

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107560.D
 Acq On : 21 Jul 2018 8:03
 Operator : JU/SJ
 Sample : J4061-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-D-S

Quant Time: Jul 23 03:47:40 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

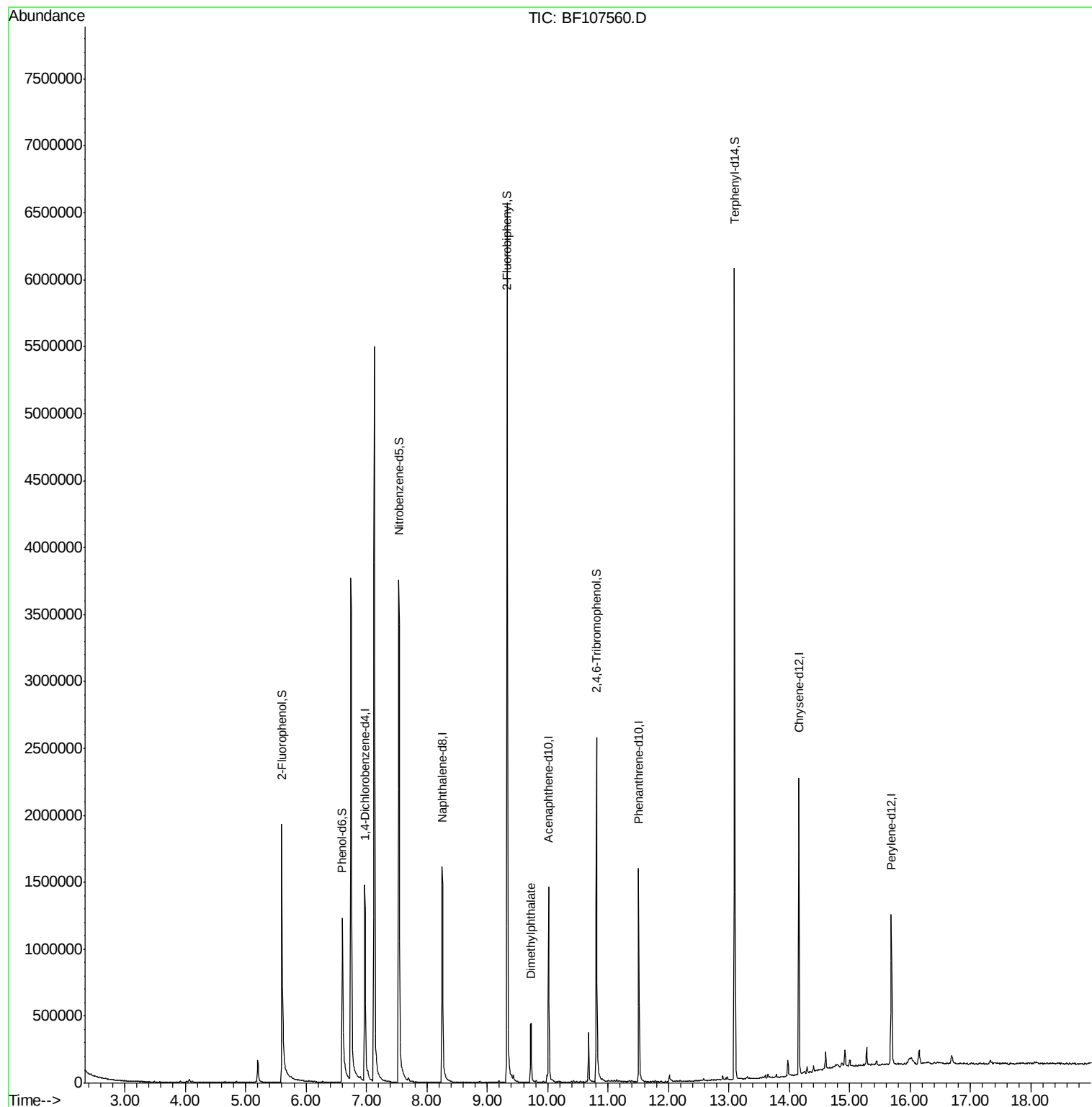
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	287308	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	946893	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	329752	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	670219	20.00	ng	0.00
75) Chrysene-d12	14.16	240	745306	20.00	ng	0.00
86) Perylene-d12	15.69	264	552935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	753876	42.19	ng	0.00
7) Phenol-d6	6.60	99	677935	31.60	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1514612	107.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	366423	97.72	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2212563	134.51	ng	0.00
78) Terphenyl-d14	13.09	244	2320689	79.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	224140	9.019	ng	Qvalue 100

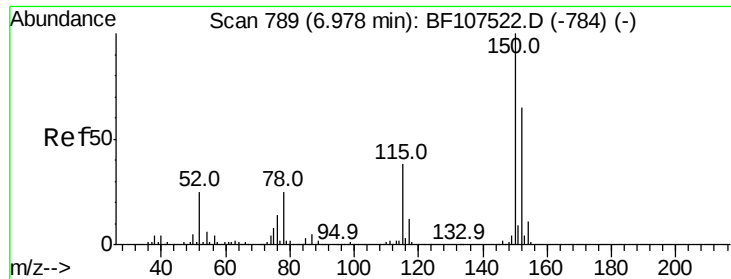
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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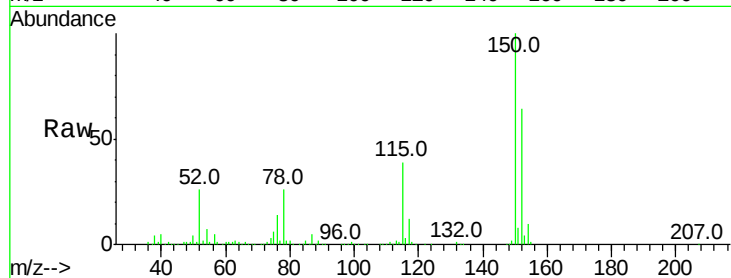


#1

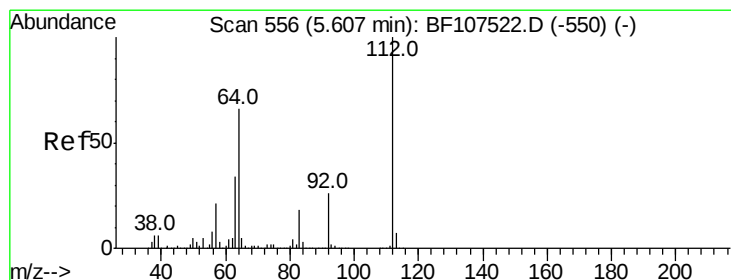
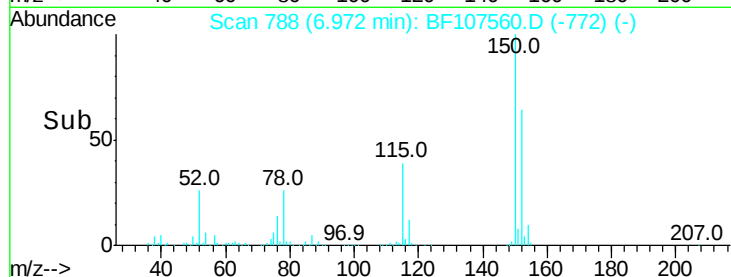
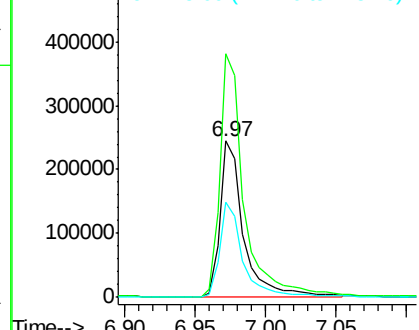
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107560.D
Acq: 21 Jul 2018 8:03

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-S

Tot Ion:152 Resp: 287308
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.9 50.1 75.1



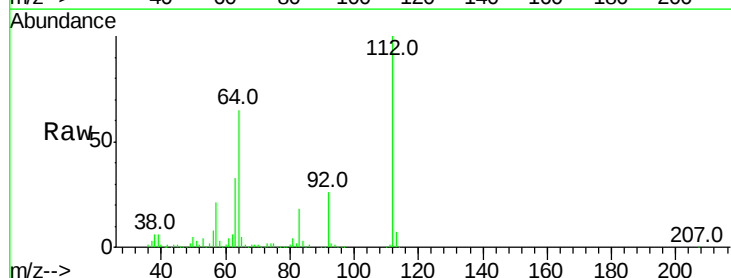
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



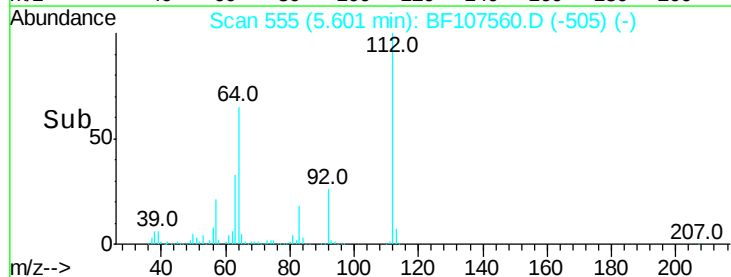
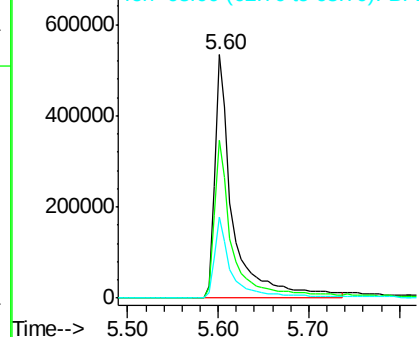
#5

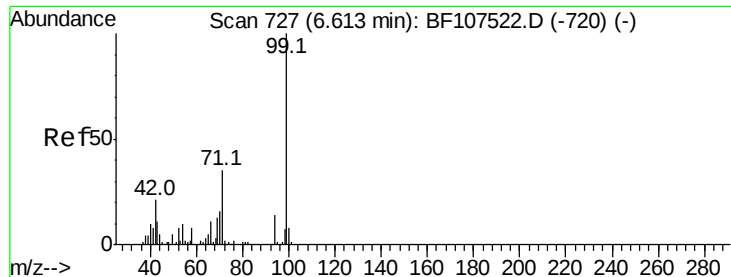
2-Fluorophenol
Concen: 42.188 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107560.D
Acq: 21 Jul 2018 8:03

Tgt Ion:112 Resp: 753876
Ion Ratio Lower Upper
112 100
64 65.0 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: 31.596 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107560.D

Acq: 21 Jul 2018 8:03

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-D-S

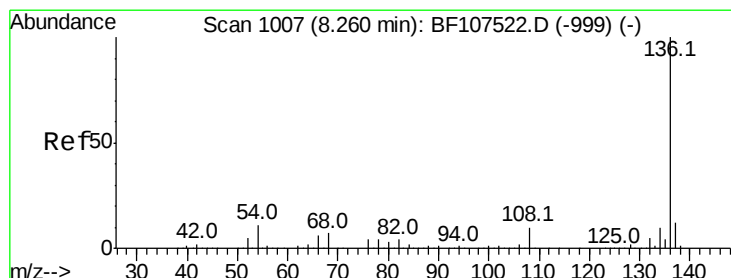
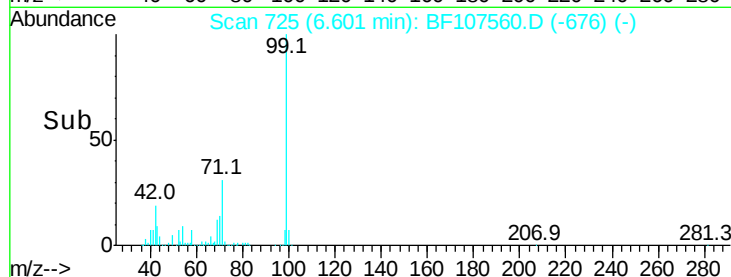
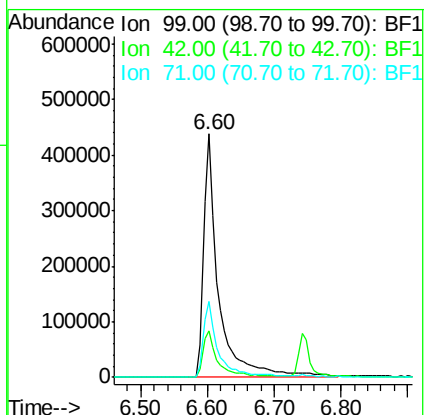
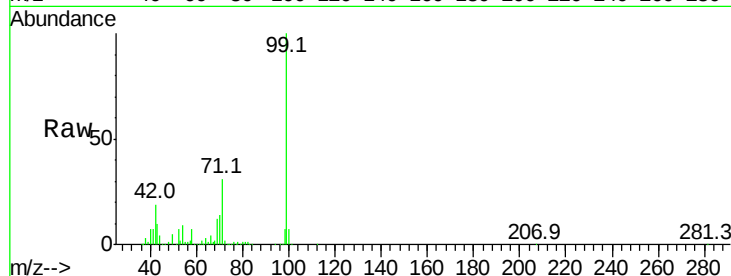
Tot Ion: 99 Resp: 677935

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 31.3 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: BF107560.D

Acq: 21 Jul 2018 8:03

Tgt Ion: 136 Resp: 946893

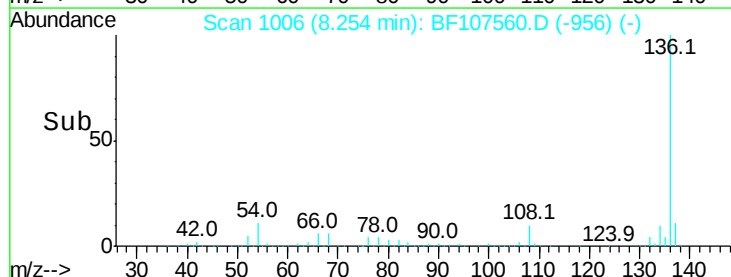
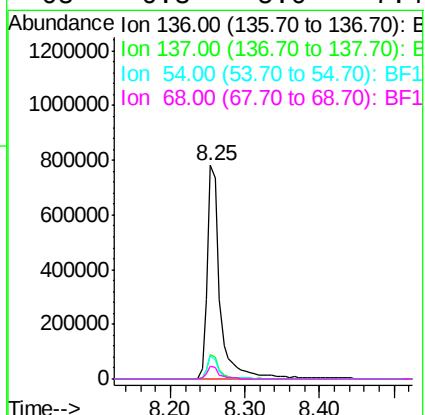
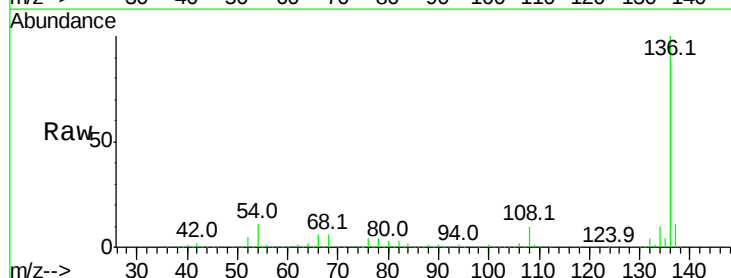
Ion Ratio Lower Upper

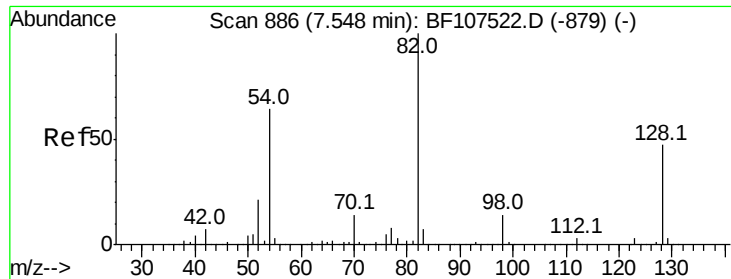
136 100

137 11.4 8.9 13.3

54 11.0 6.6 9.8#

68 6.3 5.0 7.4

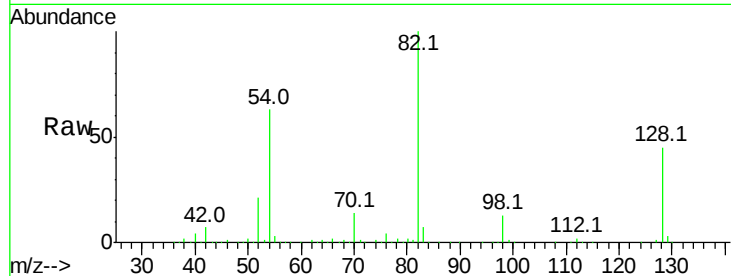




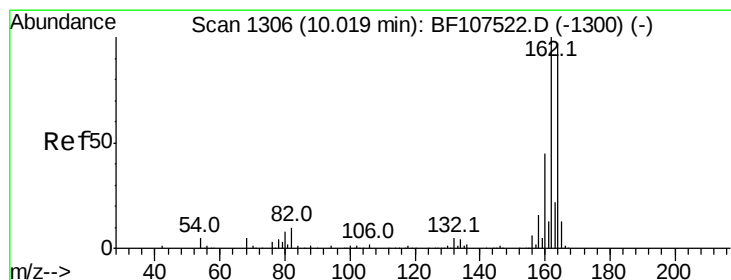
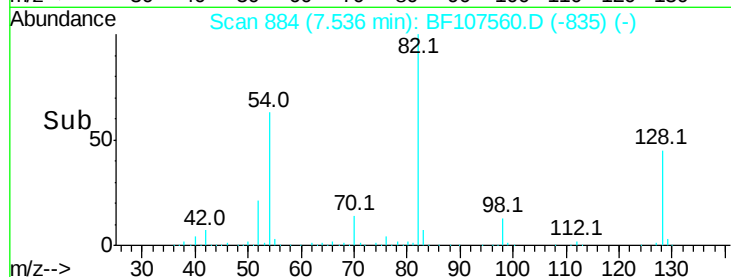
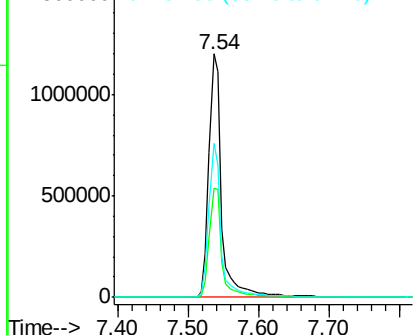
#23
 Nitrobenzene-d5
 Concen: 107.951 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107560.D
 Acq: 21 Jul 2018 8:03

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-D-S

Tot Ion: 82 Resp: 1514612
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 63.4 41.4 62.2#

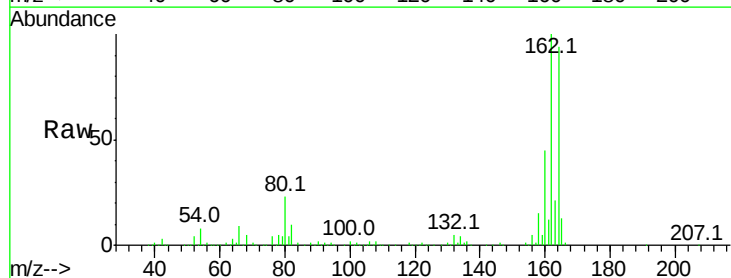


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

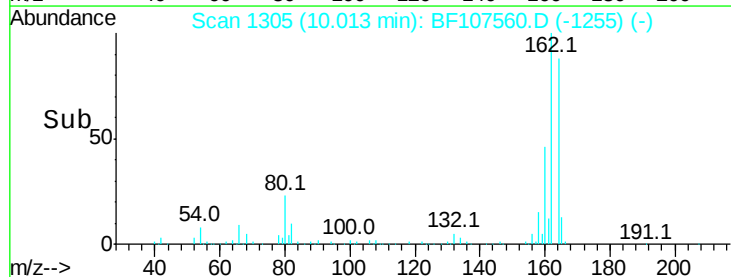
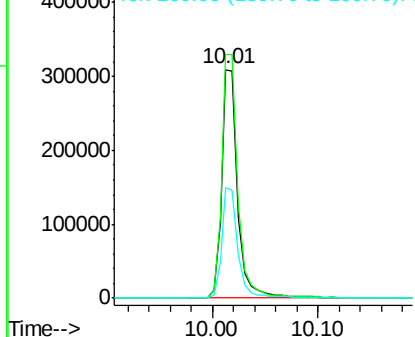


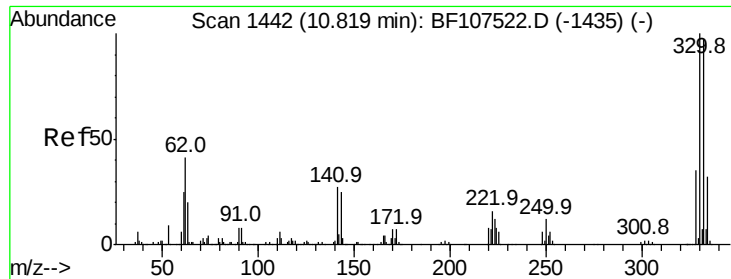
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107560.D
 Acq: 21 Jul 2018 8:03

Tgt Ion:164 Resp: 329752
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 48.2 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

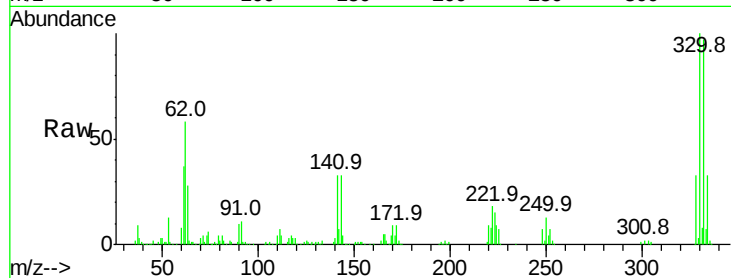




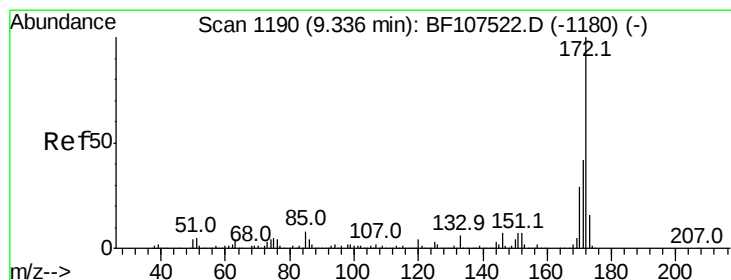
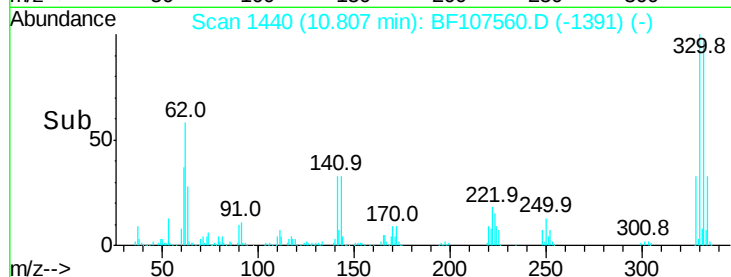
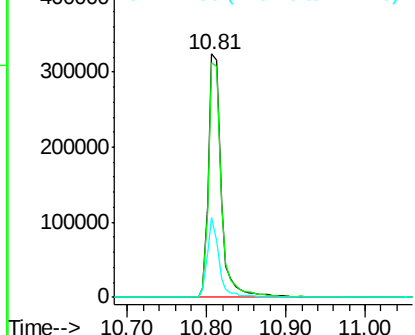
#41
 2,4,6-Tribromophenol
 Concen: 97.718 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107560.D
 Acq: 21 Jul 2018 8:03

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-D-S

Tot Ion:330 Resp: 366423
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 30.4 29.9 44.9

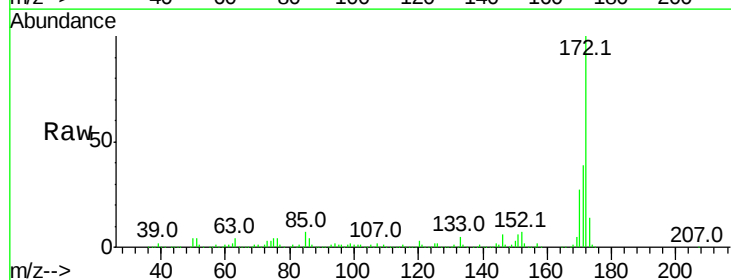


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

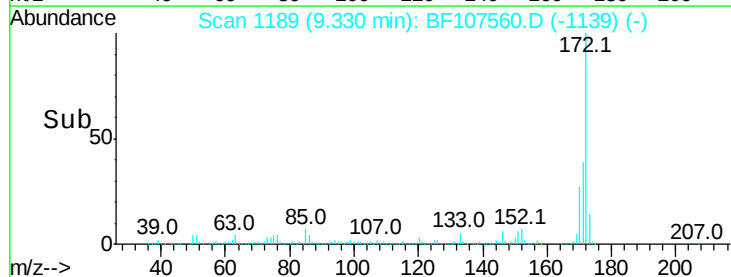
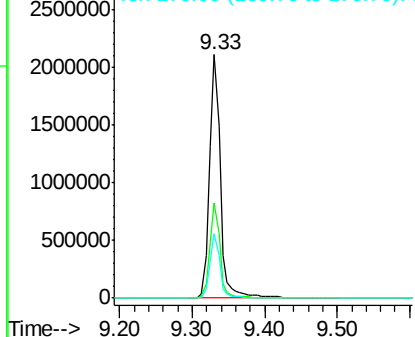


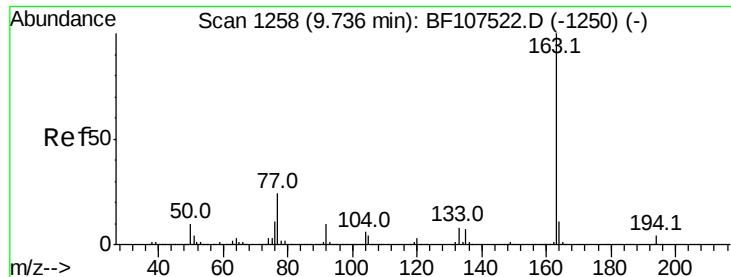
#44
 2-Fluorobiphenyl
 Concen: 134.506 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107560.D
 Acq: 21 Jul 2018 8:03

Tgt Ion:172 Resp: 2212563
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 26.6 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





#49

Dimethylphthalate

Concen: 9.019 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107560.D

Acq: 21 Jul 2018 8:03

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-D-S

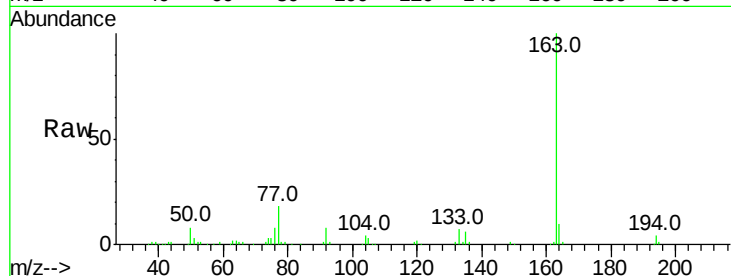
Tot Ion:163 Resp: 224140

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

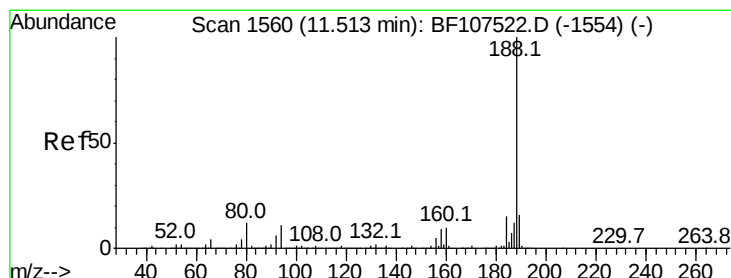
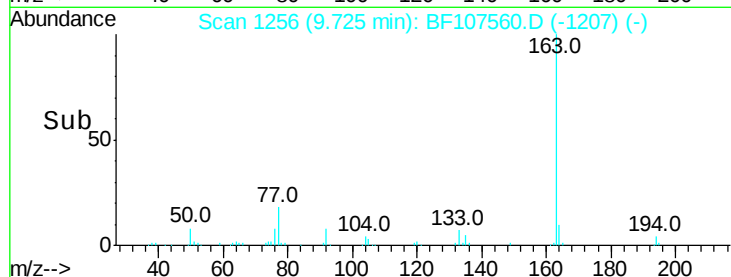
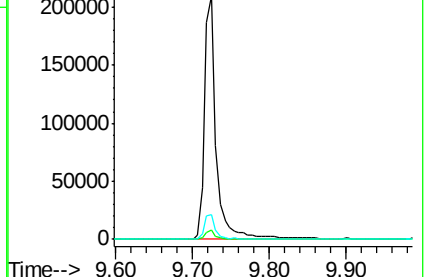
164 10.1 8.2 12.2



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# 1559

Delta R.T. -0.01 min

Lab File: BF107560.D

Acq: 21 Jul 2018 8:03

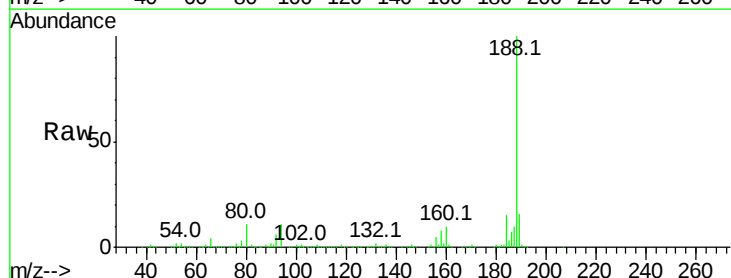
Tgt Ion:188 Resp: 670219

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

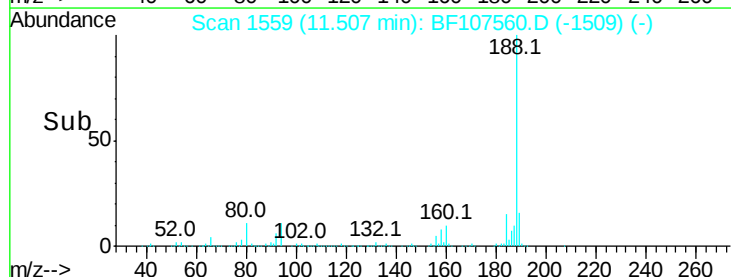
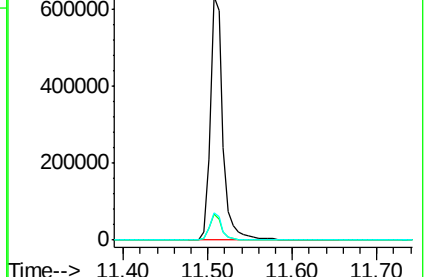
80 11.4 9.2 13.8

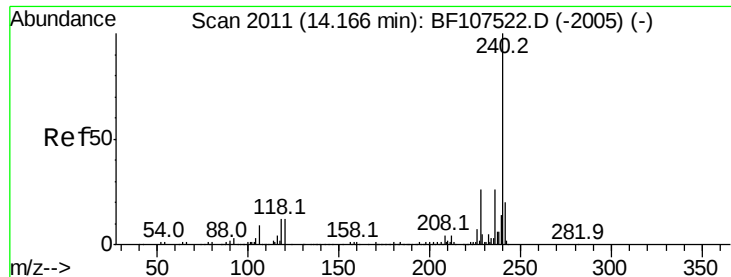


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF107560.D

Acq: 21 Jul 2018 8:03

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-D-S

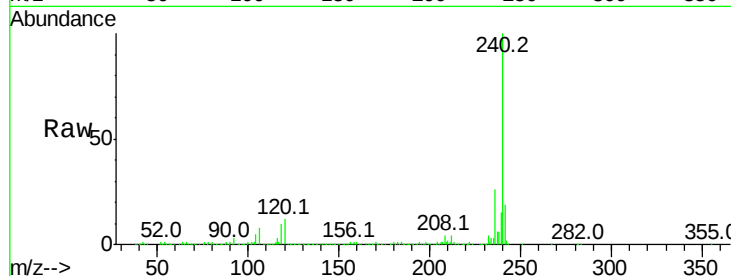
Tot Ion:240 Resp: 745306

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

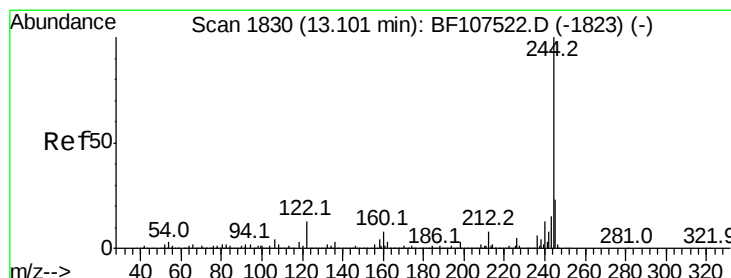
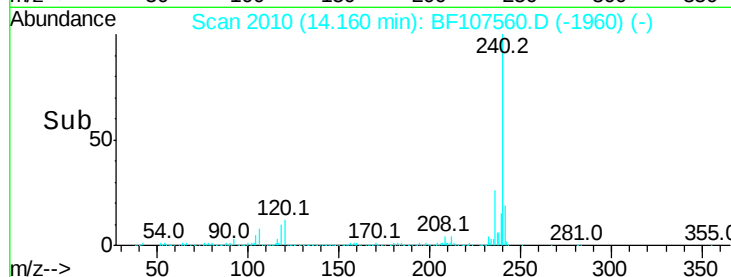
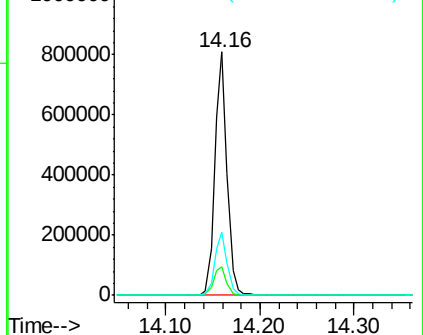
236 26.1 20.7 31.1



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: 79.715 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107560.D

Acq: 21 Jul 2018 8:03

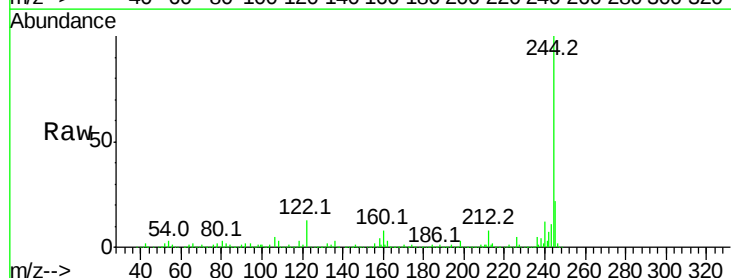
Tgt Ion:244 Resp: 2320689

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

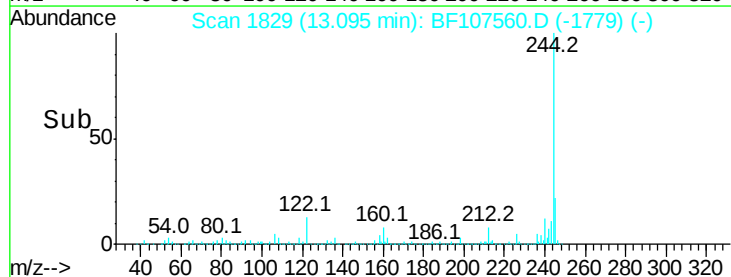
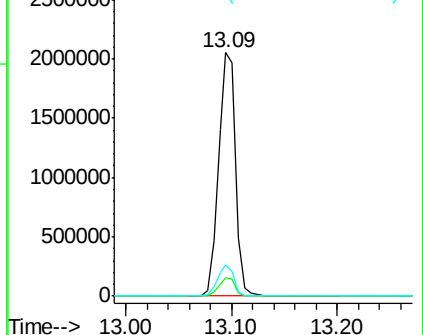
122 12.9 11.0 16.4

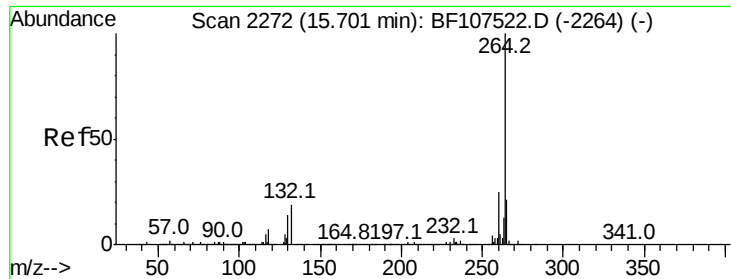


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

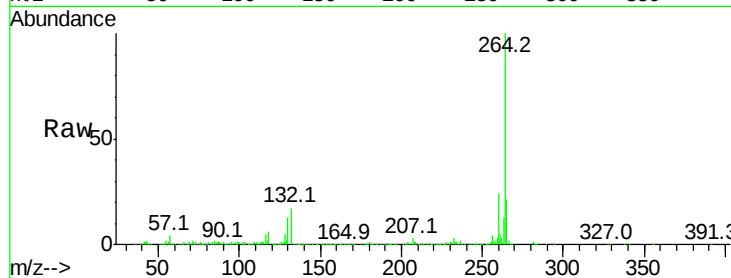




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107560.D
Acq: 21 Jul 2018 8:03

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

