

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103932.D
 Acq On : 26 Mar 2018 18:36
 Operator : JU/SJ
 Sample : PB107643BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BL

Quant Time: Mar 27 08:09:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127955	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	531099	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	254442	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	482196	20.00	ng	0.00
75) Chrysene-d12	14.16	240	449568	20.00	ng	0.00
86) Perylene-d12	15.70	264	414810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1038459	123.44	ng	0.01
7) Phenol-d6	6.60	99	1257506	122.18	ng	0.00
23) Nitrobenzene-d5	7.53	82	784838	103.05	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	355960	162.71	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1424358	89.30	ng	0.00
78) Terphenyl-d14	13.10	244	1589190	82.05	ng	0.00

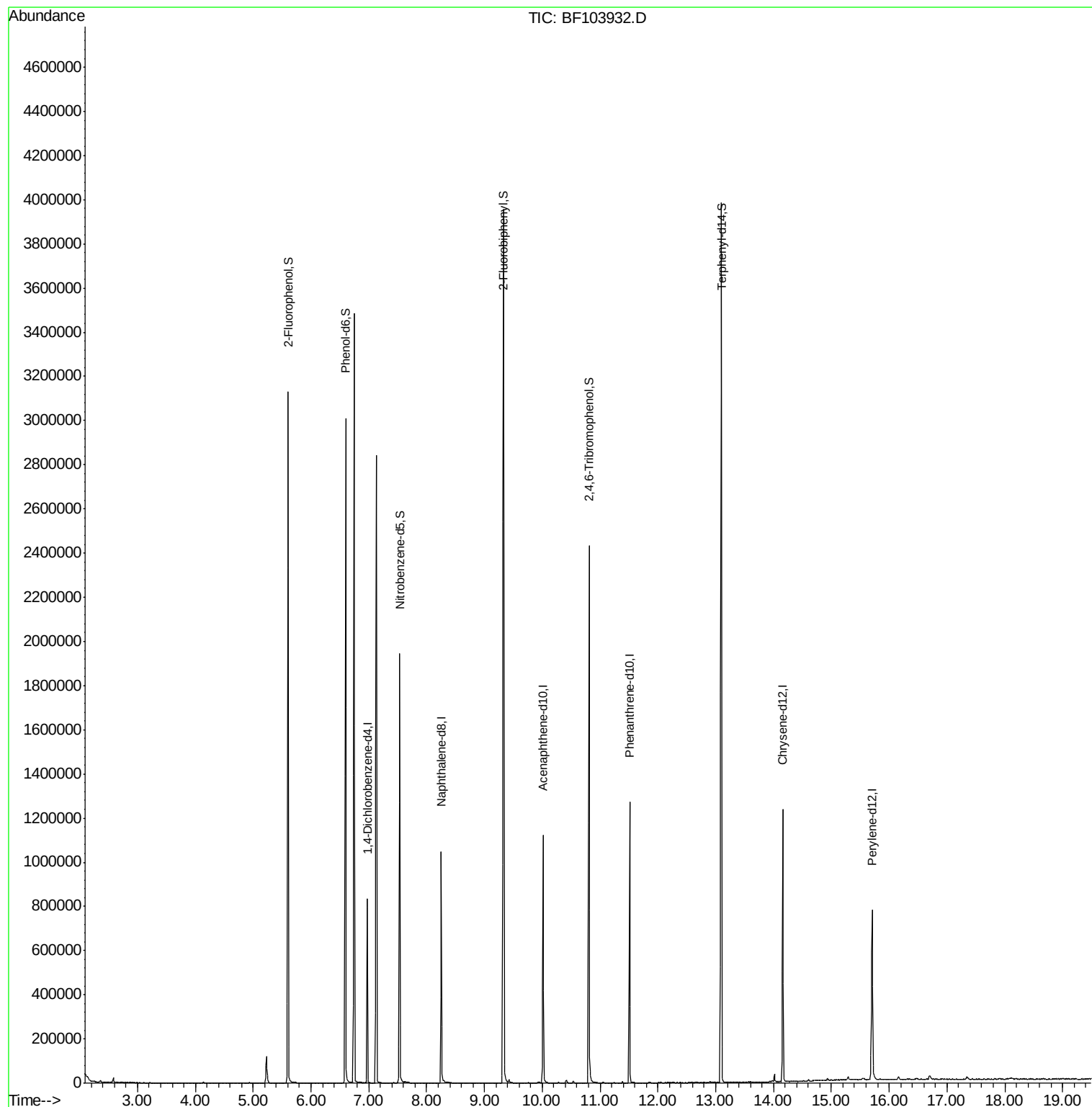
Target Compounds Qvalue

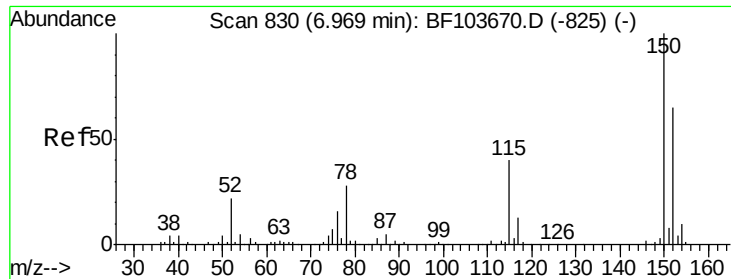
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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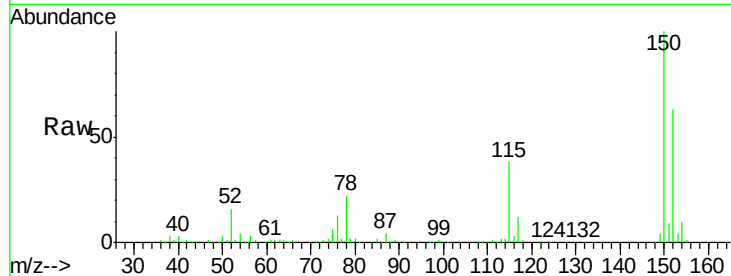


#1

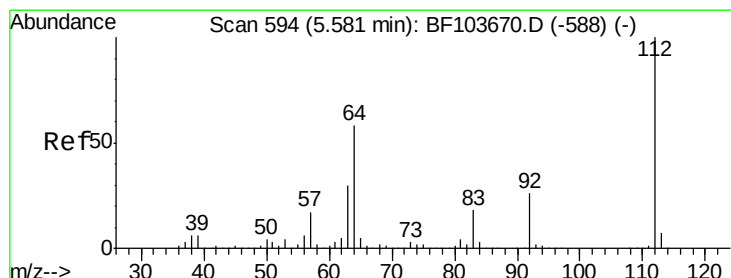
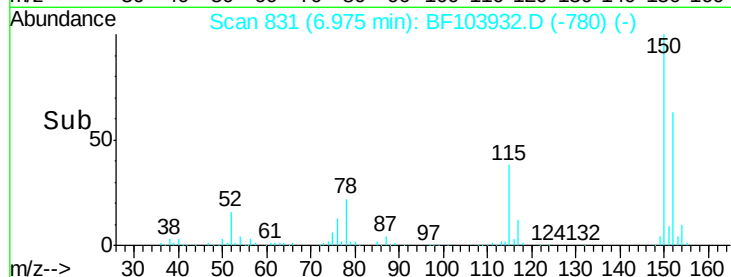
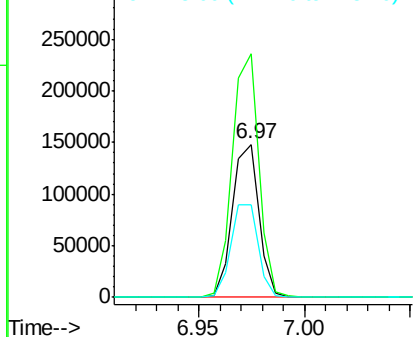
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103932.D
Acq: 26 Mar 2018 18:36

Instrument :
BNA_F
ClientSampleId :
PB107643BL

Tot Ion:152 Resp: 127955
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 60.6 50.1 75.1



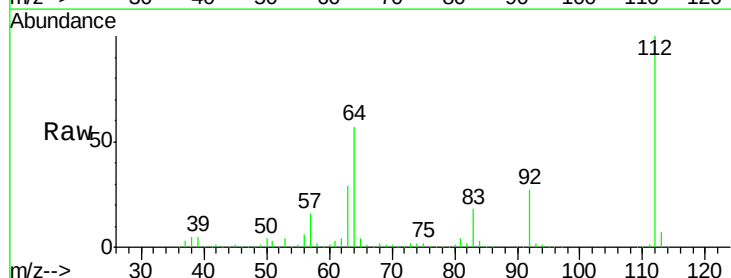
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



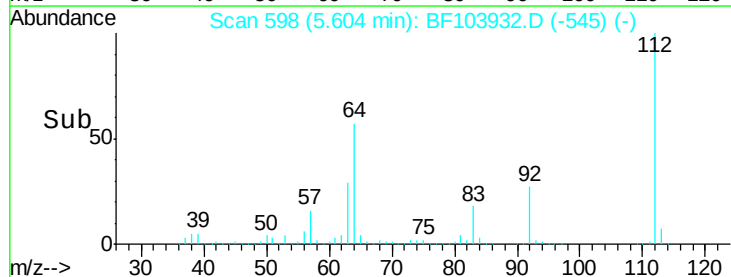
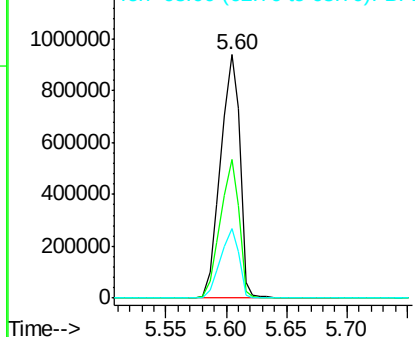
#5

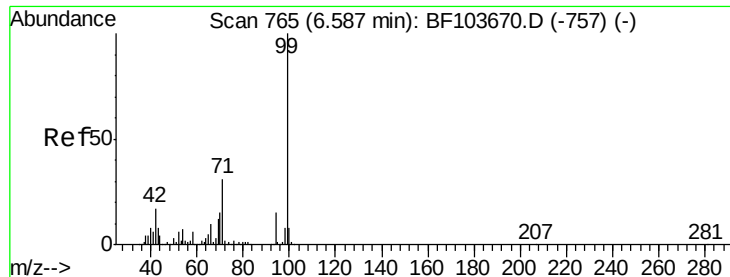
2-Fluorophenol
Concen: 123.441 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103932.D
Acq: 26 Mar 2018 18:36

Tgt Ion:112 Resp: 1038459
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.6 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: 122.180 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103932.D

Acq: 26 Mar 2018 18:36

Instrument :

BNA_F

ClientSampleId :

PB107643BL

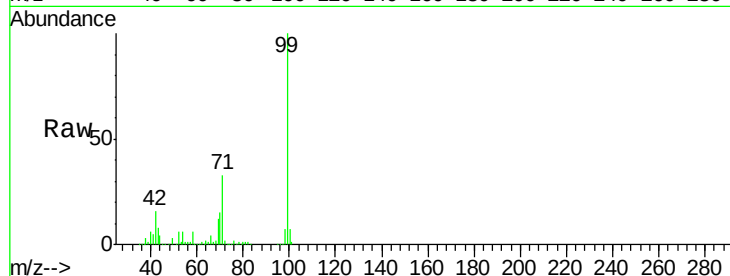
Tot Ion: 99 Resp: 1257506

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

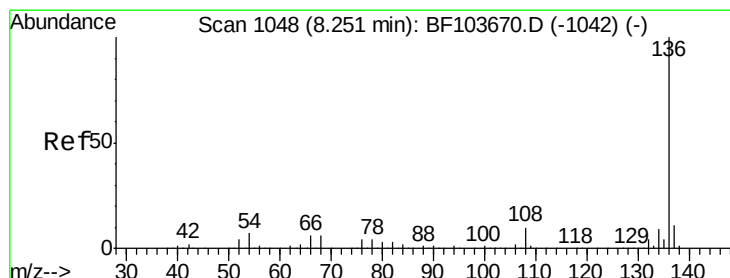
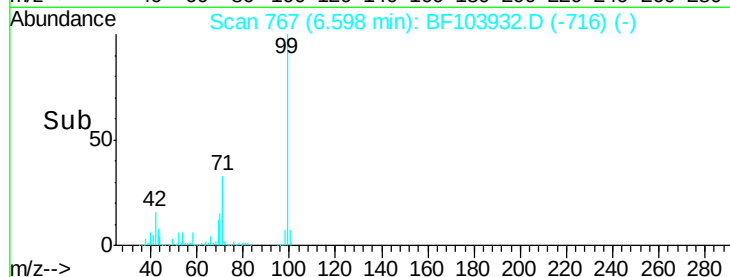
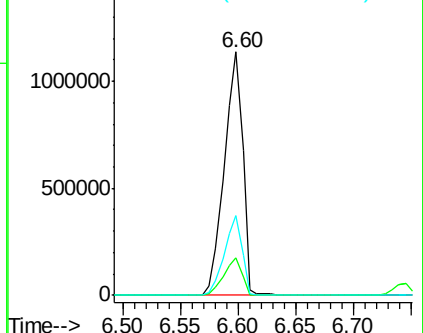
71 33.0 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103932.D

Acq: 26 Mar 2018 18:36

Tgt Ion: 136 Resp: 531099

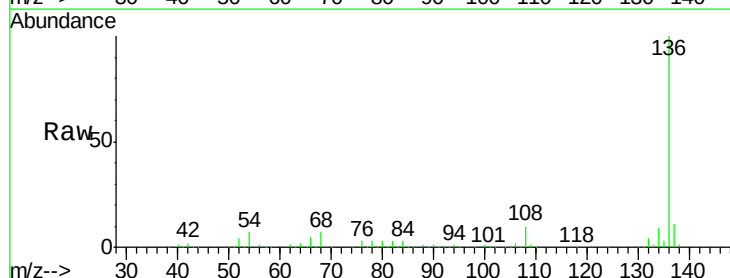
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 6.6 5.0 7.4

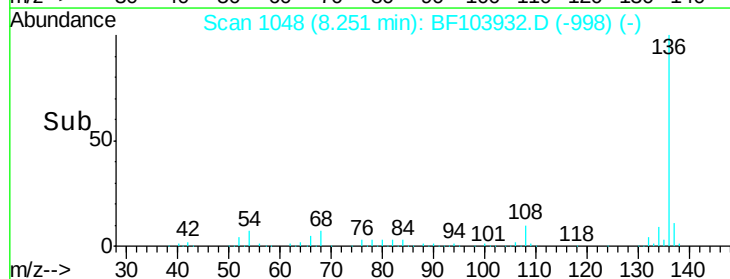
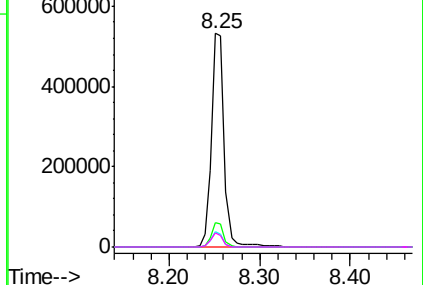


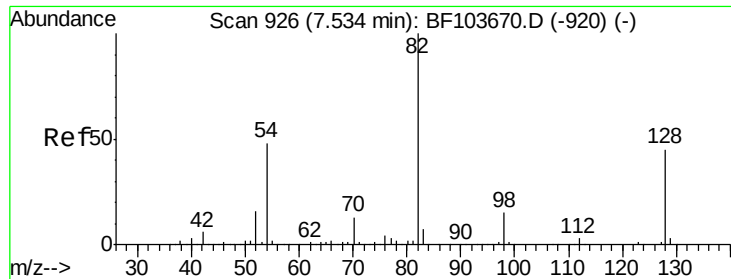
Abundance Ion 136.00 (135.70 to 136.70): E

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

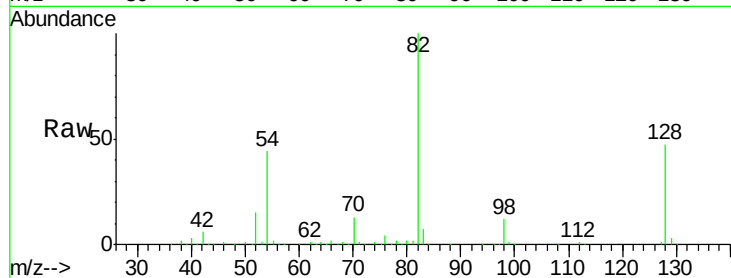




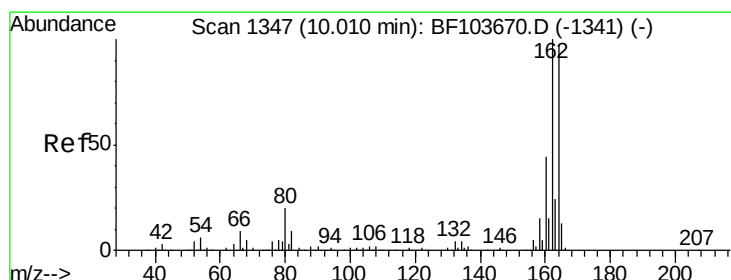
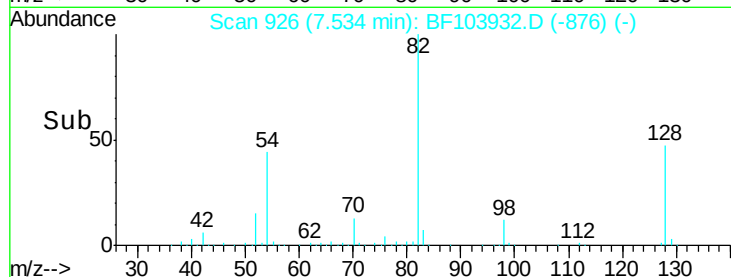
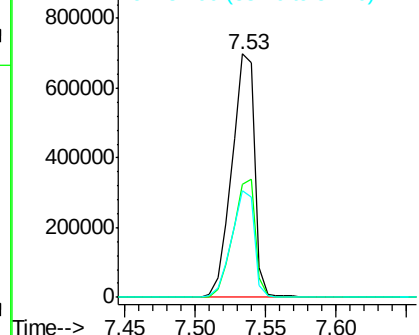
#23
Nitrobenzene-d5
Concen: 103.053 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103932.D
Acq: 26 Mar 2018 18:36

Instrument :
BNA_F
ClientSampleId :
PB107643BL

Tot Ion: 82 Resp: 784838
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 44.0 41.4 62.2

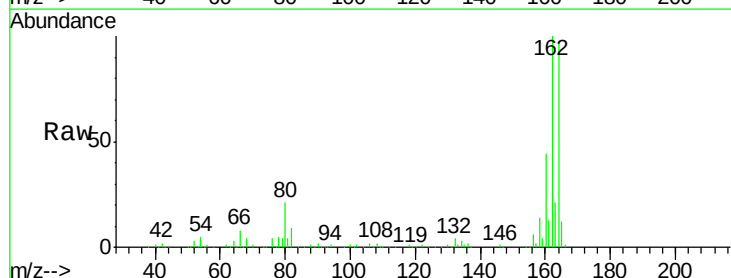


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

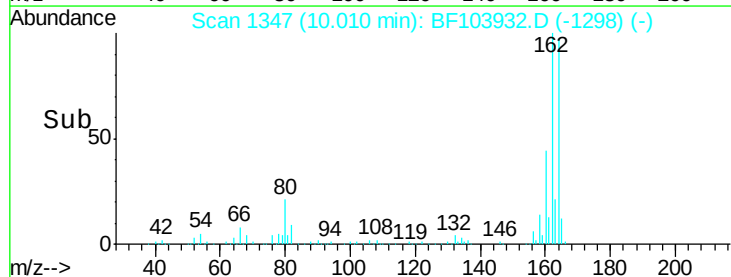
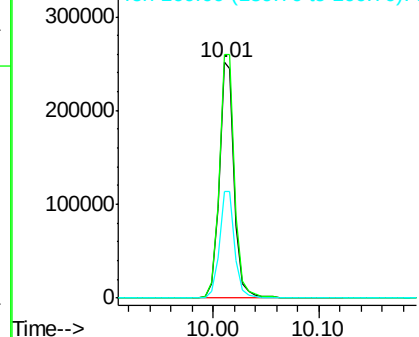


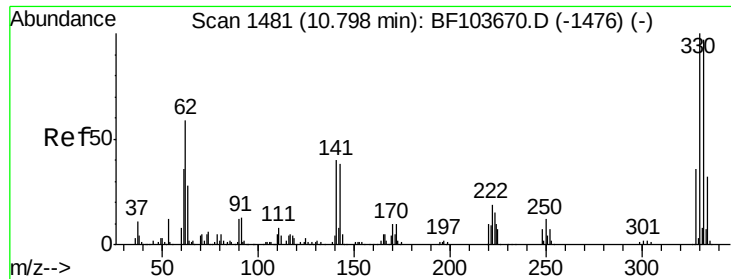
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103932.D
Acq: 26 Mar 2018 18:36

Tgt Ion:164 Resp: 254442
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.4 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

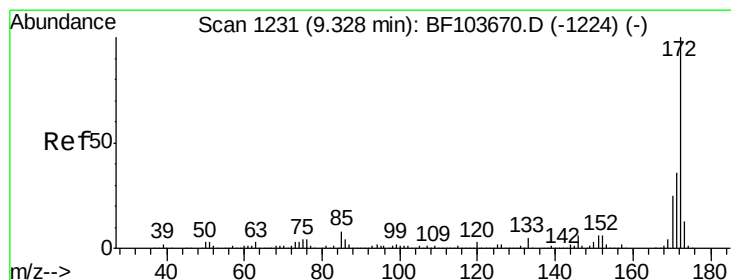
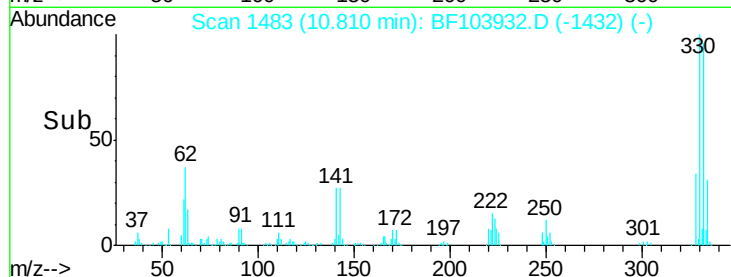
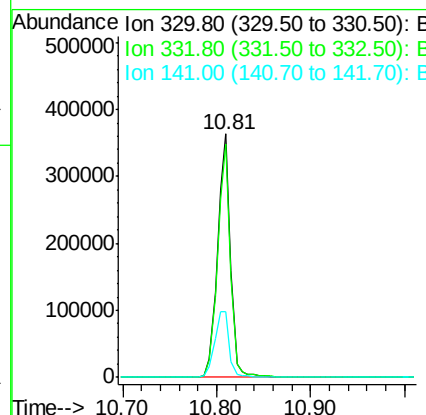
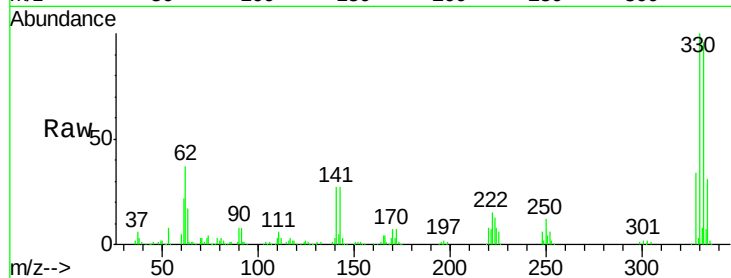




#41
 2,4,6-Tribromophenol
 Concen: 162.709 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103932.D
 Acq: 26 Mar 2018 18:36

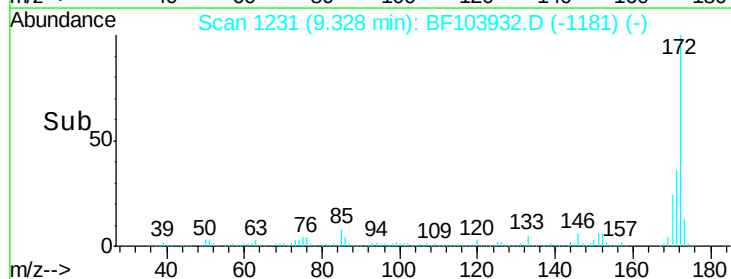
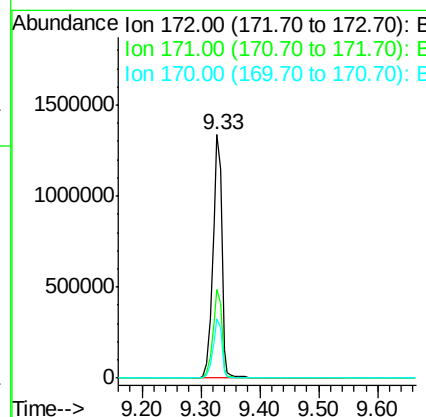
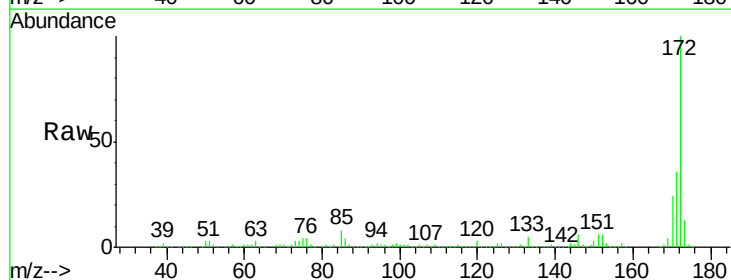
Instrument :
 BNA_F
 ClientSampleId :
 PB107643BL

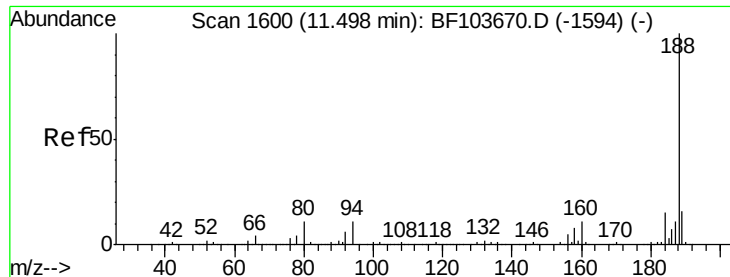
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.296 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103932.D
 Acq: 26 Mar 2018 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

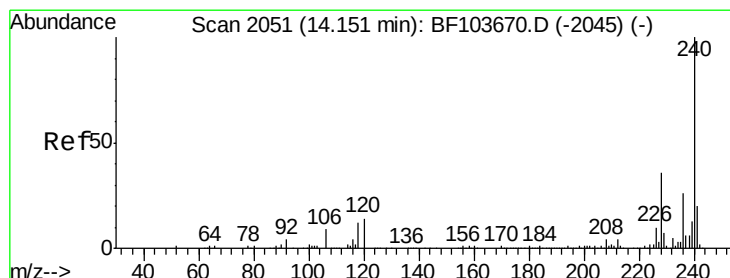
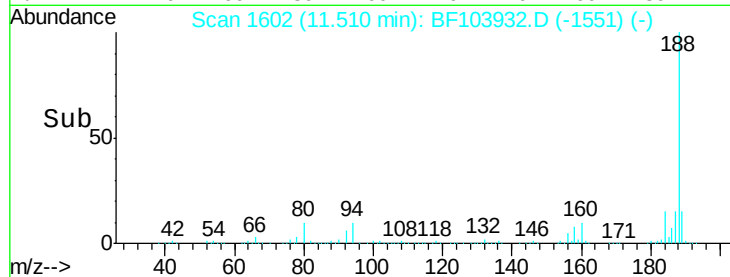
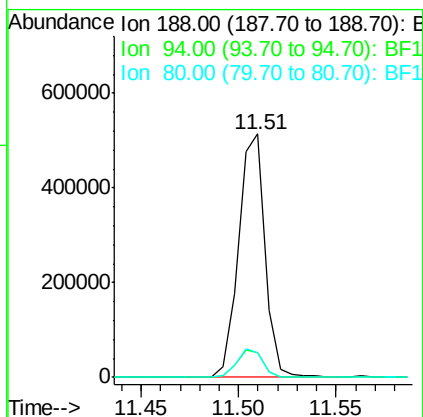
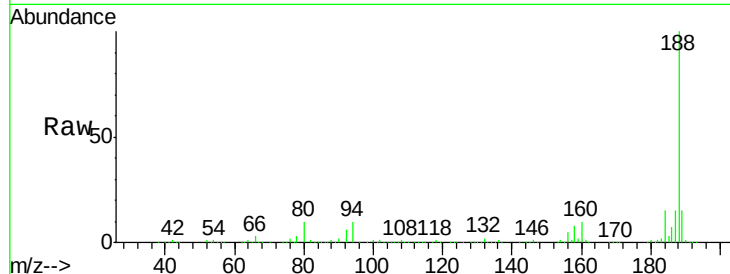




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103932.D
 Acq: 26 Mar 2018 18:36

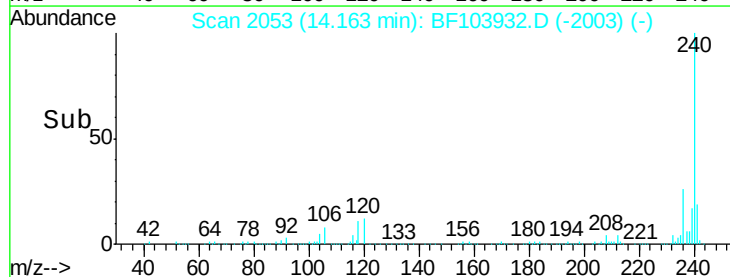
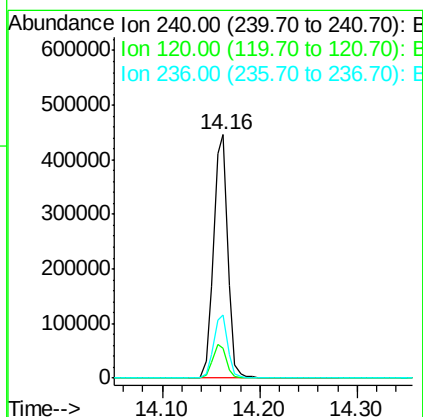
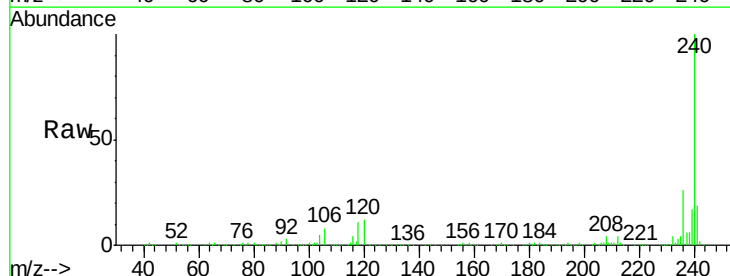
Instrument :
 BNA_F
 ClientSampleId :
 PB107643BL

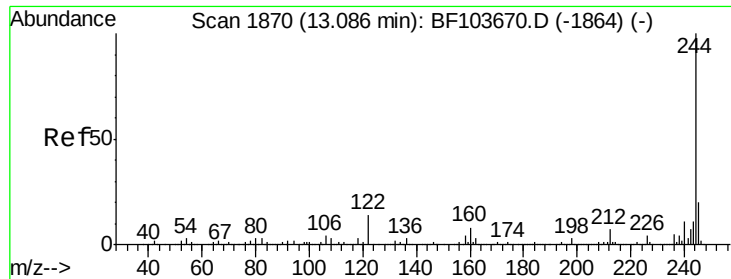
Tot Ion:188 Resp: 482196
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.2 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103932.D
 Acq: 26 Mar 2018 18:36

Tgt Ion:240 Resp: 449568
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 26.0 20.7 31.1

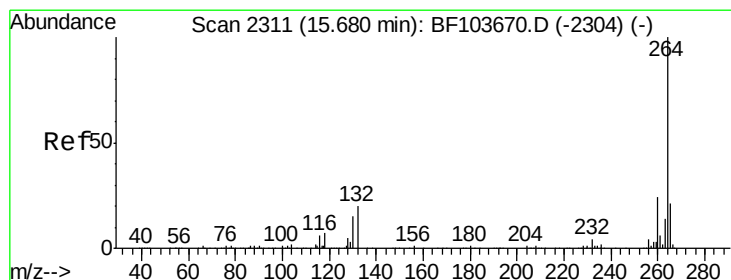
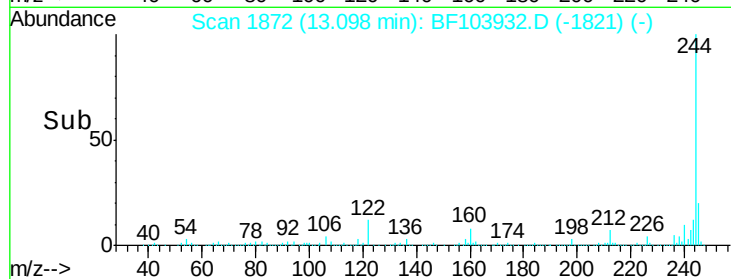
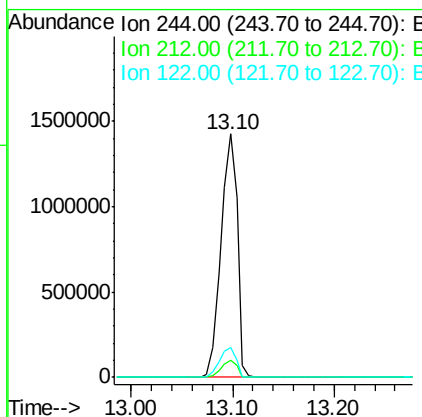
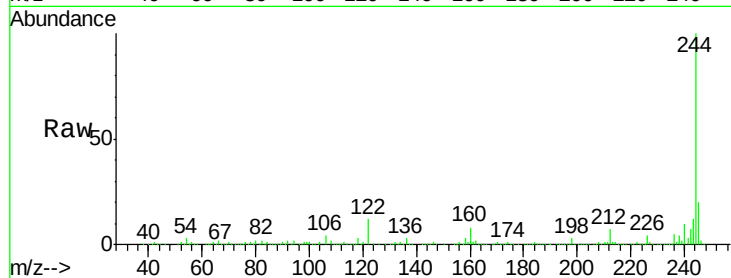




#78
 Terphenyl-d14
 Concen: 82.051 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103932.D
 Acq: 26 Mar 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BL

Tot Ion:244 Resp: 1589190
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103932.D
 Acq: 26 Mar 2018 18:36

Tgt Ion:264 Resp: 414810
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 17.5 26.3

