

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103972.D
 Acq On : 27 Mar 2018 16:25
 Operator : JU/SJ
 Sample : PB107636BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BL

Quant Time: Mar 28 04:42:15 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	132459	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	544486	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	257726	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	494634	20.00	ng	0.00
75) Chrysene-d12	14.16	240	440733	20.00	ng	-0.01
86) Perylene-d12	15.70	264	388759	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1006551	115.58	ng	0.02
7) Phenol-d6	6.60	99	1201509	112.77	ng	0.00
23) Nitrobenzene-d5	7.53	82	730724	93.59	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	335351	151.34	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1355142	83.87	ng	0.00
78) Terphenyl-d14	13.09	244	1453690	76.56	ng	0.00

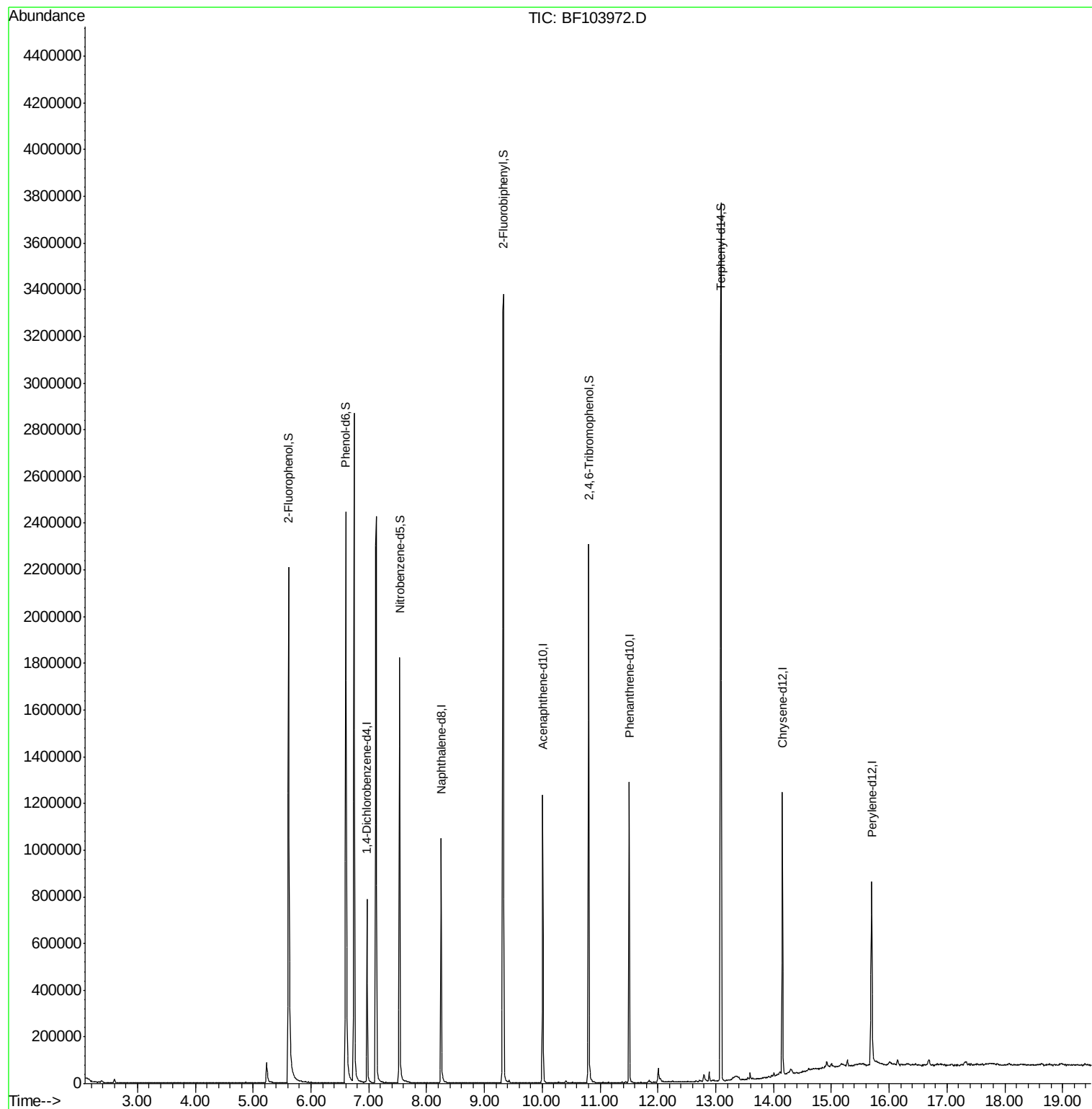
Target Compounds Qvalue

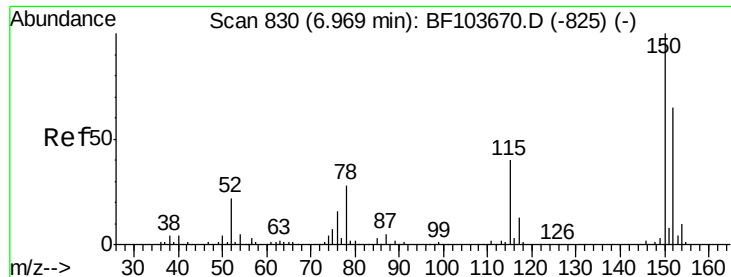
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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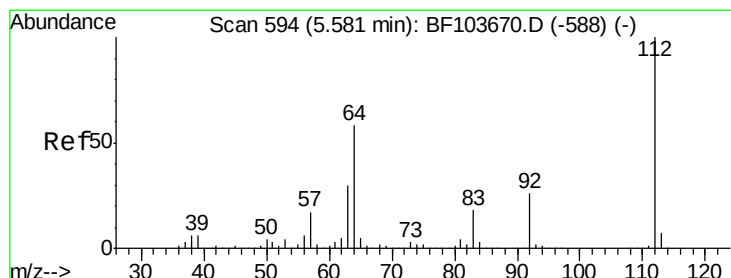
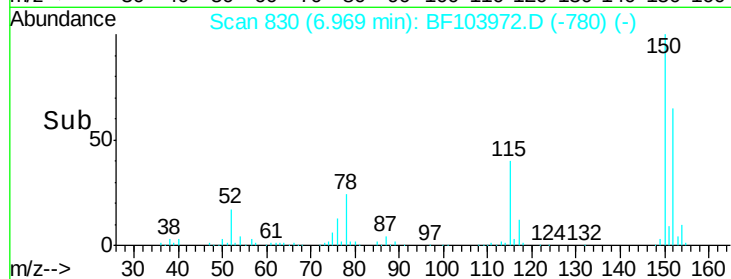
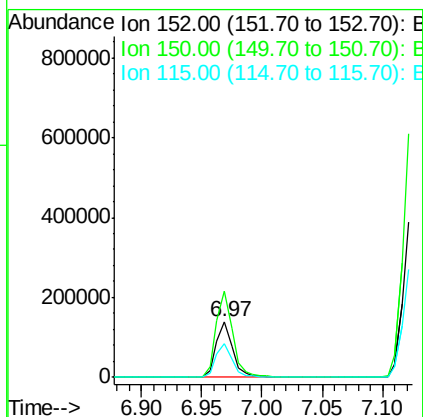
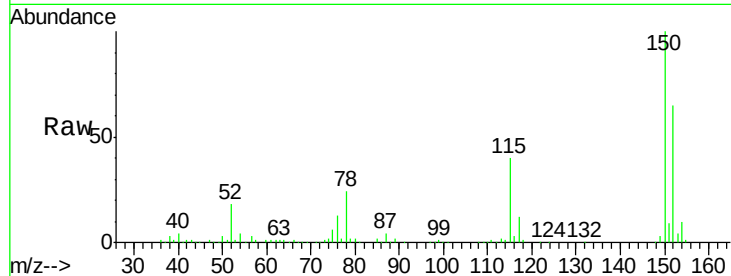


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103972.D
Acq: 27 Mar 2018 16:25

Instrument :
BNA_F
ClientSampleId :
PB107636BL

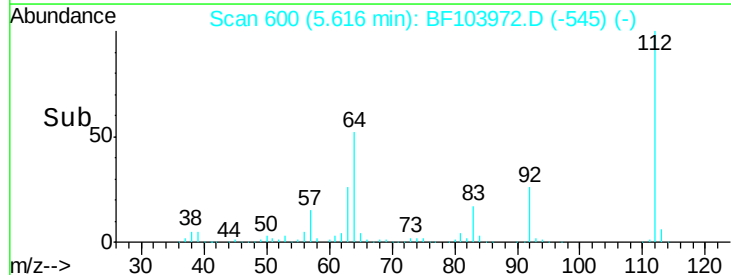
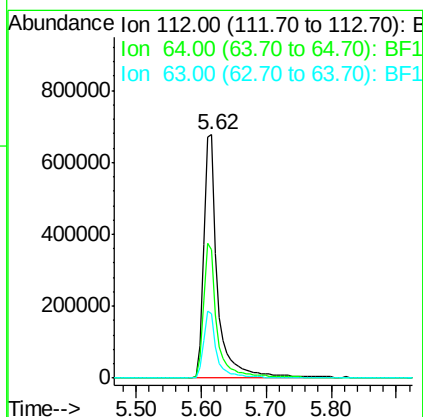
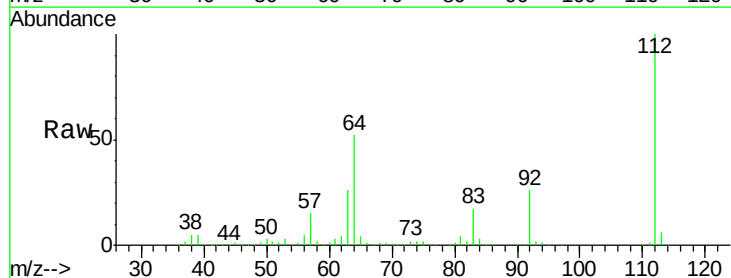
Tot Ion:152 Resp: 132459
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.4 50.1 75.1

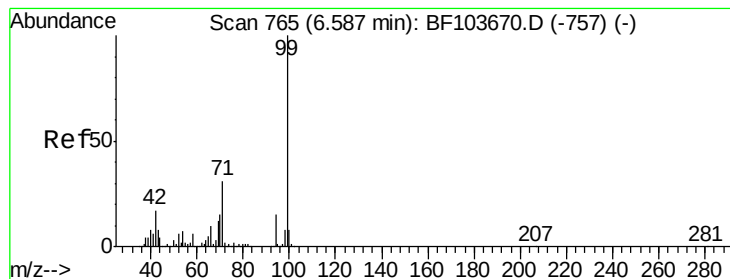


#5

2-Fluorophenol
Concen: 115.580 ng
RT: 5.62 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF103972.D
Acq: 27 Mar 2018 16:25

Tgt Ion:112 Resp: 1006551
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 26.3 23.7 35.5





#7

Phenol-d6

Concen: 112.770 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103972.D

Acq: 27 Mar 2018 16:25

Instrument :

BNA_F

ClientSampleId :

PB107636BL

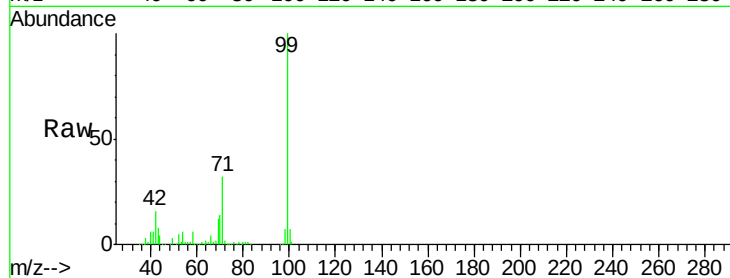
Tot Ion: 99 Resp: 1201509

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

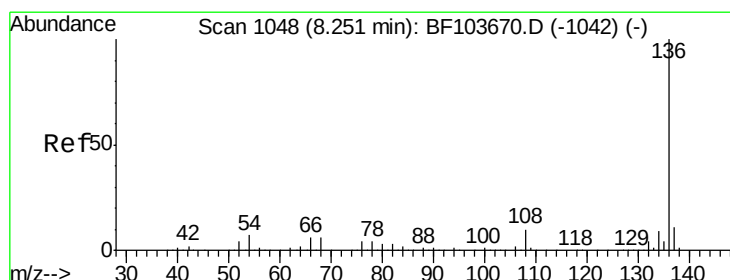
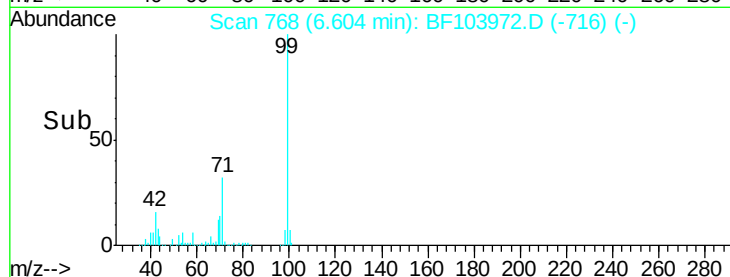
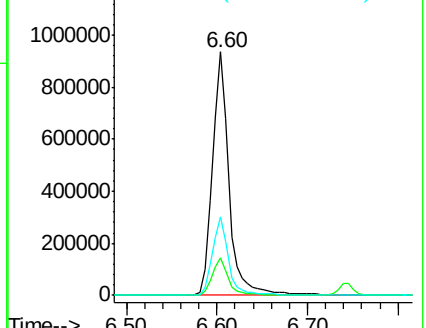
71 32.4 25.4 38.0



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: BF103972.D

Acq: 27 Mar 2018 16:25

Tgt Ion: 136 Resp: 544486

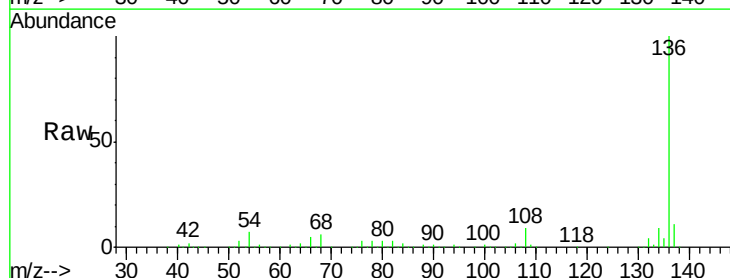
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

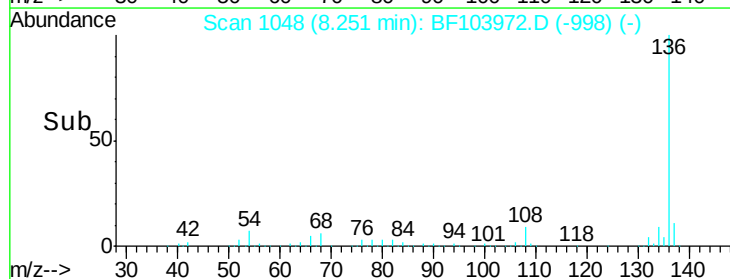
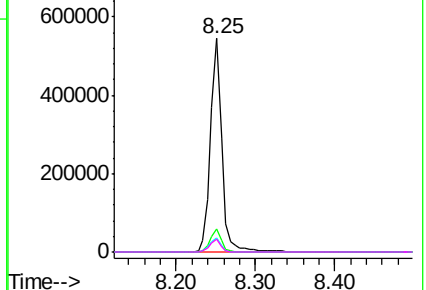


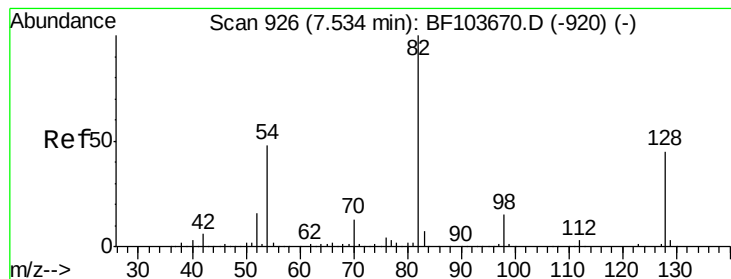
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.589 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF103972.D

Acq: 27 Mar 2018 16:25

Instrument :

BNA_F

ClientSampled :

PB107636BL

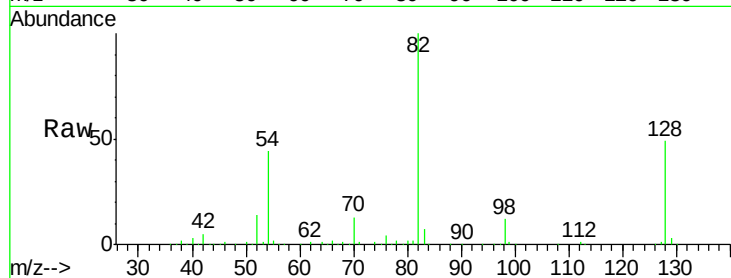
Tot Ion: 82 Resp: 730724

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

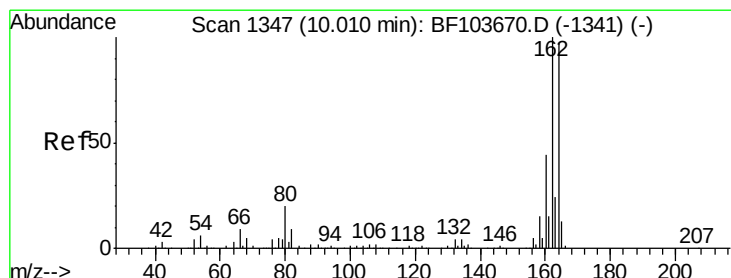
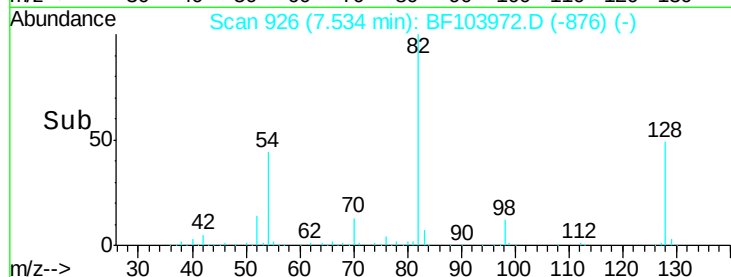
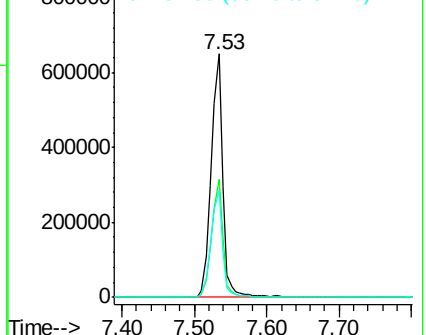
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): 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: BF103972.D

Acq: 27 Mar 2018 16:25

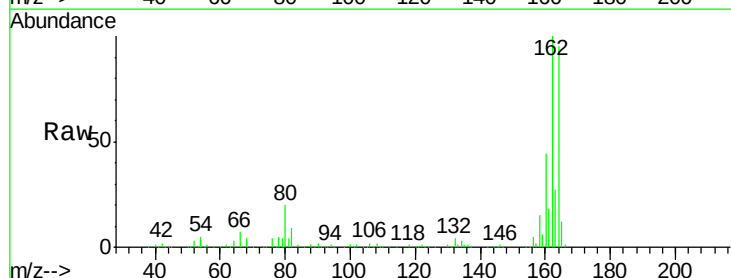
Tgt Ion:164 Resp: 257726

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

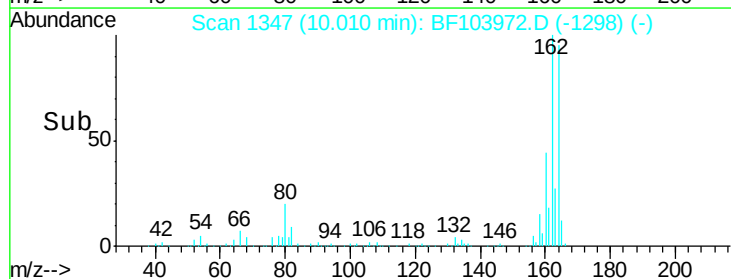
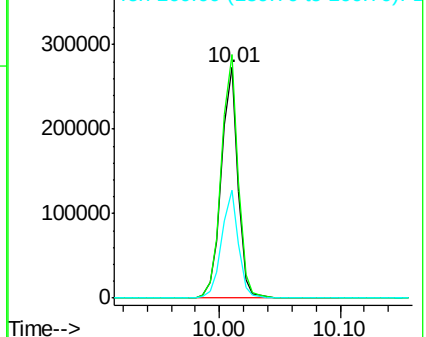
160 46.9 38.3 57.5

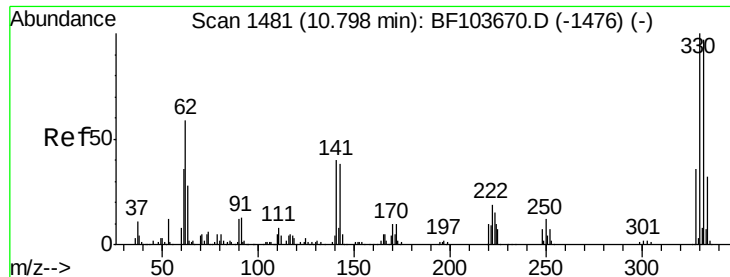


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

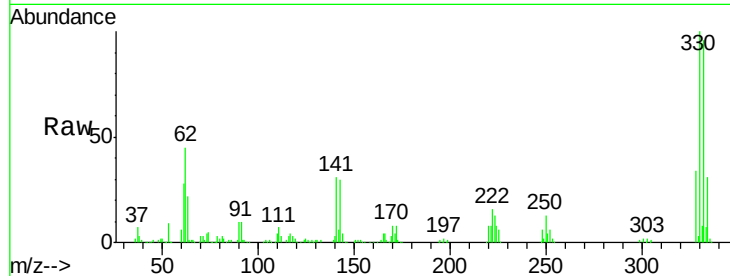




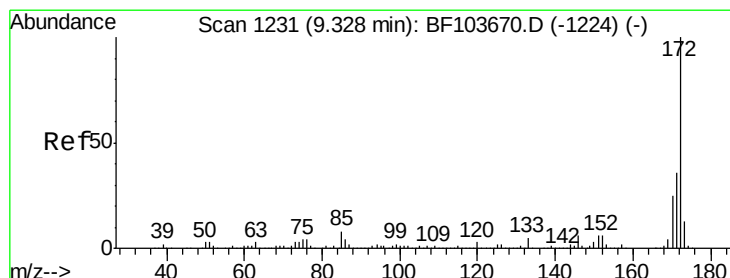
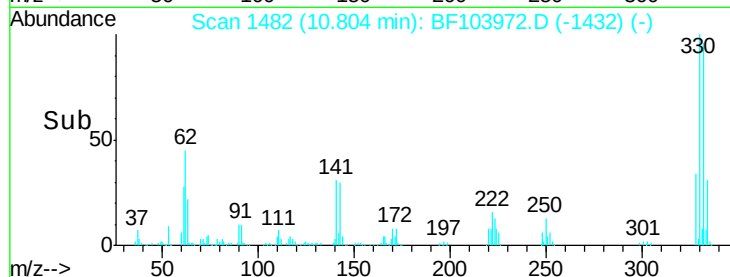
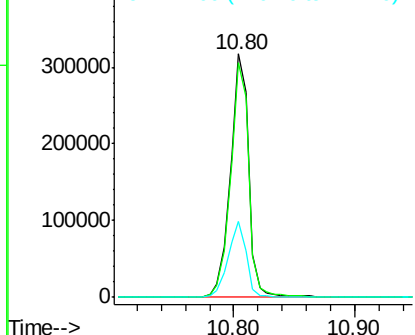
#41
 2,4,6-Tribromophenol
 Concen: 151.335 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103972.D
 Acq: 27 Mar 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	31.3	29.9	44.9

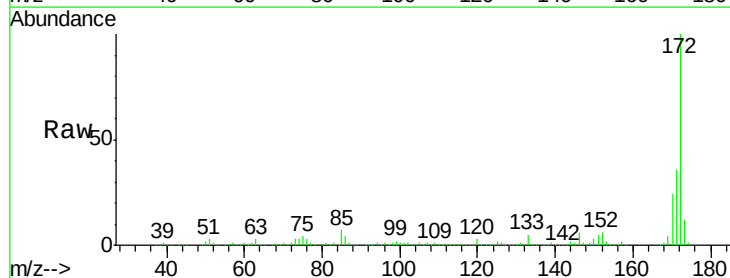


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

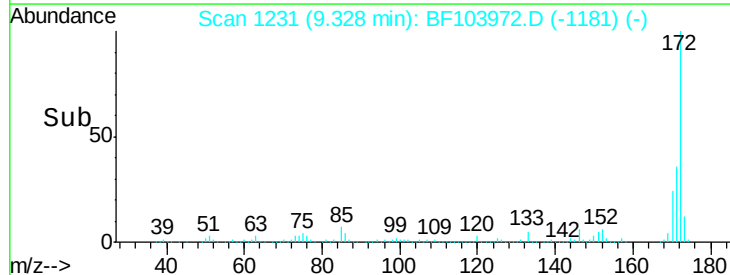
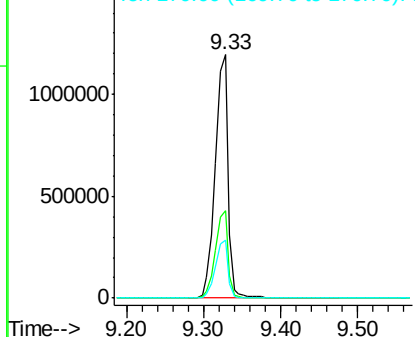


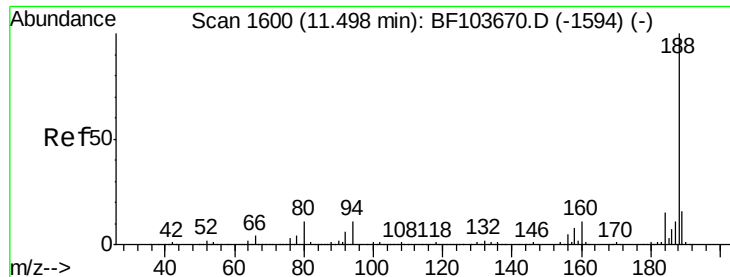
#44
 2-Fluorobiphenyl
 Concen: 83.874 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103972.D
 Acq: 27 Mar 2018 16:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

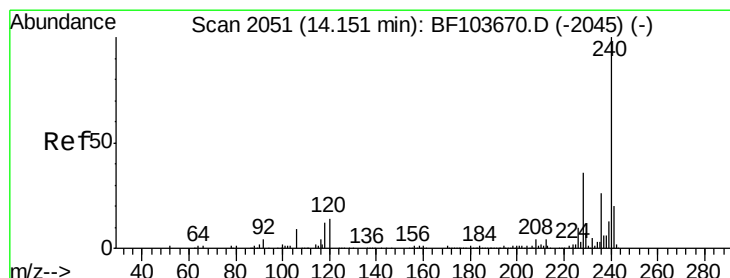
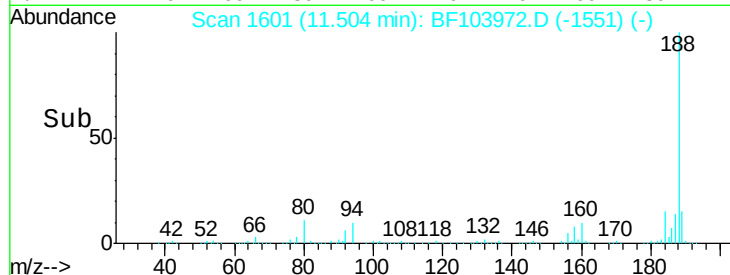
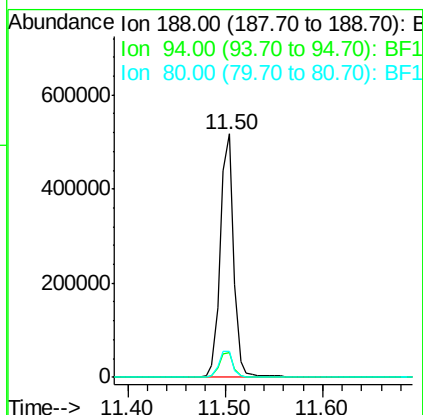
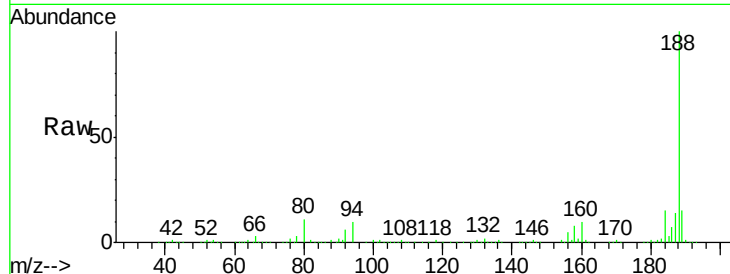




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103972.D
 Acq: 27 Mar 2018 16:25

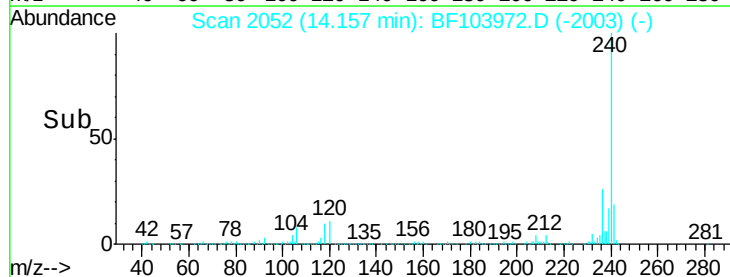
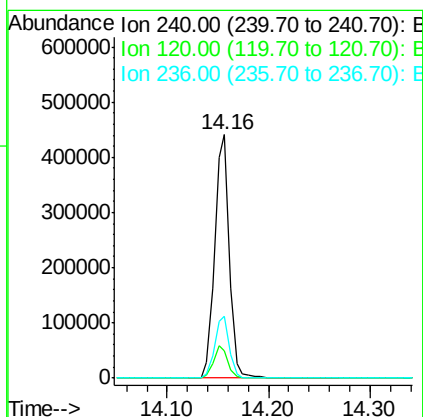
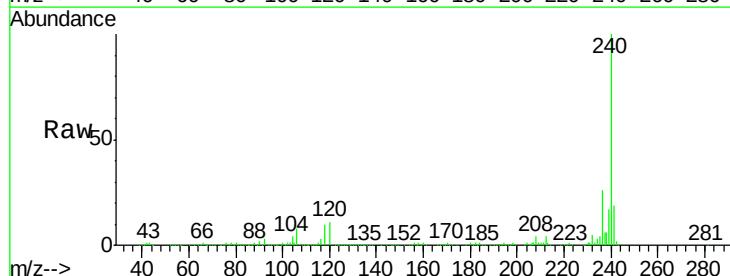
Instrument :
 BNA_F
 ClientSampleId :
 PB107636BL

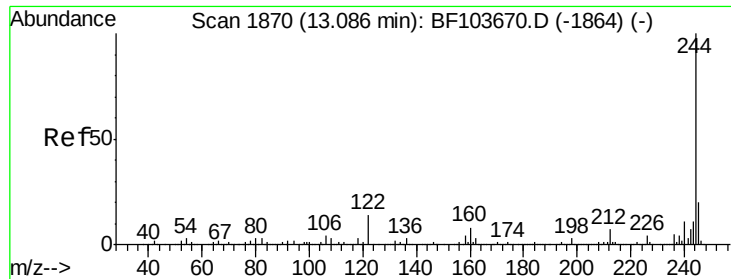
Tot Ion:188 Resp: 494634
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.6 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF103972.D
 Acq: 27 Mar 2018 16:25

Tgt Ion:240 Resp: 440733
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.5 14.3
 236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 76.559 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103972.D

Acq: 27 Mar 2018 16:25

Instrument :

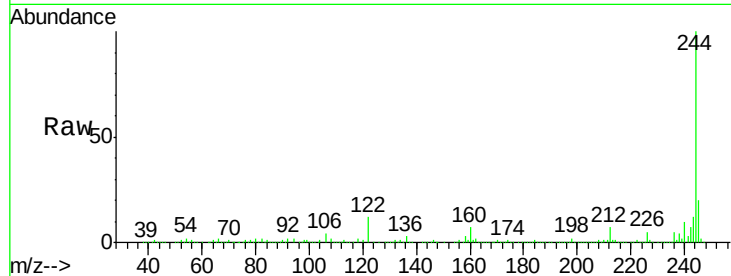
BNA_F

ClientSampleId :

PB107636BL

Tot Ion:244 Resp: 1453690

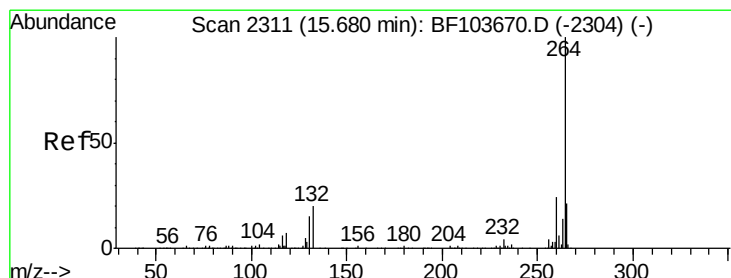
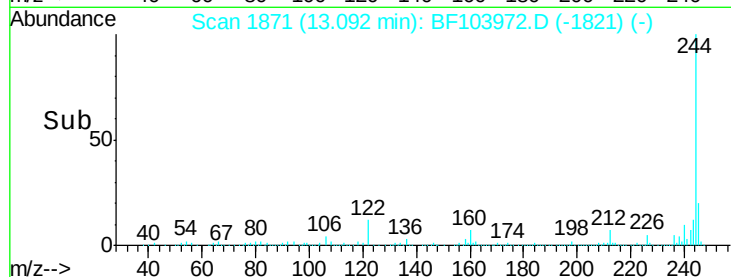
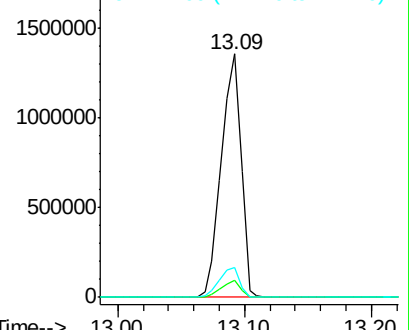
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4



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: 15.70 min Scan# 2314

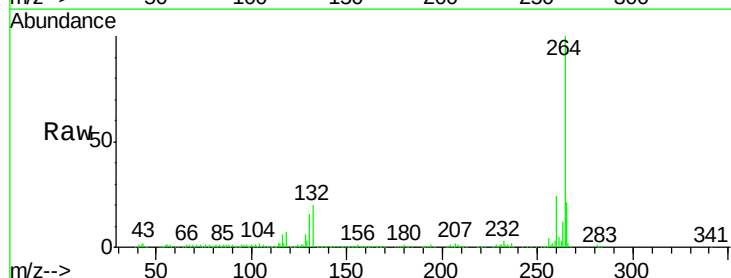
Delta R.T. -0.01 min

Lab File: BF103972.D

Acq: 27 Mar 2018 16:25

Tgt Ion:264 Resp: 388759

Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

