

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104655.D
 Acq On : 20 Apr 2018 3:21
 Operator : JU/SJ
 Sample : PB108361BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108361BL

Quant Time: Apr 20 05:06:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127728	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	517137	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	216845	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	344511	20.00	ng	0.00
75) Chrysene-d12	13.97	240	268224	20.00	ng	-0.01
86) Perylene-d12	15.44	264	224600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	903788	108.19	ng	0.01
7) Phenol-d6	6.45	99	1107733	107.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	699581	88.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	233190	103.67	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1190125	86.70	ng	0.00
78) Terphenyl-d14	12.92	244	919895	78.19	ng	0.00

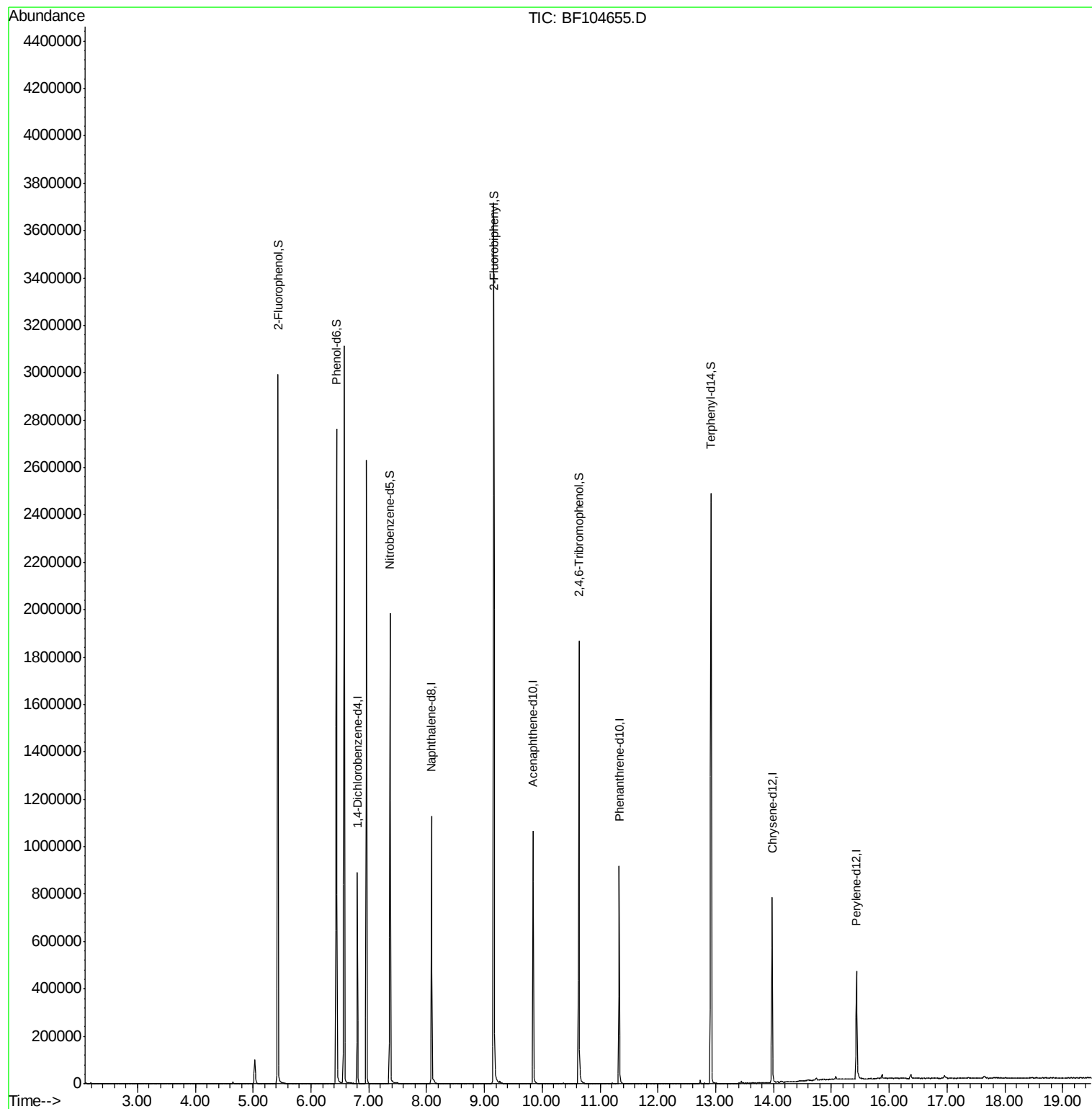
Target Compounds Qvalue

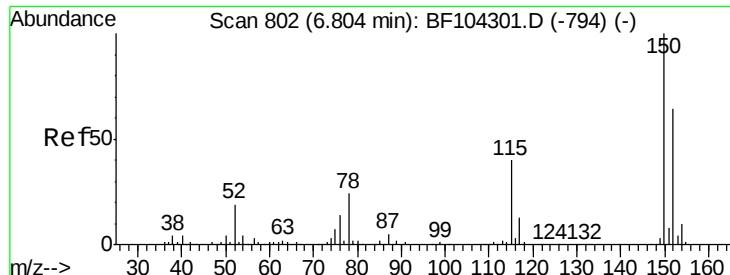
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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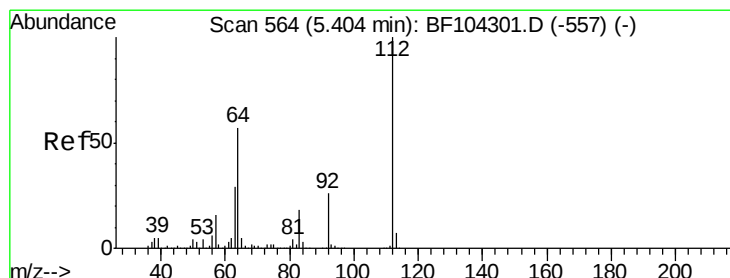
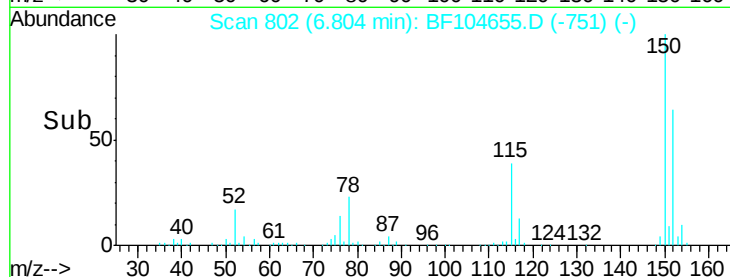
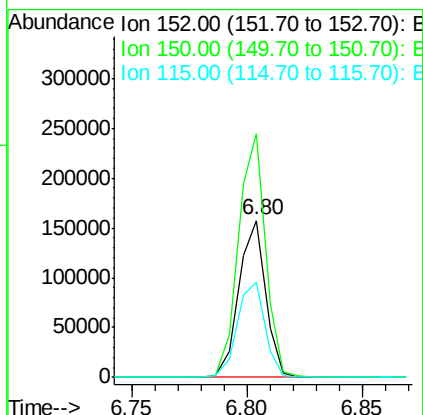
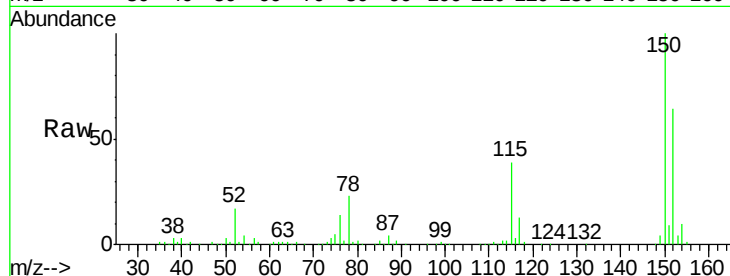


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104655.D
Acq: 20 Apr 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB108361BL

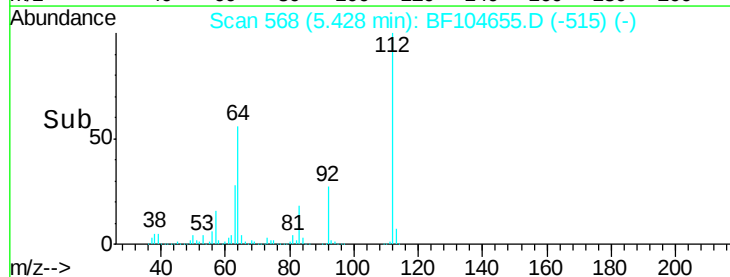
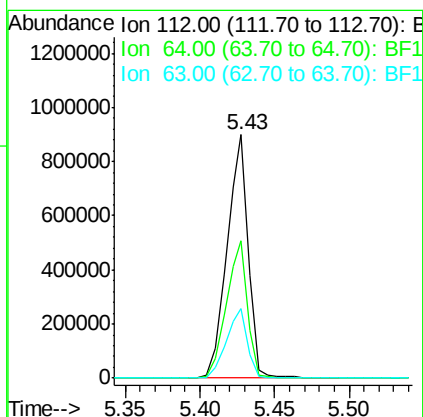
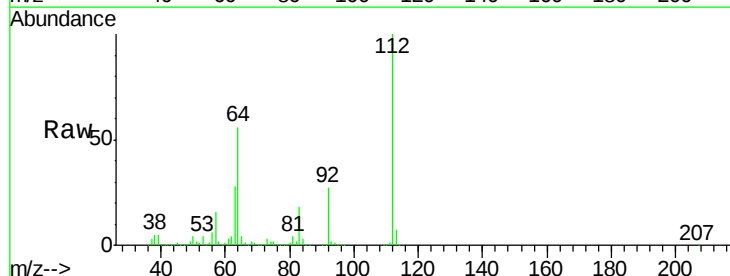
Tot Ion:152 Resp: 127728
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.0 50.1 75.1

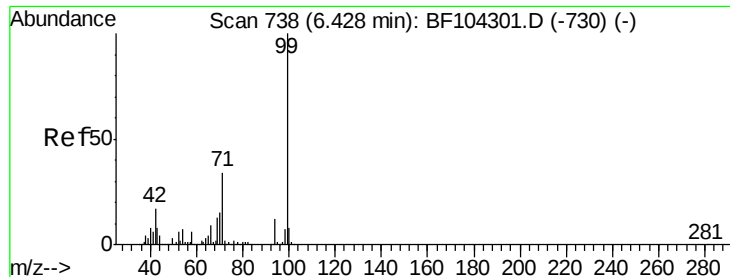


#5

2-Fluorophenol
Concen: 108.194 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104655.D
Acq: 20 Apr 2018 3:21

Tgt Ion:112 Resp: 903788
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 107.928 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104655.D

Acq: 20 Apr 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB108361BL

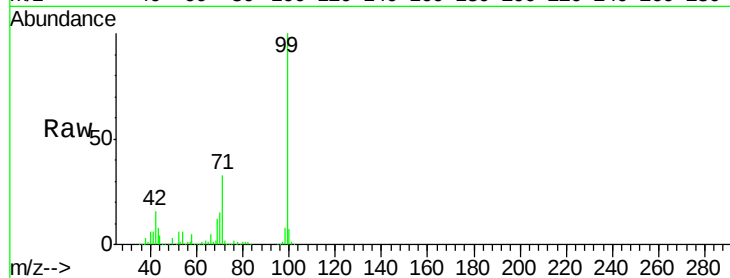
Tot Ion: 99 Resp: 1107733

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

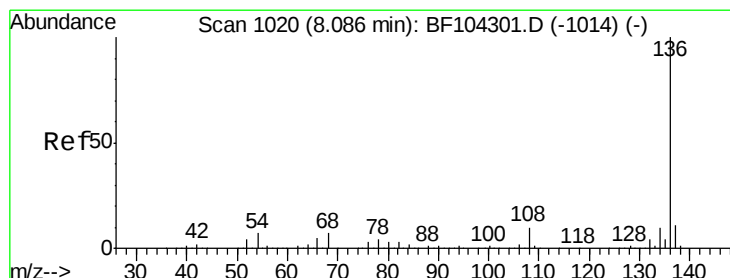
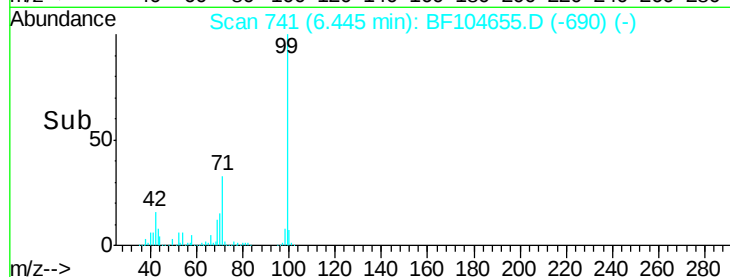
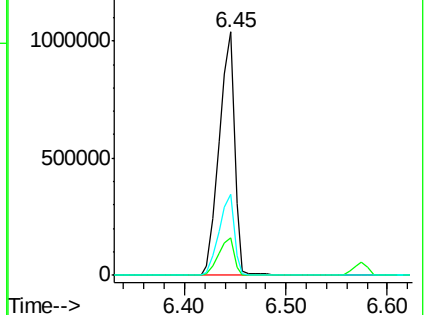
71 33.2 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104655.D

Acq: 20 Apr 2018 3:21

Tgt Ion: 136 Resp: 517137

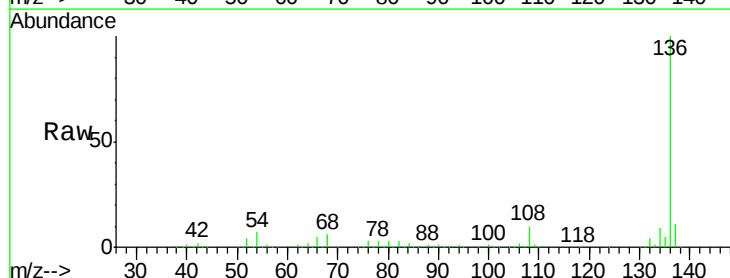
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

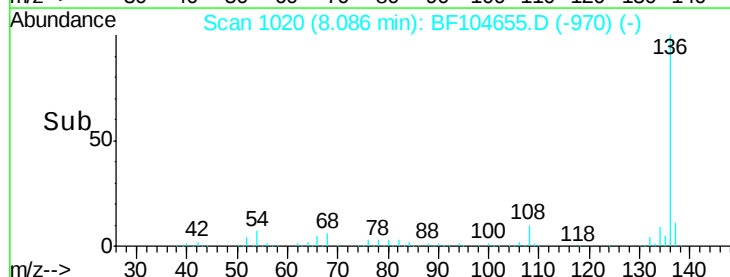
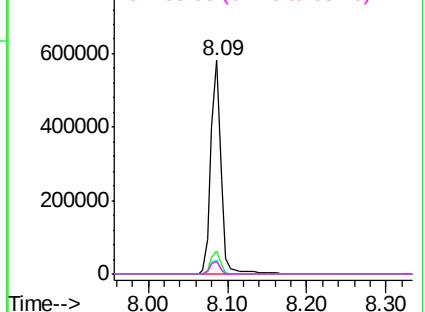


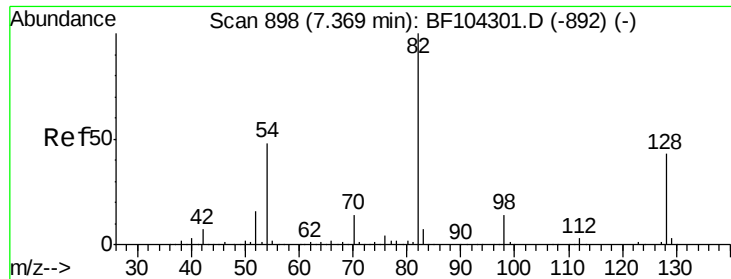
Abundance Ion 136.00 (135.70 to 136.70): E

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

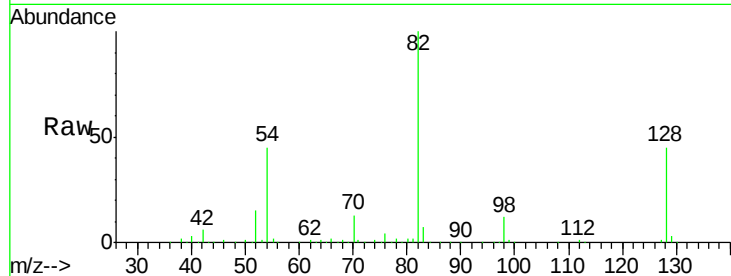




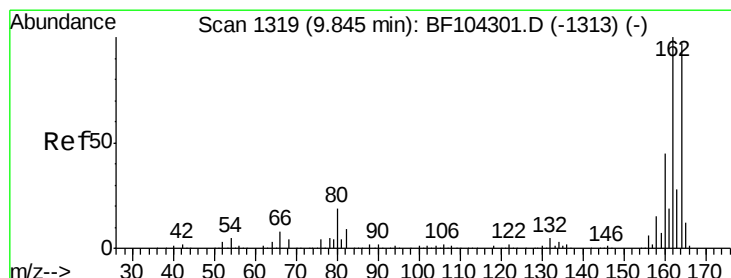
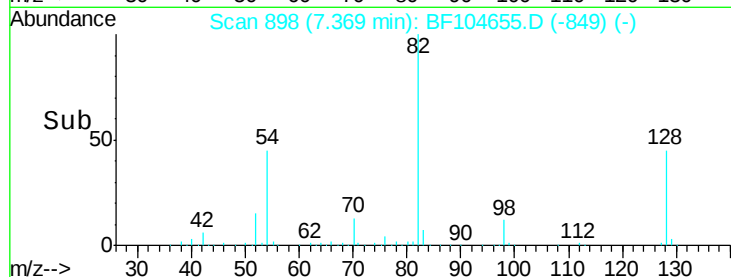
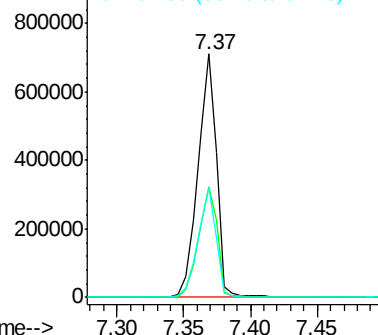
#23
 Nitrobenzene-d5
 Concen: 88.335 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104655.D
 Acq: 20 Apr 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108361BL

Tot Ion	82	Resp	699581
Ion Ratio	100	Lower	Upper
128	45.2	36.1	54.1
54	45.0	41.4	62.2

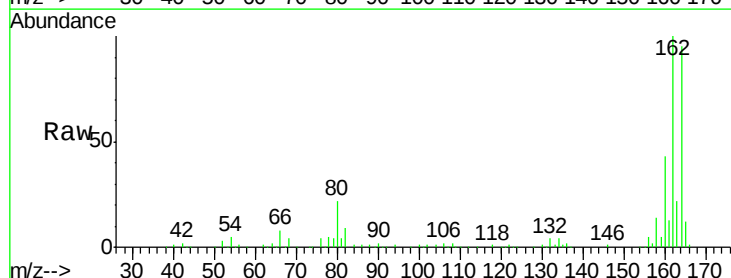


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

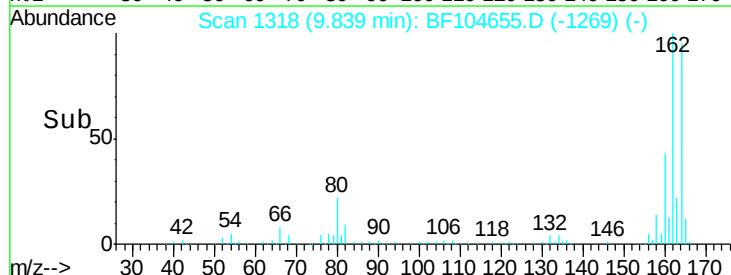
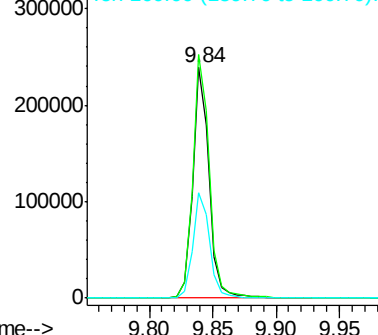


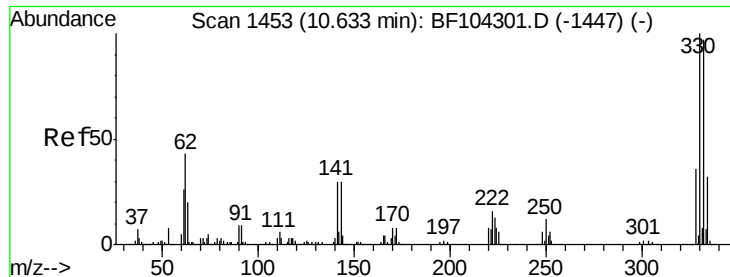
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104655.D
 Acq: 20 Apr 2018 3:21

Tgt Ion	164	Resp	216845
Ion Ratio	100	Lower	Upper
162	105.5	86.1	129.1
160	45.5	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: 103.668 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104655.D

Acq: 20 Apr 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB108361BL

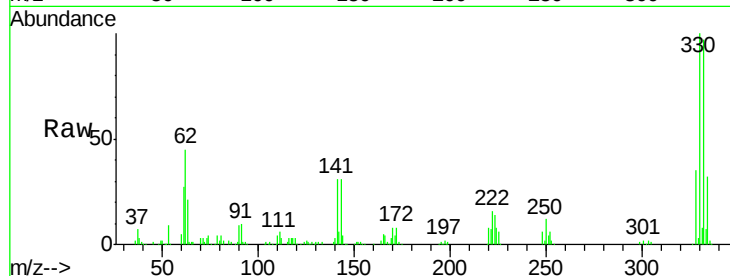
Tot Ion:330 Resp: 233190

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

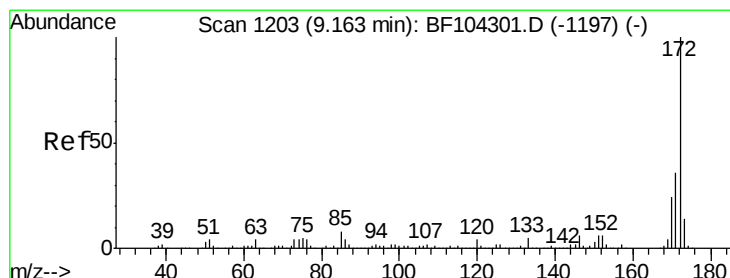
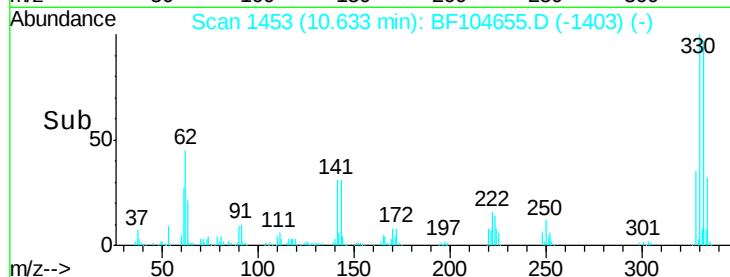
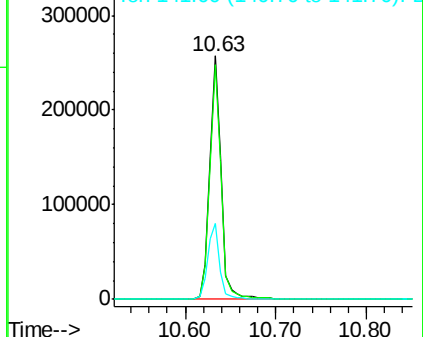
141 32.5 29.9 44.9



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: 86.703 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104655.D

Acq: 20 Apr 2018 3:21

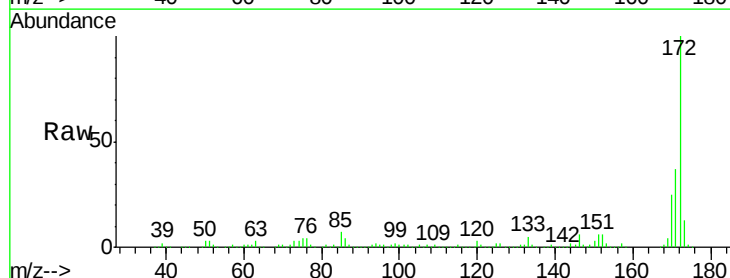
Tgt Ion:172 Resp: 1190125

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

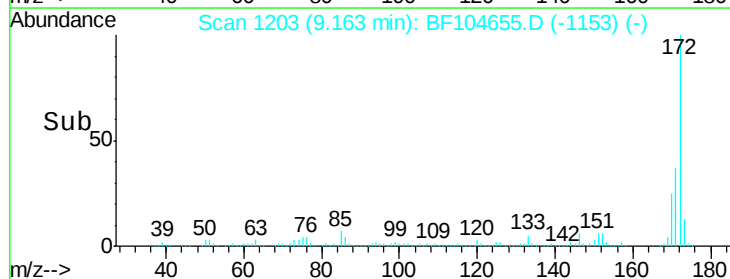
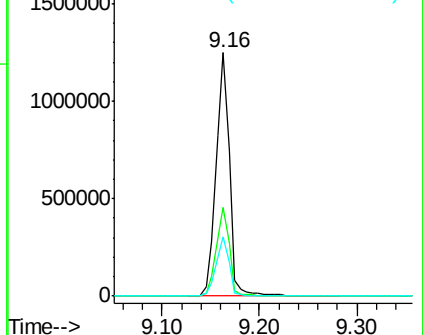
170 24.6 19.6 29.4

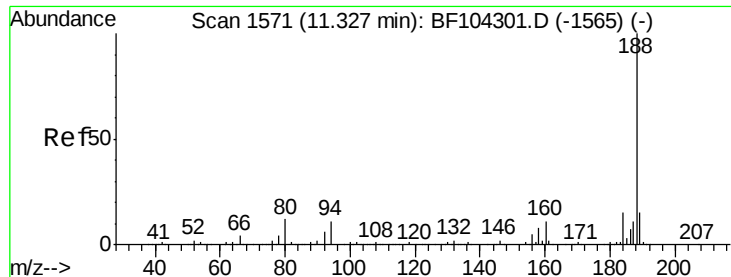


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

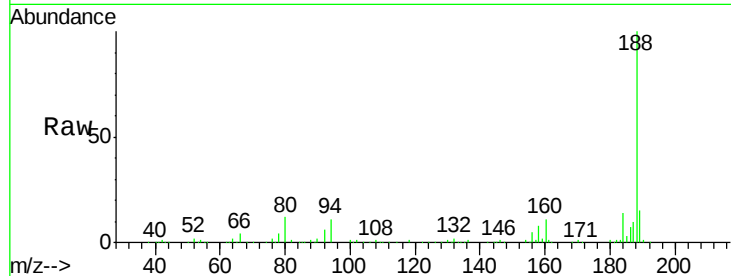




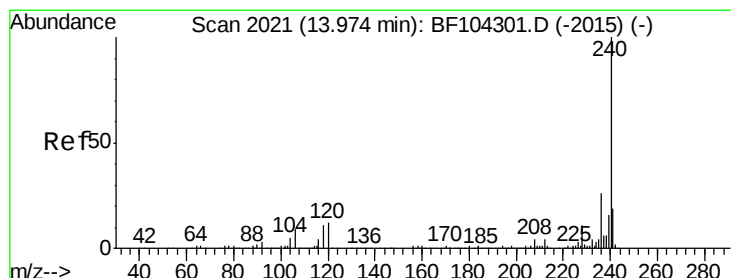
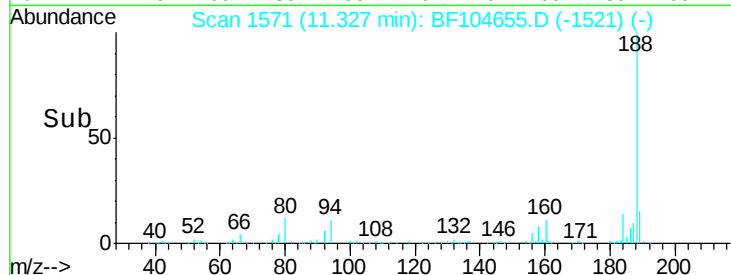
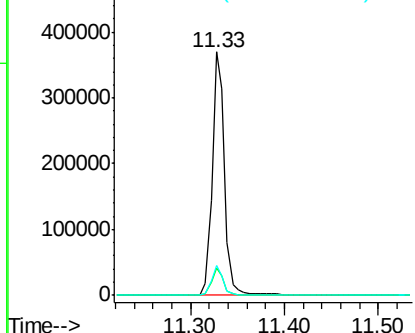
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104655.D
Acq: 20 Apr 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB108361BL

Tot Ion:188 Resp: 344511
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.1 9.2 13.8

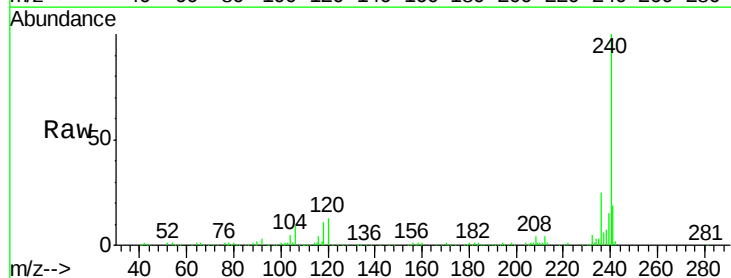


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

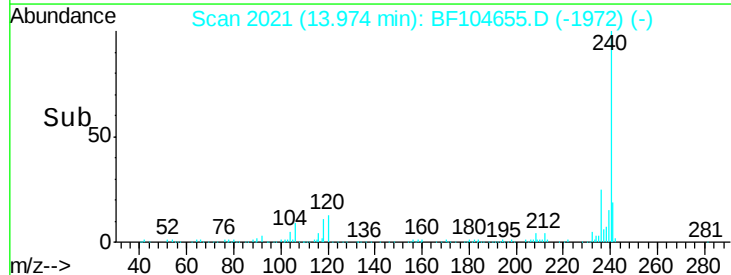
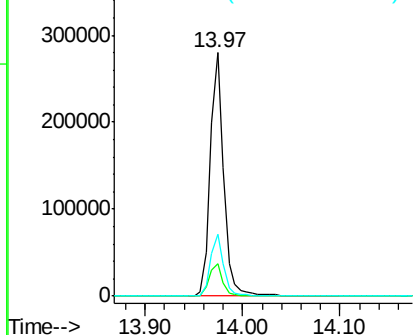


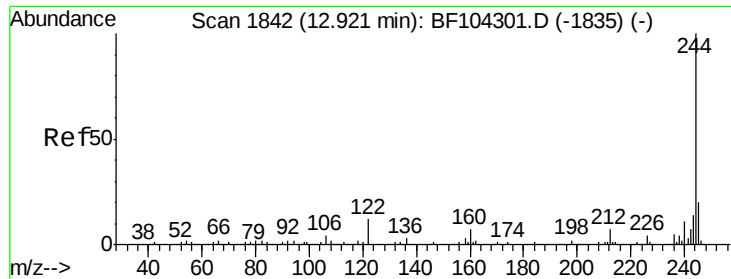
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104655.D
Acq: 20 Apr 2018 3:21

Tgt Ion:240 Resp: 268224
Ion Ratio Lower Upper
240 100
120 13.3 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

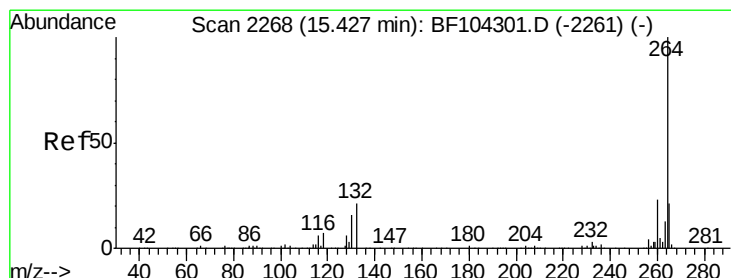
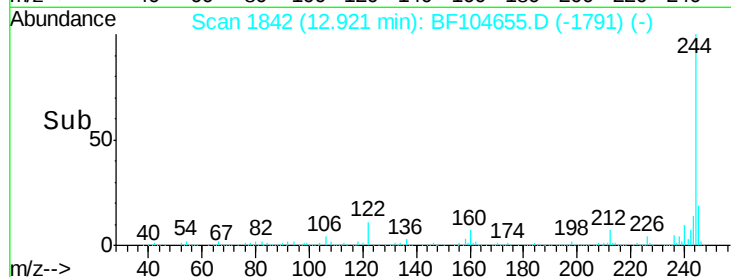
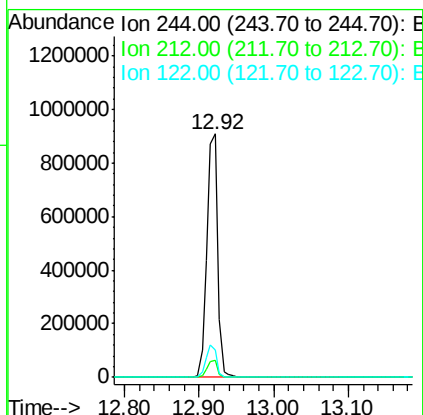
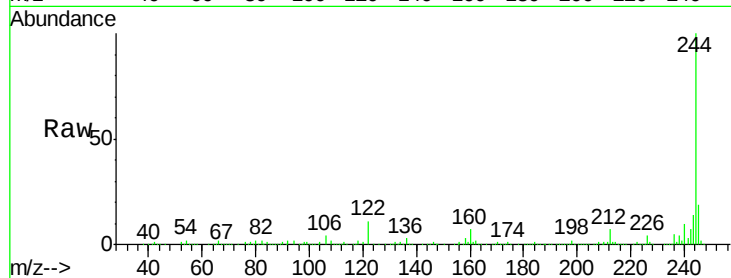




#78
 Terphenyl-d14
 Concen: 78.189 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104655.D
 Acq: 20 Apr 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108361BL

Tot Ion:244 Resp: 919895
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.2 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: BF104655.D
 Acq: 20 Apr 2018 3:21

Tgt Ion:264 Resp: 224600
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.5 26.3

