

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107256.D
 Acq On : 10 Jul 2018 4:16
 Operator : JU/SJ
 Sample : J3876-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070318-TIPC-E-U-M

Quant Time: Jul 10 07:55:39 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

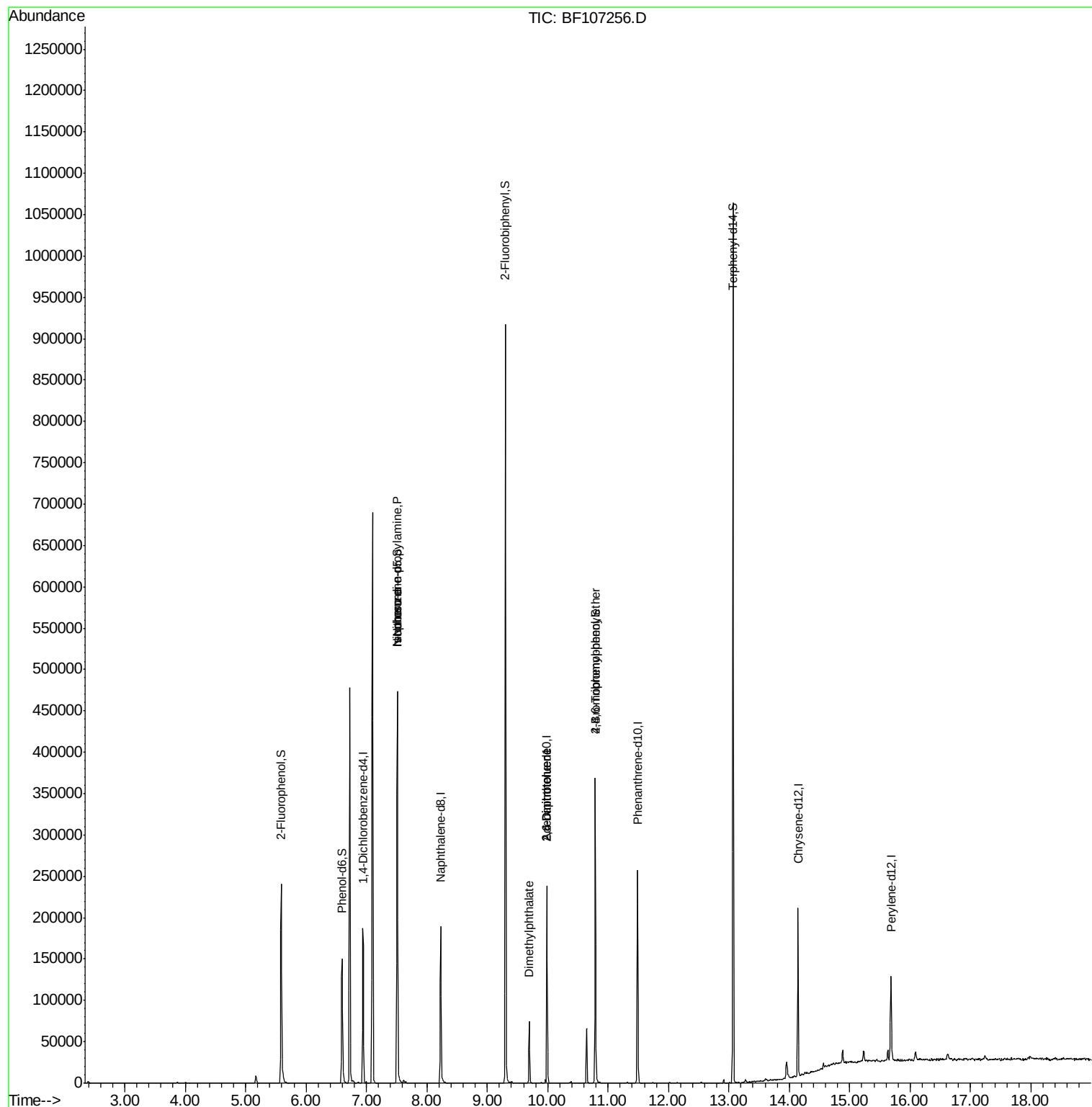
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	29004	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	99296	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	47122	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	105051	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	75095	20.00	ng	-0.02
86) Perylene-d12	15.68	264	56323	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	82152	47.96	ng	-0.01
7) Phenol-d6	6.60	99	57806	27.02	ng	-0.02
23) Nitrobenzene-d5	7.51	82	164023	91.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55411	101.46	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	308765	116.35	ng	-0.02
78) Terphenyl-d14	13.07	244	389480	125.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	20879	14.808	ng	# 72
25) Isophorone	7.51	82	164022	52.095	ng	# 64
49) Dimethylphthalate	9.70	163	31848	9.011	ng	99
50) 2,6-Dinitrotoluene	9.99	165	6037	8.067	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	6037	6.180	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3218	2.567	ng	# 1

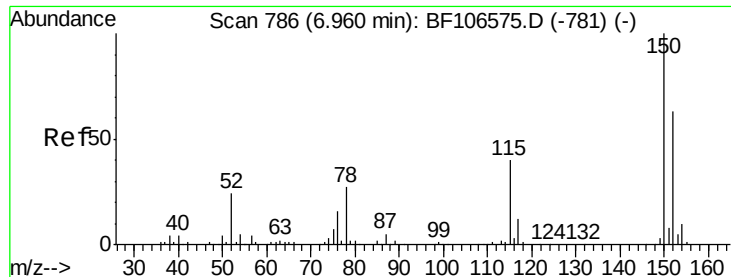
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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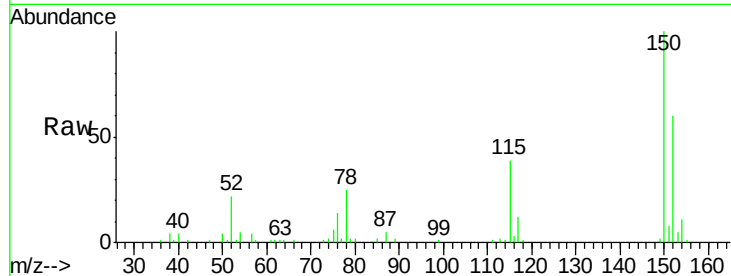


#1

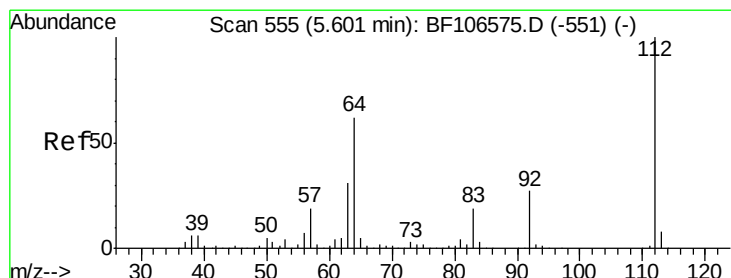
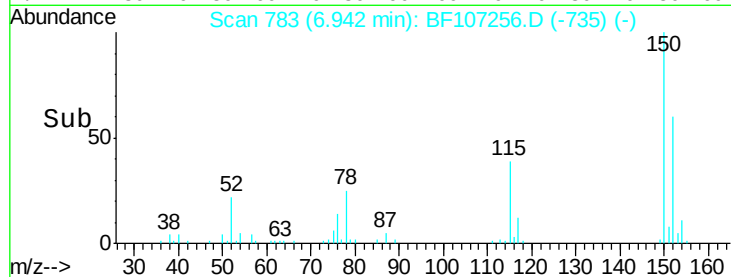
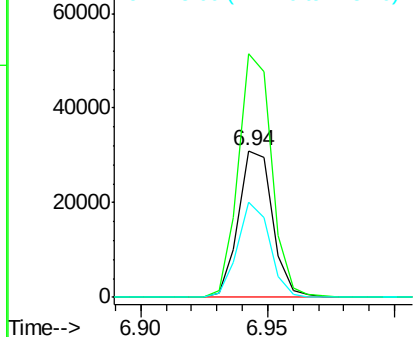
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107256.D
Acq: 10 Jul 2018 4:16

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-U-M

Tgt Ion:152 Resp: 29004
Ion Ratio Lower Upper
152 100
150 165.7 124.6 186.8
115 64.9 50.1 75.1



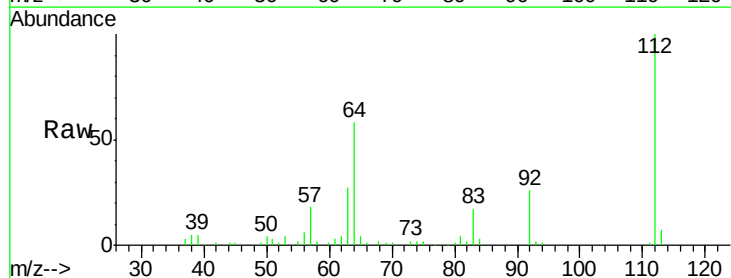
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



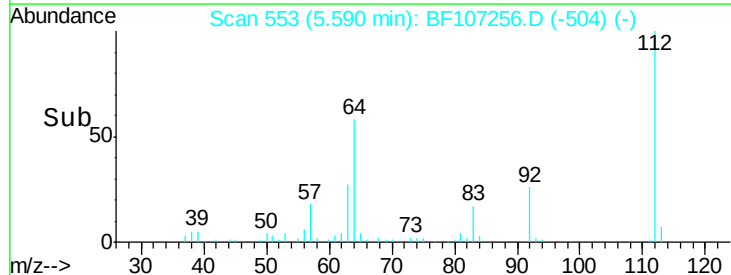
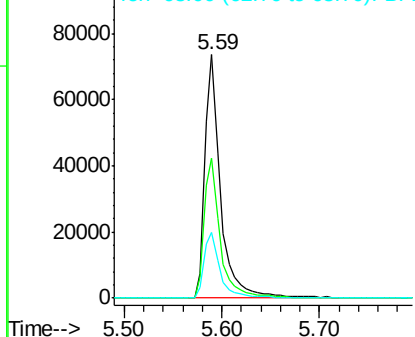
#5

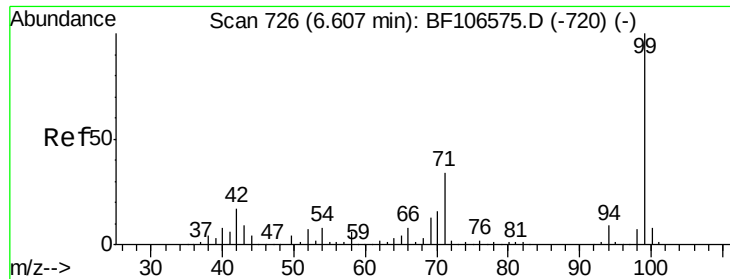
2-Fluorophenol
Concen: 47.962 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107256.D
Acq: 10 Jul 2018 4:16

Tgt Ion:112 Resp: 82152
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 27.2 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: 27.025 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-U-M

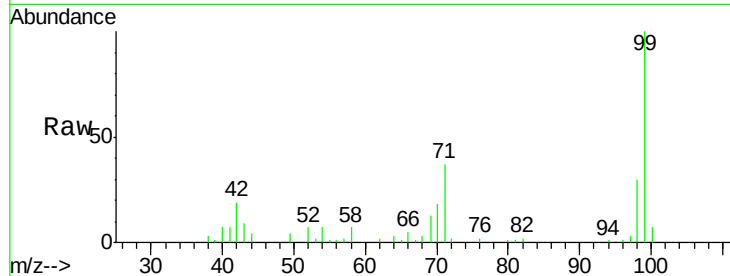
Tgt Ion: 99 Resp: 57806

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

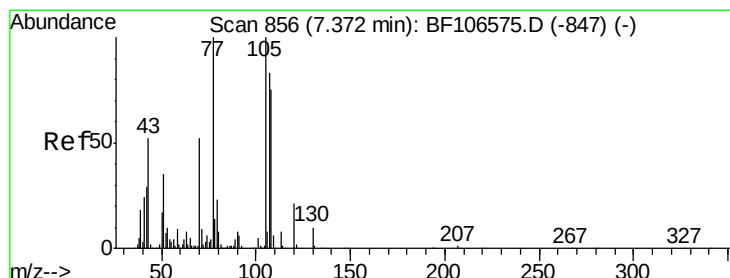
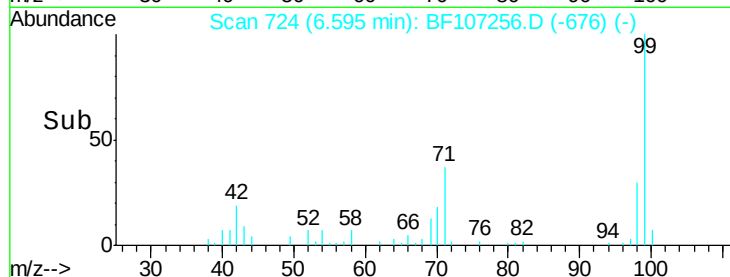
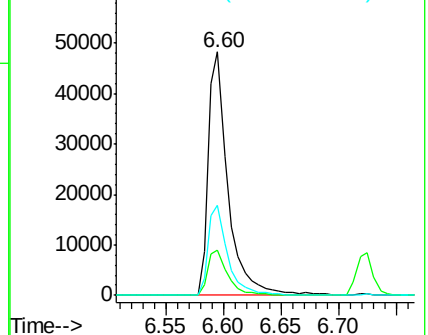
71 36.7 25.4 38.0



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: 14.808 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

Tgt Ion: 70 Resp: 20879

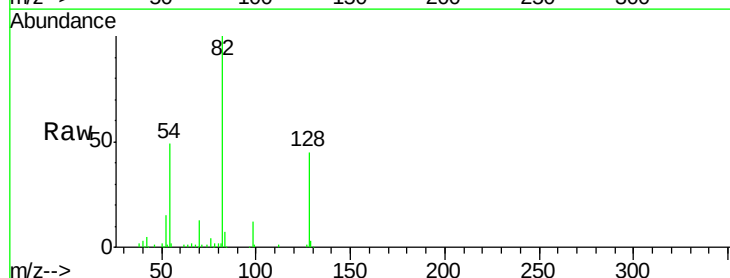
Ion Ratio Lower Upper

70 100

42 41.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

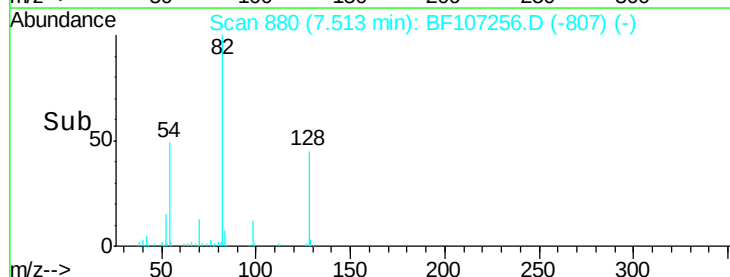
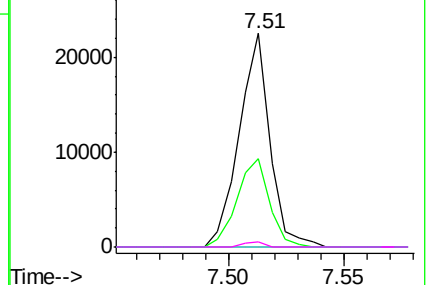


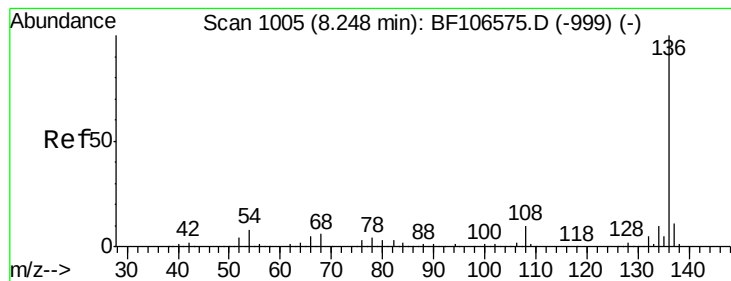
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF107256.D

Acq: 10 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-U-M

Tgt Ion: 136 Resp: 99296

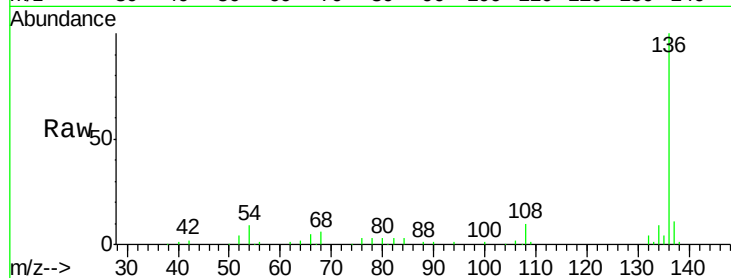
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.4 5.0 7.4

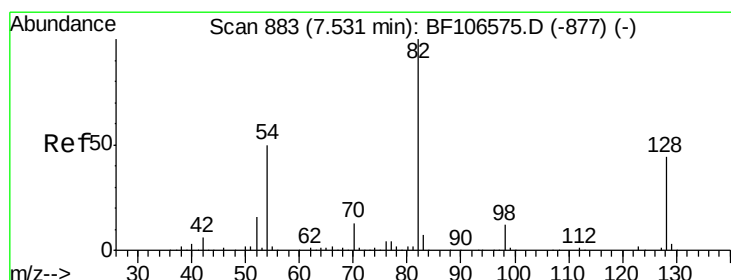
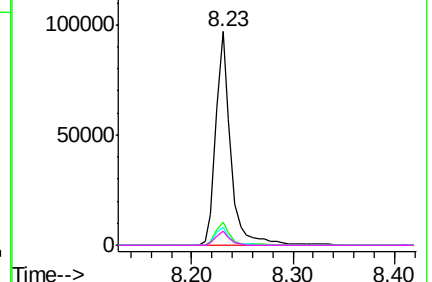
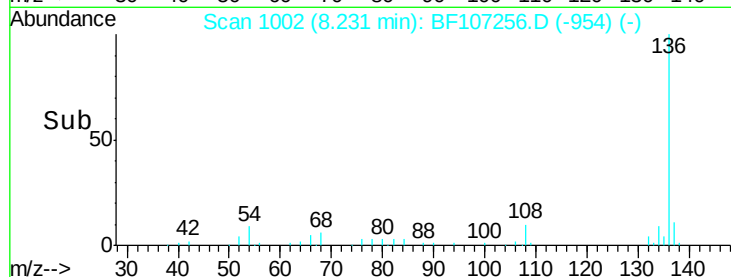


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.800 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

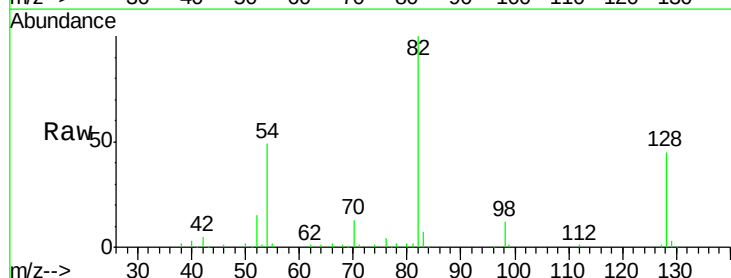
Tgt Ion: 82 Resp: 164023

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

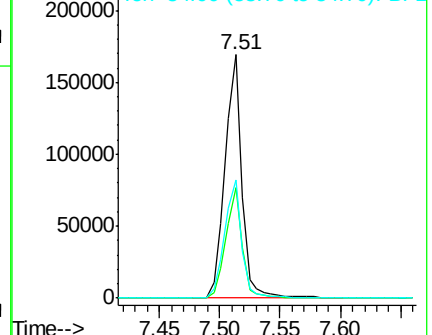
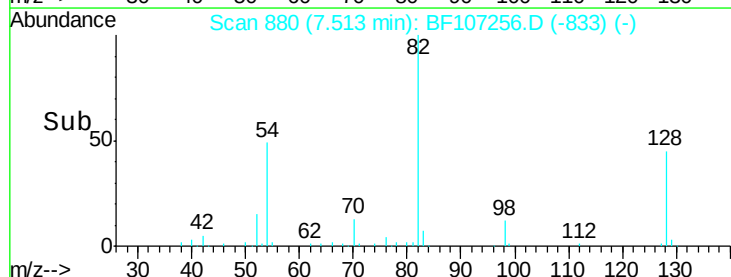
54 48.6 41.4 62.2

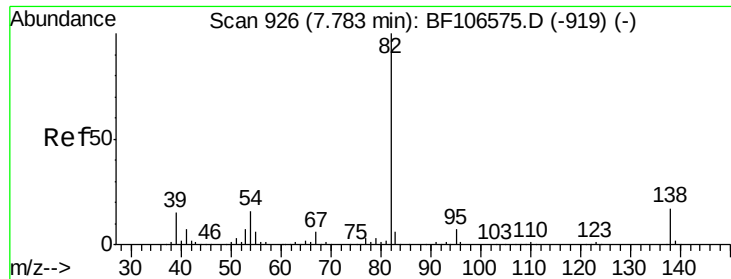


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.095 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

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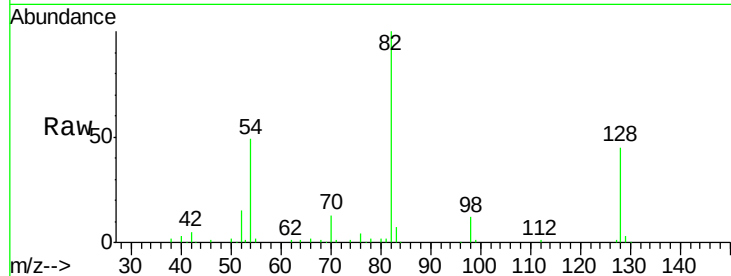
Tgt Ion: 82 Resp: 164022

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

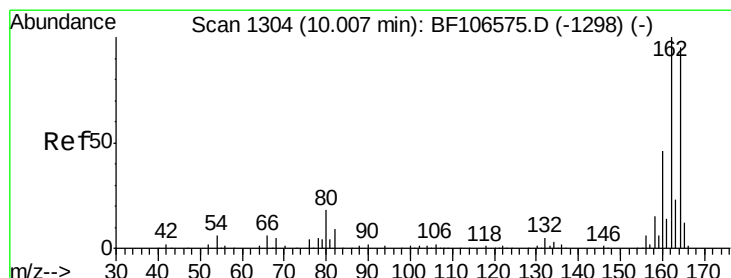
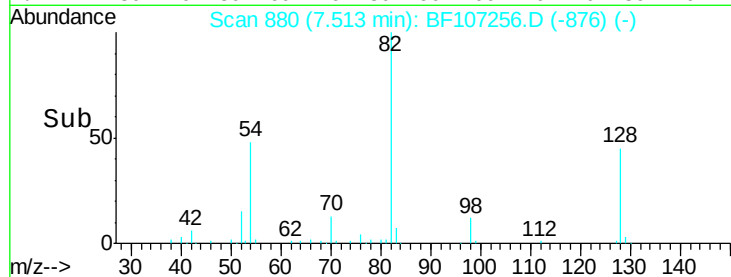
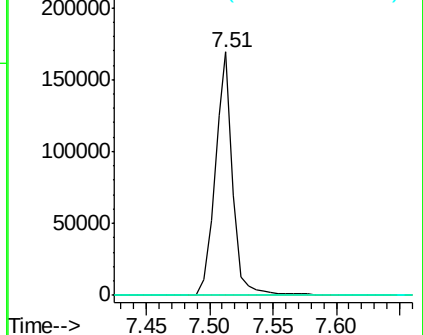
138 0.0 14.9 22.3#



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: BF107256.D

Acq: 10 Jul 2018 4:16

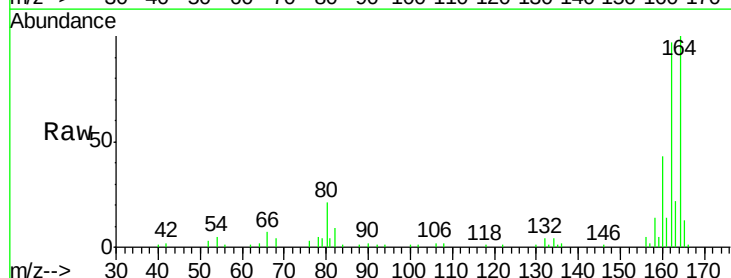
Tgt Ion: 164 Resp: 47122

Ion Ratio Lower Upper

164 100

162 96.7 86.1 129.1

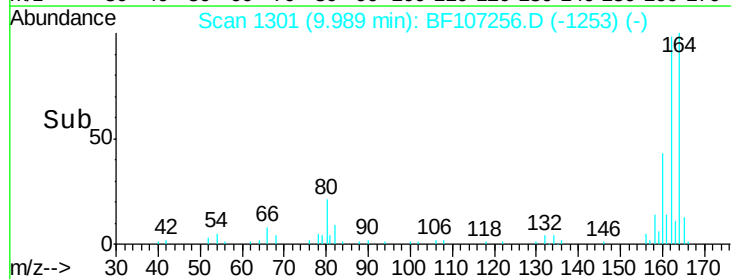
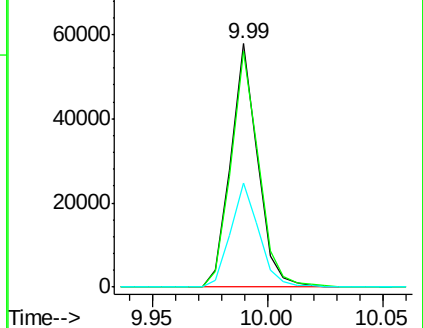
160 42.8 38.3 57.5

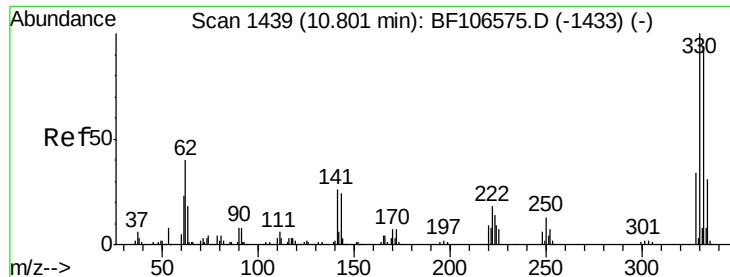


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

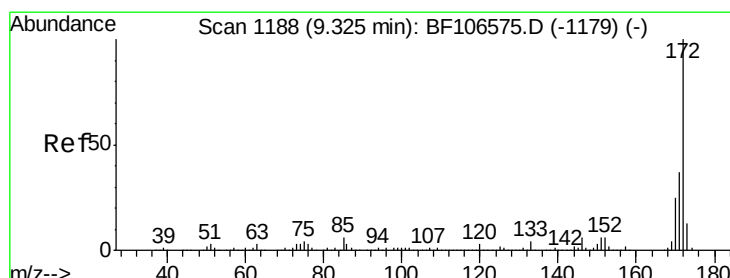
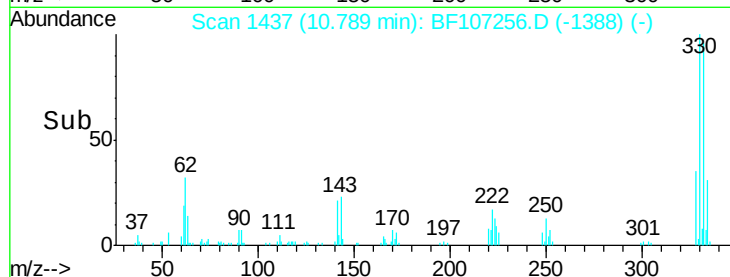
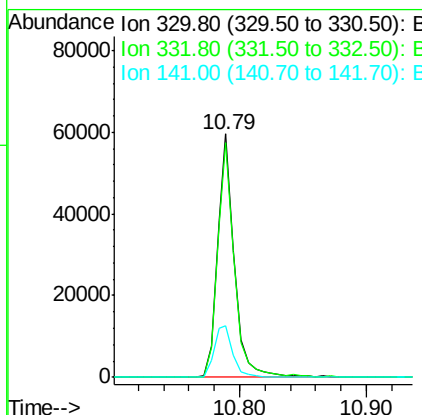
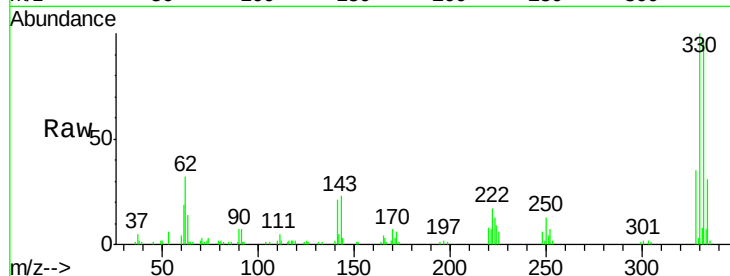




#41
 2,4,6-Tribromophenol
 Concen: 101.456 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

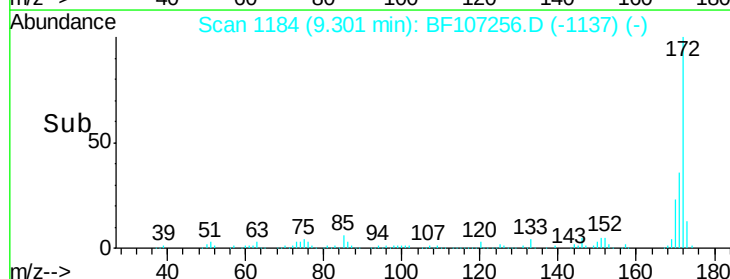
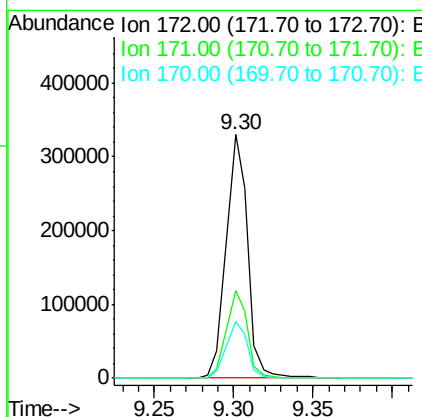
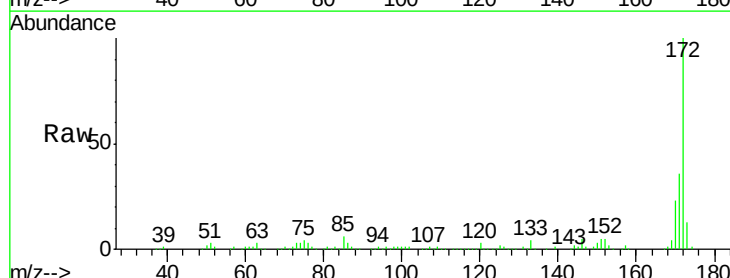
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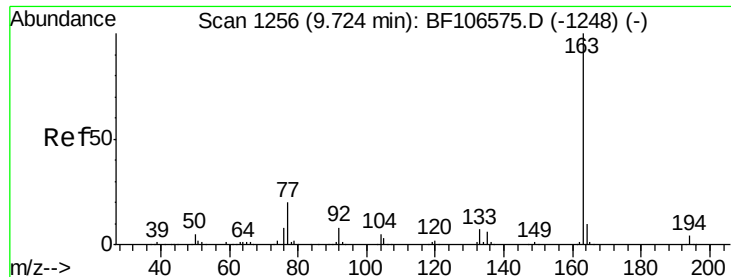
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	23.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 116.349 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.4	19.6	29.4

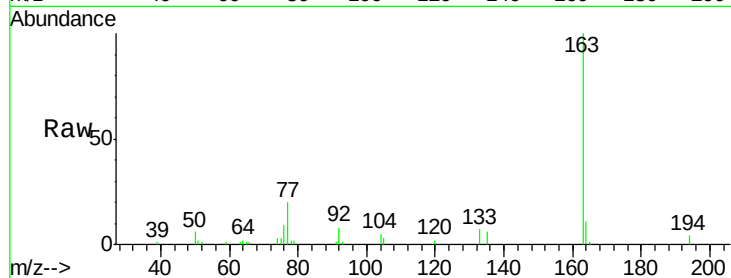




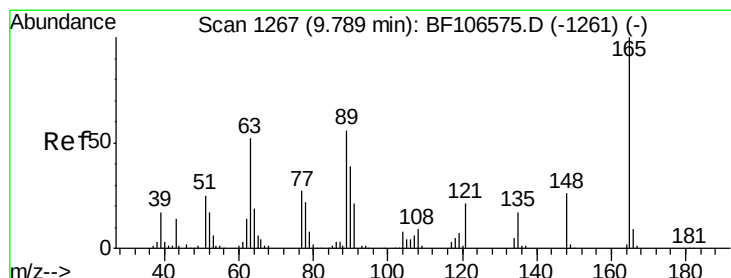
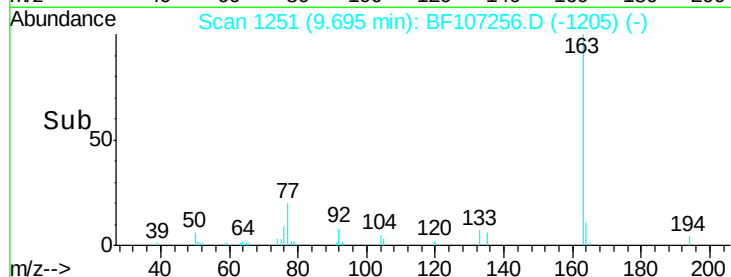
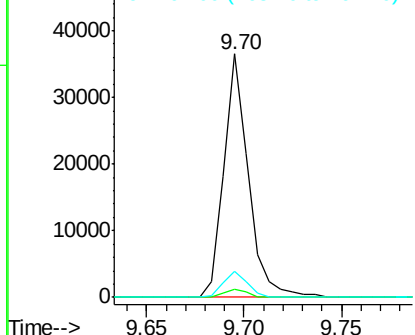
#49
Dimethylphthalate
Concen: 9.011 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107256.D
Acq: 10 Jul 2018 4:16

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-U-M

Tgt Ion:163 Resp: 31848
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2

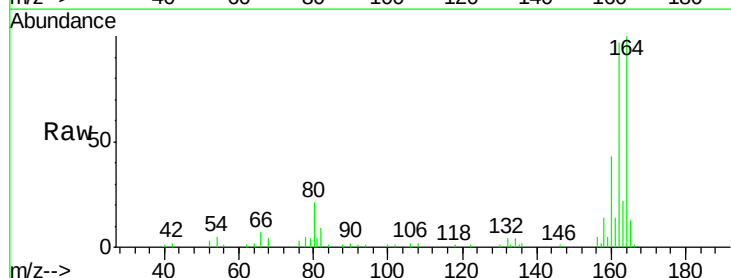


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

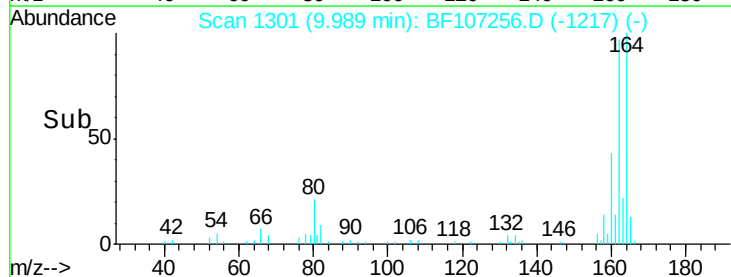
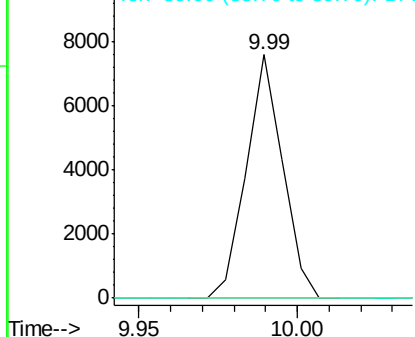


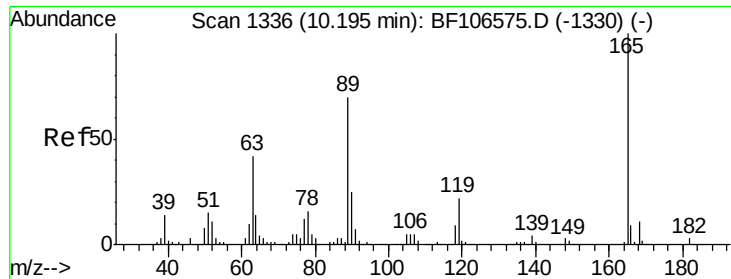
#50
2,6-Dinitrotoluene
Concen: 8.067 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107256.D
Acq: 10 Jul 2018 4:16

Tgt Ion:165 Resp: 6037
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

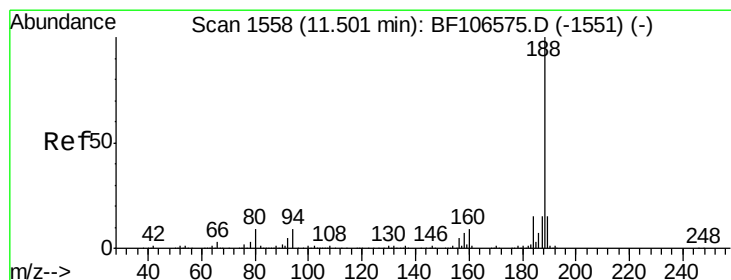
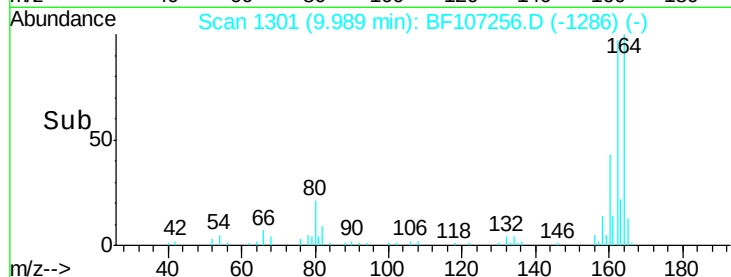
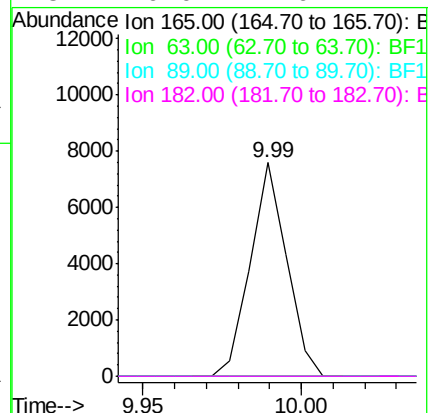
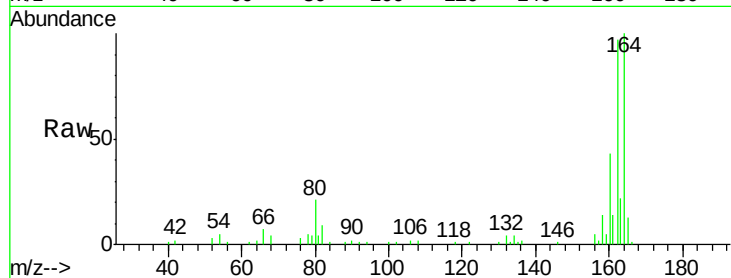




#56
 2,4-Dinitrotoluene
 Concen: 6.180 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

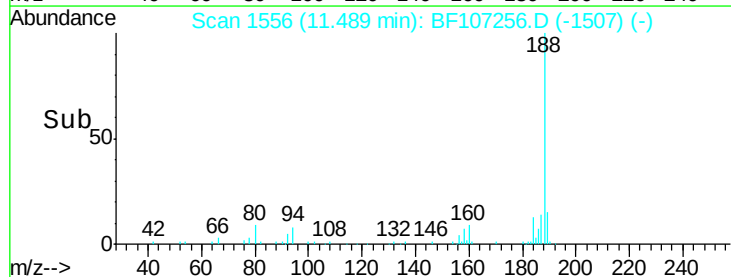
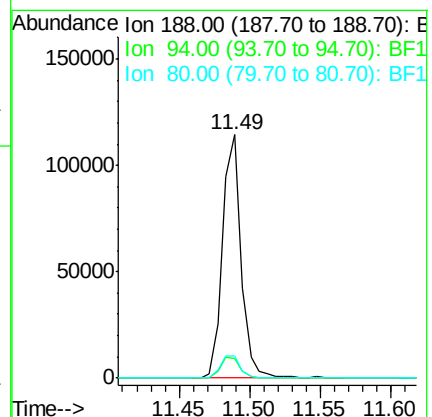
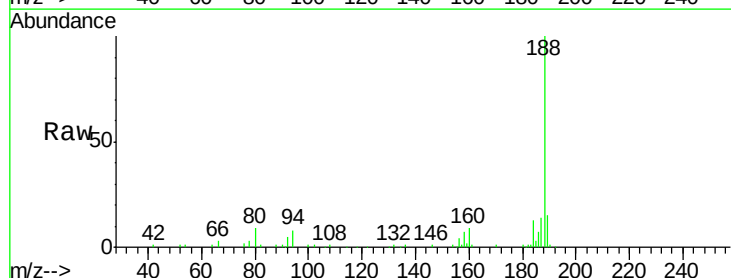
Instrument :
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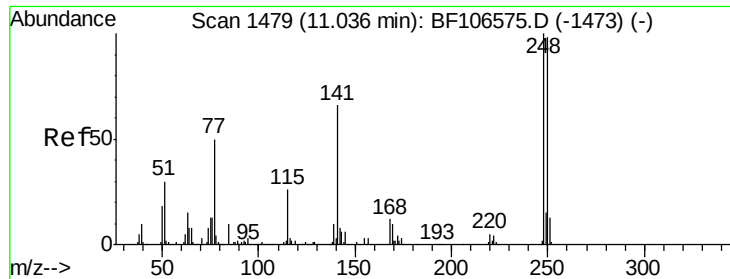
Tgt Ion:	165	Resp:	6037
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

Tgt Ion:	188	Resp:	105051
Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.9	9.2	13.8#

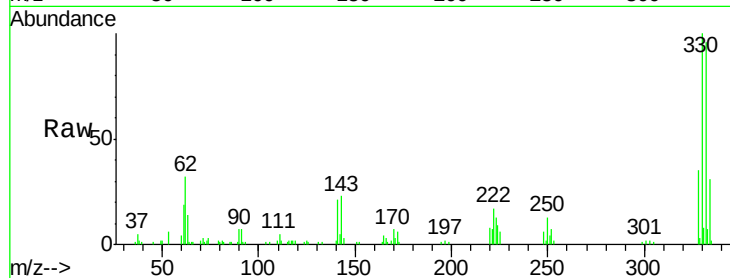




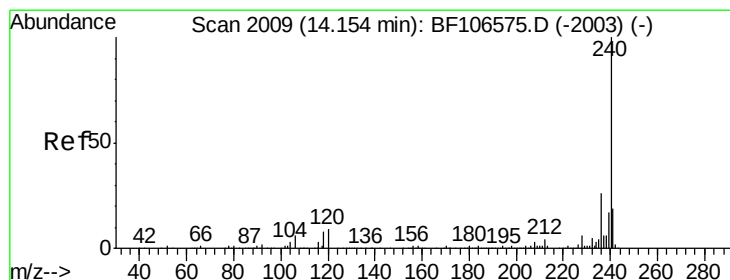
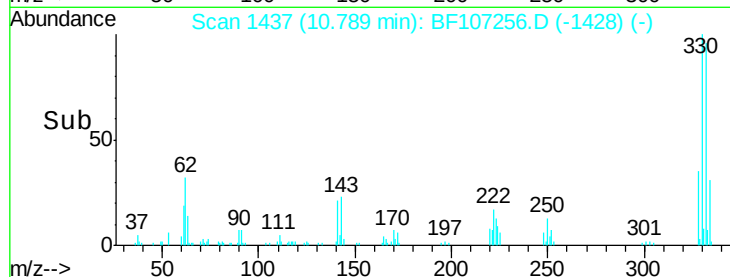
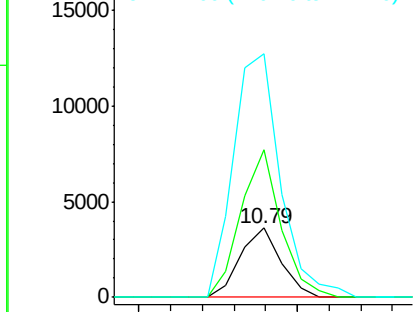
#66
 4-Bromophenyl-phenylether
 Concen: 2.567 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

Instrument :
 BNA_F
 ClientSampleId :
 070318-TIPC-E-U-M

Tgt Ion: 248 Resp: 3218
 Ion Ratio Lower Upper
 248 100
 250 212.3 76.9 115.3#
 141 351.2 74.4 111.6#

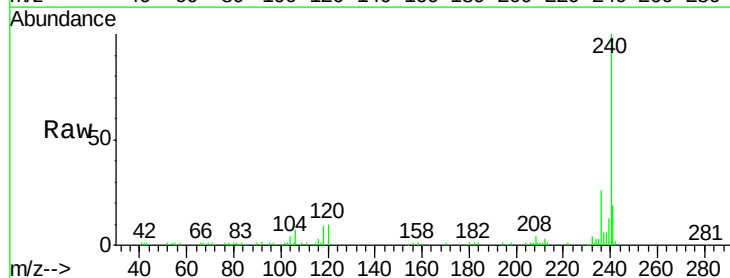


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

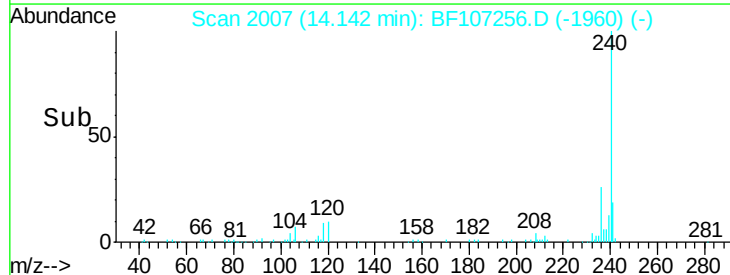
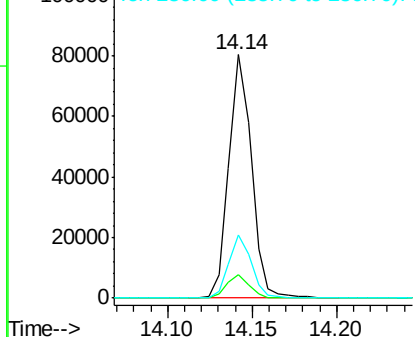


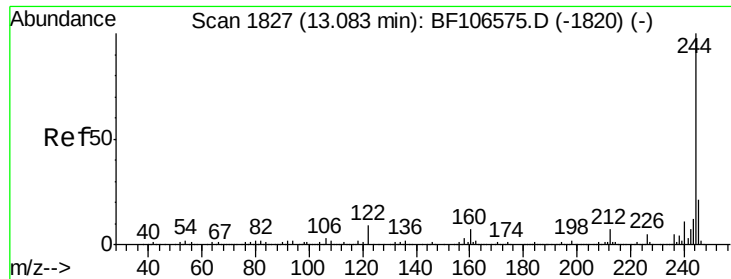
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107256.D
 Acq: 10 Jul 2018 4:16

Tgt Ion: 240 Resp: 75095
 Ion Ratio Lower Upper
 240 100
 120 9.8 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: 125.632 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

Instrument :

BNA_F

ClientSampleId :

070318-TIPC-E-U-M

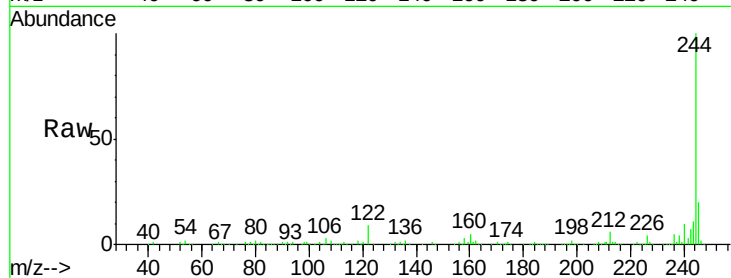
Tgt Ion:244 Resp: 389480

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

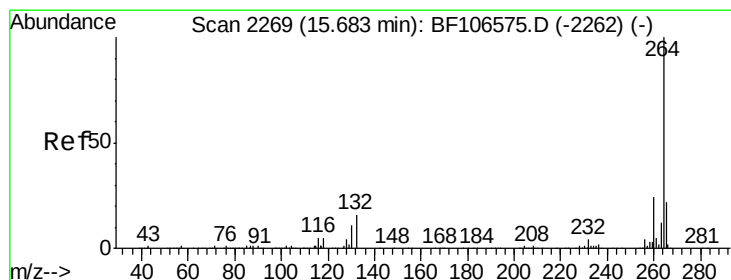
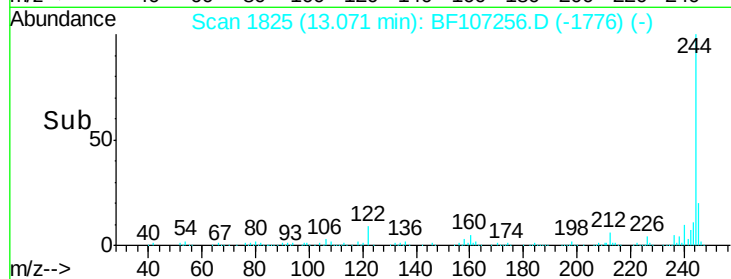
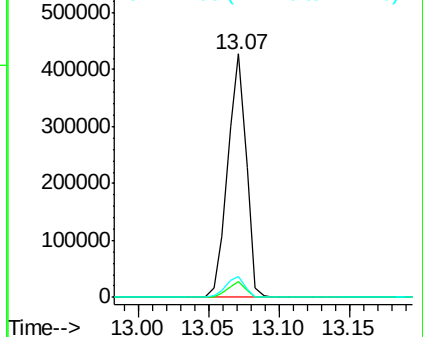
122 8.7 11.0 16.4#



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: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF107256.D

Acq: 10 Jul 2018 4:16

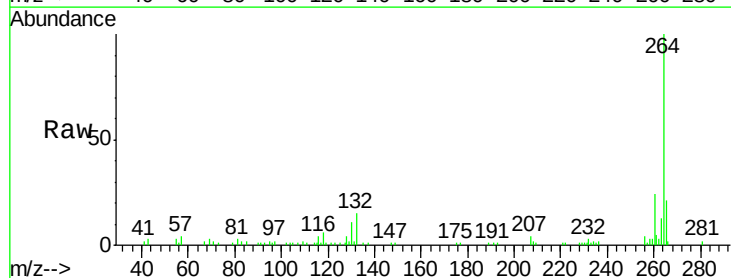
Tgt Ion:264 Resp: 56323

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

