

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104689.D
 Acq On : 20 Apr 2018 21:54
 Operator : JU/SJ
 Sample : PB108449BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BL

Quant Time: Apr 21 04:50:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108202	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	434722	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	180962	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	295396	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219036	20.00	ng	0.00
86) Perylene-d12	15.44	264	172190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	559125	79.01	ng	0.00
7) Phenol-d6	6.44	99	672821	77.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	574425	86.28	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	139611	74.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1031223	90.02	ng	0.00
78) Terphenyl-d14	12.92	244	872679	90.83	ng	0.00

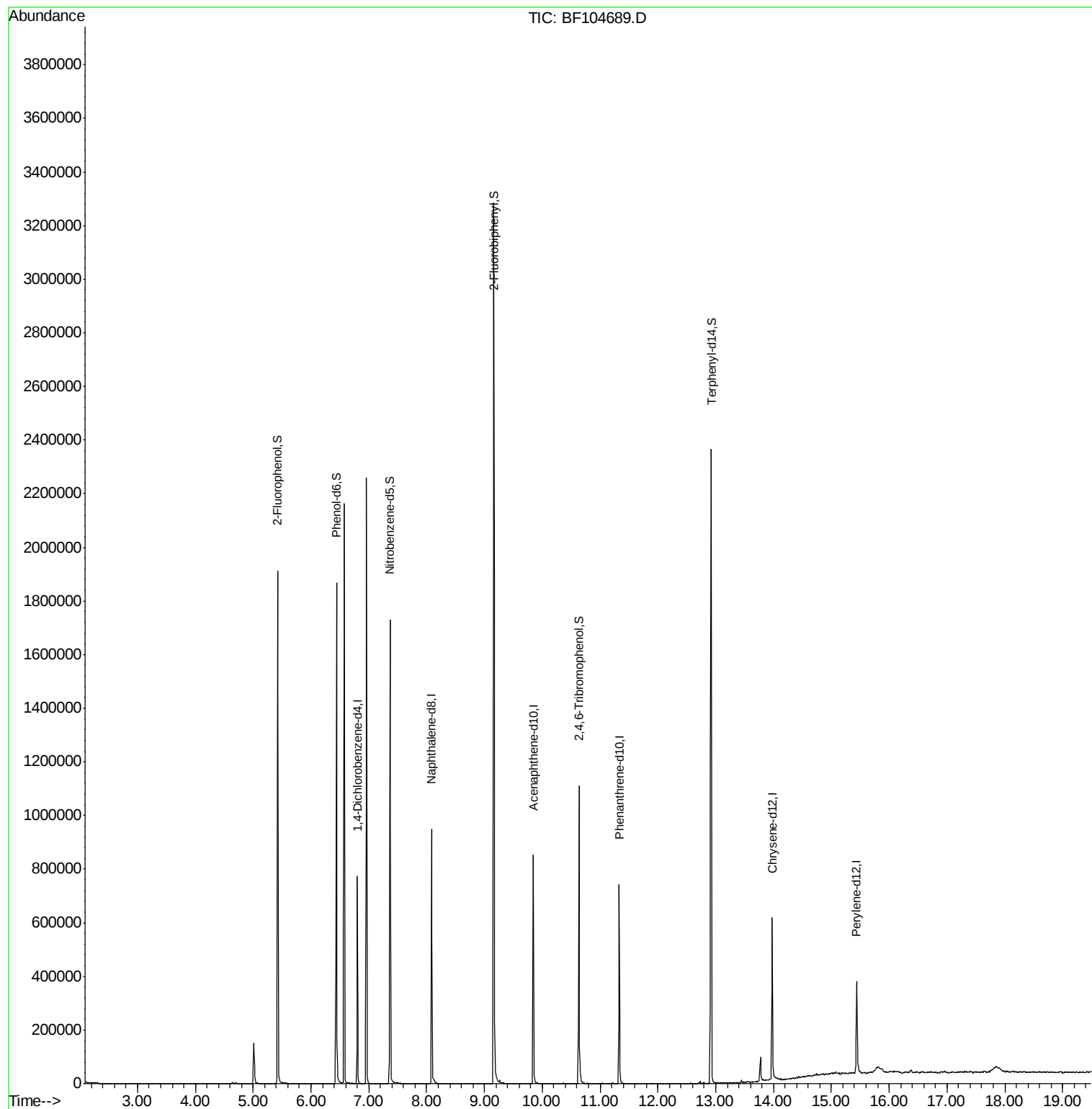
Target Compounds Qvalue

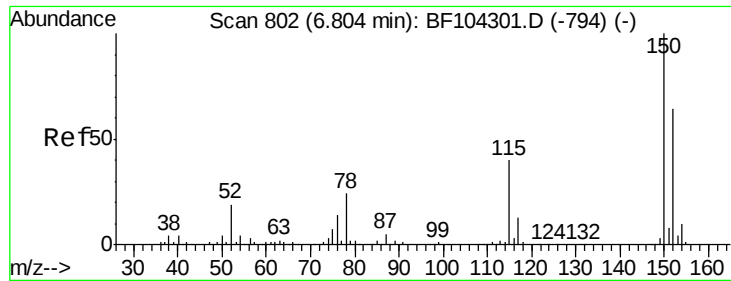
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104689.D
Acq On : 20 Apr 2018 21:54
Operator : JU/SJ
Sample : PB108449BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108449BL

Quant Time: Apr 21 04:50:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration



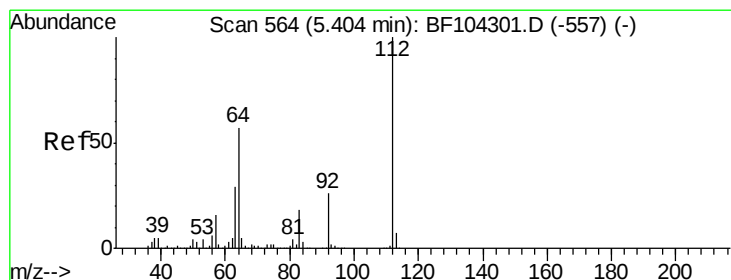
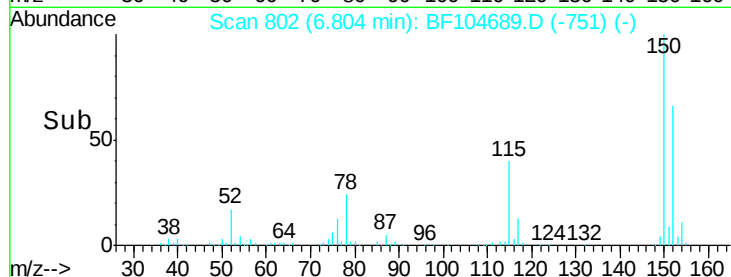
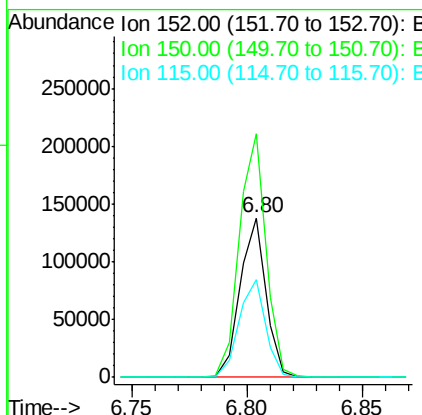
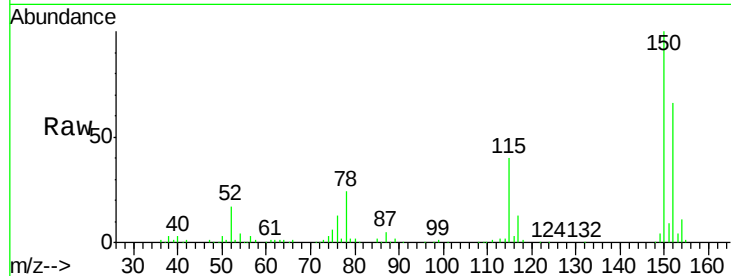


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Instrument :
BNA_F
ClientSampled :
PB108449BL

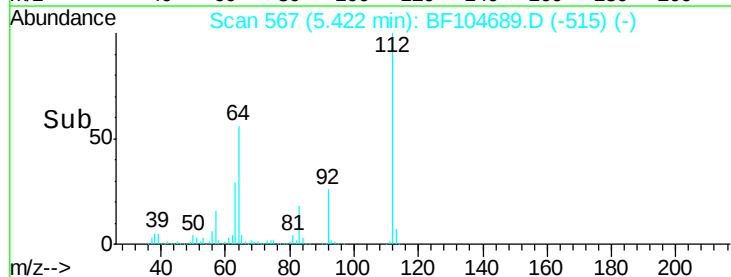
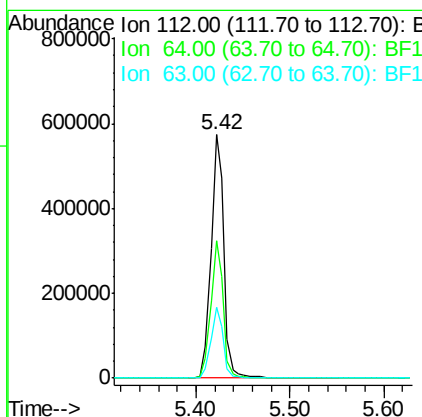
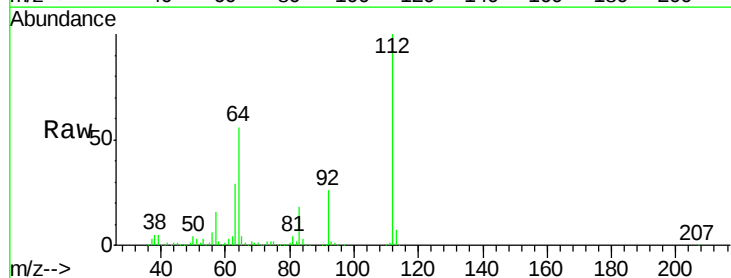
Tot Ion:152 Resp: 108202
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 61.2 50.1 75.1

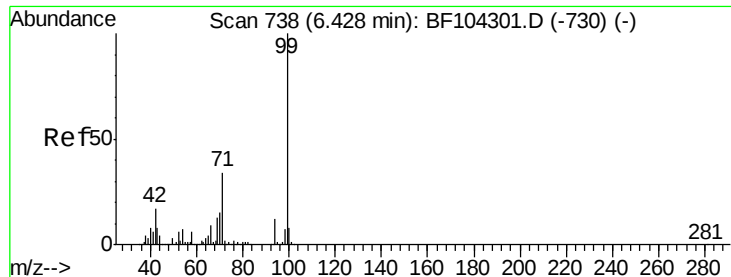


#5

2-Fluorophenol
Concen: 79.013 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Tgt Ion:112 Resp: 559125
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 77.384 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104689.D

Acq: 20 Apr 2018 21:54

Instrument :

BNA_F

ClientSampleId :

PB108449BL

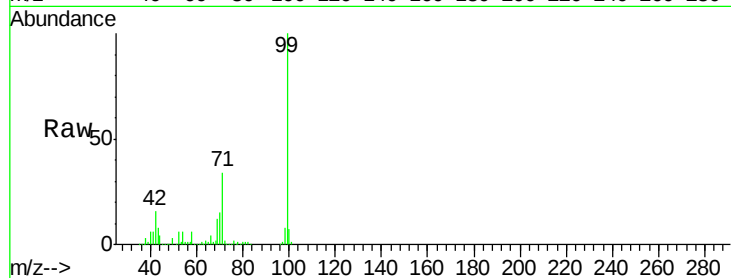
Tot Ion: 99 Resp: 672821

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

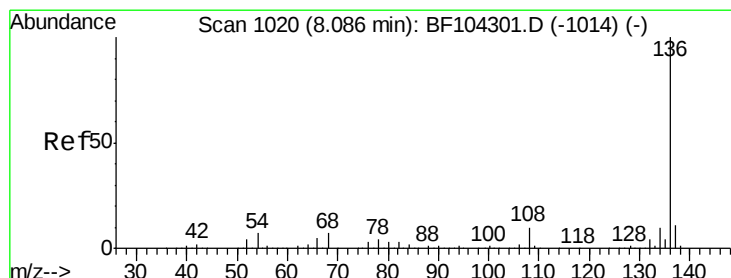
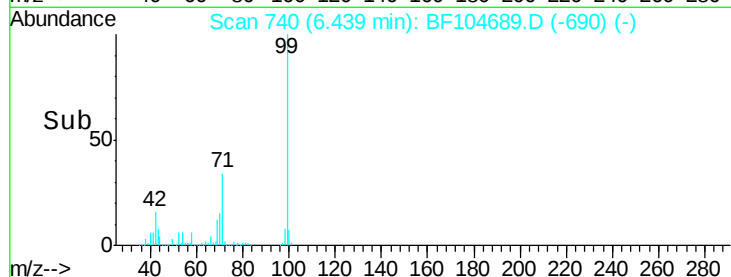
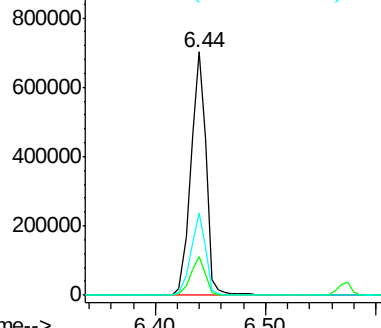
71 33.7 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104689.D

Acq: 20 Apr 2018 21:54

Tgt Ion: 136 Resp: 434722

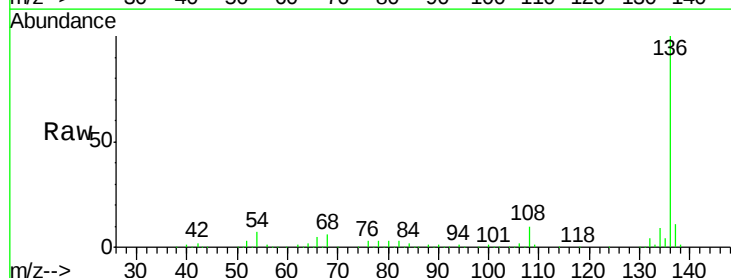
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.5 6.6 9.8#

68 5.8 5.0 7.4

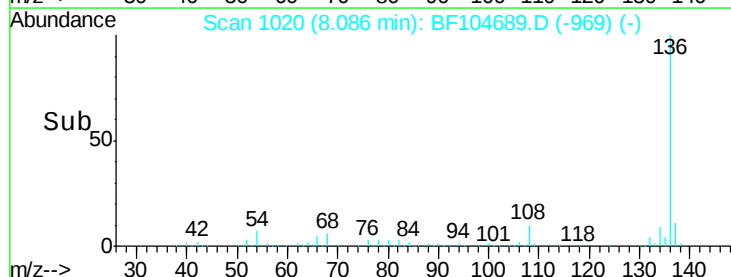
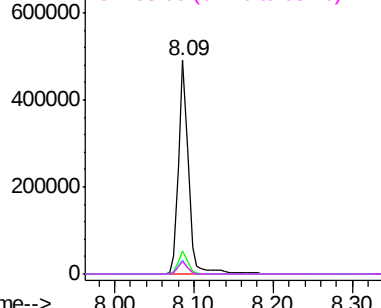


Abundance Ion 136.00 (135.70 to 136.70): E

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

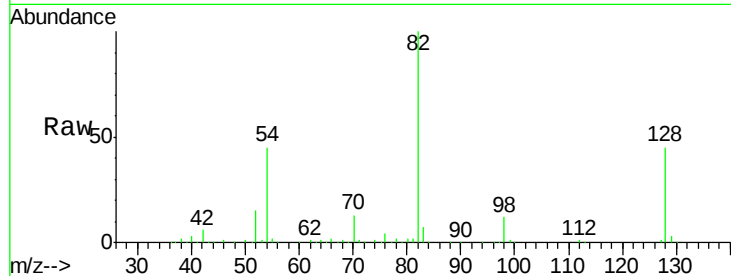




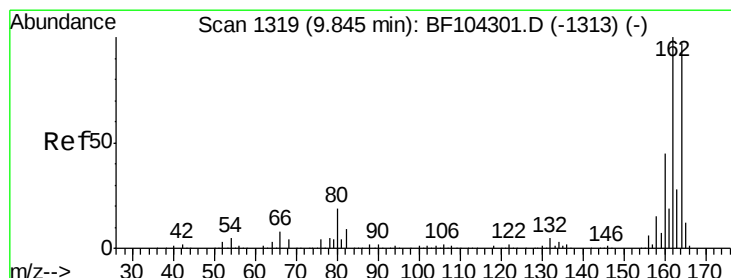
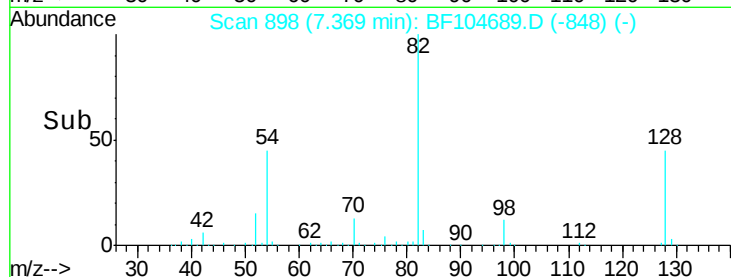
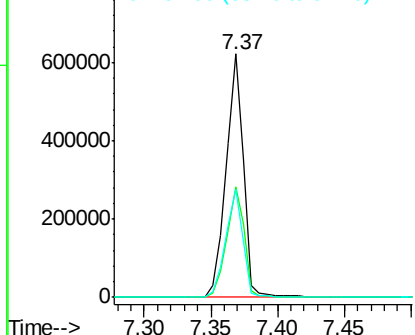
#23
 Nitrobenzene-d5
 Concen: 86.282 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BL

Tot Ion	82	Resp	574425
Ion Ratio	100	Lower	Upper
128	45.3	36.1	54.1
54	44.5	41.4	62.2

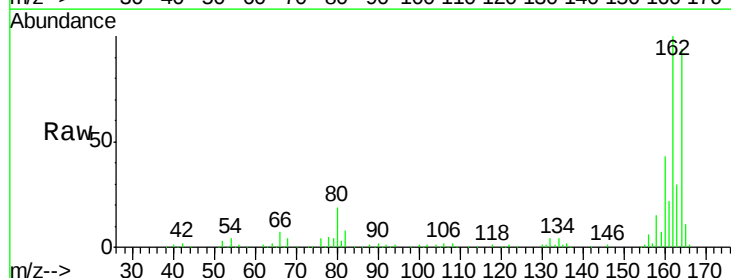


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

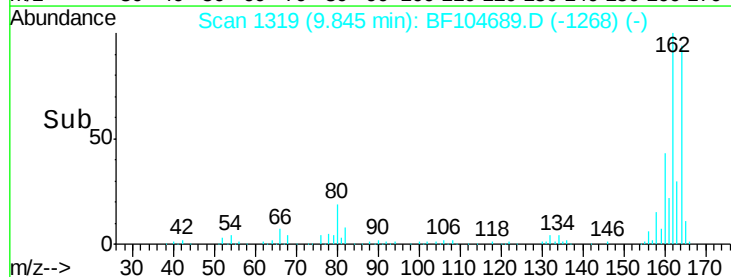
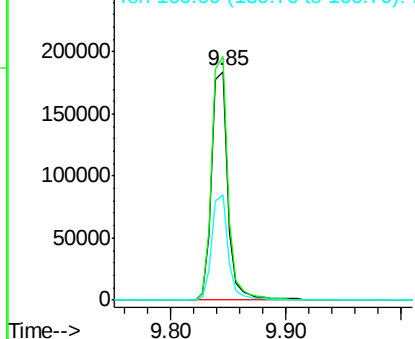


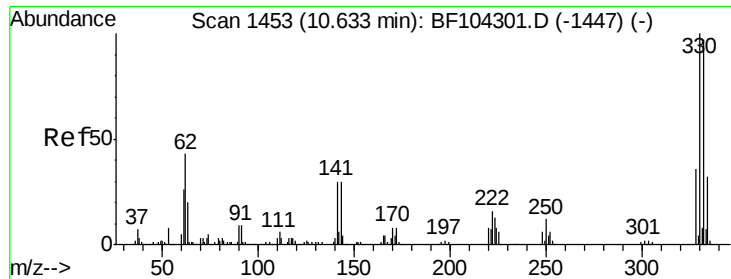
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Tgt Ion	164	Resp	180962
Ion Ratio	100	Lower	Upper
162	106.4	86.1	129.1
160	46.0	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

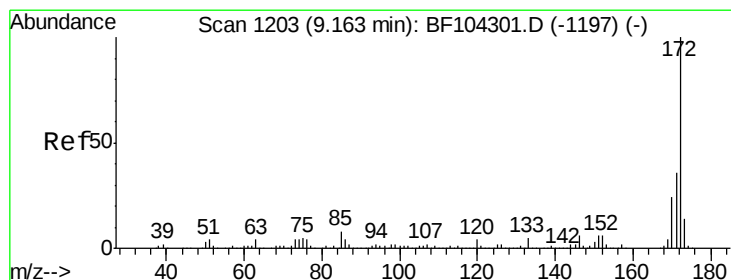
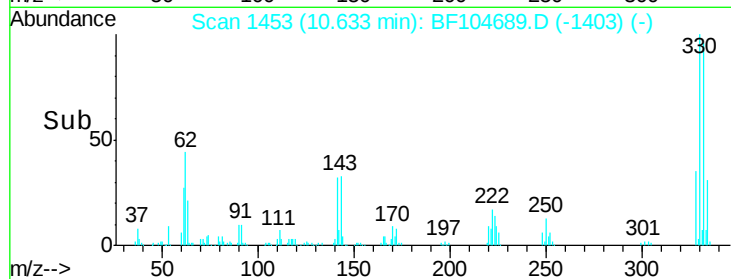
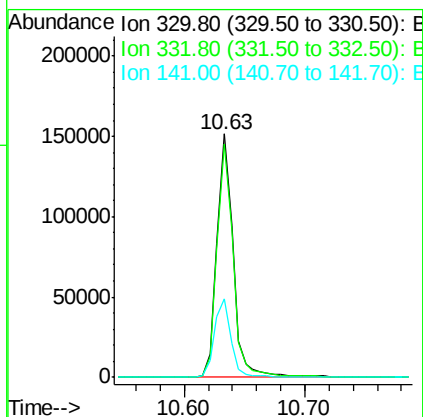
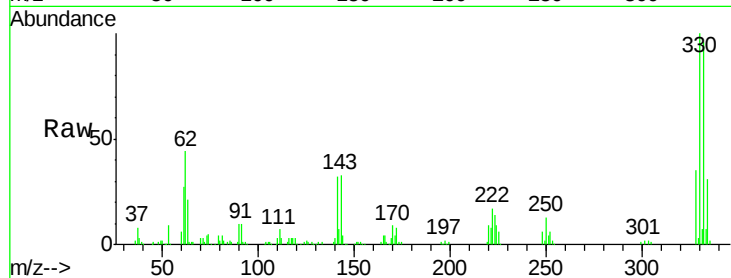




#41
 2,4,6-Tribromophenol
 Concen: 74.373 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

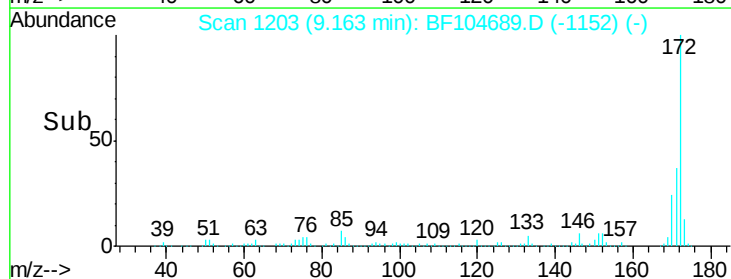
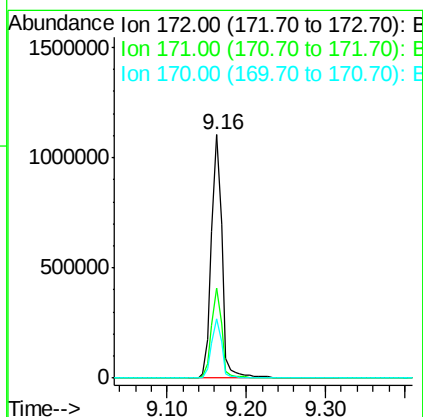
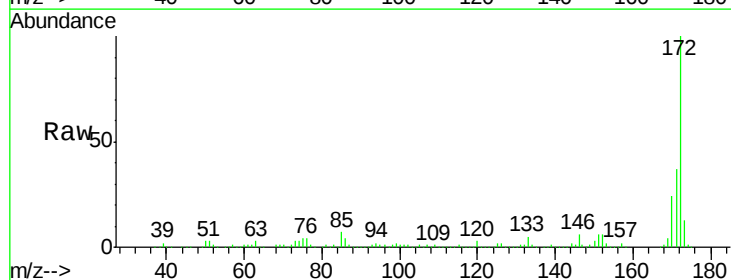
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BL

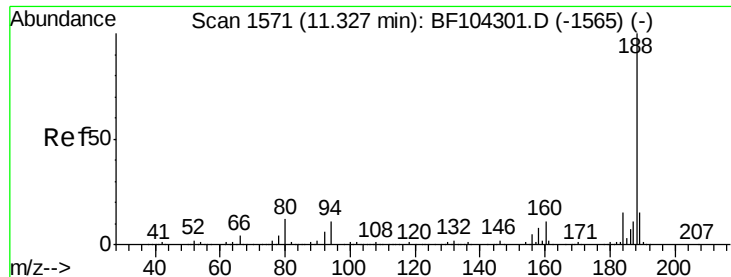
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 90.023 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4

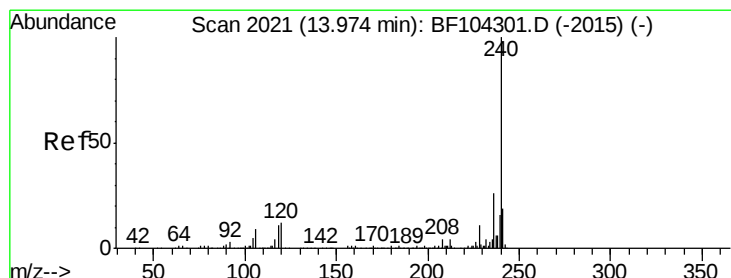
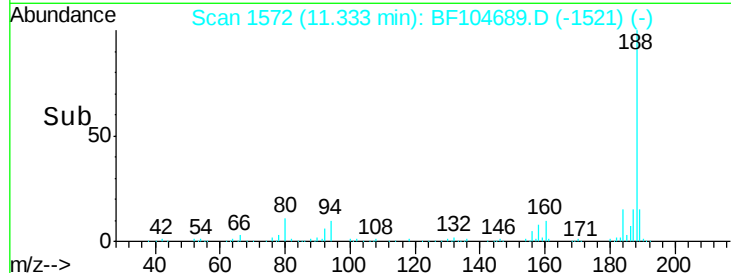
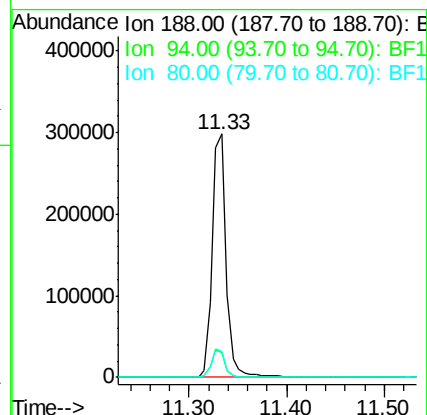
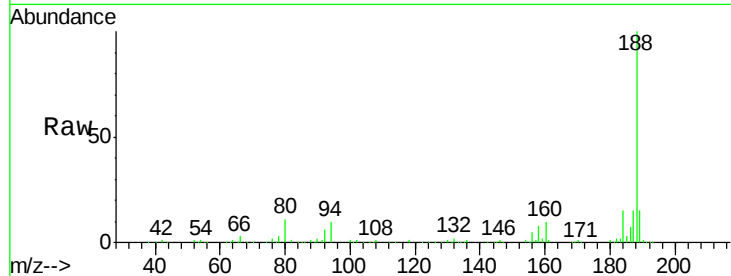




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

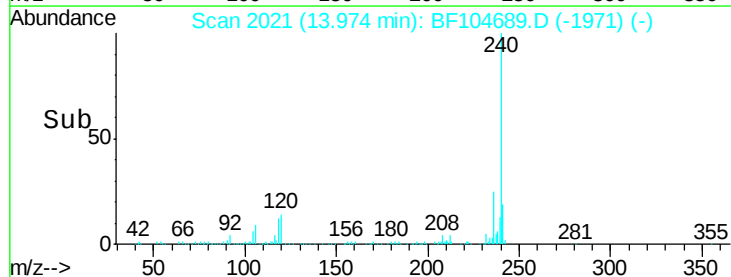
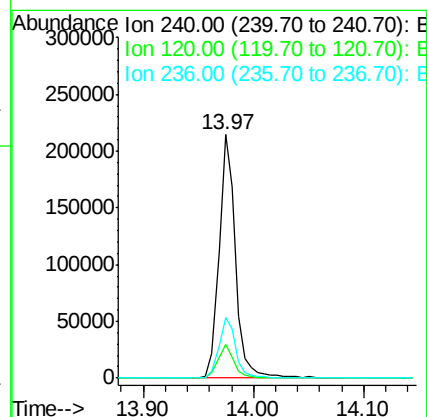
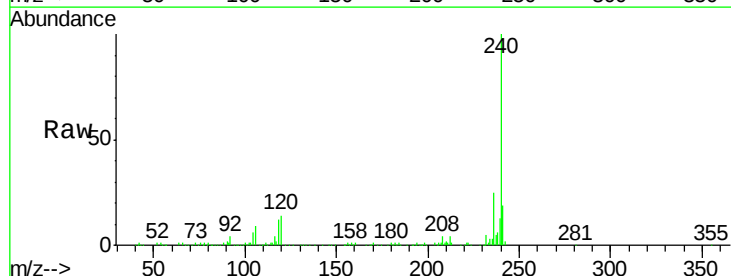
Instrument :
BNA_F
ClientSampleId :
PB108449BL

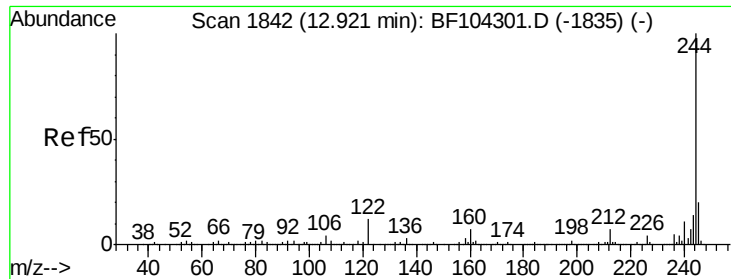
Tot Ion:188 Resp: 295396
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Tgt Ion:240 Resp: 219036
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 24.9 20.7 31.1

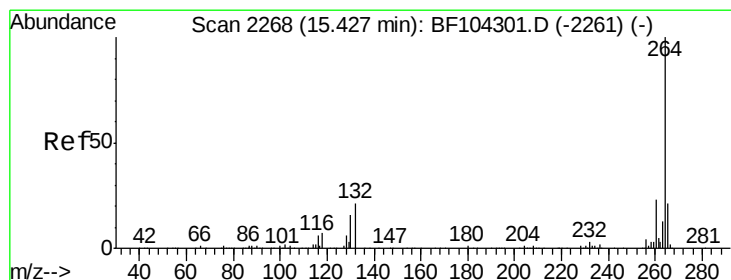
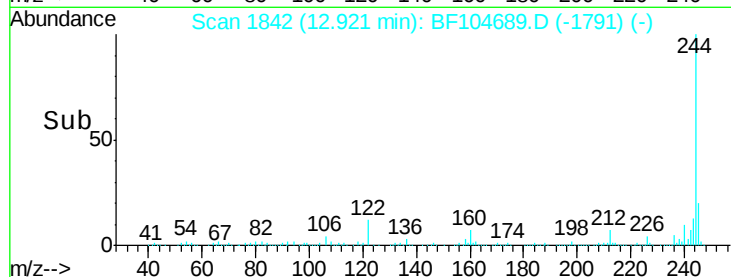
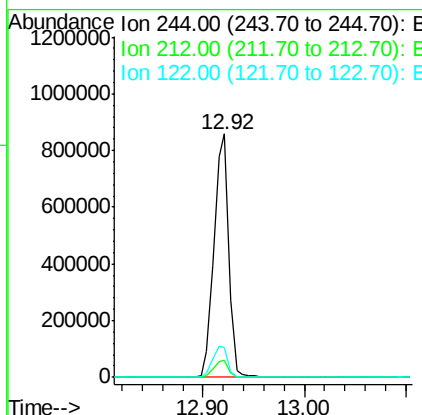
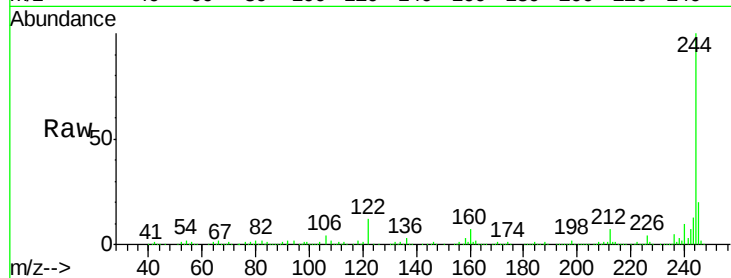




#78
 Terphenyl-d14
 Concen: 90.833 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Instrument :
 BNA_F
 ClientSampleID :
 PB108449BL

Tot Ion:244 Resp: 872679
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Tgt Ion:264 Resp: 172190
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.5 17.5 26.3

