

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107561.D
 Acq On : 21 Jul 2018 8:31
 Operator : JU/SJ
 Sample : J4061-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Jul 23 03:26:49 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	329556	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1214069	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	483855	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	829359	20.00	ng	0.00
75) Chrysene-d12	14.16	240	720997	20.00	ng	0.00
86) Perylene-d12	15.69	264	531793	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	880239	42.94	ng	0.00
7) Phenol-d6	6.60	99	821139	33.36	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1867581	103.82	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	469662	85.36	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2908490	112.22	ng	0.00
78) Terphenyl-d14	13.10	244	2357371	83.70	ng	0.00

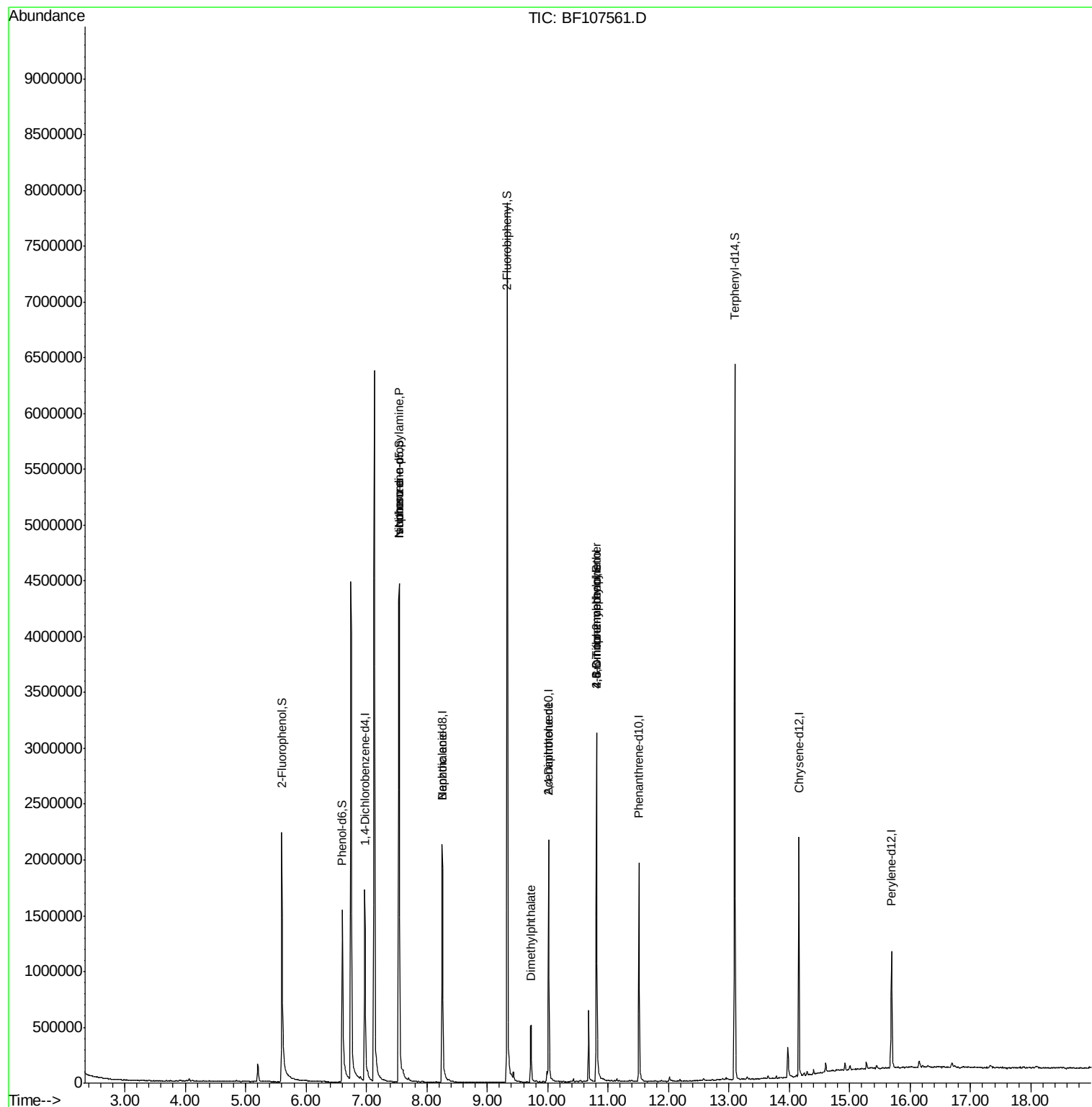
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	1280	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	256396	16.126	ng	# 77
25) Isophorone	7.54	82	1867571	48.621	ng	# 64
32) Benzoic acid	8.25	122	250	7.918	ng	# 1
49) Dimethylphthalate	9.72	163	253949	6.964	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	60928	6.972	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	807	8.846	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	28210	2.889	ng	# 1
73) Di-n-butylphthalate	12.06	149	1676	Below Cal	#	78
81) 3,3'-Dichlorobenzidine	14.07	252	107	Below Cal	#	27

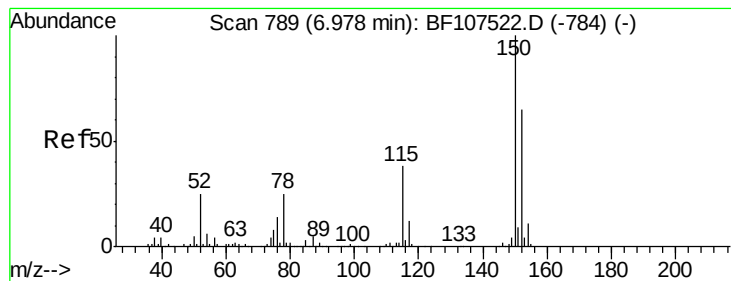
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107561.D
Acq On : 21 Jul 2018 8:31
Operator : JU/SJ
Sample : J4061-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Jul 23 03:26:49 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



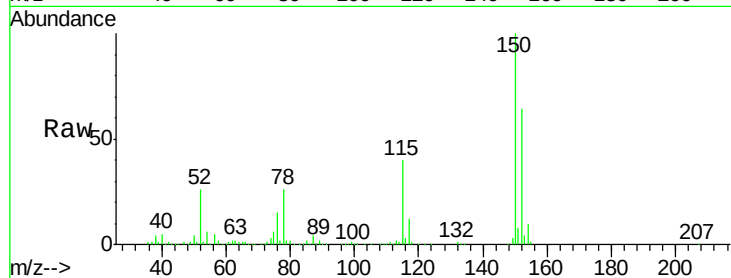


#1

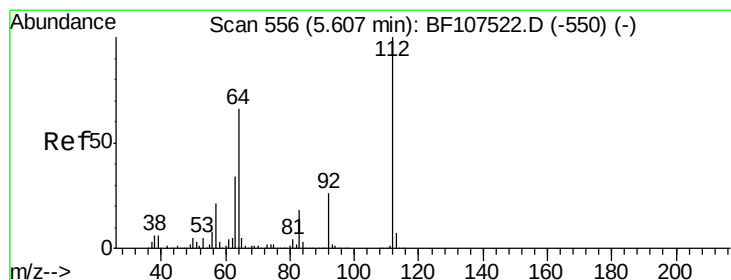
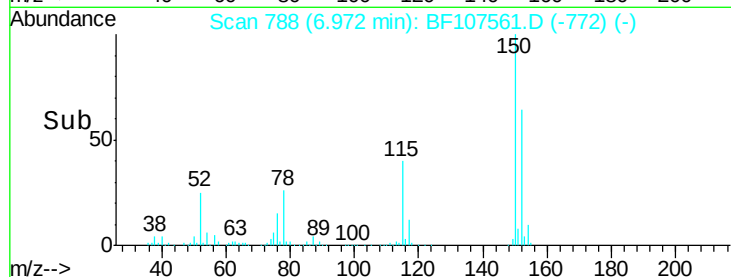
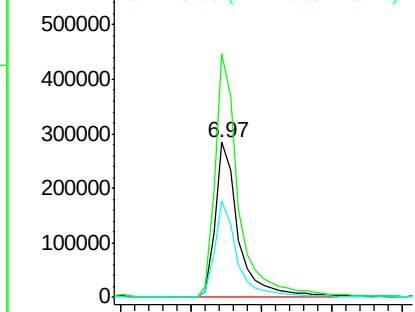
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.2	50.1	75.1



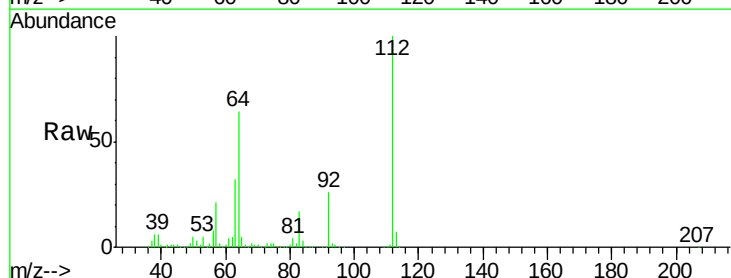
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



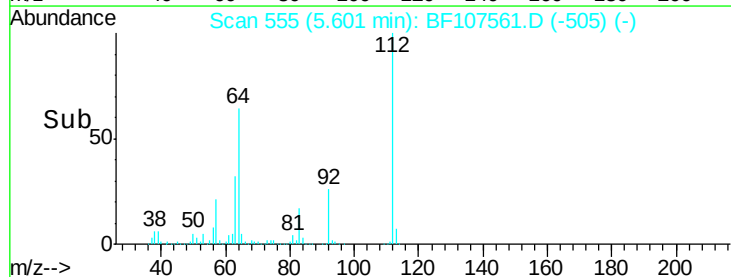
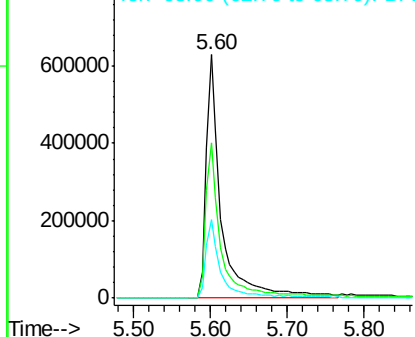
#5

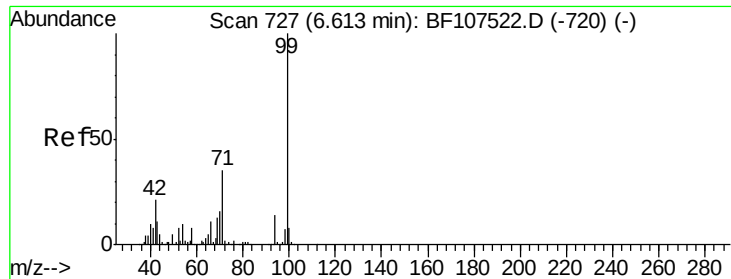
2-Fluorophenol
Concen: 42.944 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.4	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: 33.364 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-B

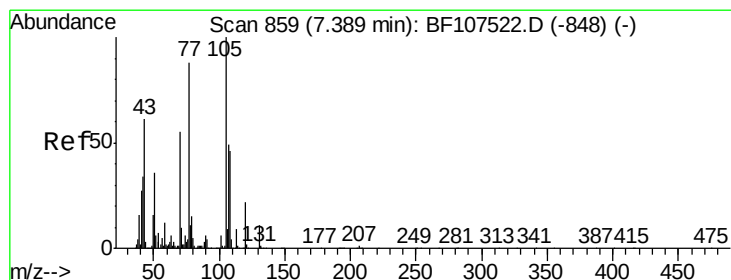
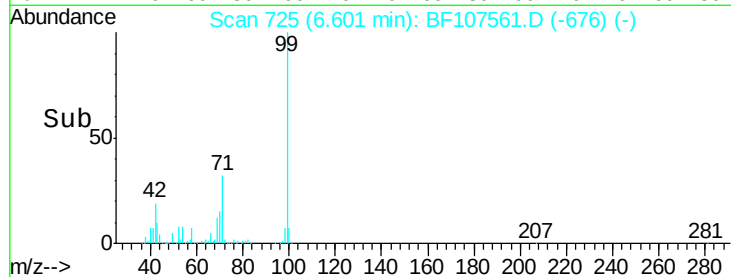
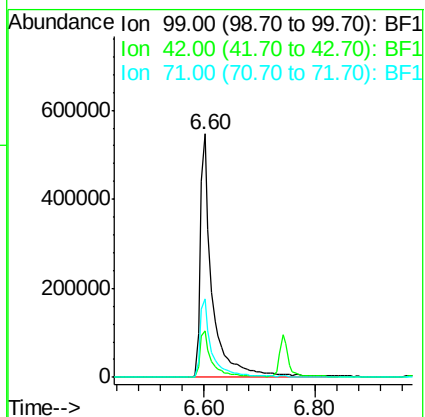
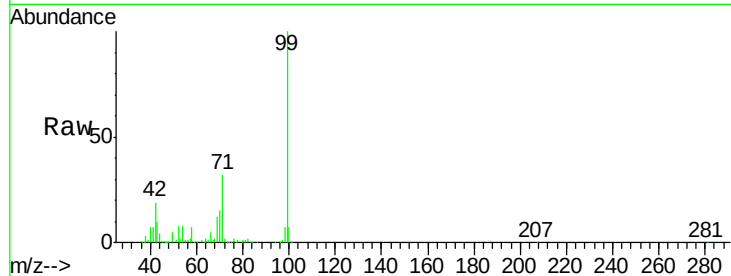
Tgt Ion: 99 Resp: 821139

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.126 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Tgt Ion: 70 Resp: 256396

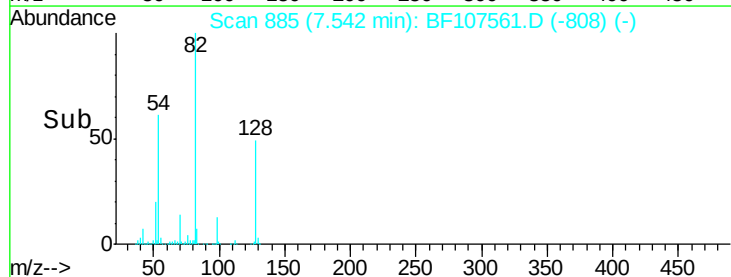
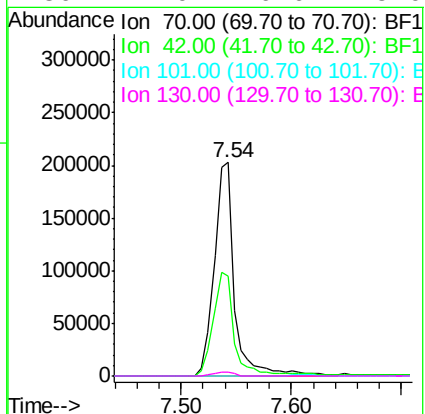
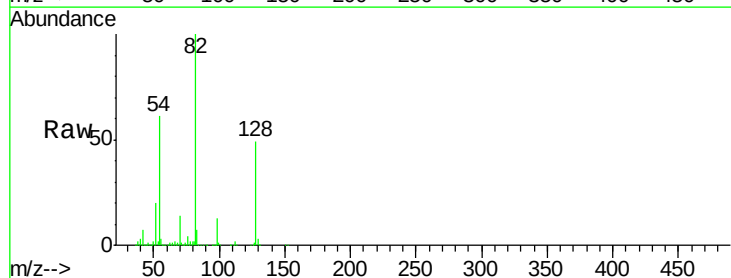
Ion Ratio Lower Upper

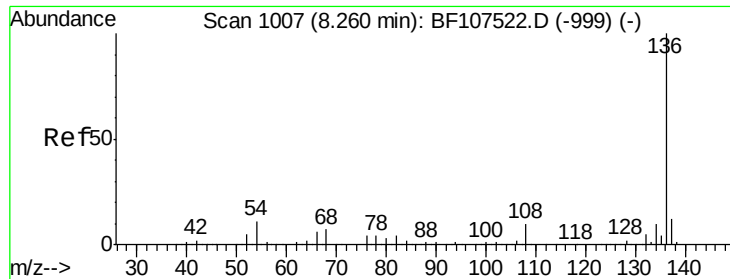
70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

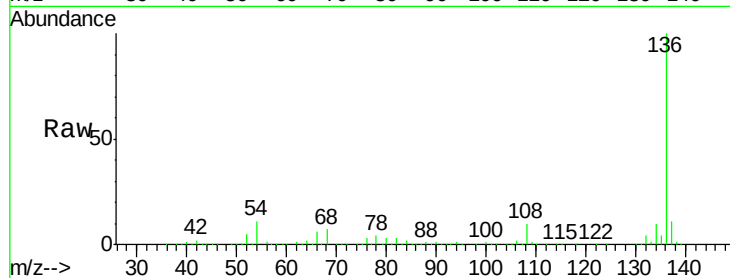




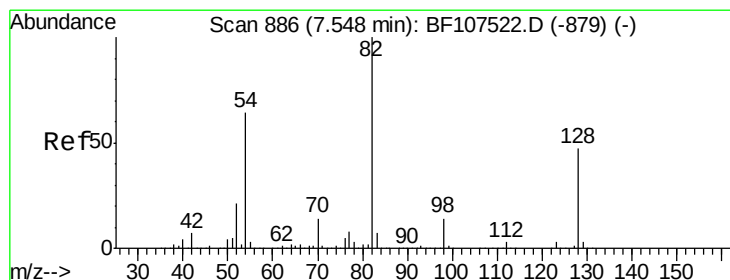
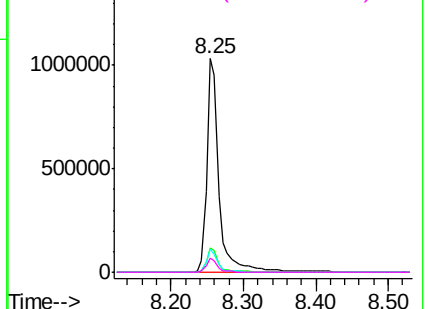
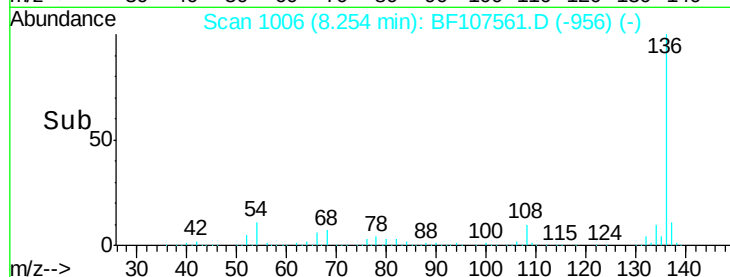
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

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

Tgt Ion: 136 Resp: 1214069
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 10.6 6.6 9.8#
68 6.8 5.0 7.4

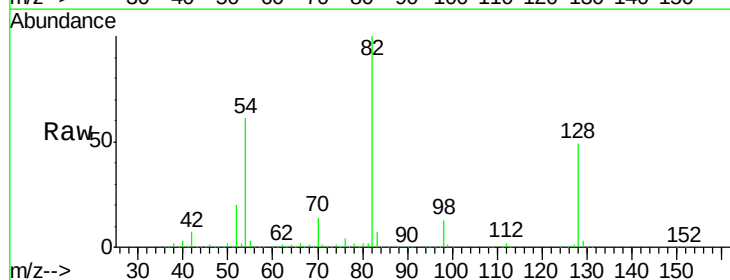


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

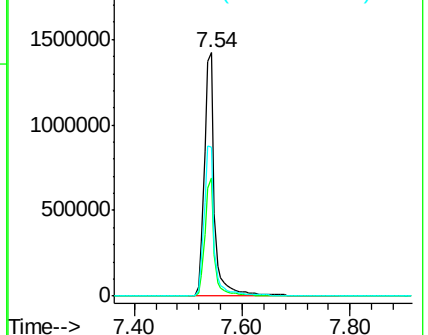
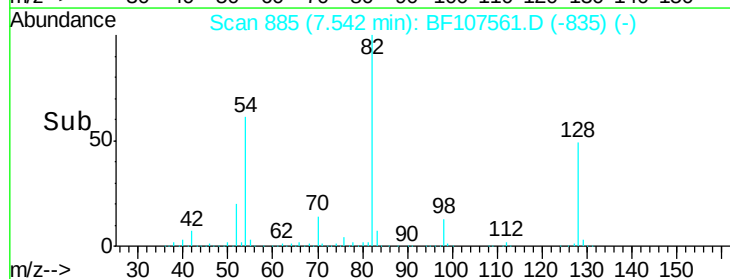


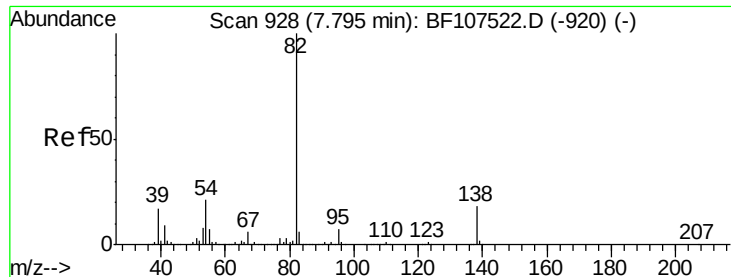
#23
Nitrobenzene-d5
Concen: 103.815 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

Tgt Ion: 82 Resp: 1867581
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 61.2 41.4 62.2



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





#25

Isophorone

Concen: 48.621 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.25 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-B

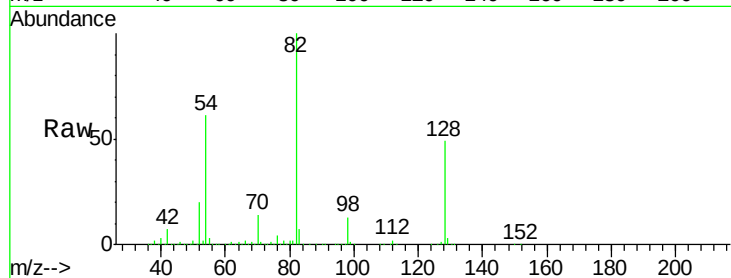
Tgt Ion: 82 Resp: 1867571

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

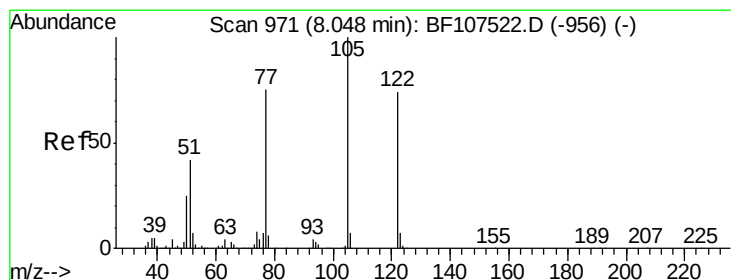
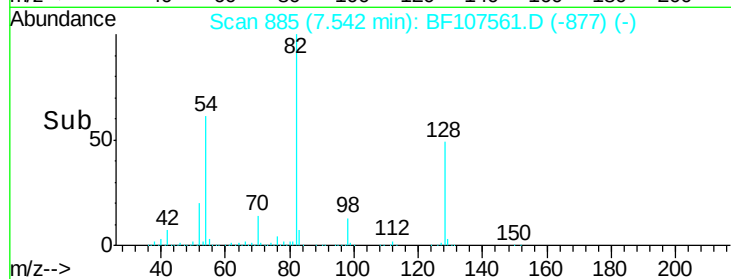
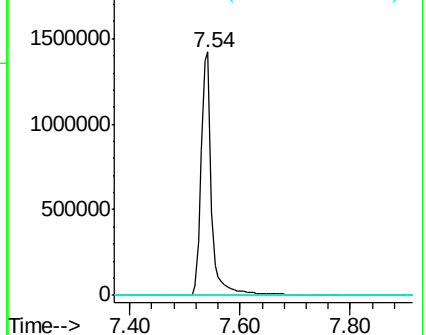
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.918 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.21 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

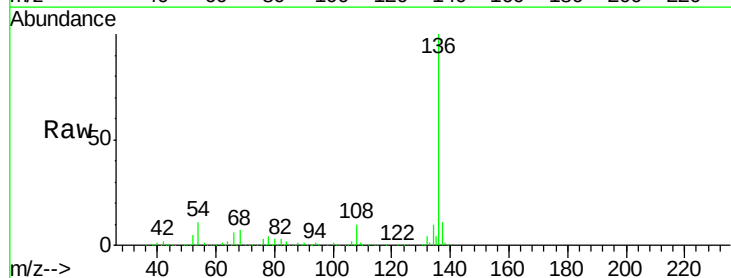
Tgt Ion: 122 Resp: 250

Ion Ratio Lower Upper

122 100

105 181.6 101.1 141.1#

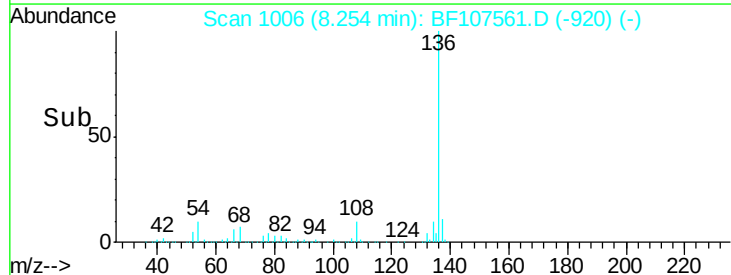
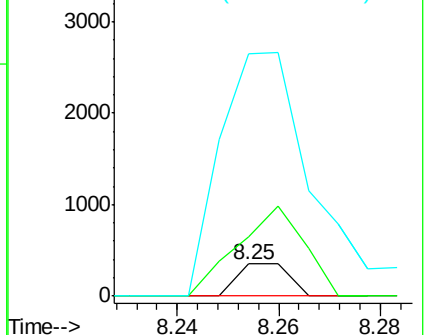
77 748.9 70.7 110.7#

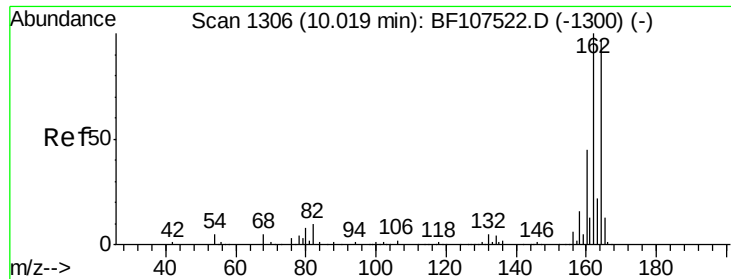


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

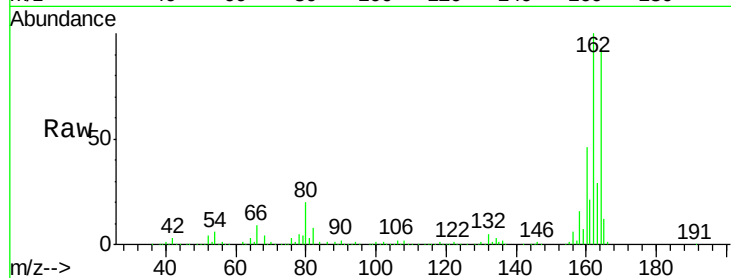




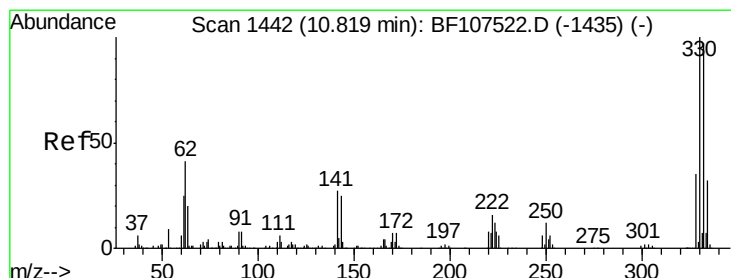
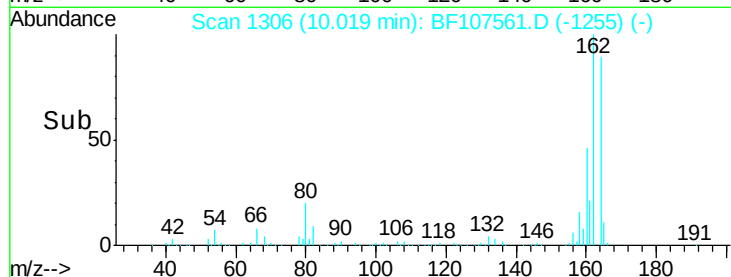
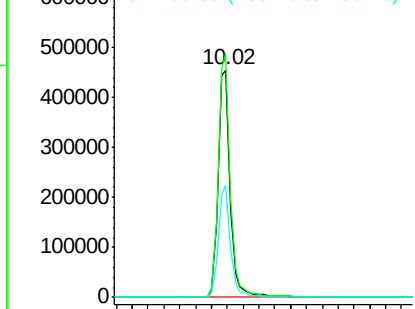
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

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

Tgt Ion:164 Resp: 483855
 Ion Ratio Lower Upper
 164 100
 162 107.2 86.1 129.1
 160 49.1 38.3 57.5

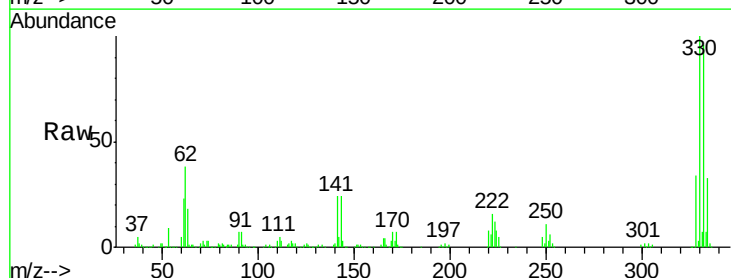


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

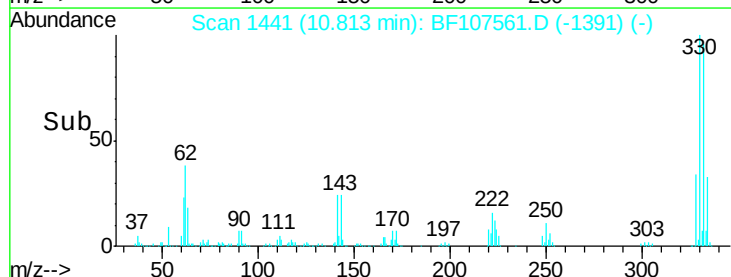
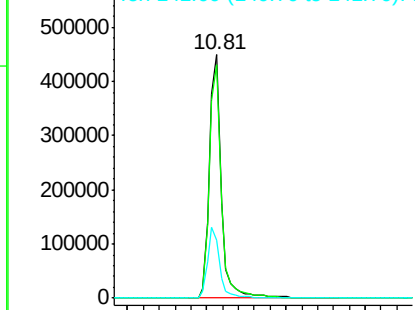


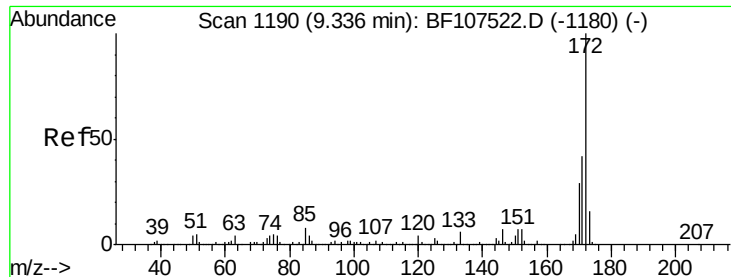
#41
 2,4,6-Tribromophenol
 Concen: 85.359 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

Tgt Ion:330 Resp: 469662
 Ion Ratio Lower Upper
 330 100
 332 96.8 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

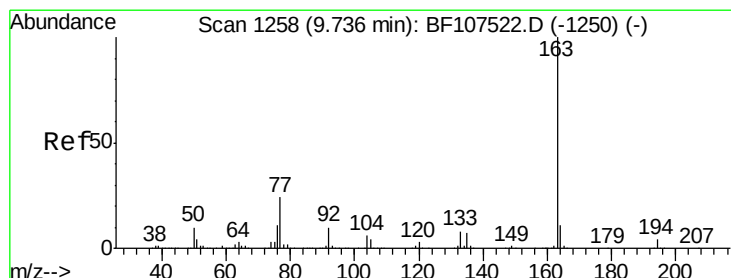
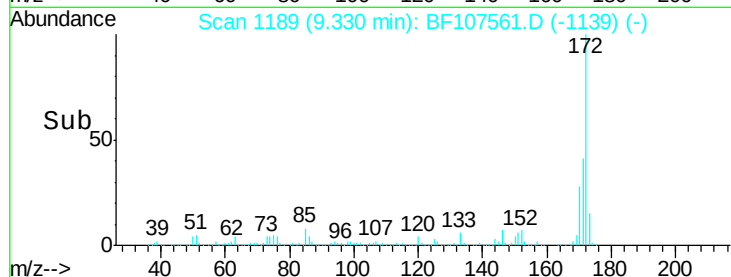
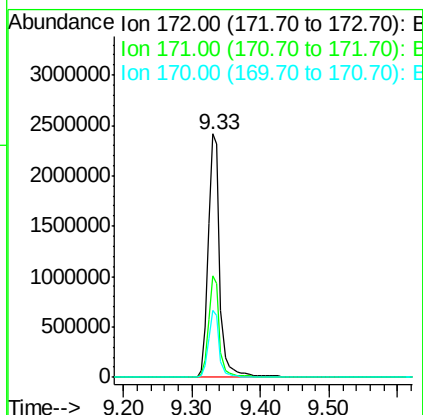
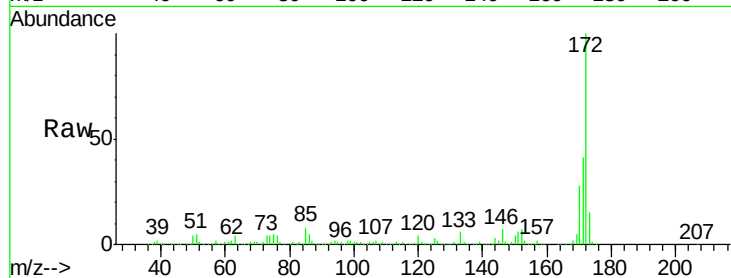




#44
2-Fluorobiphenyl
Concen: 112.217 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

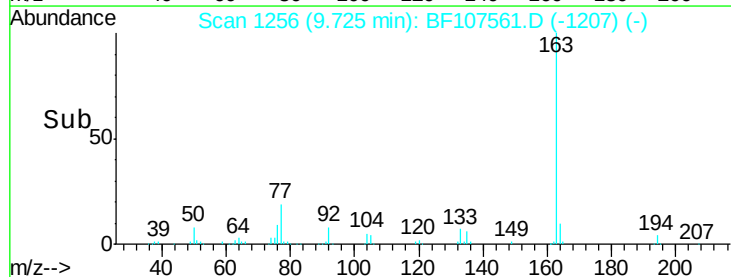
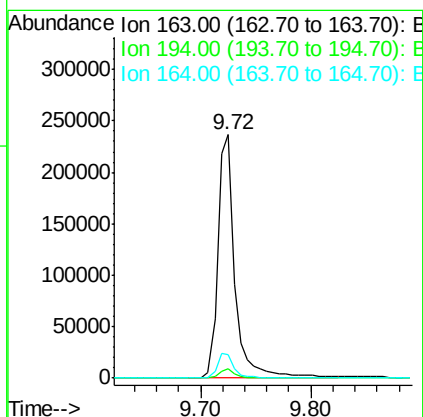
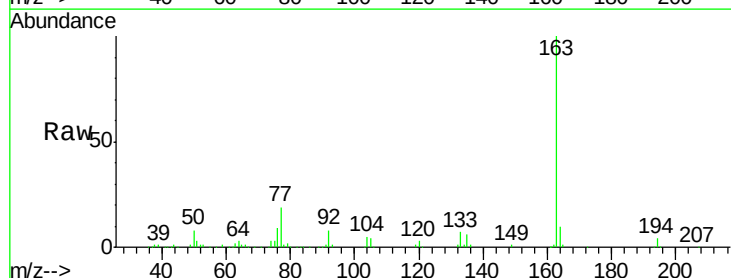
Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-B

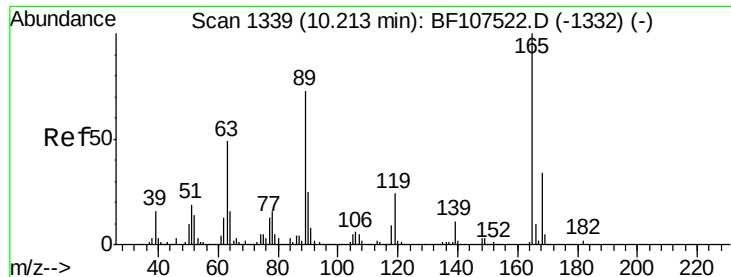
Tgt Ion:172 Resp: 2908490
Ion Ratio Lower Upper
172 100
171 41.4 29.7 44.5
170 27.6 19.6 29.4



#49
Dimethylphthalate
Concen: 6.964 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

Tgt Ion:163 Resp: 253949
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.2 12.2

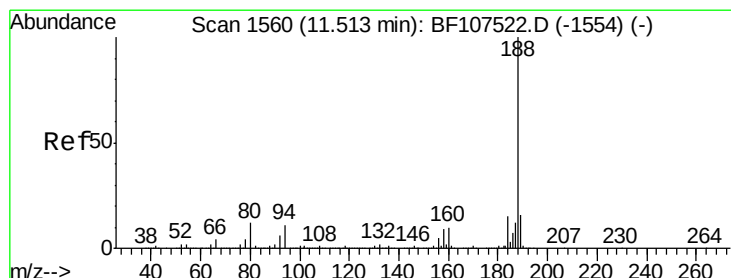
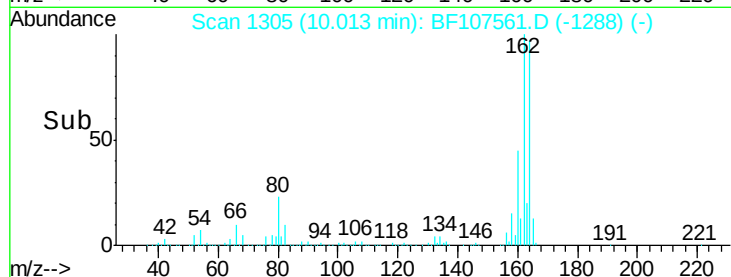
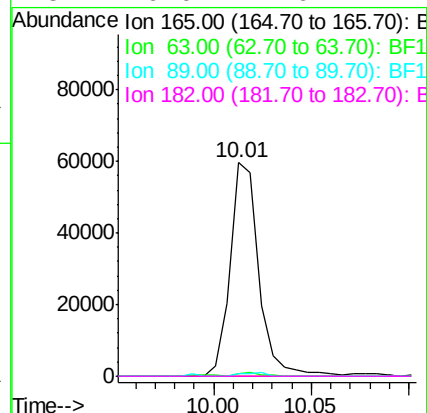
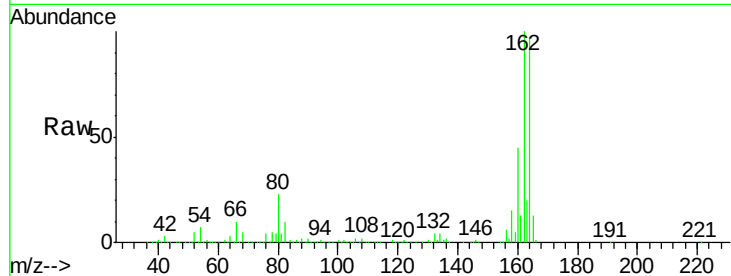




#56
 2,4-Dinitrotoluene
 Concen: 6.972 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

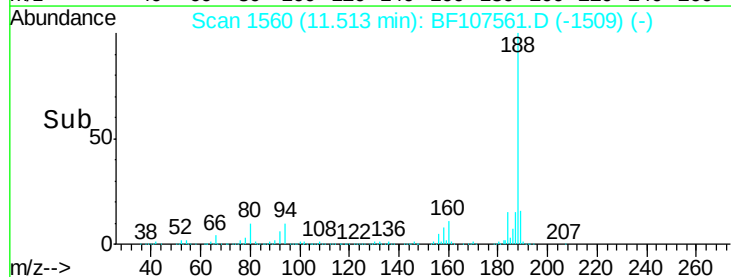
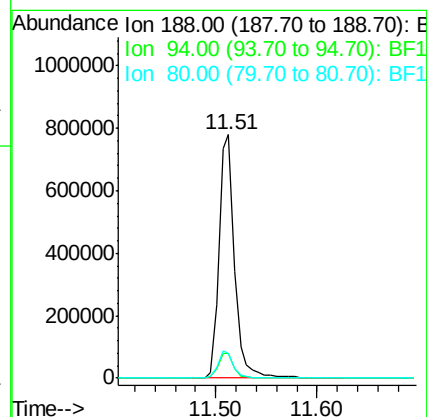
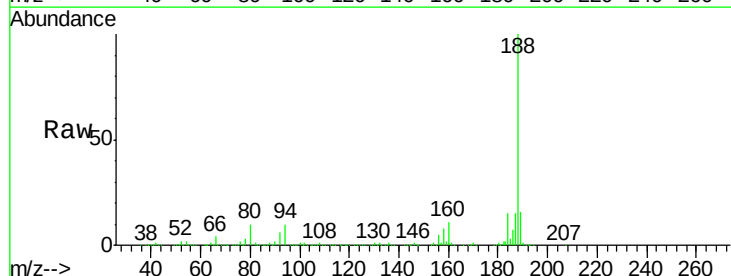
Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-B

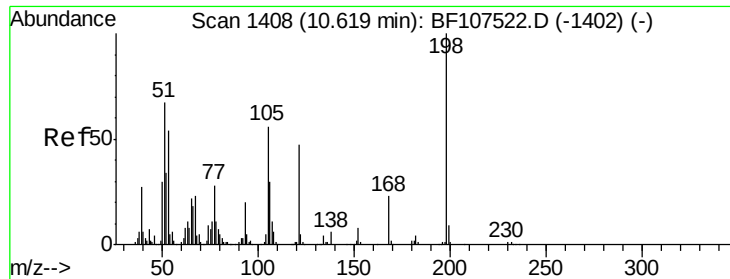
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	9.2	13.8

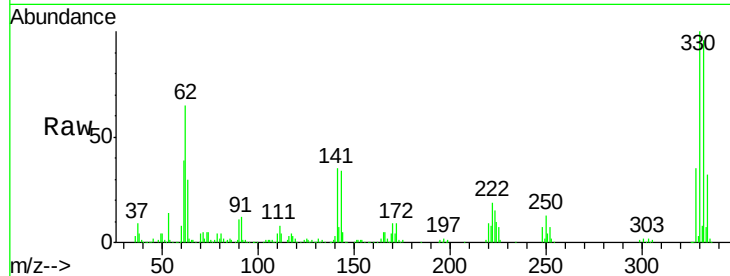




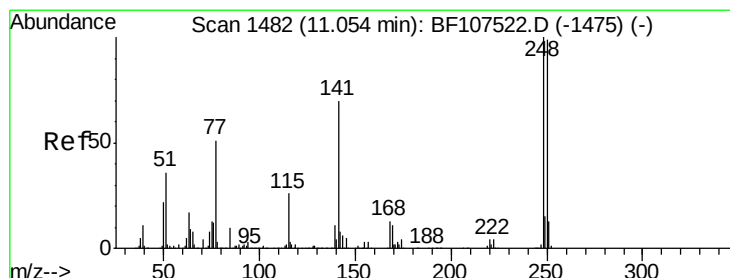
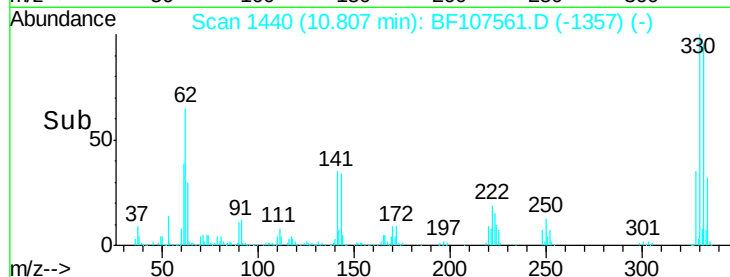
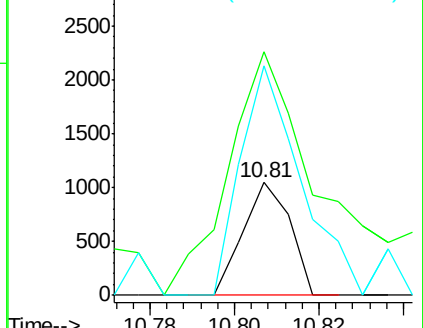
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.846 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

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

Tgt Ion:198 Resp: 807
 Ion Ratio Lower Upper
 198 100
 51 216.4 37.7 77.7#
 105 203.8 36.3 76.3#

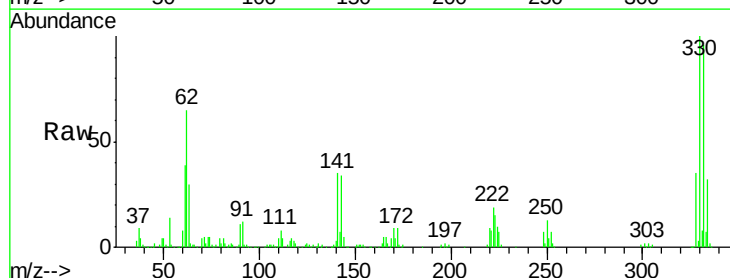


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

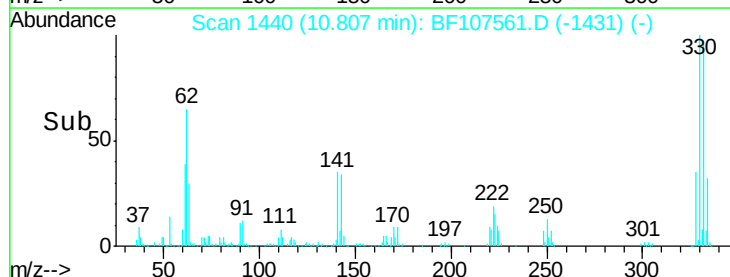
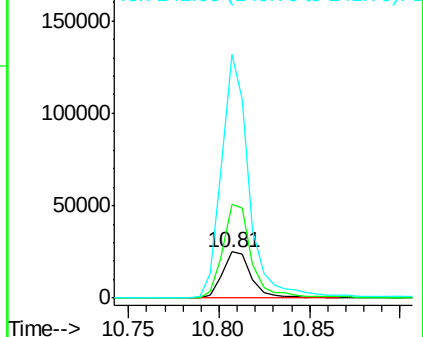


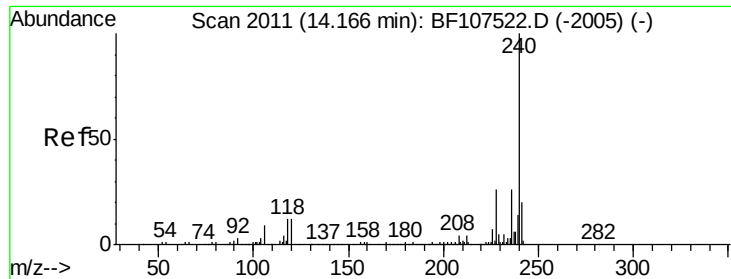
#66
 4-Bromophenyl-phenylether
 Concen: 2.889 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF107561.D
 Acq: 21 Jul 2018 8:31

Tgt Ion:248 Resp: 28210
 Ion Ratio Lower Upper
 248 100
 250 201.4 76.9 115.3#
 141 524.6 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-B

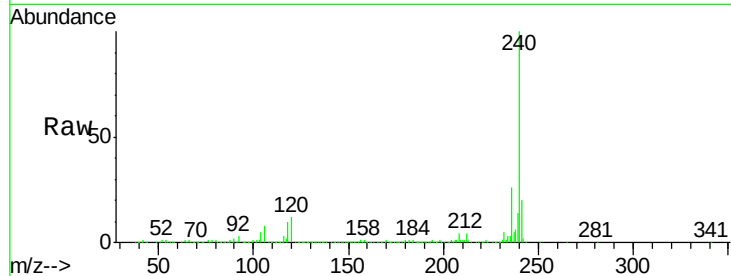
Tgt Ion:240 Resp: 720997

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

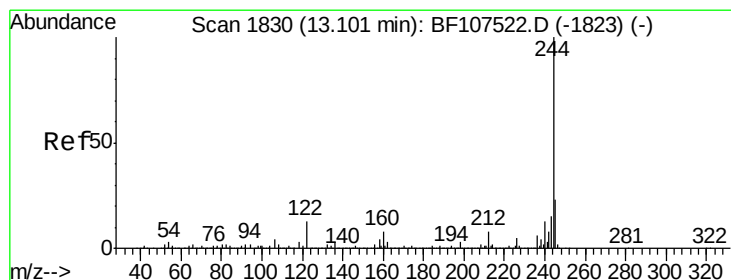
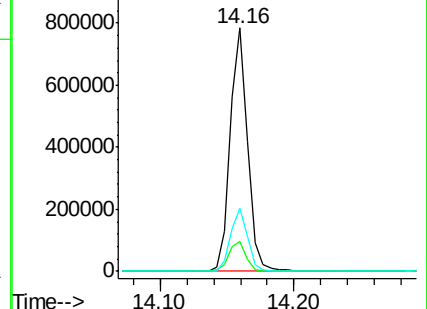
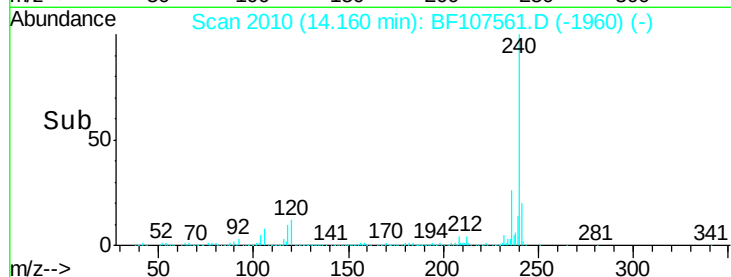
236 26.0 20.7 31.1



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: 83.705 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107561.D

Acq: 21 Jul 2018 8:31

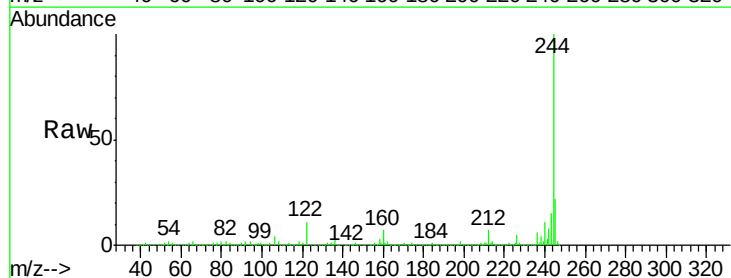
Tgt Ion:244 Resp: 2357371

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

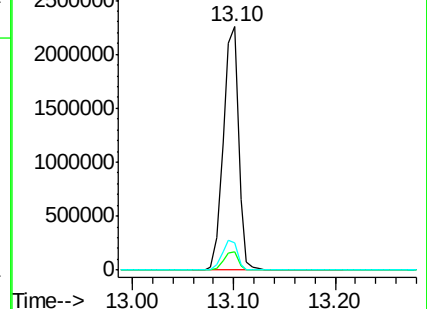
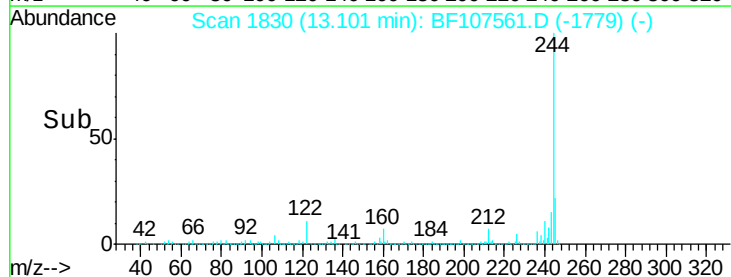
122 11.2 11.0 16.4

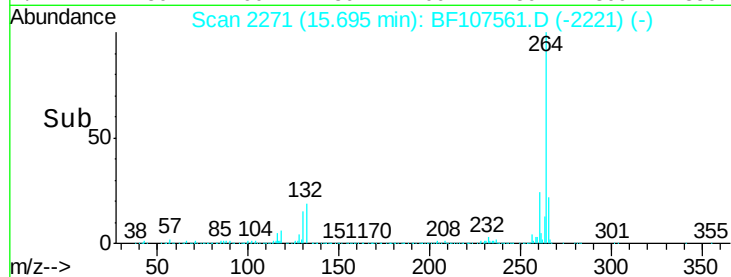
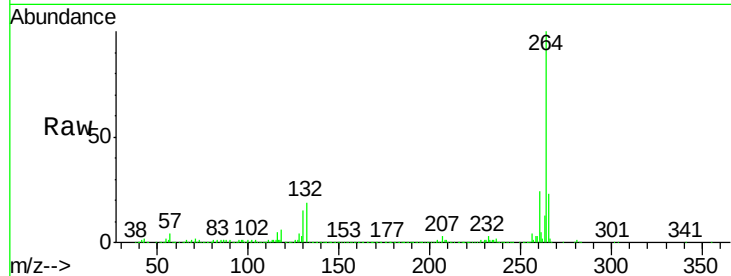
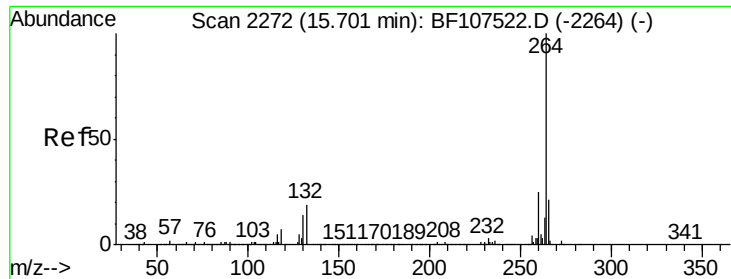


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107561.D
Acq: 21 Jul 2018 8:31

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.6	17.5	26.3

