

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107726.D
 Acq On : 27 Jul 2018 4:36
 Operator : JU/SJ
 Sample : J4161-01 100X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:22:36 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

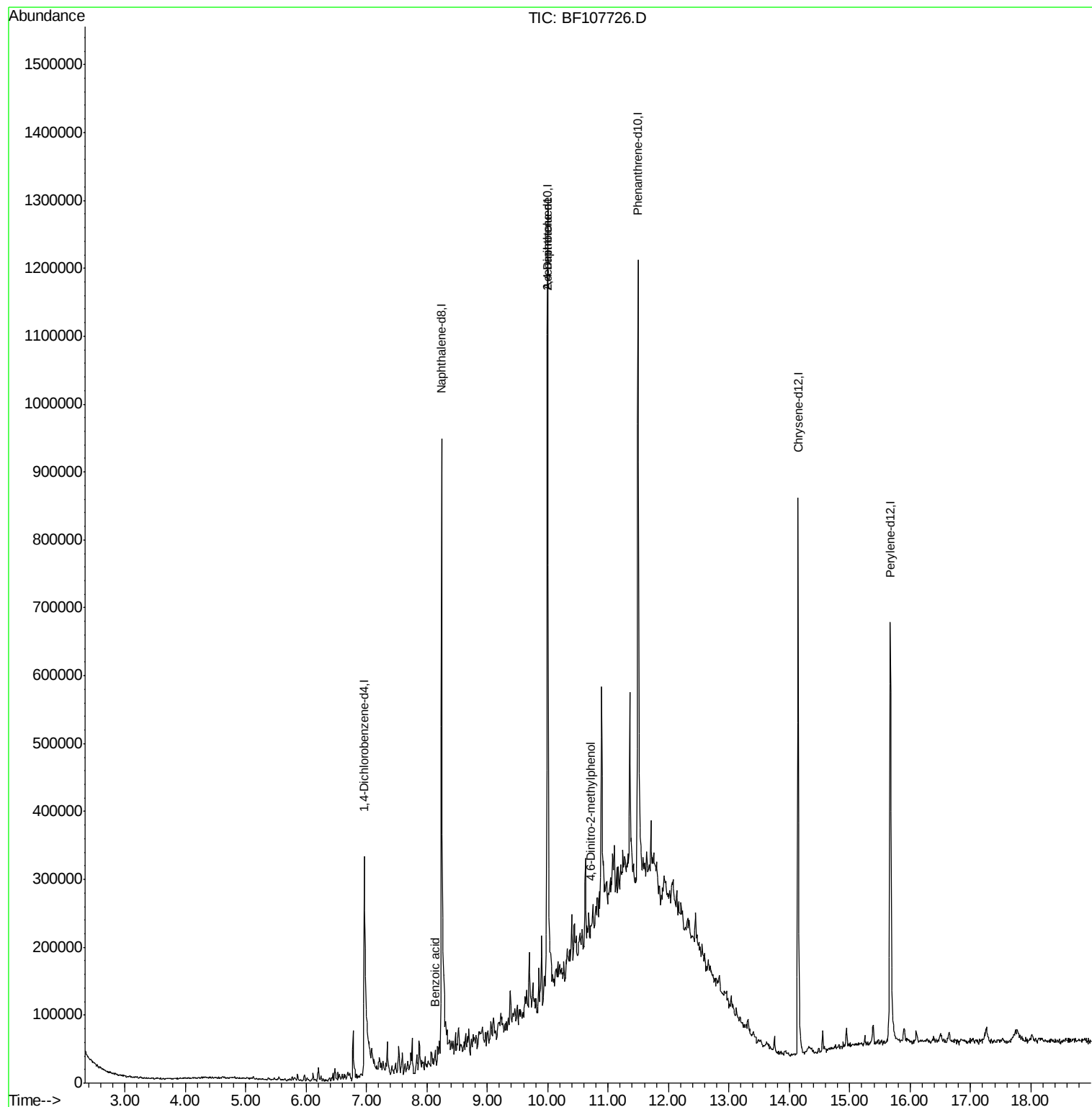
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124745	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	660868	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	301069	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	509311	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	384023	20.00	ng	-0.02
86) Perylene-d12	15.67	264	396462	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.78	99	575	0.06	ng	0.16
23) Nitrobenzene-d5	7.55	82	765	0.08	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	106	0.03	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1832	-1.00	ng	-0.02
78) Terphenyl-d14	13.08	244	2005	0.13	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.55	77	325	Below Cal	#	1
32) Benzoic acid	8.12	122	168	7.922 ng	#	70
56) 2,4-Dinitrotoluene	10.00	165	35890	6.600 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	112	8.718 ng	#	1
73) Di-n-butylphthalate	12.07	149	84	Below Cal	#	4

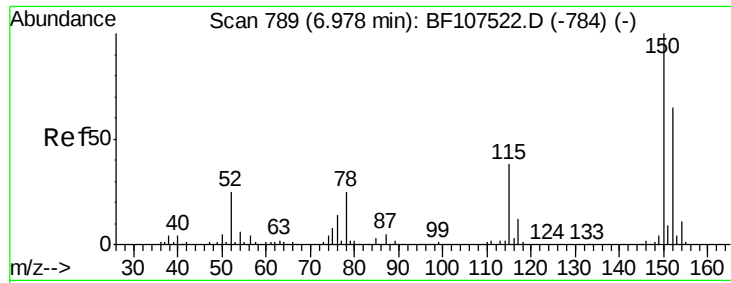
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107726.D
Acq On : 27 Jul 2018 4:36
Operator : JU/SJ
Sample : J4161-01 100X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 27 08:22:36 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



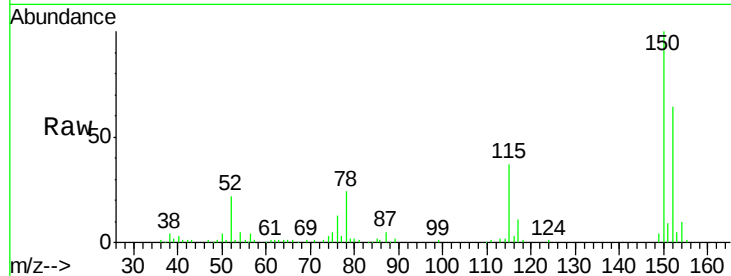


#1

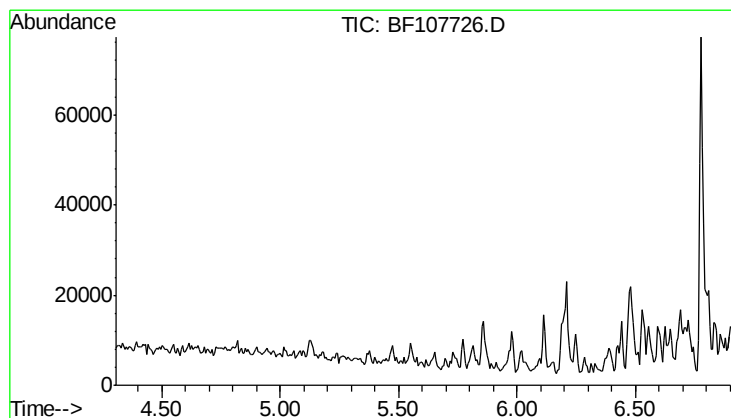
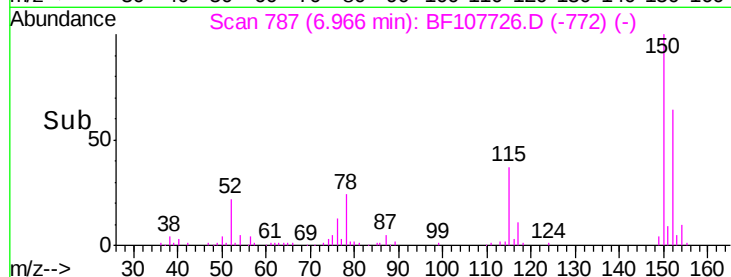
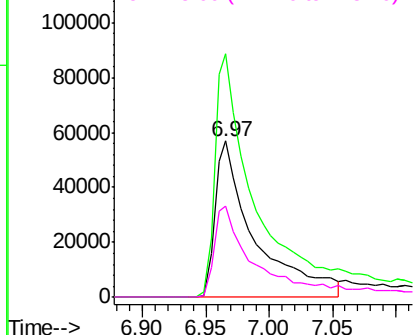
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107726.D
Acq: 27 Jul 2018 4:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124745
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 58.0 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

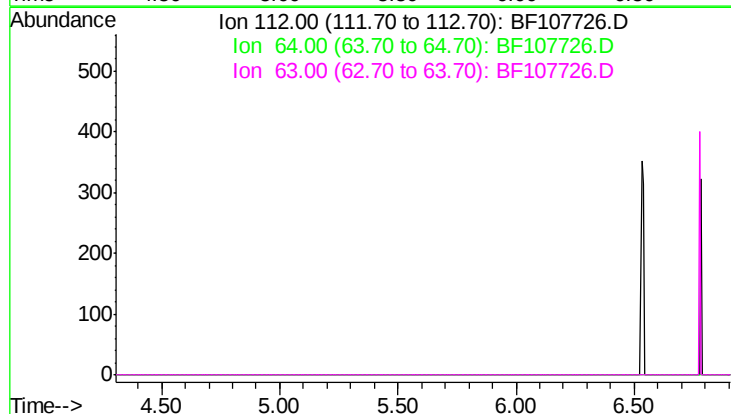


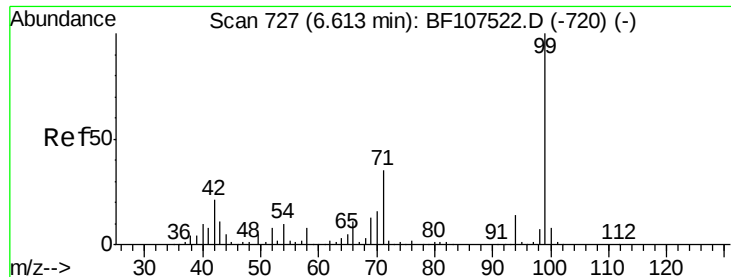
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.61 min

Lab File: BF107726.D
Acq: 27 Jul 2018 4:36

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.9
63 29.6





#7

Phenol-d6

Concen: 0.062 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.16 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampled :

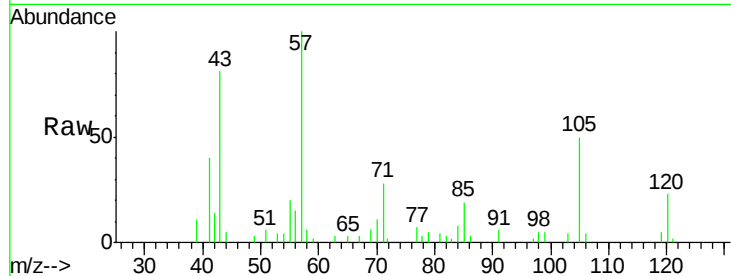
Tgt Ion: 99 Resp: 575

Ion Ratio Lower Upper

99 100

42 260.9 14.5 21.7#

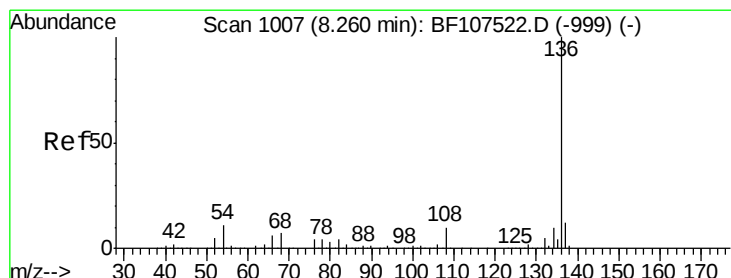
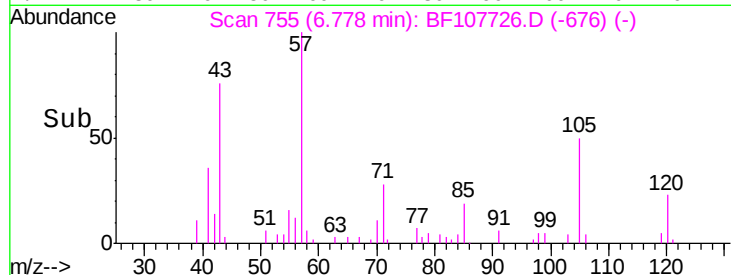
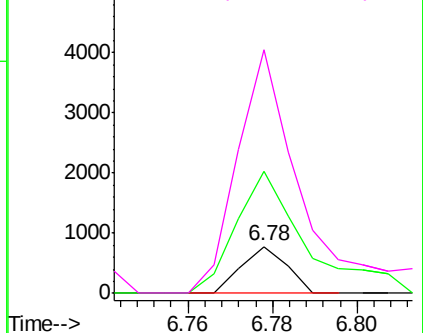
71 519.2 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Tgt Ion:136 Resp: 660868

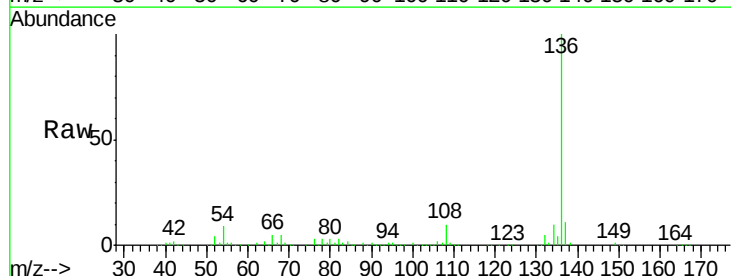
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 5.3 5.0 7.4

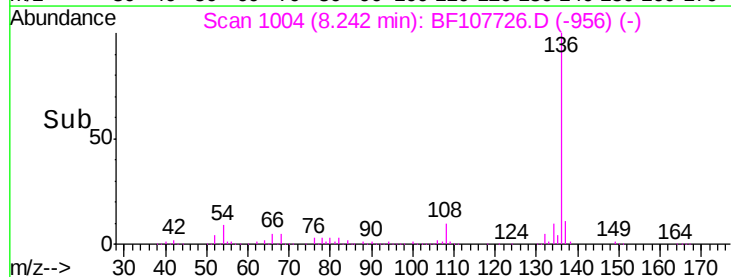
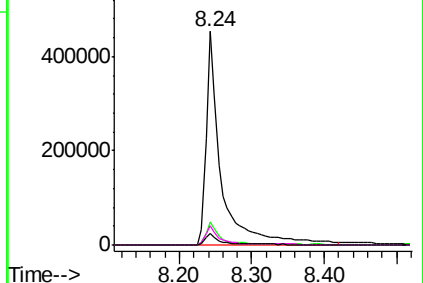


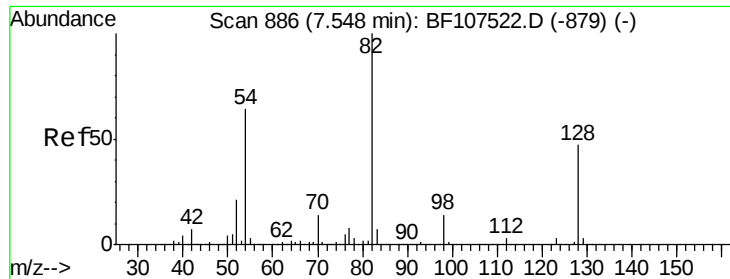
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.078 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF107726.D

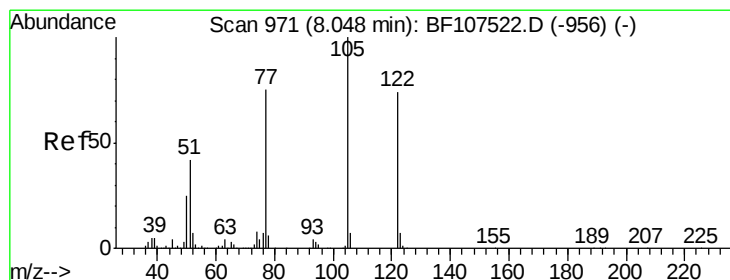
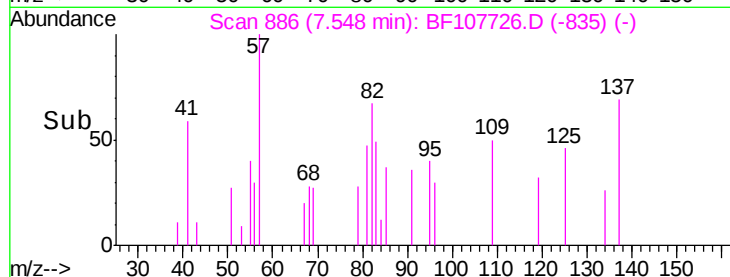
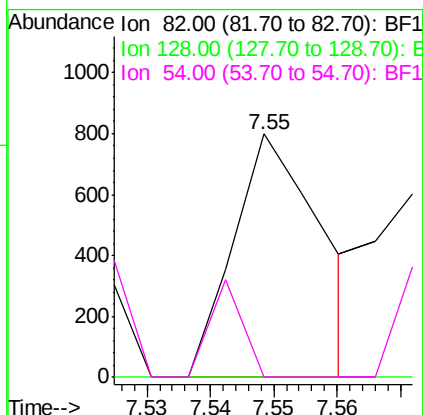
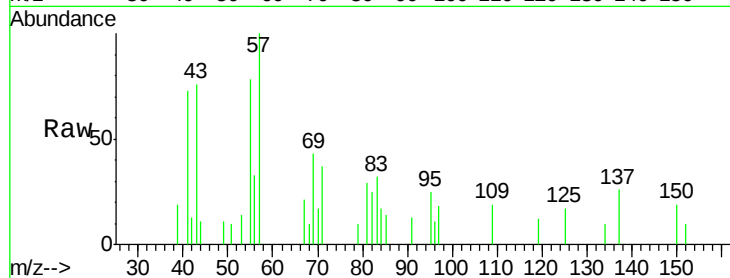
Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	82	Resp:	765
Ion Ratio	Lower	Upper	
82	100		
128	0.0	36.1	54.1#
54	0.0	41.4	62.2#



#32

Benzoic acid

Concen: 7.922 ng

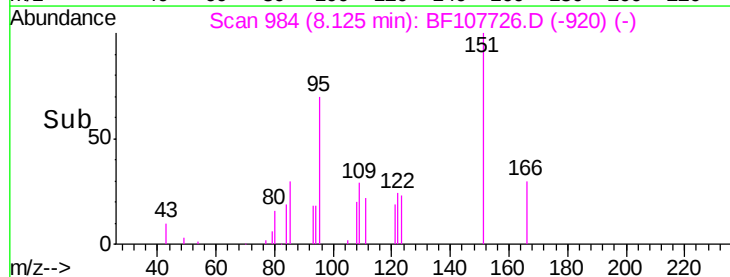
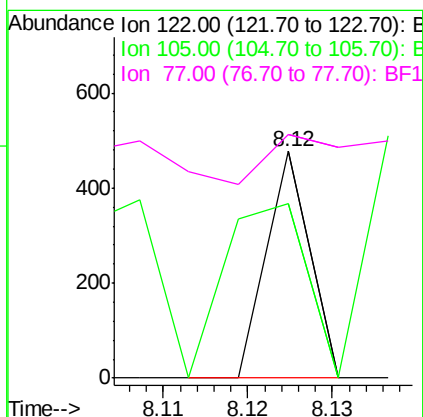
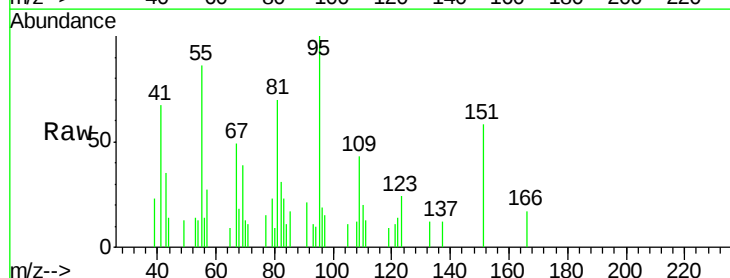
RT: 8.12 min Scan# 984

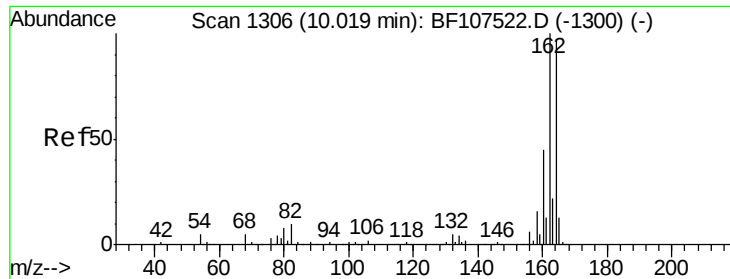
Delta R.T. 0.08 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Tgt Ion:	122	Resp:	168
Ion Ratio	Lower	Upper	
122	100		
105	76.9	101.1	141.1#
77	107.3	70.7	110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampleId :

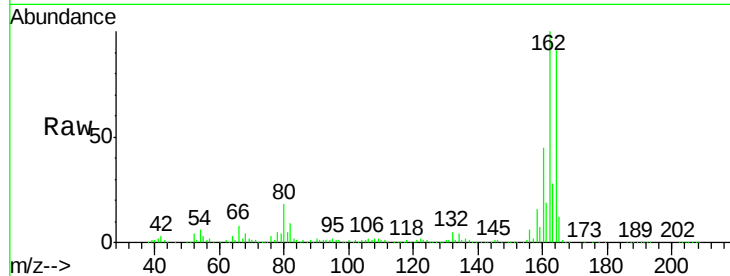
Tgt Ion:164 Resp: 301069

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

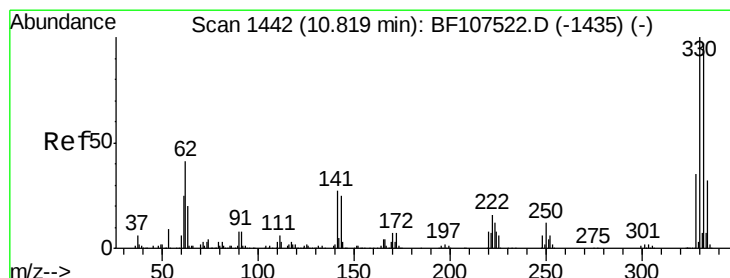
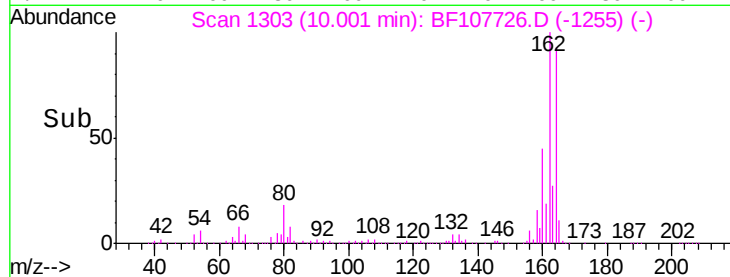
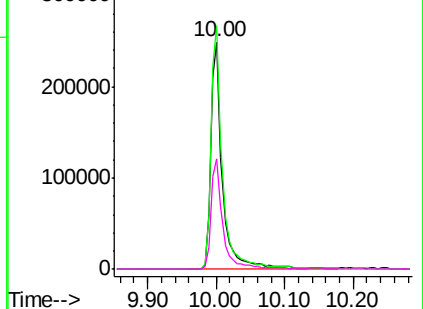
160 48.5 38.3 57.5



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: 0.031 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

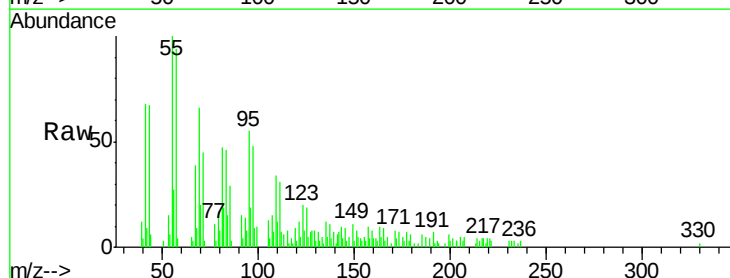
Tgt Ion:330 Resp: 106

Ion Ratio Lower Upper

330 100

332 0.0 77.0 115.6#

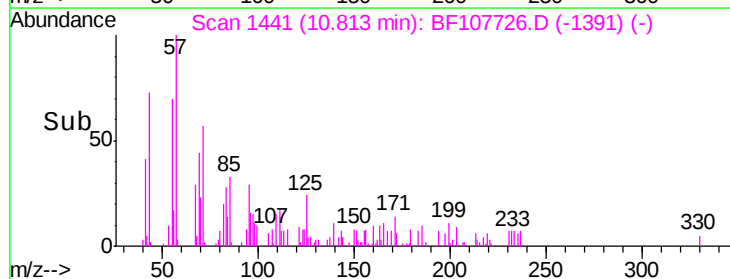
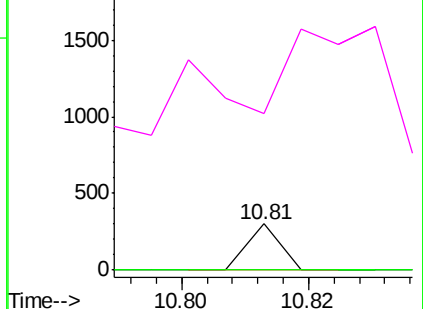
141 1185.8 29.9 44.9#

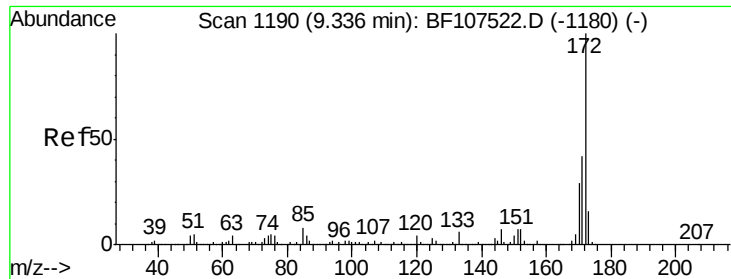


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

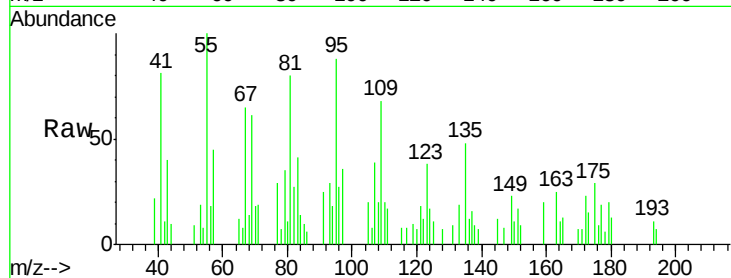




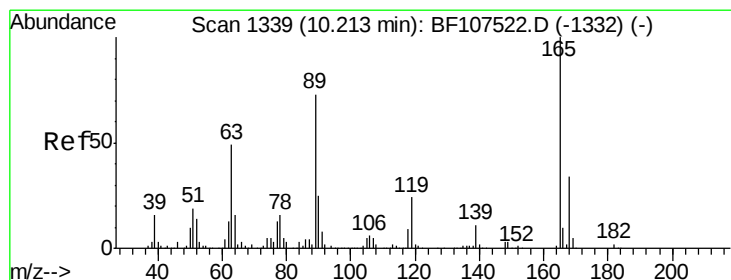
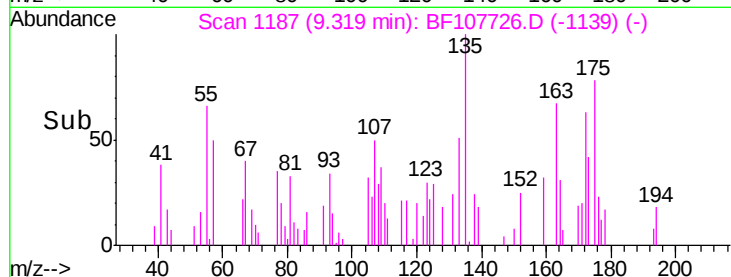
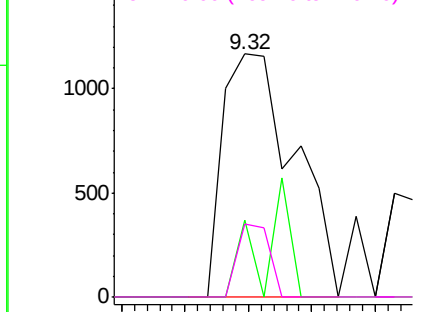
#44
2-Fluorobiphenyl
Concen: -1.000 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107726.D
Acq: 27 Jul 2018 4:36

Instrument :
BNA_F
ClientSampled :

Tgt Ion:172 Resp: 1832
Ion Ratio Lower Upper
172 100
171 31.8 29.7 44.5
170 30.0 19.6 29.4#

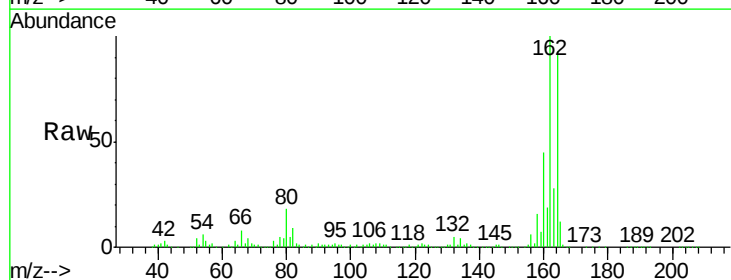


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

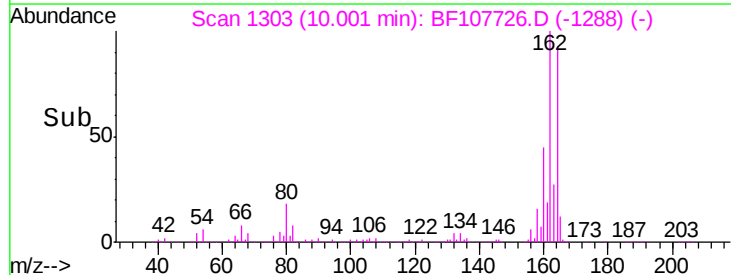
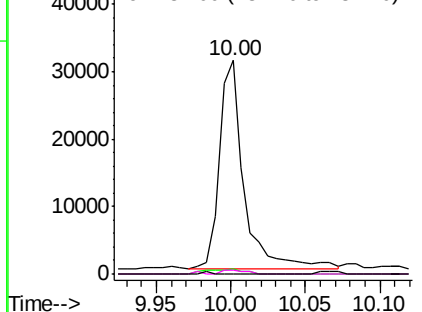


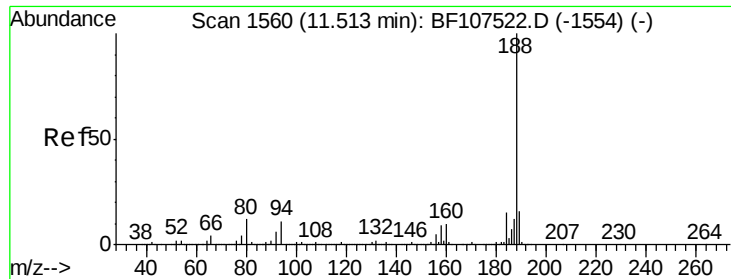
#56
2,4-Dinitrotoluene
Concen: 6.600 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107726.D
Acq: 27 Jul 2018 4:36

Tgt Ion:165 Resp: 35890
Ion Ratio Lower Upper
165 100
63 2.6 36.4 54.6#
89 2.1 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: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampled :

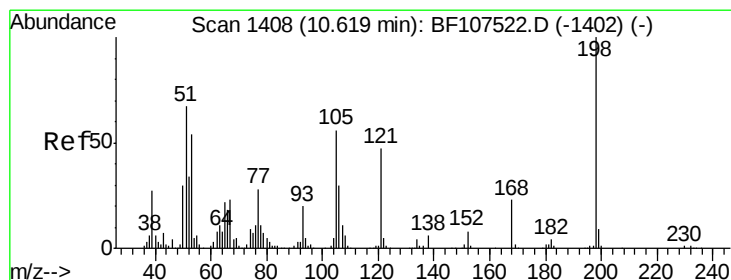
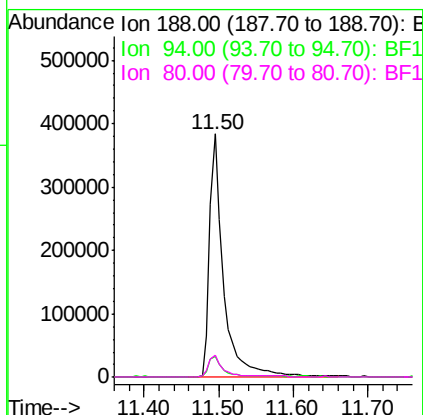
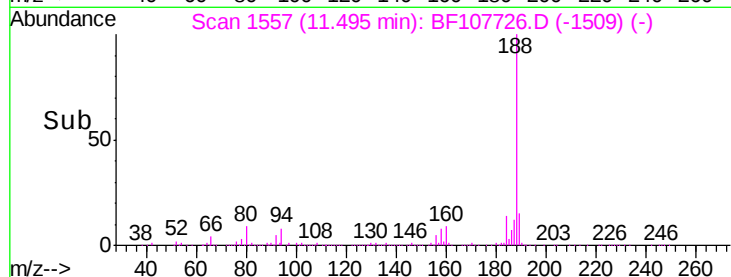
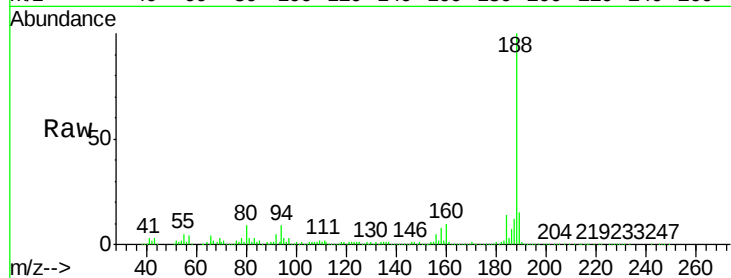
Tgt Ion:188 Resp: 509311

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

80 9.0 9.2 13.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 8.718 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.09 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

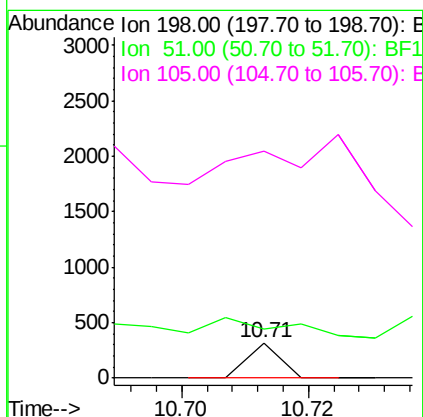
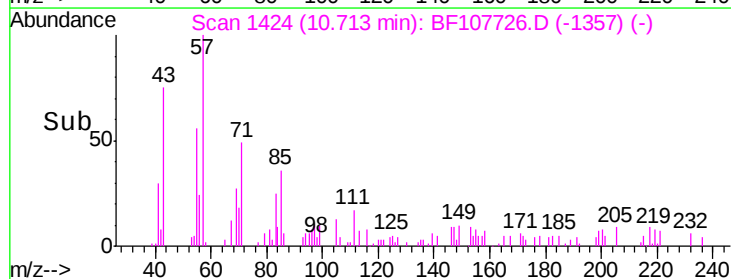
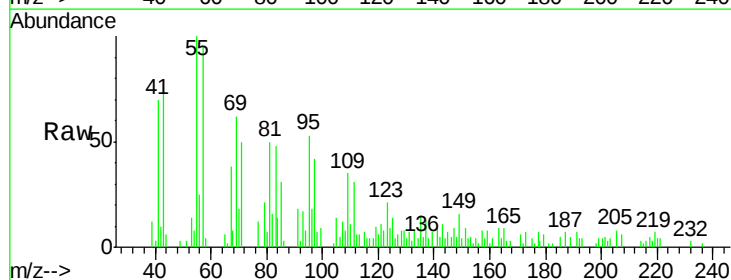
Tgt Ion:198 Resp: 112

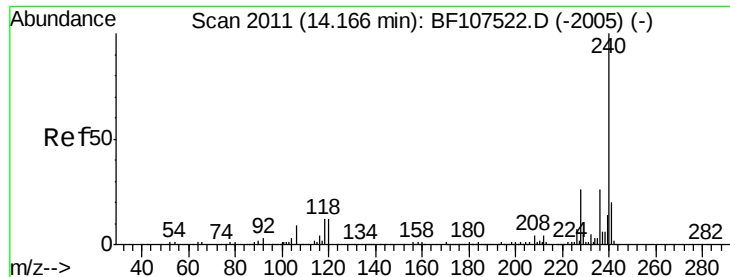
Ion Ratio Lower Upper

198 100

51 139.4 37.7 77.7#

105 644.2 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

Instrument :

BNA_F

ClientSampleId :

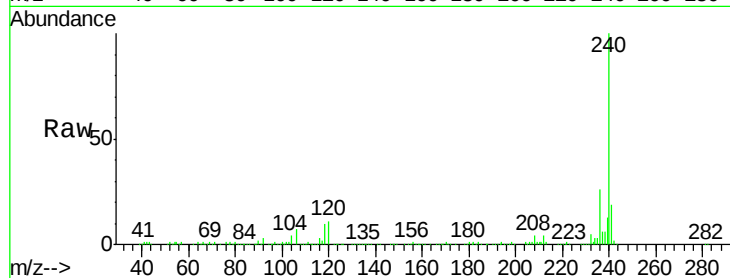
Tgt Ion:240 Resp: 384023

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

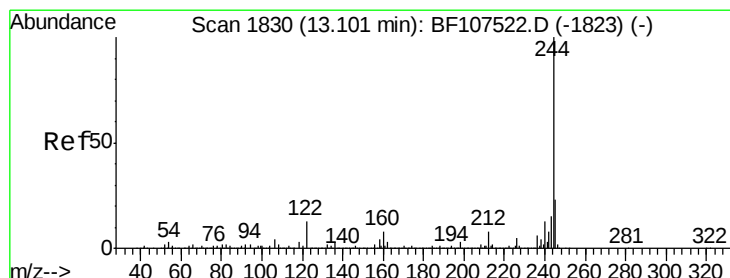
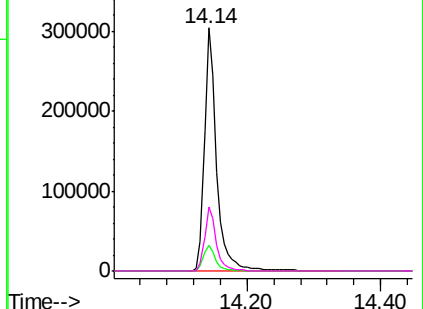
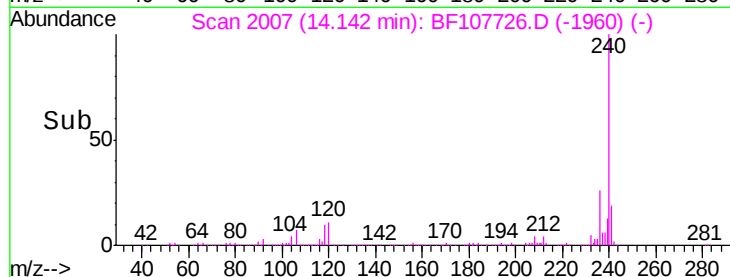
236 26.4 20.7 31.1



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: 0.134 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107726.D

Acq: 27 Jul 2018 4:36

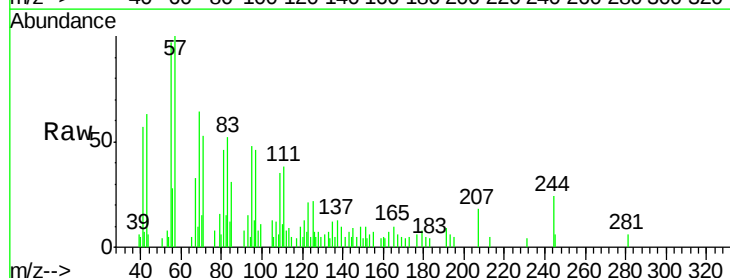
Tgt Ion:244 Resp: 2005

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

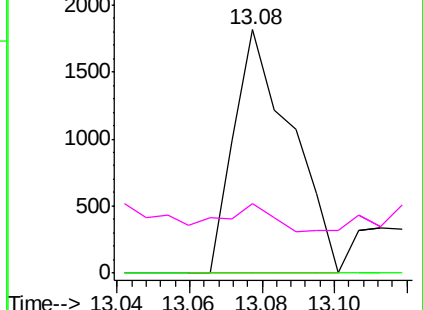
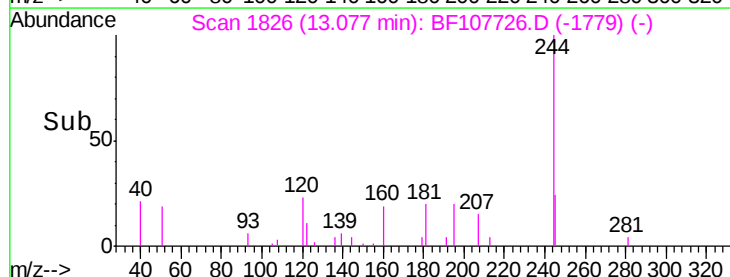
122 28.3 11.0 16.4#

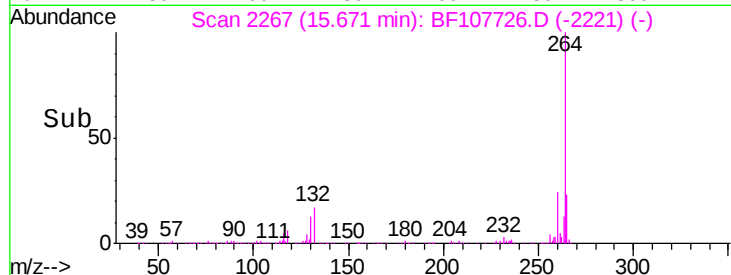
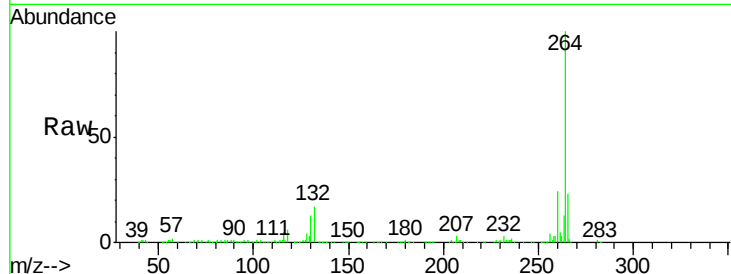
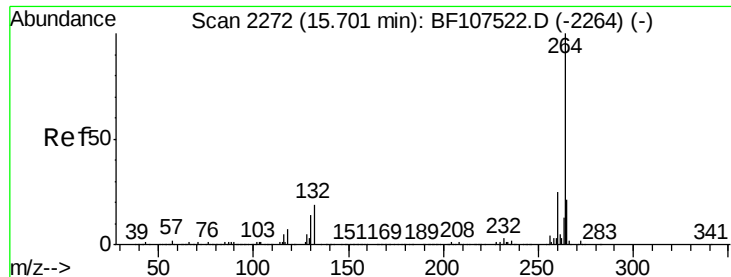


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.03 min
 Lab File: BF107726.D
 Acq: 27 Jul 2018 4:36

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 264 Resp: 396462
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.8 17.5 26.3

