

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
 Data File : BF107505.D
 Acq On : 19 Jul 2018 9:48
 Operator : JU/SJ
 Sample : J4033-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-U-B

Quant Time: Jul 19 10:50:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	112246	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	404085	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	208920	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	371859	20.00	ng	0.00
75) Chrysene-d12	14.17	240	285353	20.00	ng	-0.01
86) Perylene-d12	15.71	264	258130	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	303446	41.06	ng	0.00
7) Phenol-d6	6.60	99	272315	28.50	ng	-0.01
23) Nitrobenzene-d5	7.55	82	900249	118.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	181900	99.10	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1353352	111.37	ng	0.00
78) Terphenyl-d14	13.11	244	1190611	103.67	ng	0.00

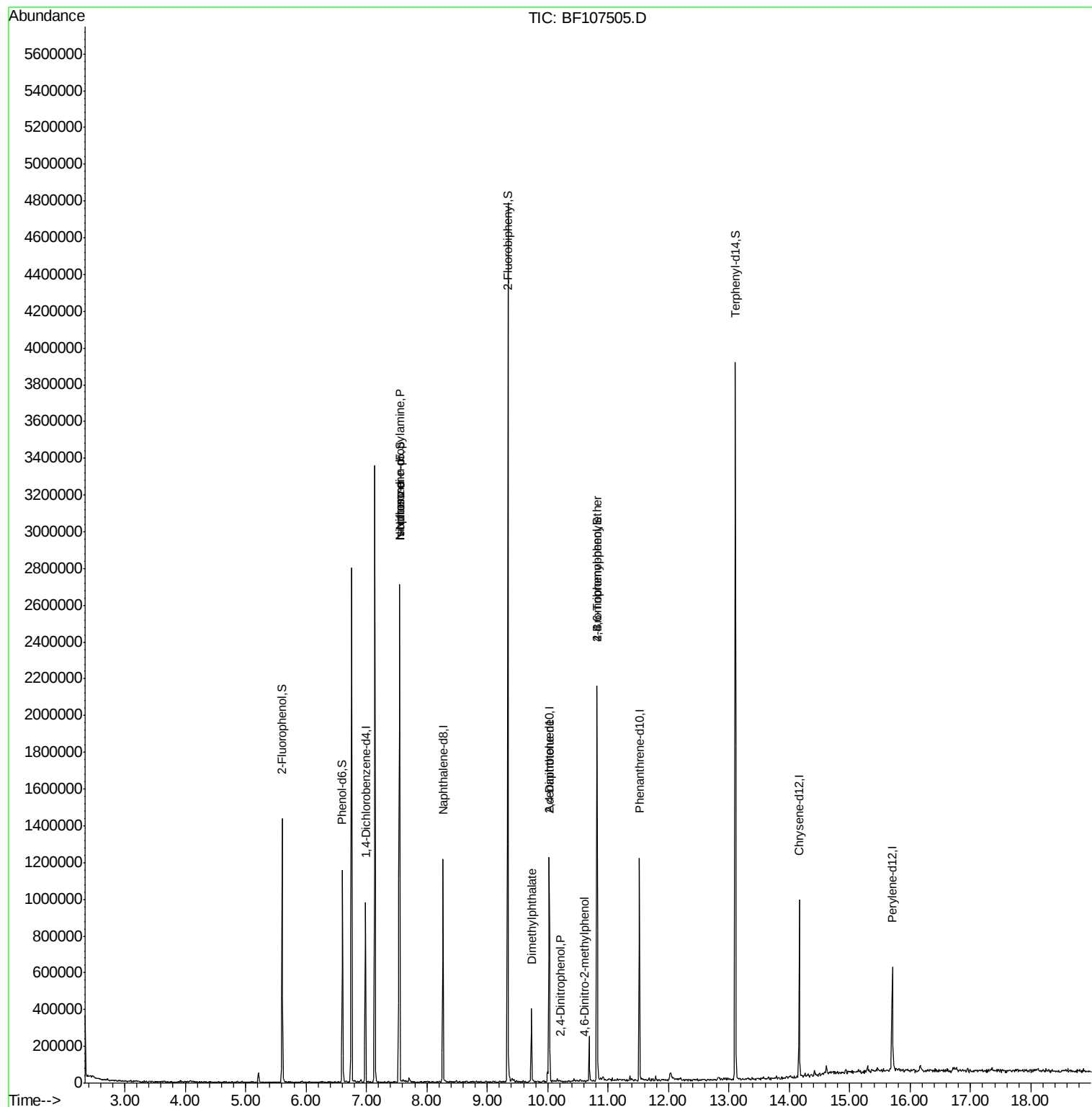
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	151228	22.104	ng	# 75
25) Isophorone	7.55	82	900240	59.935	ng	# 64
49) Dimethylphthalate	9.73	163	128505	7.742	ng	# 99
53) 2,4-Dinitrophenol	10.21	184	184	2.489	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	28176	6.824	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.61	198	127	7.543	ng	# 20
66) 4-Bromophenyl-phenylether	10.82	248	19592	4.605	ng	# 1

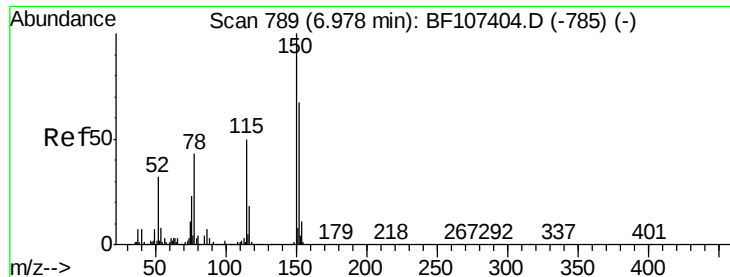
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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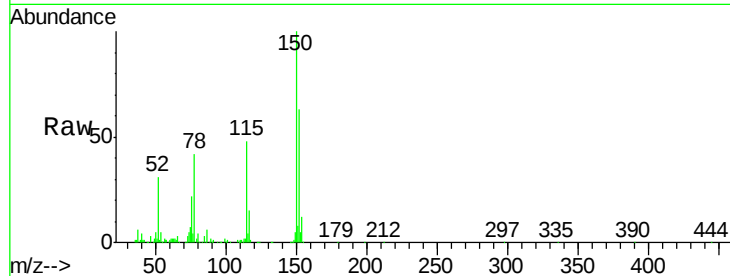


#1

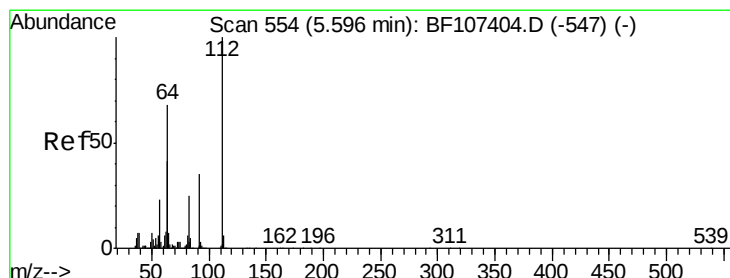
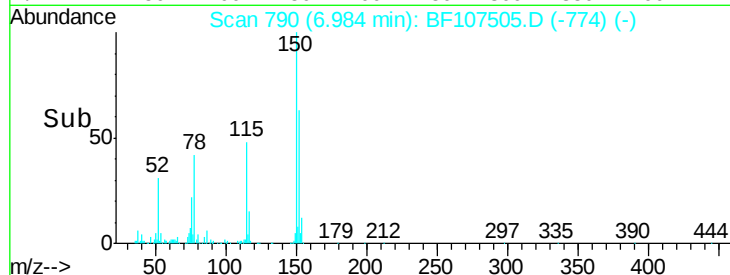
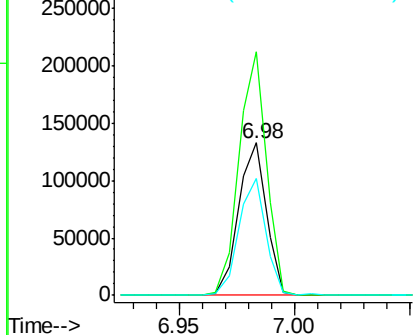
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-B

Tgt Ion:152 Resp: 112246
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 76.7 50.1 75.1#



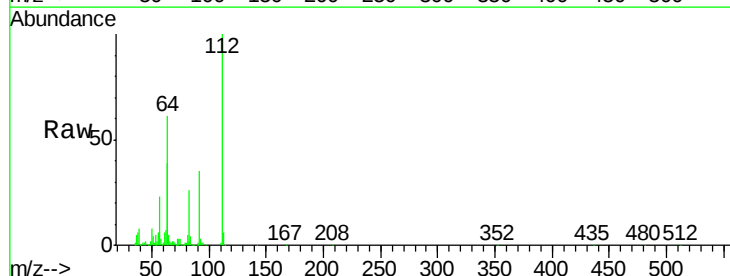
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



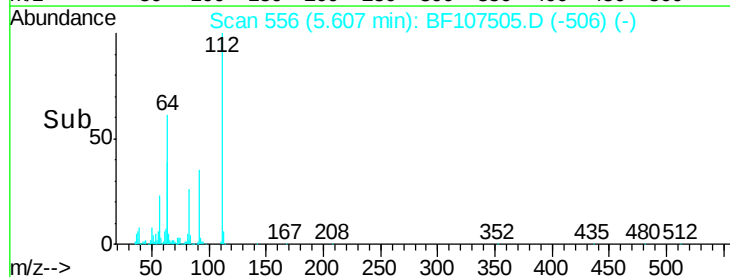
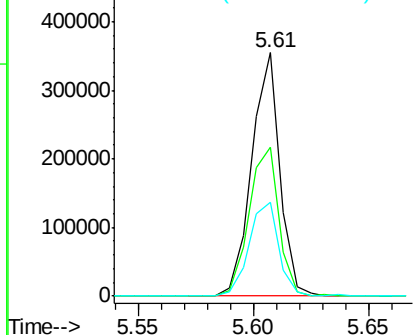
#5

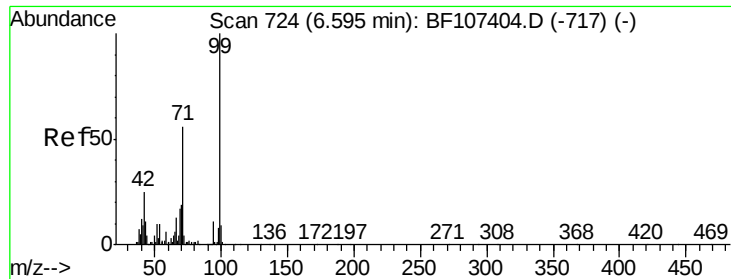
2-Fluorophenol
Concen: 41.058 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:112 Resp: 303446
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 38.7 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: 28.499 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-U-B

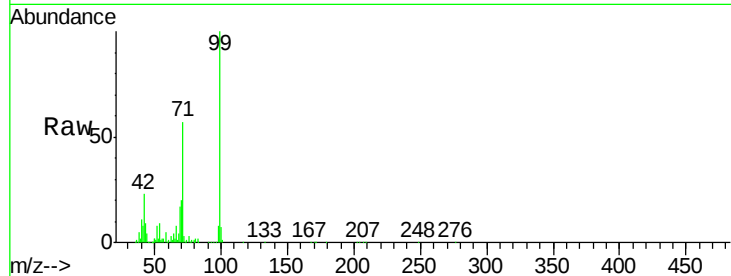
Tgt Ion: 99 Resp: 272315

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

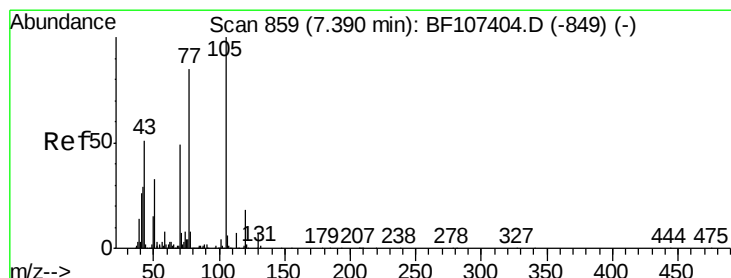
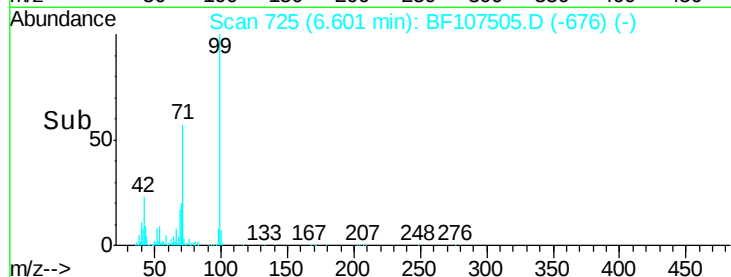
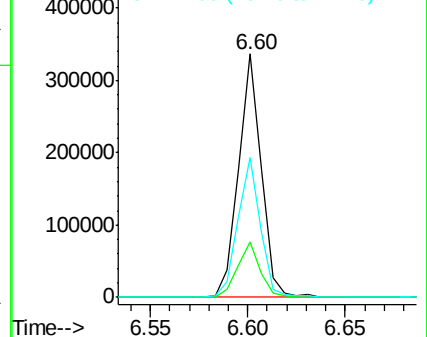
71 57.3 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 22.104 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Tgt Ion: 70 Resp: 151228

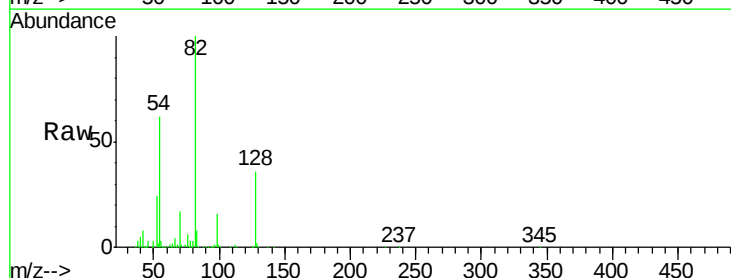
Ion Ratio Lower Upper

70 100

42 44.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.3 16.6 25.0#

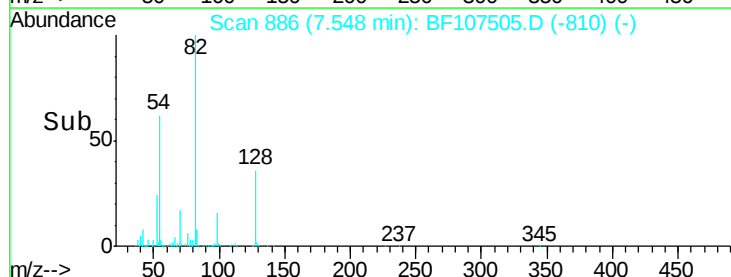
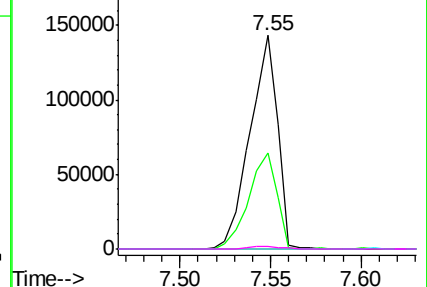


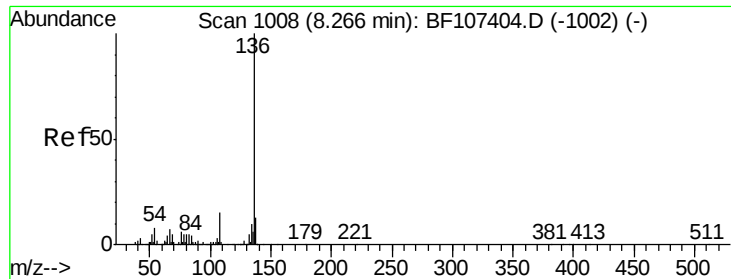
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

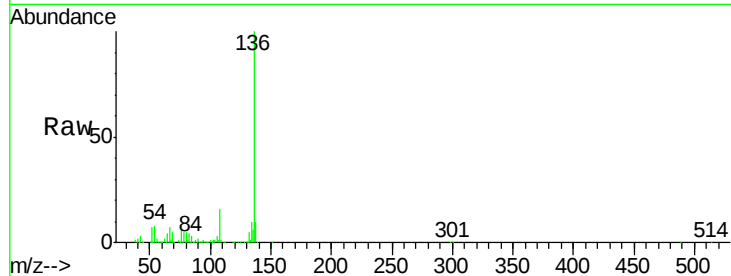




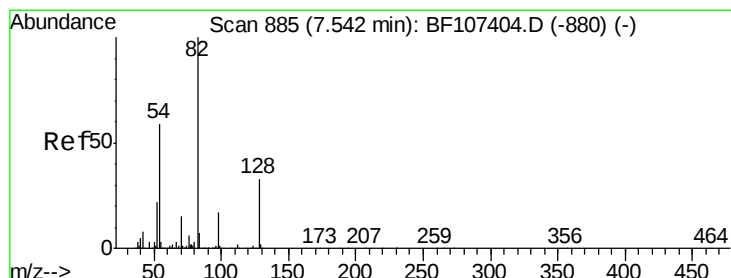
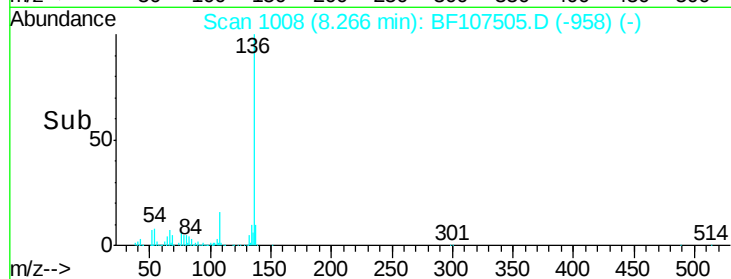
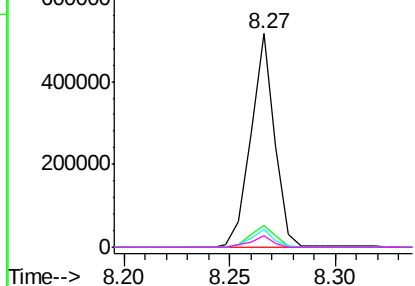
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-B

Tgt Ion:	136	Resp:	404085
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.2	6.6	9.8
68	5.2	5.0	7.4

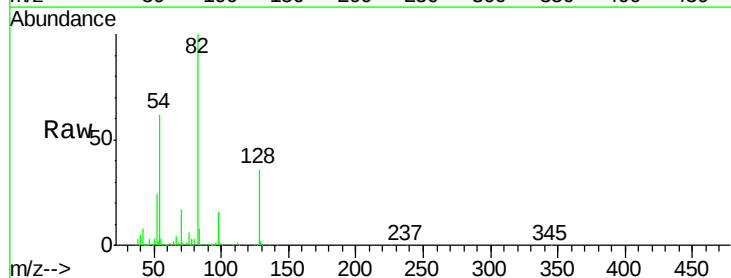


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

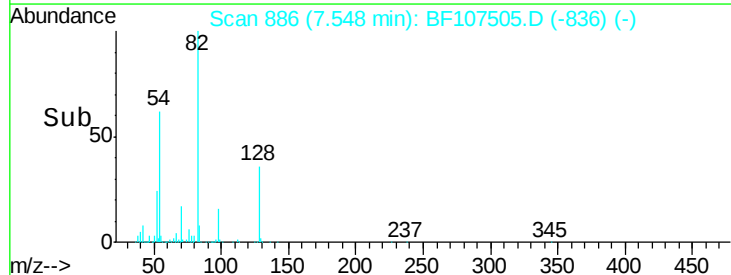
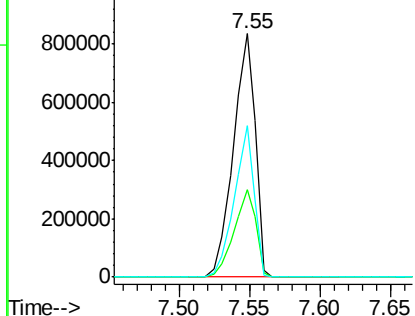


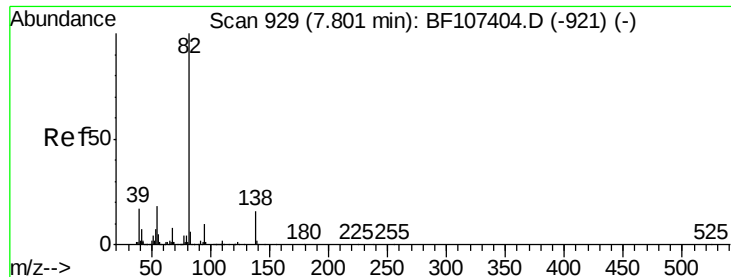
#23
Nitrobenzene-d5
Concen: 118.799 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:	82	Resp:	900249
Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.1	54.1
54	62.4	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: 59.935 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-U-B

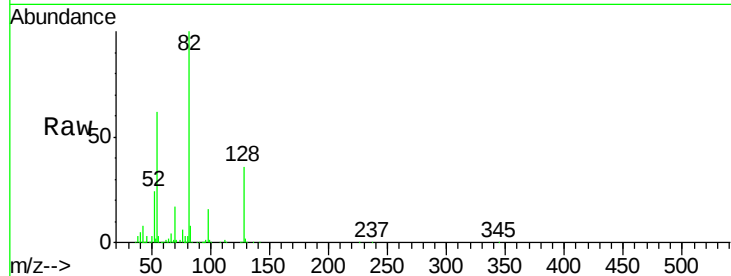
Tgt Ion: 82 Resp: 900240

Ion Ratio Lower Upper

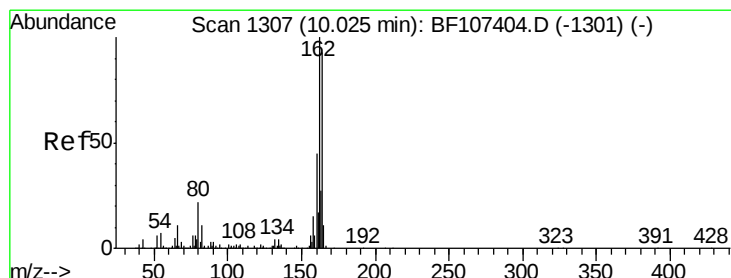
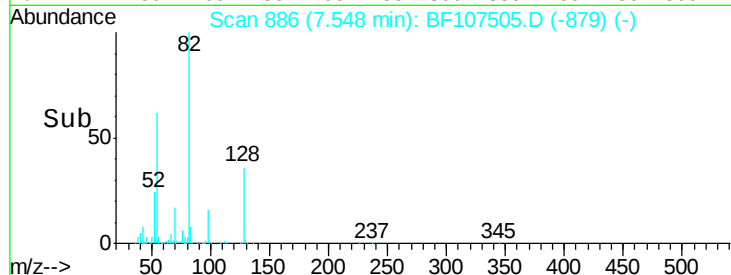
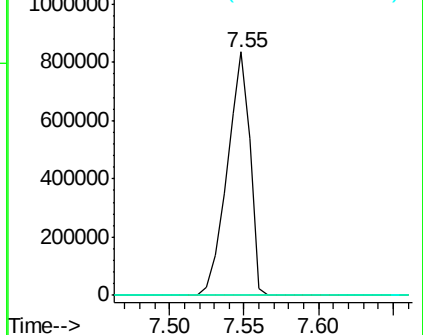
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

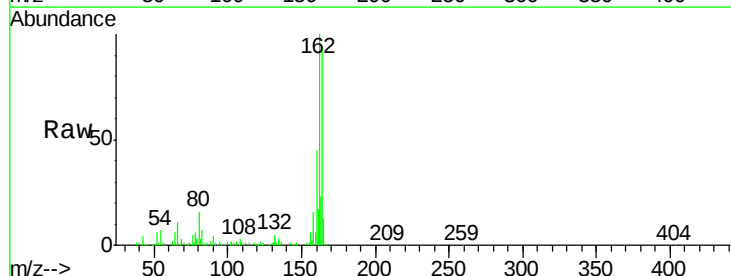
Tgt Ion: 164 Resp: 208920

Ion Ratio Lower Upper

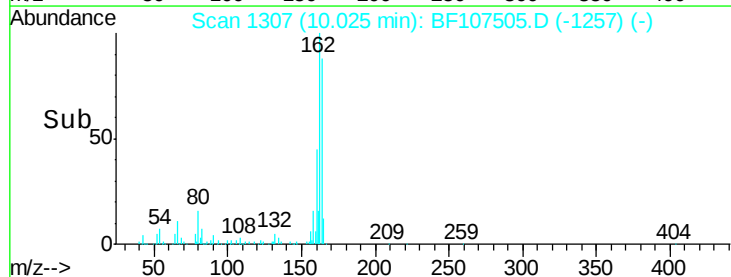
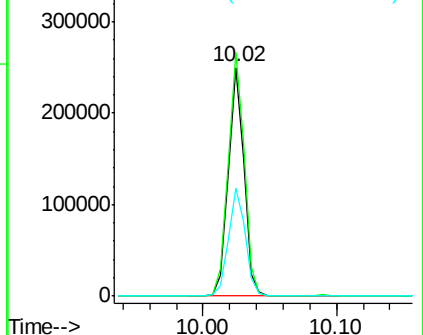
164 100

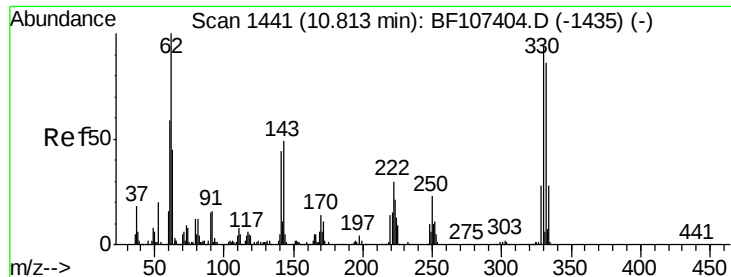
162 106.4 86.1 129.1

160 47.4 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: 99.095 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-U-B

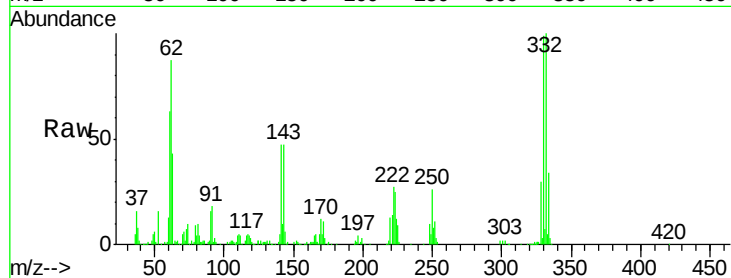
Tgt Ion:330 Resp: 181900

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

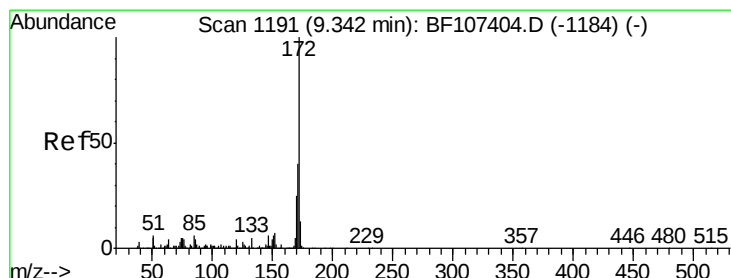
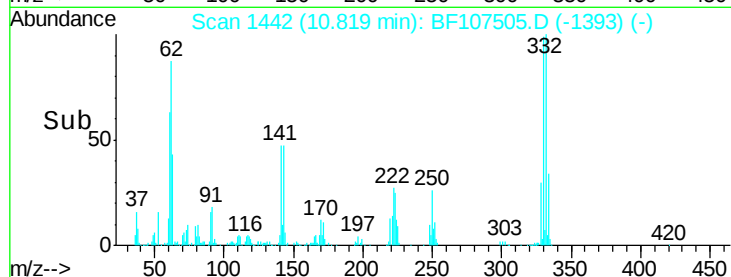
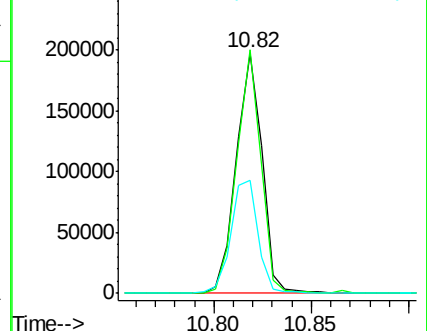
141 49.2 29.9 44.9#



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: 111.371 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

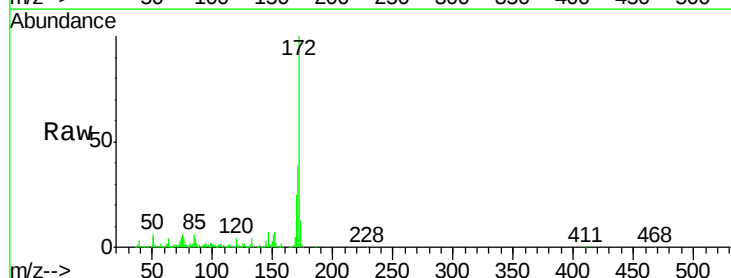
Tgt Ion:172 Resp: 1353352

Ion Ratio Lower Upper

172 100

171 39.1 29.7 44.5

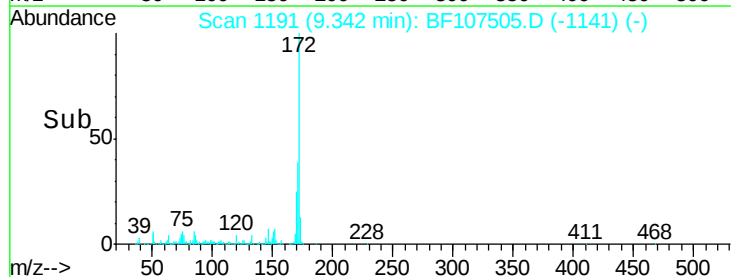
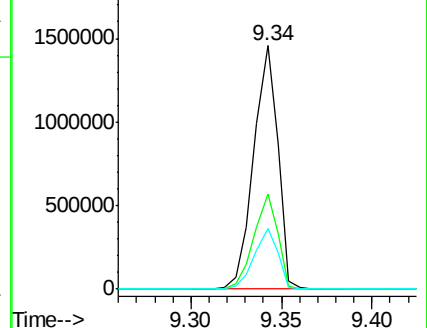
170 25.0 19.6 29.4

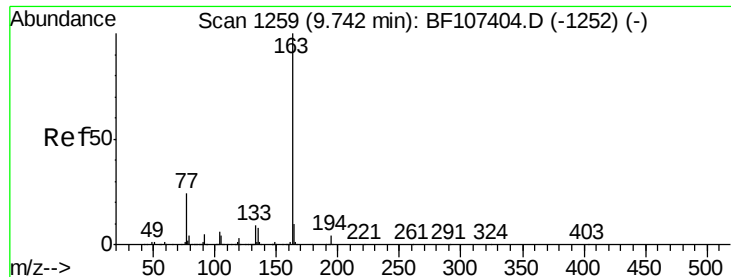


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.742 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

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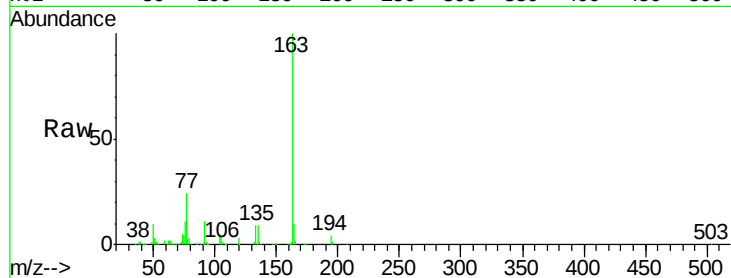
Tgt Ion:163 Resp: 128505

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

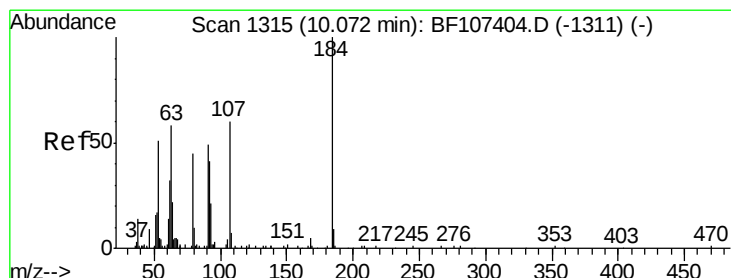
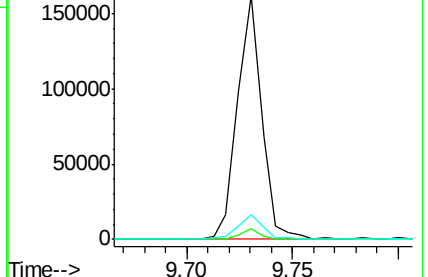
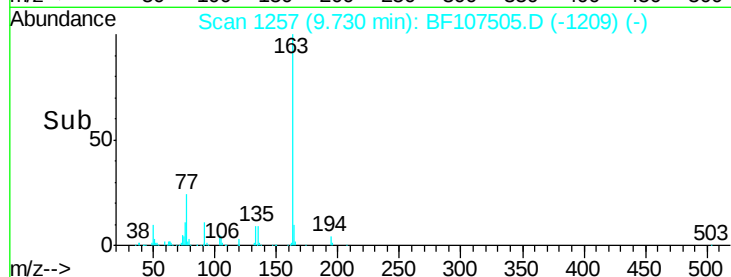
164 10.3 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 2.489 ng

RT: 10.21 min Scan# 1339

Delta R.T. 0.12 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

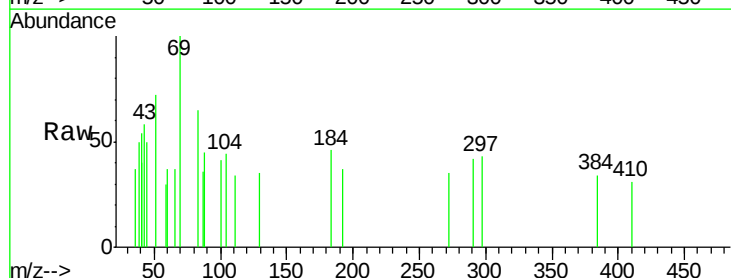
Tgt Ion:184 Resp: 184

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

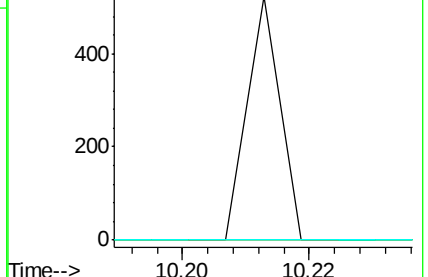
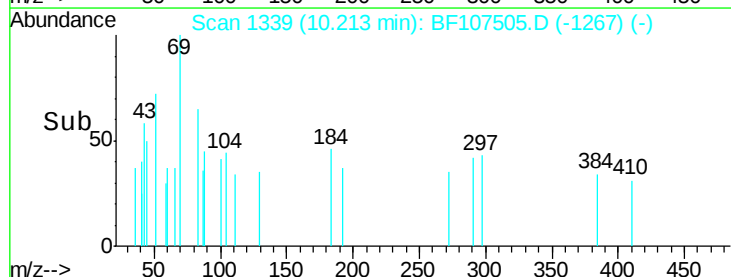
154 0.0 184.0 276.0#

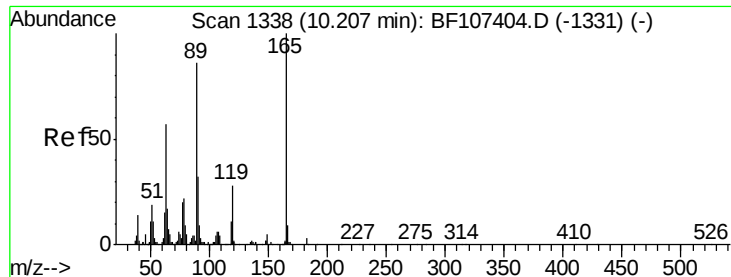


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

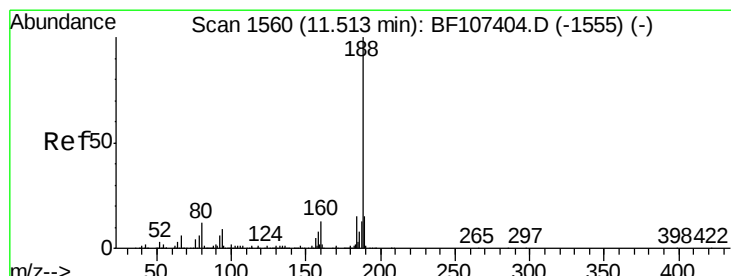
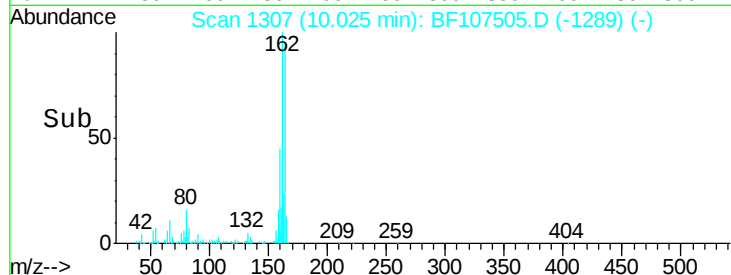
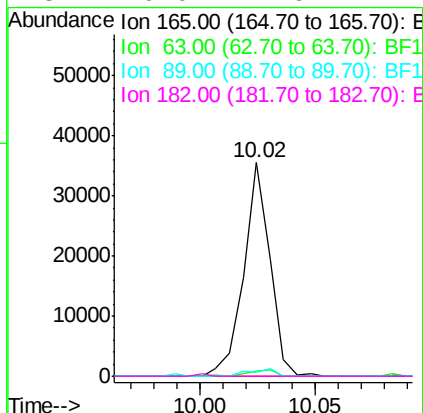
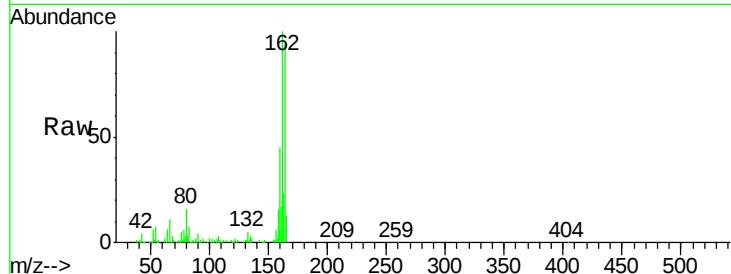




#56
 2,4-Dinitrotoluene
 Concen: 6.824 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.19 min
 Lab File: BF107505.D
 Acq: 19 Jul 2018 9:48

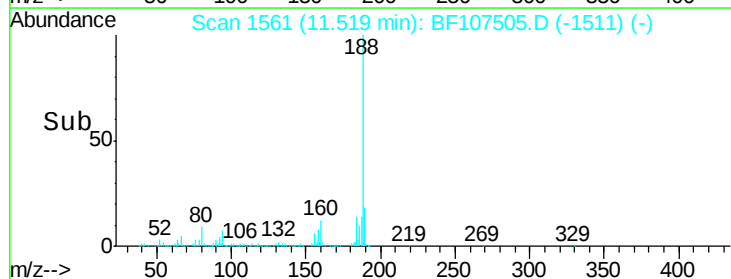
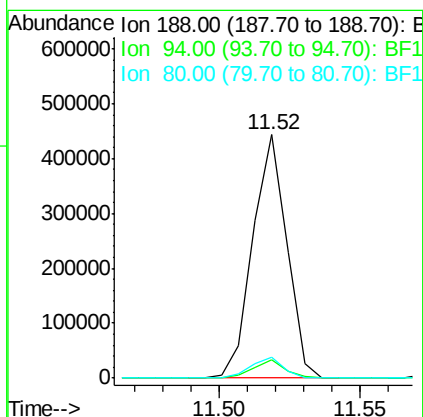
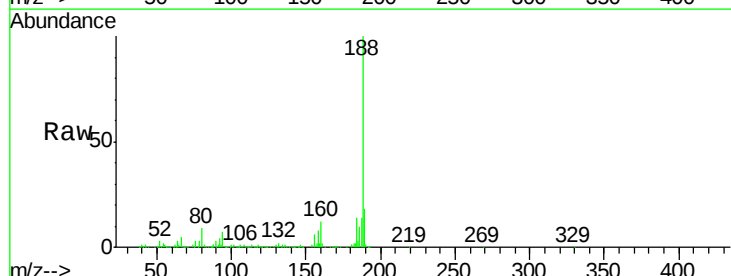
Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-U-B

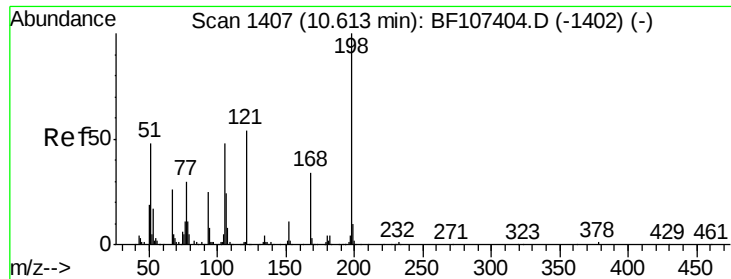
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107505.D
 Acq: 19 Jul 2018 9:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.8	9.2	13.8#

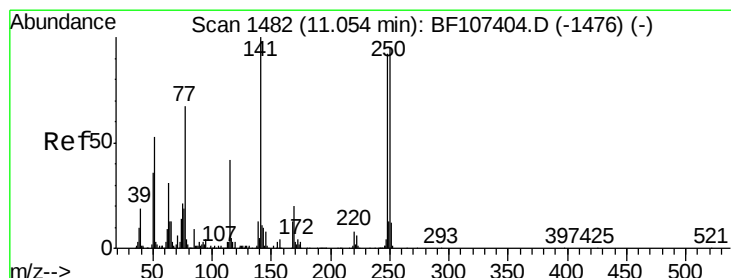
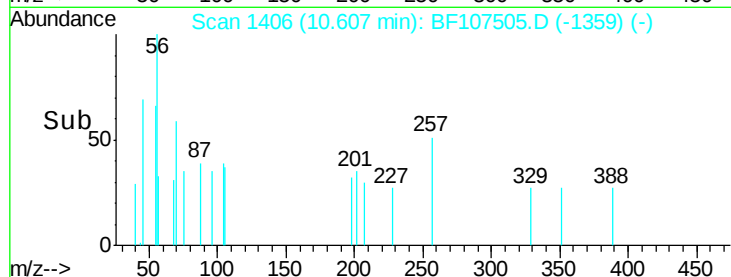
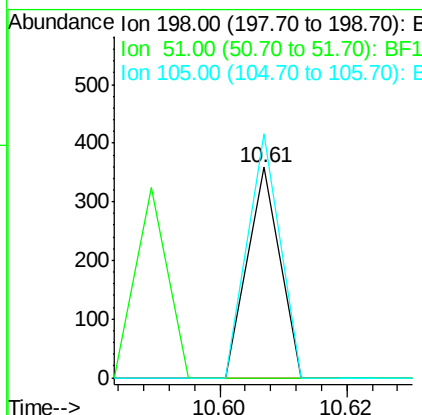
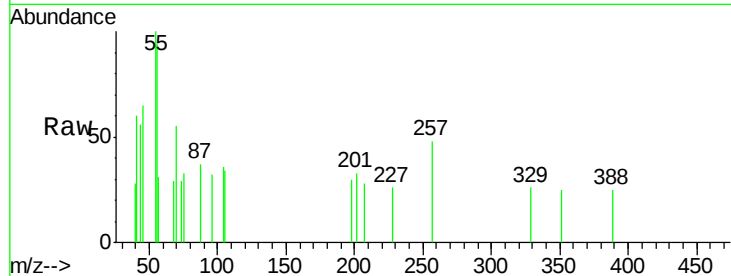




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.543 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF107505.D
 Acq: 19 Jul 2018 9:48

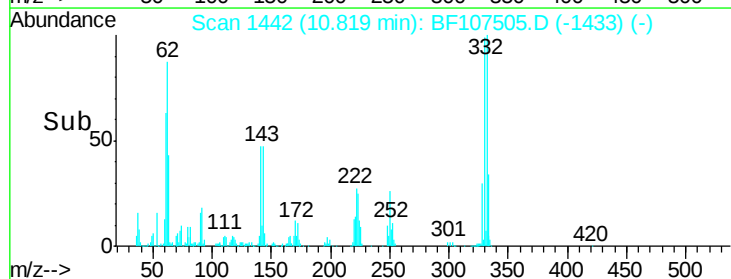
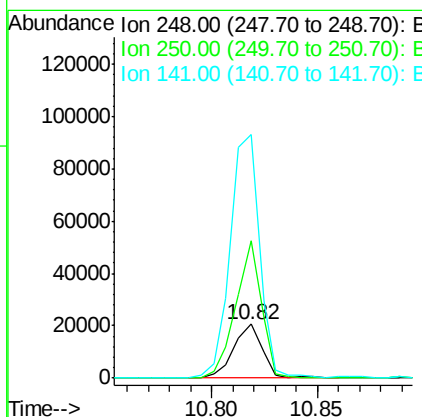
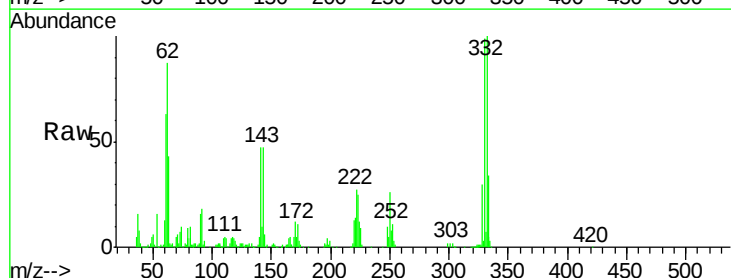
Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-U-B

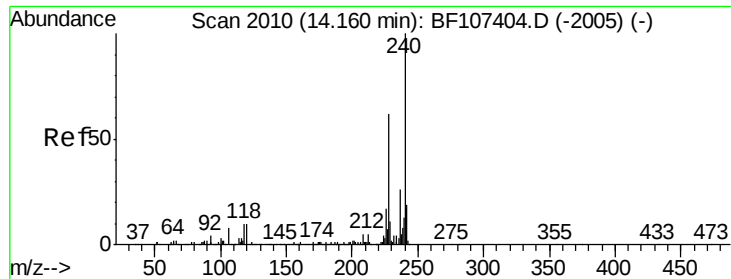
Tgt Ion:198 Resp: 127
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 115.9 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.605 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF107505.D
 Acq: 19 Jul 2018 9:48

Tgt Ion:248 Resp: 19592
 Ion Ratio Lower Upper
 248 100
 250 254.6 76.9 115.3#
 141 450.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-U-B

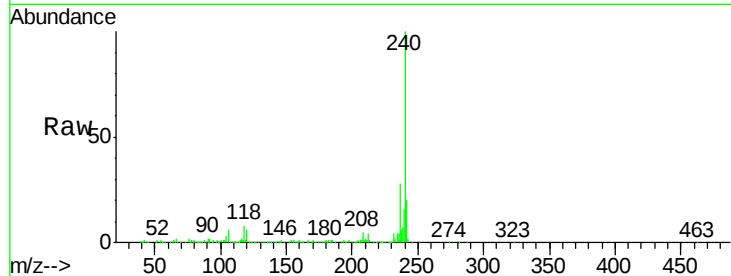
Tgt Ion:240 Resp: 285353

Ion Ratio Lower Upper

240 100

120 6.0 9.5 14.3#

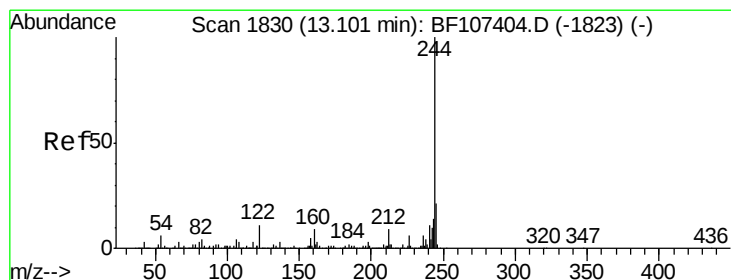
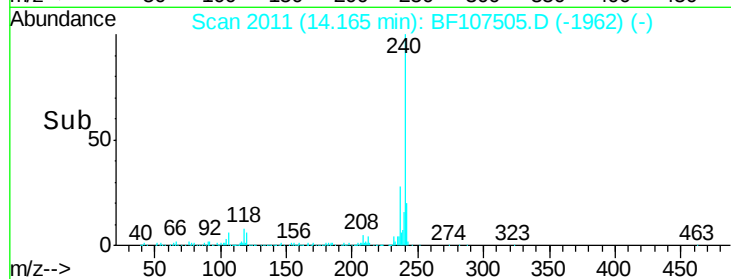
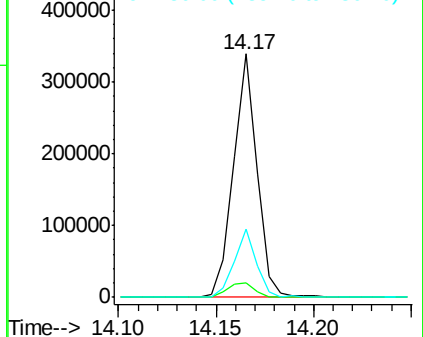
236 27.9 20.7 31.1



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: 103.667 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

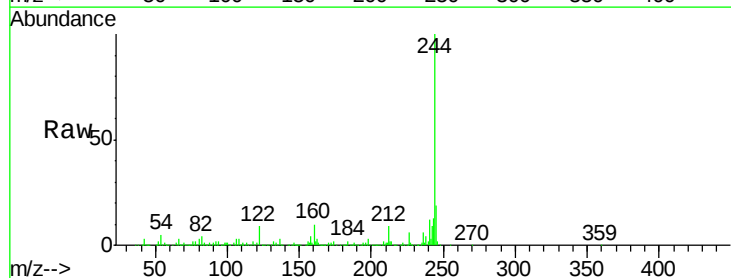
Tgt Ion:244 Resp: 1190611

Ion Ratio Lower Upper

244 100

212 8.7 5.4 8.0#

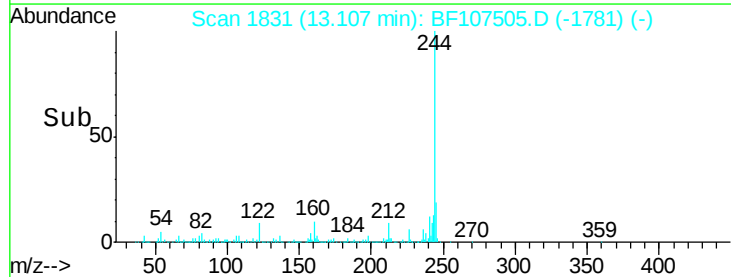
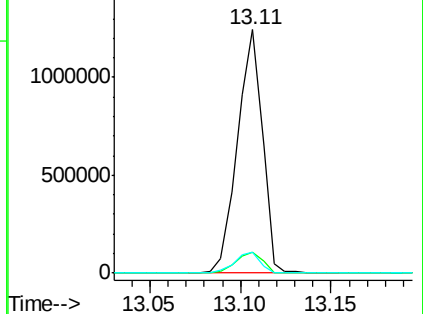
122 8.5 11.0 16.4#

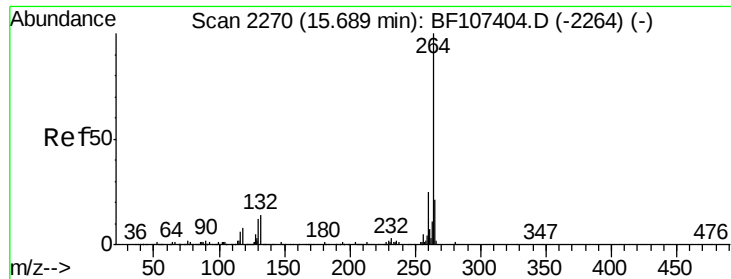


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	28.6	19.2	28.8
265	18.8	17.5	26.3

