

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107161.D
 Acq On : 6 Jul 2018 9:07
 Operator : JU/SJ
 Sample : J3851-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-U-S

Quant Time: Jul 06 10:58:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

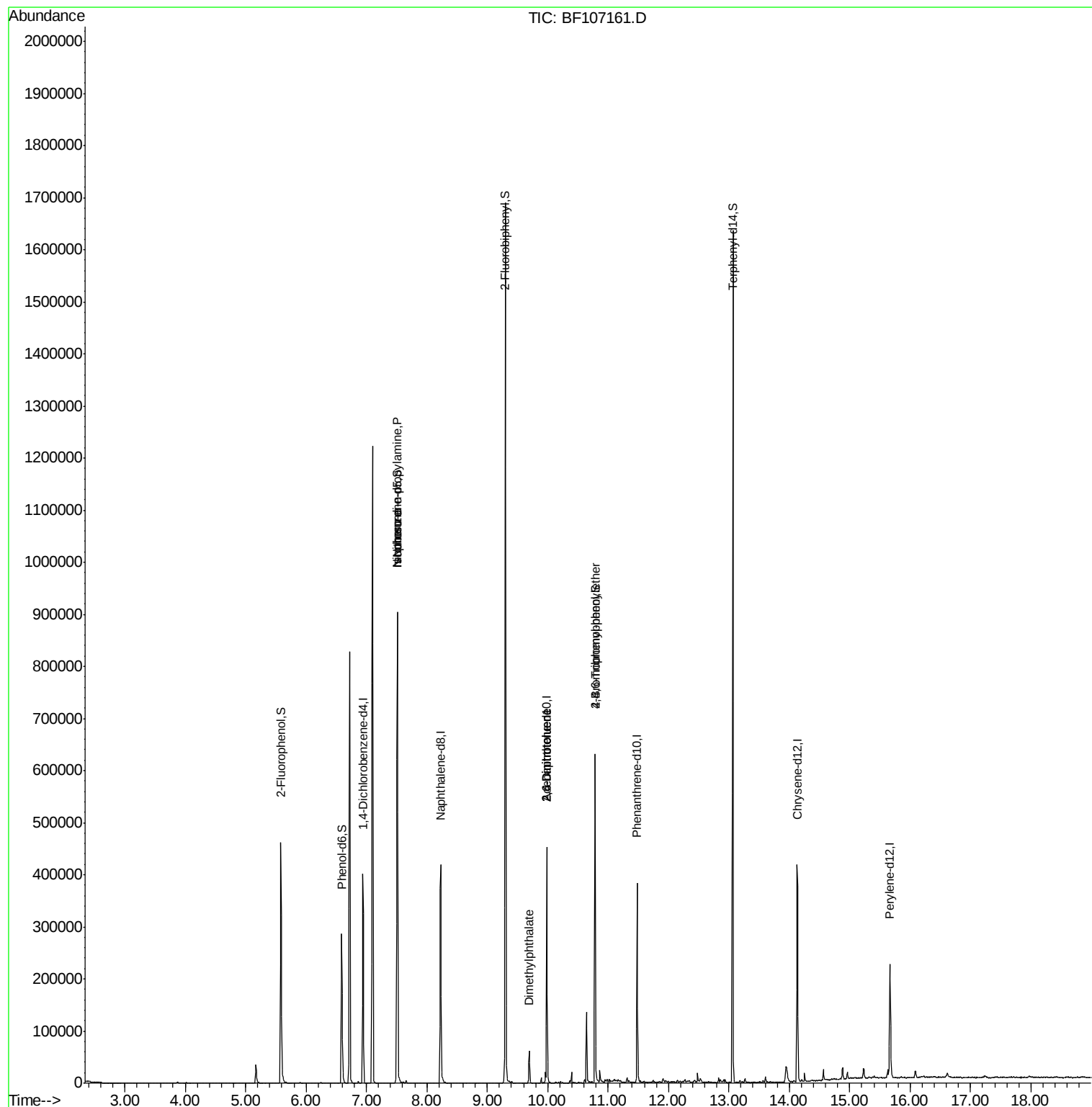
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59911	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	218898	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	95798	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	158586	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	163441	20.00	ng	-0.04
86) Perylene-d12	15.67	264	114435	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140489	39.71	ng	-0.02
7) Phenol-d6	6.59	99	110351	24.98	ng	-0.02
23) Nitrobenzene-d5	7.51	82	324087	82.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	95079	85.63	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	584764	107.17	ng	-0.02
78) Terphenyl-d14	13.07	244	618397	91.65	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	41317	14.186	ng	# 72
25) Isophorone	7.51	82	324084	46.692	ng	# 64
49) Dimethylphthalate	9.70	163	30591	4.258	ng	# 97
50) 2,6-Dinitrotoluene	9.99	165	12453	8.185	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	12453	6.271	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5773	3.050	ng	# 1

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

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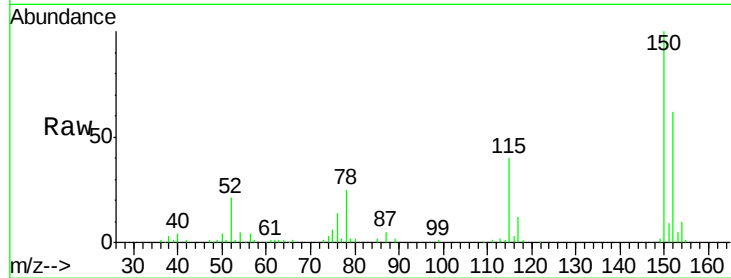


#1

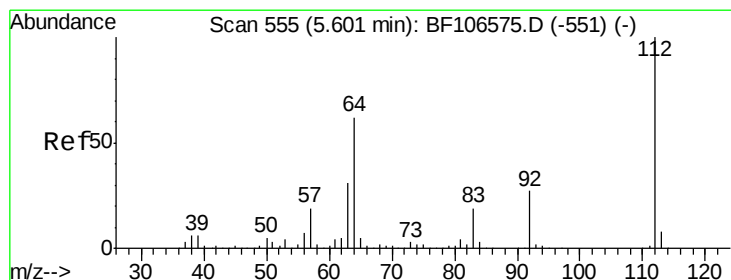
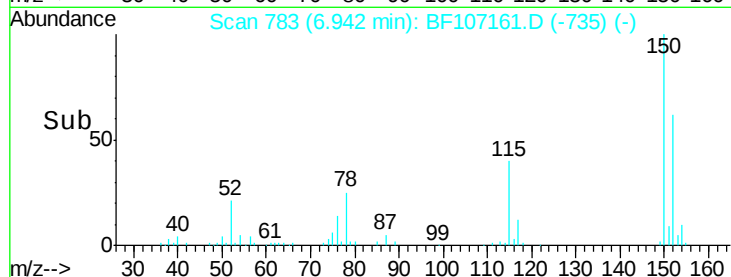
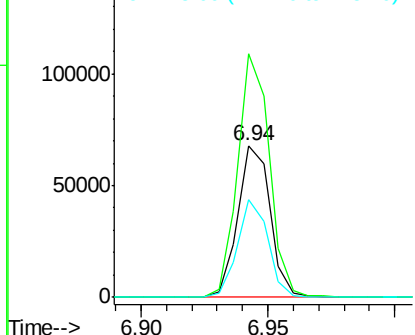
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-S

Tgt Ion:152 Resp: 59911
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 64.0 50.1 75.1



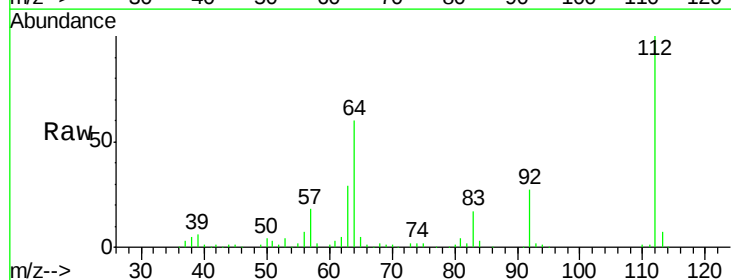
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



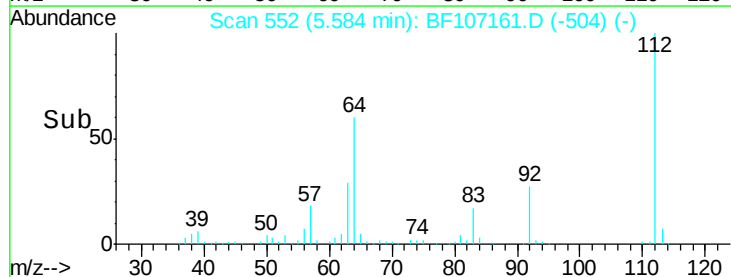
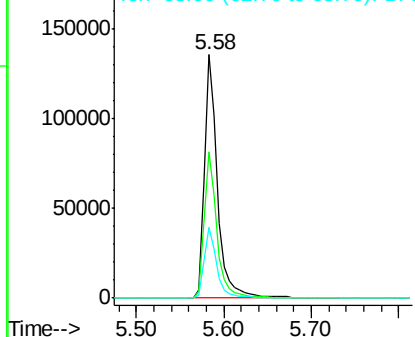
#5

2-Fluorophenol
Concen: 39.708 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Tgt Ion:112 Resp: 140489
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 29.1 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: 24.975 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107161.D

Acq: 6 Jul 2018 9:07

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-U-S

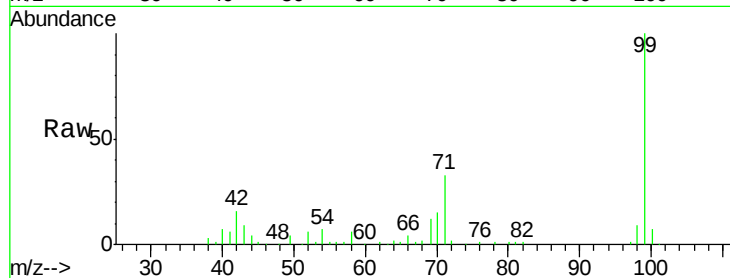
Tgt Ion: 99 Resp: 110351

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

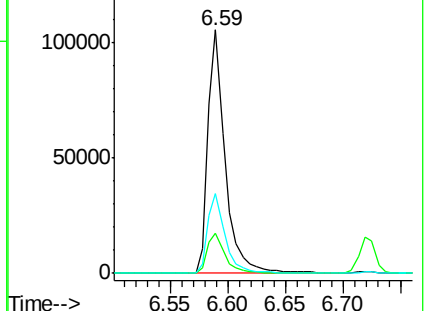
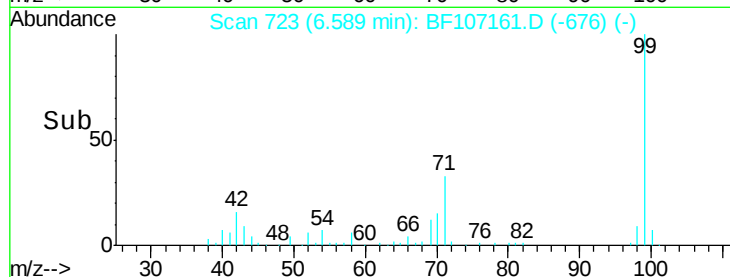
71 32.7 25.4 38.0



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: 14.186 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107161.D

Acq: 6 Jul 2018 9:07

Tgt Ion: 70 Resp: 41317

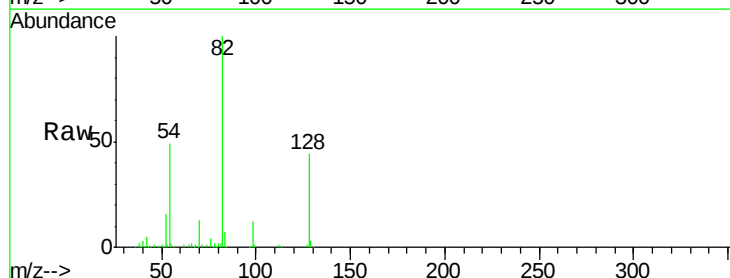
Ion Ratio Lower Upper

70 100

42 41.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

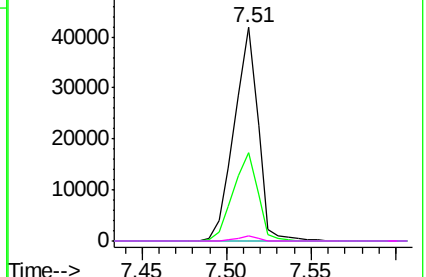
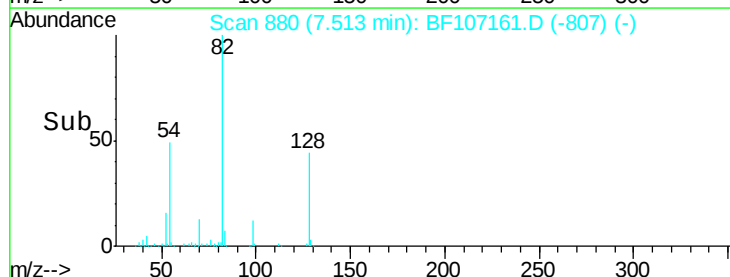


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

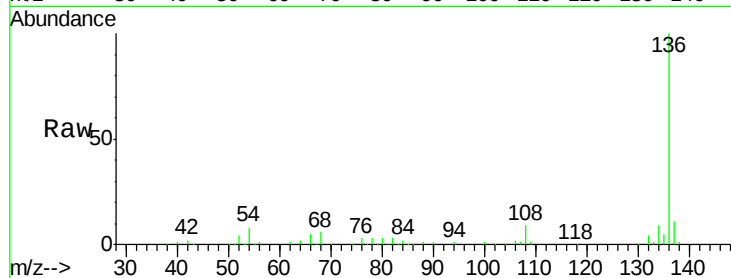




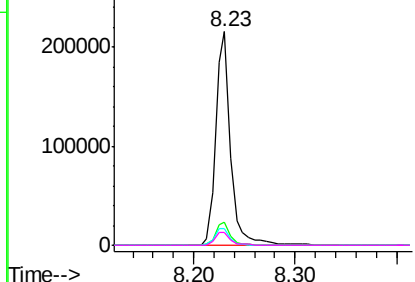
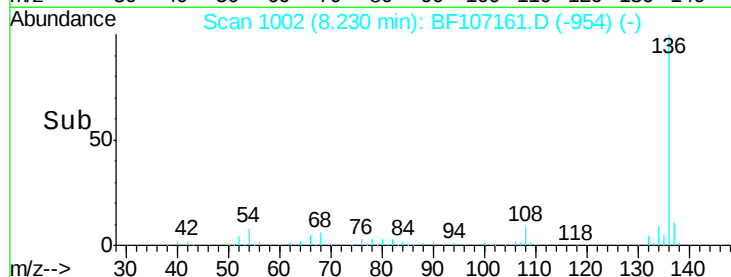
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-S

Tgt Ion:	136	Resp:	218898
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

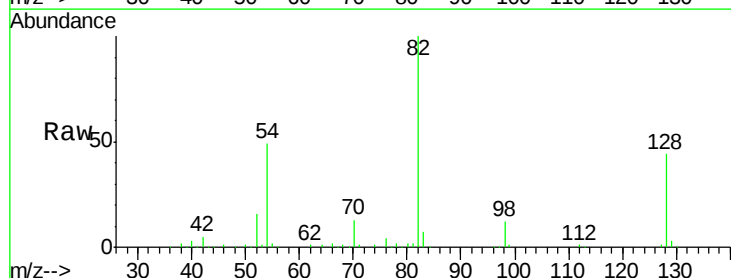


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

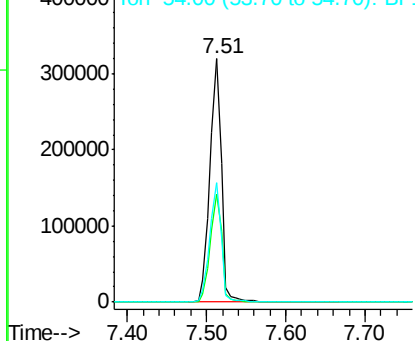
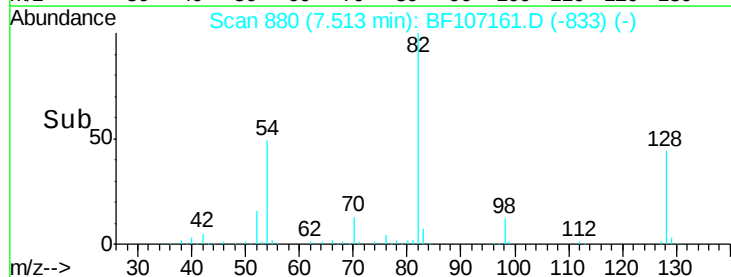


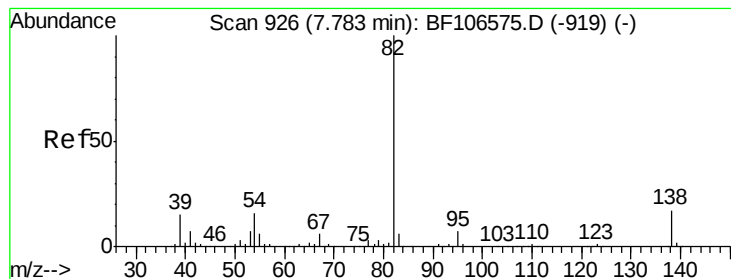
#23
Nitrobenzene-d5
Concen: 82.279 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Tgt Ion:	82	Resp:	324087
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	49.3	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: 46.692 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107161.D

Acq: 6 Jul 2018 9:07

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-U-S

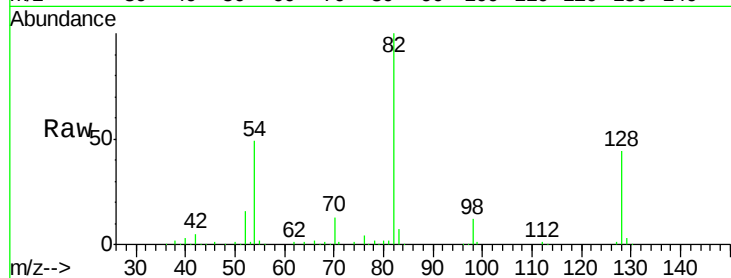
Tgt Ion: 82 Resp: 324084

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

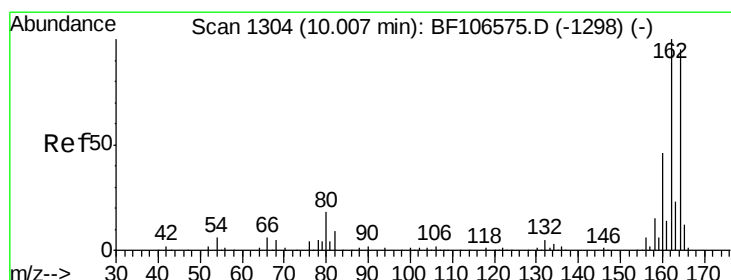
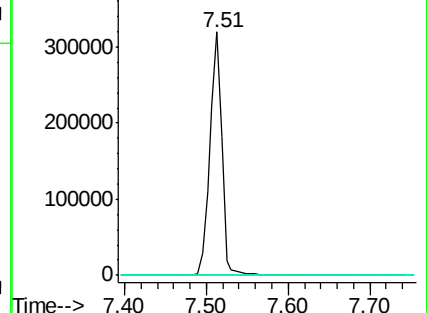
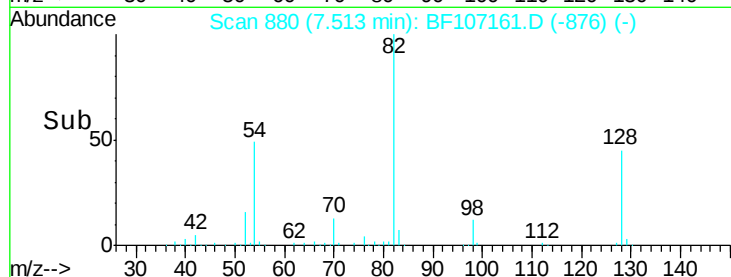
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107161.D

Acq: 6 Jul 2018 9:07

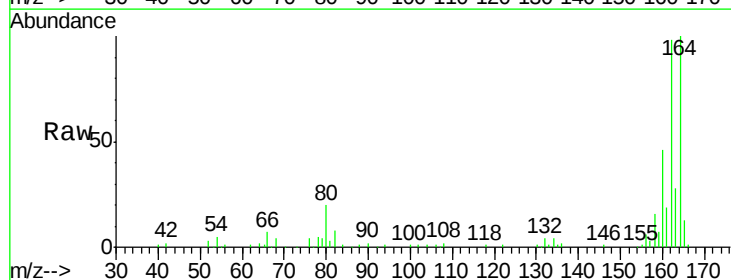
Tgt Ion: 164 Resp: 95798

Ion Ratio Lower Upper

164 100

162 98.1 86.1 129.1

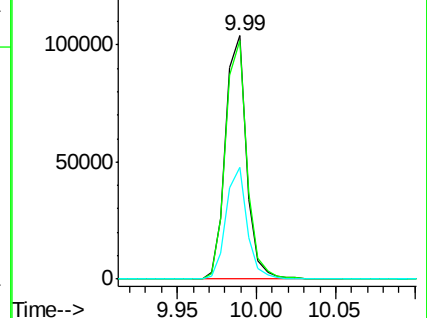
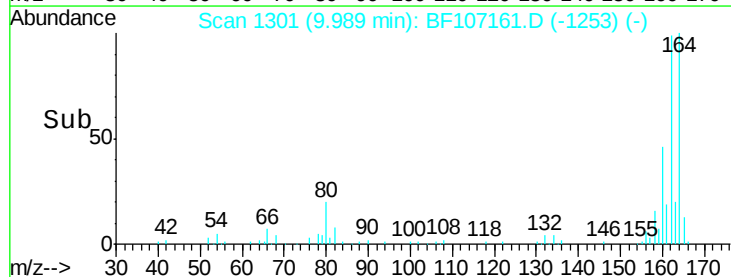
160 45.8 38.3 57.5



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

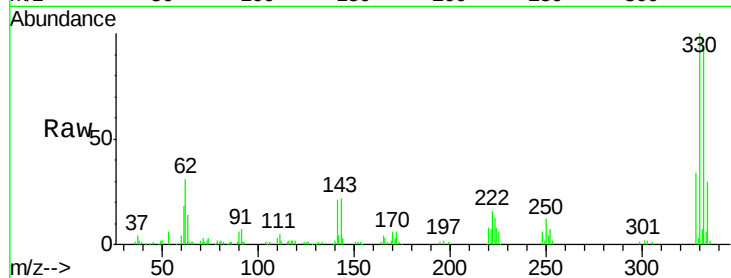




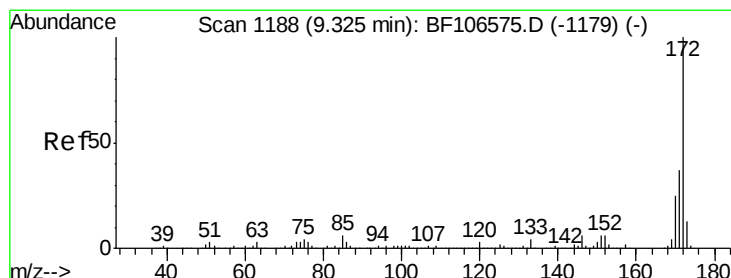
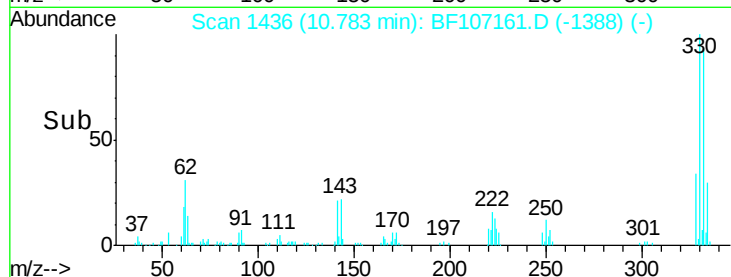
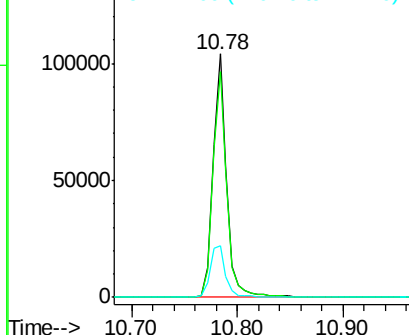
#41
 2,4,6-Tribromophenol
 Concen: 85.632 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107161.D
 Acq: 6 Jul 2018 9:07

Instrument :
 BNA_F
 ClientSampleId :
 070218-TIPC-F-U-S

Tgt Ion:330 Resp: 95079
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 24.1 29.9 44.9#

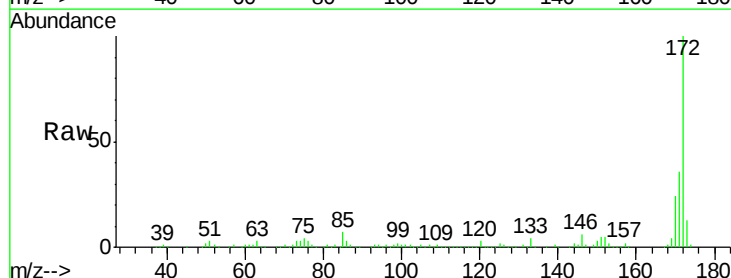


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

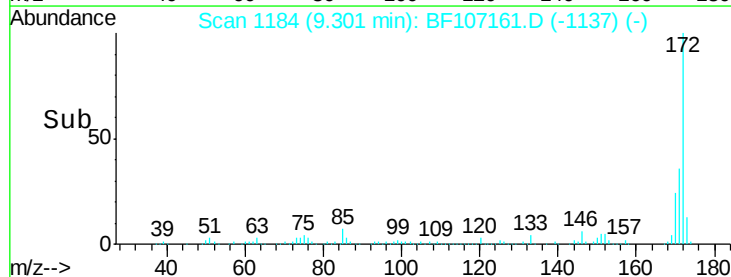
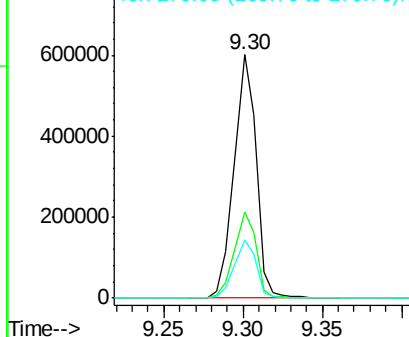


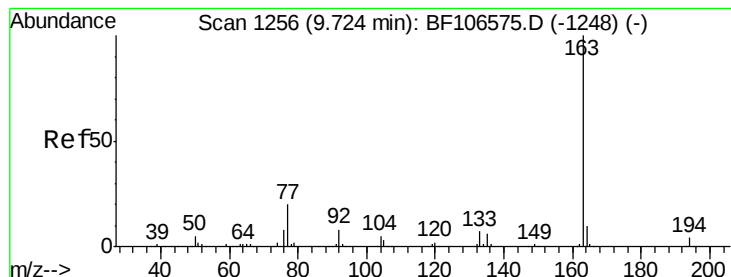
#44
 2-Fluorobiphenyl
 Concen: 107.167 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107161.D
 Acq: 6 Jul 2018 9:07

Tgt Ion:172 Resp: 584764
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 4.258 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107161.D

Acq: 6 Jul 2018 9:07

Instrument :

BNA_F

ClientSampleId :

070218-TIPC-F-U-S

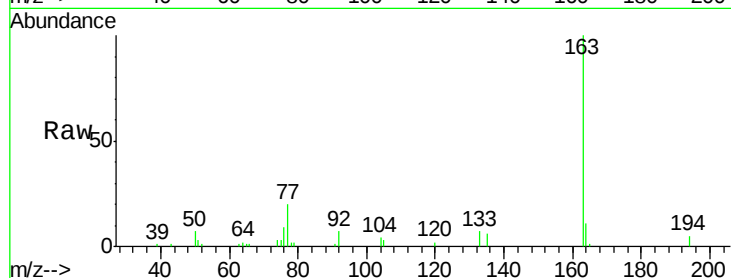
Tgt Ion:163 Resp: 30591

Ion Ratio Lower Upper

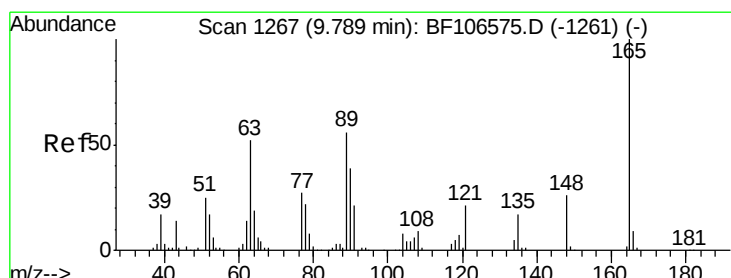
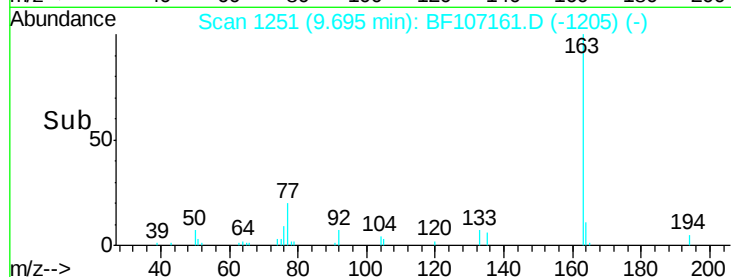
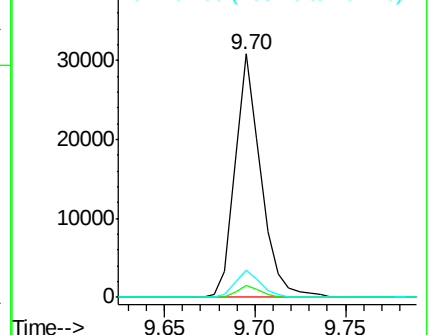
163 100

194 4.6 2.7 4.1#

164 11.2 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: 8.185 ng

RT: 9.99 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF107161.D

Acq: 6 Jul 2018 9:07

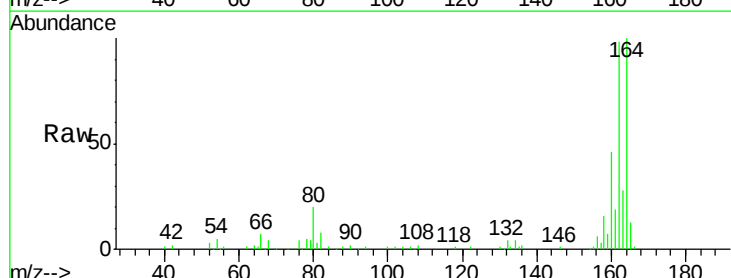
Tgt Ion:165 Resp: 12453

Ion Ratio Lower Upper

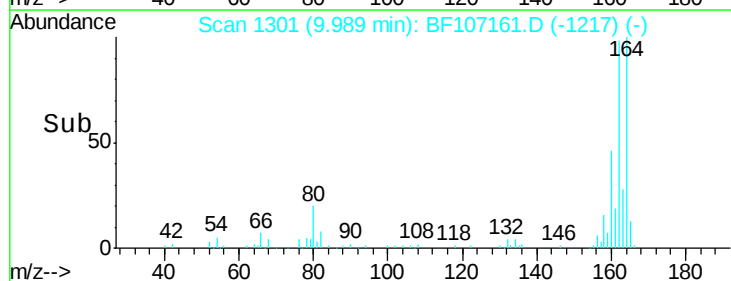
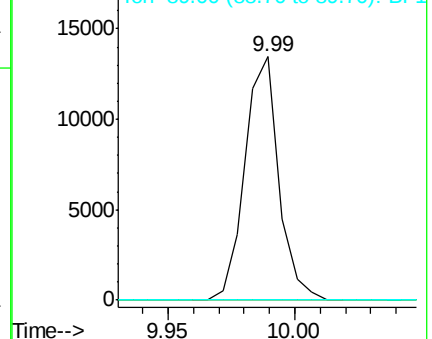
165 100

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

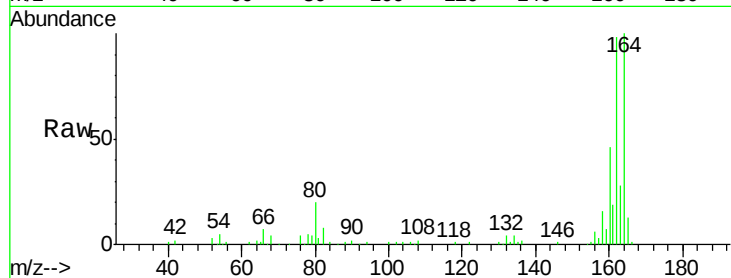




#56
2,4-Dinitrotoluene
Concen: 6.271 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-S

Tgt Ion:	165	Resp:	12453
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#

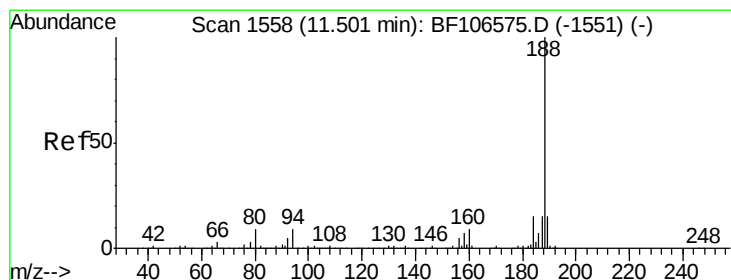
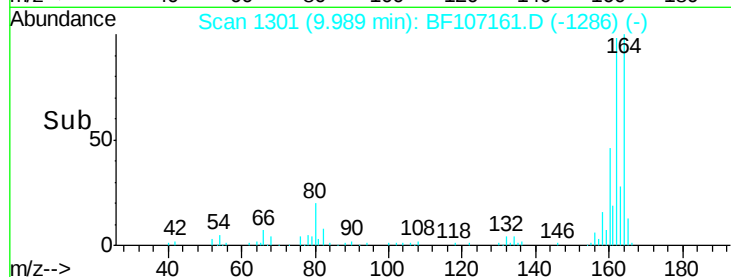
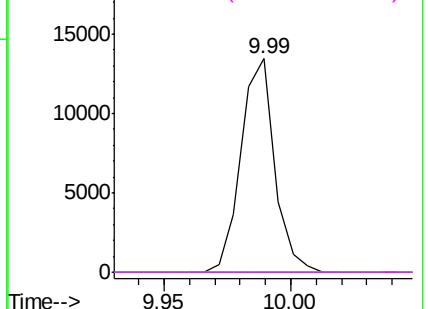


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

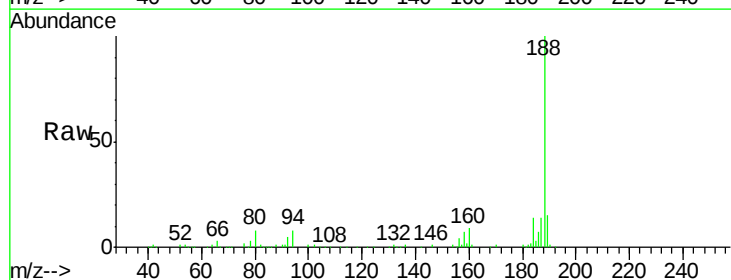
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

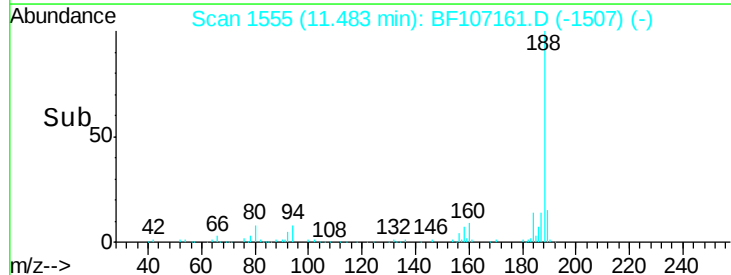
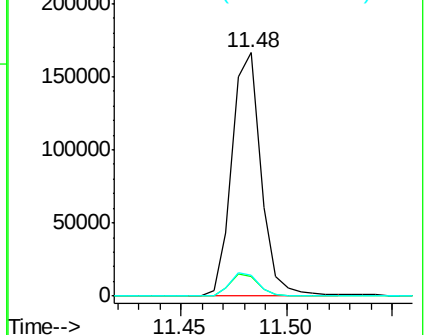
Tgt Ion:	188	Resp:	158586
Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.5	9.2	13.8#



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

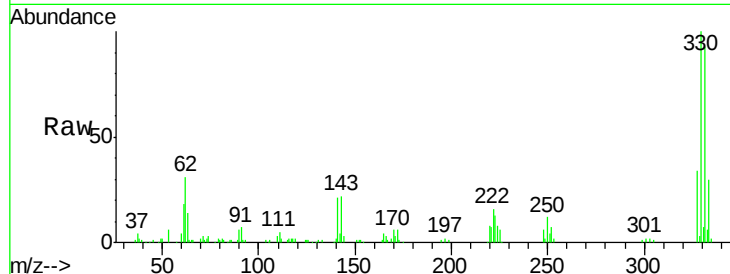




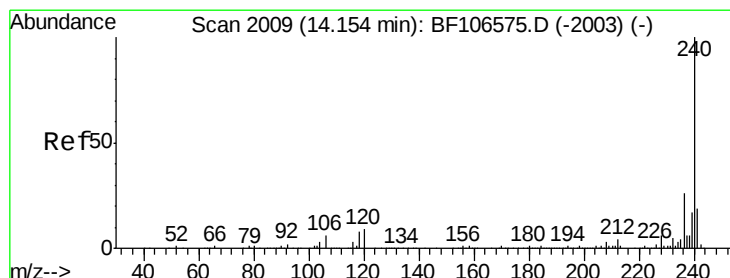
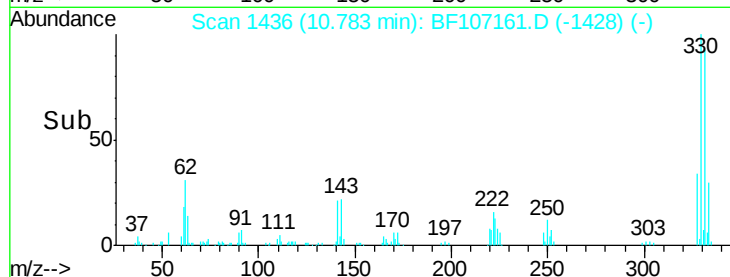
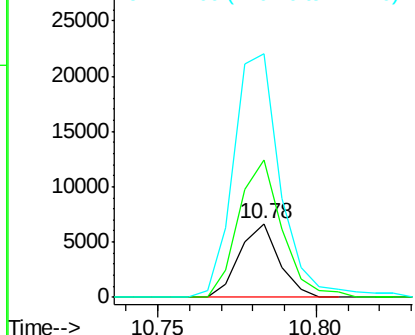
#66
4-Bromophenyl-phenylether
Concen: 3.050 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-S

Tgt Ion:248 Resp: 5773
Ion Ratio Lower Upper
248 100
250 185.1 76.9 115.3#
141 329.5 74.4 111.6#

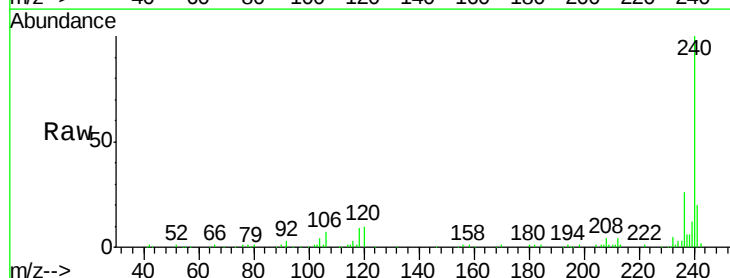


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

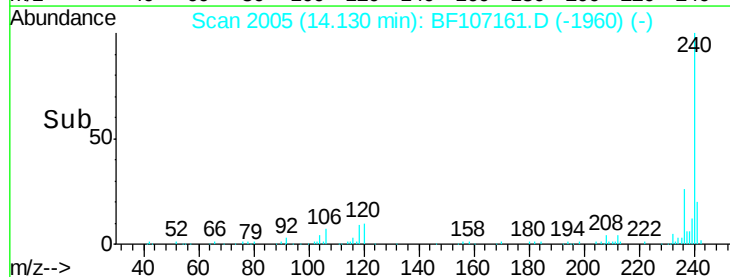
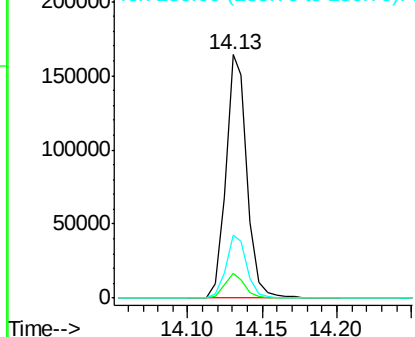


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Tgt Ion:240 Resp: 163441
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.9 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

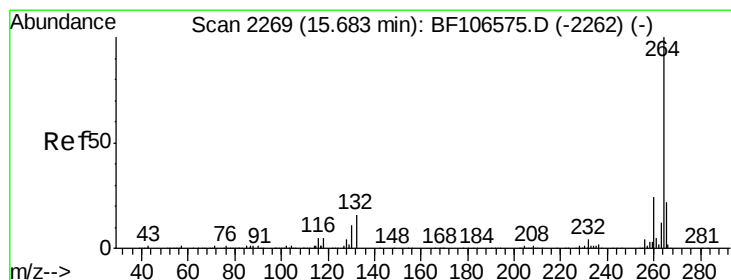
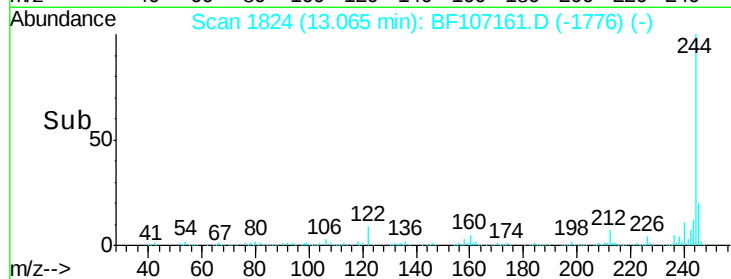
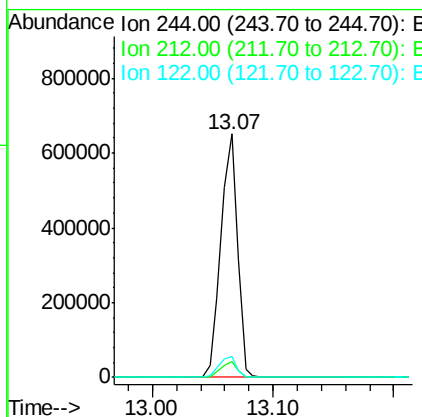
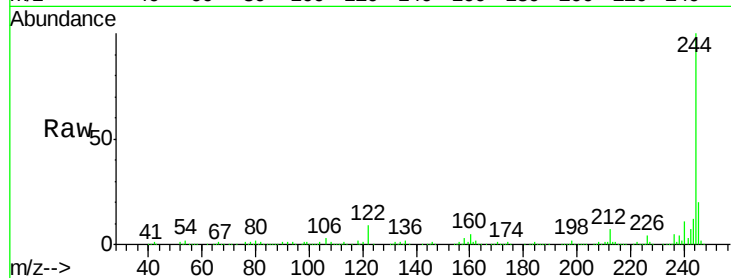




#78
Terphenyl-d14
Concen: 91.650 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Instrument :
BNA_F
ClientSampleId :
070218-TIPC-F-U-S

Tgt Ion:	244	Resp:	618397
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.6	11.0	16.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107161.D
Acq: 6 Jul 2018 9:07

Tgt Ion:	264	Resp:	114435
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.2	17.5	26.3

