

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103130.D
 Acq On : 21 Feb 2018 12:30
 Operator : SJ/JU
 Sample : PB106699BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106699BL

Quant Time: Feb 21 13:03:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161196	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	684782	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	317495	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	571889	20.00	ng	0.00
75) Chrysene-d12	14.04	240	488712	20.00	ng	-0.01
86) Perylene-d12	15.54	264	418477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1221646	115.09	ng	0.01
7) Phenol-d6	6.51	99	1452118	113.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	952943	96.54	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	306928	120.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1509051	78.87	ng	0.00
78) Terphenyl-d14	12.99	244	1475490	71.49	ng	0.00

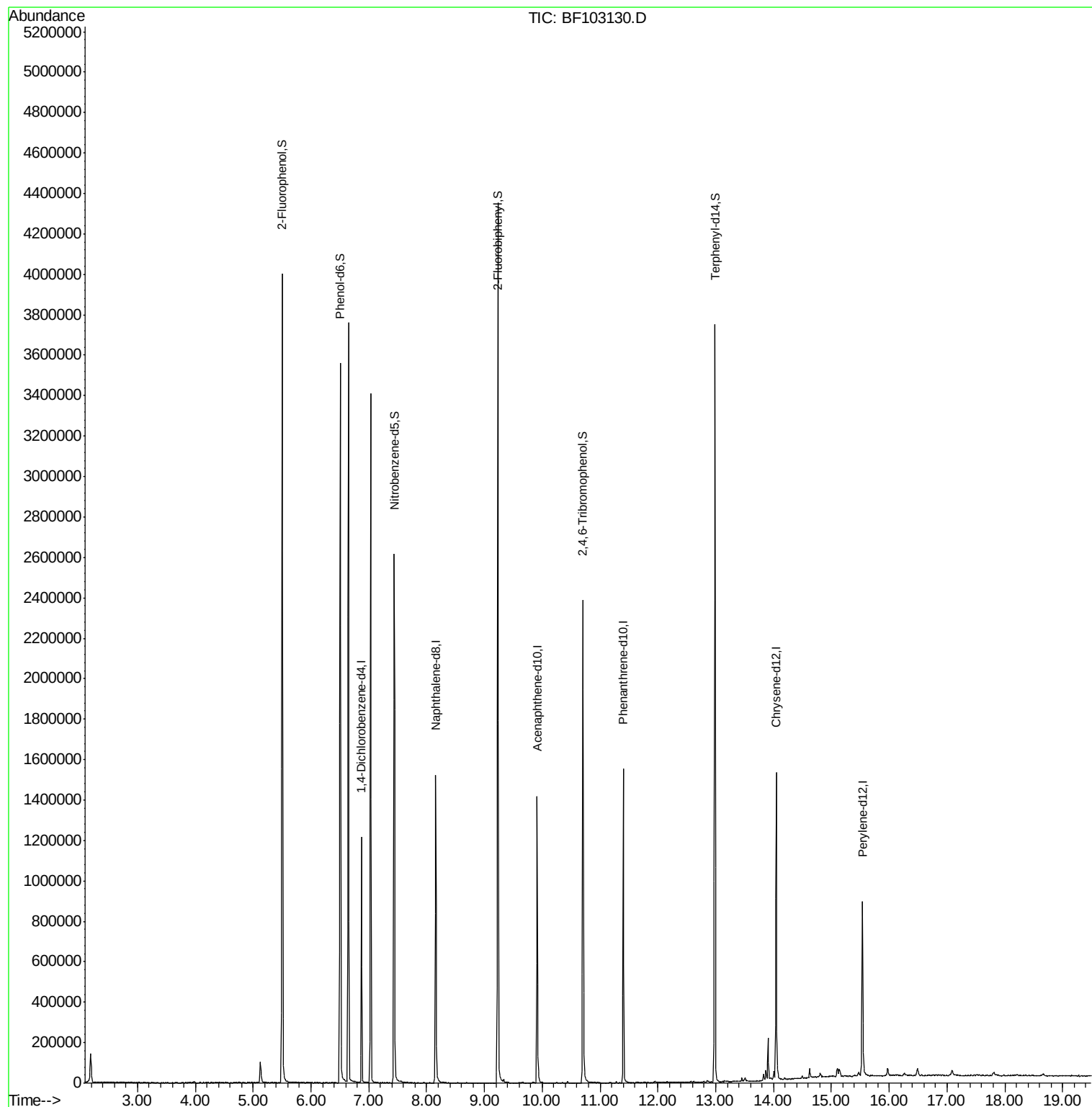
Target Compounds Qvalue

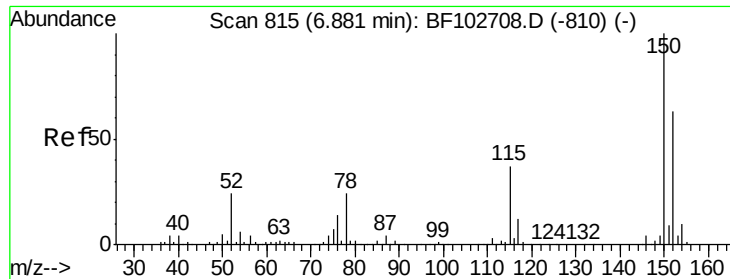
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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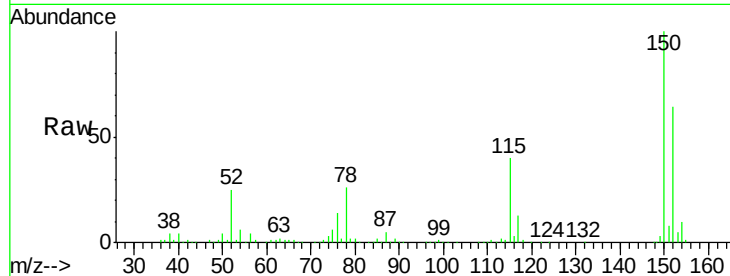


#1

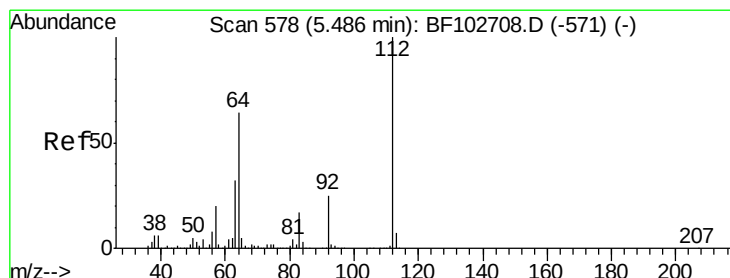
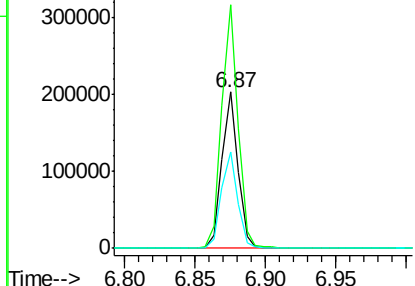
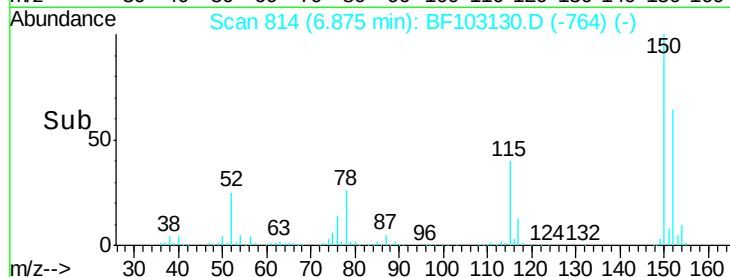
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :
PB106699BL

Tot Ion:152 Resp: 161196
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 61.5 50.1 75.1



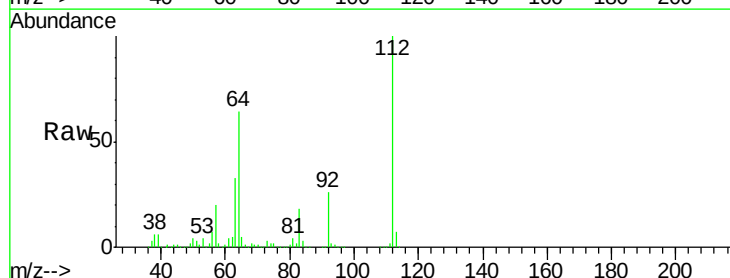
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



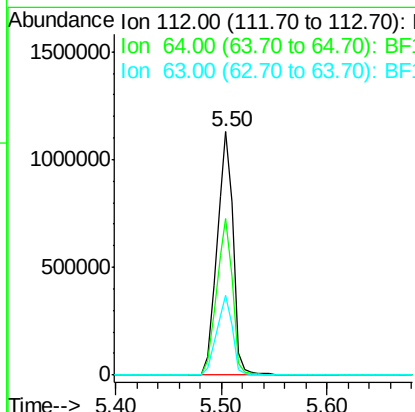
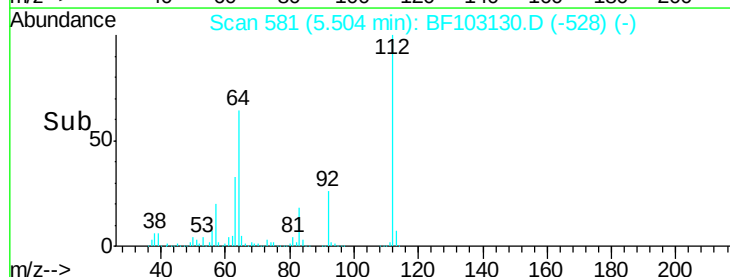
#5

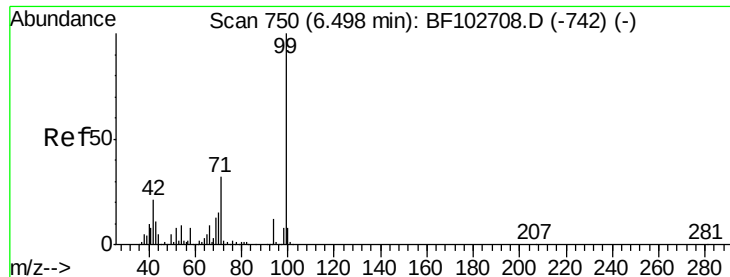
2-Fluorophenol
Concen: 115.094 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:112 Resp: 1221646
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.6 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: 113.621 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103130.D

Acq: 21 Feb 2018 12:30

Instrument :

BNA_F

ClientSampleId :

PB106699BL

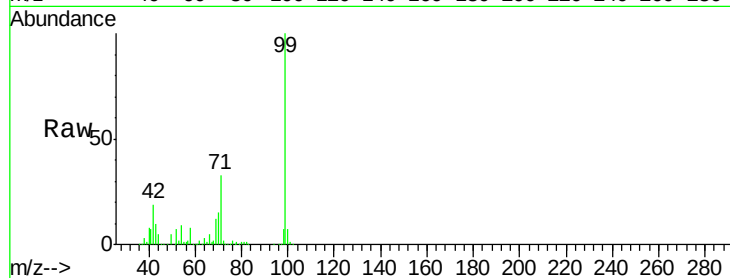
Tot Ion: 99 Resp: 1452118

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

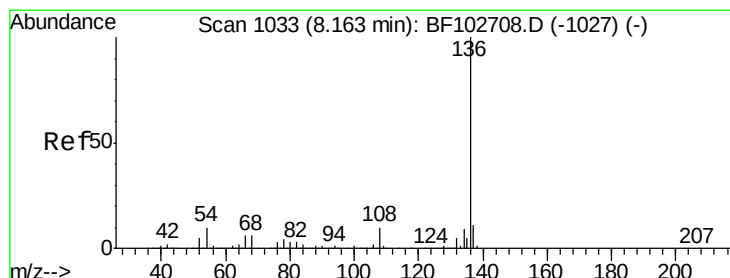
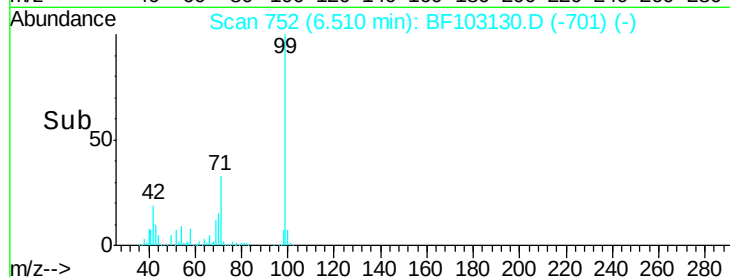
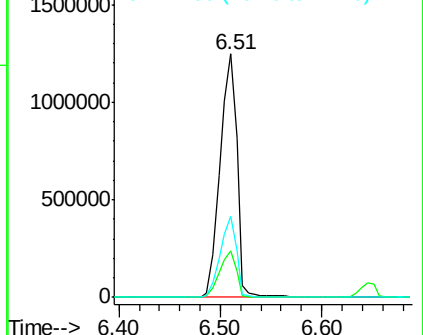
71 33.1 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103130.D

Acq: 21 Feb 2018 12:30

Tgt Ion: 136 Resp: 684782

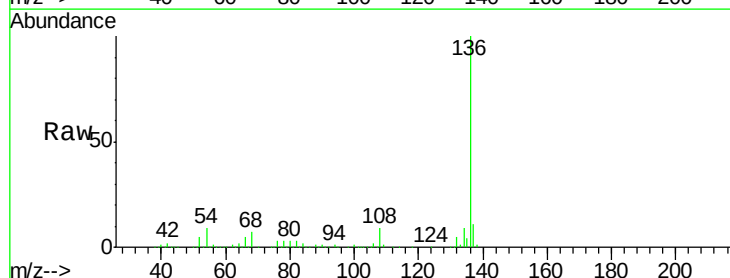
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

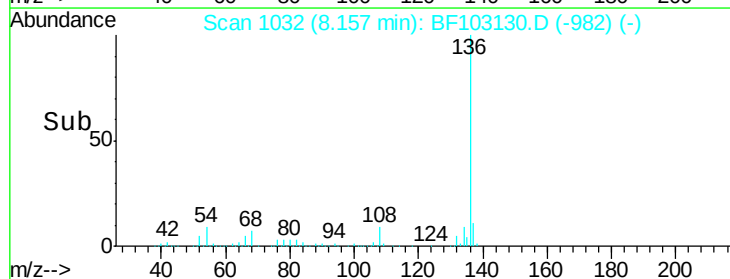
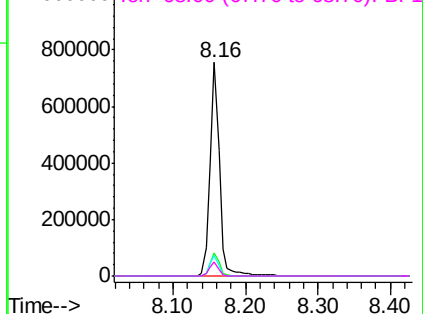


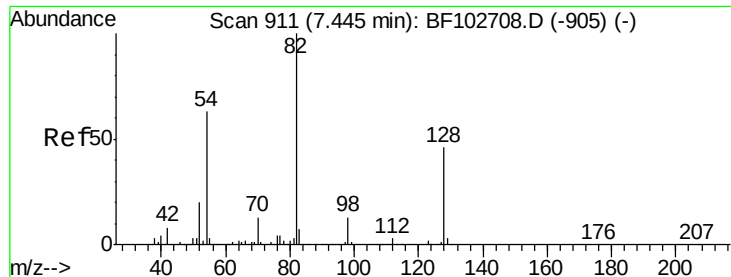
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.536 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103130.D

Acq: 21 Feb 2018 12:30

Instrument :

BNA_F

ClientSampleId :

PB106699BL

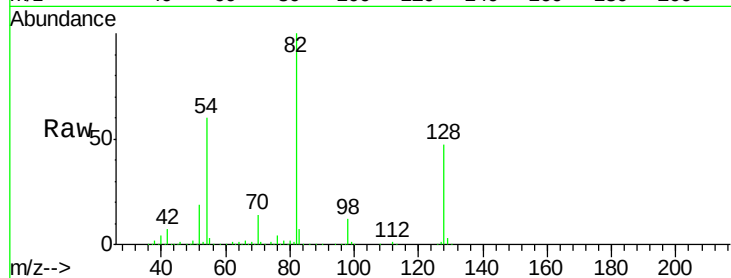
Tot Ion: 82 Resp: 952943

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

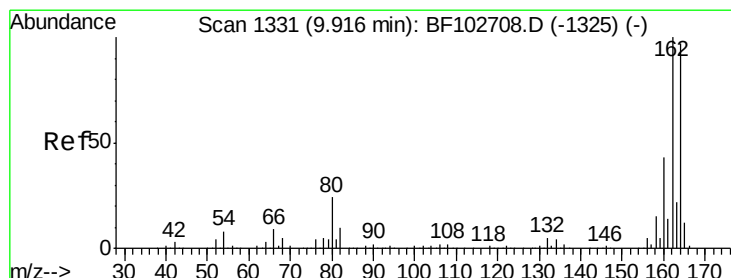
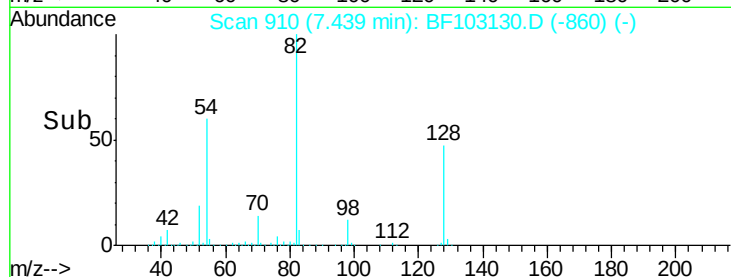
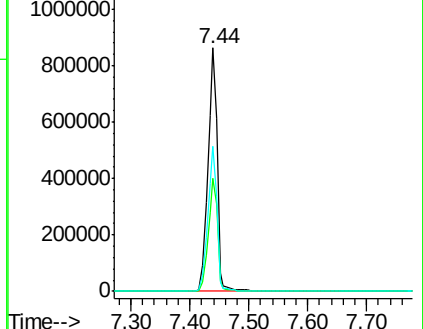
54 59.5 41.4 62.2



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103130.D

Acq: 21 Feb 2018 12:30

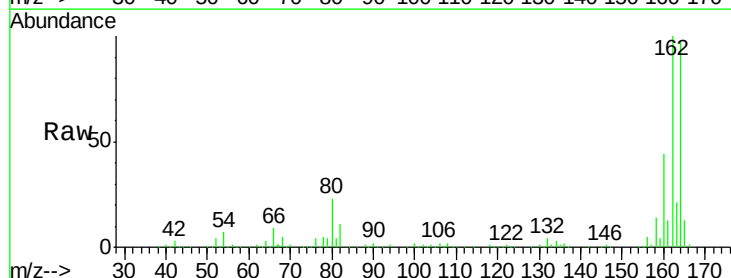
Tgt Ion: 164 Resp: 317495

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

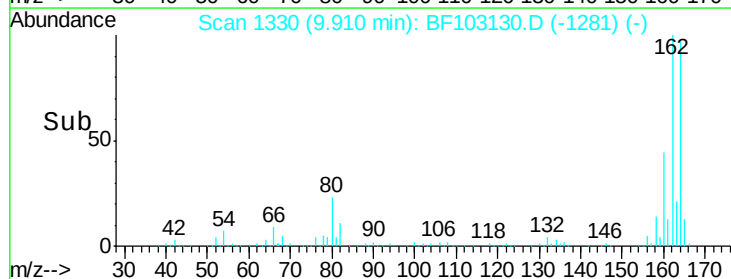
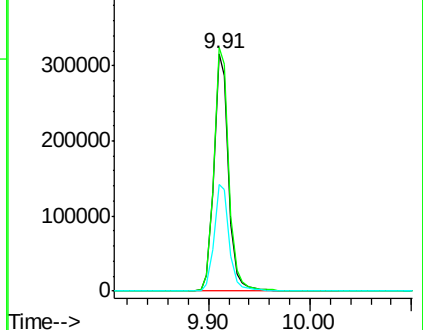
160 44.7 38.3 57.5

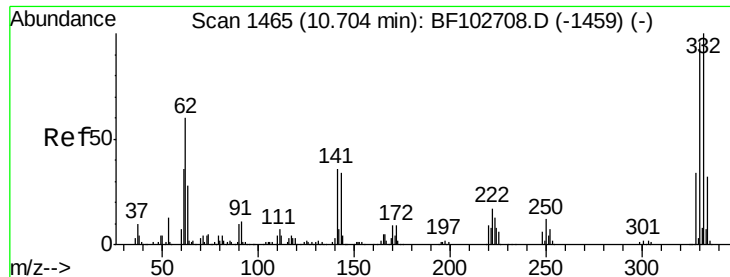


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

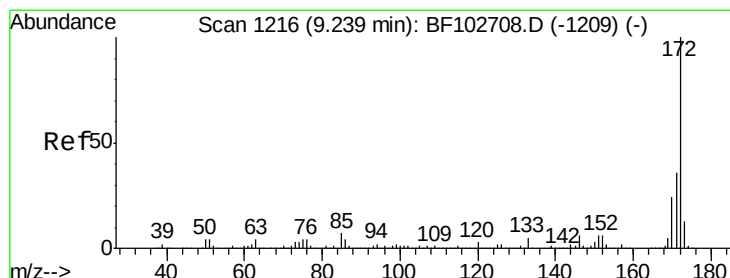
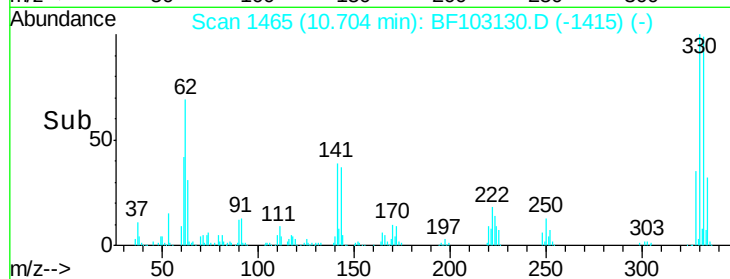
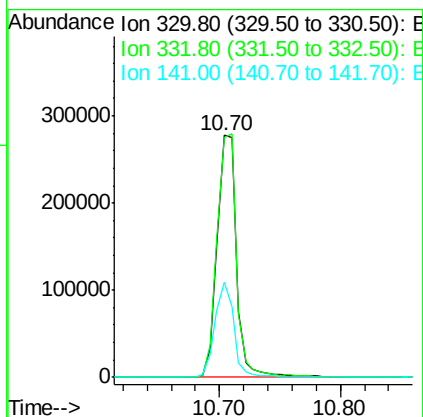
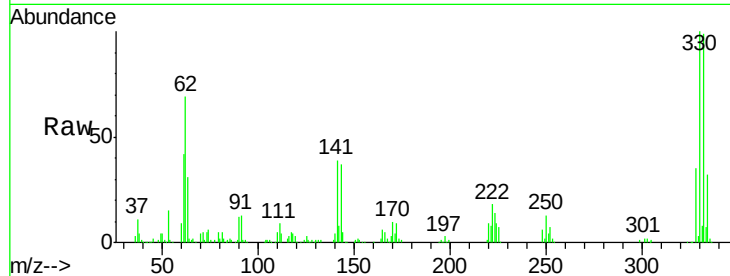




#41
 2,4,6-Tribromophenol
 Concen: 120.107 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103130.D
 Acq: 21 Feb 2018 12:30

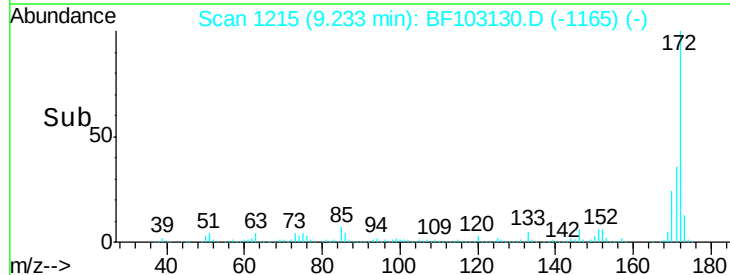
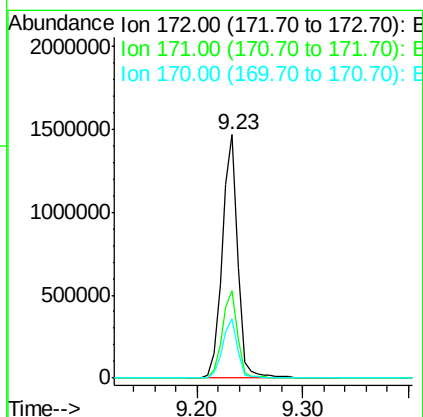
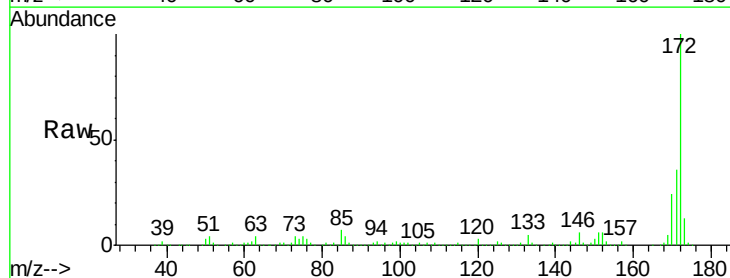
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BL

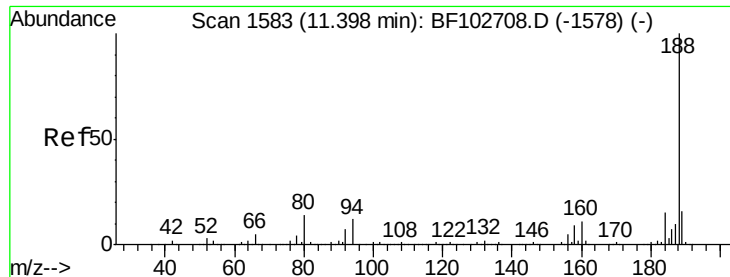
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.0	115.6
141	38.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 78.869 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103130.D
 Acq: 21 Feb 2018 12:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.3	19.6	29.4

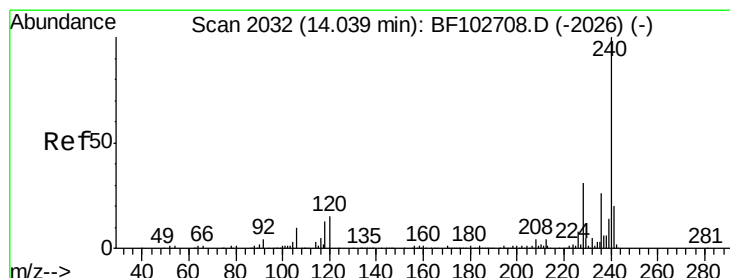
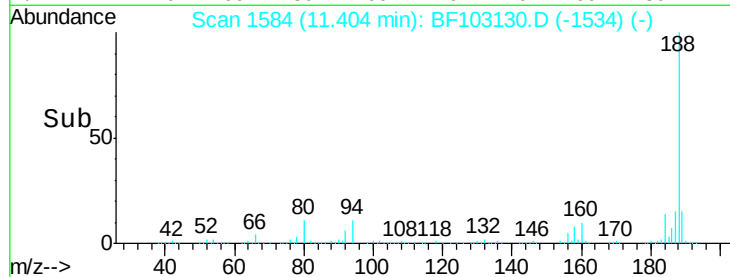
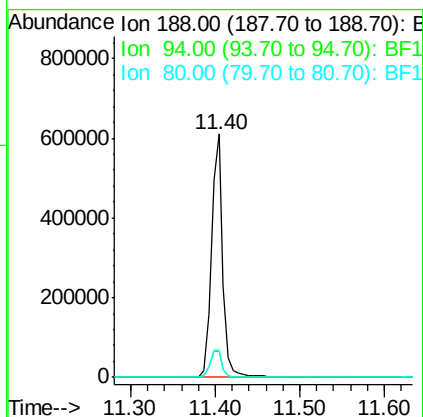
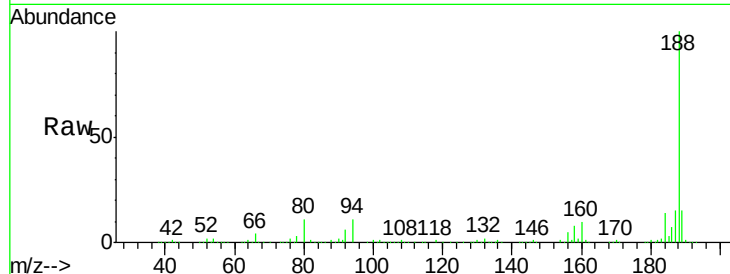




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

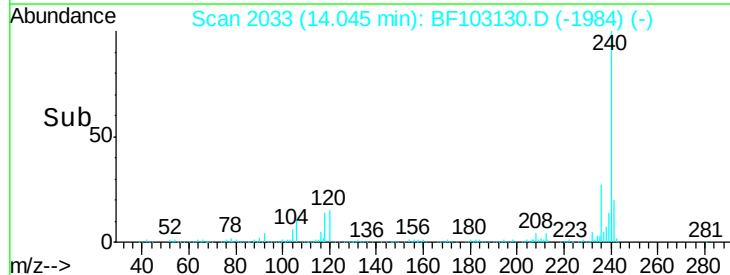
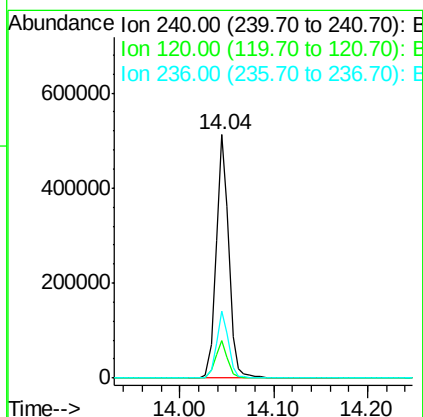
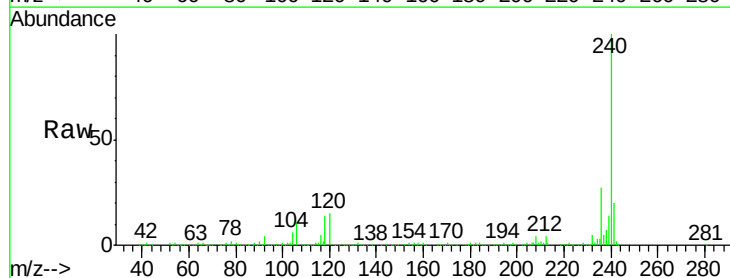
Instrument :
BNA_F
ClientSampleId :
PB106699BL

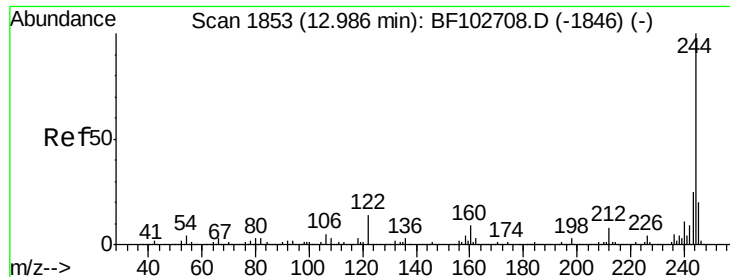
Tot Ion:188 Resp: 571889
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:240 Resp: 488712
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 27.5 20.7 31.1





#78

Terphenyl-d14

Concen: 71.486 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103130.D

Acq: 21 Feb 2018 12:30

Instrument :

BNA_F

ClientSampleId :

PB106699BL

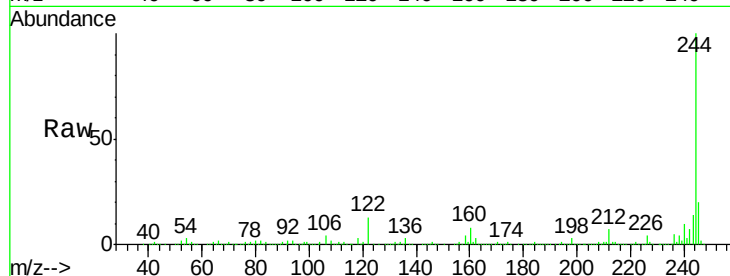
Tot Ion:244 Resp: 1475490

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

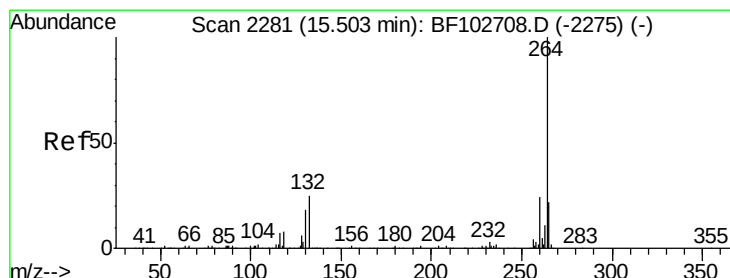
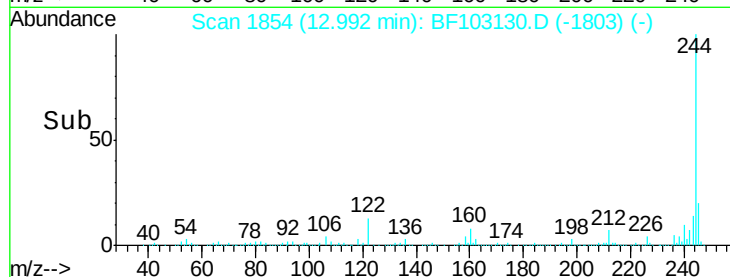
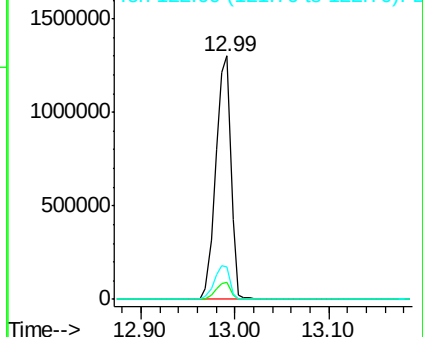
122 13.3 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF103130.D

Acq: 21 Feb 2018 12:30

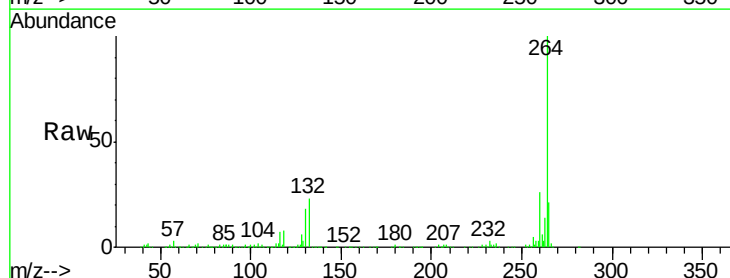
Tgt Ion:264 Resp: 418477

Ion Ratio Lower Upper

264 100

260 25.8 19.2 28.8

265 21.4 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

