

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104957.D
 Acq On : 1 May 2018 2:59
 Operator : JU/SJ
 Sample : PB108668BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108668BL

Quant Time: May 01 07:25:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106699	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	436586	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	185962	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	294173	20.00	ng	0.00
75) Chrysene-d12	13.96	240	211985	20.00	ng	-0.01
86) Perylene-d12	15.43	264	172855	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	552703	79.21	ng	0.00
7) Phenol-d6	6.43	99	658423	76.79	ng	-0.01
23) Nitrobenzene-d5	7.36	82	570949	85.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	130266	67.53	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1039243	88.28	ng	0.00
78) Terphenyl-d14	12.90	244	803831	86.45	ng	-0.01

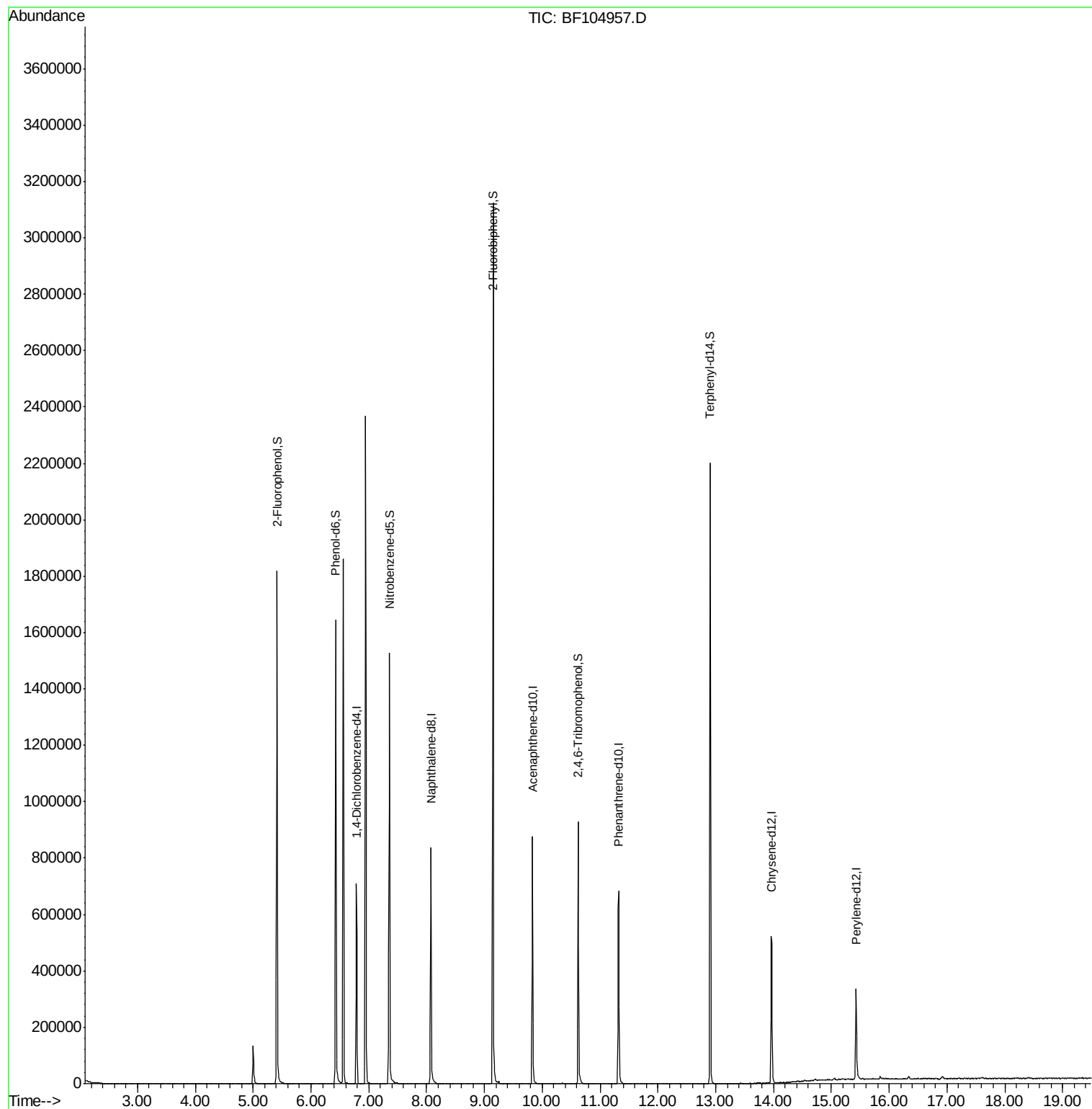
Target Compounds Qvalue

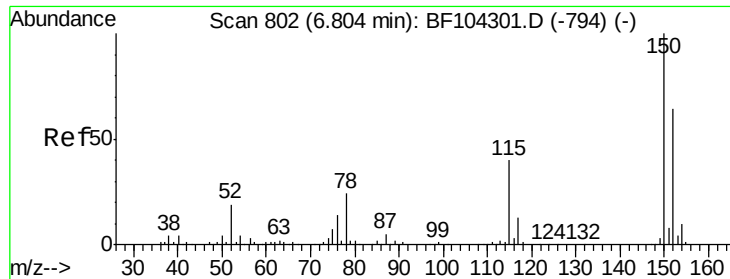
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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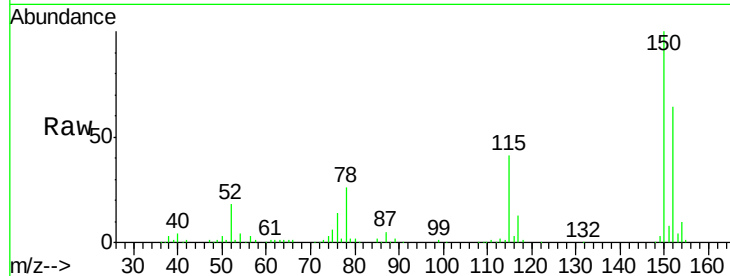


#1

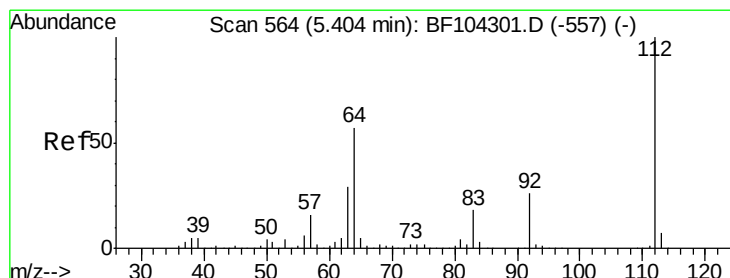
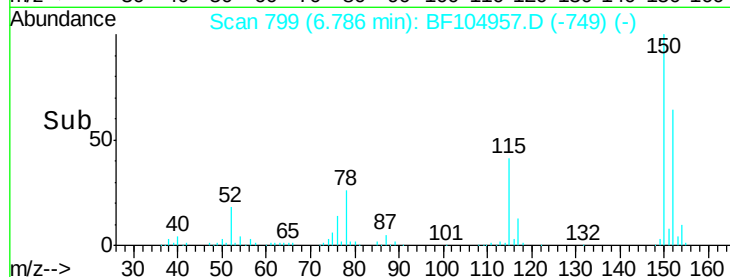
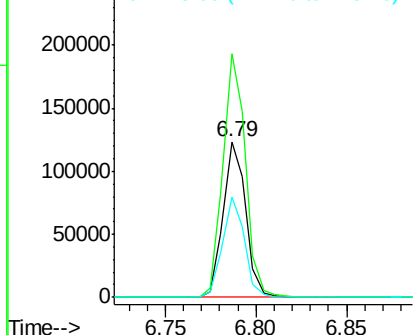
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104957.D
Acq: 1 May 2018 2:59

Instrument :
BNA_F
ClientSampleId :
PB108668BL

Tot Ion:152 Resp: 106699
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 64.0 50.1 75.1



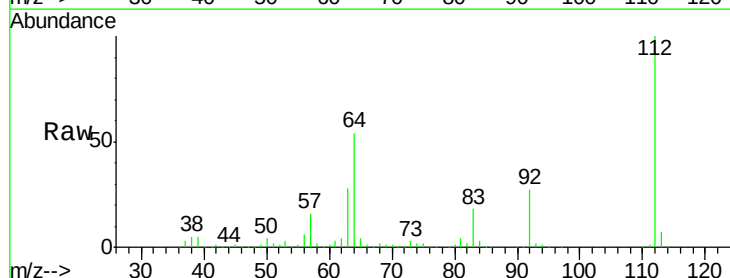
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



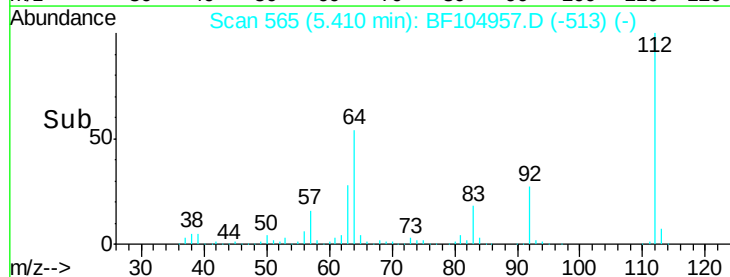
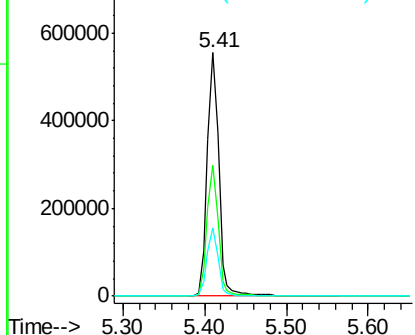
#5

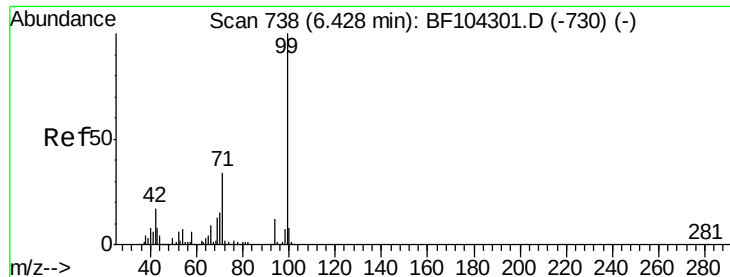
2-Fluorophenol
Concen: 79.205 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104957.D
Acq: 1 May 2018 2:59

Tgt Ion:112 Resp: 552703
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 28.0 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: 76.795 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104957.D

Acq: 1 May 2018 2:59

Instrument :

BNA_F

ClientSampleId :

PB108668BL

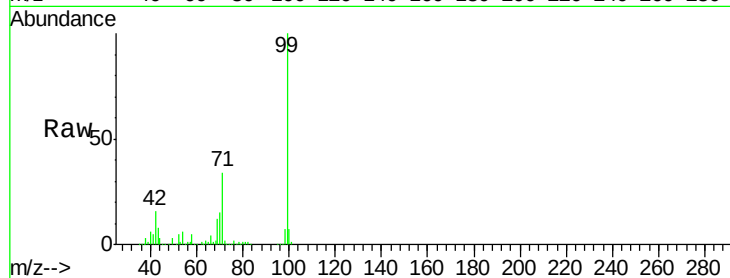
Tot Ion: 99 Resp: 658423

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

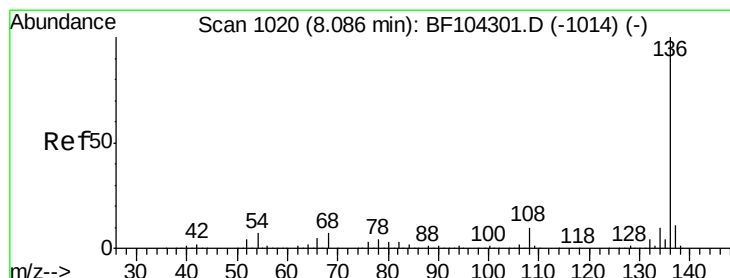
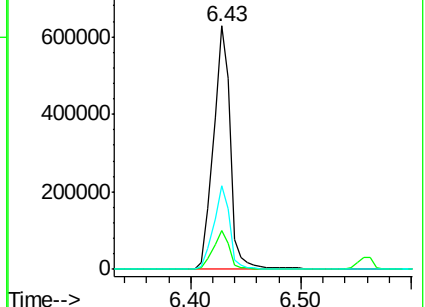
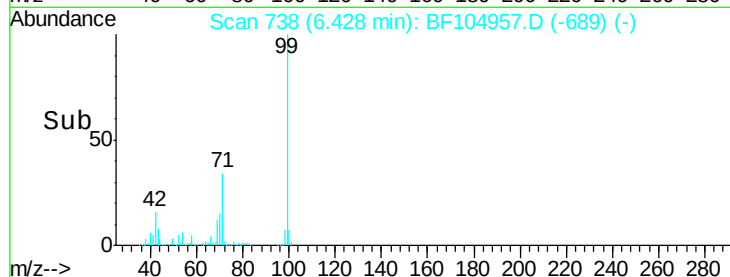
71 34.2 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104957.D

Acq: 1 May 2018 2:59

Tgt Ion: 136 Resp: 436586

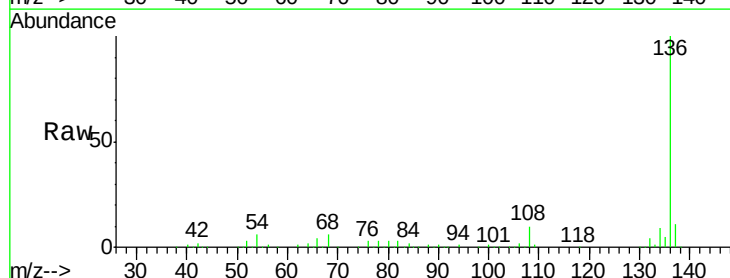
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

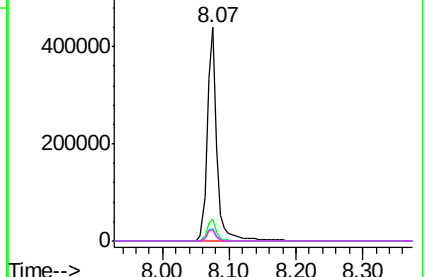
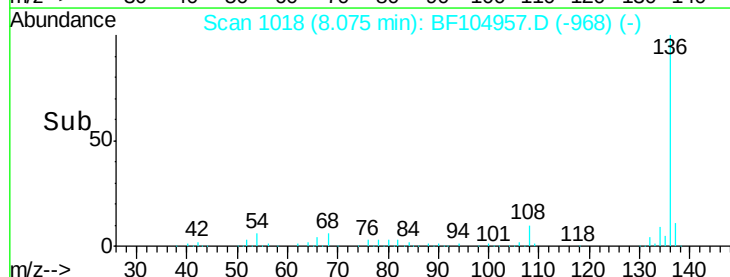


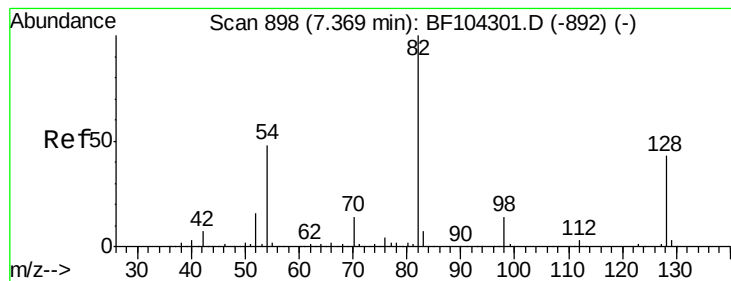
Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.394 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF104957.D

Acq: 1 May 2018 2:59

Instrument :

BNA_F

ClientSampleId :

PB108668BL

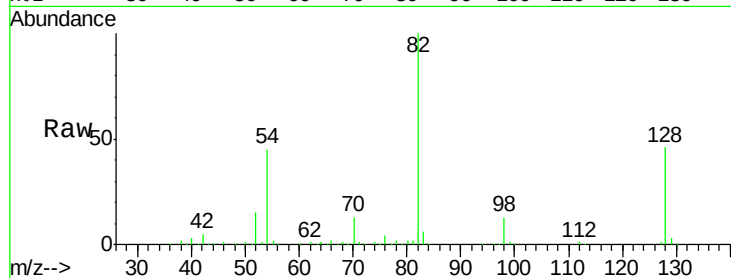
Tot Ion: 82 Resp: 570949

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

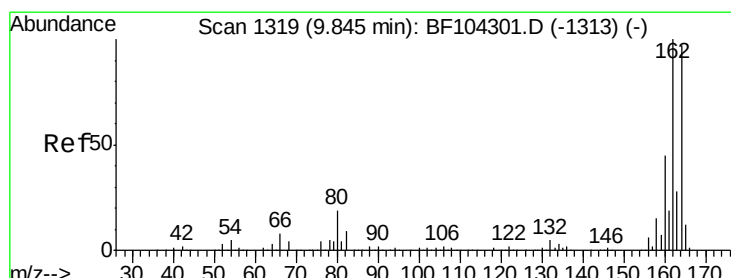
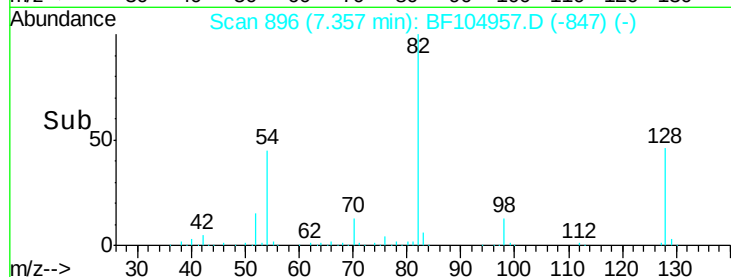
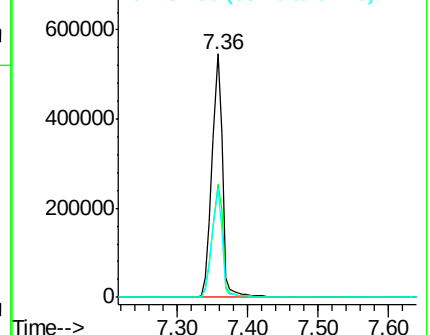
54 44.7 41.4 62.2



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104957.D

Acq: 1 May 2018 2:59

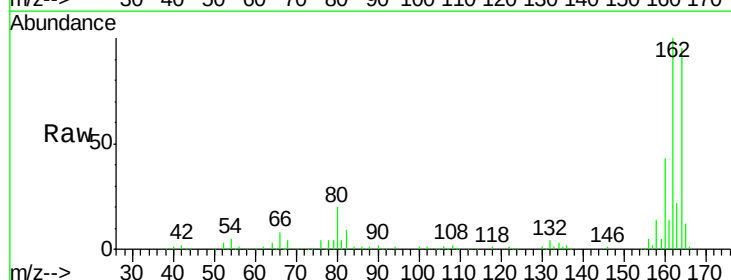
Tgt Ion:164 Resp: 185962

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

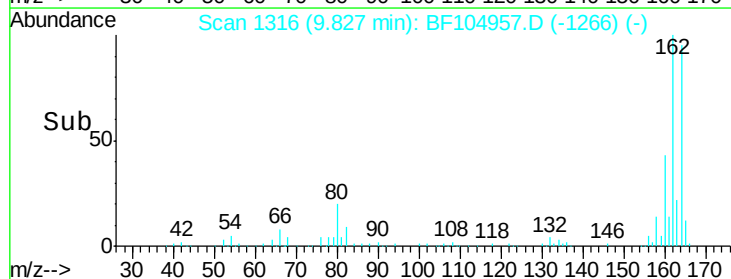
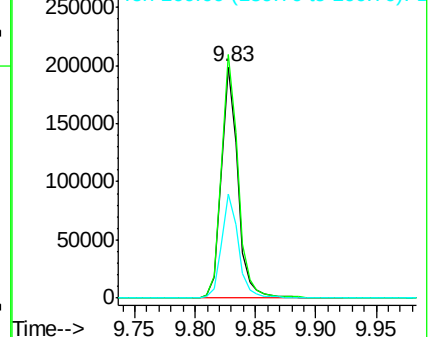
160 45.1 38.3 57.5

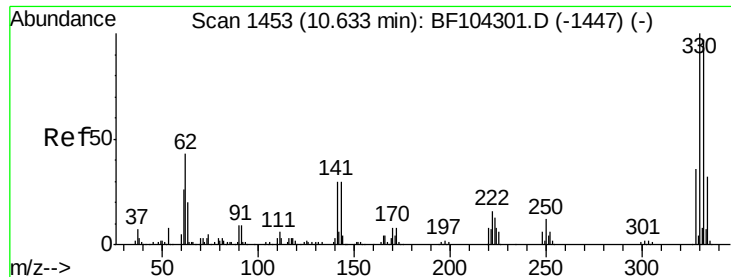


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

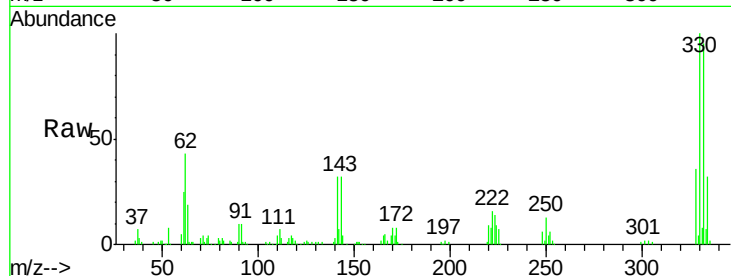




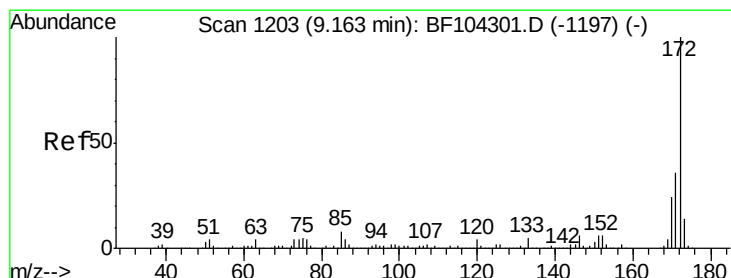
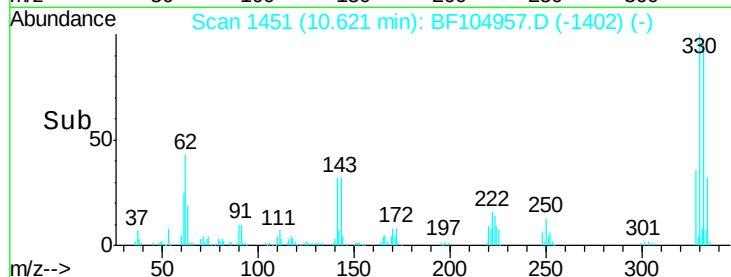
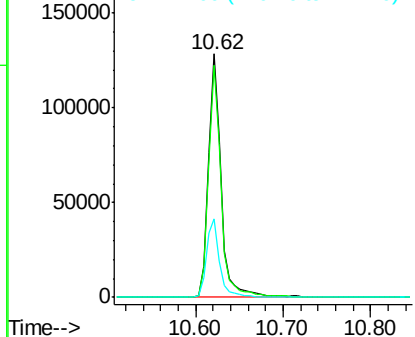
#41
 2,4,6-Tribromophenol
 Concen: 67.529 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104957.D
 Acq: 1 May 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108668BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.0	29.9	44.9

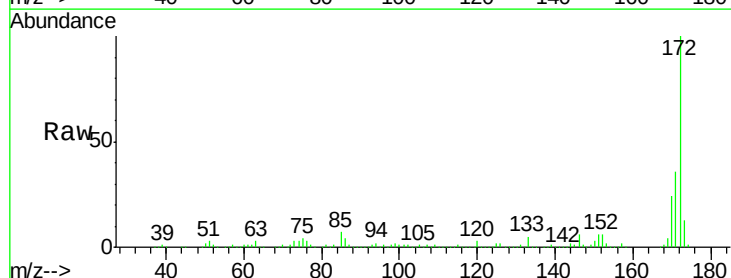


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

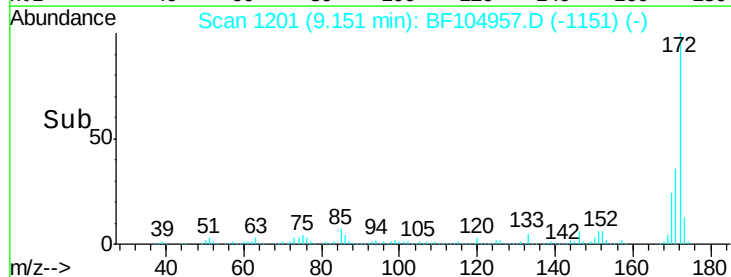
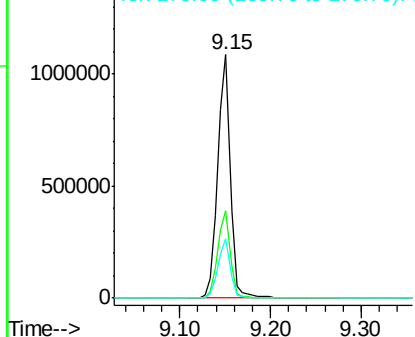


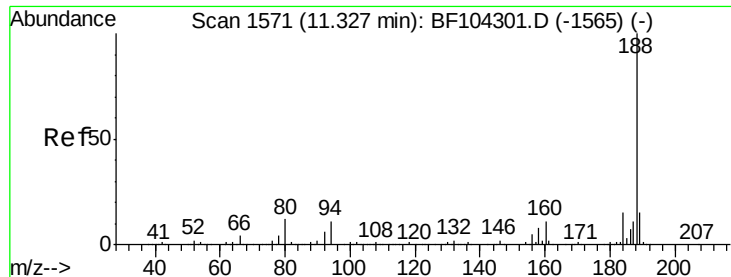
#44
 2-Fluorobiphenyl
 Concen: 88.284 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104957.D
 Acq: 1 May 2018 2:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	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

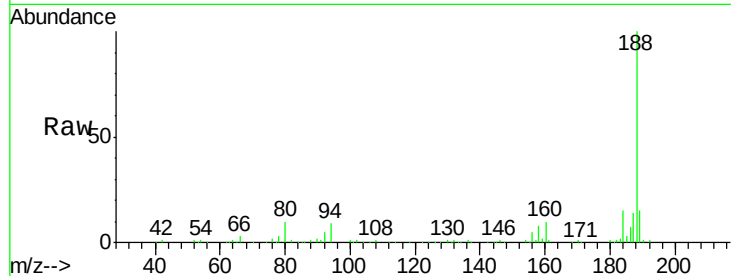




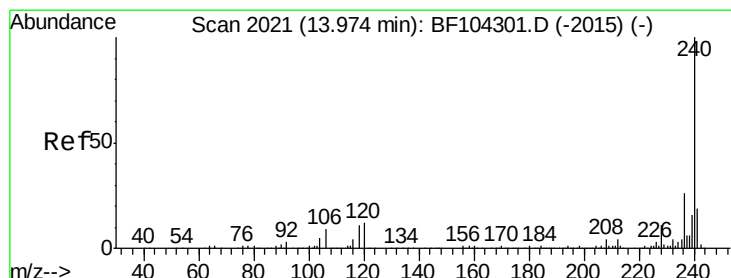
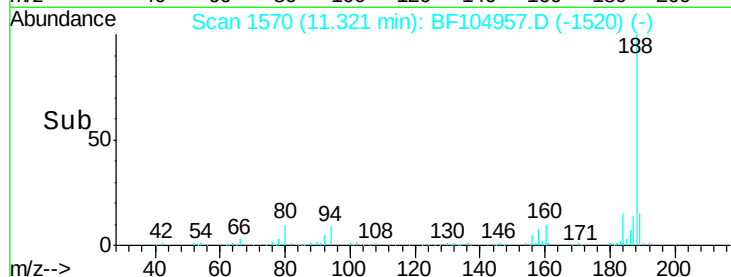
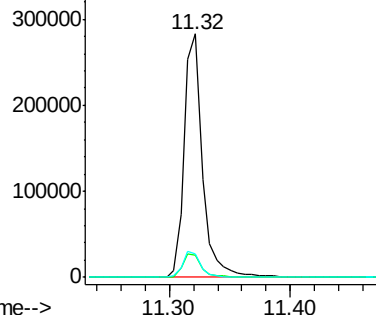
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104957.D
Acq: 1 May 2018 2:59

Instrument :
BNA_F
ClientSampleId :
PB108668BL

Tot Ion:188 Resp: 294173
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.5 9.2 13.8

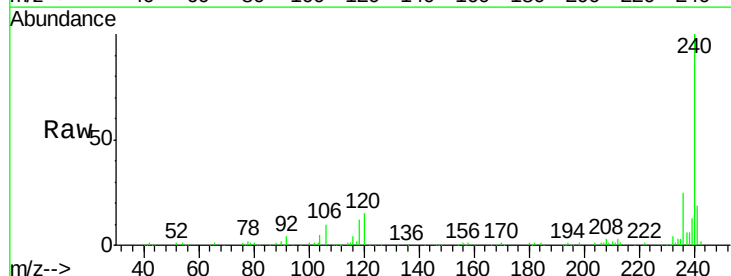


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

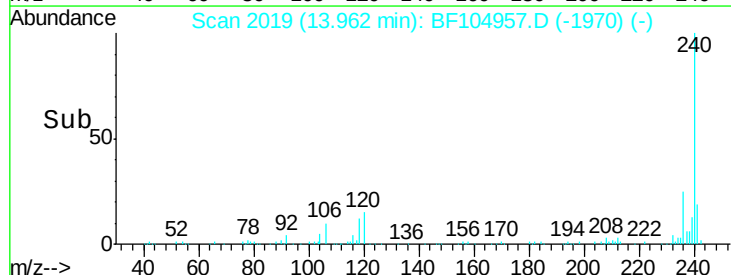
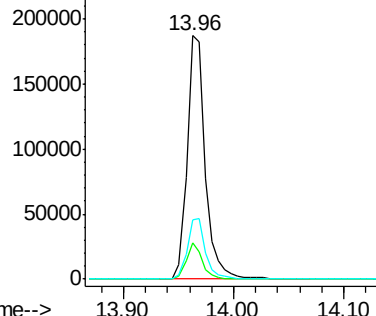


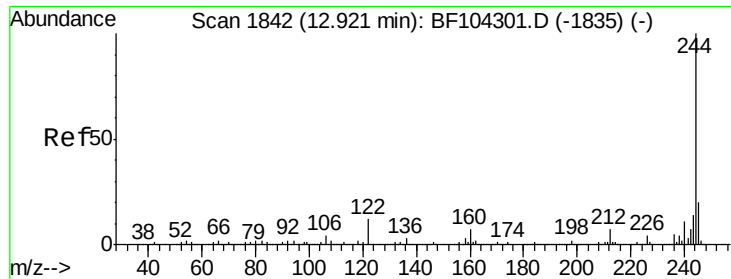
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104957.D
Acq: 1 May 2018 2:59

Tgt Ion:240 Resp: 211985
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 24.5 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: 86.449 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104957.D

Acq: 1 May 2018 2:59

Instrument :

BNA_F

ClientSampleId :

PB108668BL

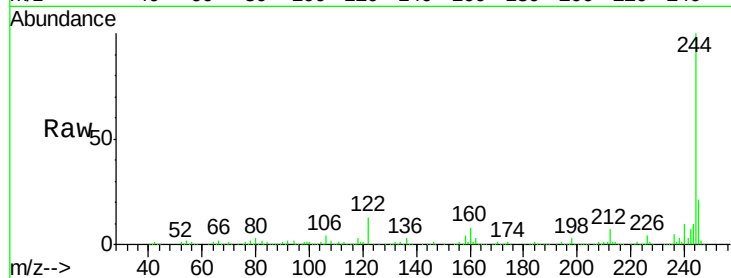
Tot Ion:244 Resp: 803831

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

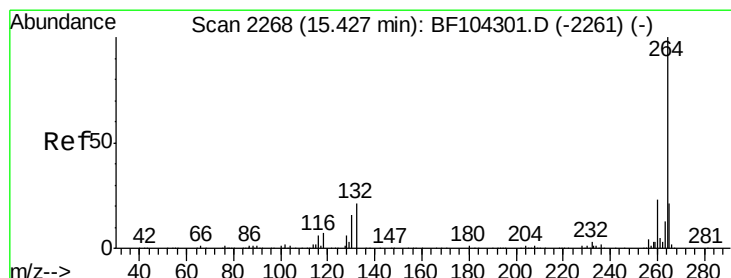
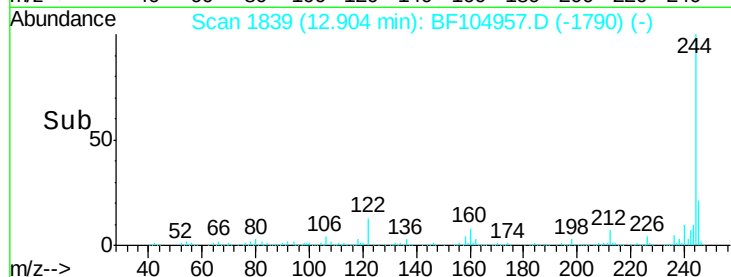
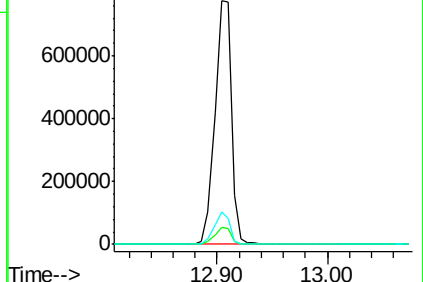
122 13.4 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF104957.D

Acq: 1 May 2018 2:59

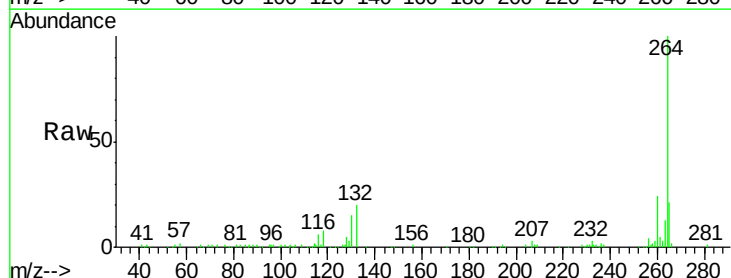
Tgt Ion:264 Resp: 172855

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.8 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

