

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107568.D
 Acq On : 21 Jul 2018 11:36
 Operator : JU/SJ
 Sample : J4094-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Jul 23 04:38:47 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	331599	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1205250	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	461745	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	781058	20.00	ng	0.00
75) Chrysene-d12	14.16	240	695706	20.00	ng	0.00
86) Perylene-d12	15.69	264	621789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	811309	39.34	ng	0.00
7) Phenol-d6	6.60	99	718344	29.01	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1762365	98.68	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	418012	79.61	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2763519	111.46	ng	0.00
78) Terphenyl-d14	13.09	244	2056609	75.68	ng	0.00

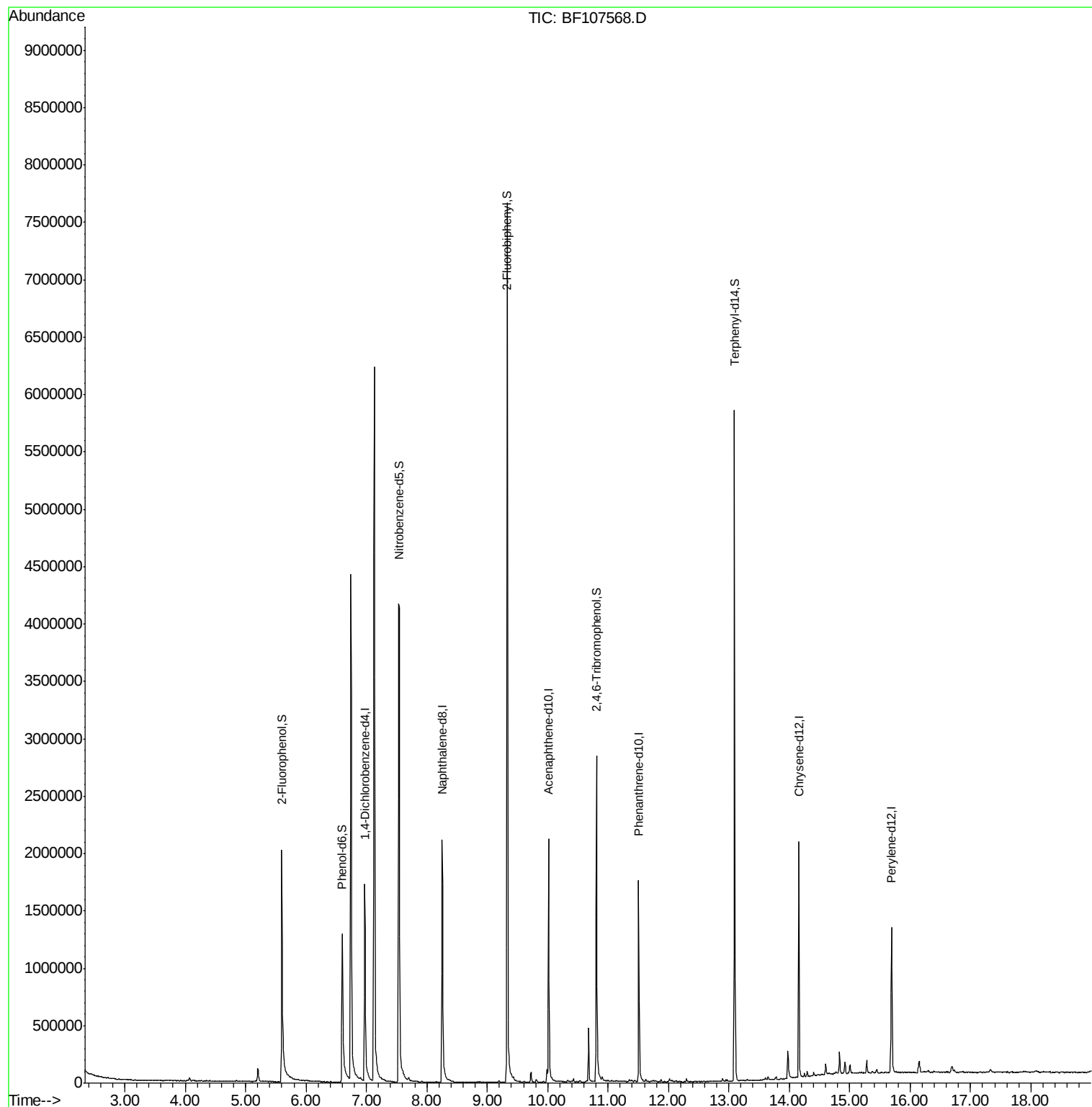
Target Compounds Qvalue

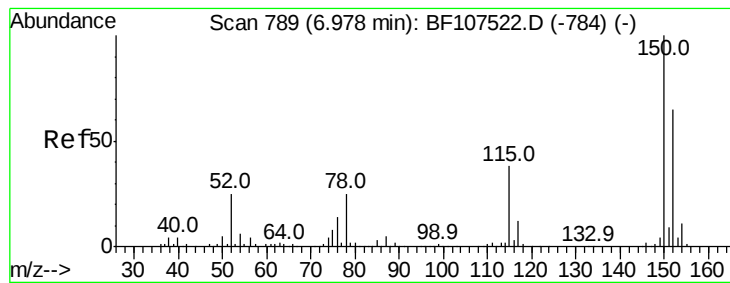
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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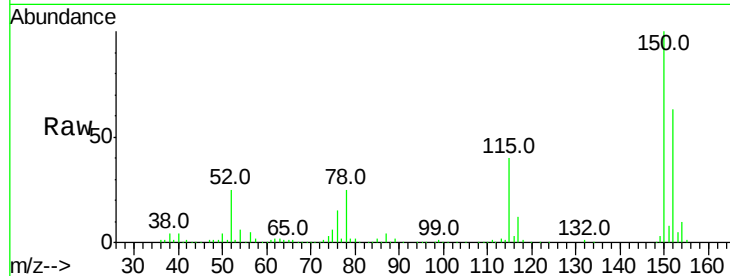


#1

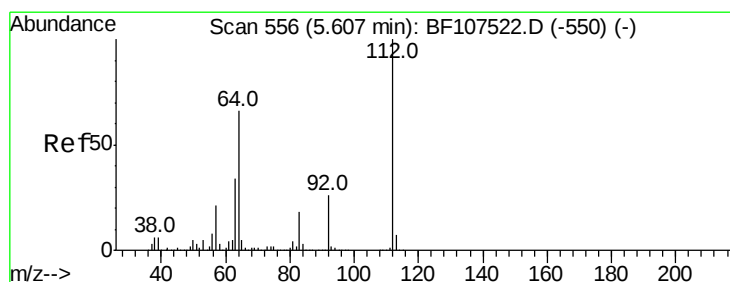
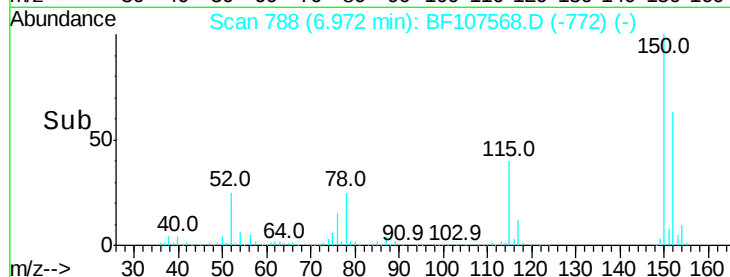
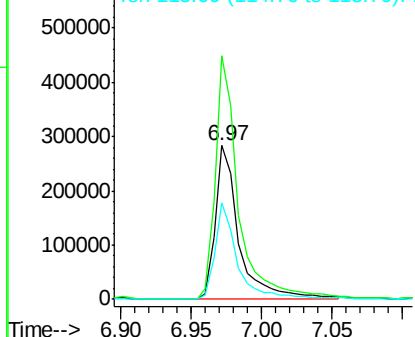
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

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

Tot Ion:152 Resp: 331599
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.6 50.1 75.1



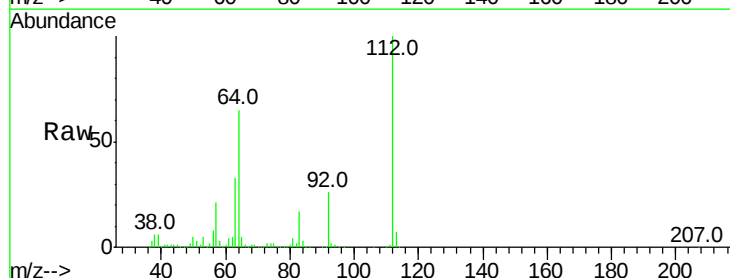
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



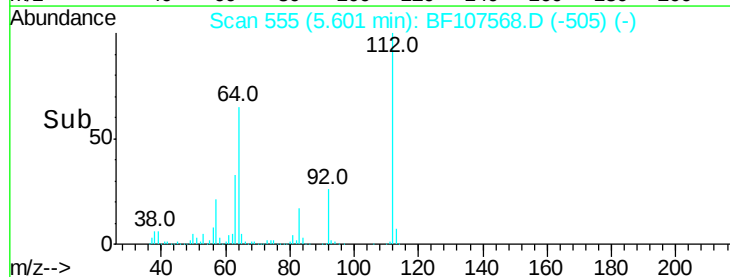
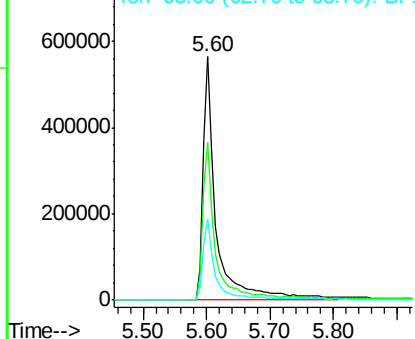
#5

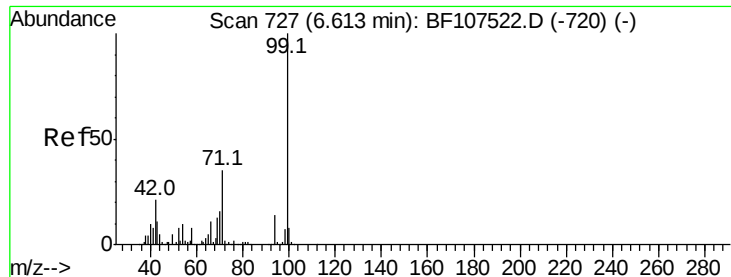
2-Fluorophenol
Concen: 39.338 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

Tgt Ion:112 Resp: 811309
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 33.3 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: 29.007 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-D-B

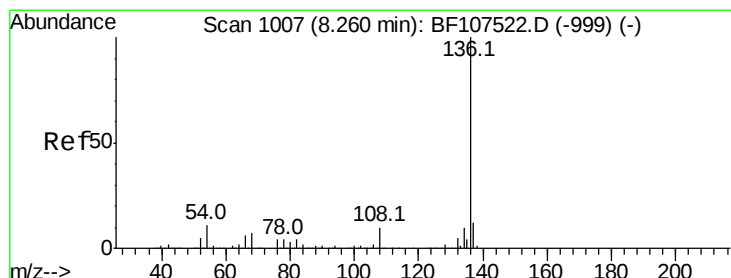
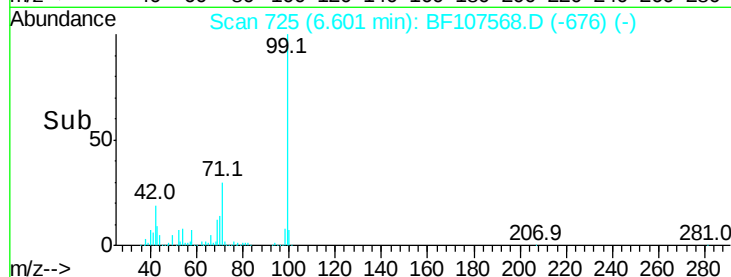
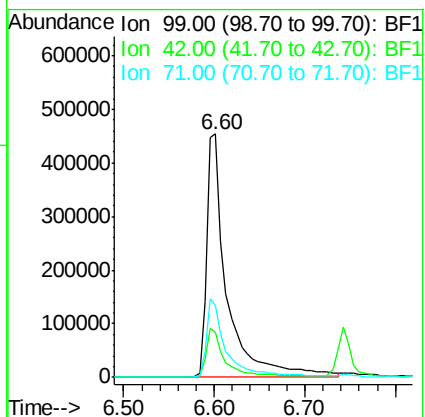
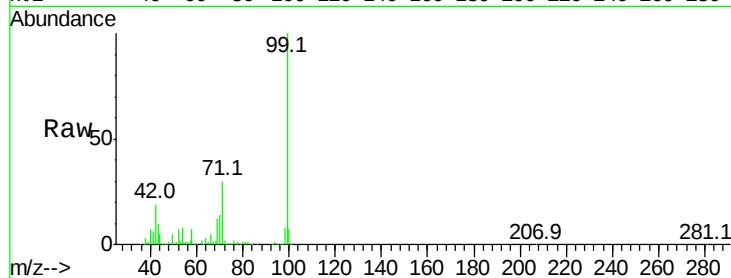
Tot Ion: 99 Resp: 718344

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 29.9 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: BF107568.D

Acq: 21 Jul 2018 11:36

Tgt Ion: 136 Resp: 1205250

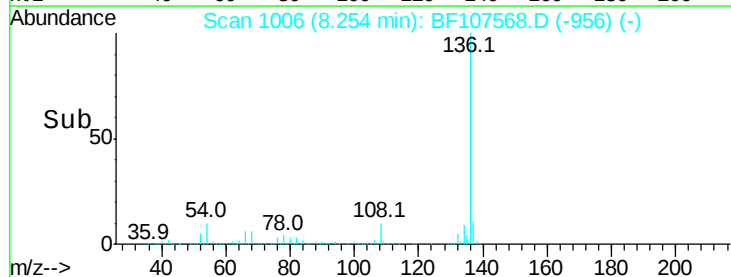
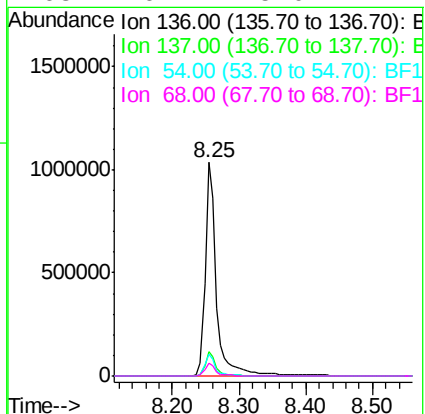
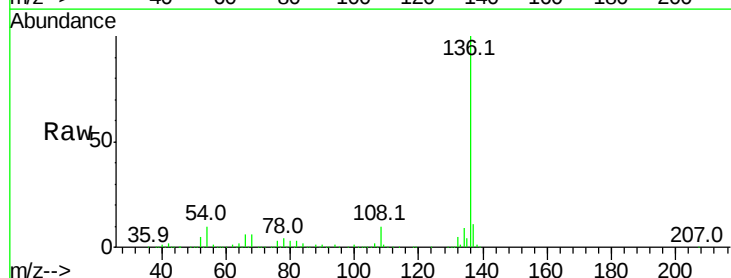
Ion Ratio Lower Upper

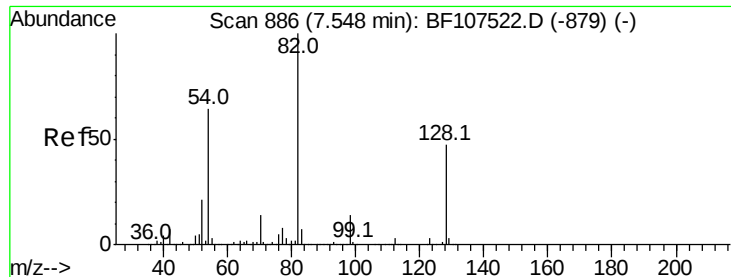
136 100

137 11.3 8.9 13.3

54 10.2 6.6 9.8#

68 6.2 5.0 7.4

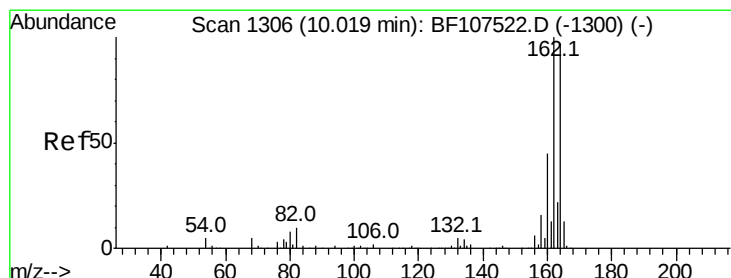
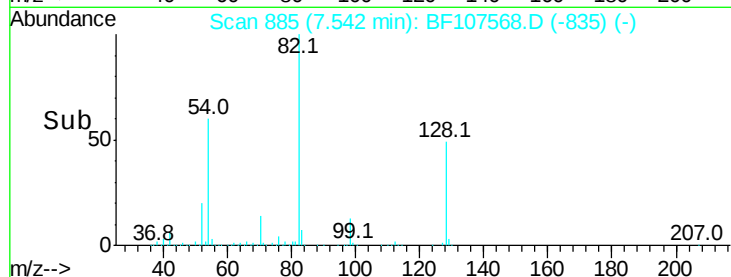
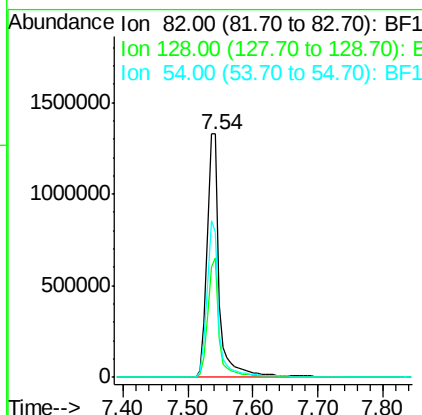
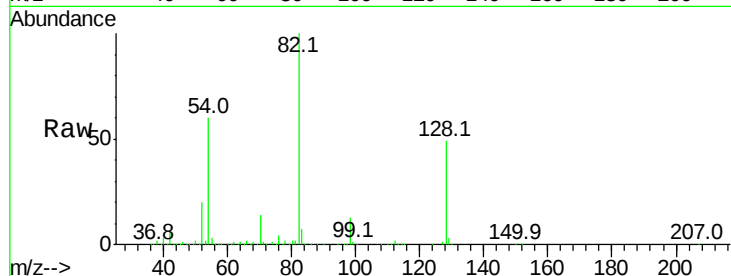




#23
Nitrobenzene-d5
Concen: 98.683 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

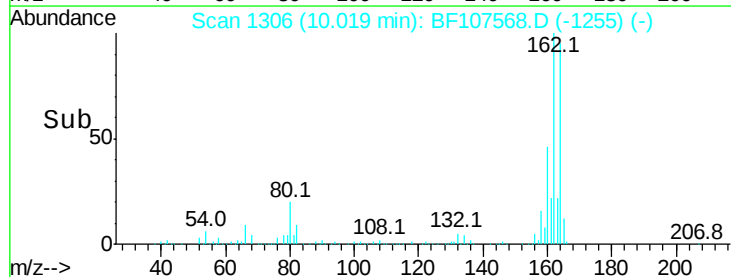
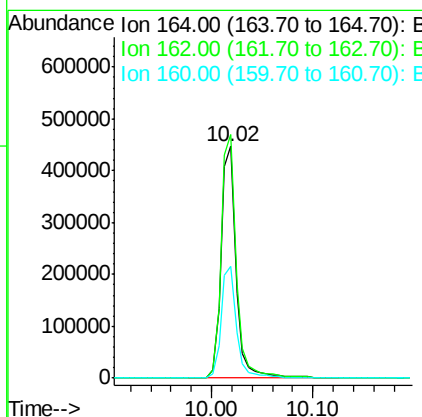
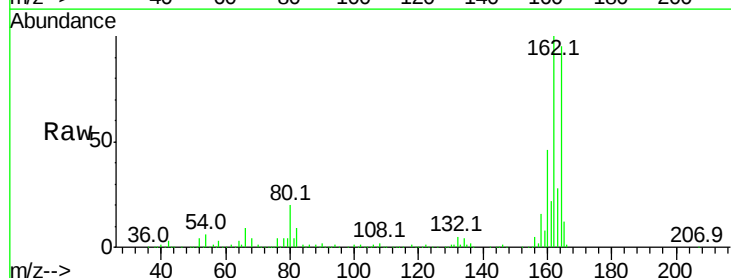
Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-B

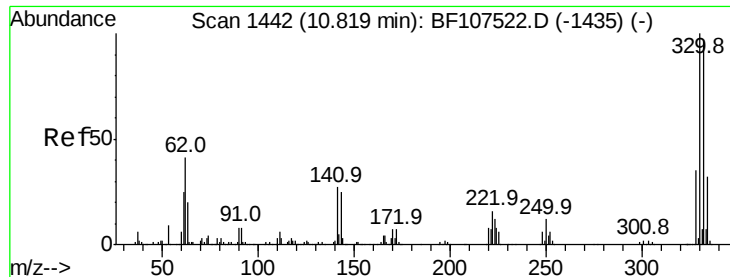
Tot Ion: 82 Resp: 1762365
Ion Ratio Lower Upper
82 100
128 49.0 36.1 54.1
54 59.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

Tgt Ion:164 Resp: 461745
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 48.4 38.3 57.5

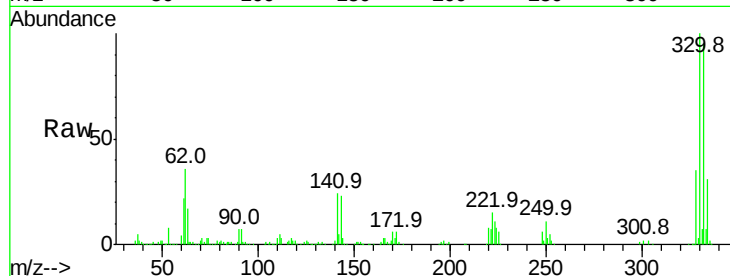




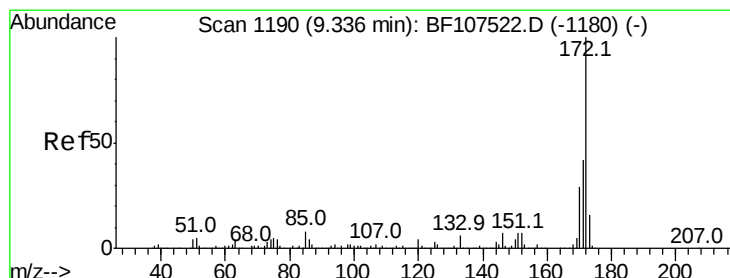
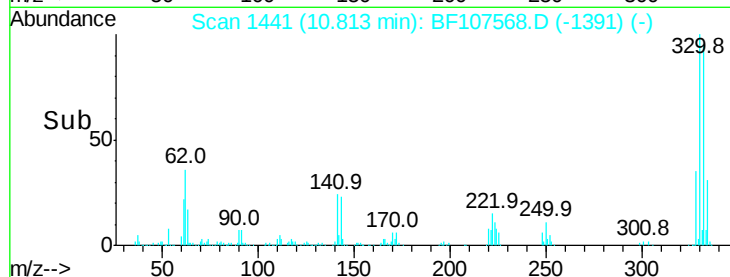
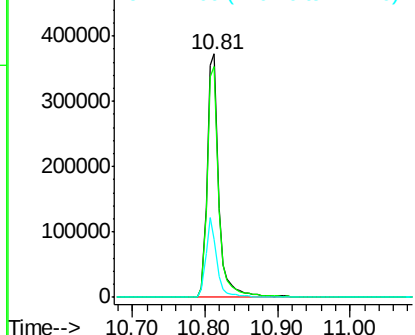
#41
 2,4,6-Tribromophenol
 Concen: 79.610 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107568.D
 Acq: 21 Jul 2018 11:36

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.5	29.9	44.9

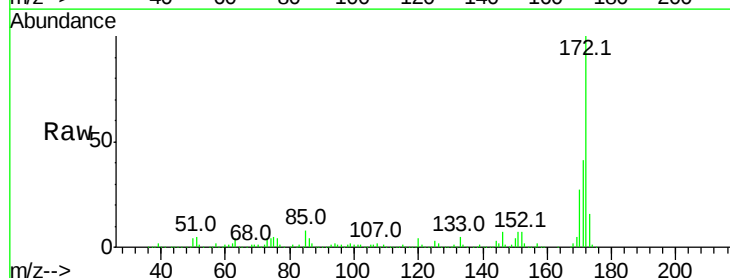


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

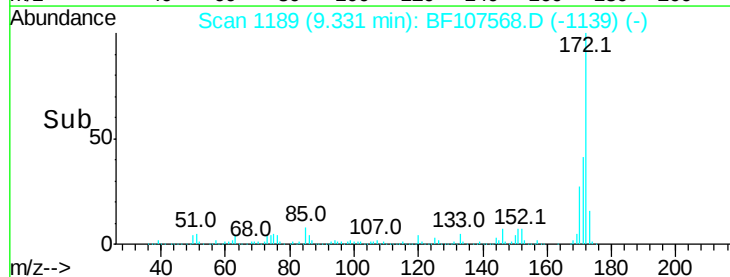
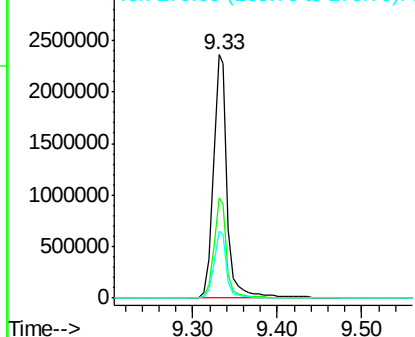


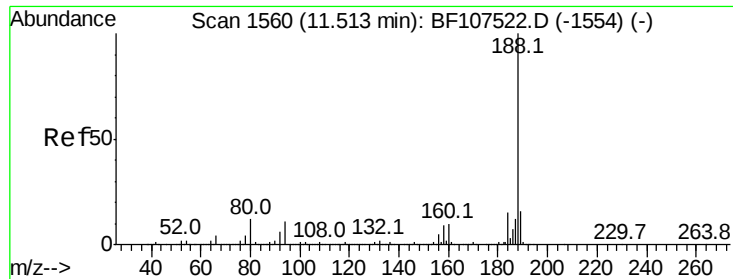
#44
 2-Fluorobiphenyl
 Concen: 111.464 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107568.D
 Acq: 21 Jul 2018 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.7	44.5
170	27.3	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

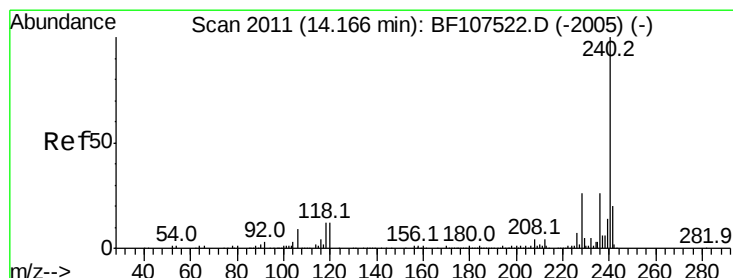
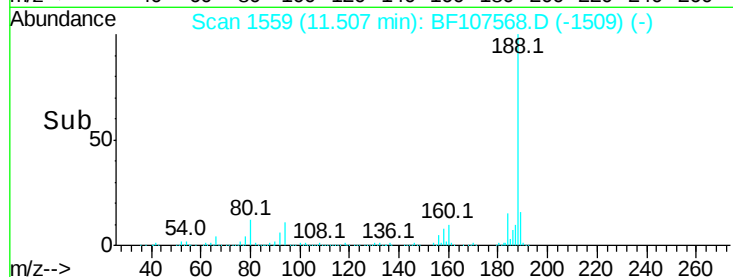
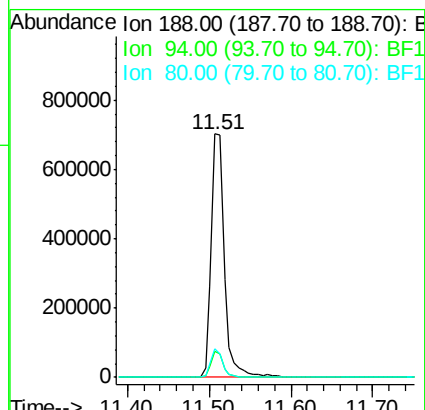
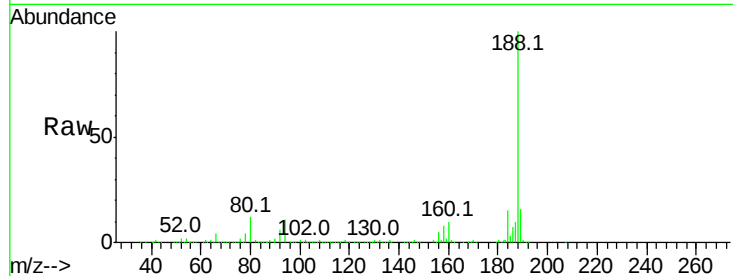




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

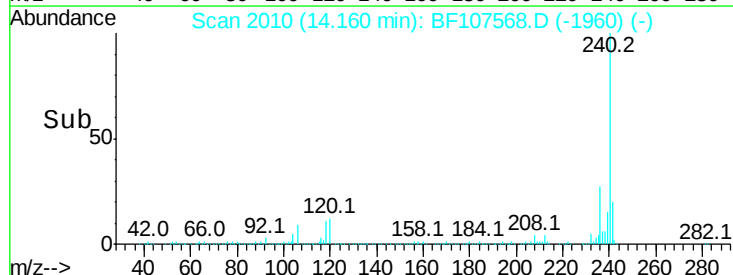
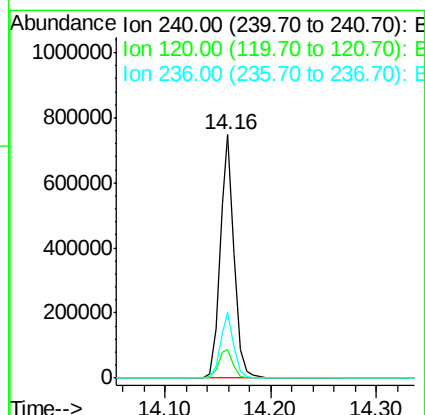
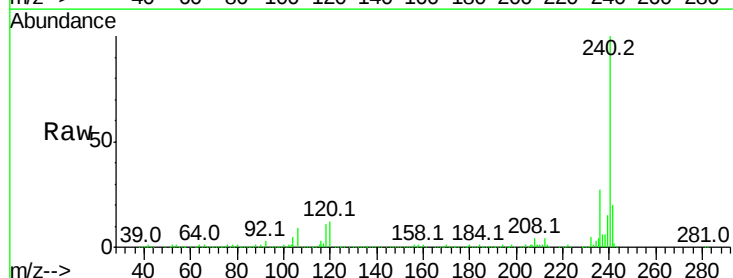
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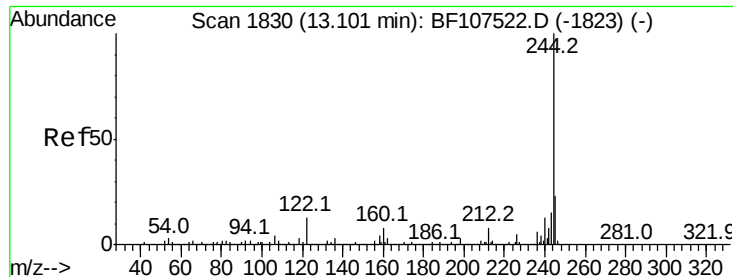
Tot Ion:188 Resp: 781058
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

Tgt Ion:240 Resp: 695706
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.7 20.7 31.1

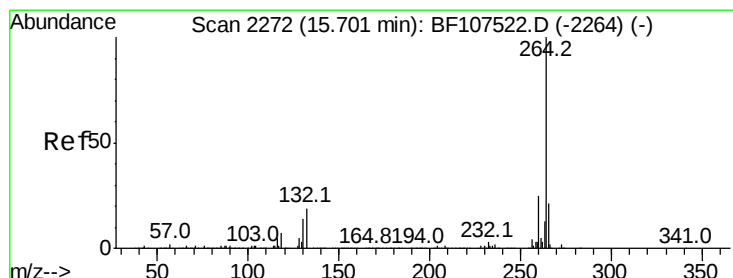
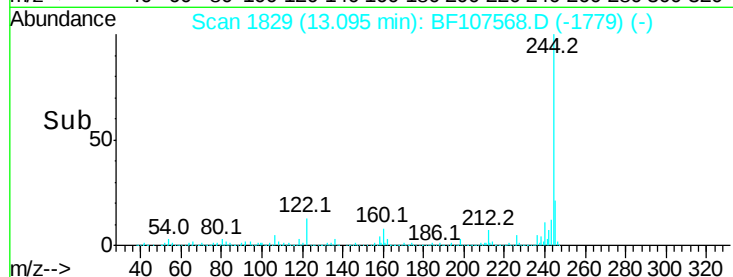
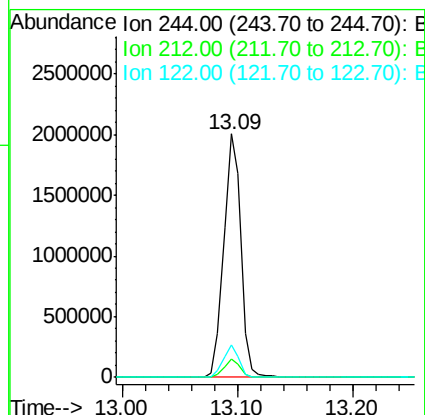
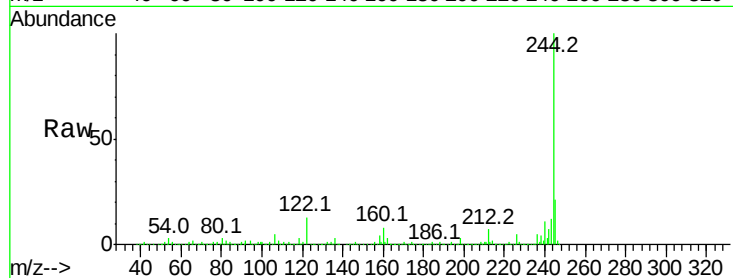




#78
 Terphenyl-d14
 Concen: 75.680 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF107568.D
 Acq: 21 Jul 2018 11:36

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

Tot Ion:244 Resp: 2056609
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 13.1 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: BF107568.D
 Acq: 21 Jul 2018 11:36

Tgt Ion:264 Resp: 621789
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 17.5 26.3

