

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107101.D
 Acq On : 4 Jul 2018 00:49
 Operator : JU/SJ
 Sample : J3812-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:12:15 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	6.95	152	54621	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	186634	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	80200	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	165533	20.00	ng	0.00
75) Chrysene-d12	14.15	240	135376	20.00	ng	-0.02
86) Perylene-d12	15.69	264	98028	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	279166	86.54	ng	0.00
7) Phenol-d6	6.60	99	334894	83.14	ng	-0.01
23) Nitrobenzene-d5	7.52	82	193802	57.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	89322	96.09	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	374411	77.76	ng	-0.01
78) Terphenyl-d14	13.08	244	463318	82.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	24804	9.341	ng	# 73
25) Isophorone	7.52	82	193798	32.748	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	10153	7.971	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	10153	6.107	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	5248	2.656	ng	# 1

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

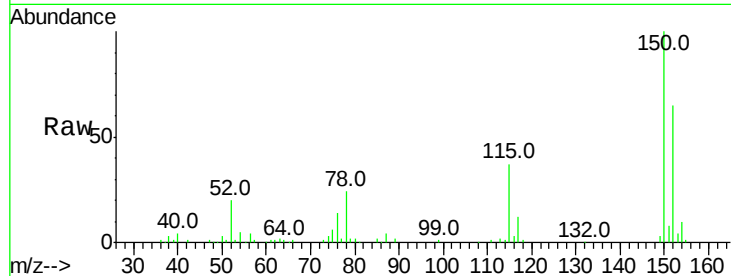


#1

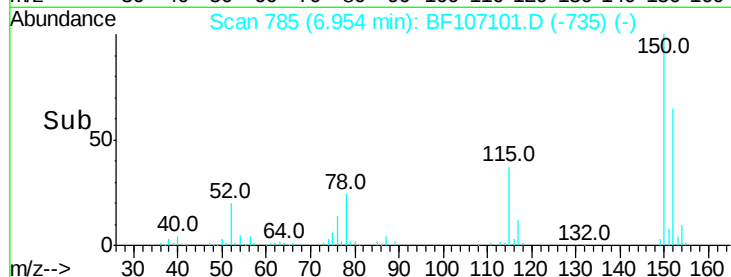
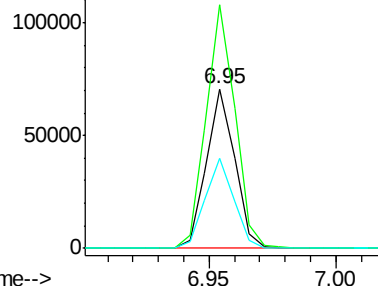
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54621
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 56.9 50.1 75.1



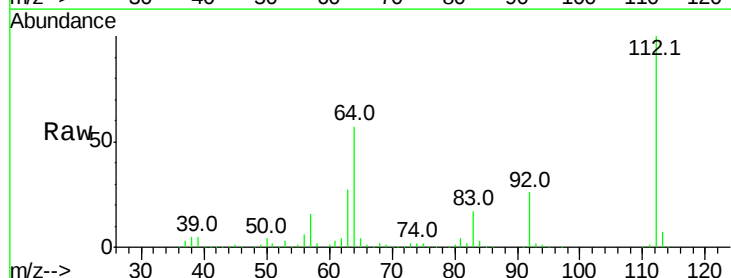
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



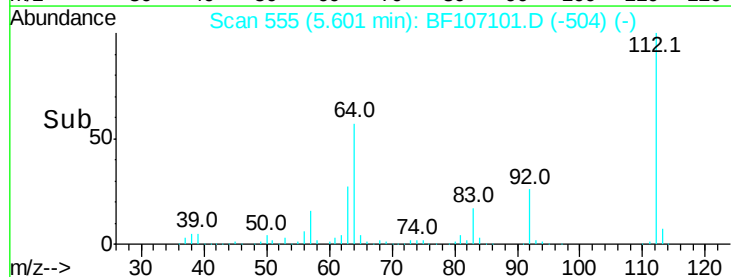
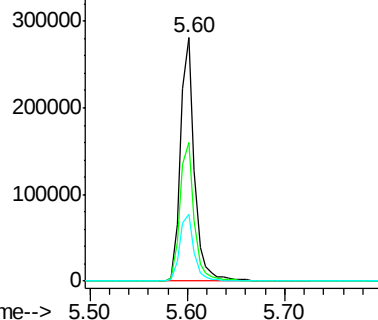
#5

2-Fluorophenol
Concen: 86.545 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Tgt Ion:112 Resp: 279166
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 27.5 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: 83.136 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

Instrument :

BNA_F

ClientSampleId :

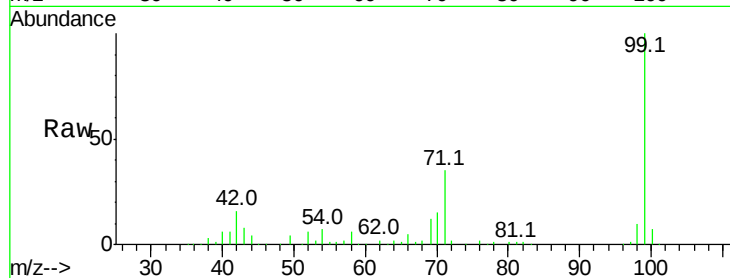
Tot Ion: 99 Resp: 334894

Ion Ratio Lower Upper

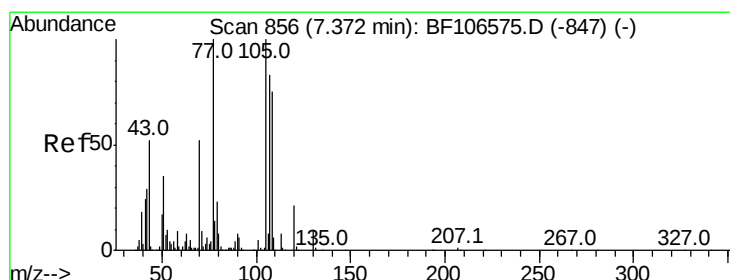
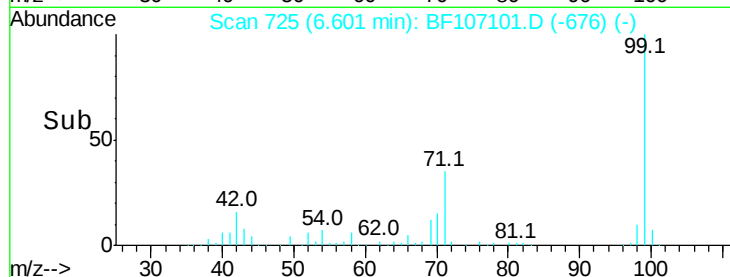
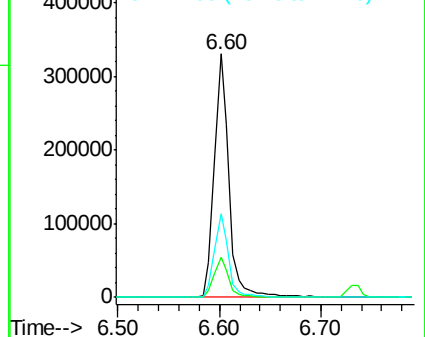
99 100

42 16.4 14.5 21.7

71 34.6 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: 9.341 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

Tgt Ion: 70 Resp: 24804

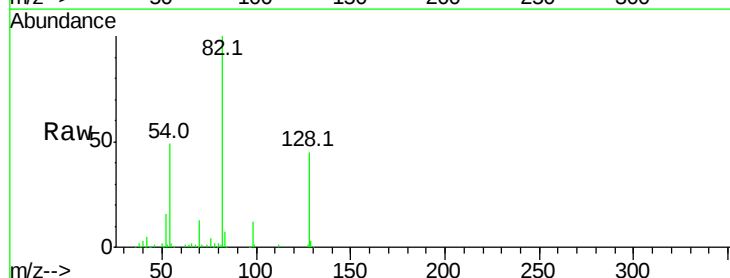
Ion Ratio Lower Upper

70 100

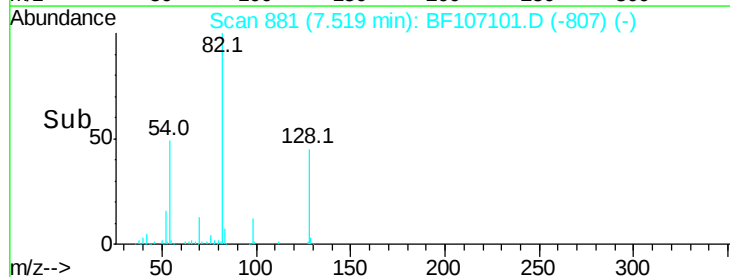
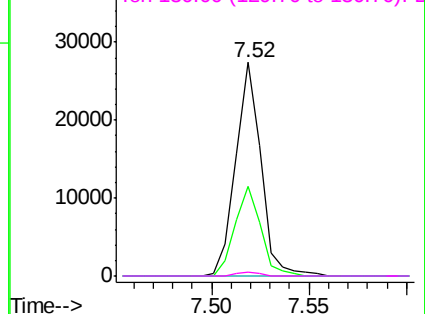
42 42.0 47.5 71.3#

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

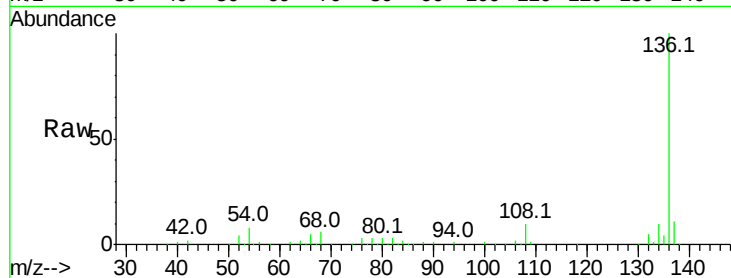




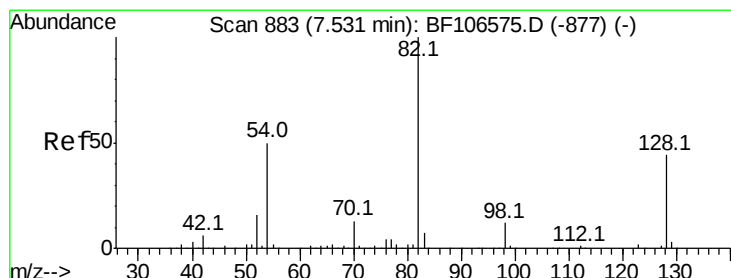
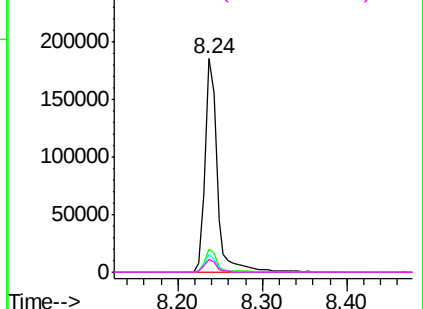
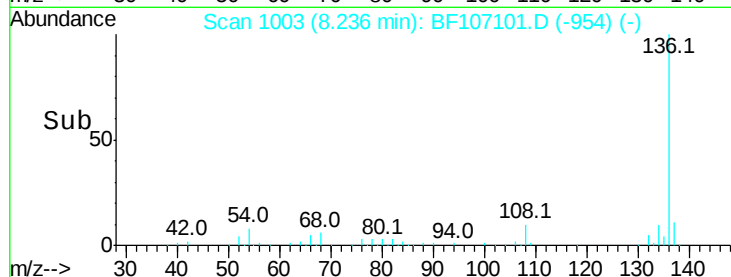
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	186634
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	6.6	9.8
68	6.3	5.0	7.4

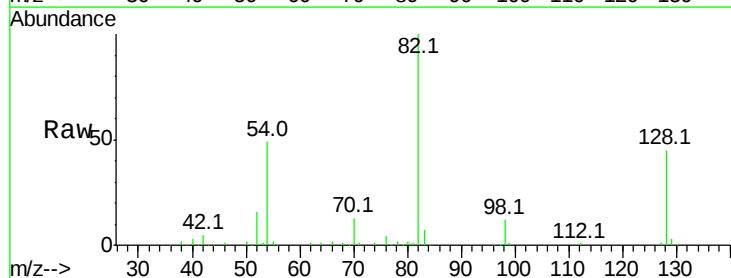


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

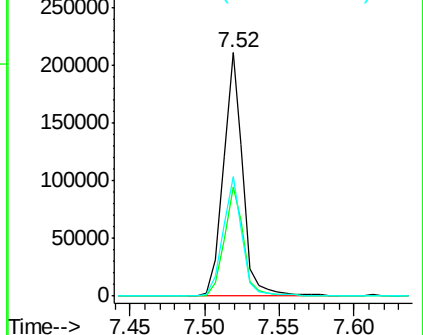
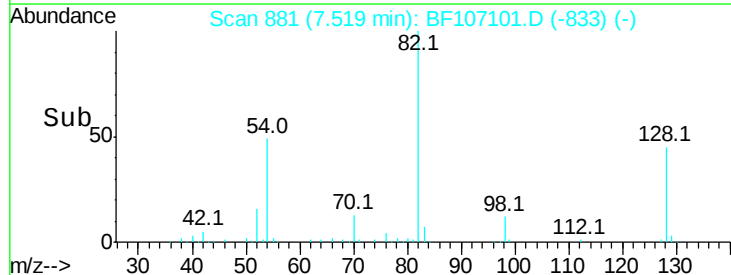


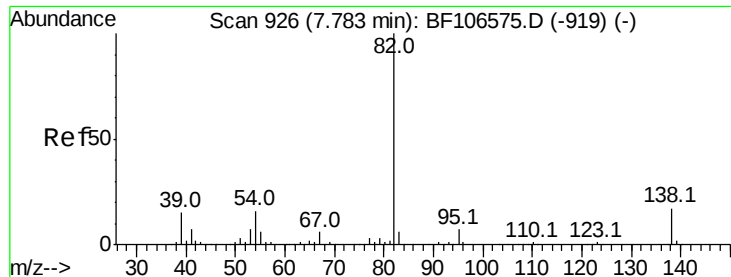
#23
Nitrobenzene-d5
Concen: 57.708 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Tgt Ion:	82	Resp:	193802
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	48.9	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: 32.748 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

Instrument :

BNA_F

ClientSampleId :

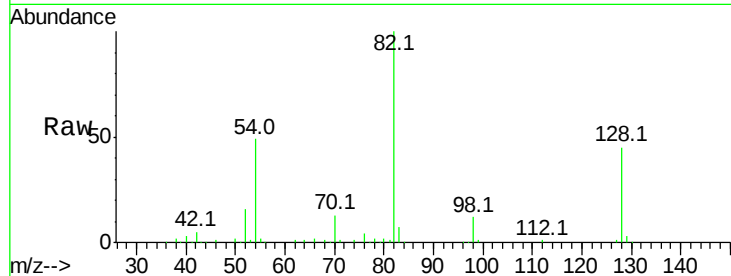
Tot Ion: 82 Resp: 193798

Ion Ratio Lower Upper

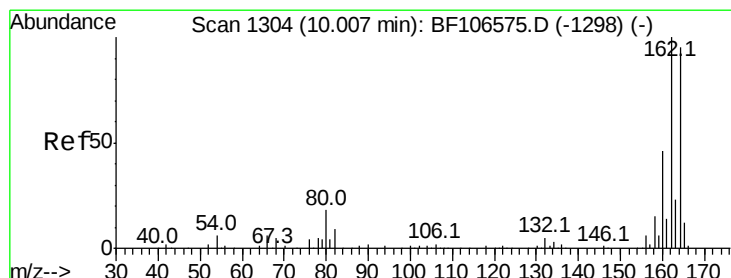
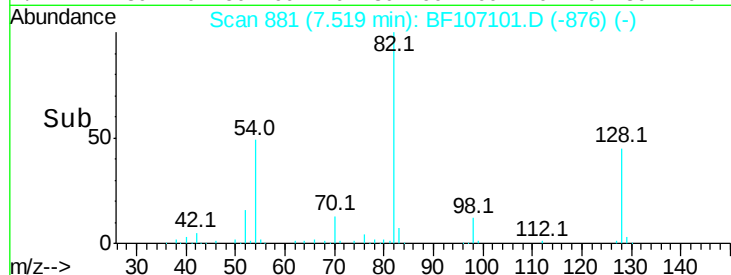
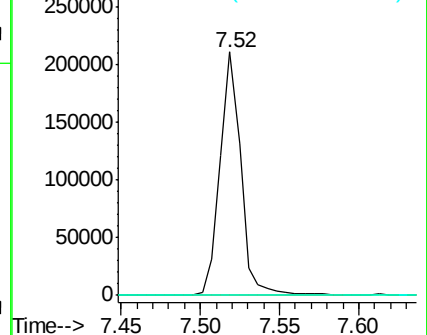
82 100

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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

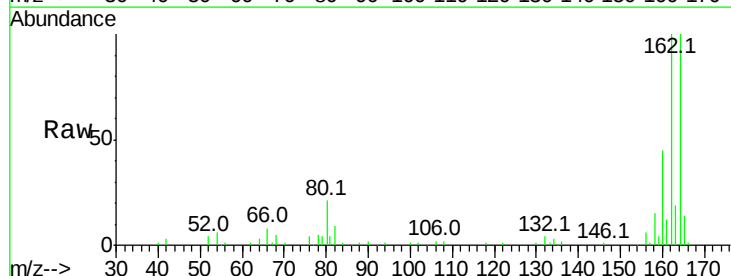
Tgt Ion:164 Resp: 80200

Ion Ratio Lower Upper

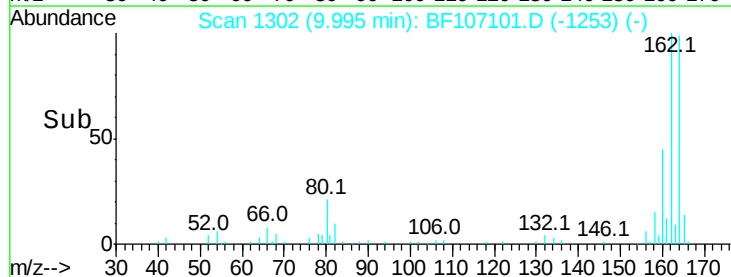
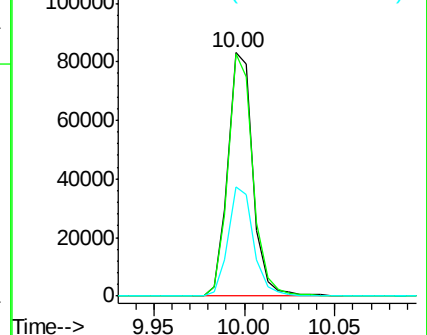
164 100

162 99.6 86.1 129.1

160 45.0 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

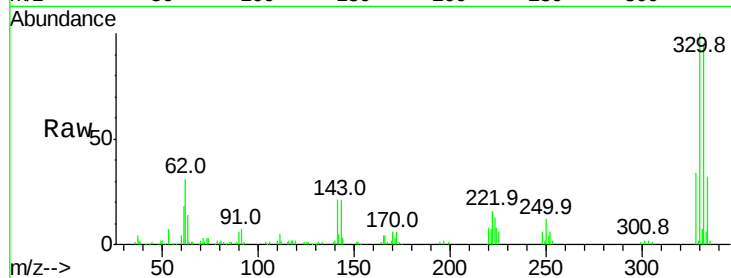




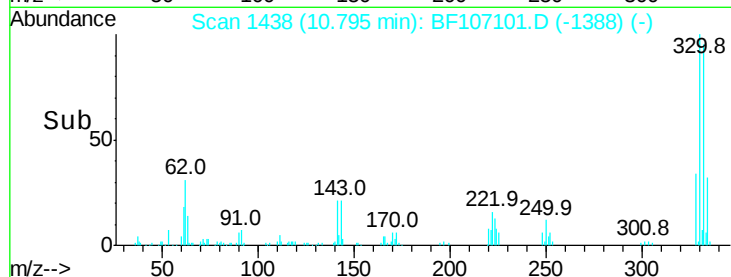
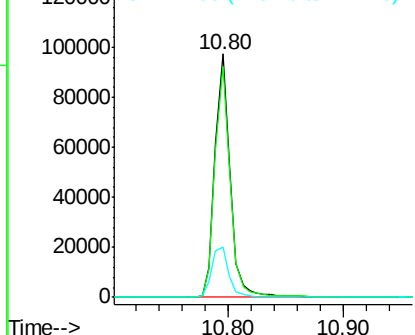
#41
 2,4,6-Tribromophenol
 Concen: 96.093 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 89322
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 23.1 29.9 44.9#

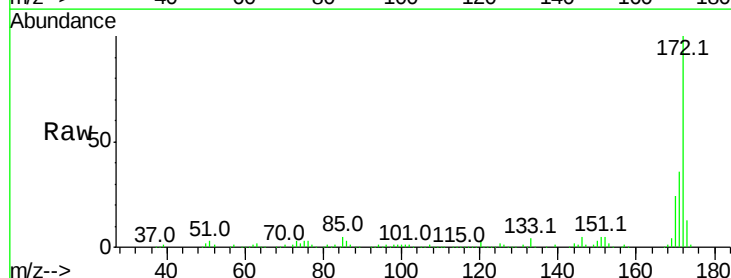


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

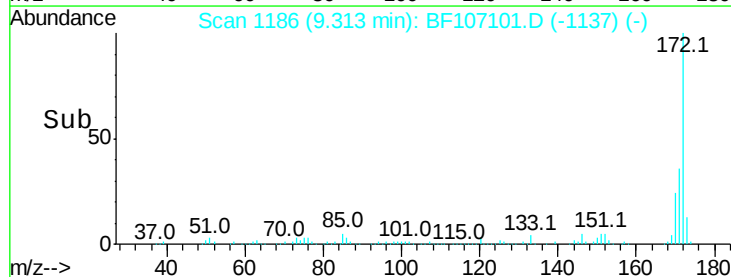
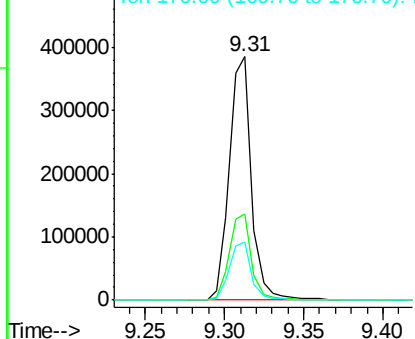


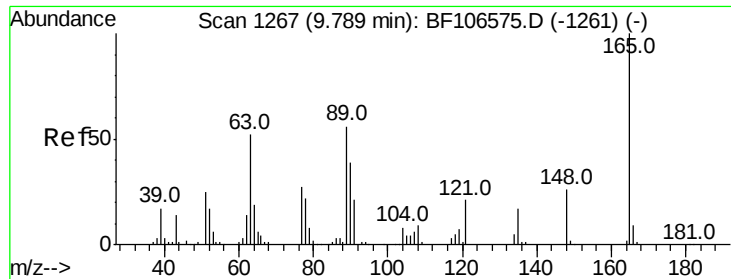
#44
 2-Fluorobiphenyl
 Concen: 77.764 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

Tgt Ion:172 Resp: 374411
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 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

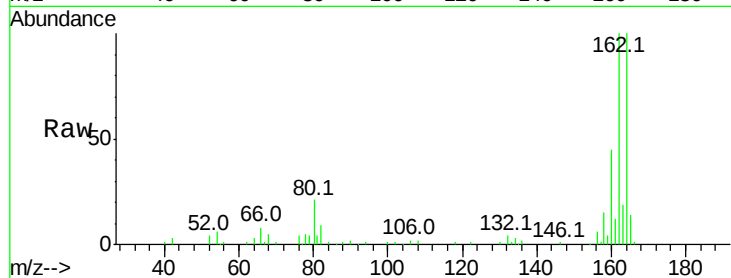




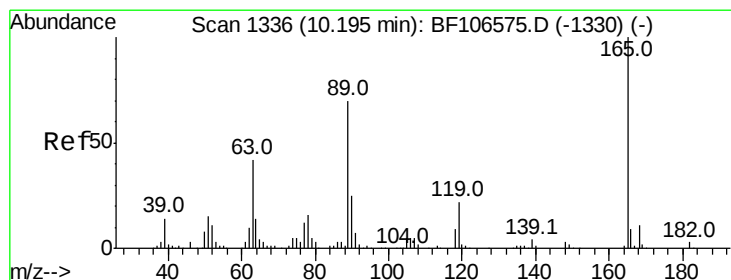
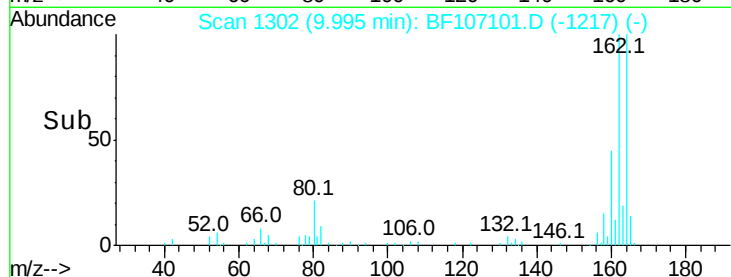
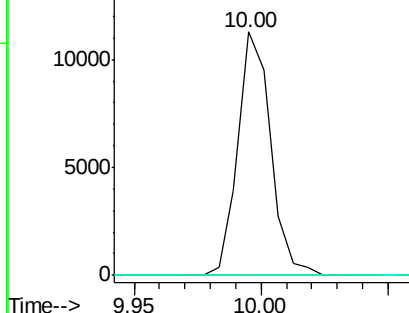
#50
 2,6-Dinitrotoluene
 Concen: 7.971 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 10153
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



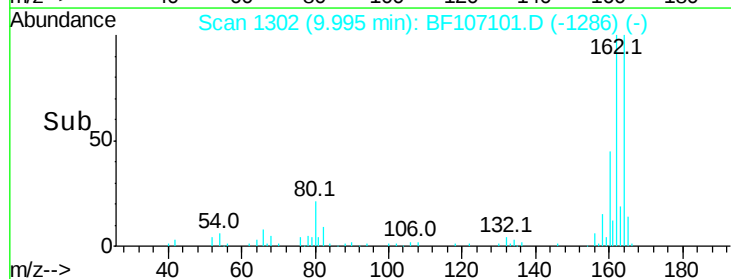
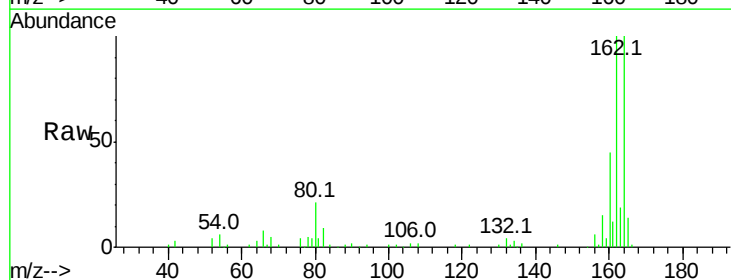
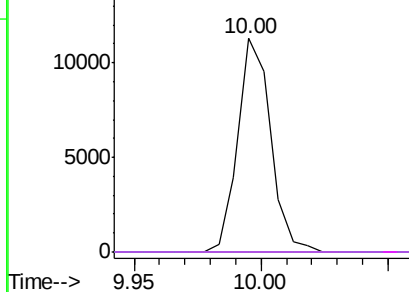
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.107 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

Tgt Ion:165 Resp: 10153
 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

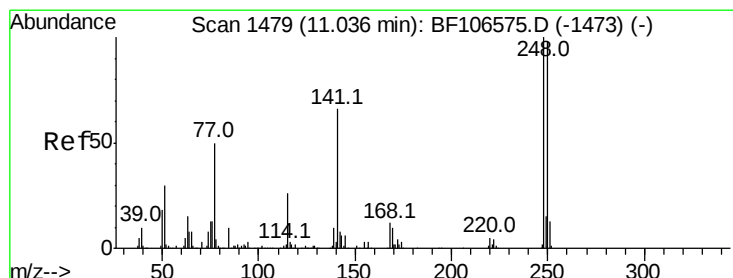
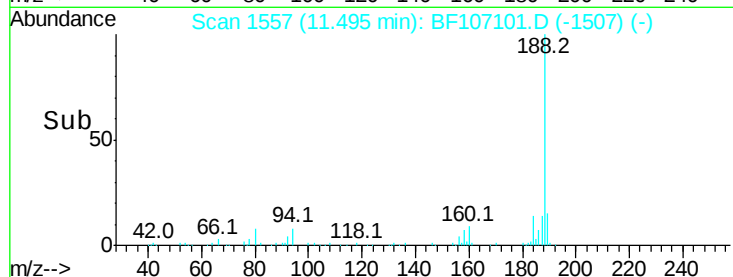
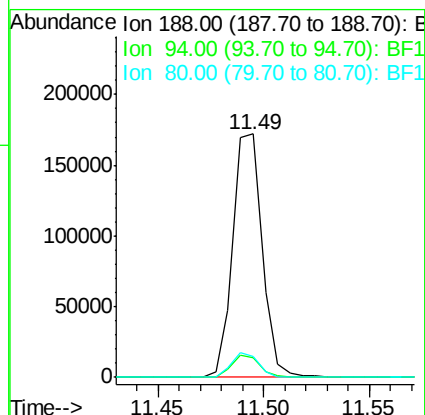
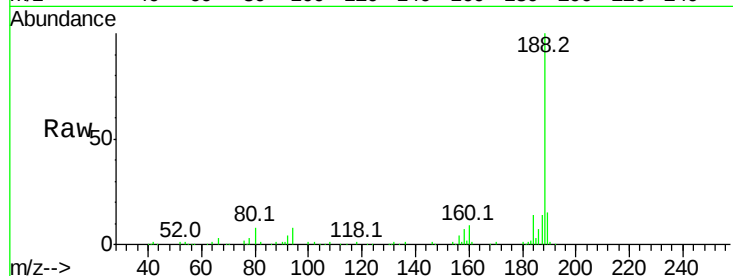




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

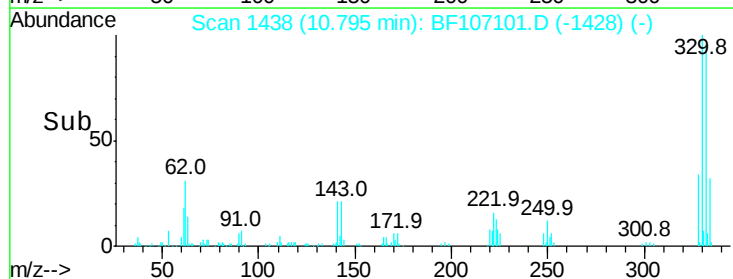
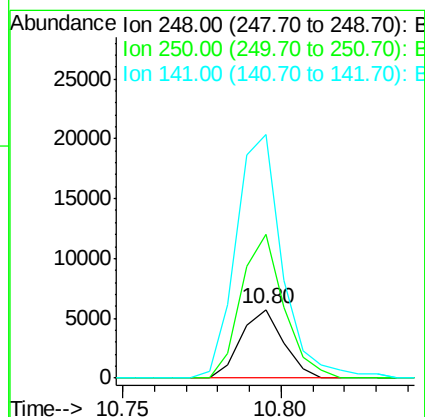
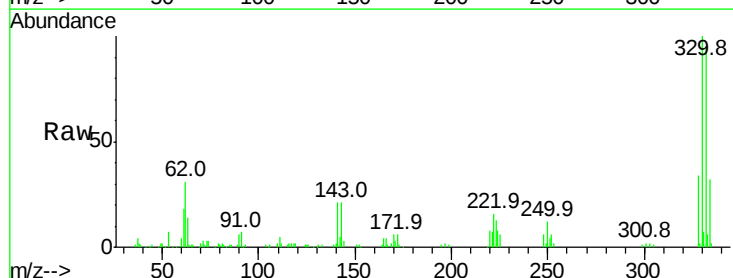
Instrument :
BNA_F
ClientSampleId :

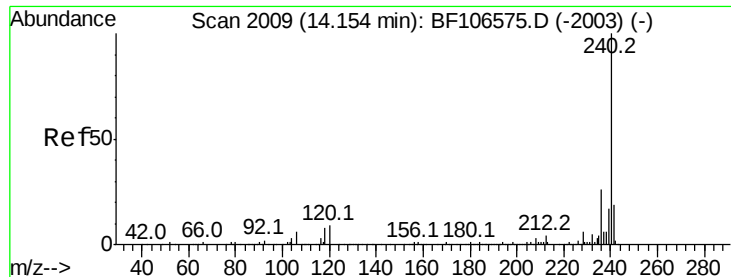
Tot Ion:188 Resp: 165533
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.5 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.656 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Tgt Ion:248 Resp: 5248
Ion Ratio Lower Upper
248 100
250 209.3 76.9 115.3#
141 354.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

Instrument :

BNA_F

ClientSampleId :

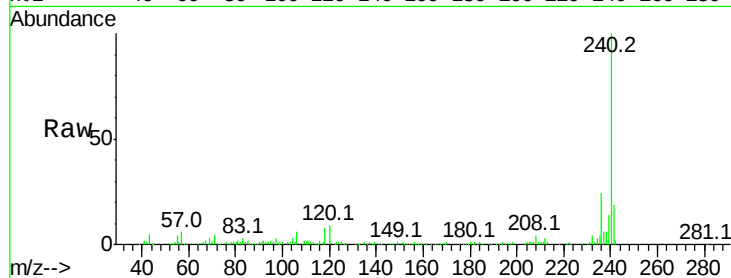
Tot Ion:240 Resp: 135376

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

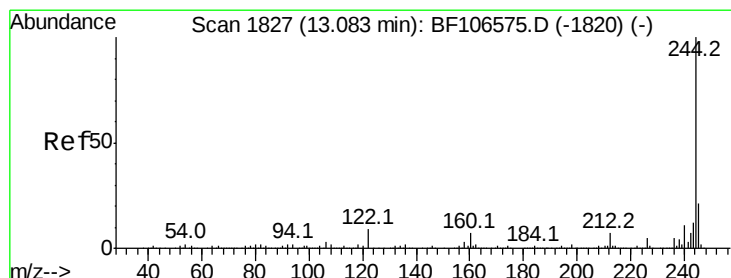
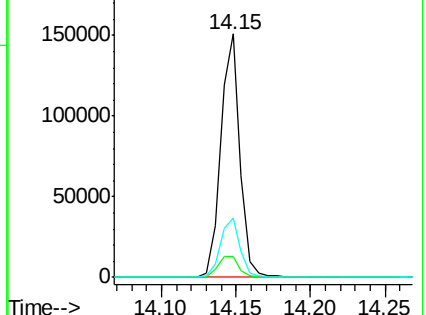
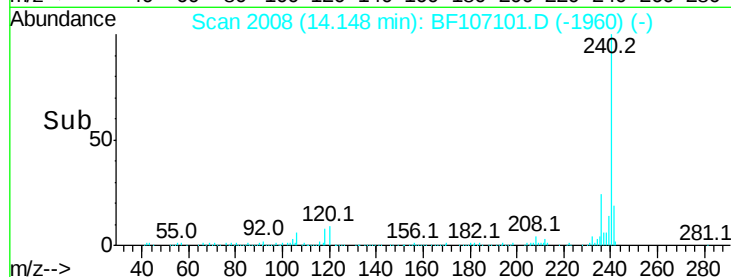
236 24.4 20.7 31.1



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: 82.902 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

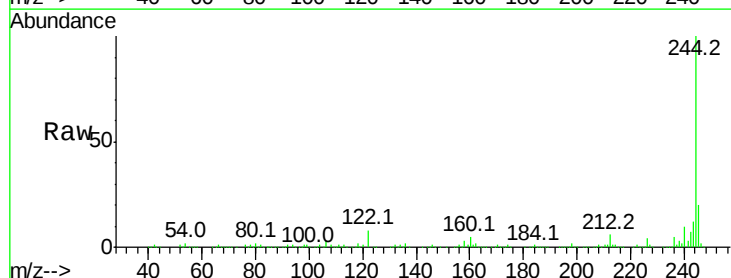
Tgt Ion:244 Resp: 463318

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

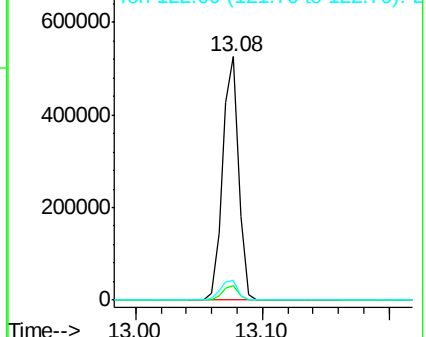
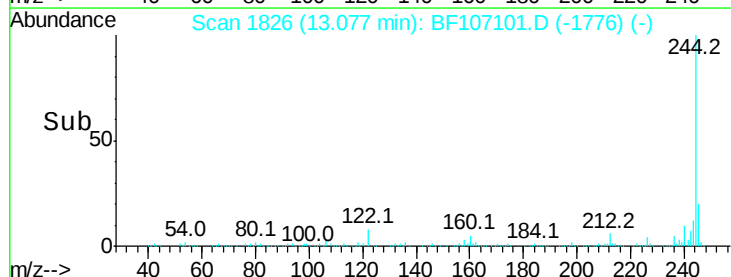
122 8.3 11.0 16.4#

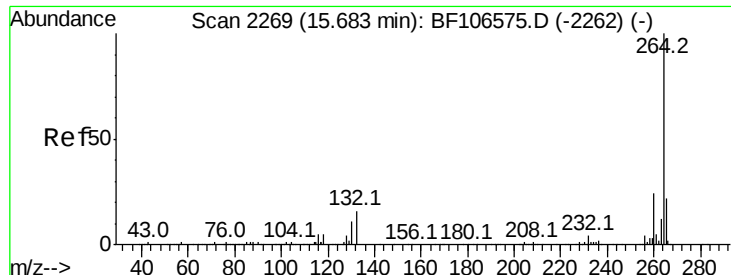


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

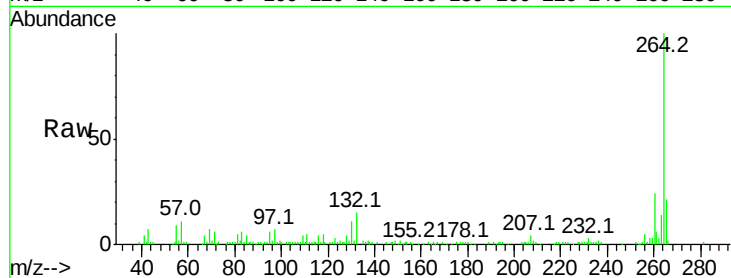




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	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

