

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103801.D
 Acq On : 20 Mar 2018 14:53
 Operator : JU/SJ
 Sample : PB107480BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BL

Quant Time: Mar 20 18:03:01 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	6.97	152	139078	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	603247	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	273746	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	539113	20.00	ng	0.00
75) Chrysene-d12	14.16	240	460852	20.00	ng	0.00
86) Perylene-d12	15.69	264	423256	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1038477	113.57	ng	0.02
7) Phenol-d6	6.59	99	1158718	103.58	ng	0.00
23) Nitrobenzene-d5	7.53	82	710323	82.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	231961	98.55	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1280516	74.62	ng	0.00
78) Terphenyl-d14	13.10	244	1372404	69.12	ng	0.01

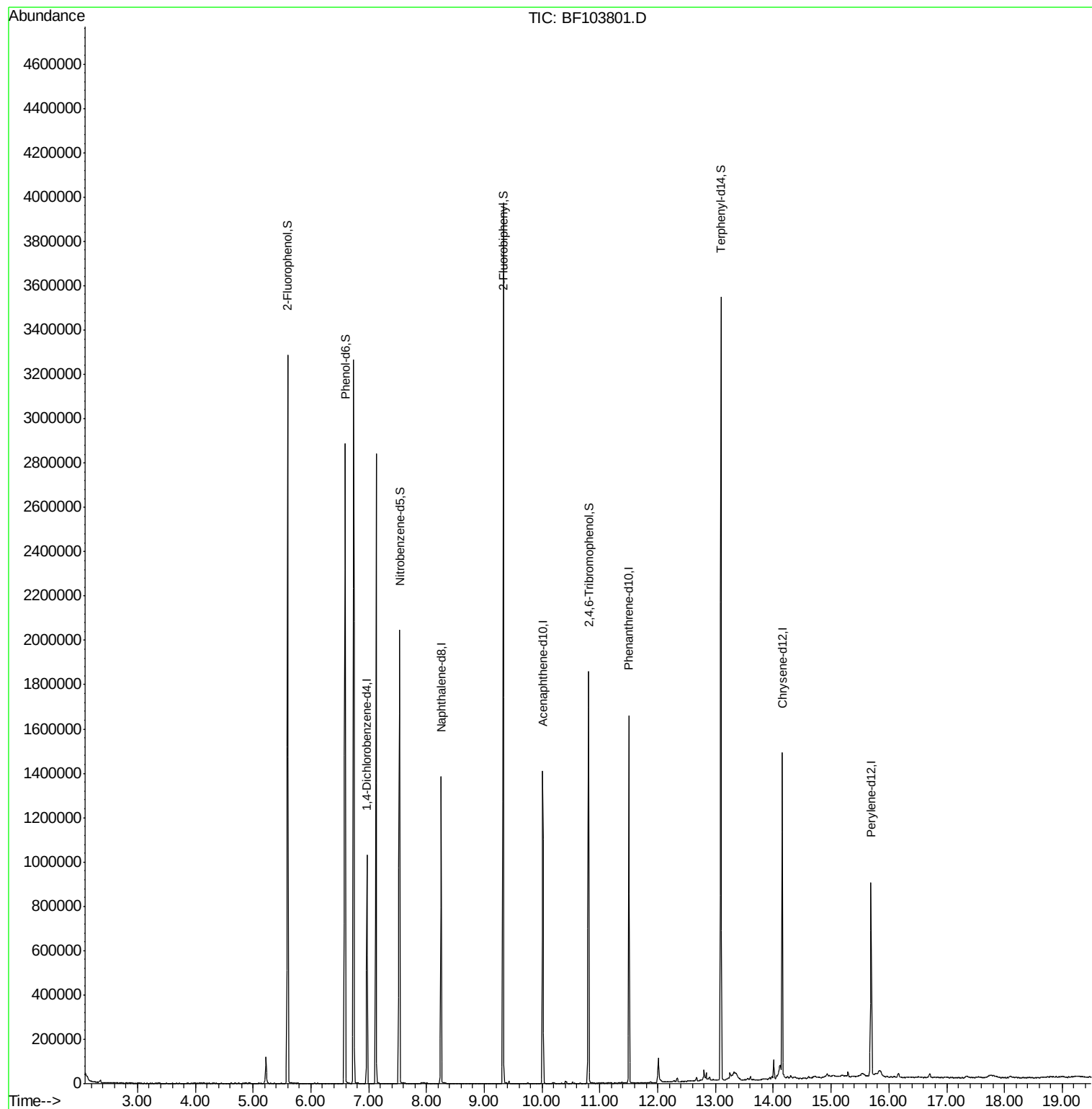
Target Compounds Qvalue

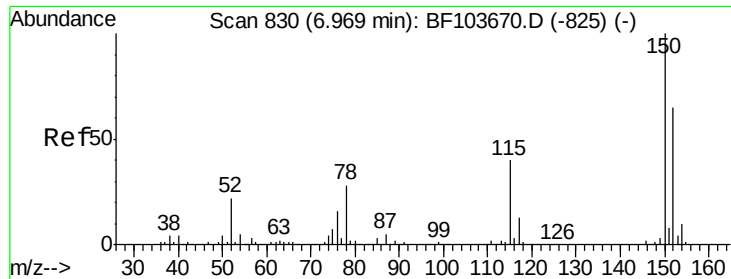
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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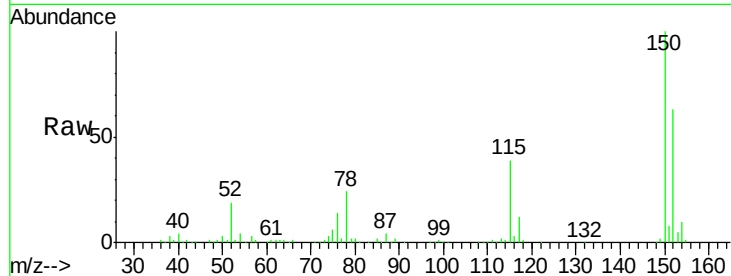


#1

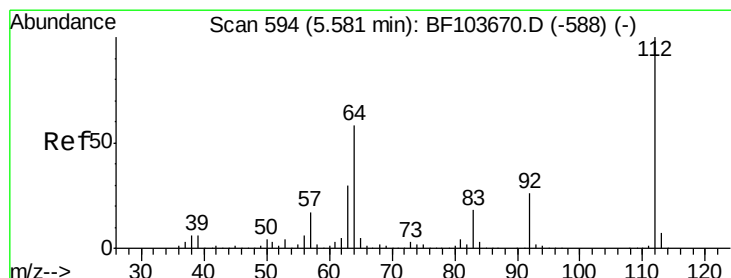
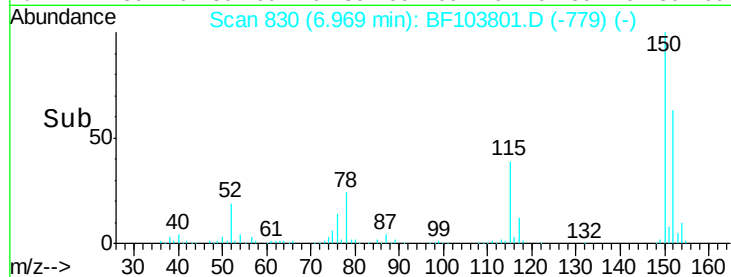
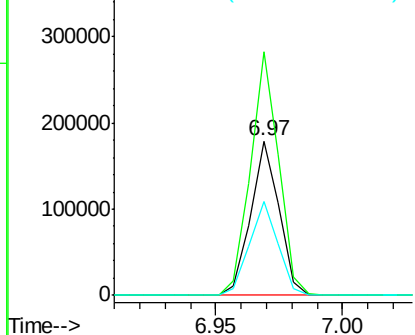
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB107480BL

Tot Ion:152 Resp: 139078
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.1 50.1 75.1



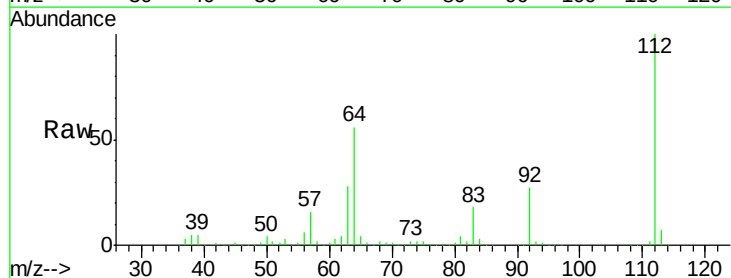
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



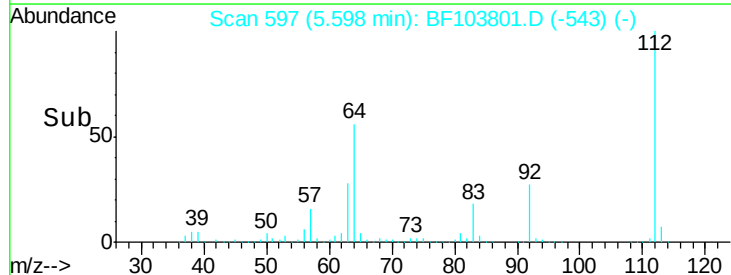
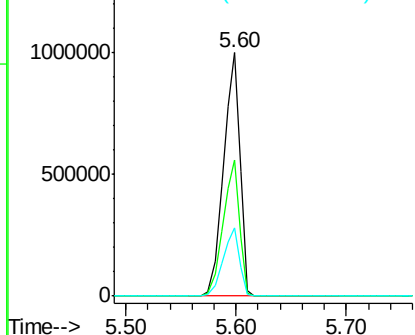
#5

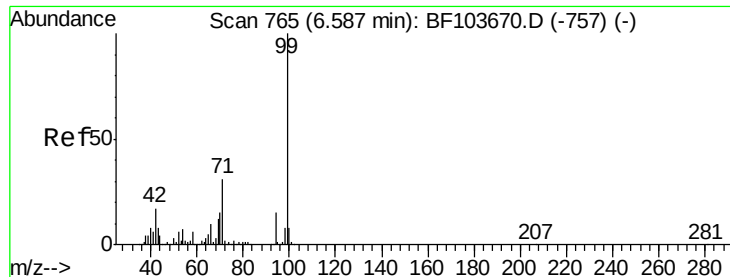
2-Fluorophenol
Concen: 113.571 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

Tgt Ion:112 Resp: 1038477
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.1 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: 103.578 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103801.D

Acq: 20 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB107480BL

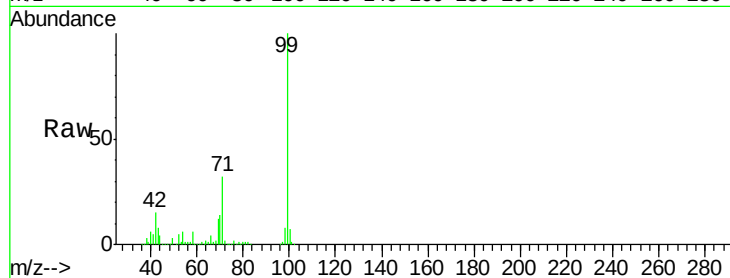
Tot Ion: 99 Resp: 1158718

Ion Ratio Lower Upper

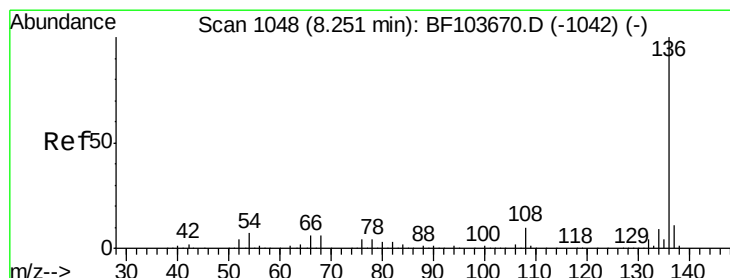
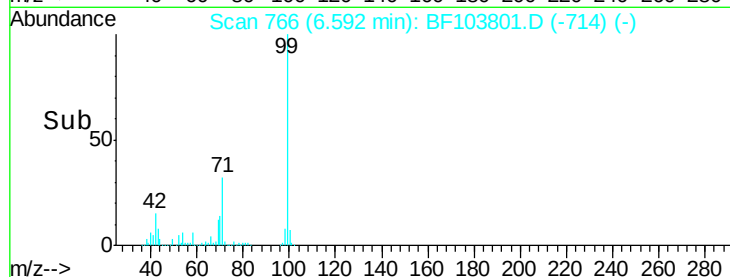
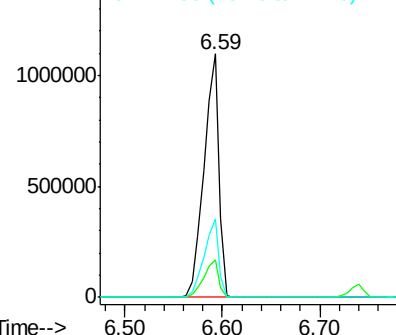
99 100

42 15.4 14.5 21.7

71 32.2 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. -0.00 min

Lab File: BF103801.D

Acq: 20 Mar 2018 14:53

Tgt Ion: 136 Resp: 603247

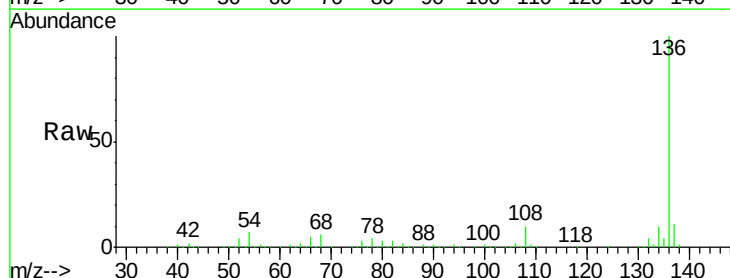
Ion Ratio Lower Upper

136 100

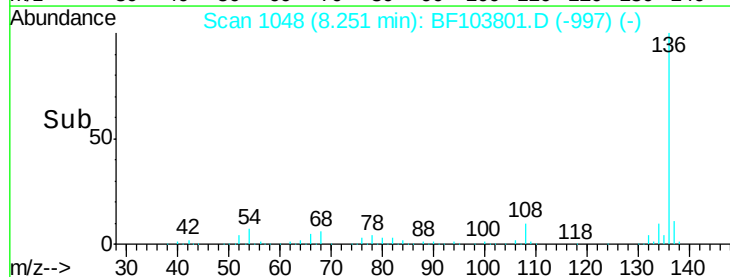
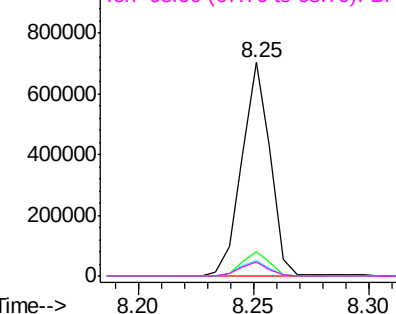
137 11.1 8.9 13.3

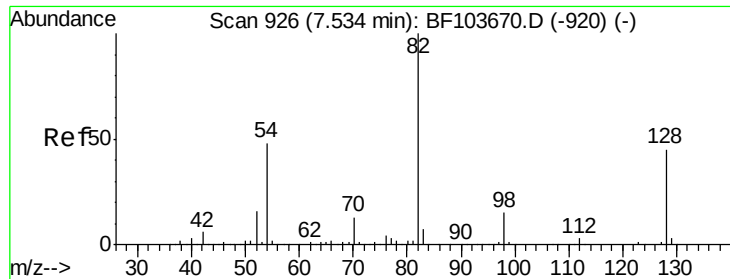
54 7.4 6.6 9.8

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

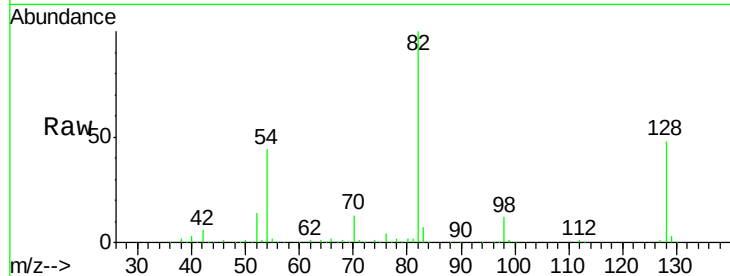




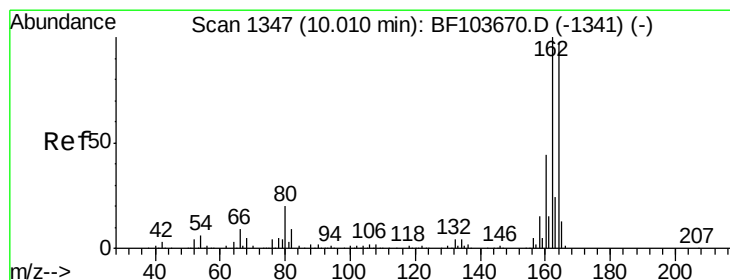
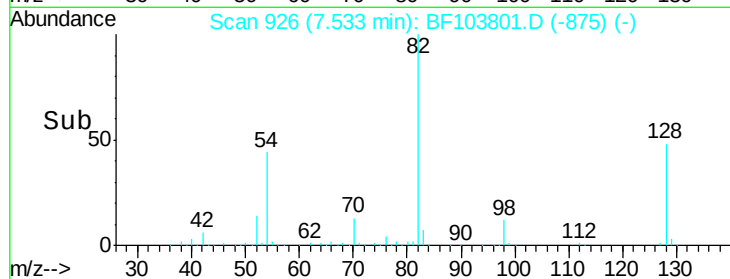
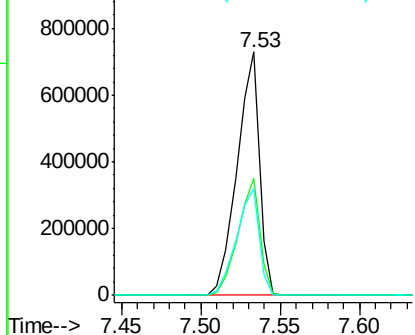
#23
Nitrobenzene-d5
Concen: 82.114 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB107480BL

Tot Ion	82	Resp	710323
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	48.1		
54	43.7		
	41.4		
	62.2		

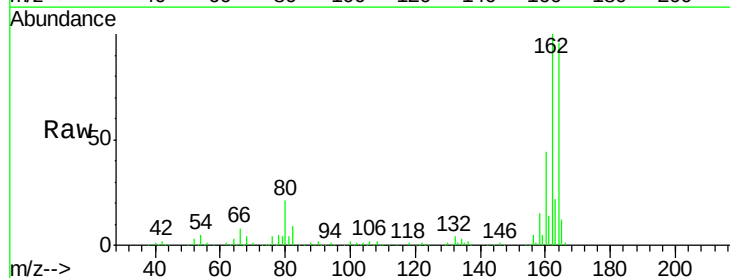


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

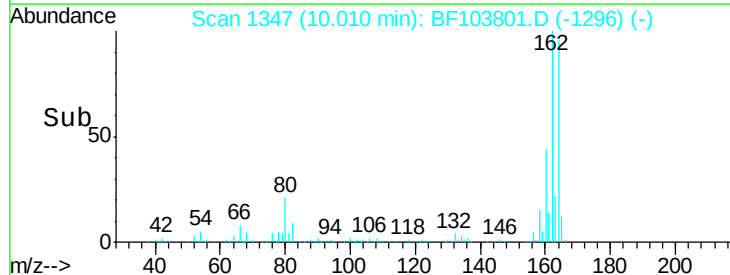
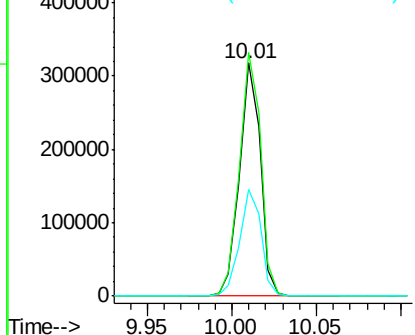


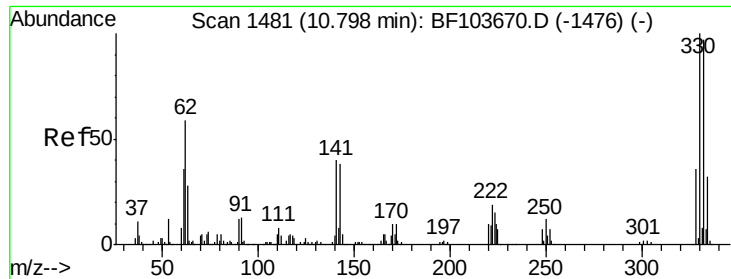
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

Tgt Ion	164	Resp	273746
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	104.6		
160	45.7		
	38.3		
	57.5		



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

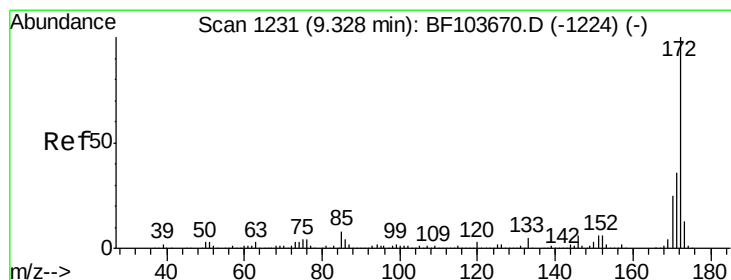
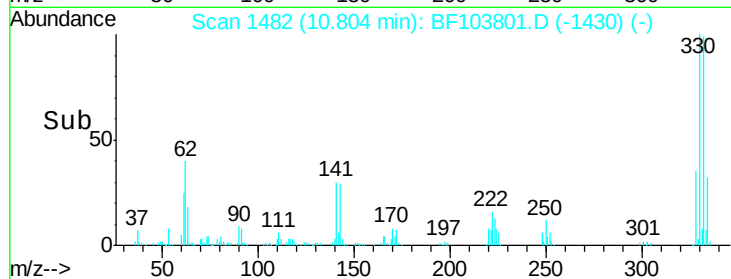
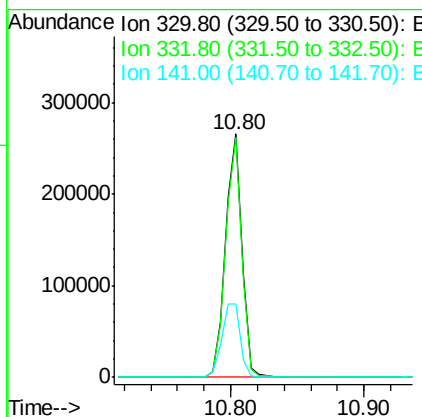
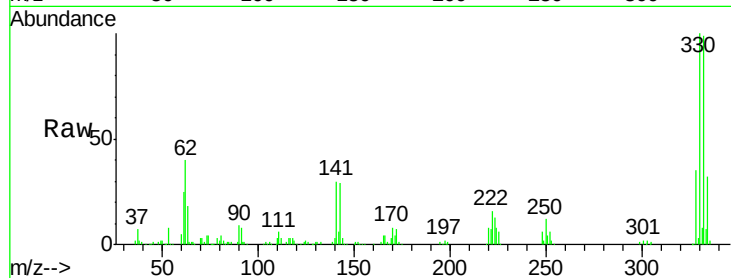




#41
2,4,6-Tribromophenol
Concen: 98.552 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

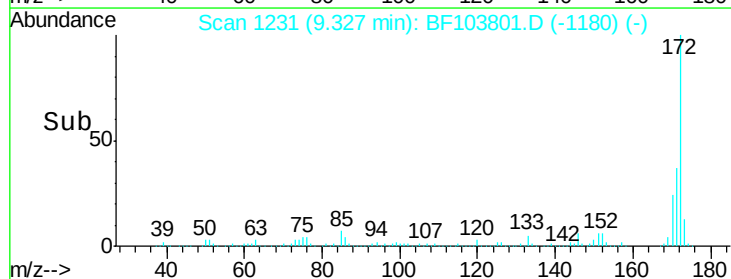
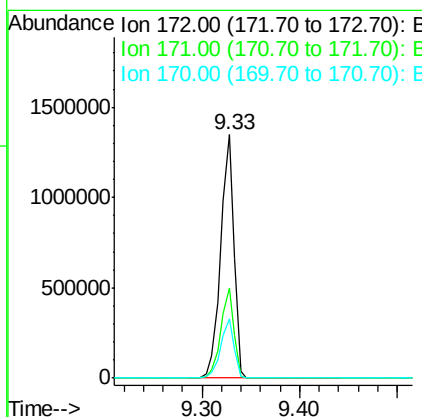
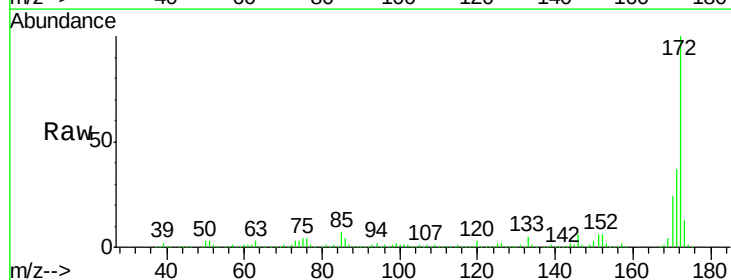
Instrument :
BNA_F
ClientSampleId :
PB107480BL

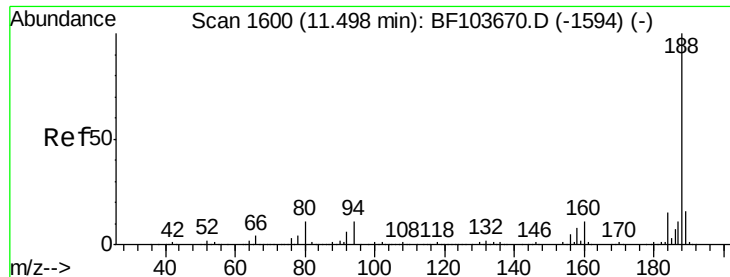
Tot Ion:330 Resp: 231961
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 34.3 29.9 44.9



#44
2-Fluorobiphenyl
Concen: 74.617 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

Tgt Ion:172 Resp: 1280516
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.2 19.6 29.4

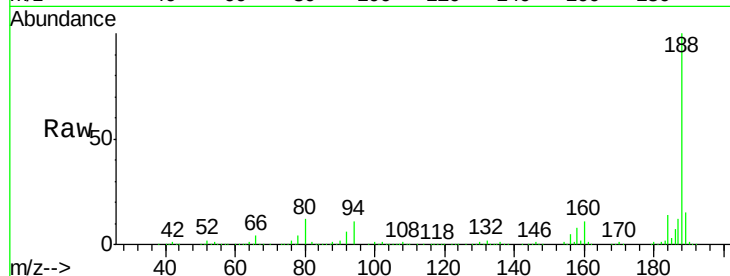




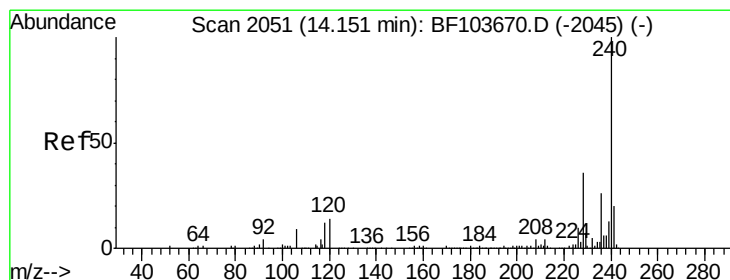
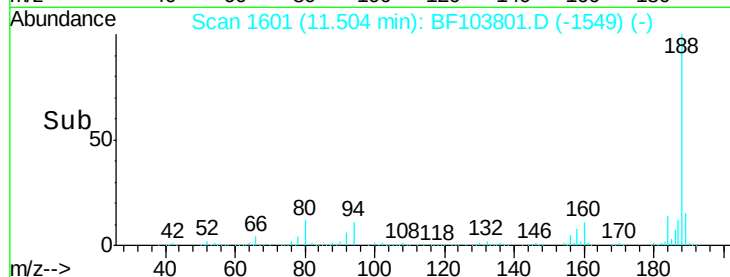
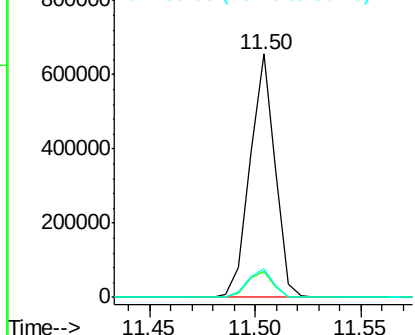
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
PB107480BL

Tot Ion:188 Resp: 539113
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.9 9.2 13.8

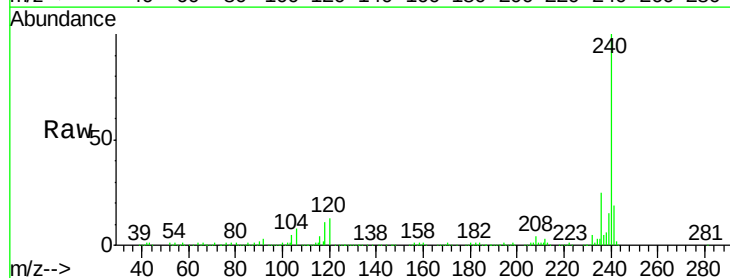


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

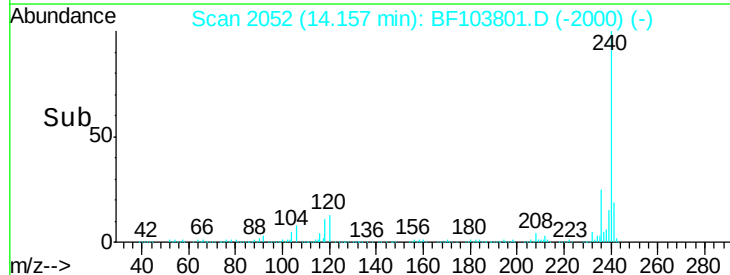
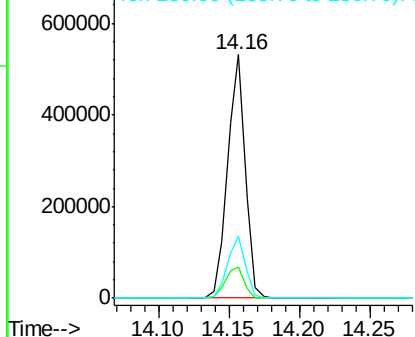


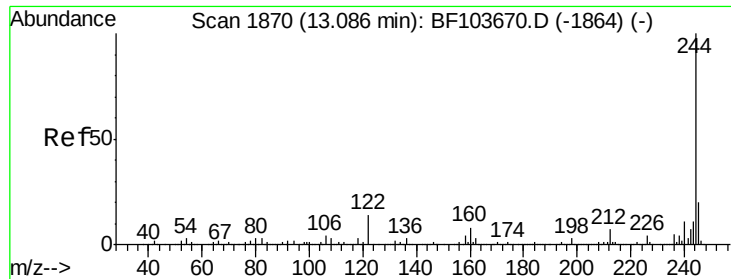
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103801.D
Acq: 20 Mar 2018 14:53

Tgt Ion:240 Resp: 460852
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.2 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: 69.123 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103801.D

Acq: 20 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

PB107480BL

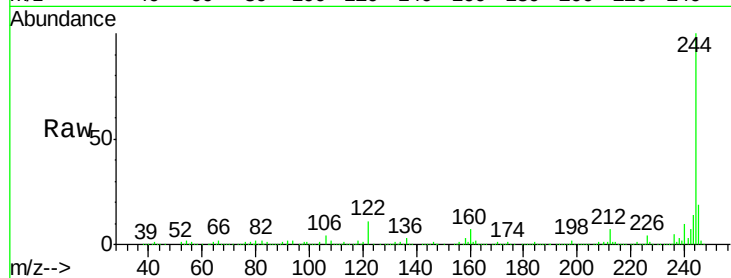
Tot Ion:244 Resp: 1372404

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

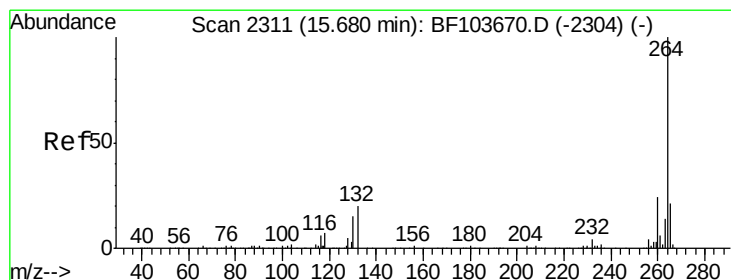
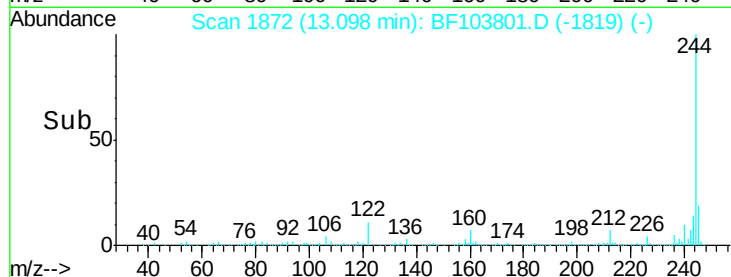
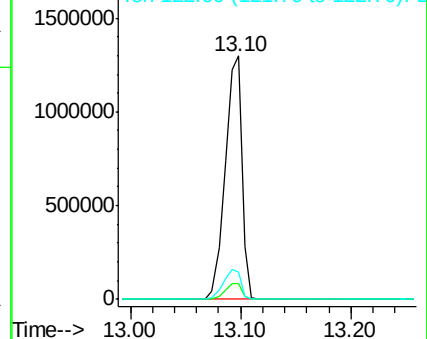
122 11.4 11.0 16.4



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# 2313

Delta R.T. 0.01 min

Lab File: BF103801.D

Acq: 20 Mar 2018 14:53

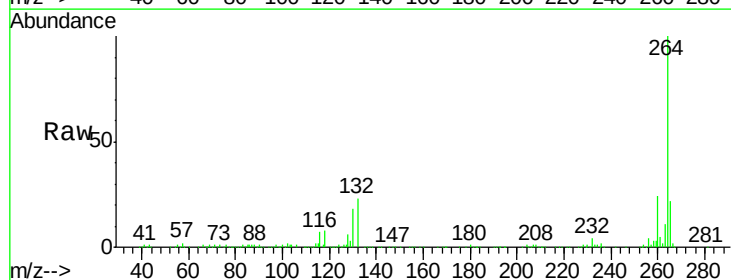
Tgt Ion:264 Resp: 423256

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 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

