

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107572.D
 Acq On : 21 Jul 2018 13:22
 Operator : JU/SJ
 Sample : J4094-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-U-M

Quant Time: Jul 23 04:50:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	325427	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1231910	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	497968	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	840180	20.00	ng	0.00
75) Chrysene-d12	14.16	240	725409	20.00	ng	0.00
86) Perylene-d12	15.69	264	577970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	819911	40.51	ng	0.00
7) Phenol-d6	6.60	99	708475	29.15	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1772711	97.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	449997	79.47	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2867554	105.12	ng	0.00
78) Terphenyl-d14	13.10	244	2075255	73.24	ng	0.00

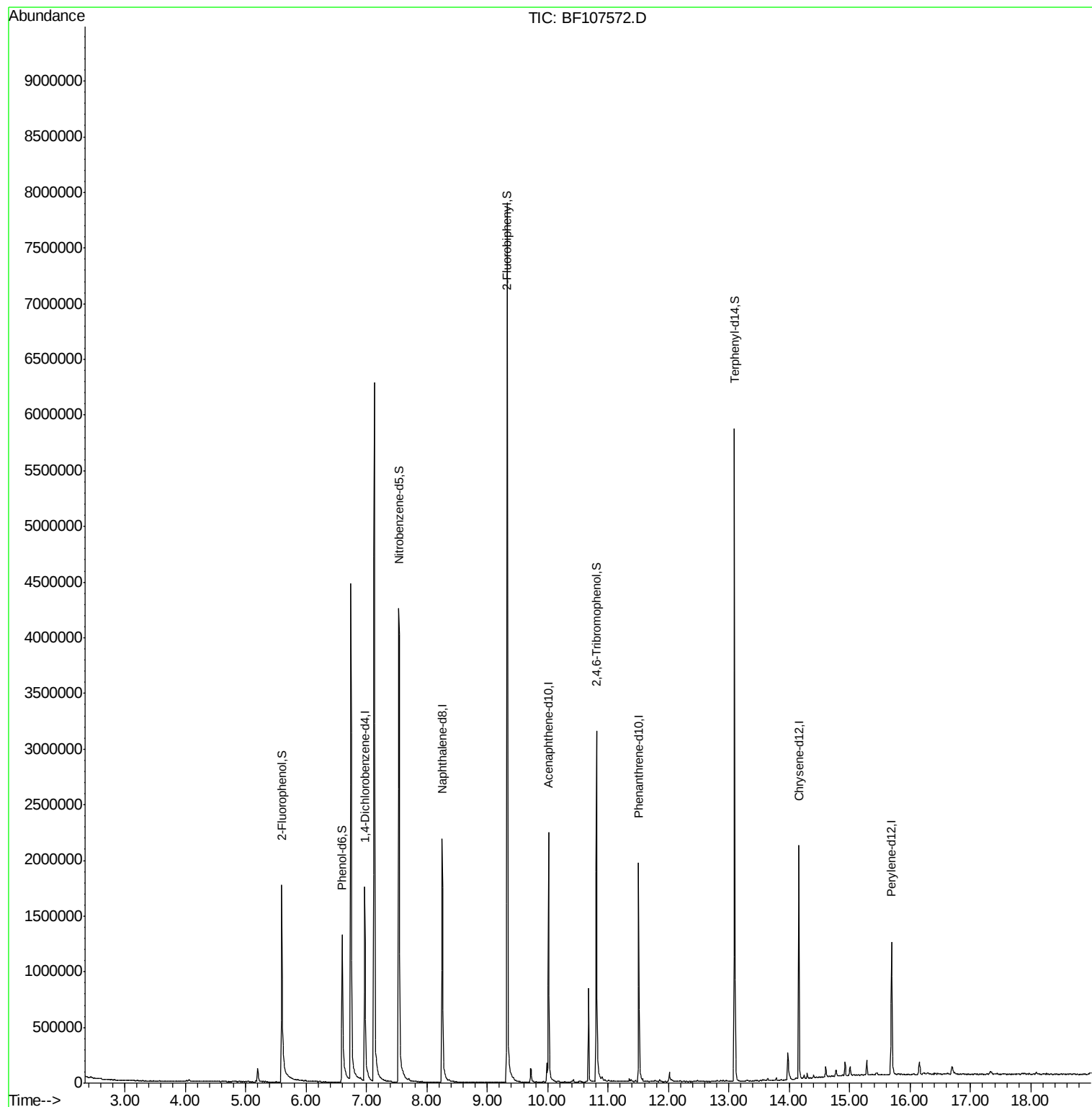
Target Compounds Qvalue

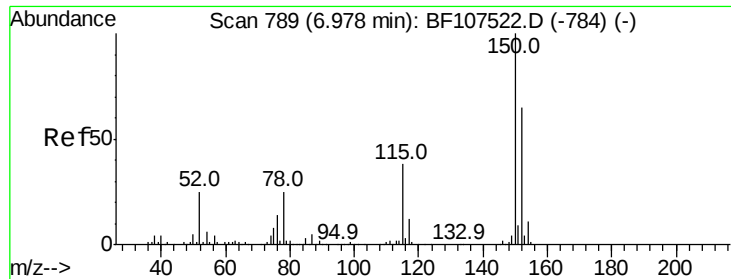
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107572.D
Acq On : 21 Jul 2018 13:22
Operator : JU/SJ
Sample : J4094-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-U-M

Quant Time: Jul 23 04:50:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



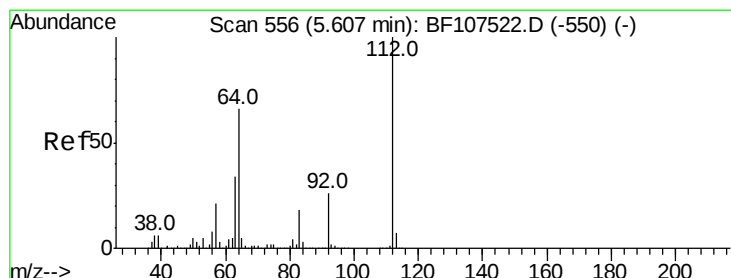
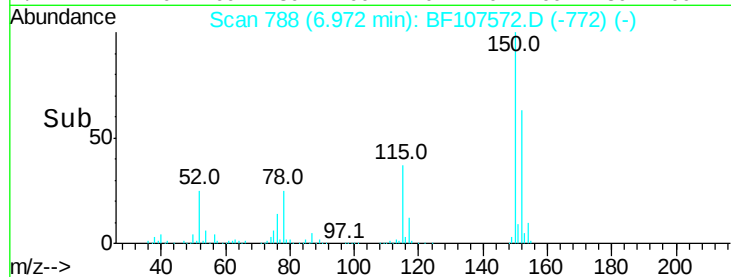
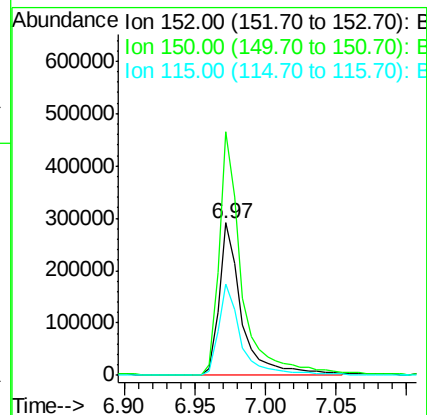
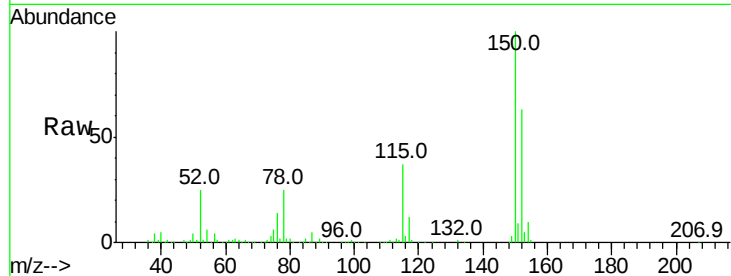


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-U-M

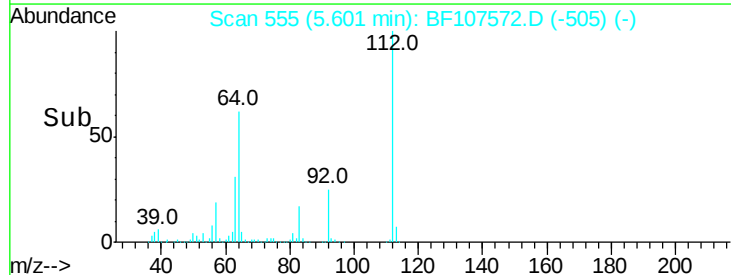
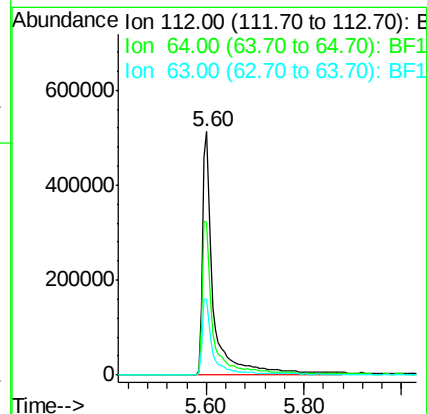
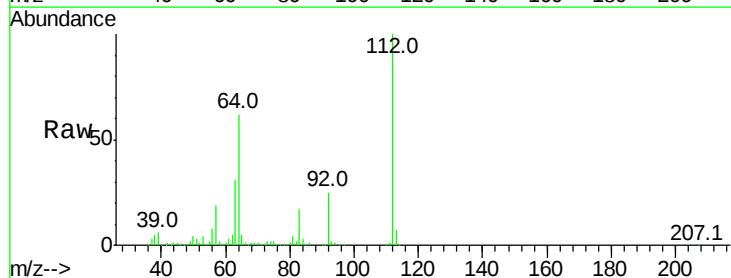
Tot Ion:152 Resp: 325427
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 59.7 50.1 75.1

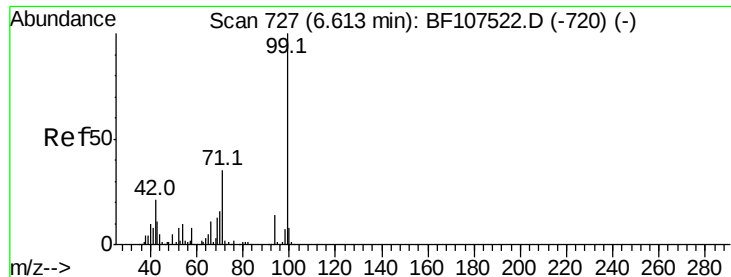


#5

2-Fluorophenol
Concen: 40.509 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Tgt Ion:112 Resp: 819911
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 29.151 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-M

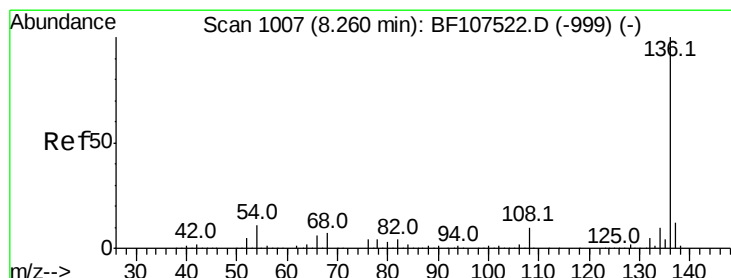
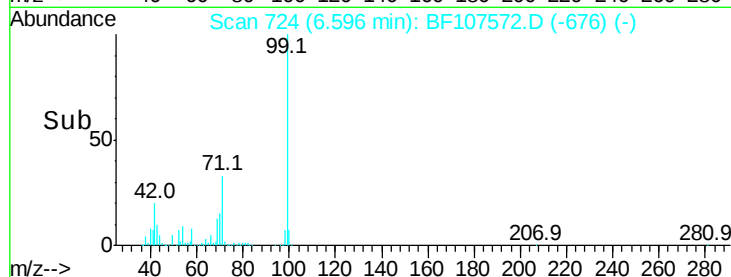
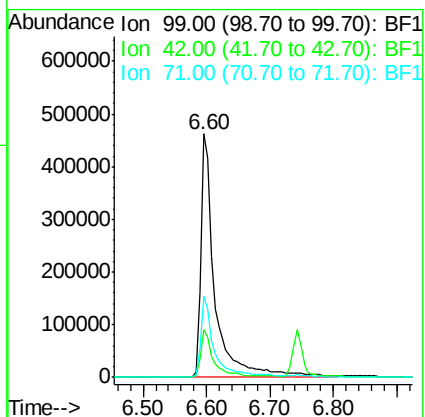
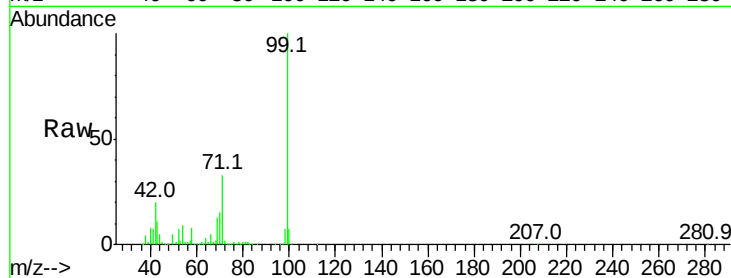
Tot Ion: 99 Resp: 708475

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 33.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Tgt Ion: 136 Resp: 1231910

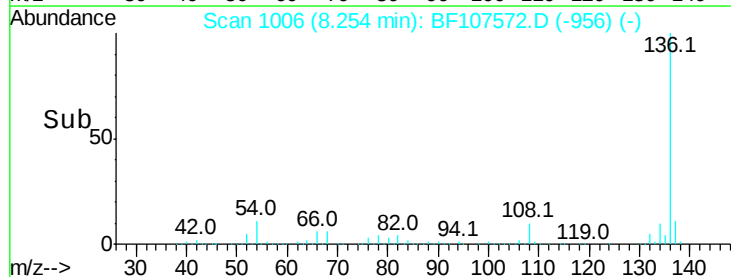
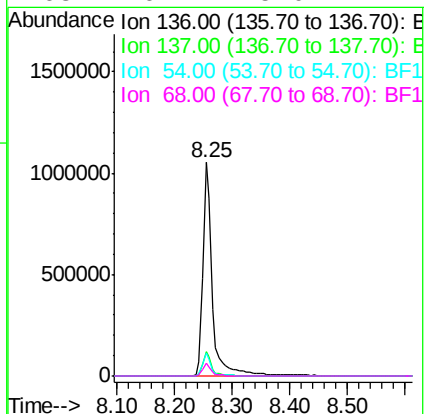
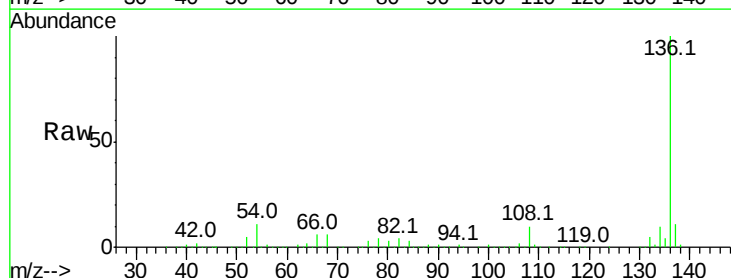
Ion Ratio Lower Upper

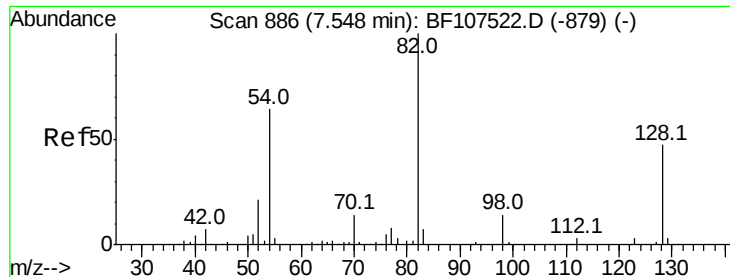
136 100

137 11.4 8.9 13.3

54 10.7 6.6 9.8#

68 6.2 5.0 7.4

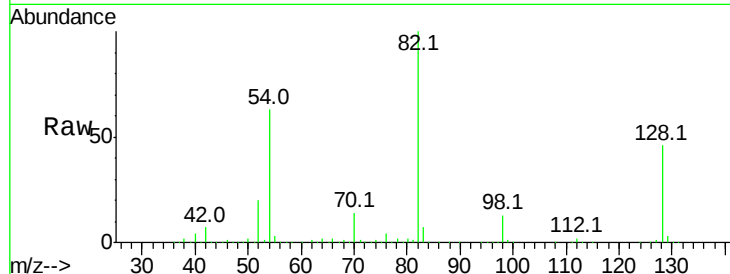




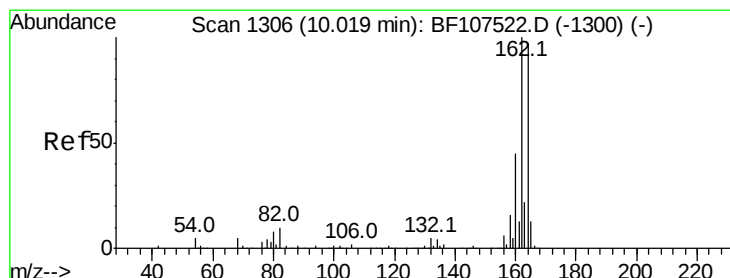
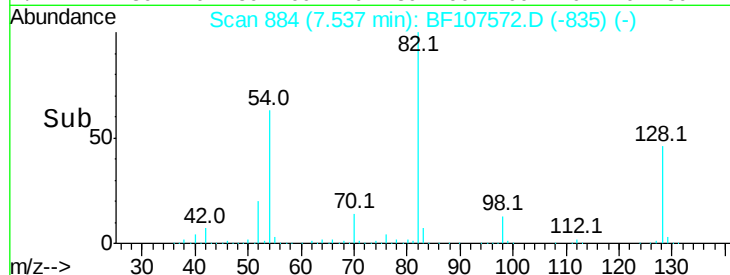
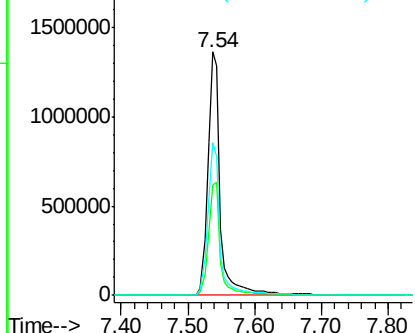
#23
Nitrobenzene-d5
Concen: 97.114 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-U-M

Tot Ion: 82 Resp: 1772711
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 62.7 41.4 62.2#

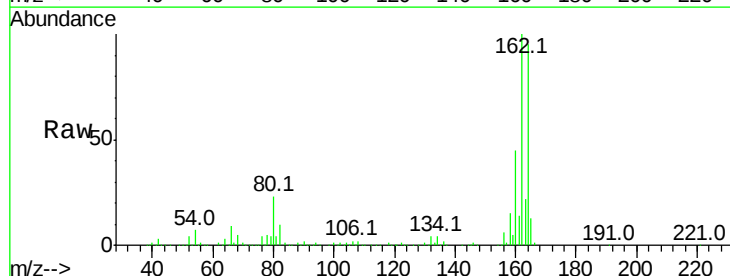


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

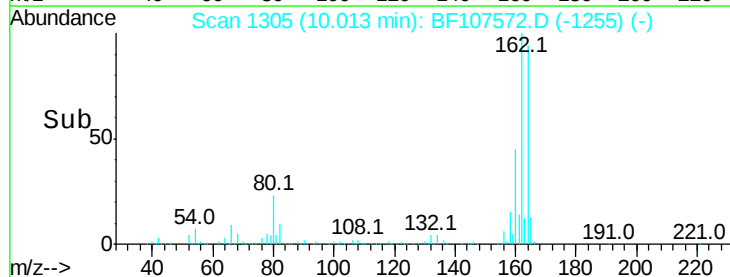
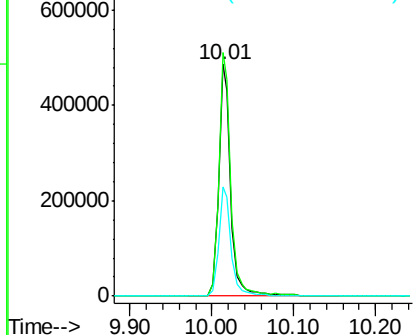


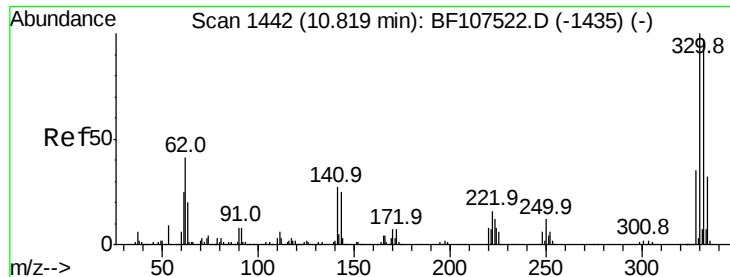
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Tgt Ion:164 Resp: 497968
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 47.3 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

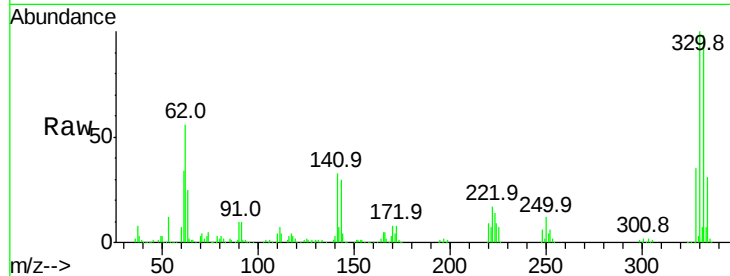




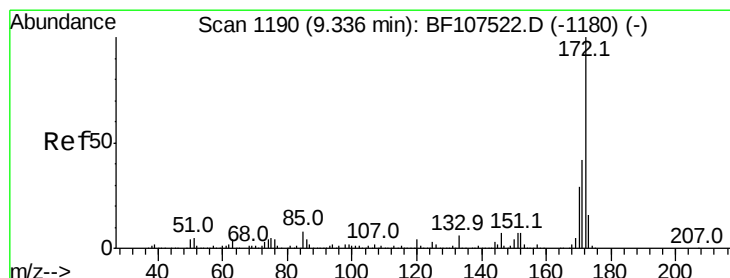
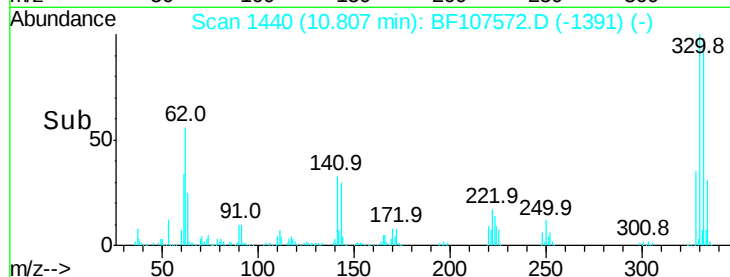
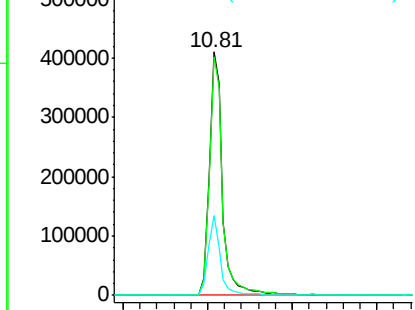
#41
 2,4,6-Tribromophenol
 Concen: 79.467 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-U-M

Tot Ion:330 Resp: 449997
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 30.5 29.9 44.9

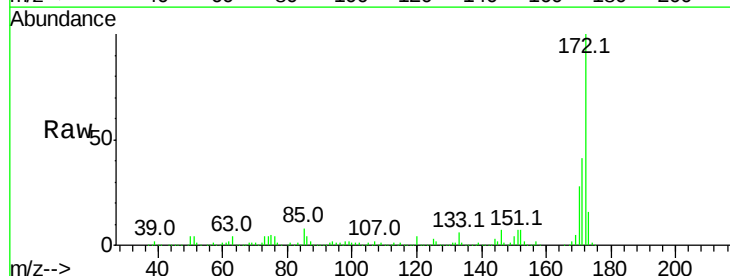


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

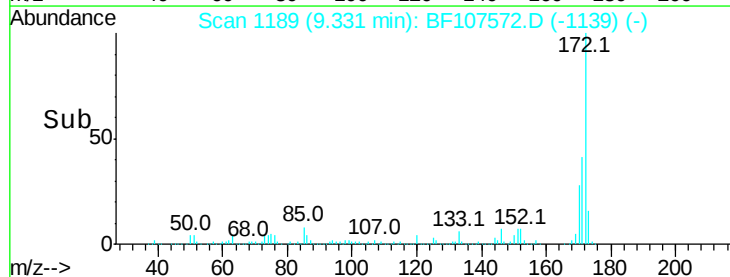
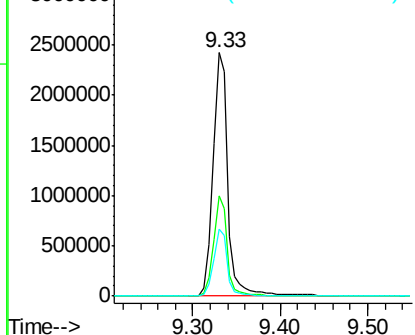


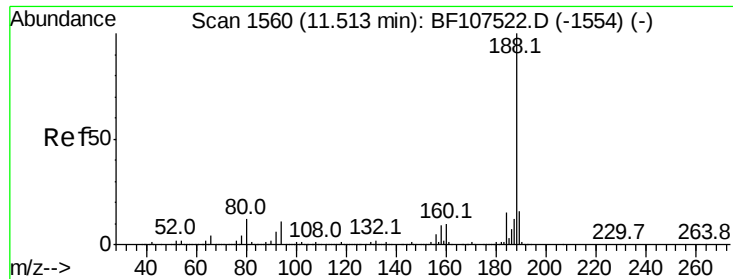
#44
 2-Fluorobiphenyl
 Concen: 105.122 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

Tgt Ion:172 Resp: 2867554
 Ion Ratio Lower Upper
 172 100
 171 41.4 29.7 44.5
 170 27.7 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: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-M

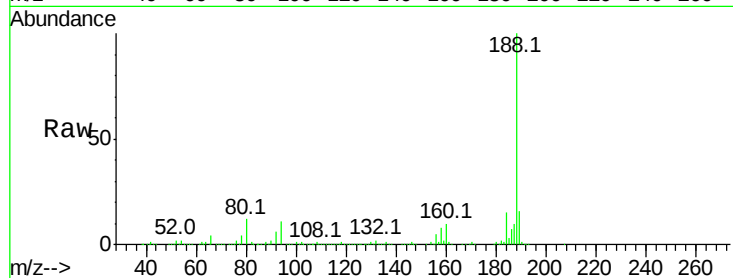
Tot Ion:188 Resp: 840180

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

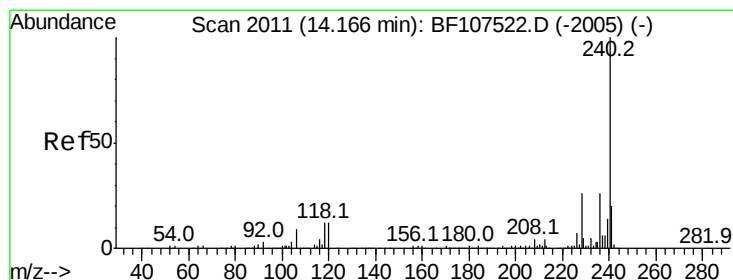
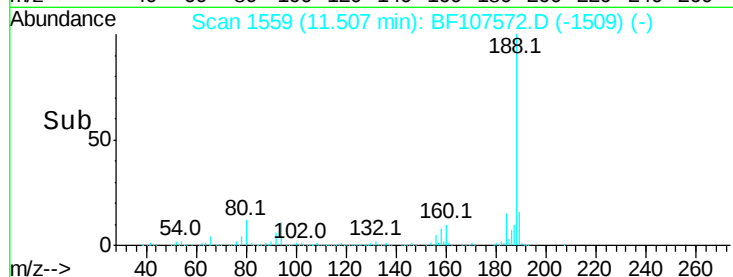
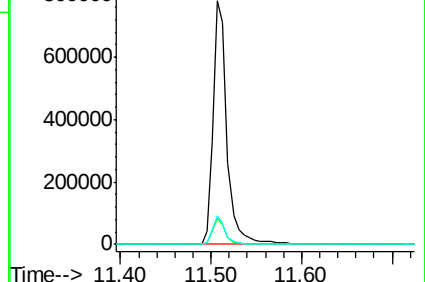
80 11.8 9.2 13.8



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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

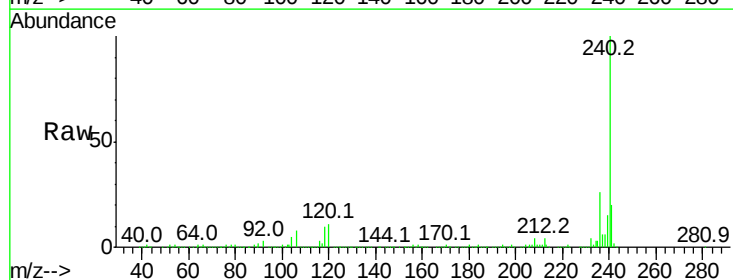
Tgt Ion:240 Resp: 725409

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

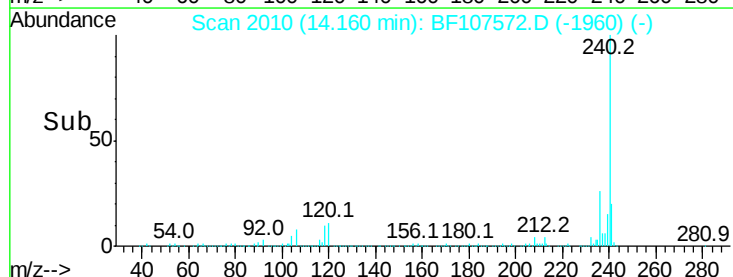
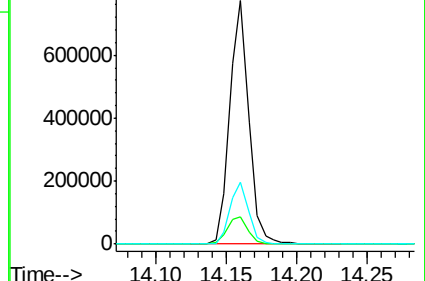
236 25.6 20.7 31.1

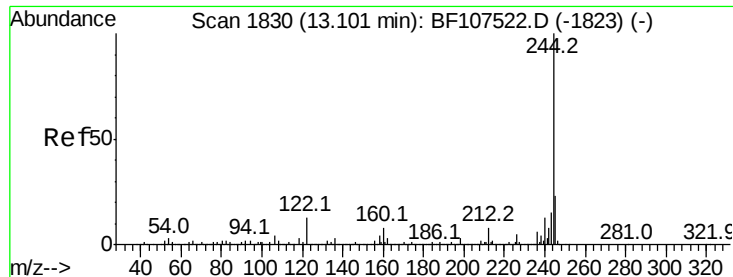


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.239 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-M

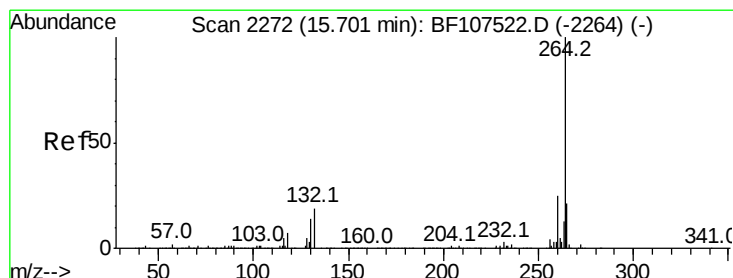
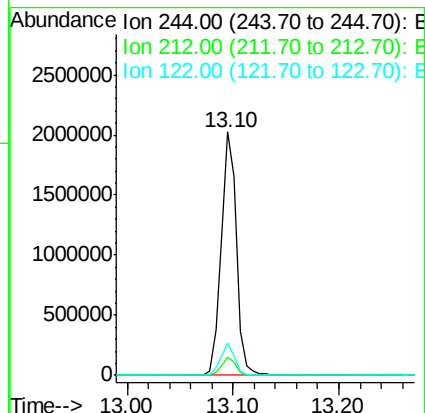
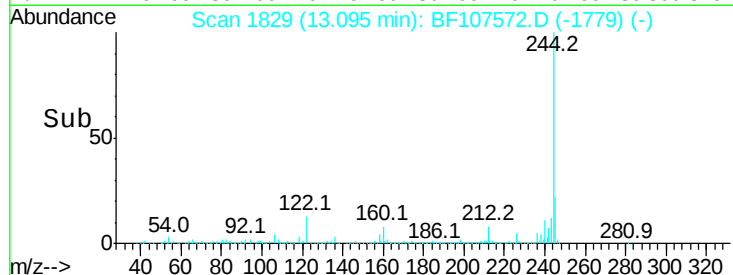
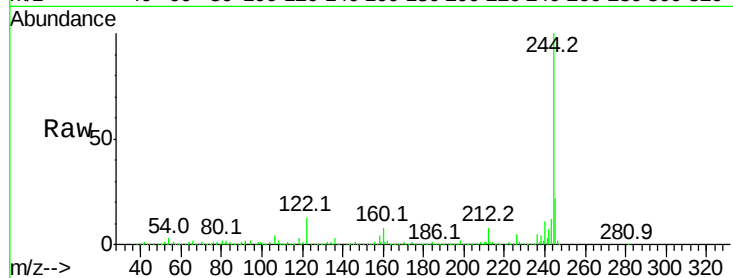
Tot Ion:244 Resp: 2075255

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

122 13.2 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Tgt Ion:264 Resp: 577970

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 17.5 26.3

