

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103701.D
 Acq On : 16 Mar 2018 17:32
 Operator : JU/SJ
 Sample : PB107409BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107409BL

Quant Time: Mar 16 23:10:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	168053	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	688881	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	330800	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	606299	20.00	ng	0.00
75) Chrysene-d12	14.14	240	541828	20.00	ng	0.00
86) Perylene-d12	15.67	264	489453	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1430758	129.49	ng	0.02
7) Phenol-d6	6.59	99	1753566	129.73	ng	0.00
23) Nitrobenzene-d5	7.53	82	1083201	109.65	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	363834	127.92	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1761813	84.96	ng	0.00
78) Terphenyl-d14	13.09	244	1817706	77.87	ng	0.00

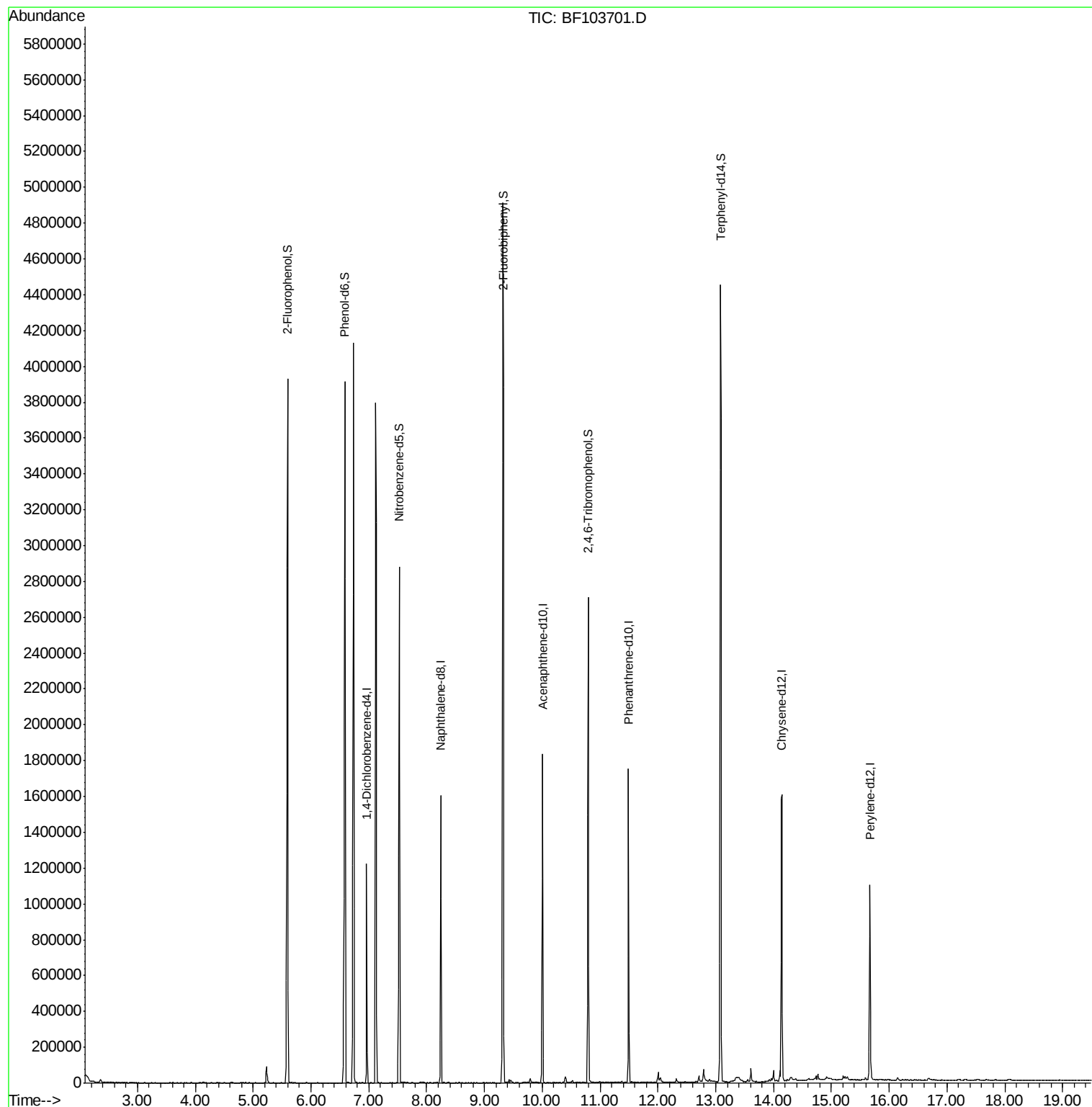
Target Compounds Qvalue

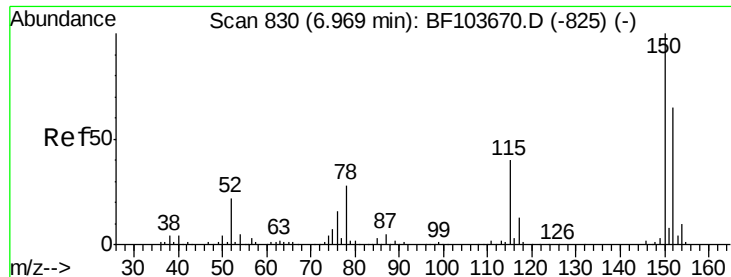
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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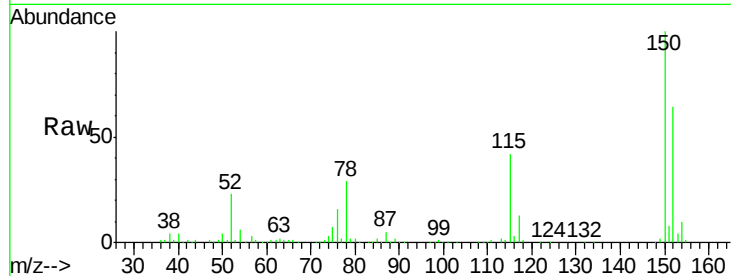


#1

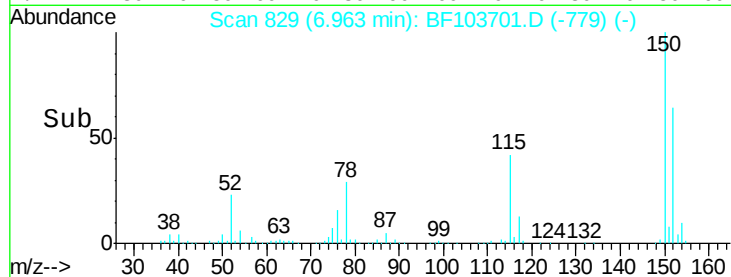
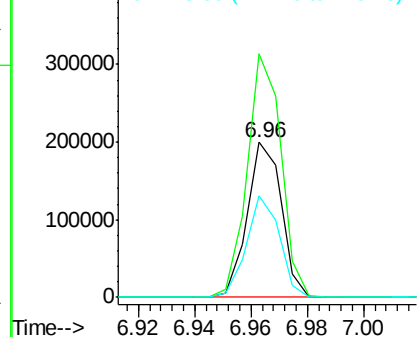
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Instrument :
BNA_F
ClientSampleId :
PB107409BL

Tot Ion:152 Resp: 168053
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 65.4 50.1 75.1



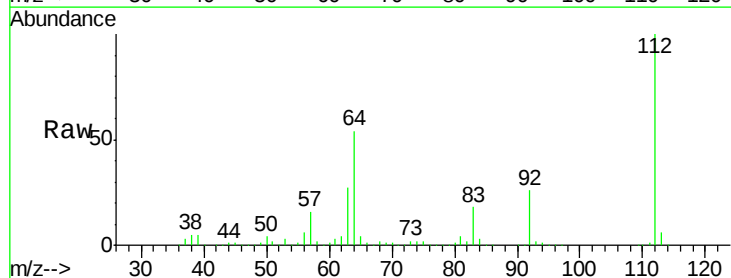
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



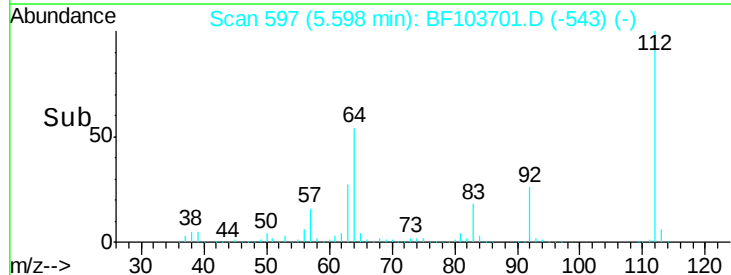
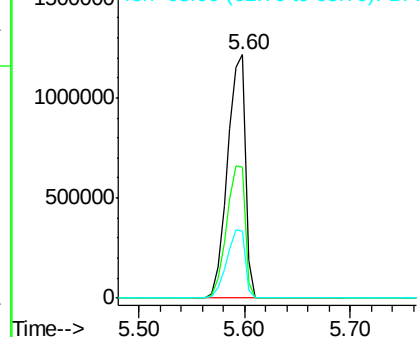
#5

2-Fluorophenol
Concen: 129.493 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Tgt Ion:112 Resp: 1430758
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.3 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: 129.725 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103701.D

Acq: 16 Mar 2018 17:32

Instrument :

BNA_F

ClientSampleId :

PB107409BL

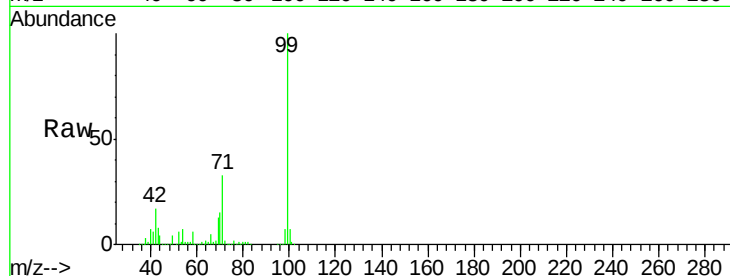
Tot Ion: 99 Resp: 1753566

Ion Ratio Lower Upper

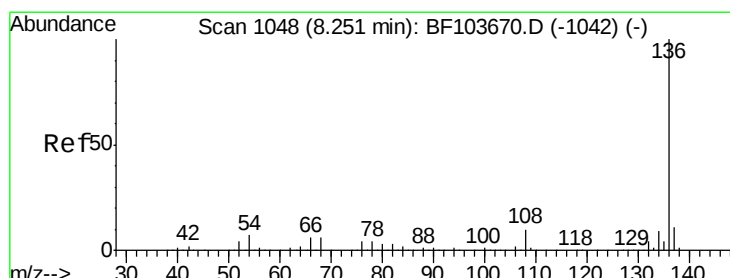
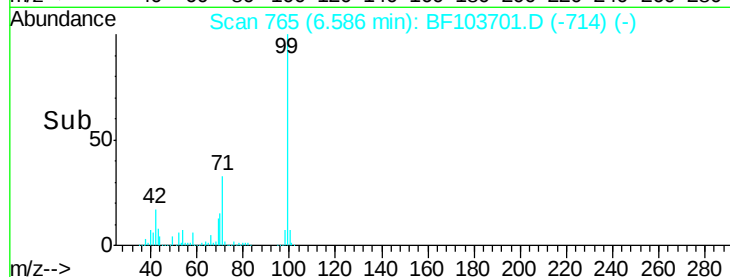
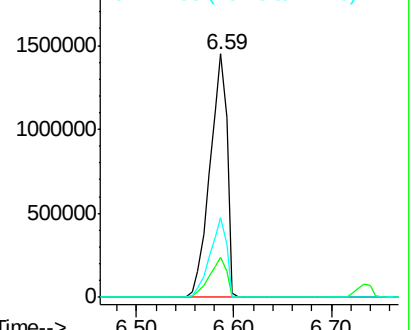
99 100

42 16.6 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: BF103701.D

Acq: 16 Mar 2018 17:32

Tgt Ion: 136 Resp: 688881

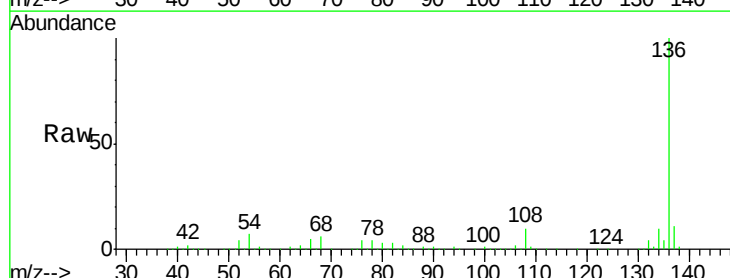
Ion Ratio Lower Upper

136 100

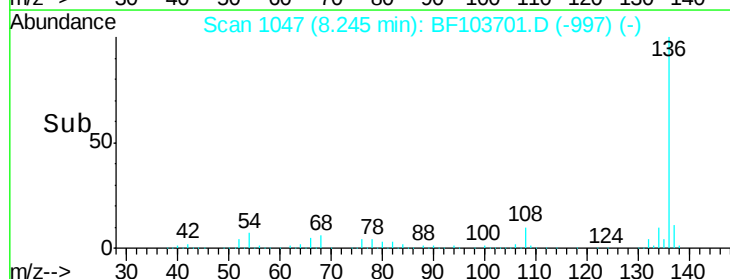
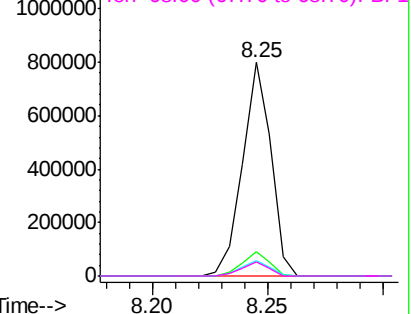
137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 6.4 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

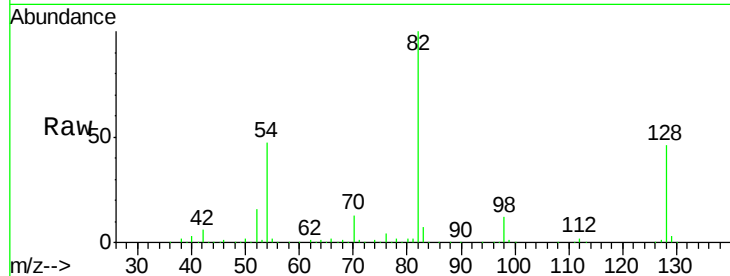




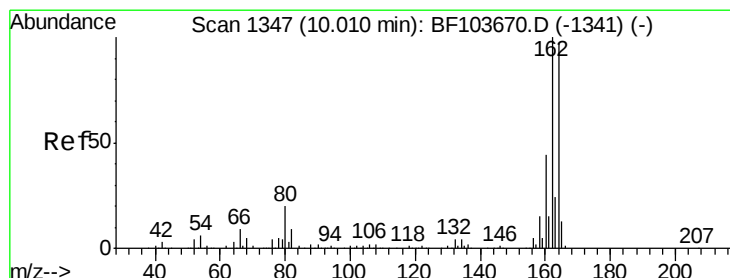
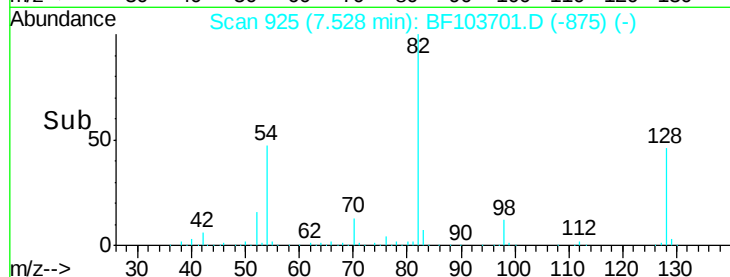
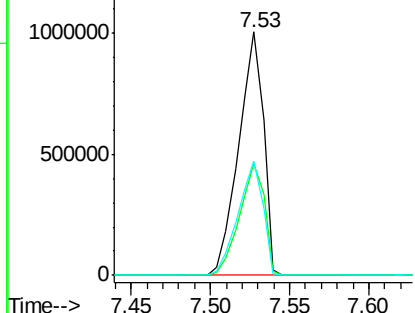
#23
 Nitrobenzene-d5
 Concen: 109.653 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB107409BL

Tot Ion: 82 Resp: 1083201
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 46.8 41.4 62.2

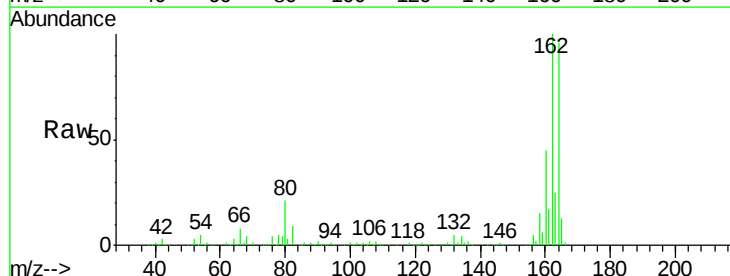


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

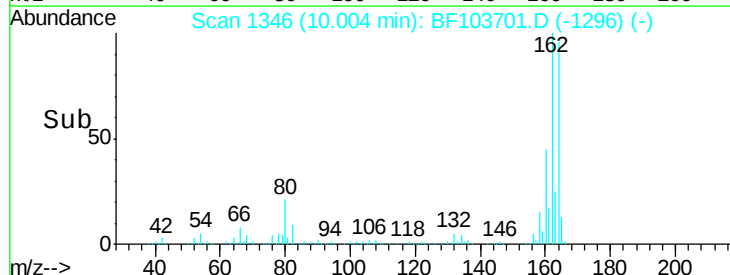
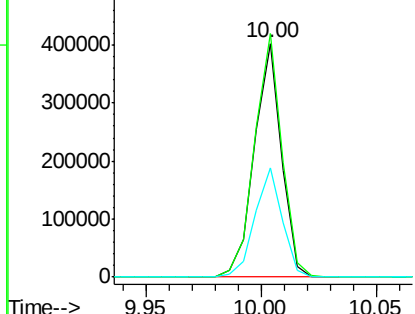


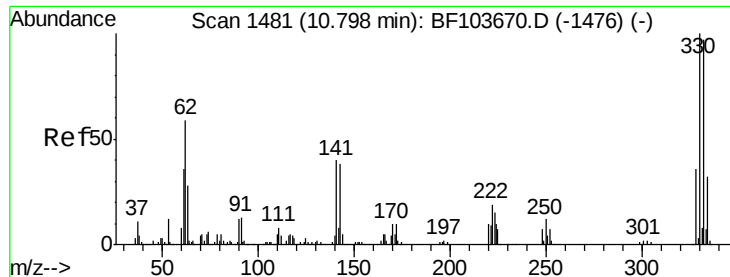
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Tgt Ion:164 Resp: 330800
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.8 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

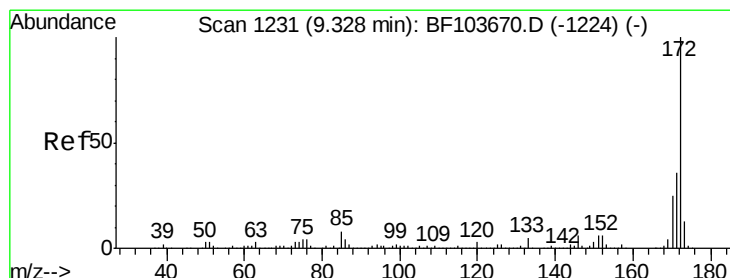
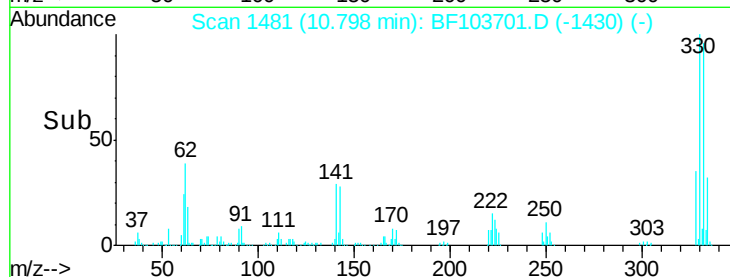
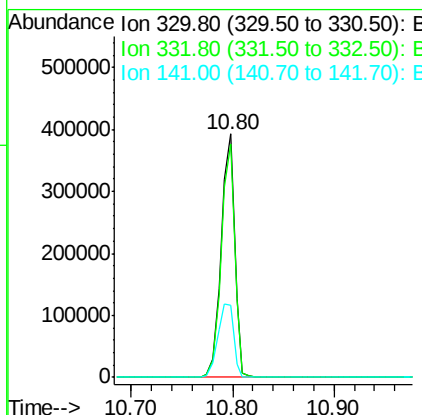
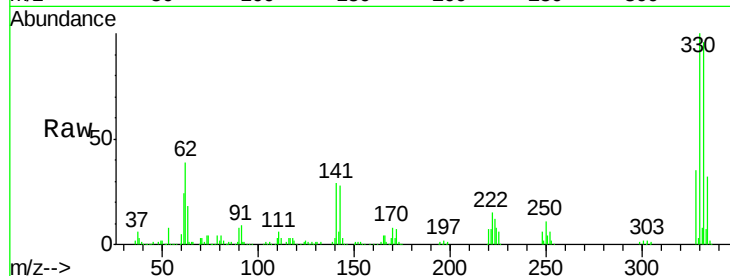




#41
 2,4,6-Tribromophenol
 Concen: 127.920 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

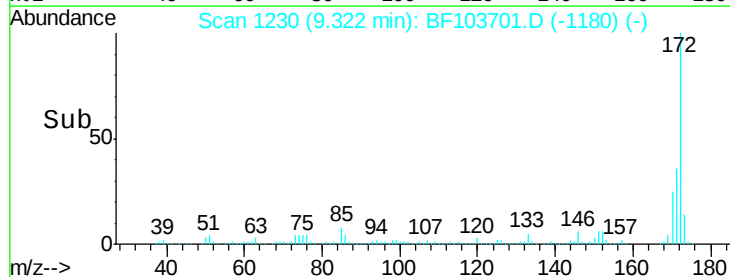
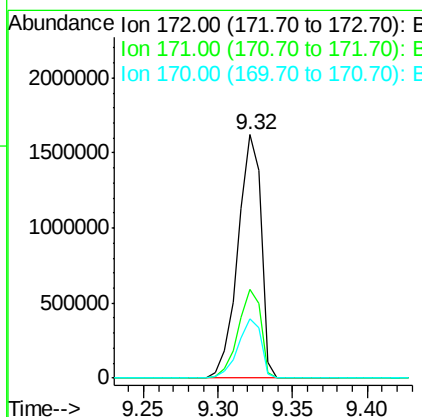
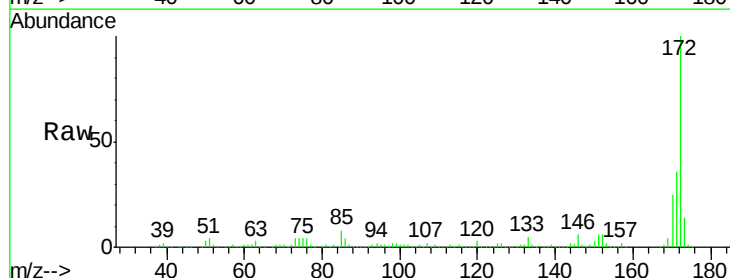
Instrument :
 BNA_F
 ClientSampleId :
 PB107409BL

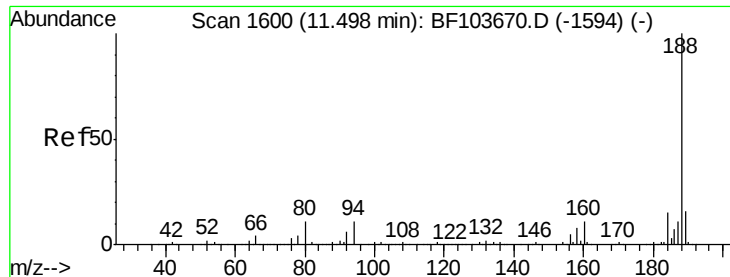
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.956 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4

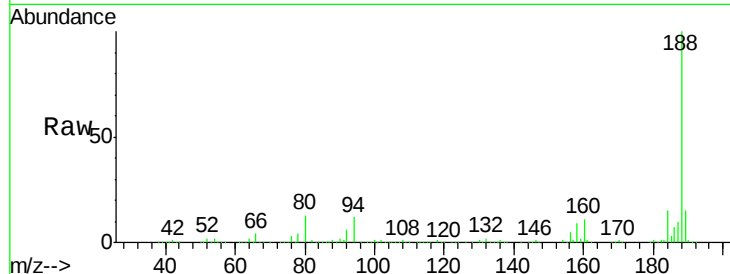




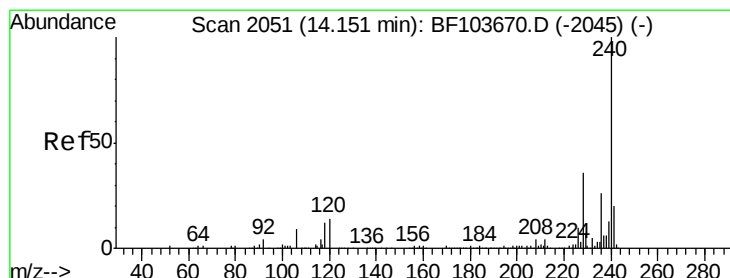
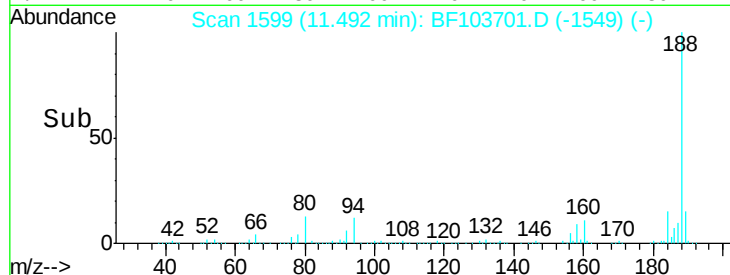
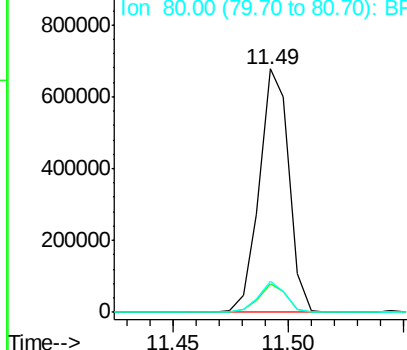
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Instrument :
BNA_F
ClientSampleId :
PB107409BL

Tot Ion:188 Resp: 606299
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.6 9.2 13.8

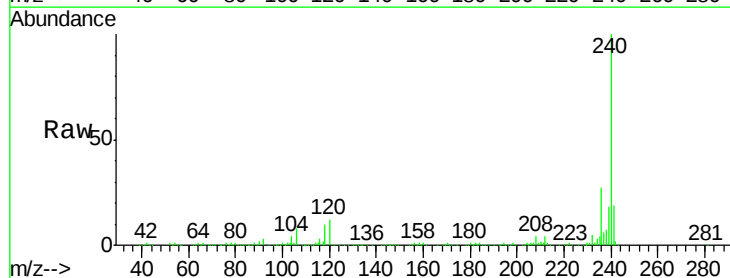


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

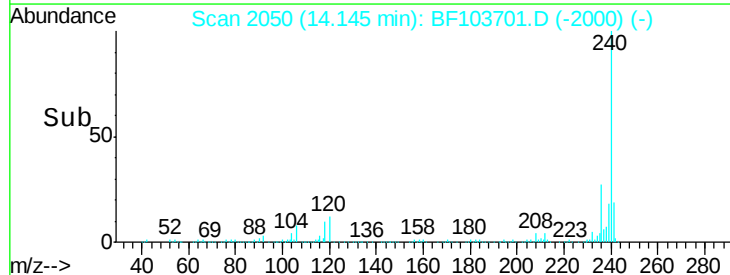
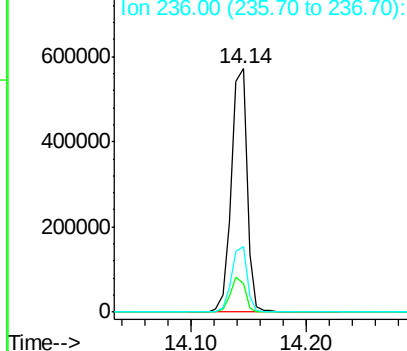


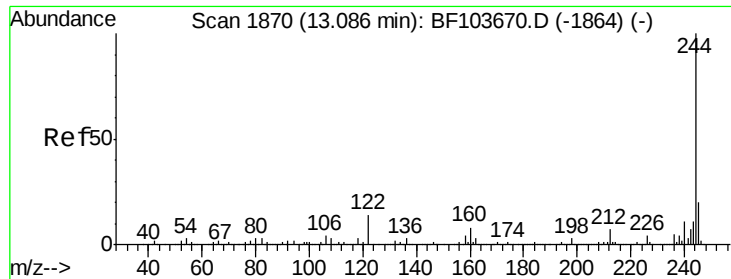
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Tgt Ion:240 Resp: 541828
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.8 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

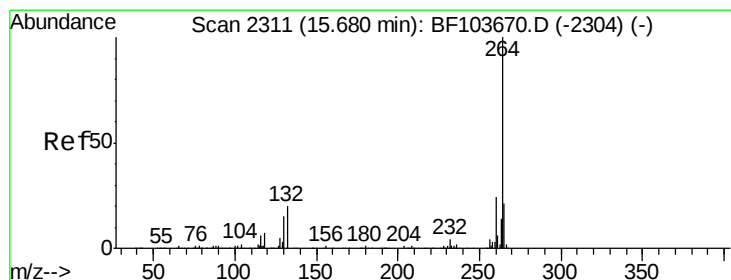
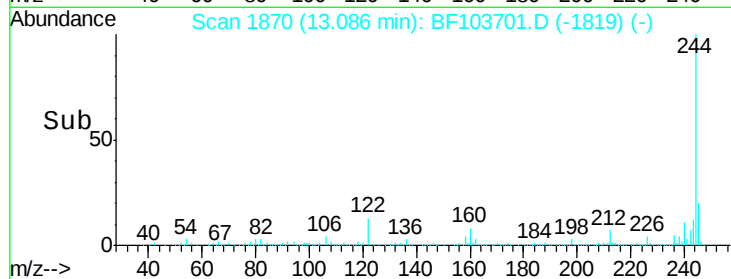
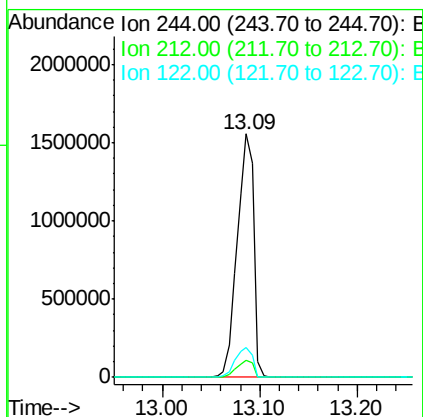
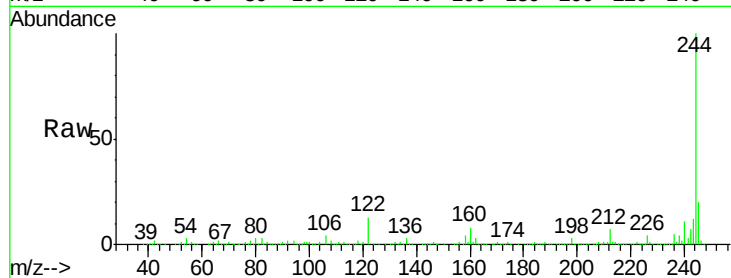




#78
 Terphenyl-d14
 Concen: 77.869 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB107409BL

Tot Ion:244 Resp: 1817706
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.5 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: BF103701.D
 Acq: 16 Mar 2018 17:32

Tgt Ion:264 Resp: 489453
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.6 17.5 26.3

