

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104127.D
 Acq On : 2 Apr 2018 11:45
 Operator : JU/SJ
 Sample : PB107878BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107878BL

Quant Time: Apr 02 13:52:23 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	89435	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	375281	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	194385	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	380167	20.00	ng	0.00
75) Chrysene-d12	14.14	240	350394	20.00	ng	0.00
86) Perylene-d12	15.69	264	311396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	678362	120.96	ng	0.00
7) Phenol-d6	6.59	99	892100	129.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	526060	85.73	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	269056	124.31	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1094227	88.77	ng	0.00
78) Terphenyl-d14	13.08	244	1252964	82.57	ng	0.00

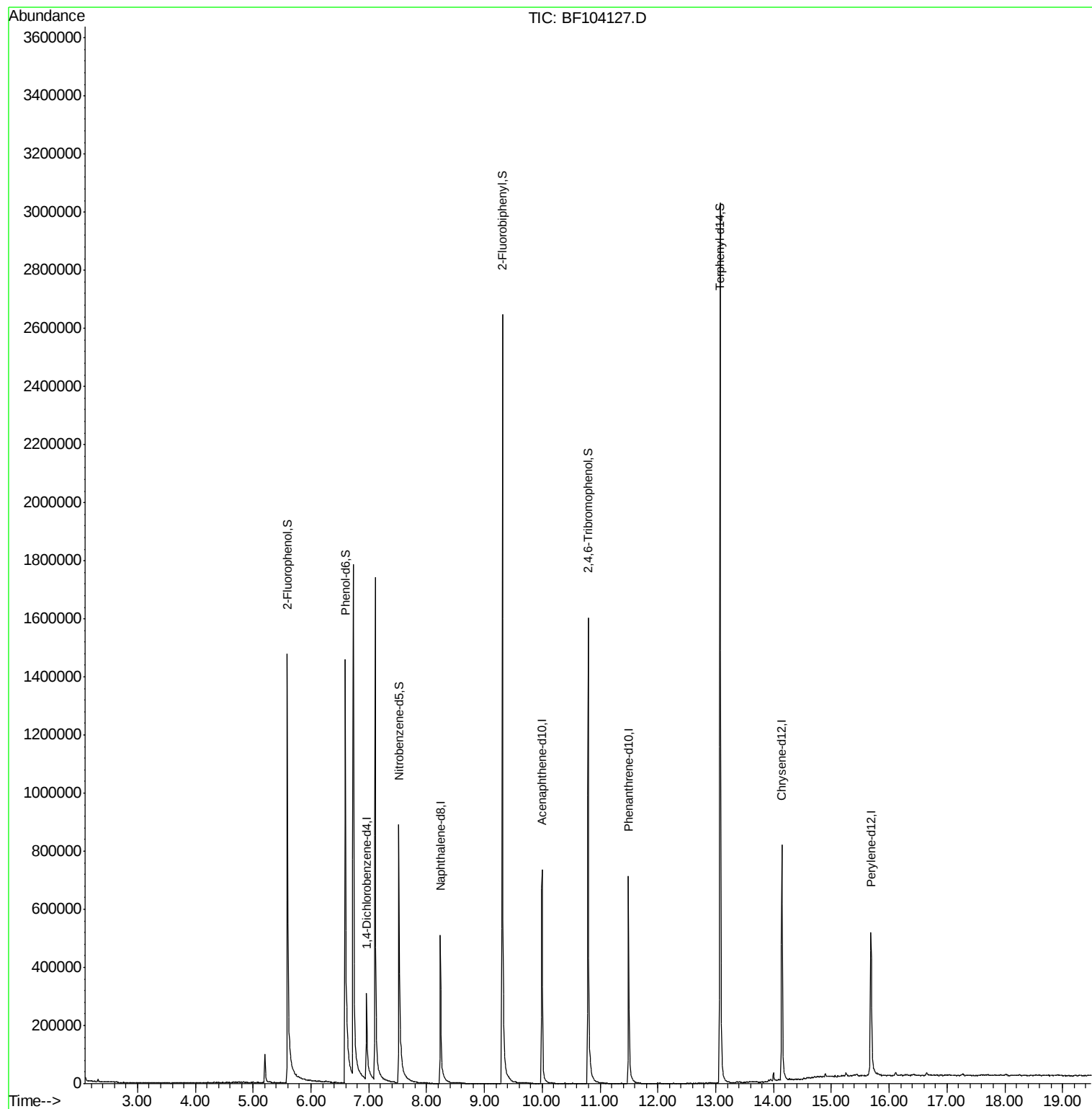
Target Compounds Qvalue

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

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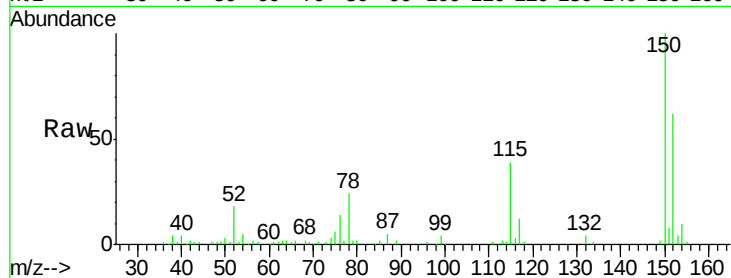


#1

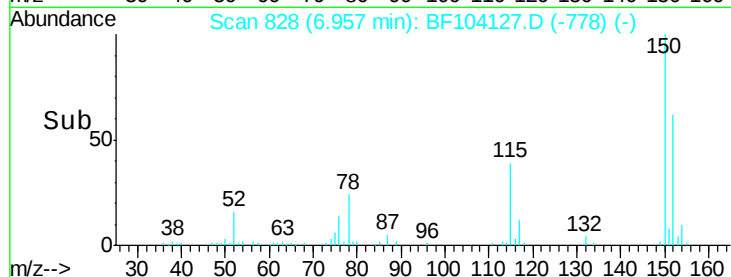
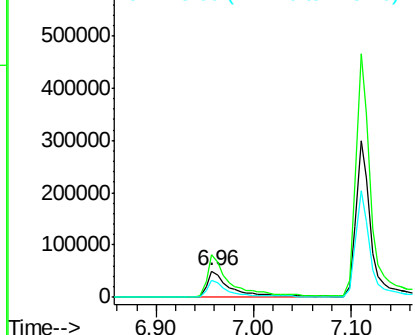
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Instrument :
BNA_F
ClientSampleId :
PB107878BL

Tot Ion:152 Resp: 89435
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 62.5 50.1 75.1



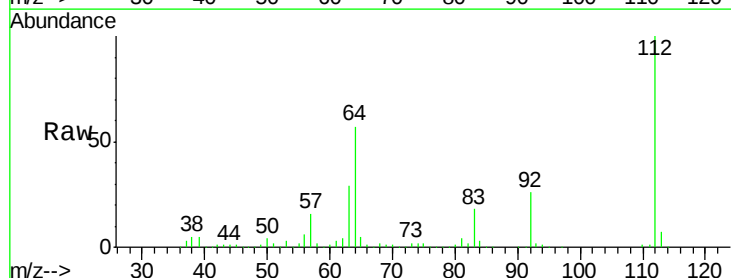
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



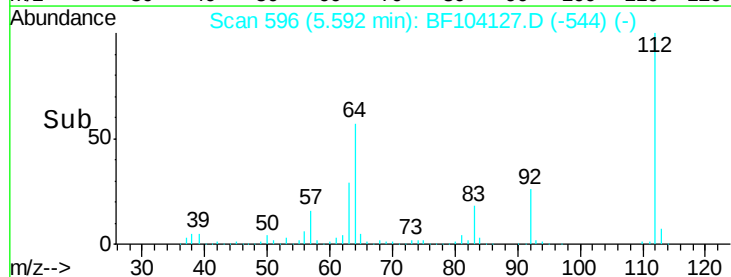
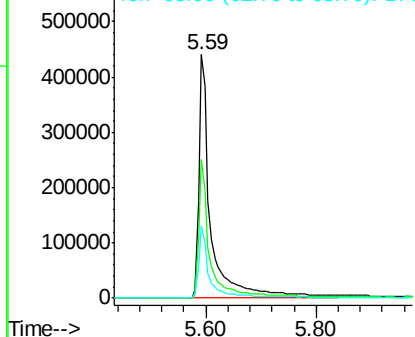
#5

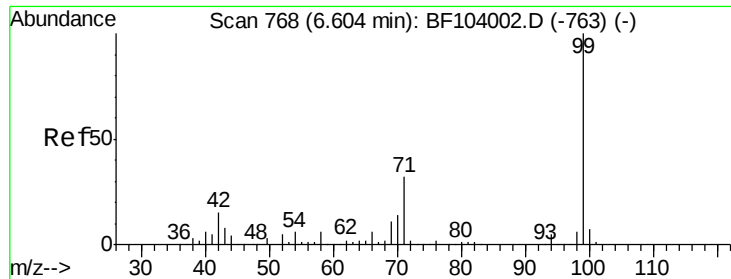
2-Fluorophenol
Concen: 120.961 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Tgt Ion:112 Resp: 678362
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 29.4 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: 129.296 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

Instrument :

BNA_F

ClientSampleId :

PB107878BL

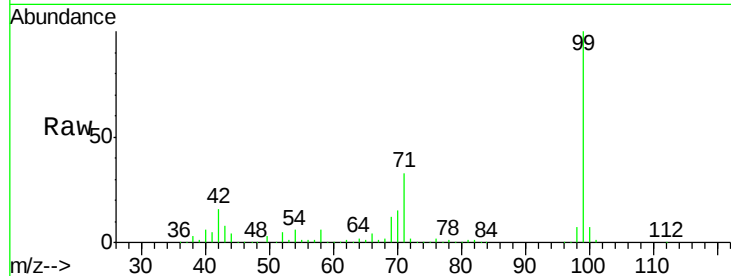
Tot Ion: 99 Resp: 892100

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

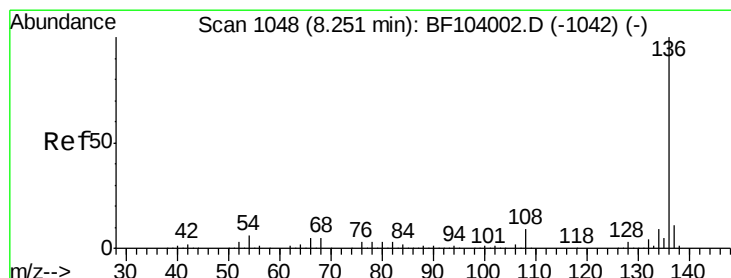
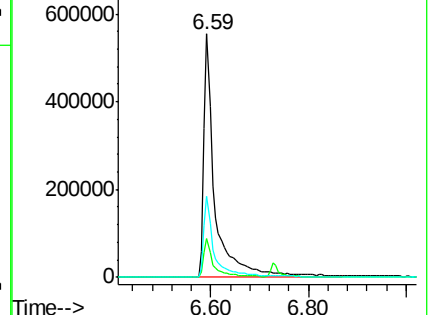
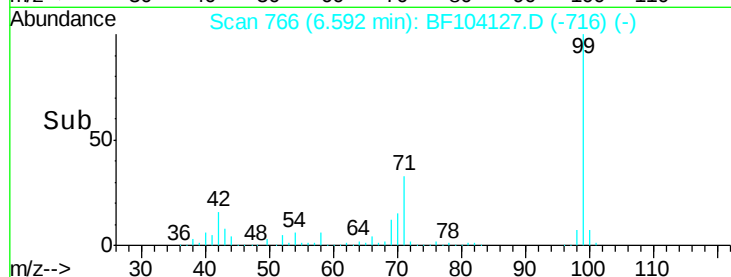
71 33.4 25.4 38.0



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: BF104127.D

Acq: 2 Apr 2018 11:45

Tgt Ion: 136 Resp: 375281

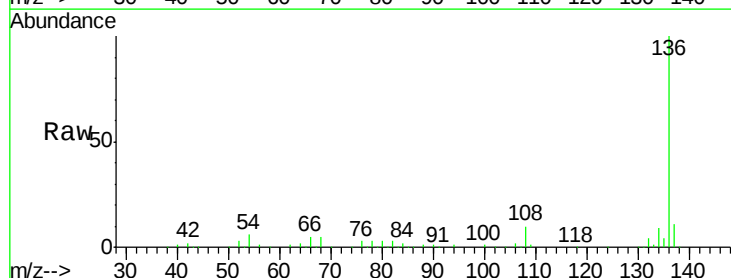
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

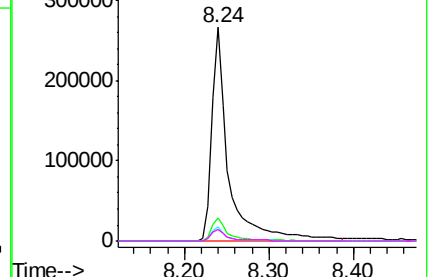
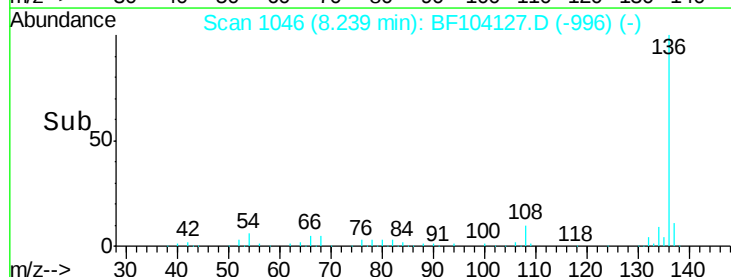


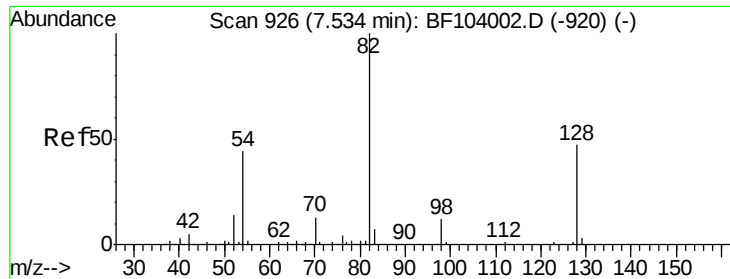
Abundance Ion 136.00 (135.70 to 136.70): E

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

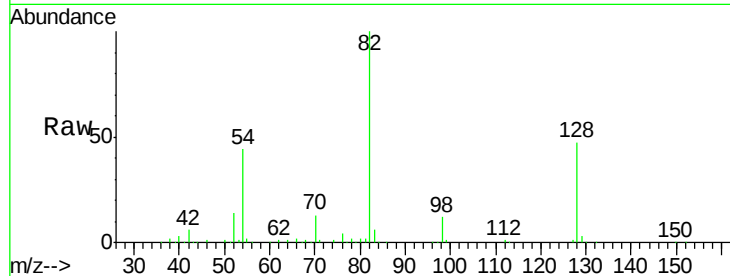




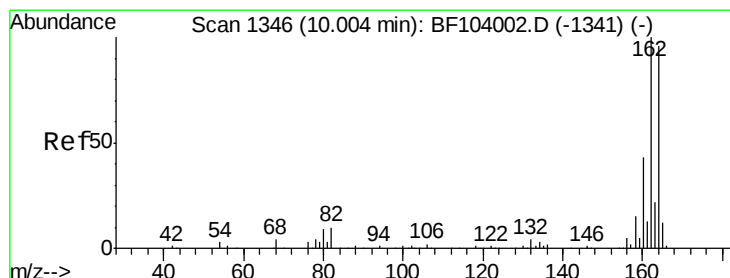
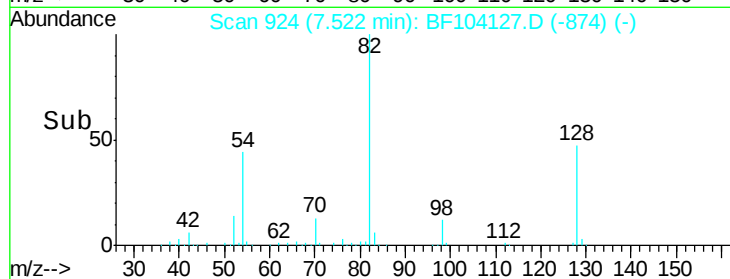
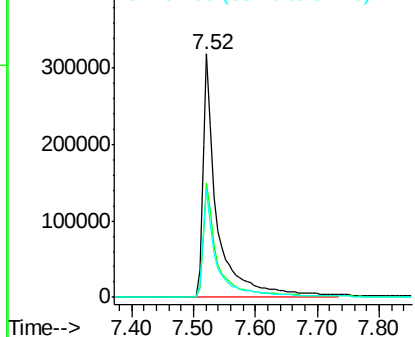
#23
 Nitrobenzene-d5
 Concen: 85.726 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB107878BL

Tot Ion: 82 Resp: 526060
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.1 54.1
 54 44.3 41.4 62.2

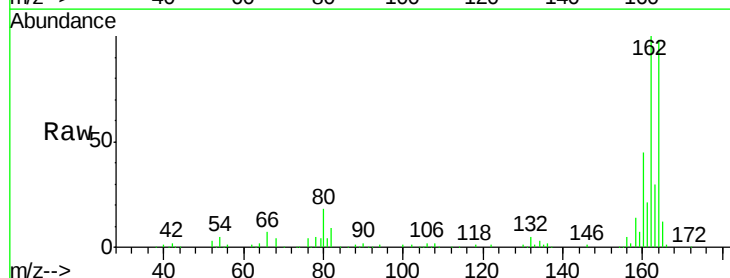


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

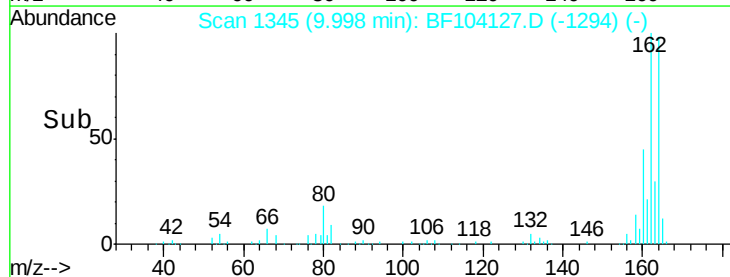
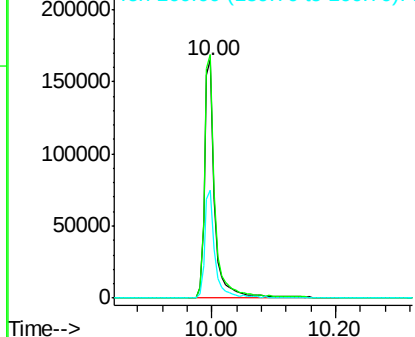


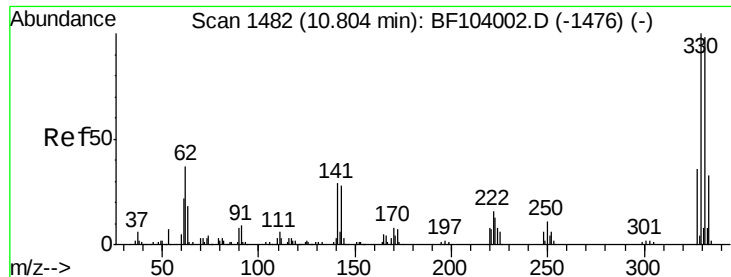
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Tgt Ion: 164 Resp: 194385
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 45.5 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

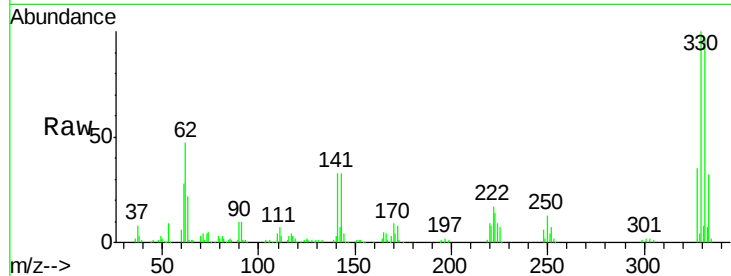




#41
 2,4,6-Tribromophenol
 Concen: 124.305 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB107878BL

Tot Ion	330	332	141
Resp:	269056		
Ion Ratio	100	96.0	31.2
Lower		77.0	29.9
Upper		115.6	44.9

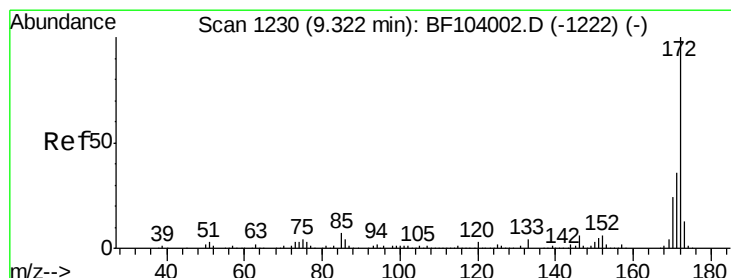
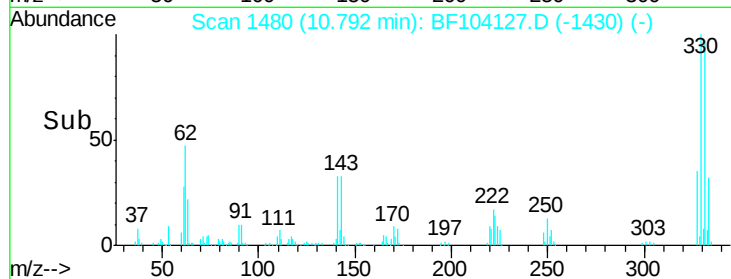
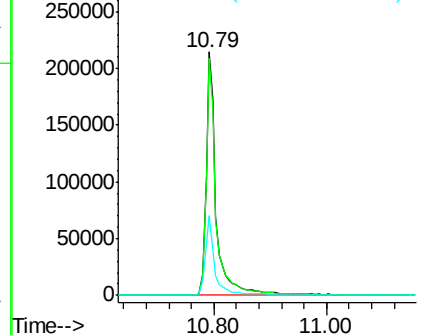


Abundance

Ion 329.80 (329.50 to 330.50): E

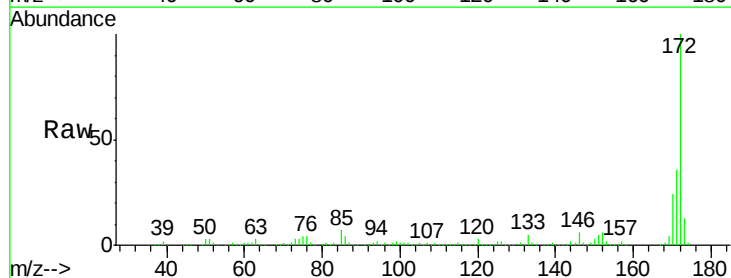
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.767 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Tgt Ion	172	171	170
Resp:	1094227		
Ion Ratio	100	36.4	23.6
Lower		29.7	19.6
Upper		44.5	29.4

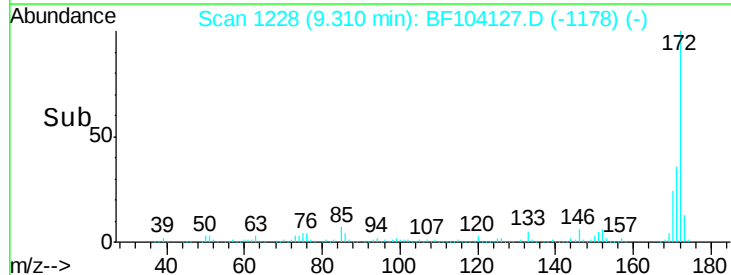
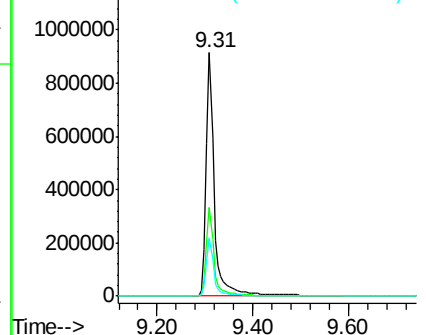


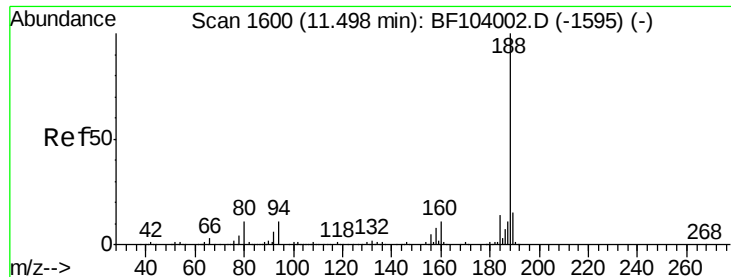
Abundance

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: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

Instrument :

BNA_F

ClientSampleId :

PB107878BL

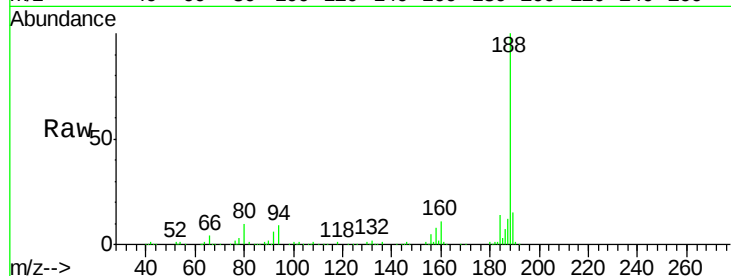
Tot Ion:188 Resp: 380167

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

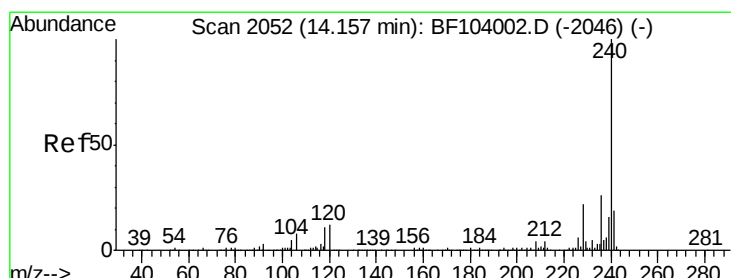
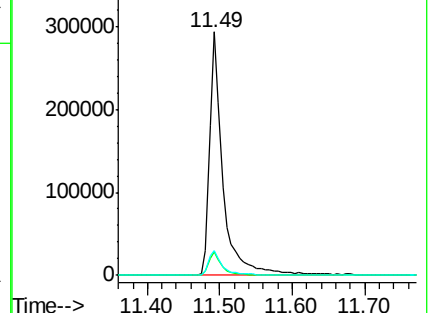
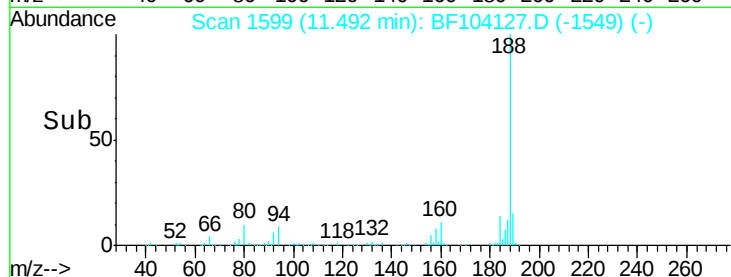
80 10.4 9.2 13.8



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: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

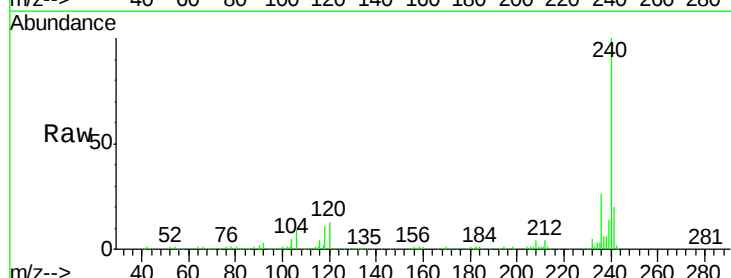
Tgt Ion:240 Resp: 350394

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

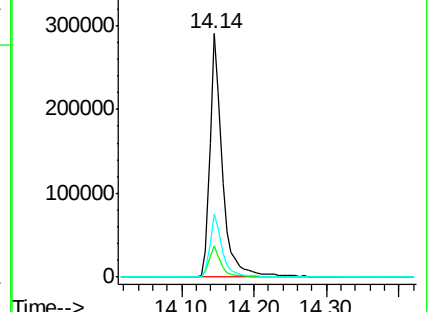
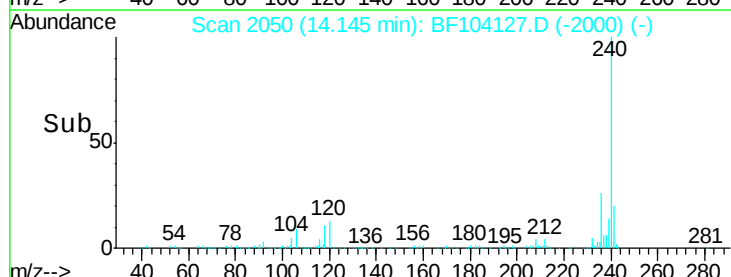
236 25.8 20.7 31.1

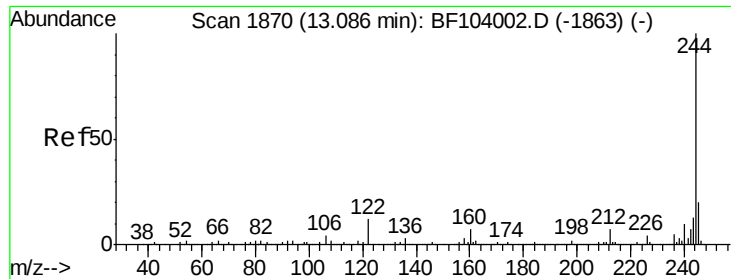


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.565 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

Instrument :

BNA_F

ClientSampled :

PB107878BL

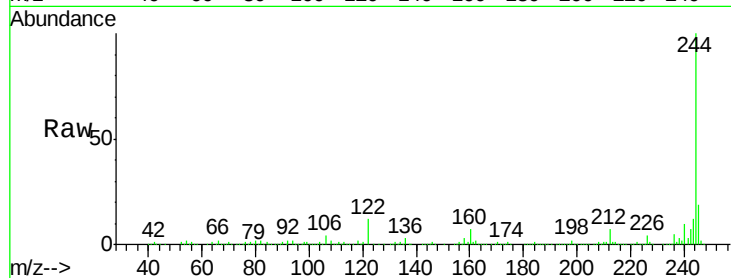
Tot Ion:244 Resp: 1252964

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

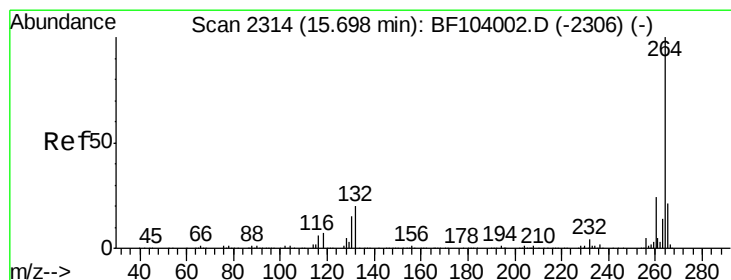
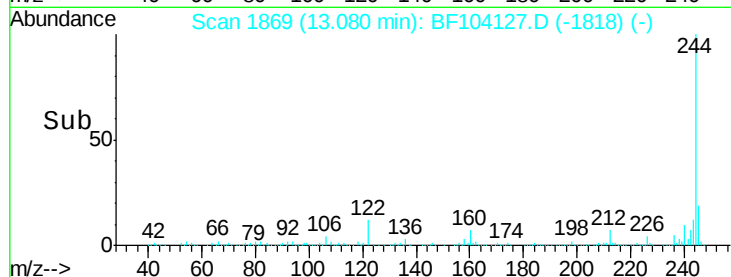
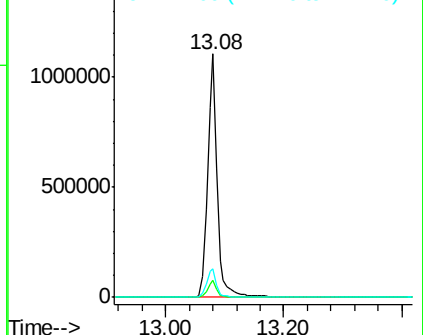
122 11.9 11.0 16.4



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: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

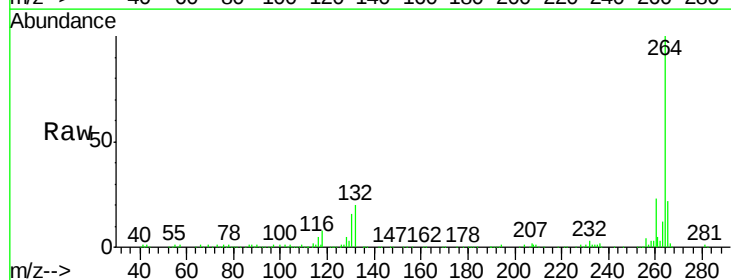
Tgt Ion:264 Resp: 311396

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.4 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

