

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107387.D
 Acq On : 14 Jul 2018 1:22
 Operator : JU/SJ
 Sample : J3970-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-B

Quant Time: Jul 14 03:09:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

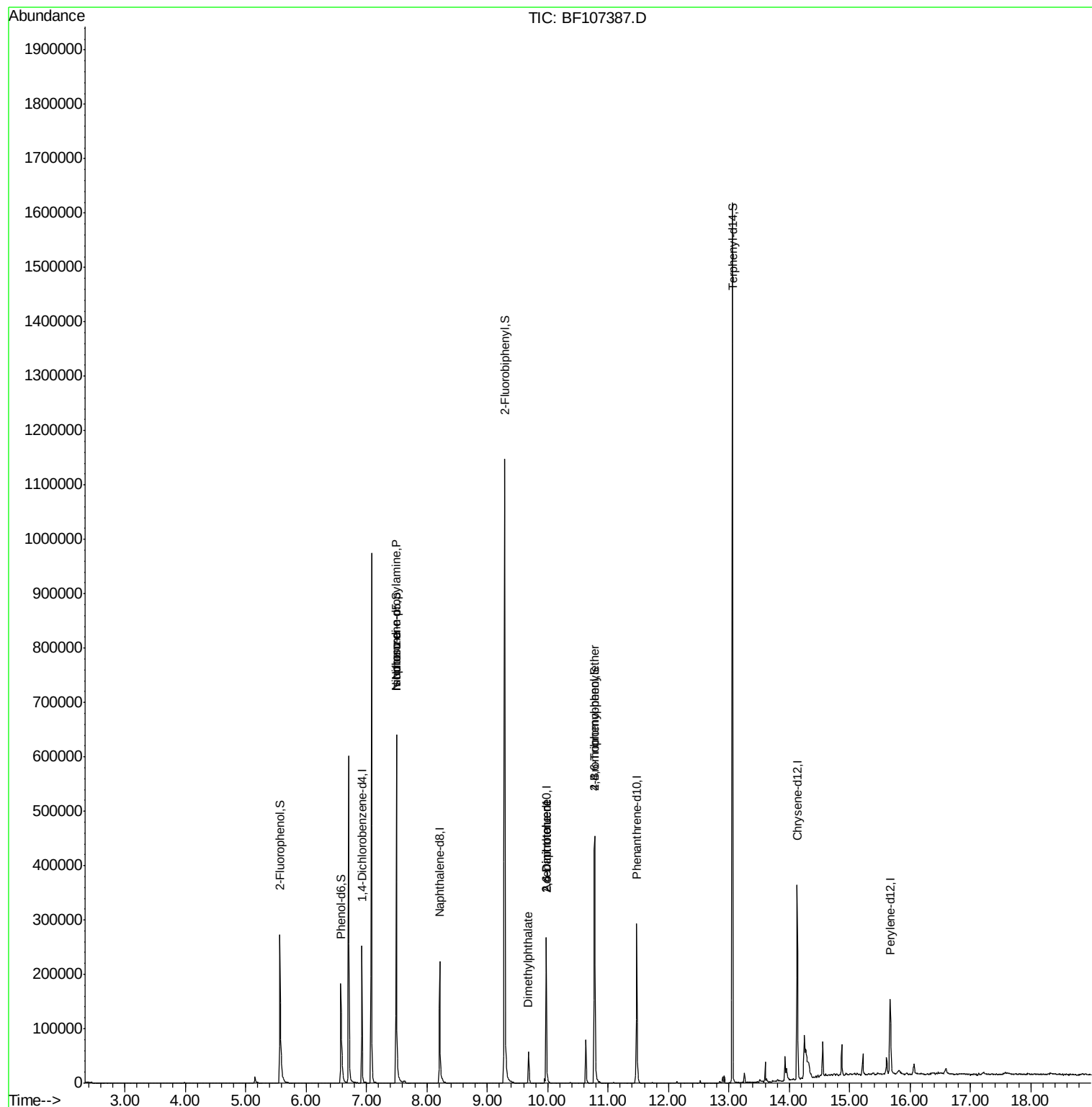
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	39069	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	130639	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	63138	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	141031	20.00	ng	0.00
75) Chrysene-d12	14.13	240	129785	20.00	ng	0.00
86) Perylene-d12	15.67	264	89907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	115939	50.25	ng	0.00
7) Phenol-d6	6.58	99	90650	31.46	ng	0.00
23) Nitrobenzene-d5	7.50	82	235989	100.39	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	84359	115.28	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	457195	130.45	ng	0.00
78) Terphenyl-d14	13.06	244	636603	118.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	29399	15.479	ng	# 73
25) Isophorone	7.50	82	235987	56.969	ng	# 64
49) Dimethylphthalate	9.68	163	32362	6.834	ng	# 96
50) 2,6-Dinitrotoluene	9.98	165	7973	7.951	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	7973	6.092	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	4787	2.844	ng	# 1

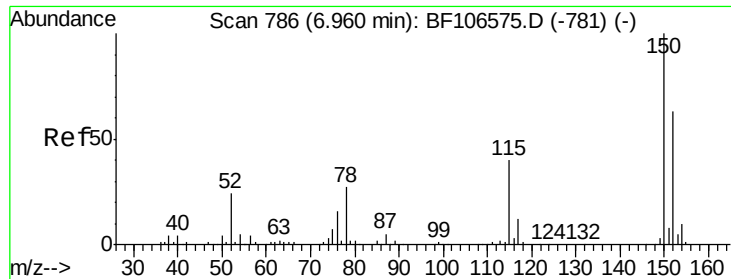
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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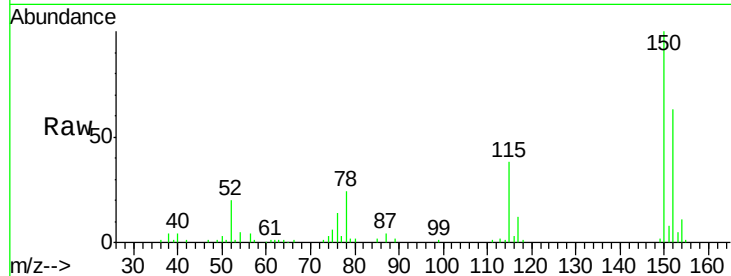


#1

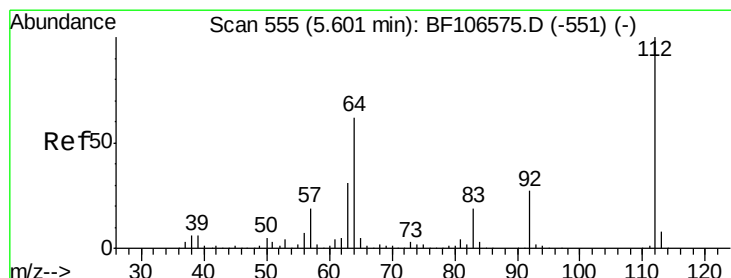
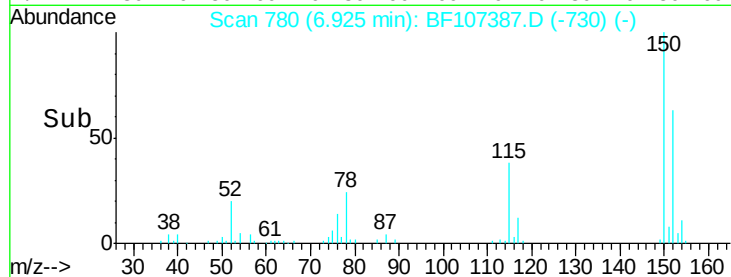
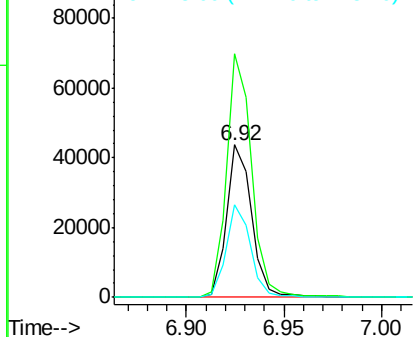
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-B

Tgt Ion:152 Resp: 39069
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 61.1 50.1 75.1



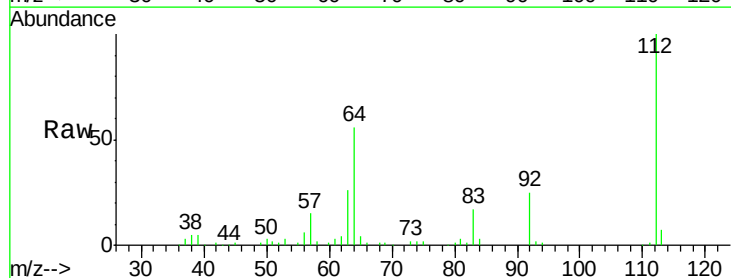
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



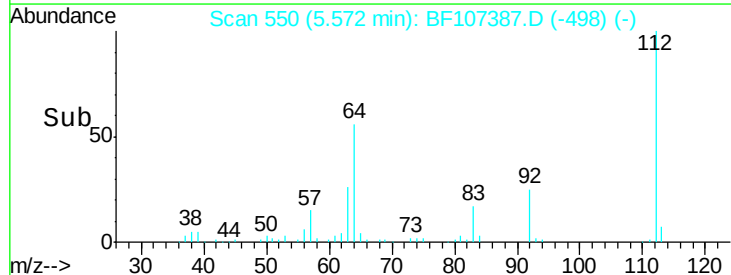
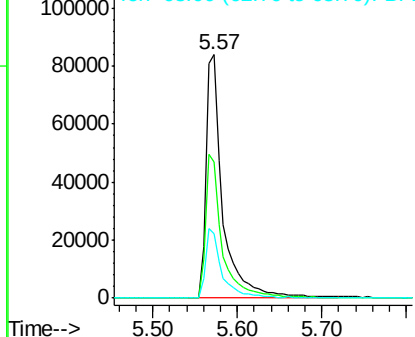
#5

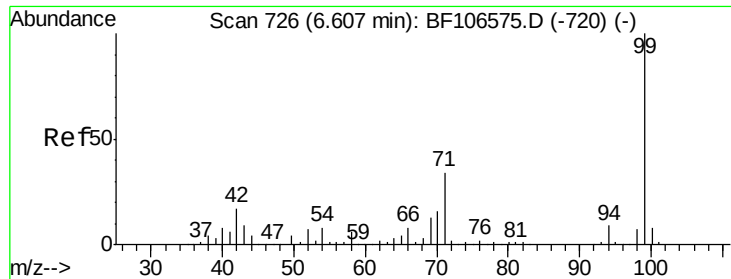
2-Fluorophenol
 Concen: 50.250 ng
 RT: 5.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

Tgt Ion:112 Resp: 115939
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 26.5 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: 31.461 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-B

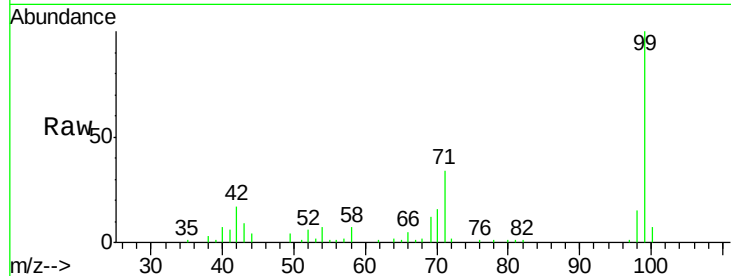
Tgt Ion: 99 Resp: 90650

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

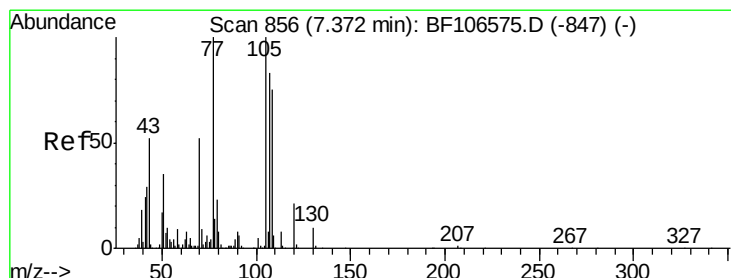
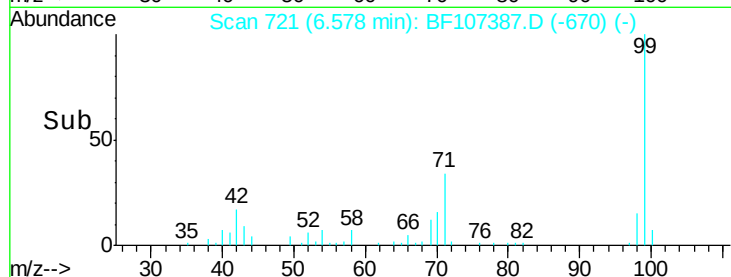
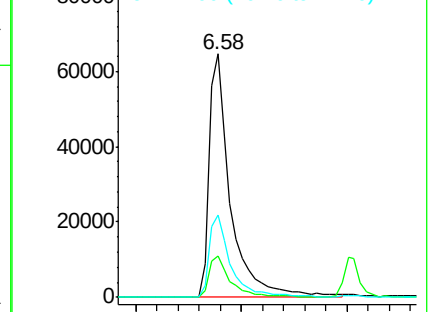
71 33.9 25.4 38.0



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: 15.479 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

Tgt Ion: 70 Resp: 29399

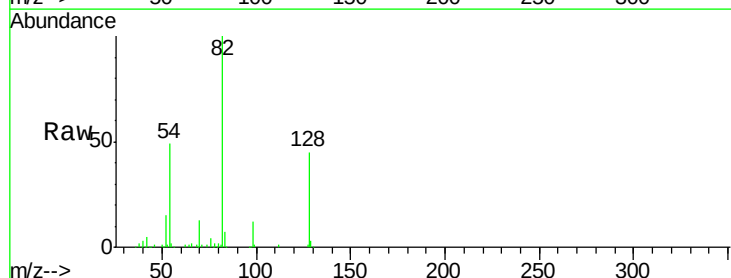
Ion Ratio Lower Upper

70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

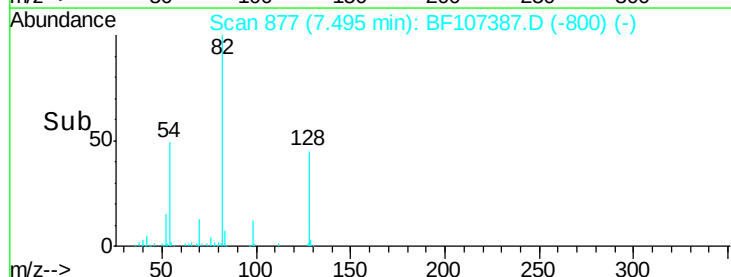
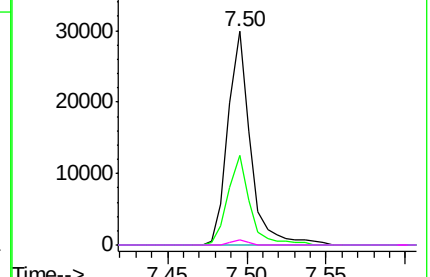


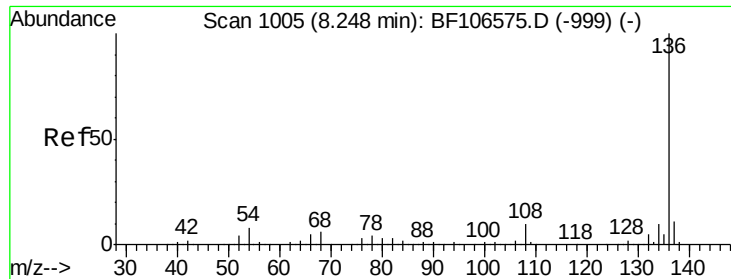
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

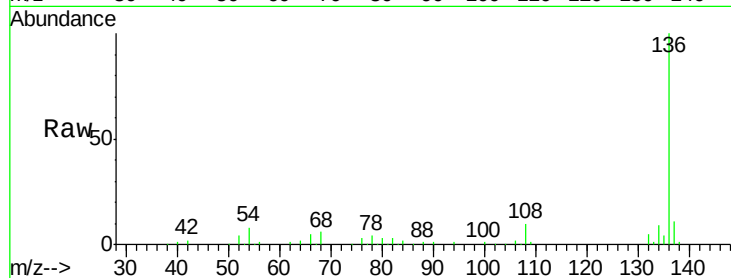




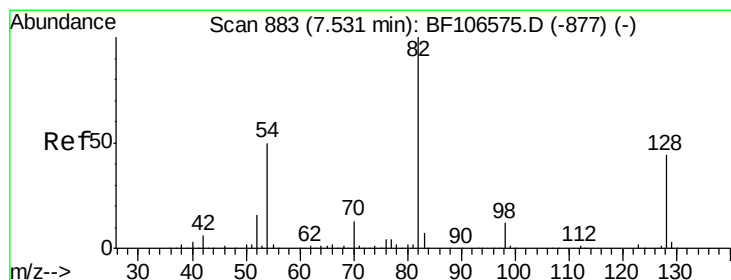
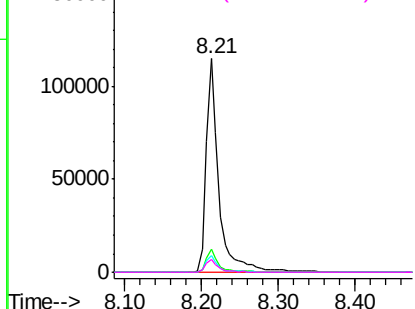
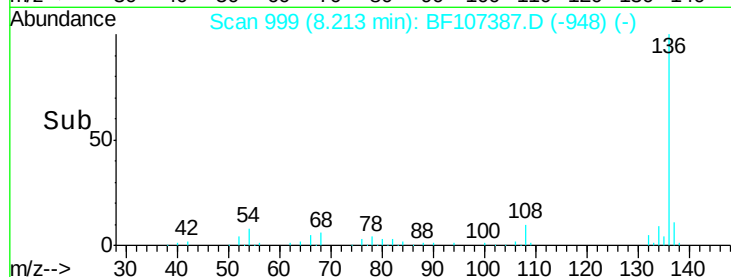
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107387.D
Acq: 14 Jul 2018 1:22

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-D-B

Tgt Ion:	136	Resp:	130639
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.6	9.8
68	5.8	5.0	7.4

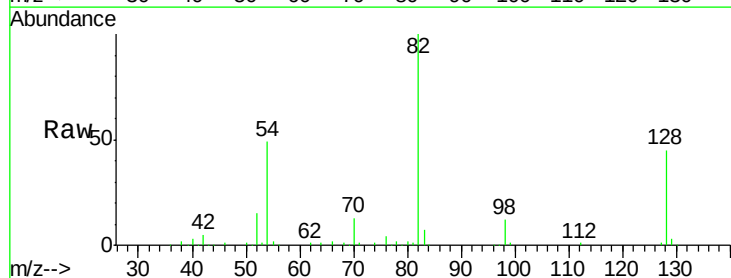


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

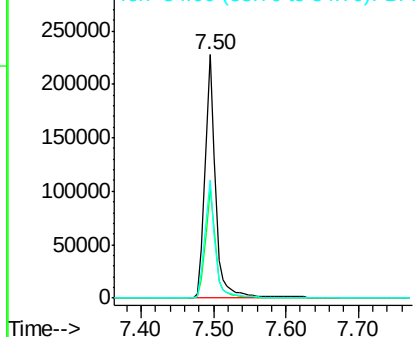
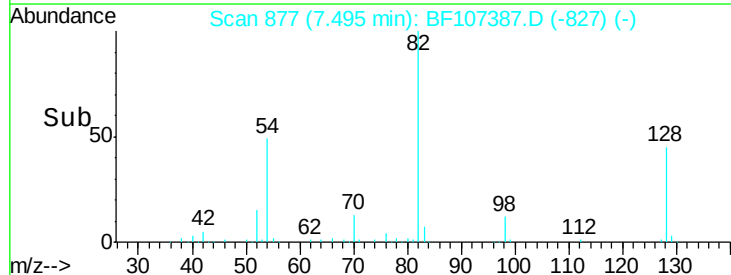


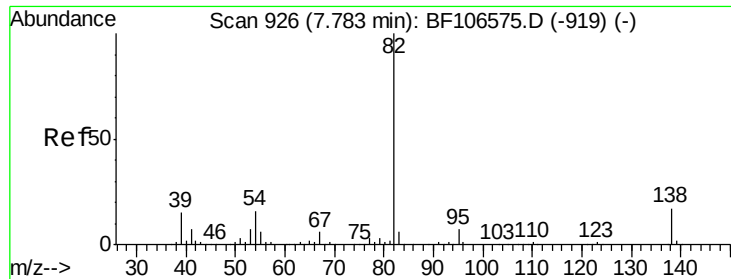
#23
Nitrobenzene-d5
Concen: 100.389 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107387.D
Acq: 14 Jul 2018 1:22

Tgt Ion:	82	Resp:	235989
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.6	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: 56.969 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-B

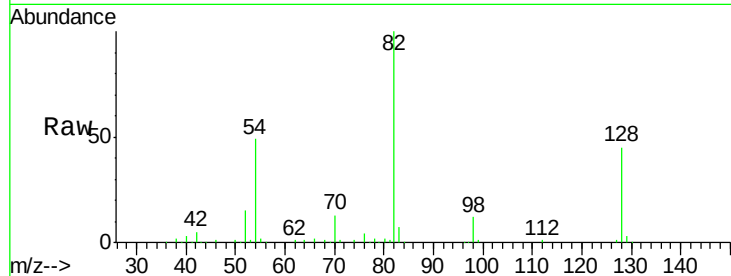
Tgt Ion: 82 Resp: 235987

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

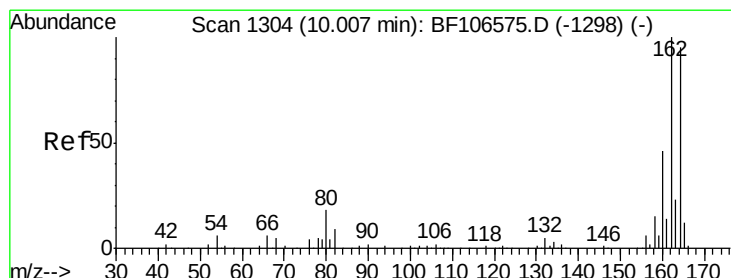
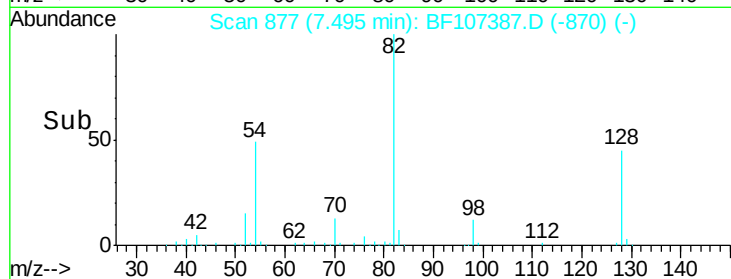
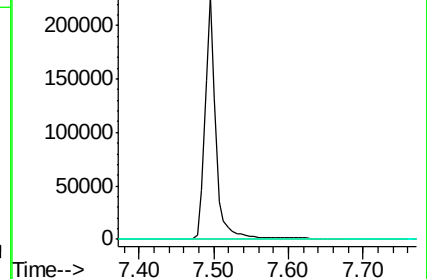
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

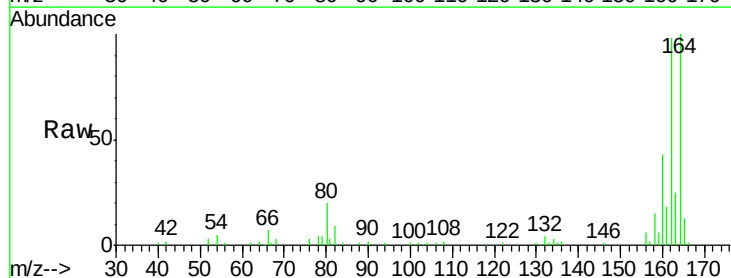
Tgt Ion: 164 Resp: 63138

Ion Ratio Lower Upper

164 100

162 97.8 86.1 129.1

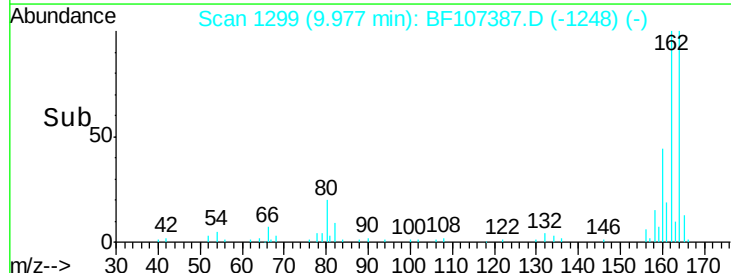
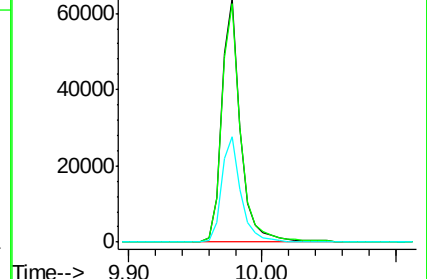
160 43.3 38.3 57.5

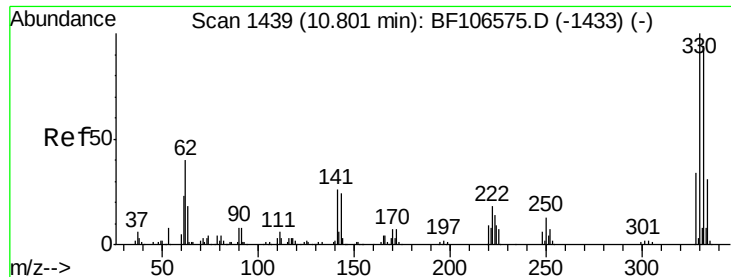


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

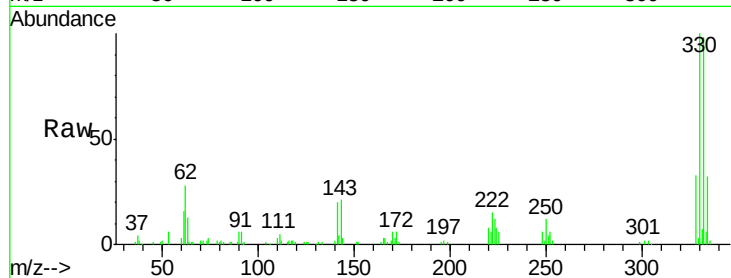




#41
 2,4,6-Tribromophenol
 Concen: 115.278 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	22.9	29.9	44.9#

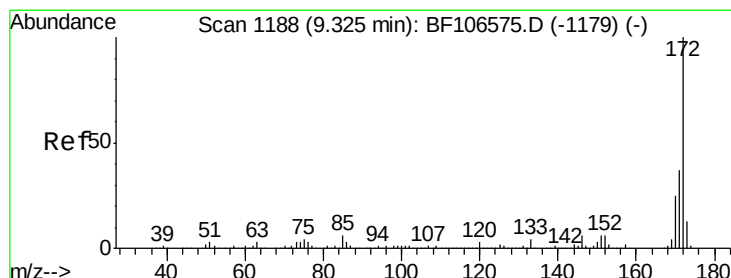
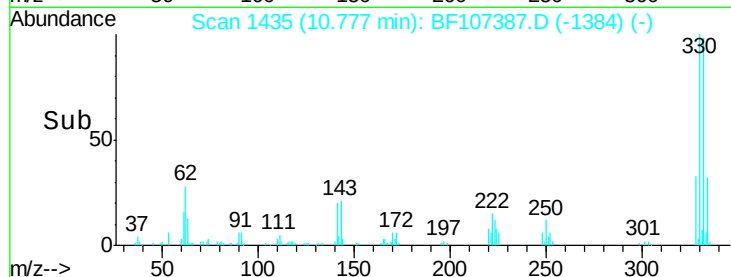
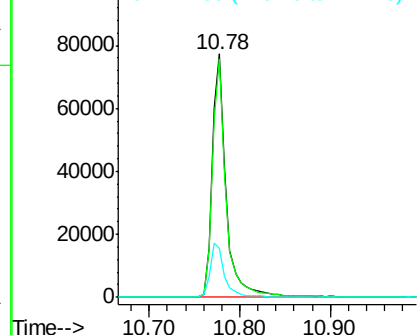


Abundance

Ion 329.80 (329.50 to 330.50): E

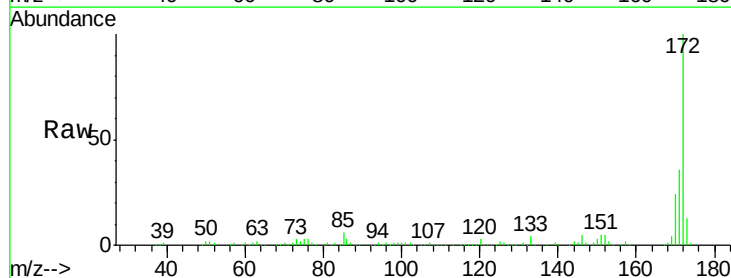
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 130.455 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

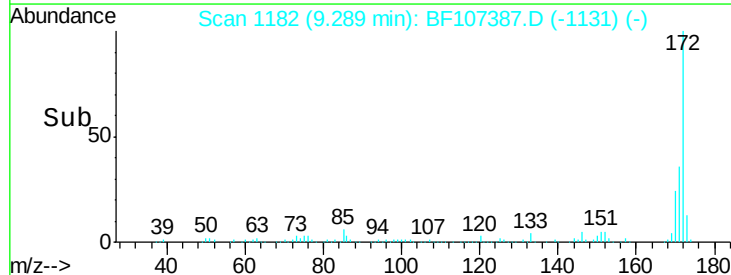
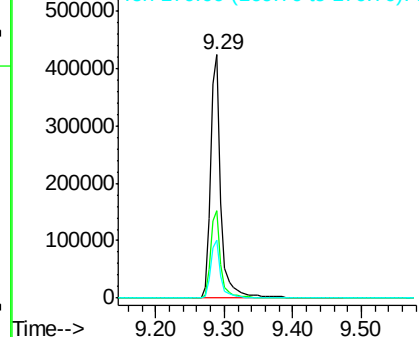


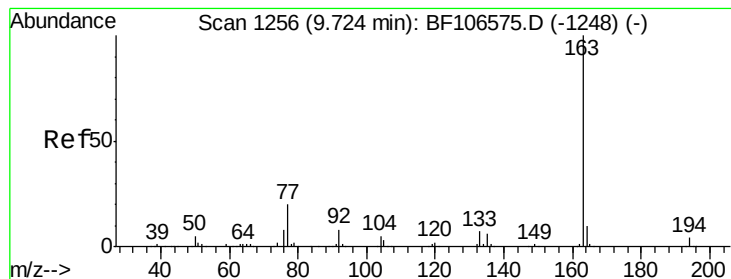
Abundance

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: 6.834 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-B

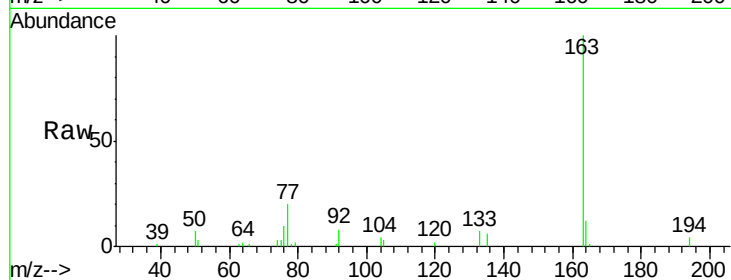
Tgt Ion:163 Resp: 32362

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

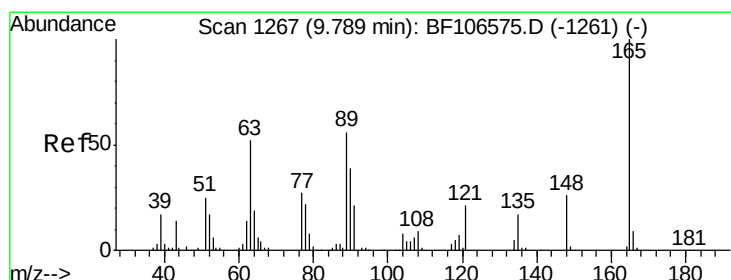
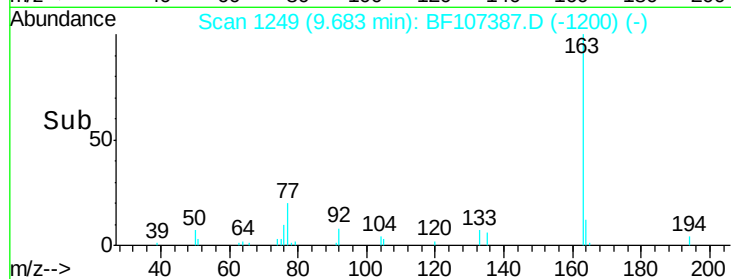
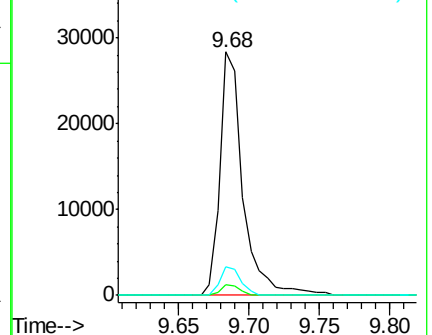
164 11.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.951 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

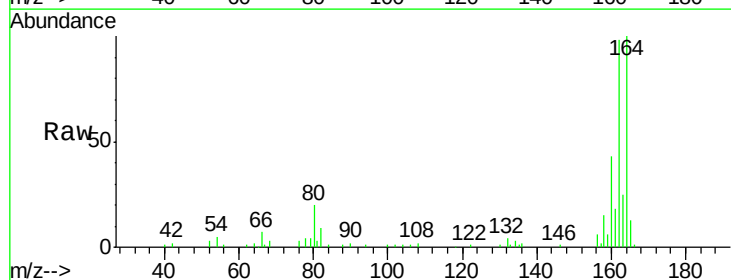
Tgt Ion:165 Resp: 7973

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

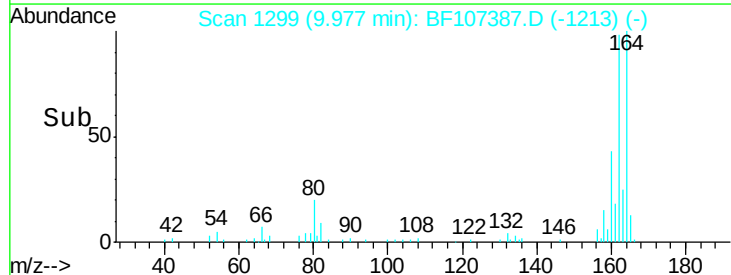
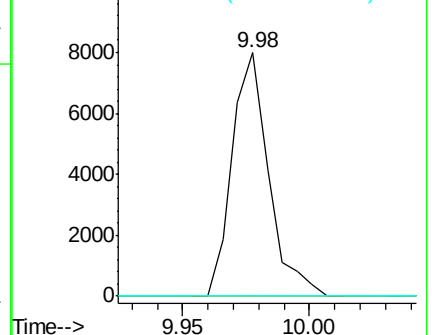
89 0.0 44.0 66.0#

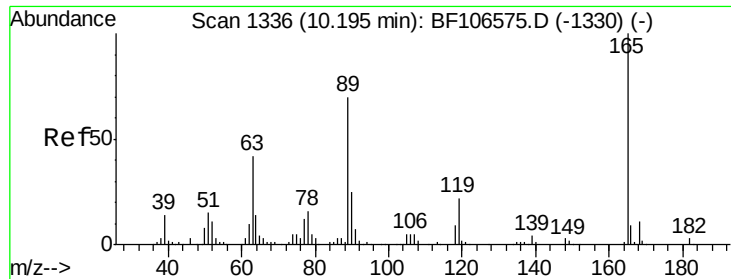


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

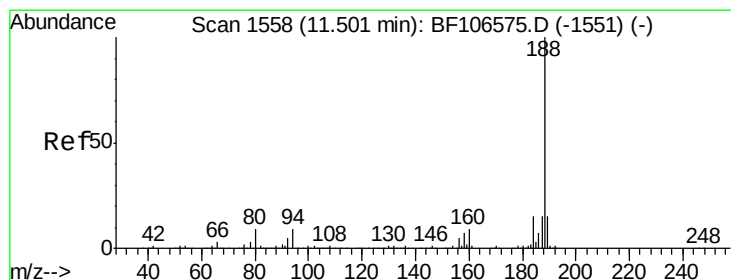
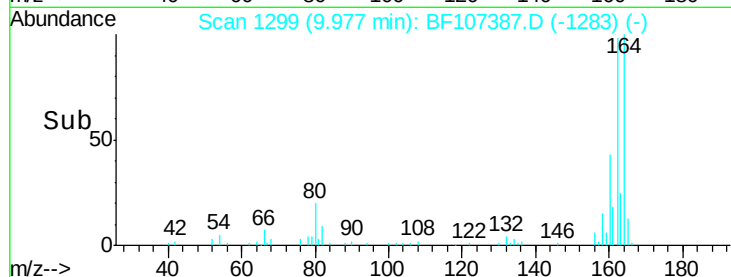
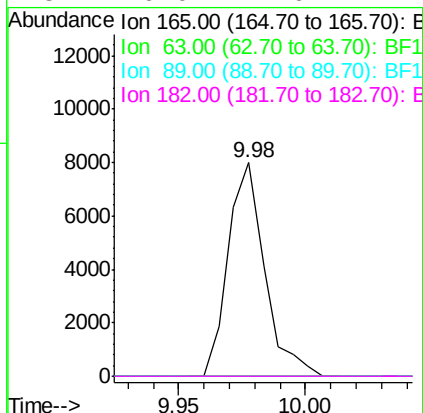
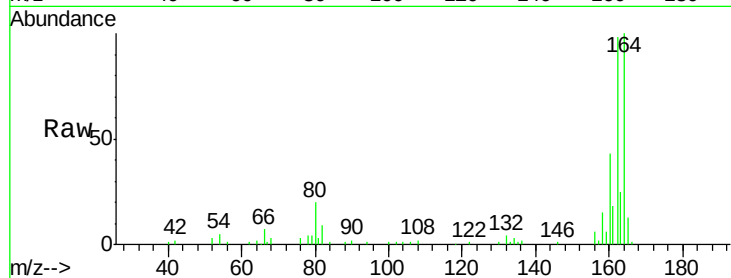




#56
 2,4-Dinitrotoluene
 Concen: 6.092 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

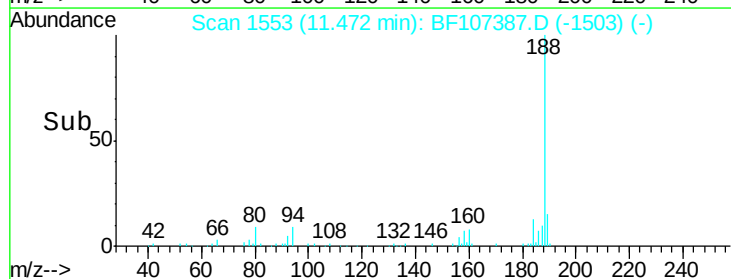
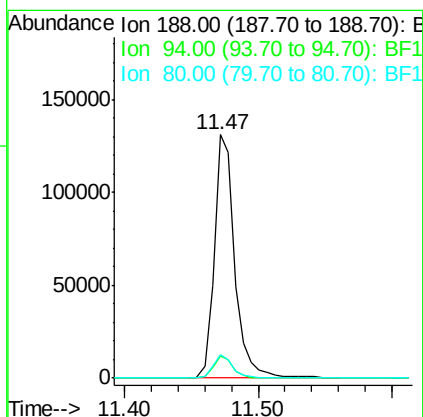
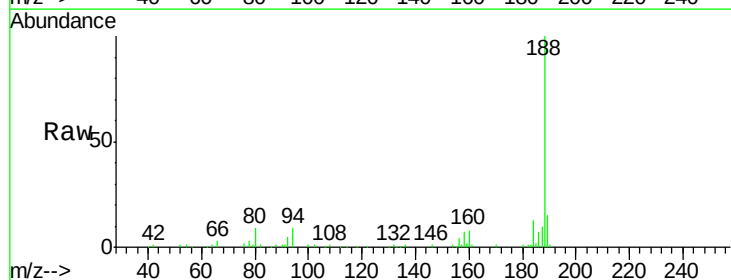
Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-B

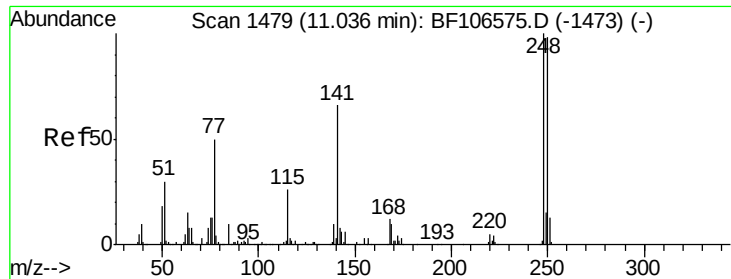
Tgt Ion:	165	Resp:	7973
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

Tgt Ion:	188	Resp:	141031
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8

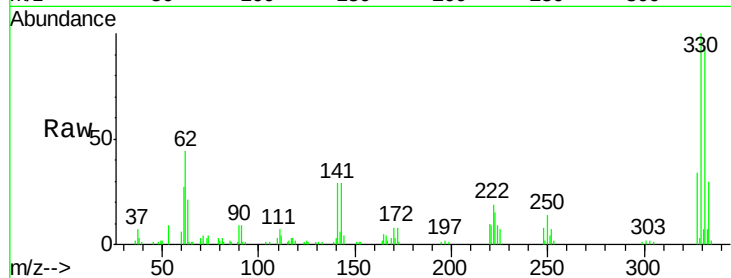




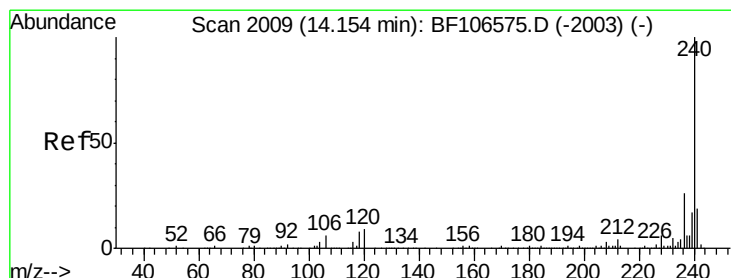
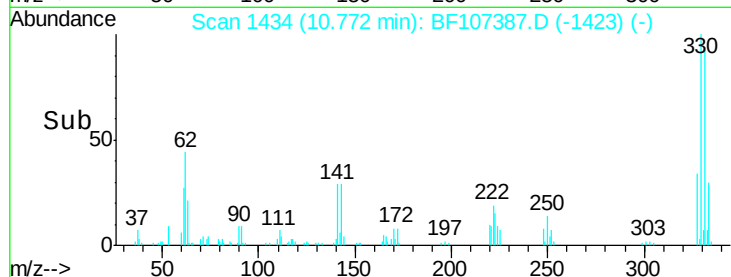
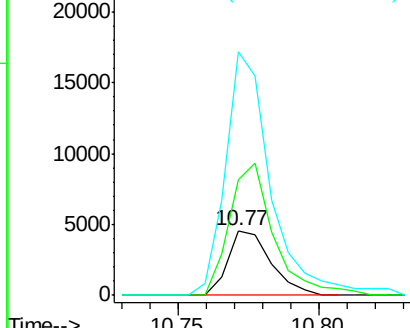
#66
 4-Bromophenyl-phenylether
 Concen: 2.844 ng
 RT: 10.77 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-B

Tgt Ion:248 Resp: 4787
 Ion Ratio Lower Upper
 248 100
 250 179.2 76.9 115.3#
 141 376.0 74.4 111.6#

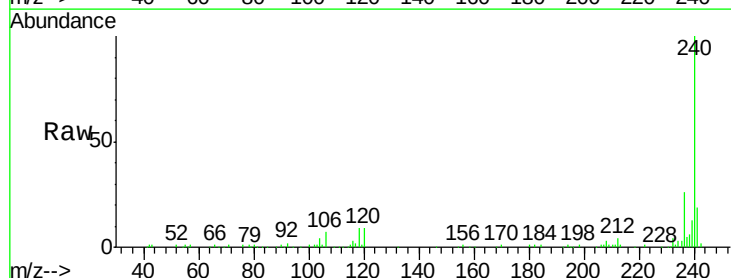


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

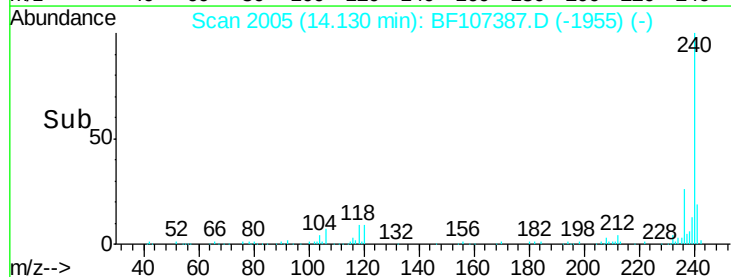
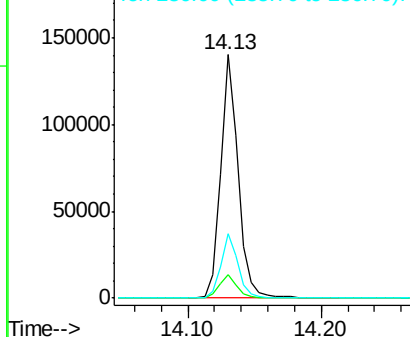


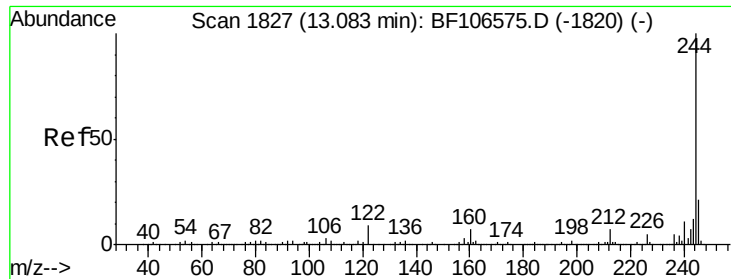
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF107387.D
 Acq: 14 Jul 2018 1:22

Tgt Ion:240 Resp: 129785
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.5 14.3#
 236 26.2 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: 118.815 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-B

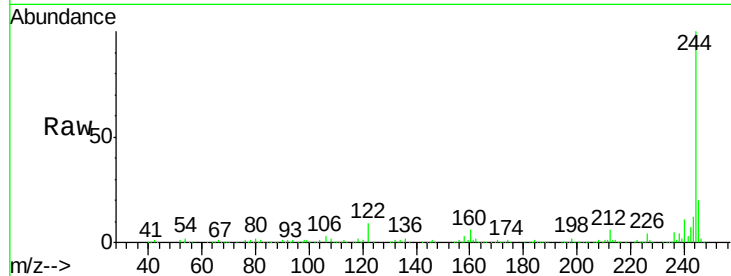
Tgt Ion:244 Resp: 636603

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

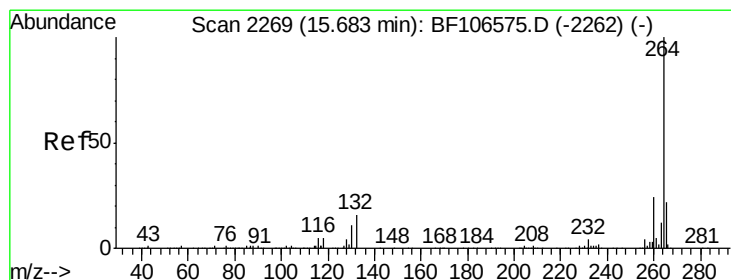
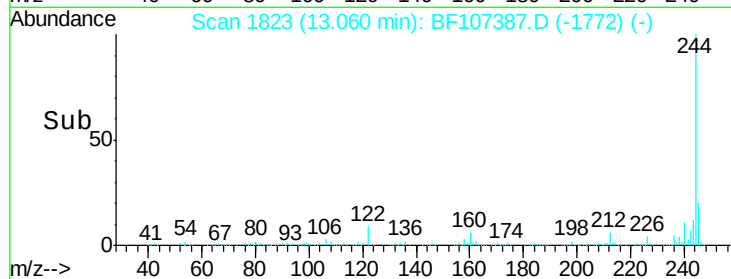
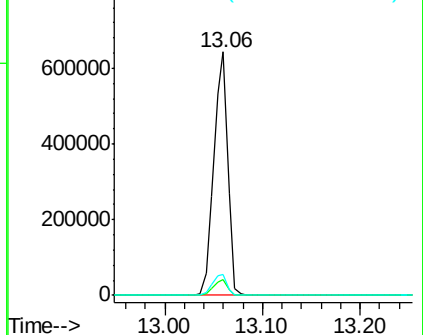
122 8.6 11.0 16.4#



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: 15.67 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF107387.D

Acq: 14 Jul 2018 1:22

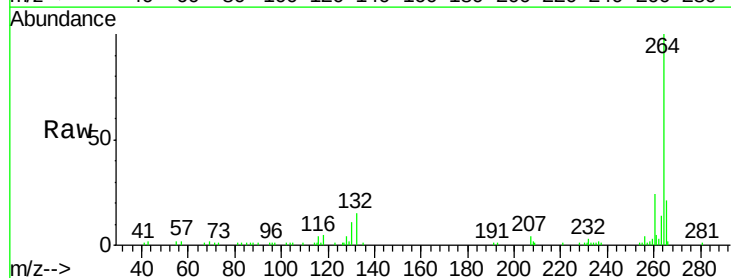
Tgt Ion:264 Resp: 89907

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 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

