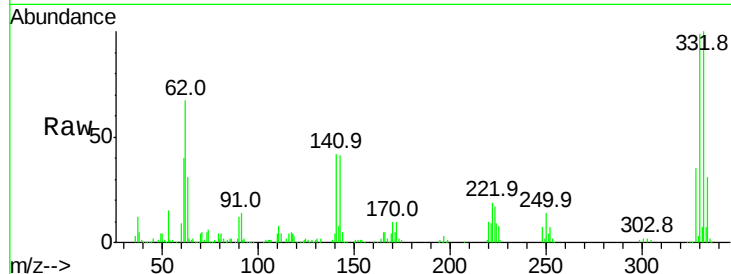




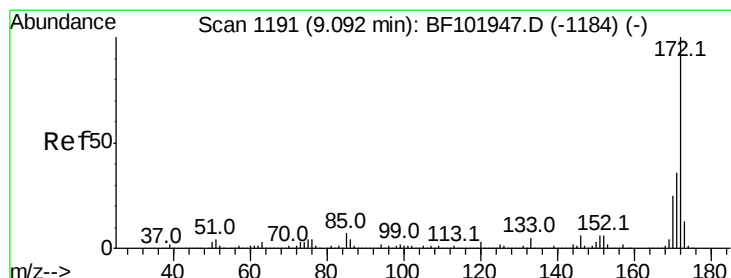
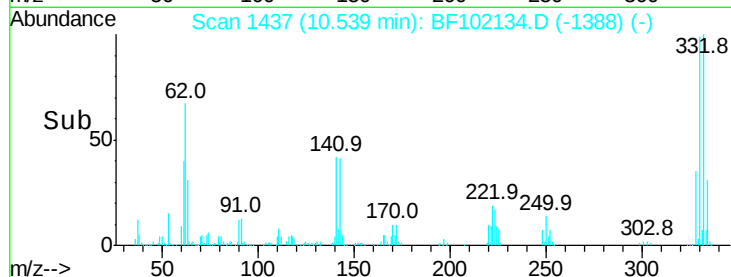
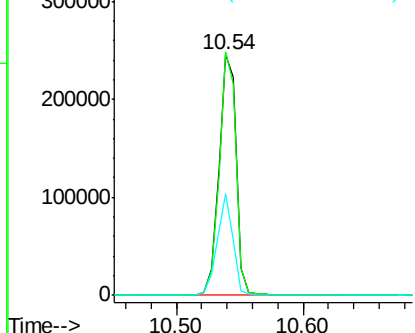
#41
 2,4,6-Tribromophenol
 Concen: 115.538 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102134.D
 Acq: 17 Jan 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	38.9	29.9	44.9

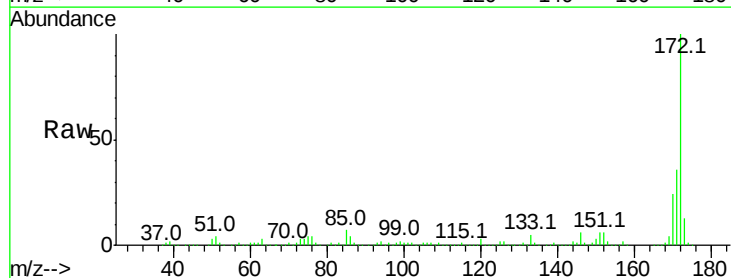


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

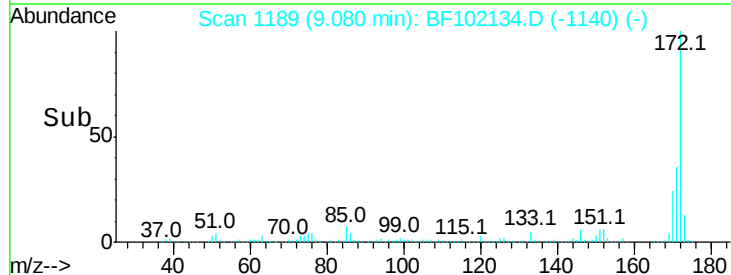
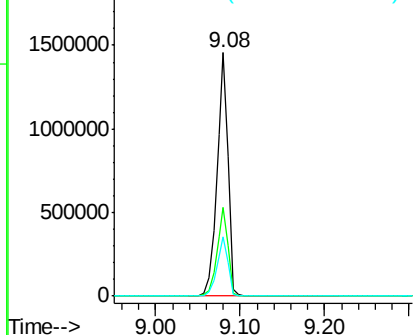


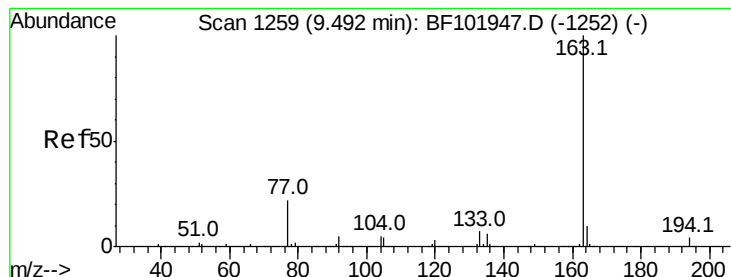
#44
 2-Fluorobiphenyl
 Concen: 90.883 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102134.D
 Acq: 17 Jan 2018 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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: 6.532 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

Instrument :

BNA_F

ClientSampleId :

C-6

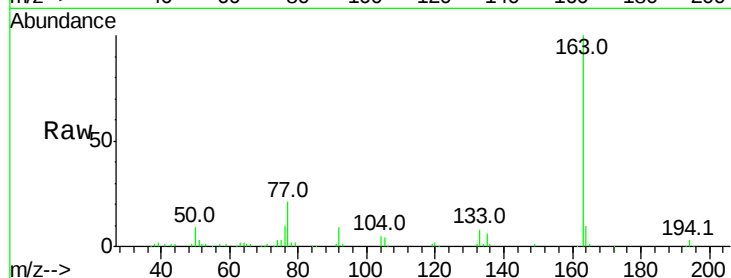
Tot Ion:163 Resp: 122464

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

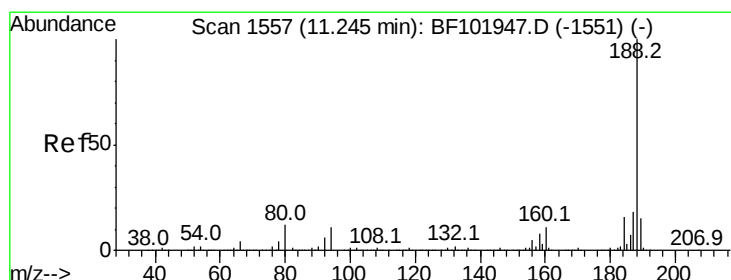
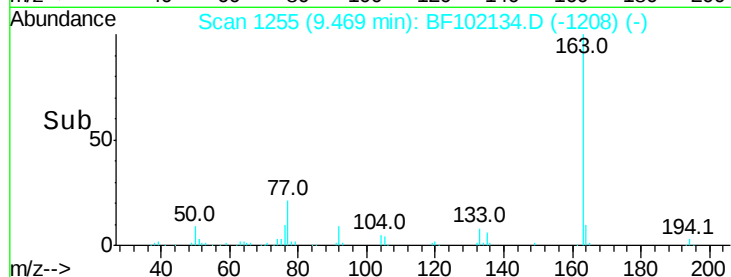
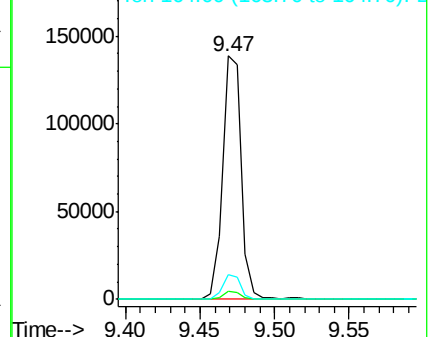
164 10.2 8.2 12.2



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

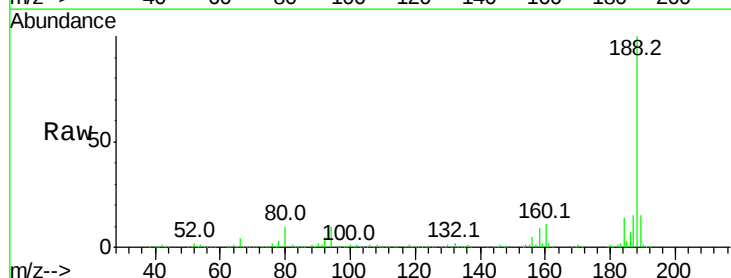
Tgt Ion:188 Resp: 349270

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

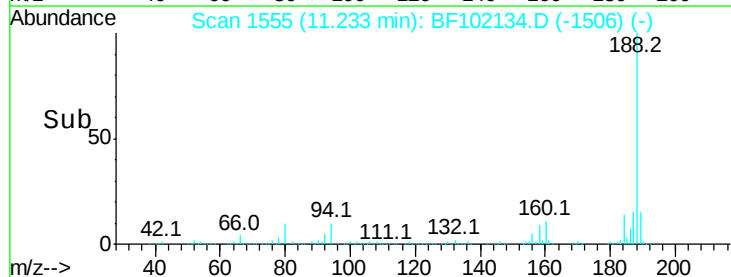
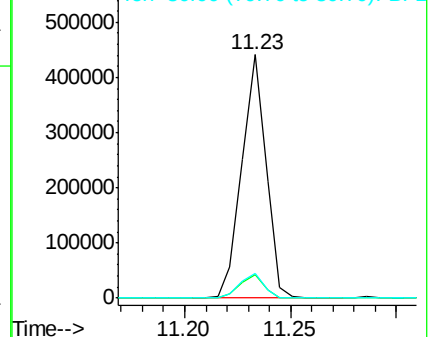
80 10.3 9.2 13.8

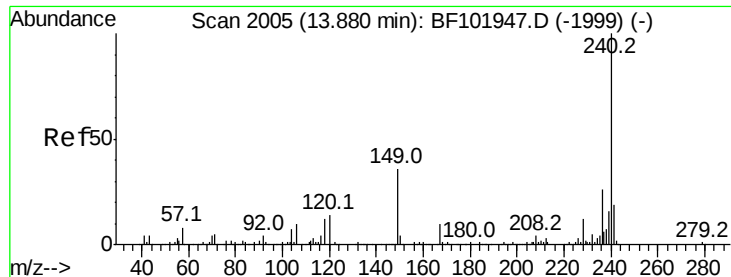


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

Instrument :

BNA_F

ClientSampleId :

C-6

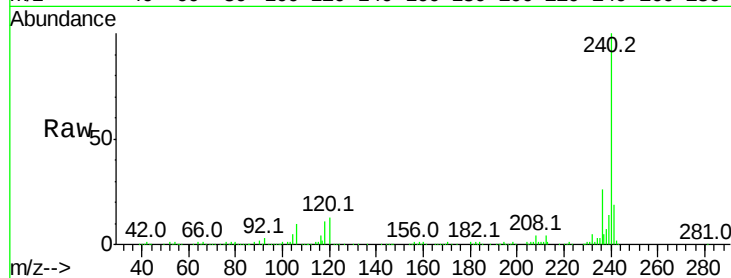
Tot Ion:240 Resp: 242229

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

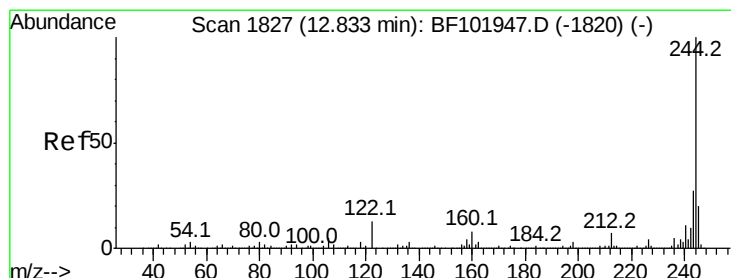
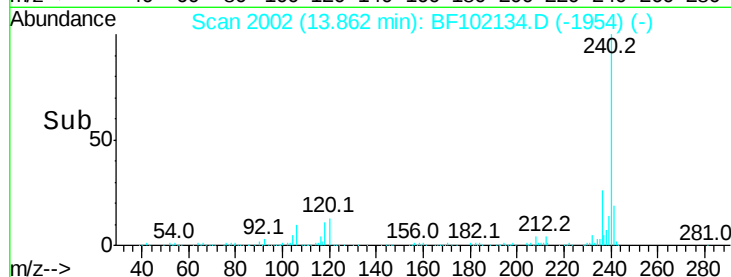
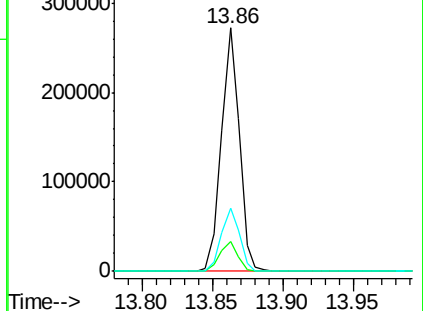
236 26.0 20.7 31.1



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: 80.113 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102134.D

Acq: 17 Jan 2018 2:23

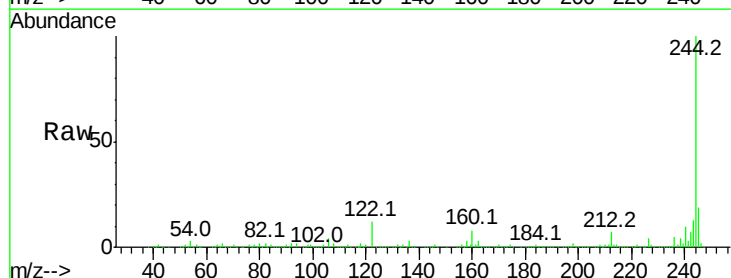
Tgt Ion:244 Resp: 934648

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

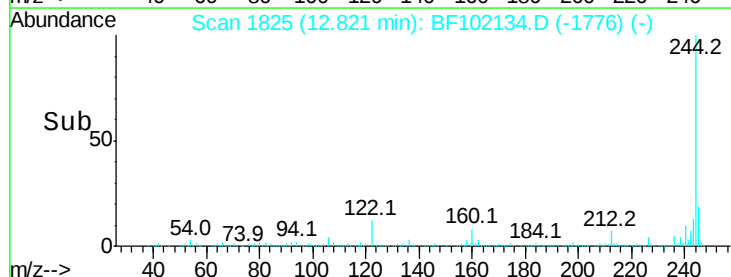
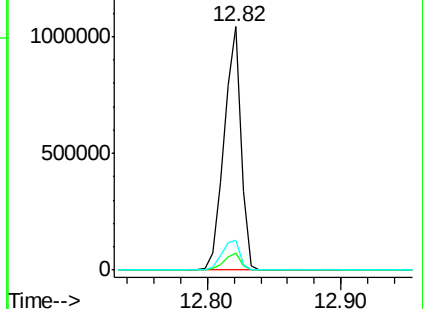
122 12.1 11.0 16.4

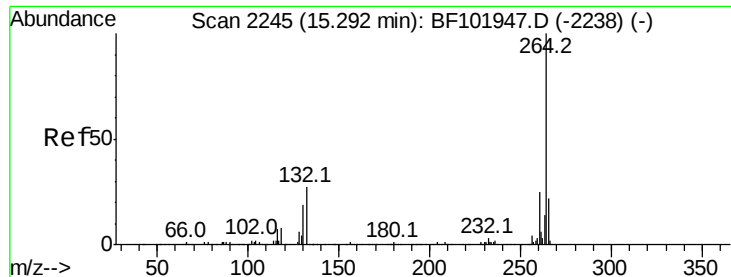


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102134.D
Acq: 17 Jan 2018 2:23

Instrument :
BNA_F
ClientSampleId :
C-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

