

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103696.D
 Acq On : 16 Mar 2018 15:05
 Operator : JU/SJ
 Sample : PB107310BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BL

Quant Time: Mar 16 16:03:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163115	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	671033	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	314446	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	581495	20.00	ng	0.00
75) Chrysene-d12	14.14	240	496496	20.00	ng	0.00
86) Perylene-d12	15.67	264	360813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1045865	97.52	ng	0.01
7) Phenol-d6	6.58	99	1270530	96.84	ng	0.00
23) Nitrobenzene-d5	7.53	82	1094292	113.72	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	256741	94.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1807101	91.67	ng	0.00
78) Terphenyl-d14	13.09	244	1801967	84.24	ng	0.00

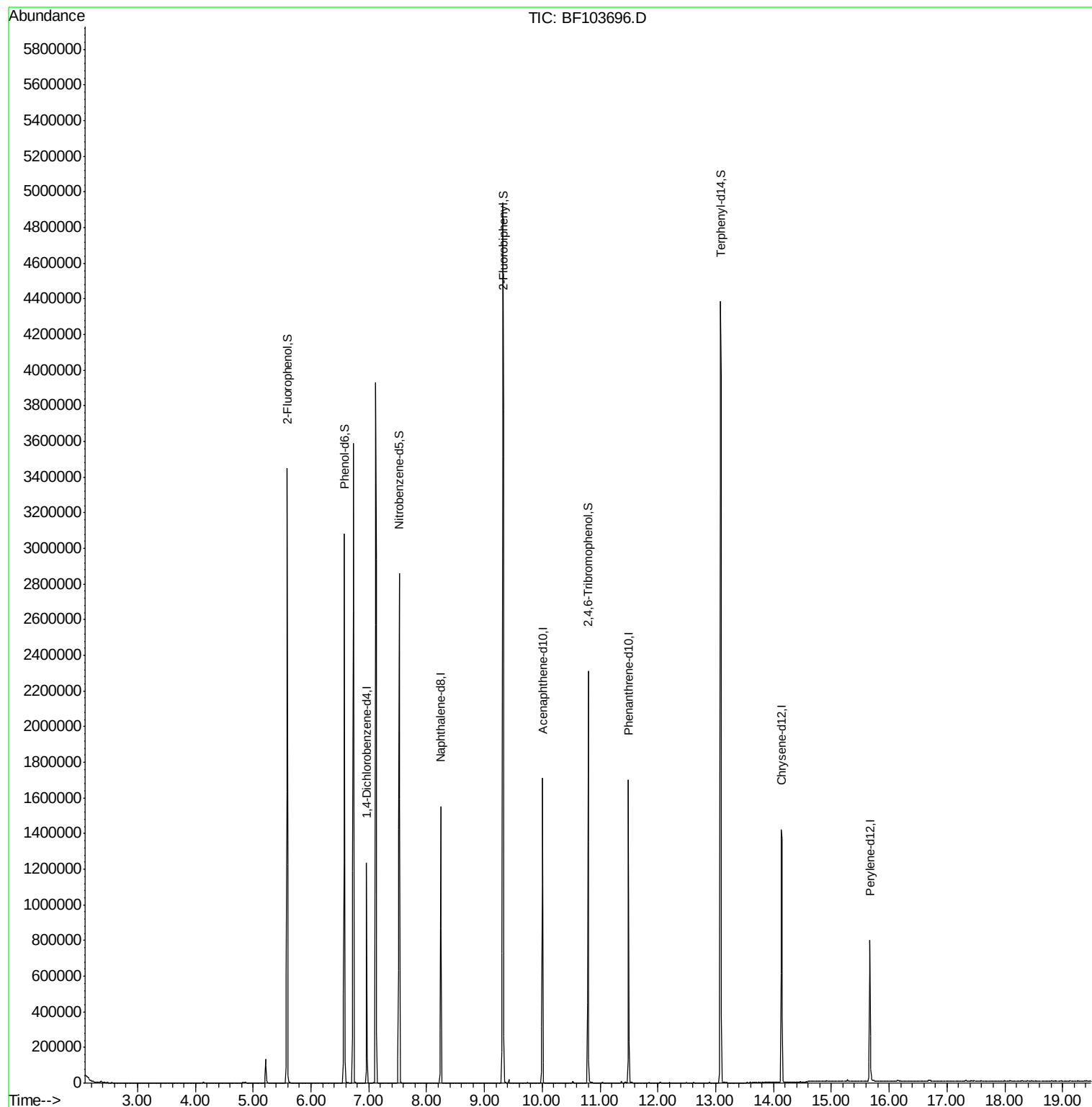
Target Compounds Qvalue

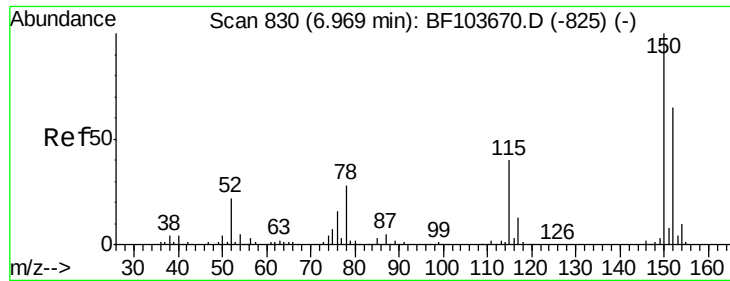
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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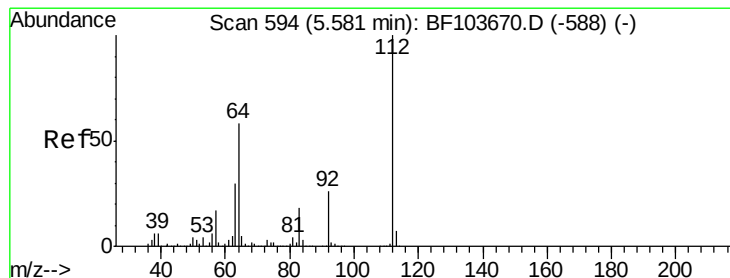
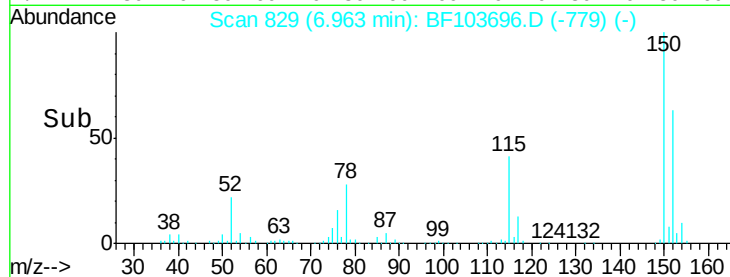
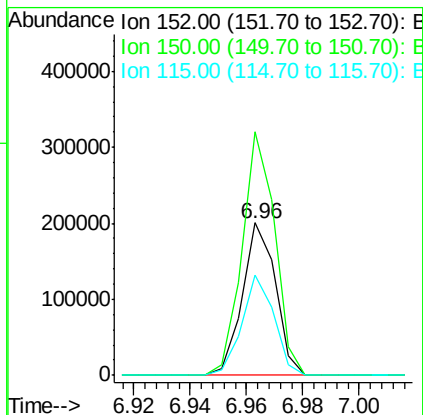
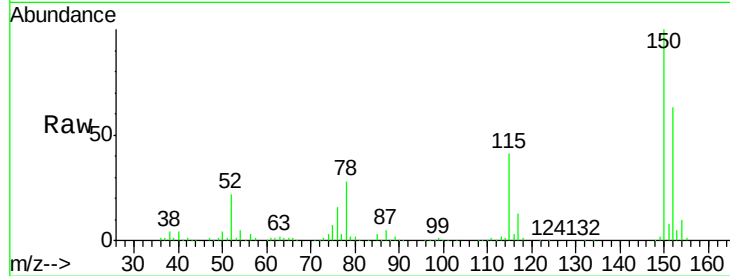


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Instrument :
BNA_F
ClientSampleId :
PB107310BL

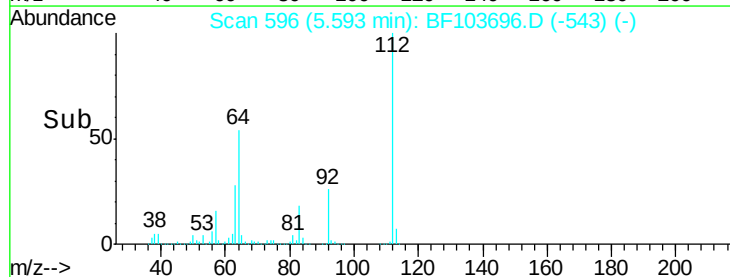
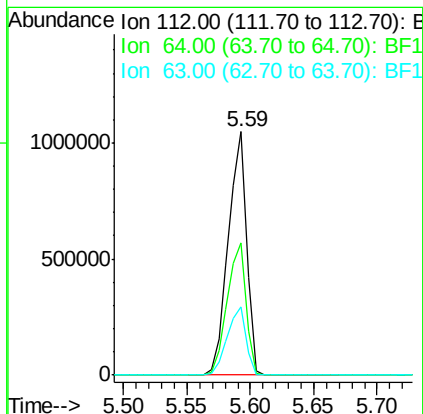
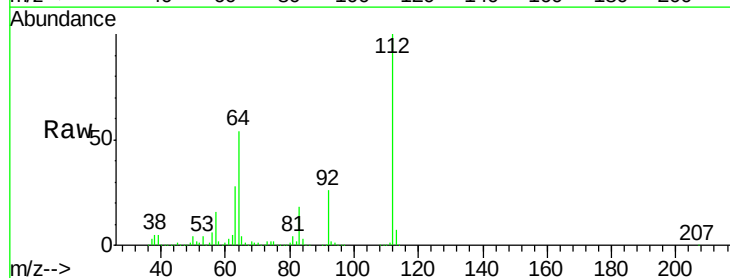
Tot Ion:152 Resp: 163115
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 65.6 50.1 75.1

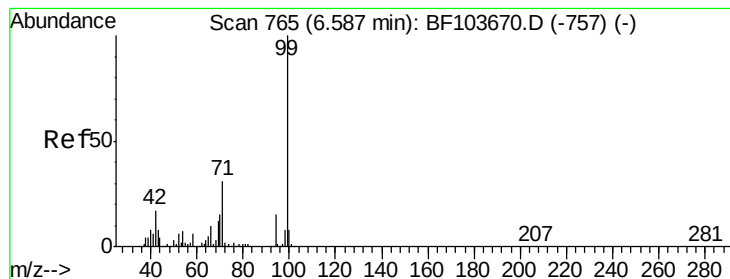


#5

2-Fluorophenol
Concen: 97.523 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103696.D
Acq: 16 Mar 2018 15:05

Tgt Ion:112 Resp: 1045865
Ion Ratio Lower Upper
112 100
64 54.5 47.9 71.9
63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 96.837 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103696.D

Acq: 16 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

PB107310BL

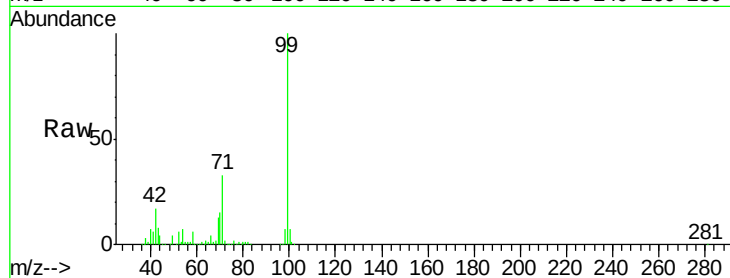
Tot Ion: 99 Resp: 1270530

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

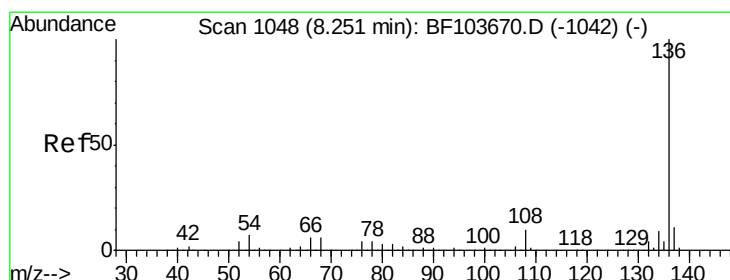
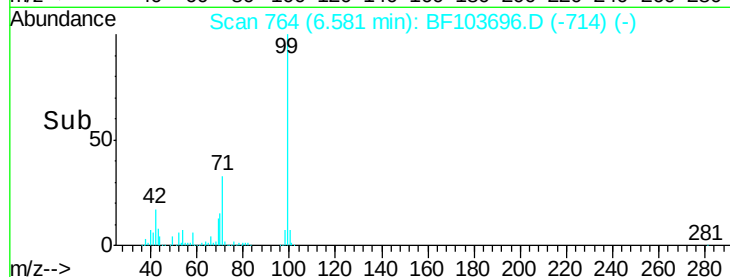
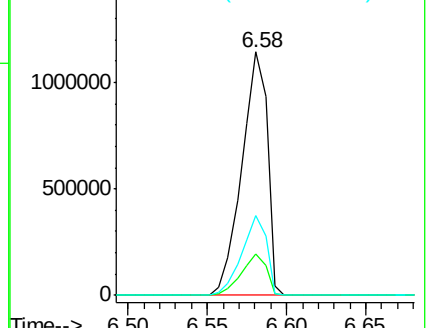
71 32.8 25.4 38.0



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: BF103696.D

Acq: 16 Mar 2018 15:05

Tgt Ion: 136 Resp: 671033

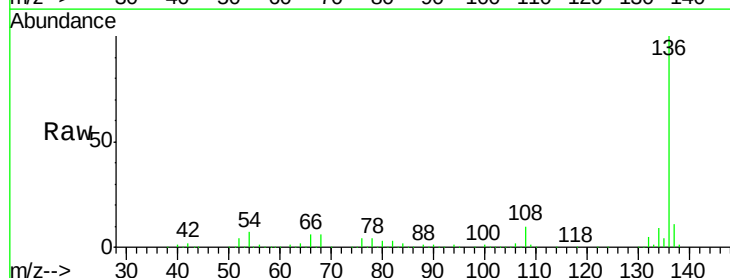
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

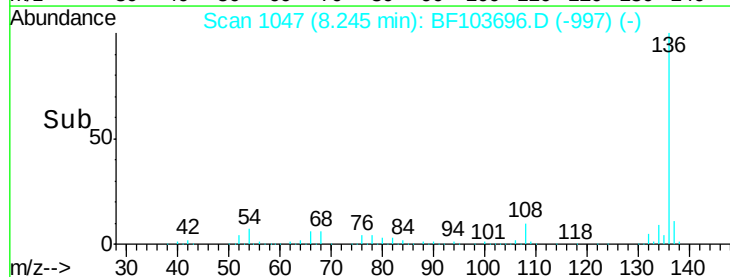
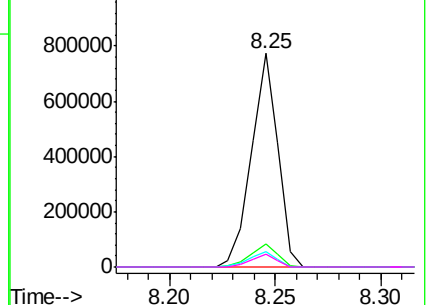


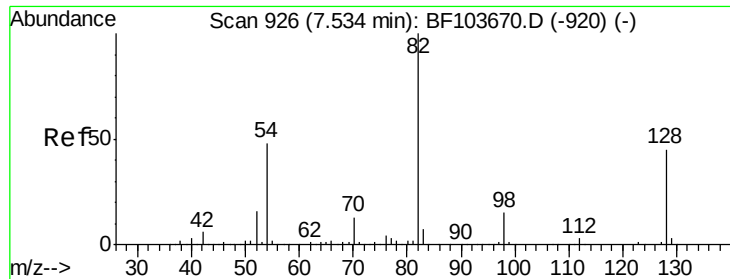
Abundance Ion 136.00 (135.70 to 136.70): E

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

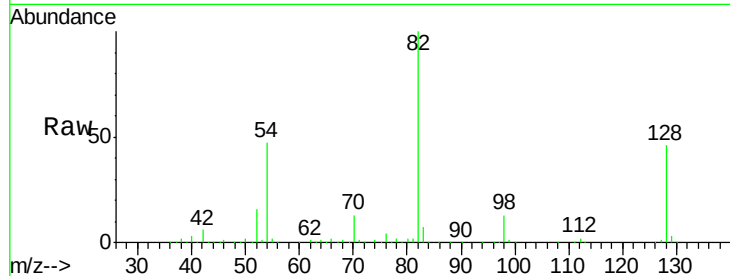




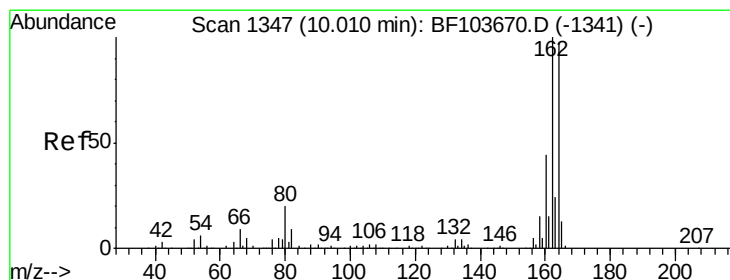
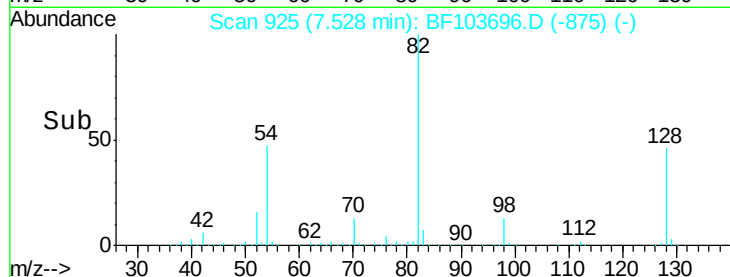
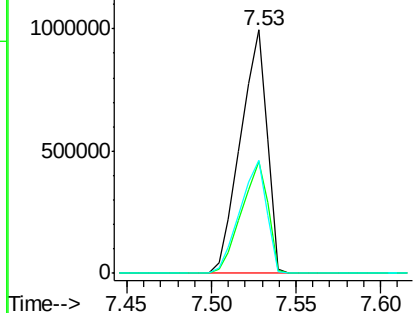
#23
 Nitrobenzene-d5
 Concen: 113.722 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BL

Tot Ion: 82 Resp: 1094292
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 46.5 41.4 62.2

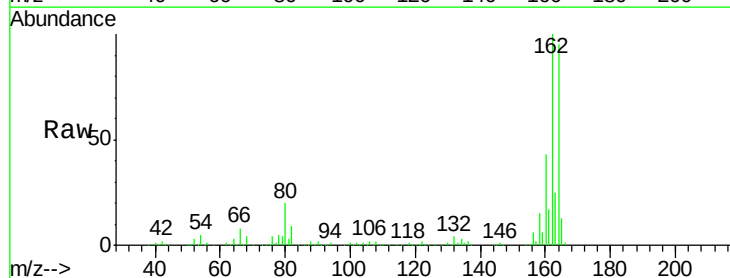


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

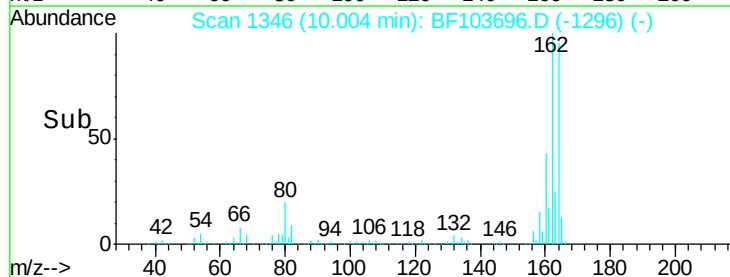
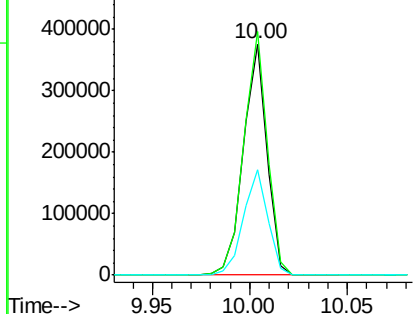


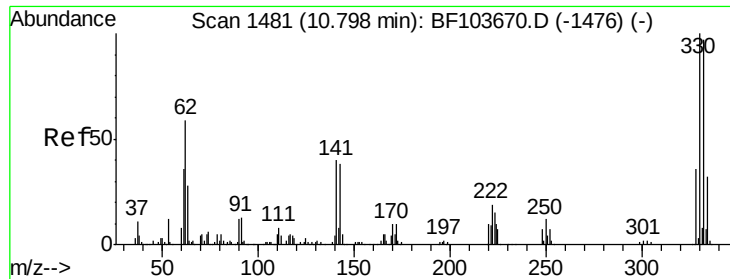
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Tgt Ion:164 Resp: 314446
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 45.7 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

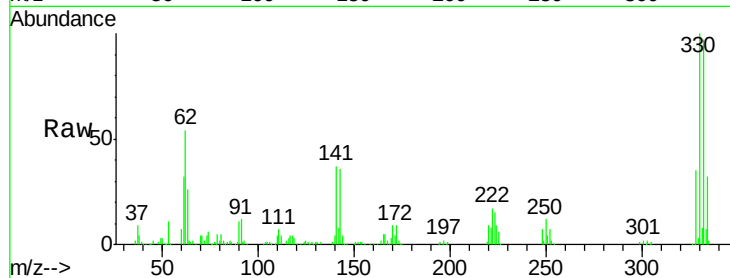




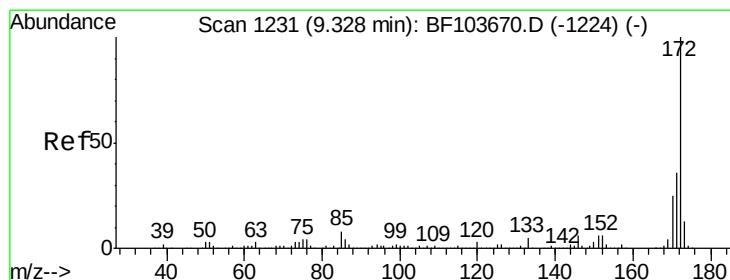
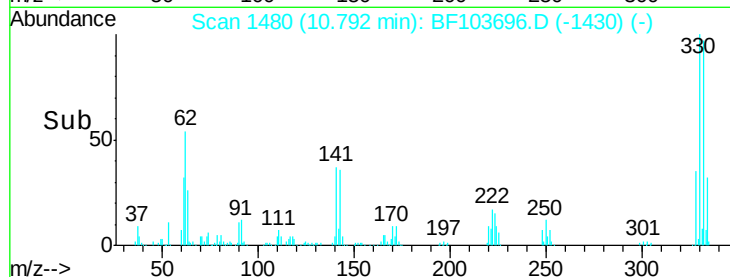
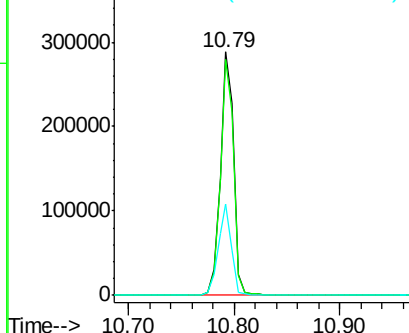
#41
 2,4,6-Tribromophenol
 Concen: 94.962 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BL

Tot Ion:330 Resp: 256741
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.4 29.9 44.9

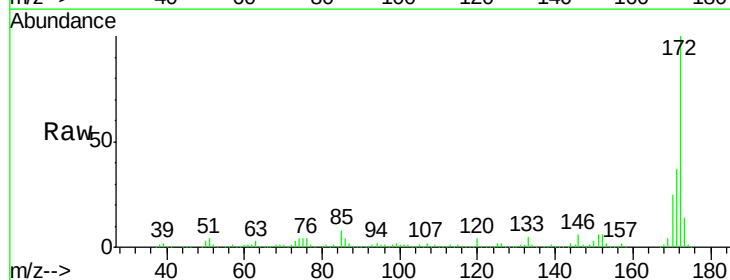


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

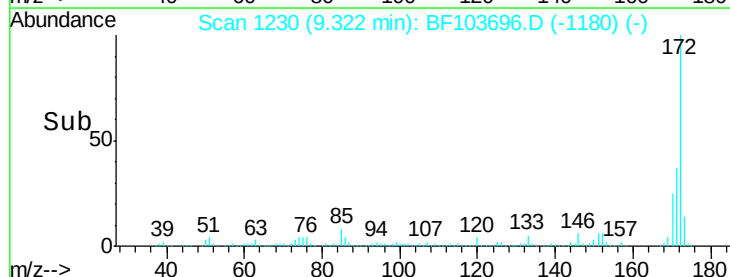
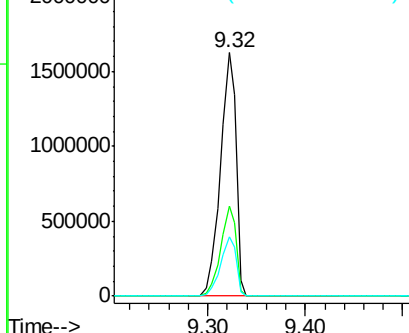


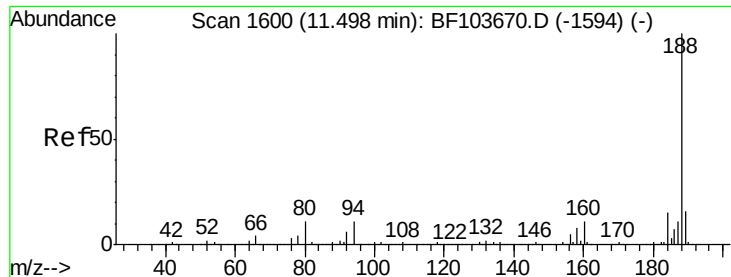
#44
 2-Fluorobiphenyl
 Concen: 91.672 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Tgt Ion:172 Resp: 1807101
 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: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF103696.D

Acq: 16 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

PB107310BL

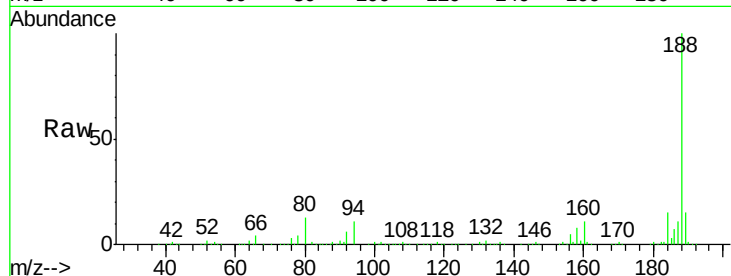
Tot Ion:188 Resp: 581495

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

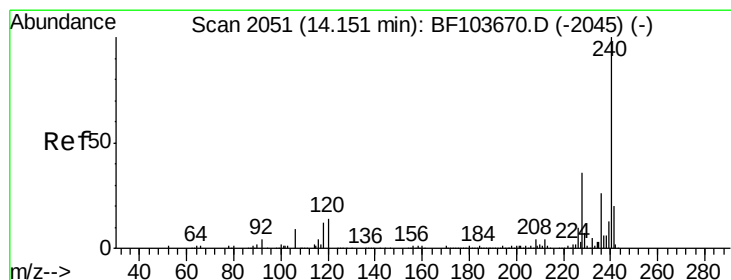
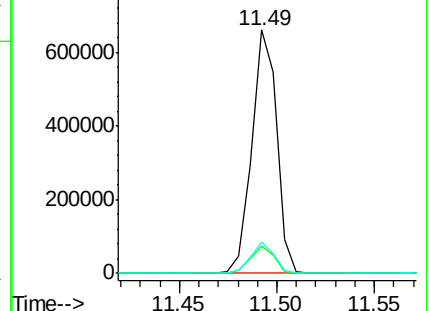
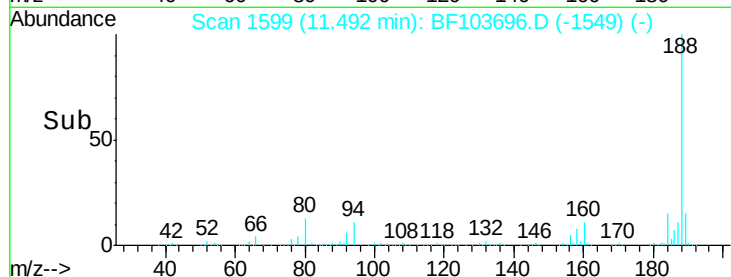
80 12.6 9.2 13.8



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: BF103696.D

Acq: 16 Mar 2018 15:05

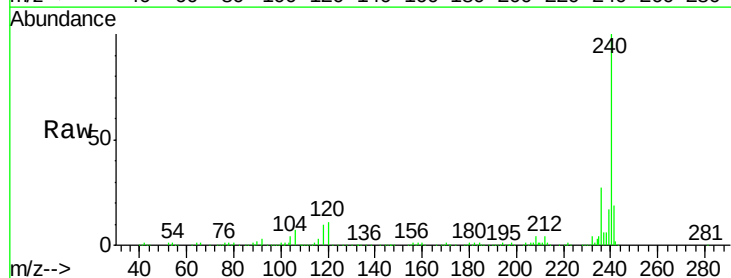
Tgt Ion:240 Resp: 496496

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

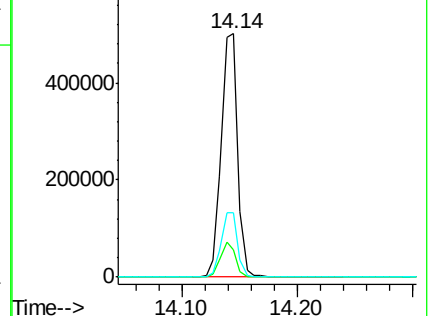
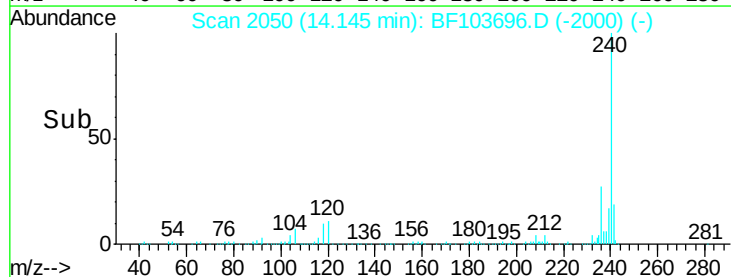
236 26.6 20.7 31.1

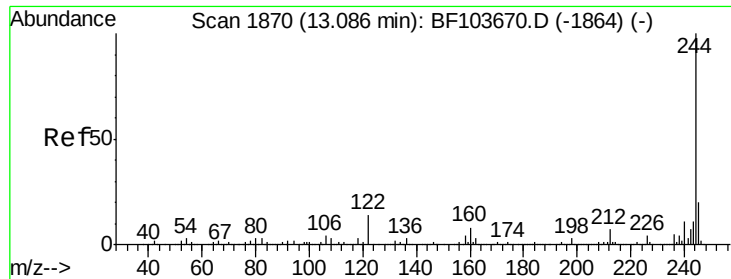


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

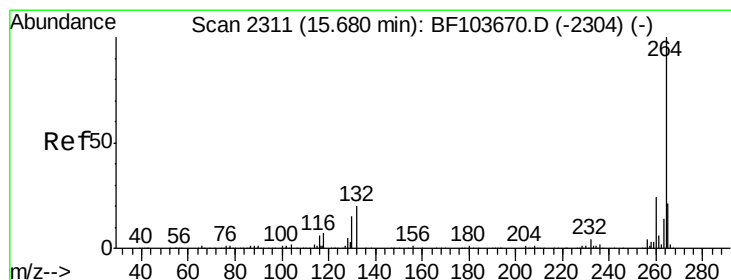
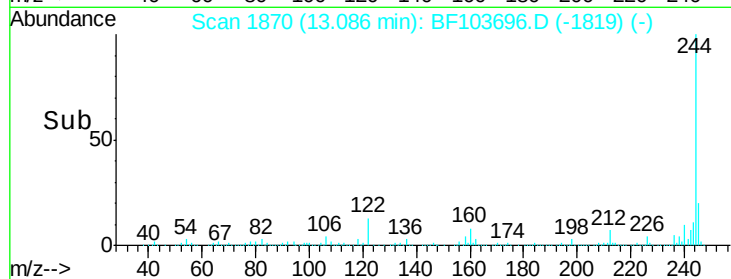
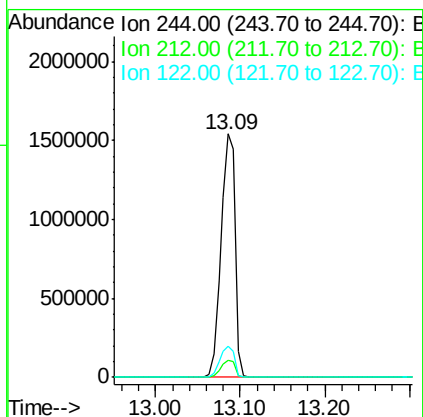
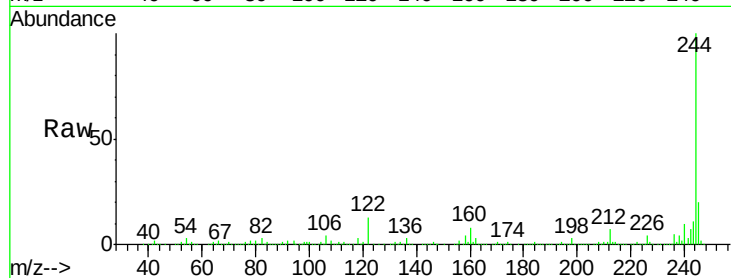




#78
 Terphenyl-d14
 Concen: 84.243 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BL

Tot Ion:244 Resp: 1801967
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF103696.D
 Acq: 16 Mar 2018 15:05

Tgt Ion:264 Resp: 360813
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.5 26.3

