

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107571.D
 Acq On : 21 Jul 2018 12:55
 Operator : JU/SJ
 Sample : J4094-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Jul 23 04:48:51 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	363135	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1299049	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	490137	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	817922	20.00	ng	0.00
75) Chrysene-d12	14.16	240	804177	20.00	ng	0.00
86) Perylene-d12	15.69	264	638789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	915449	40.53	ng	0.00
7) Phenol-d6	6.60	99	756380	27.89	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1885521	97.96	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	433021	77.69	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2894575	109.21	ng	0.00
78) Terphenyl-d14	13.10	244	2188742	69.68	ng	0.00

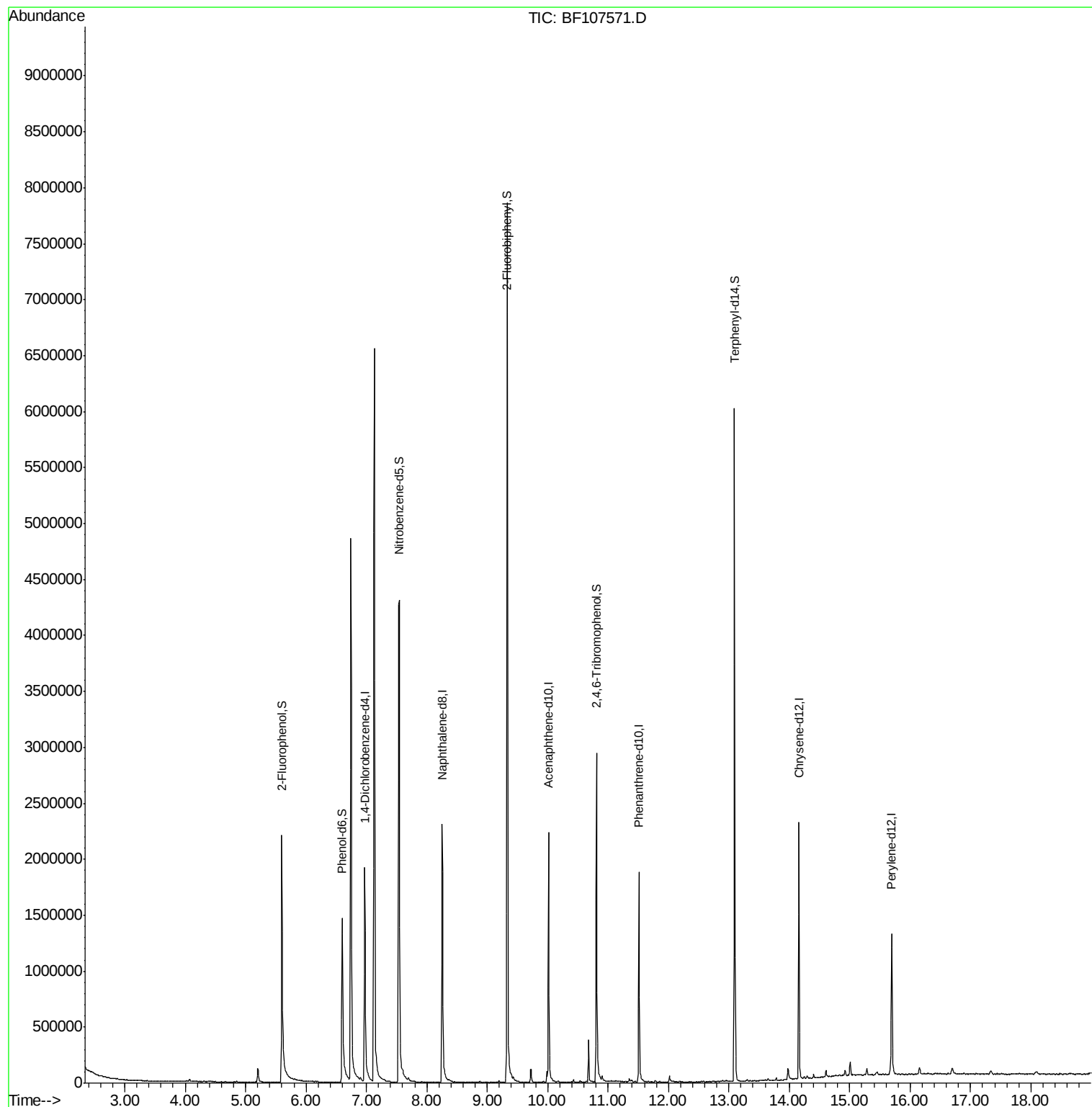
Target Compounds Qvalue

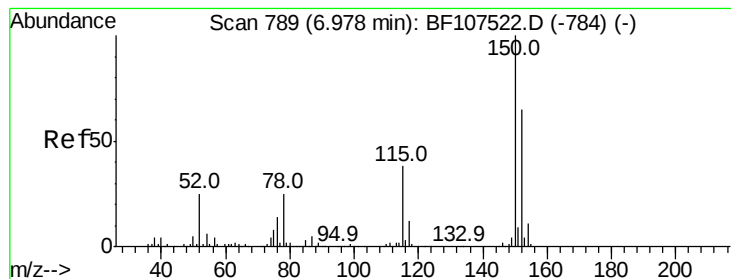
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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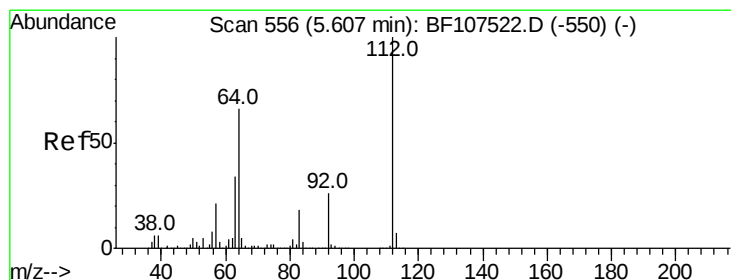
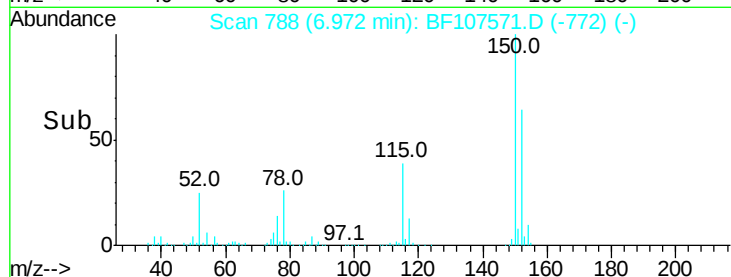
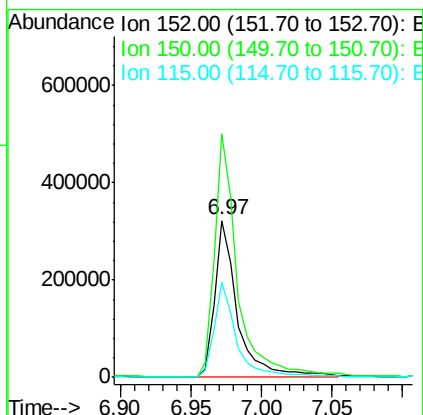
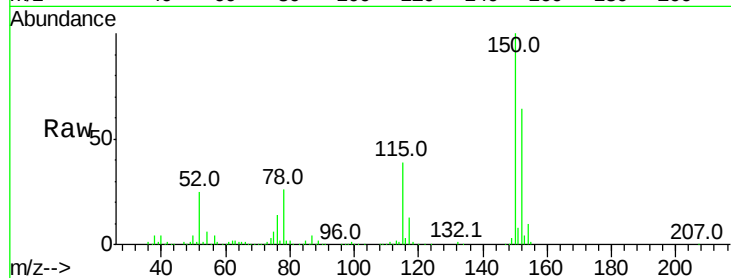


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107571.D
Acq: 21 Jul 2018 12:55

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

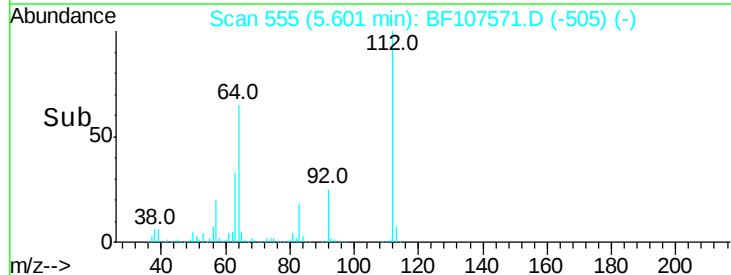
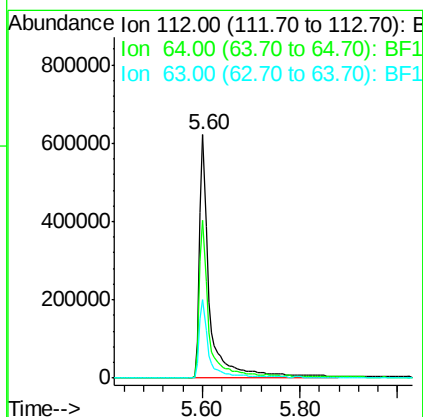
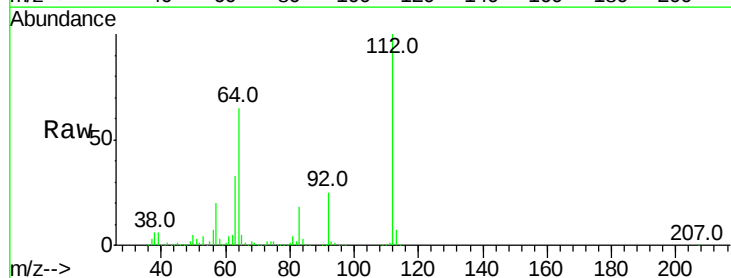
Tot Ion:152 Resp: 363135
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.4 50.1 75.1

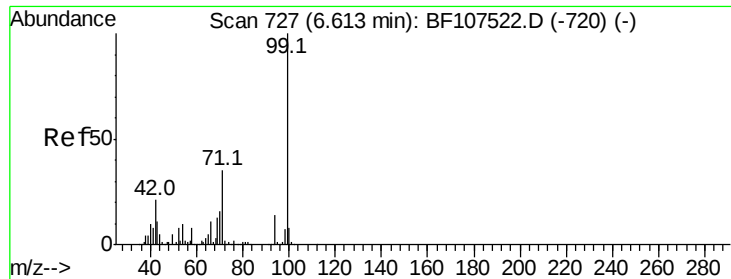


#5

2-Fluorophenol
Concen: 40.532 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107571.D
Acq: 21 Jul 2018 12:55

Tgt Ion:112 Resp: 915449
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 27.891 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107571.D

Acq: 21 Jul 2018 12:55

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-B

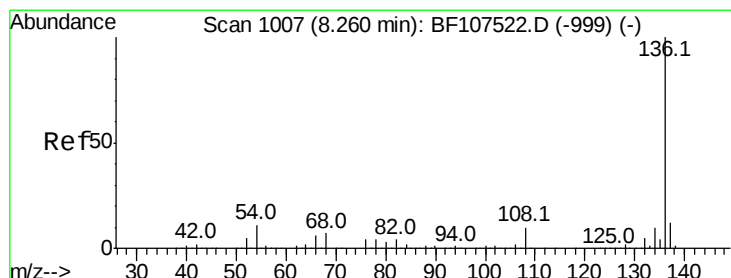
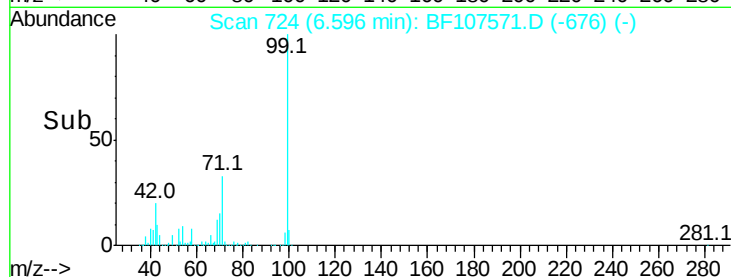
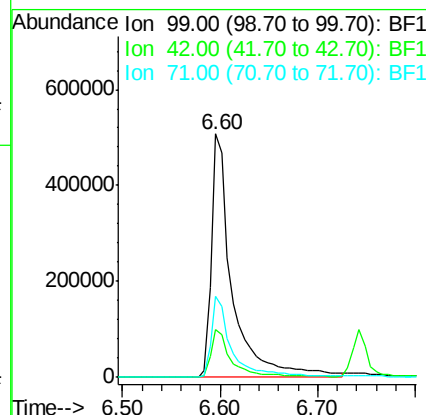
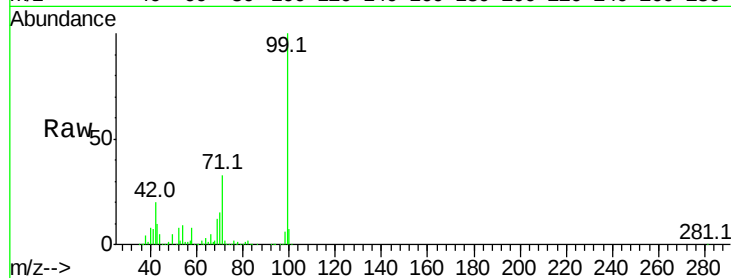
Tot Ion: 99 Resp: 756380

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 33.3 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: BF107571.D

Acq: 21 Jul 2018 12:55

Tgt Ion: 136 Resp: 1299049

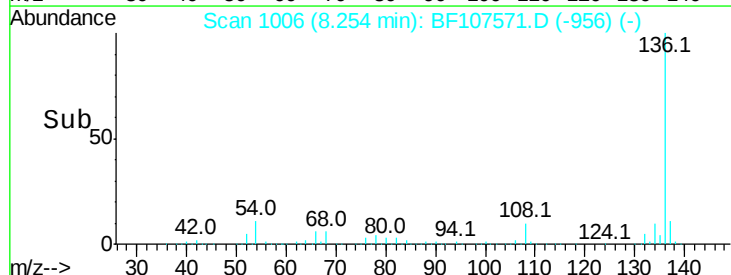
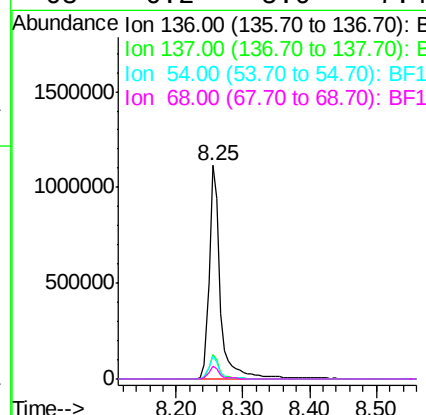
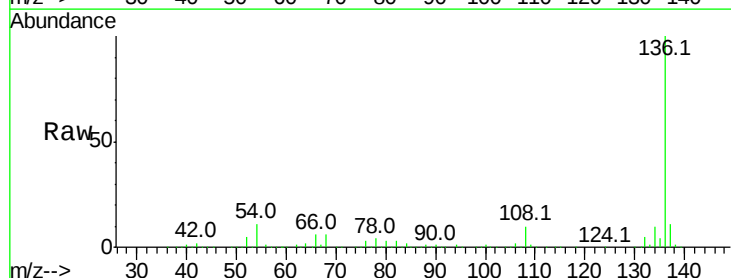
Ion Ratio Lower Upper

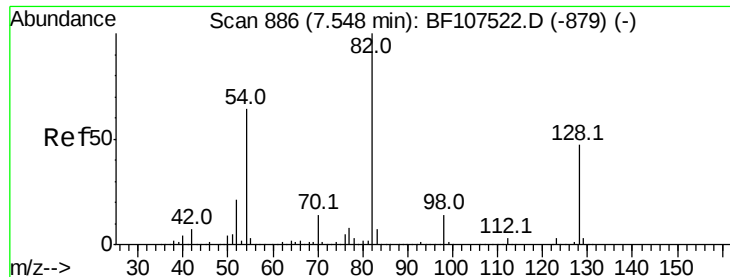
136 100

137 11.4 8.9 13.3

54 10.8 6.6 9.8#

68 6.2 5.0 7.4

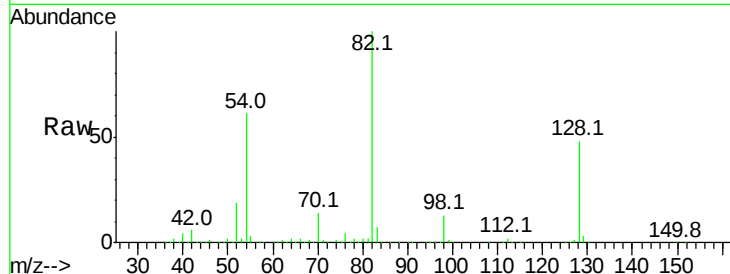




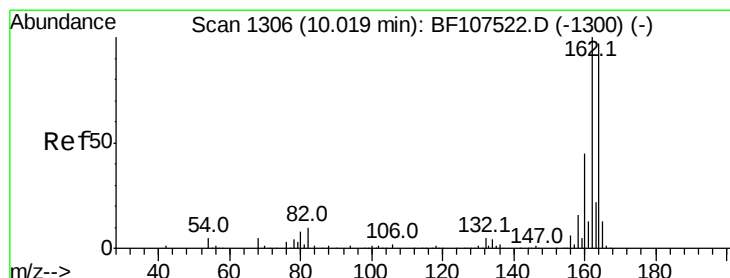
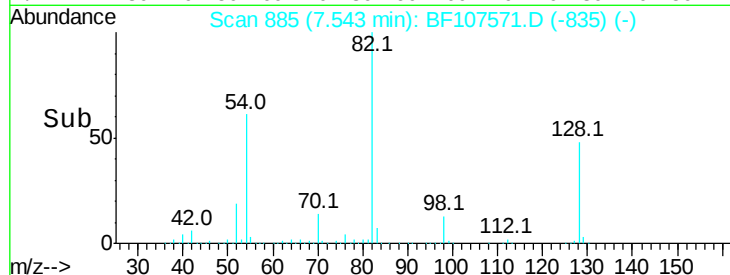
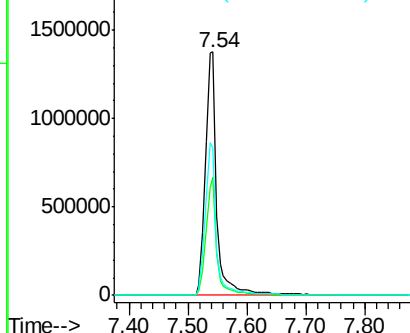
#23
Nitrobenzene-d5
Concen: 97.956 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107571.D
Acq: 21 Jul 2018 12:55

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

Tot Ion: 82 Resp: 188521
Ion Ratio Lower Upper
82 100
128 48.4 36.1 54.1
54 60.6 41.4 62.2

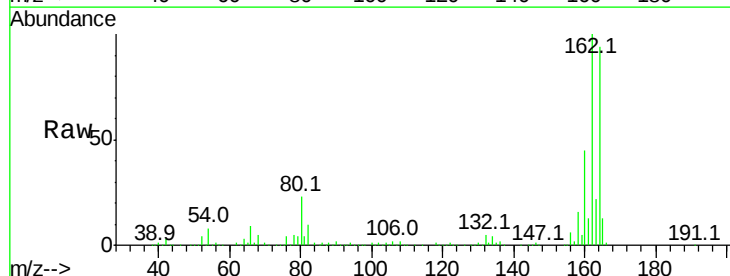


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

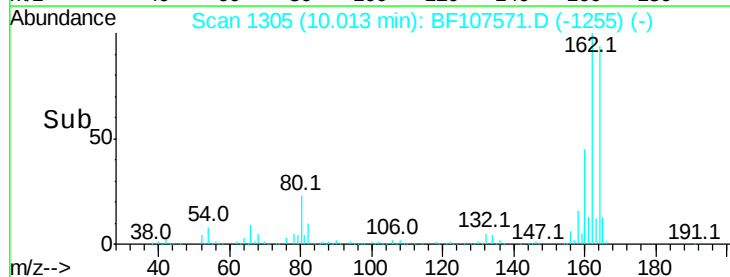
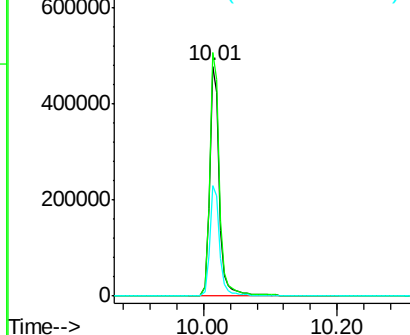


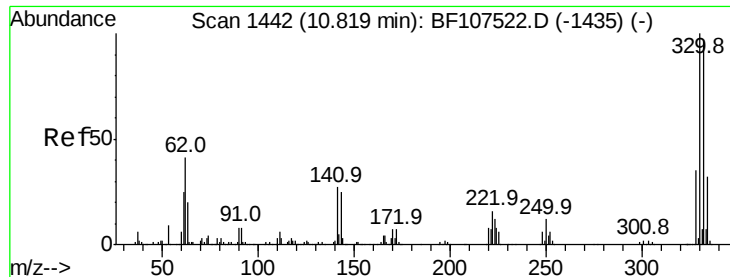
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107571.D
Acq: 21 Jul 2018 12:55

Tgt Ion:164 Resp: 490137
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 48.0 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

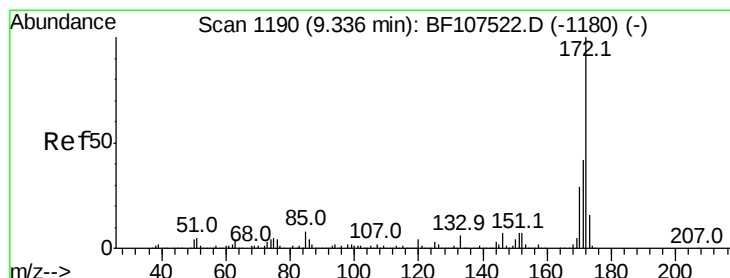
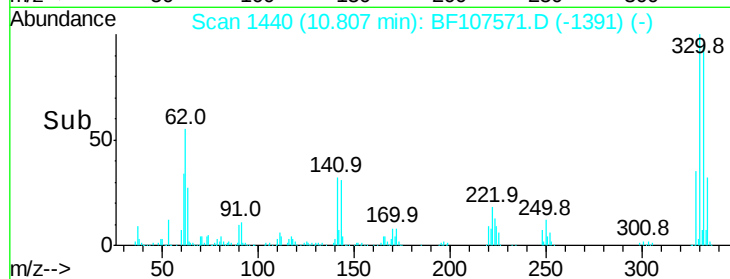
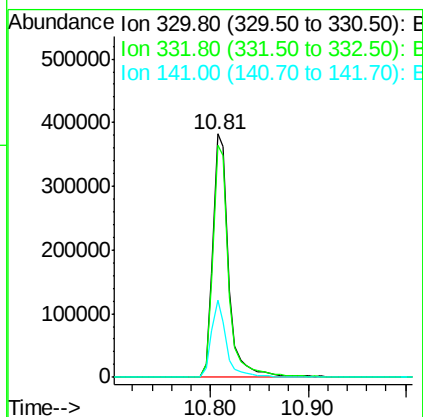
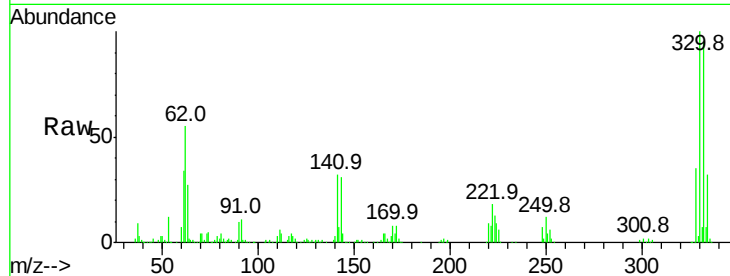




#41
 2,4,6-Tribromophenol
 Concen: 77.691 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107571.D
 Acq: 21 Jul 2018 12:55

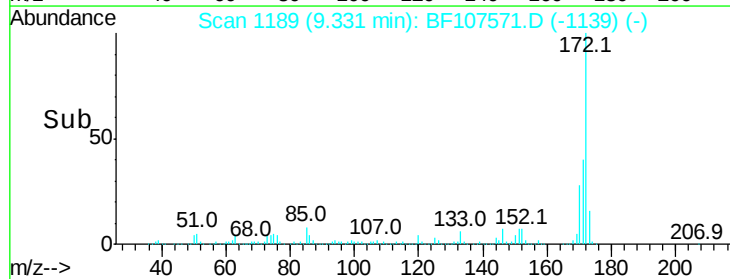
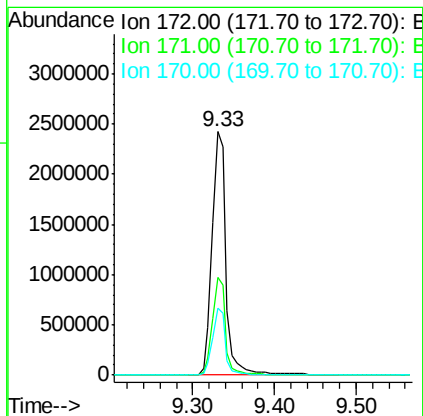
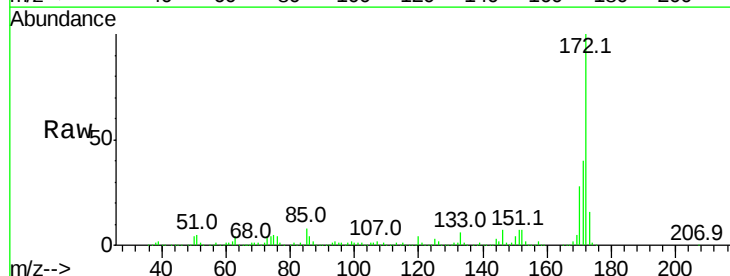
Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-U-B

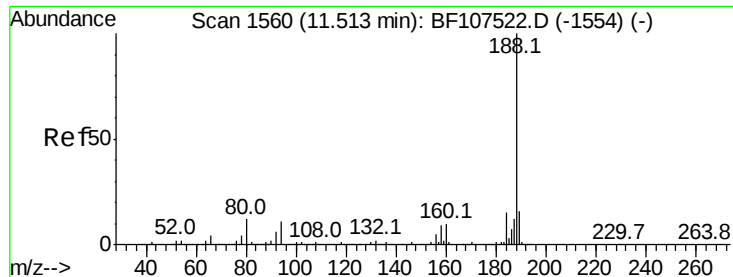
Tot Ion:330 Resp: 433021
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 30.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 109.205 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107571.D
 Acq: 21 Jul 2018 12:55

Tgt Ion:172 Resp: 2894575
 Ion Ratio Lower Upper
 172 100
 171 40.2 29.7 44.5
 170 27.5 19.6 29.4

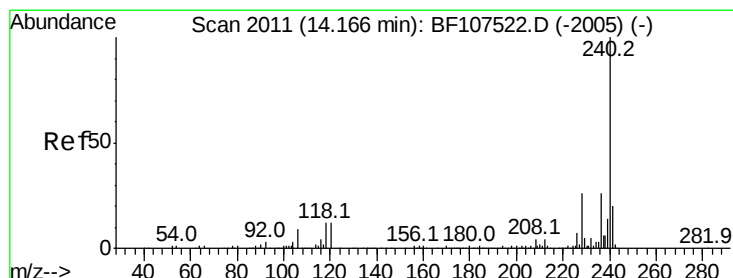
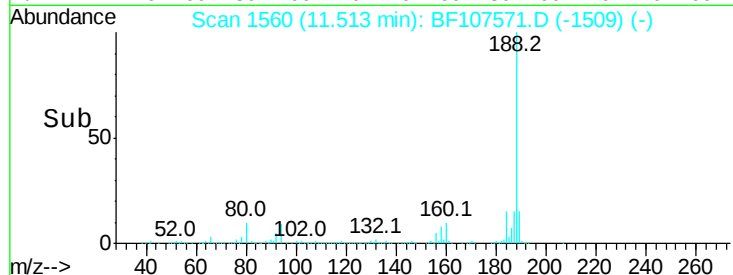
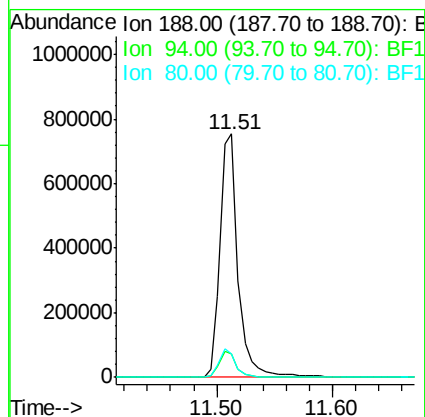
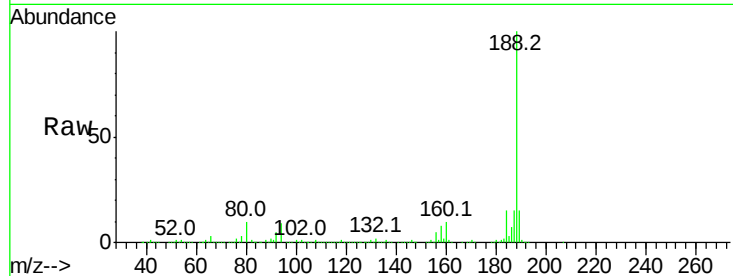




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107571.D
Acq: 21 Jul 2018 12:55

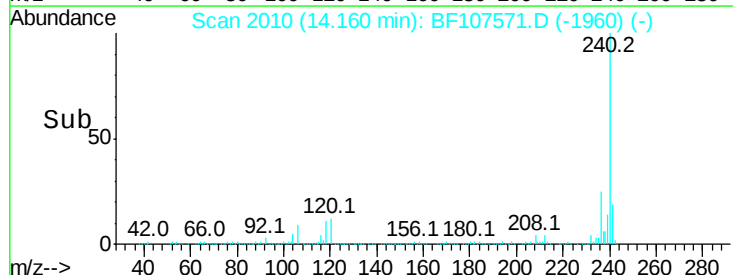
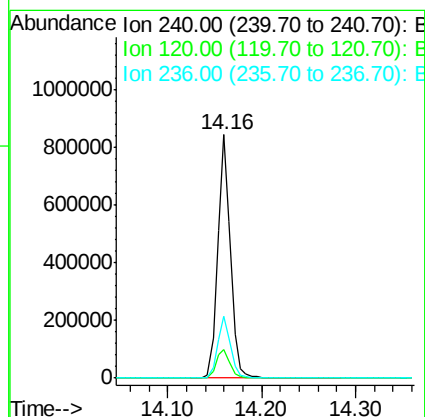
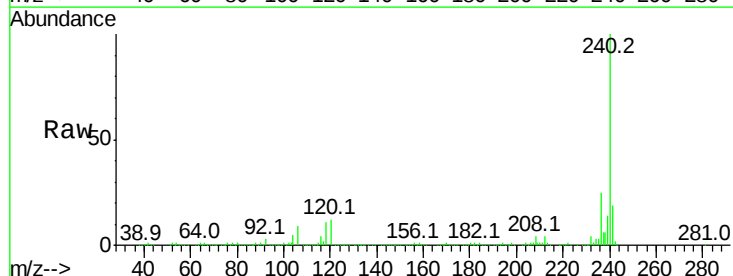
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ClientSampleId :
071818-DBRI-E-U-B

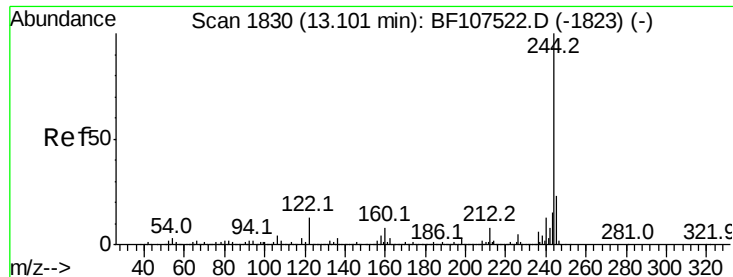
Tot Ion:188 Resp: 817922
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107571.D
Acq: 21 Jul 2018 12:55

Tgt Ion:240 Resp: 804177
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 69.678 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107571.D

Acq: 21 Jul 2018 12:55

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-B

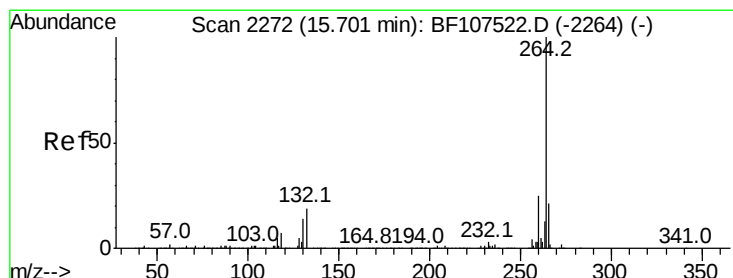
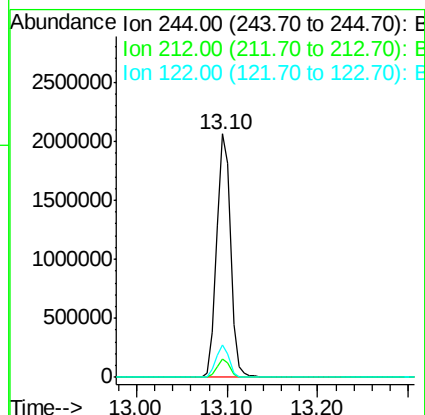
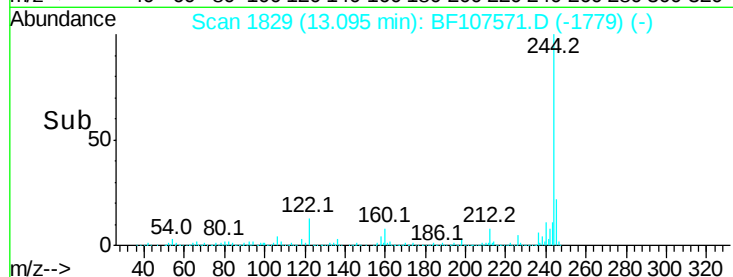
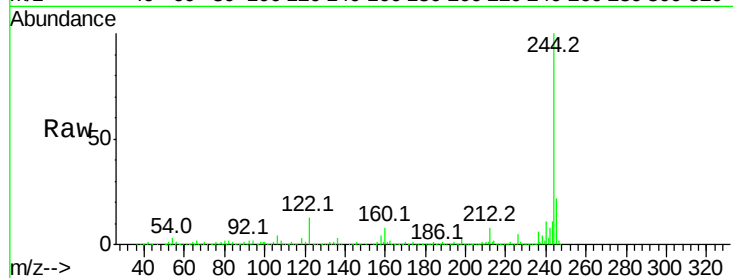
Tot Ion:244 Resp: 2188742

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

122 13.3 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: BF107571.D

Acq: 21 Jul 2018 12:55

Tgt Ion:264 Resp: 638789

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.9 17.5 26.3

