

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107562.D
 Acq On : 21 Jul 2018 8:57
 Operator : JU/SJ
 Sample : J4061-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-M

Quant Time: Jul 23 04:08:45 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

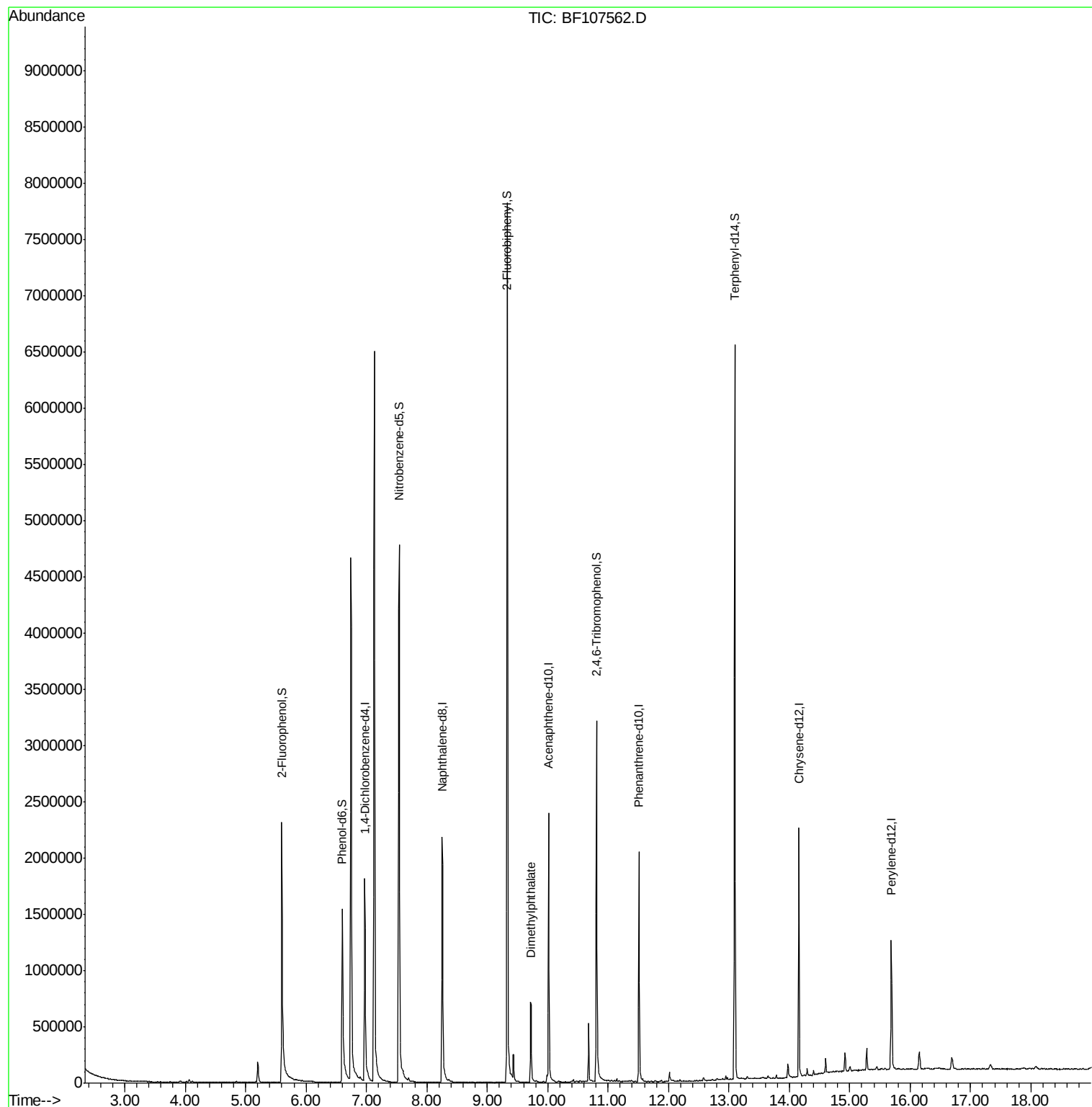
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	339489	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1251107	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	499978	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	874393	20.00	ng	0.00
75) Chrysene-d12	14.16	240	740202	20.00	ng	0.00
86) Perylene-d12	15.69	264	548946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	896136	42.44	ng	0.00
7) Phenol-d6	6.60	99	814839	32.14	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1917593	103.44	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	493785	86.85	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2985678	111.08	ng	0.00
78) Terphenyl-d14	13.10	244	2443039	84.50	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	351842	9.337	ng	99

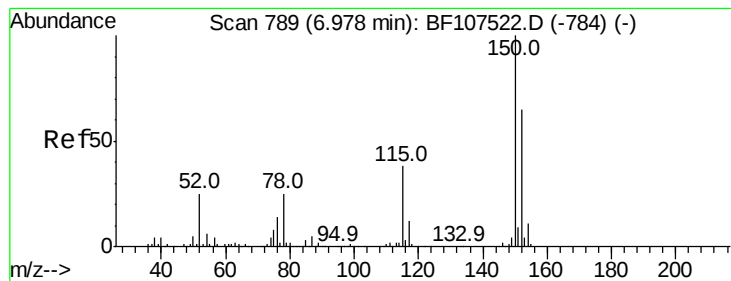
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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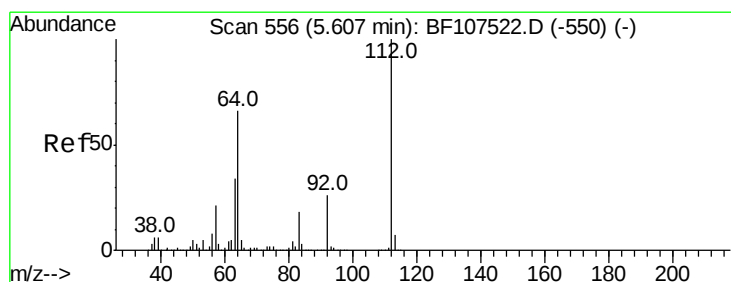
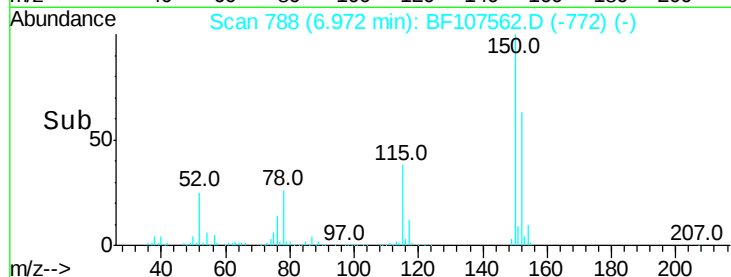
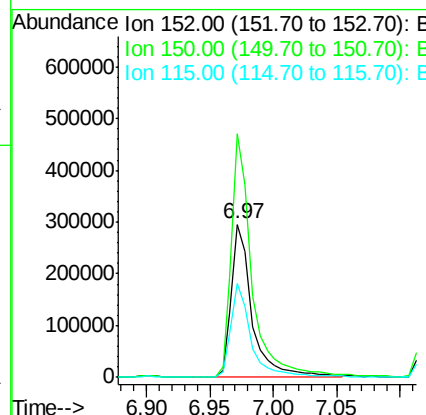
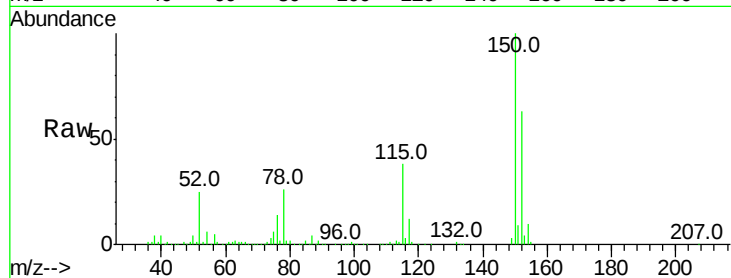


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

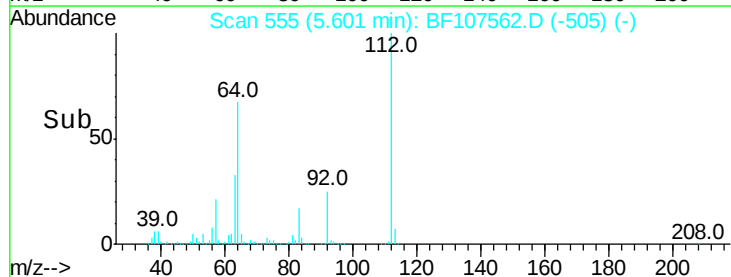
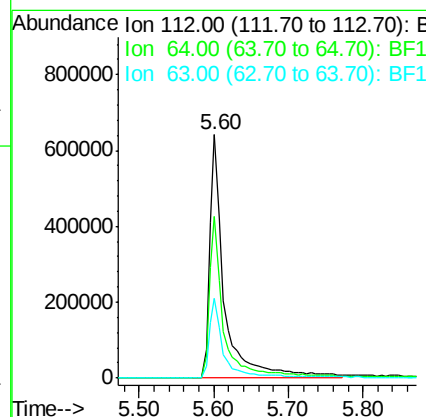
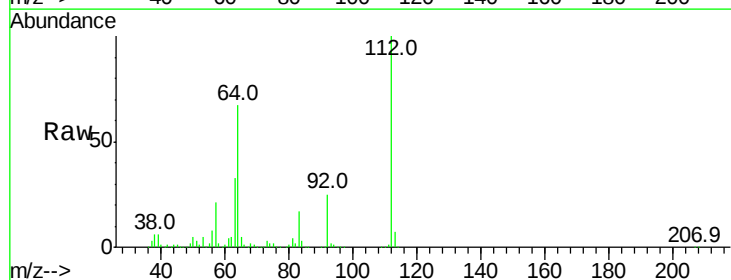
Tot Ion:152 Resp: 339489
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.1 50.1 75.1

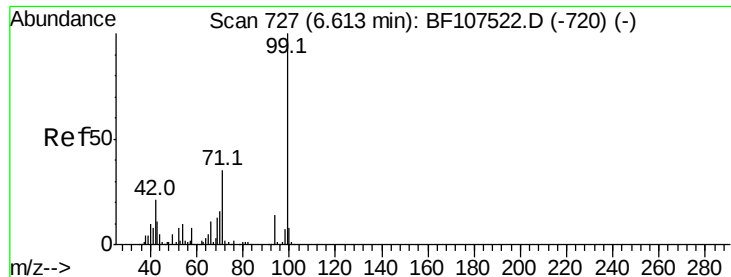


#5

2-Fluorophenol
Concen: 42.441 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Tgt Ion:112 Resp: 896136
Ion Ratio Lower Upper
112 100
64 66.6 47.9 71.9
63 33.0 23.7 35.5





#7

Phenol-d6

Concen: 32.139 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107562.D

Acq: 21 Jul 2018 8:57

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-M

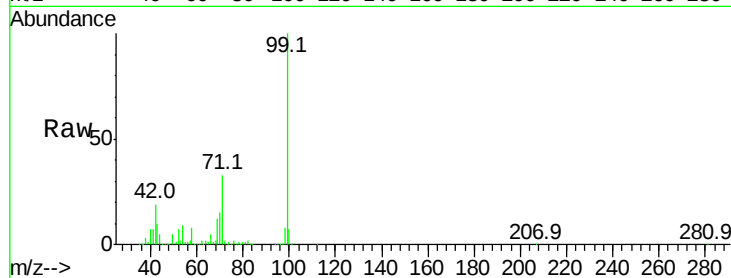
Tot Ion: 99 Resp: 814839

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

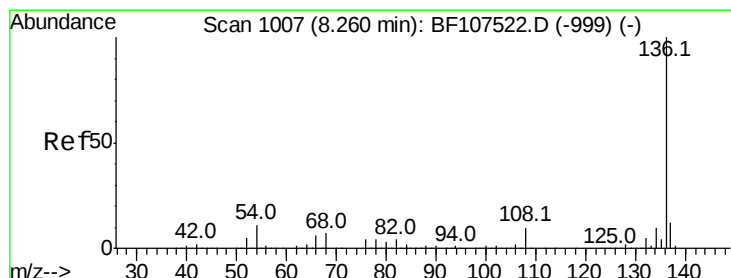
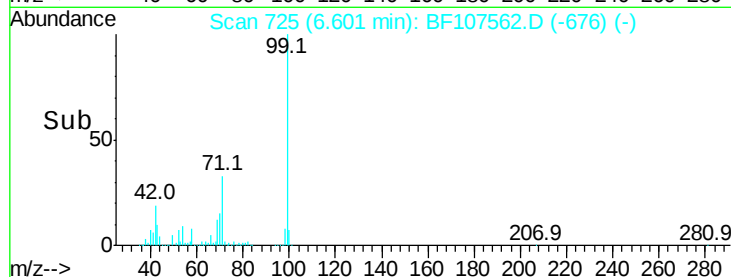
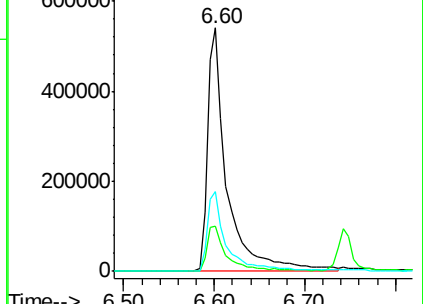
71 32.5 25.4 38.0



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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107562.D

Acq: 21 Jul 2018 8:57

Tgt Ion: 136 Resp: 1251107

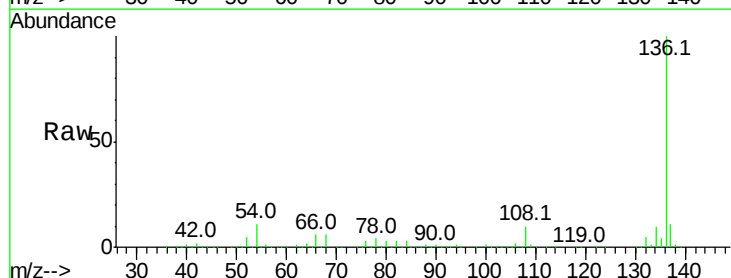
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.6 6.6 9.8#

68 6.5 5.0 7.4

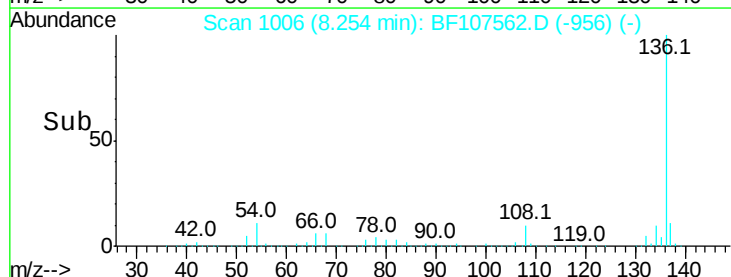
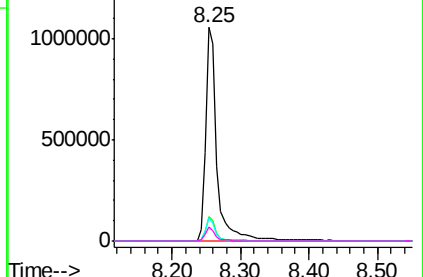


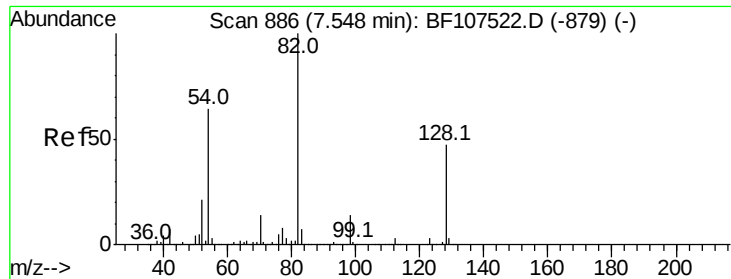
Abundance Ion 136.00 (135.70 to 136.70): E

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

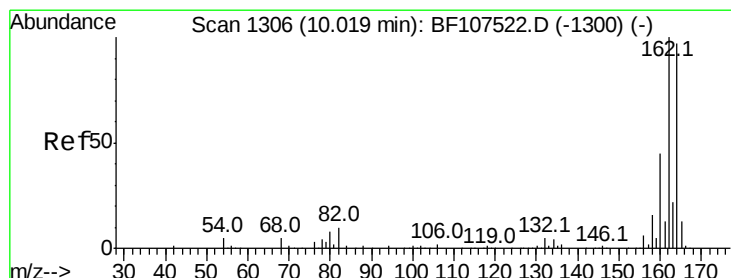
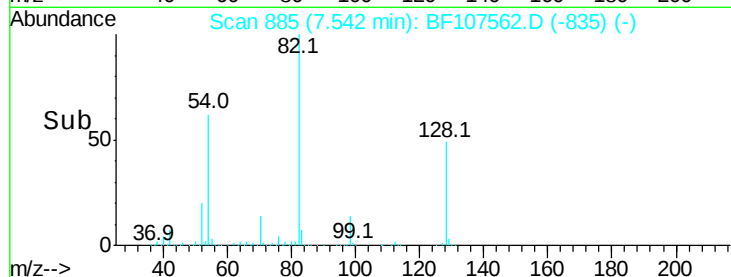
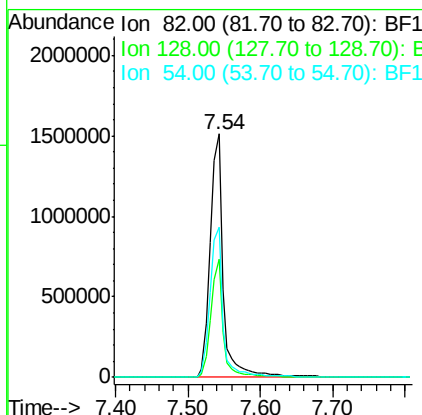
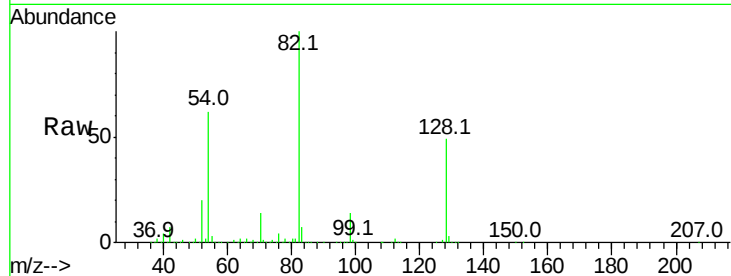




#23
 Nitrobenzene-d5
 Concen: 103.439 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107562.D
 Acq: 21 Jul 2018 8:57

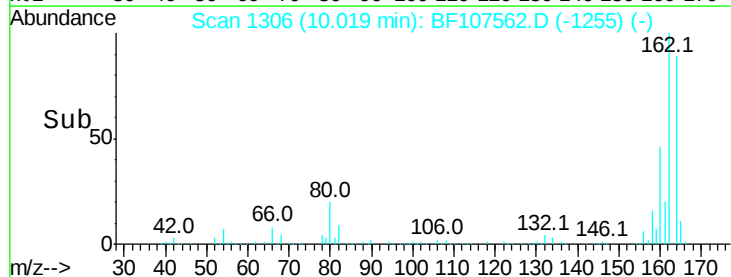
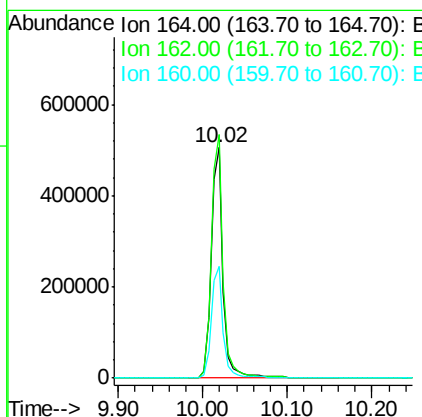
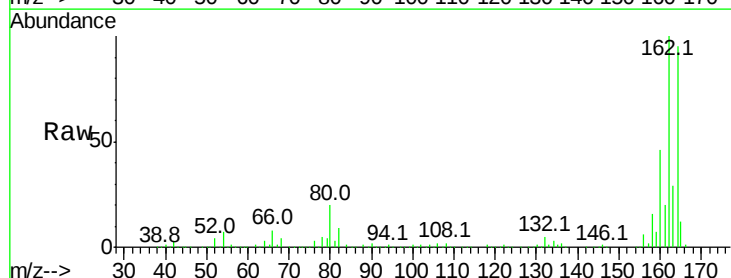
Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-M

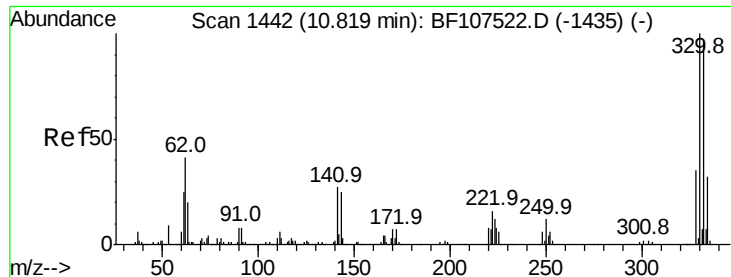
Tot Ion: 82 Resp: 1917593
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.1 54.1
 54 61.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF107562.D
 Acq: 21 Jul 2018 8:57

Tgt Ion: 164 Resp: 499978
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 48.2 38.3 57.5

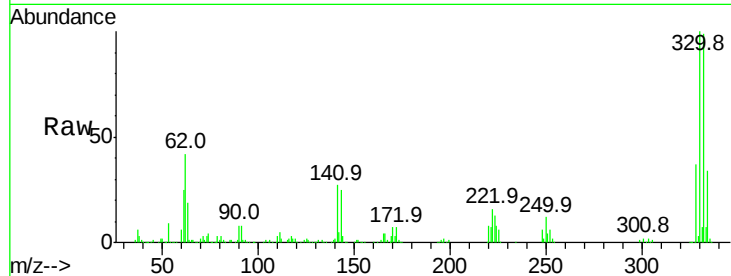




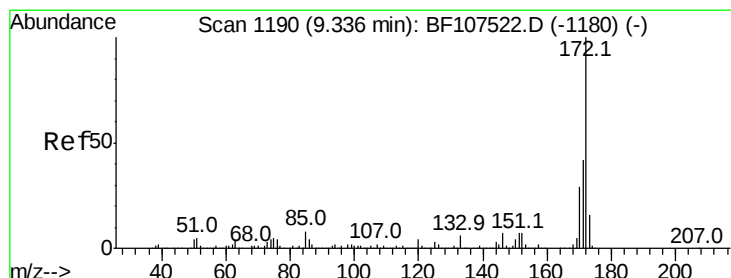
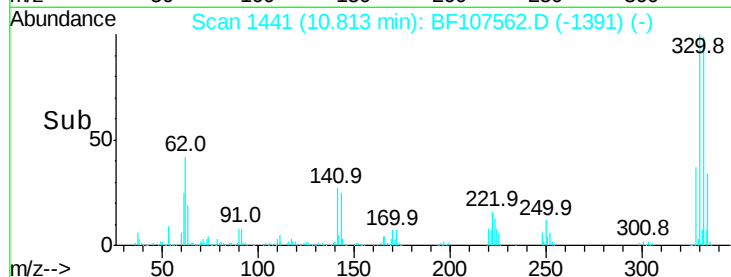
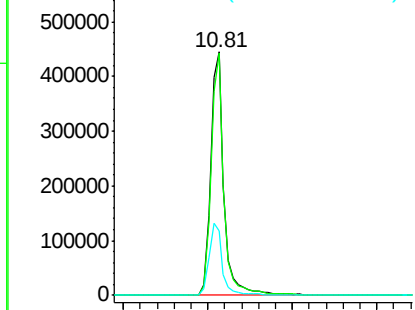
#41
 2,4,6-Tribromophenol
 Concen: 86.849 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107562.D
 Acq: 21 Jul 2018 8:57

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	30.2	29.9	44.9

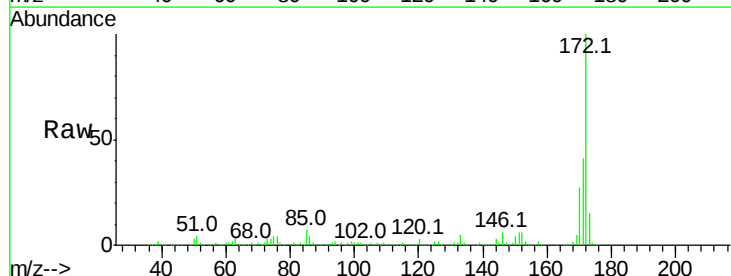


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

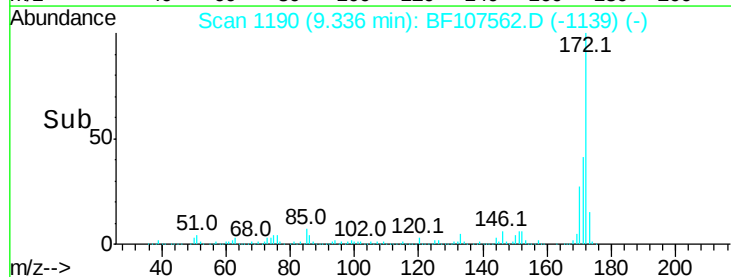
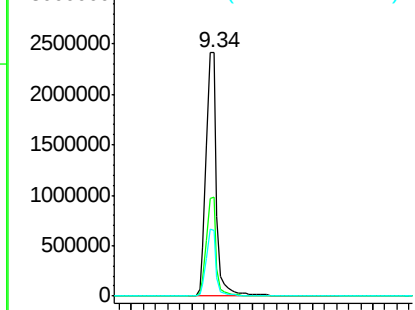


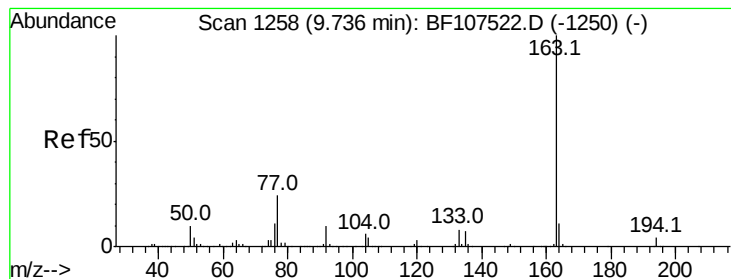
#44
 2-Fluorobiphenyl
 Concen: 111.081 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107562.D
 Acq: 21 Jul 2018 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	29.7	44.5
170	27.2	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





#49

Dimethylphthalate

Concen: 9.337 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107562.D

Acq: 21 Jul 2018 8:57

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-M

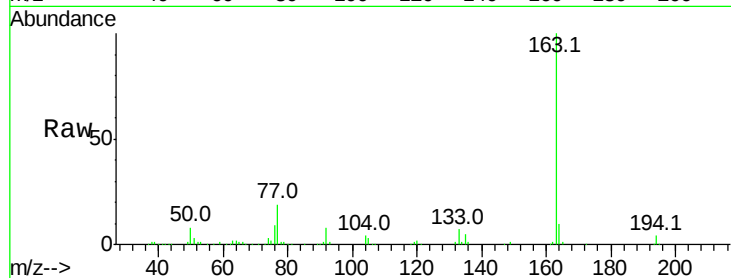
Tot Ion:163 Resp: 351842

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

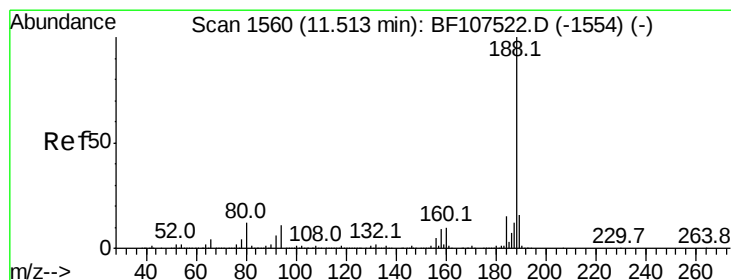
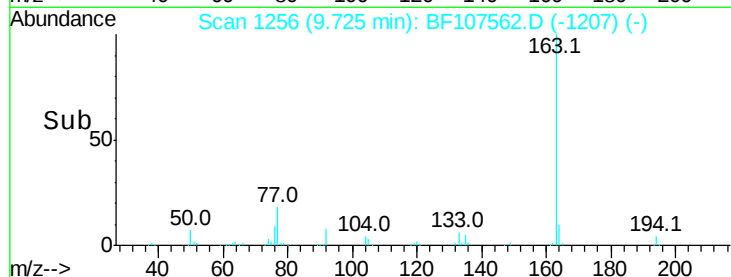
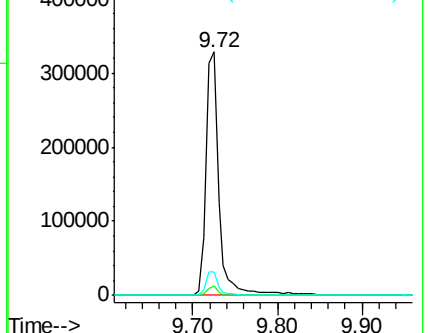
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107562.D

Acq: 21 Jul 2018 8:57

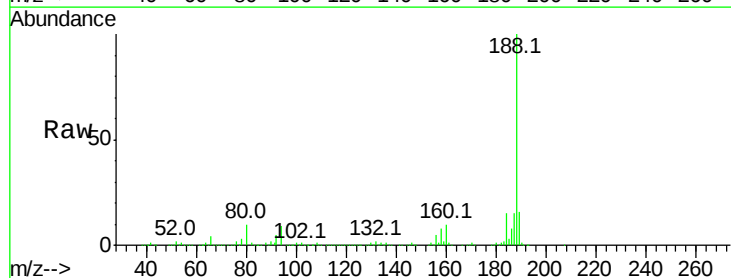
Tgt Ion:188 Resp: 874393

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

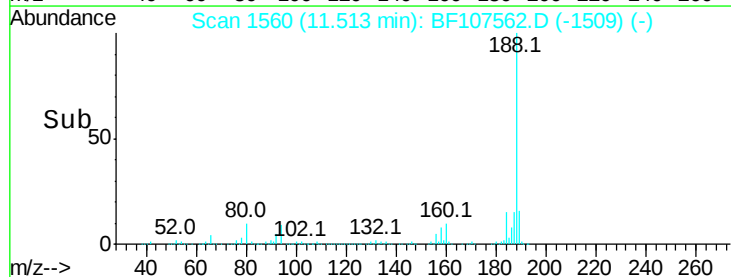
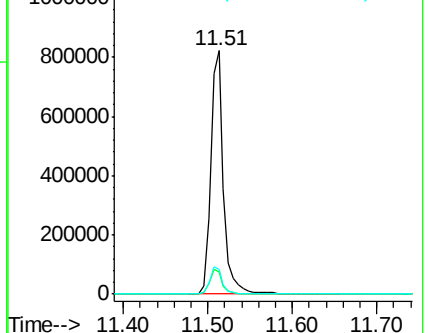
80 10.0 9.2 13.8

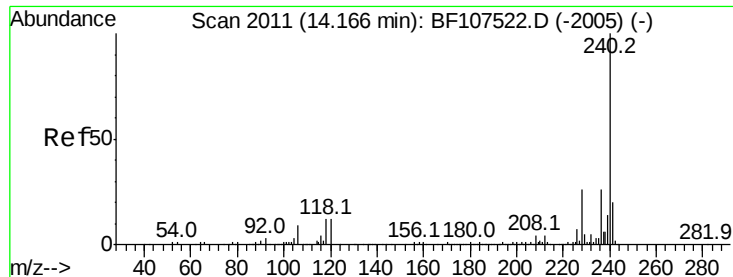


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF107562.D

Acq: 21 Jul 2018 8:57

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071718-DBRI-E-U-M

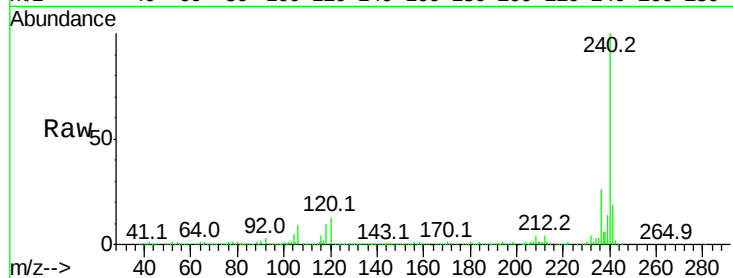
Tot Ion:240 Resp: 740202

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

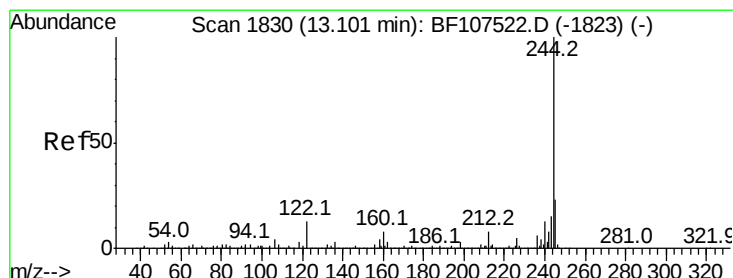
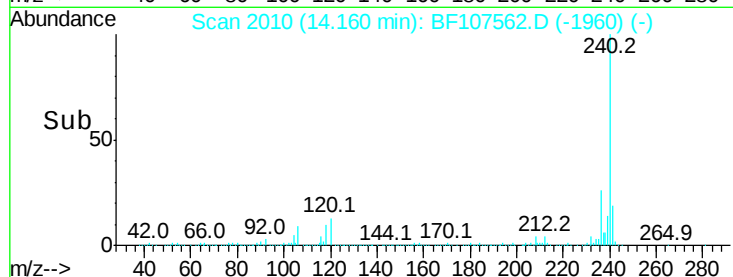
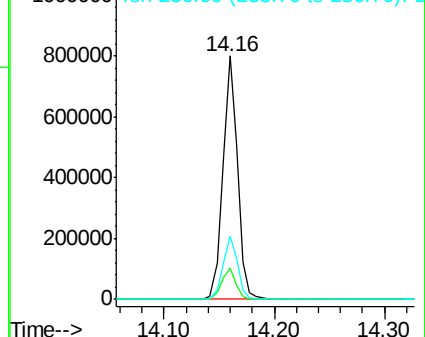
236 26.0 20.7 31.1



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: 84.496 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107562.D

Acq: 21 Jul 2018 8:57

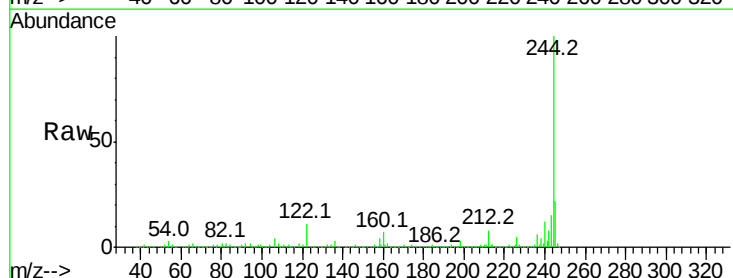
Tgt Ion:244 Resp: 2443039

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

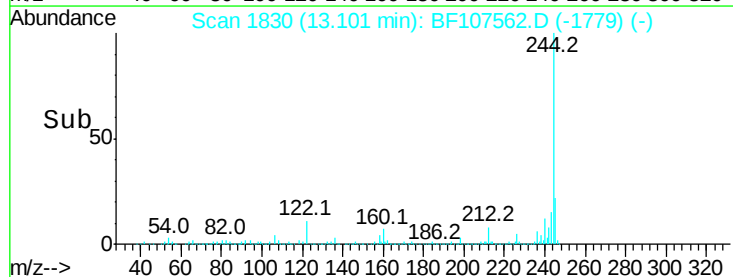
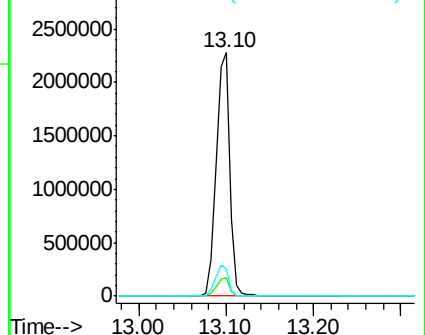
122 11.3 11.0 16.4

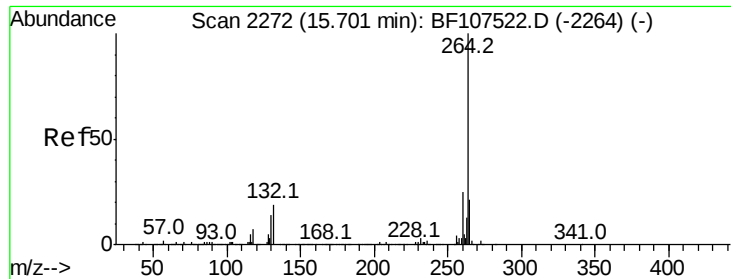


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107562.D
Acq: 21 Jul 2018 8:57

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3

