

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107098.D
 Acq On : 3 Jul 2018 23:28
 Operator : JU/SJ
 Sample : J3812-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 00:35:15 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

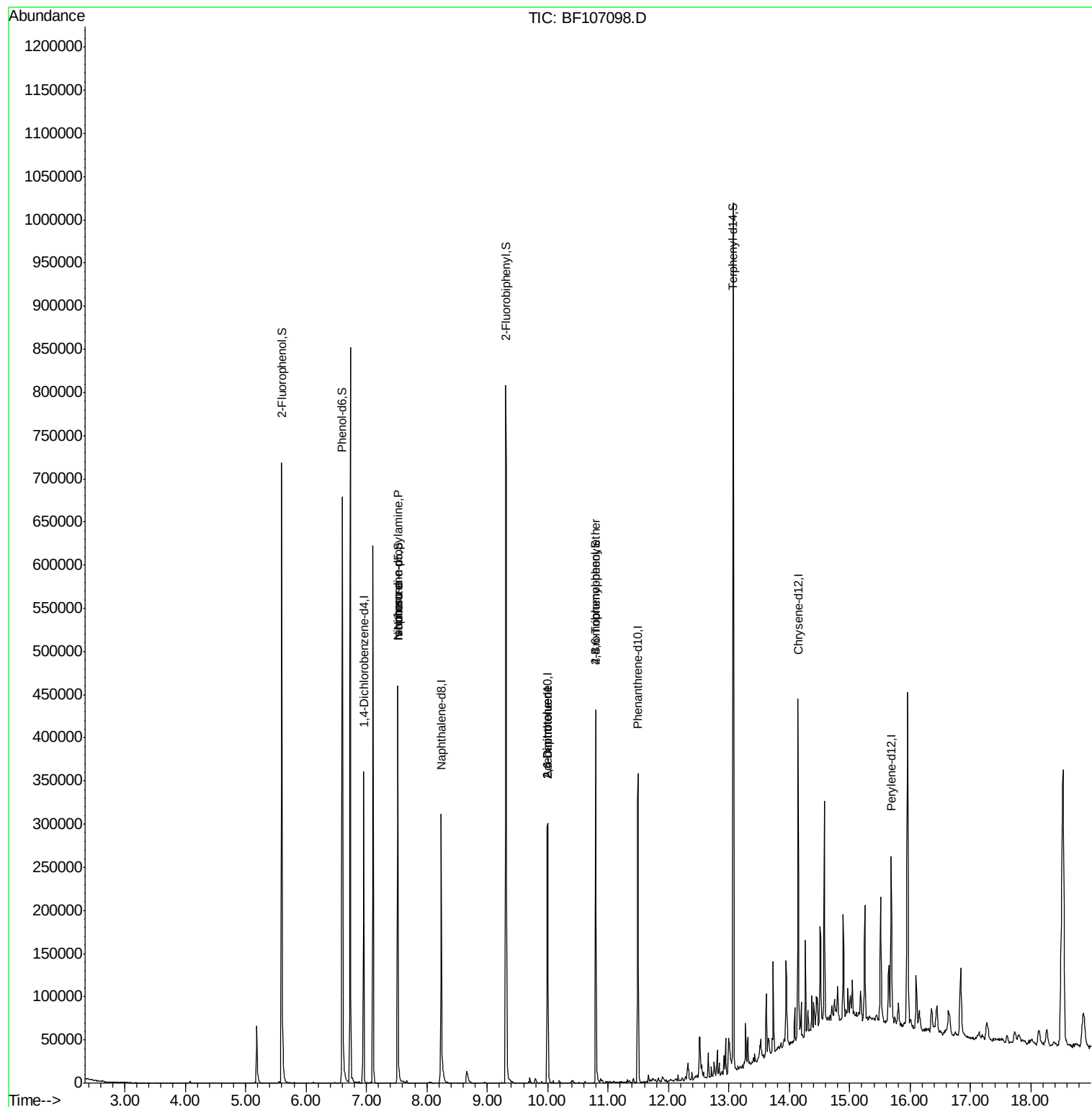
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	48078	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	167808	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	73658	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	151875	20.00	ng	0.00
75) Chrysene-d12	14.15	240	139716	20.00	ng	-0.02
86) Perylene-d12	15.69	264	100575	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	219846	77.43	ng	0.00
7) Phenol-d6	6.60	99	261983	73.89	ng	-0.01
23) Nitrobenzene-d5	7.52	82	149145	49.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	67510	79.08	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	298882	65.26	ng	-0.02
78) Terphenyl-d14	13.07	244	384605	66.68	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	19084	8.165	ng	# 71
25) Isophorone	7.52	82	149143	28.030	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	9184	7.851	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	9184	6.015	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4106	2.265	ng	# 1

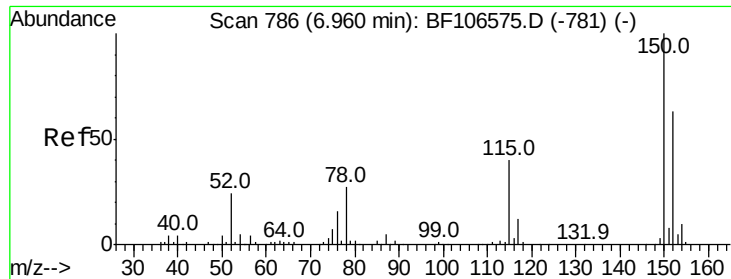
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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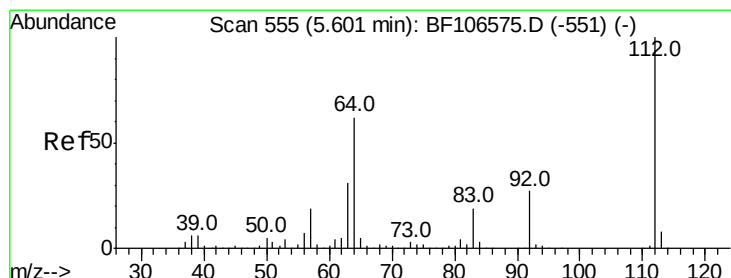
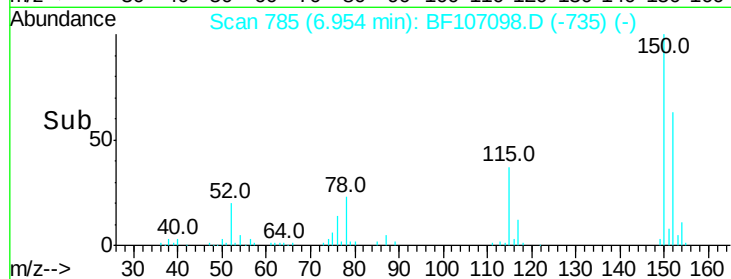
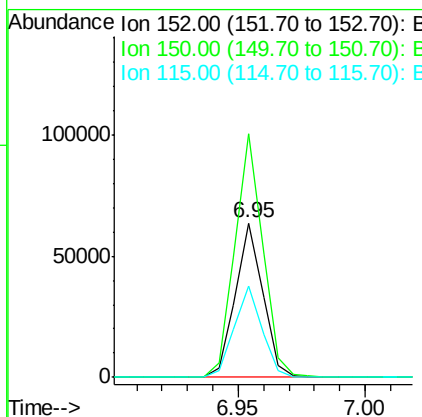
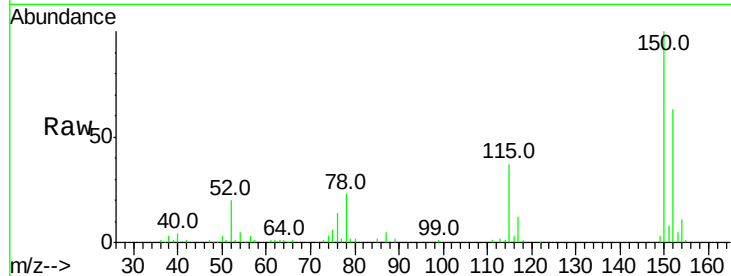


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :

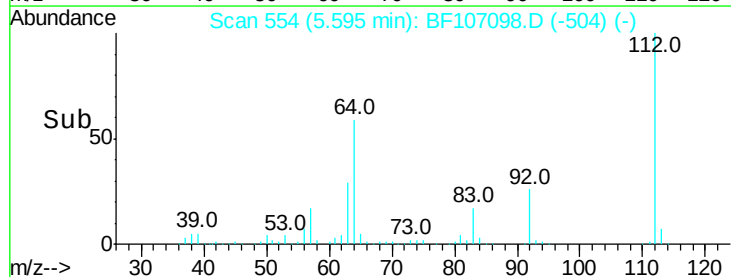
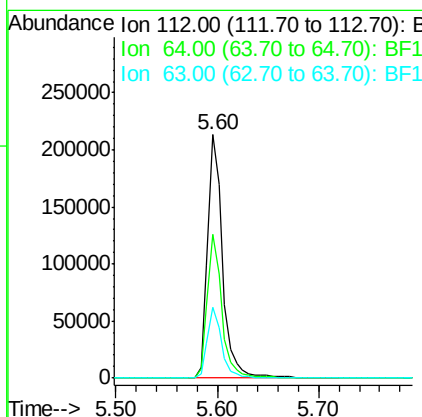
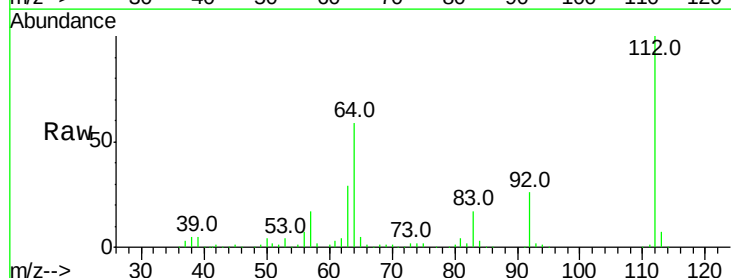
Tot Ion:152 Resp: 48078
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 58.8 50.1 75.1

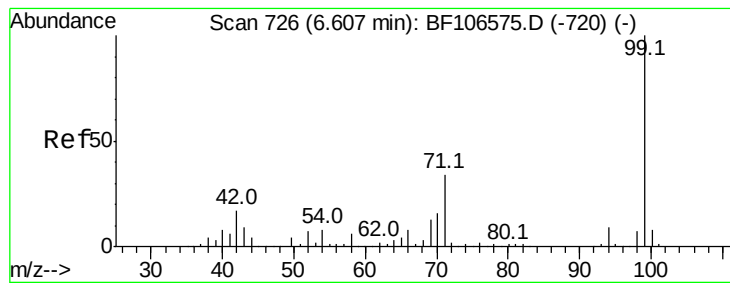


#5

2-Fluorophenol
 Concen: 77.430 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Tgt Ion:112 Resp: 219846
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 73.887 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

Instrument :

BNA_F

ClientSampleId :

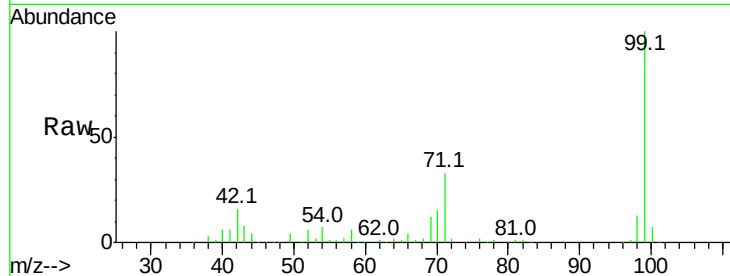
Tot Ion: 99 Resp: 261983

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

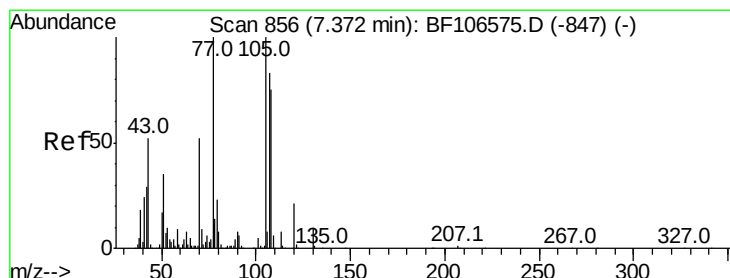
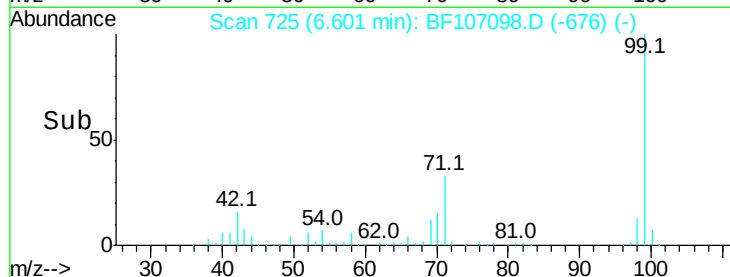
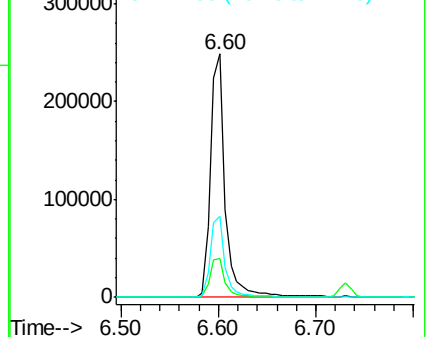
71 33.1 25.4 38.0



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: 8.165 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

Tgt Ion: 70 Resp: 19084

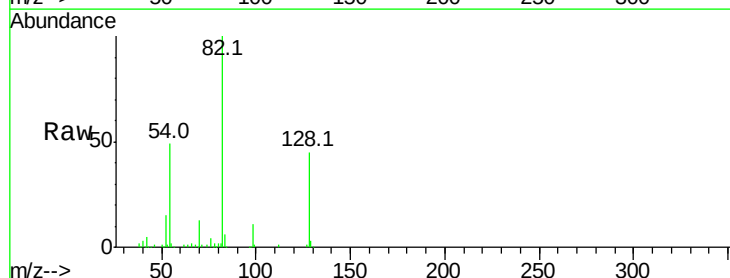
Ion Ratio Lower Upper

70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

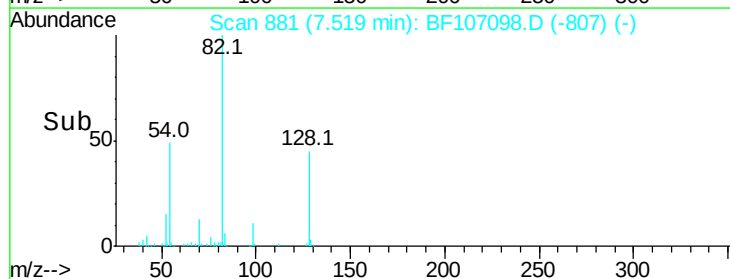
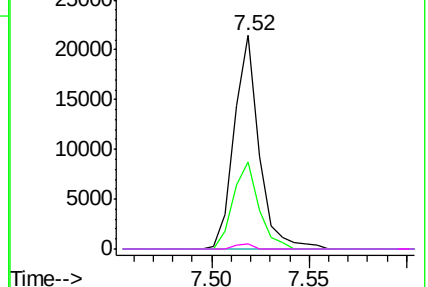


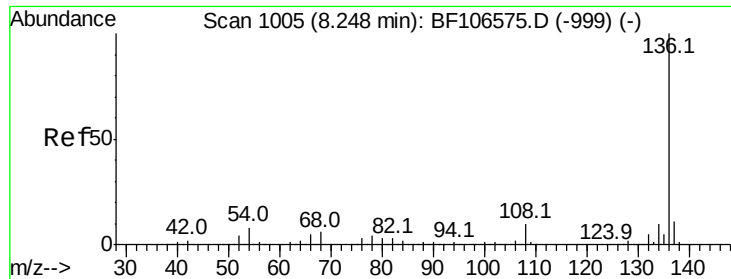
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

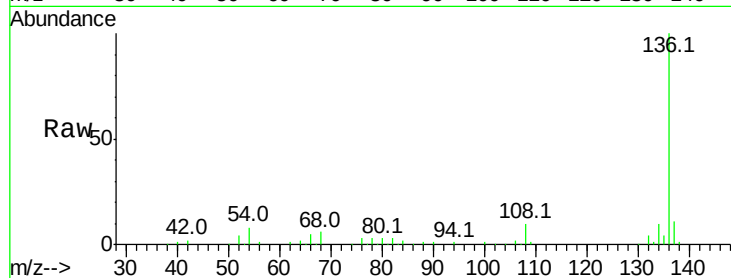




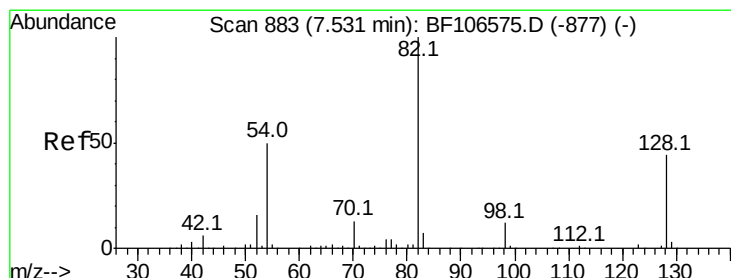
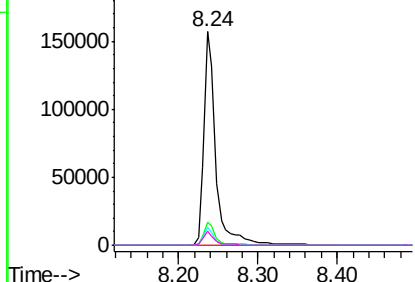
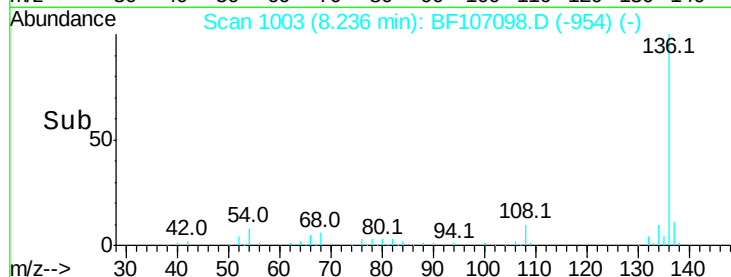
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107098.D
Acq: 3 Jul 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	167808
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	6.5	5.0	7.4

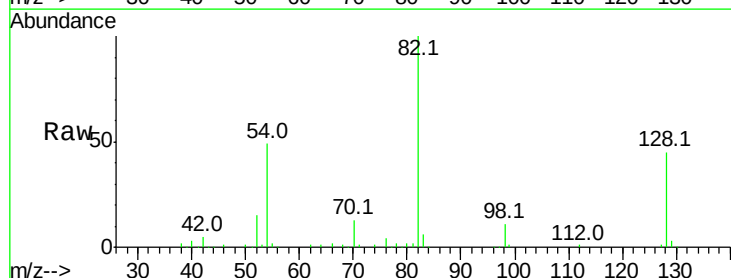


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

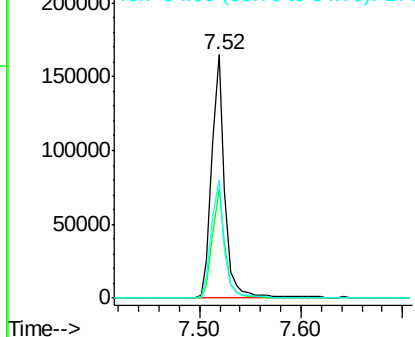
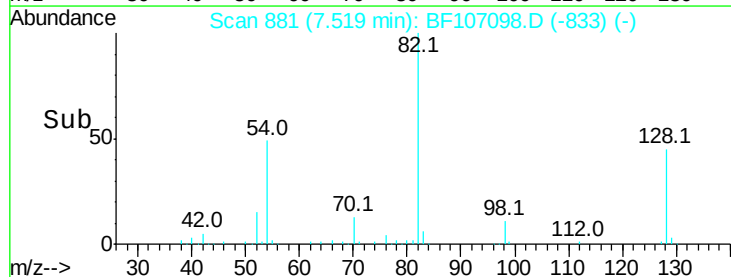


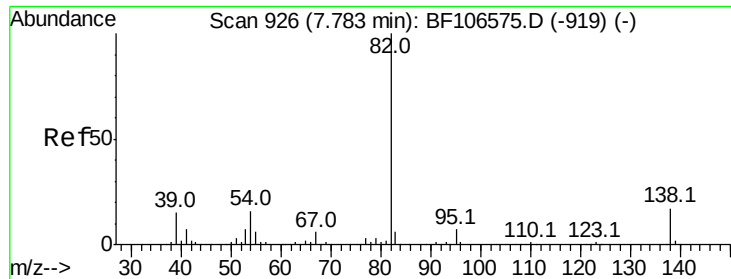
#23
Nitrobenzene-d5
Concen: 49.393 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107098.D
Acq: 3 Jul 2018 23:28

Tgt Ion:	82	Resp:	149145
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.5	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: 28.030 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

Instrument :

BNA_F

ClientSampleId :

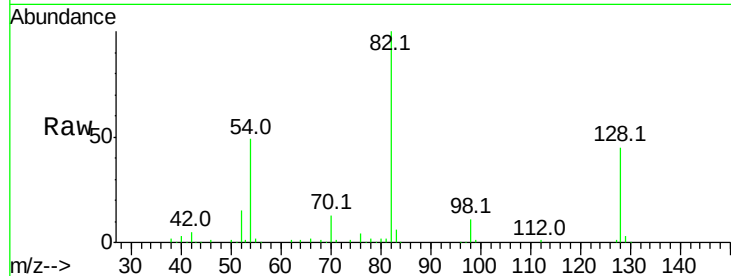
Tot Ion: 82 Resp: 149143

Ion Ratio Lower Upper

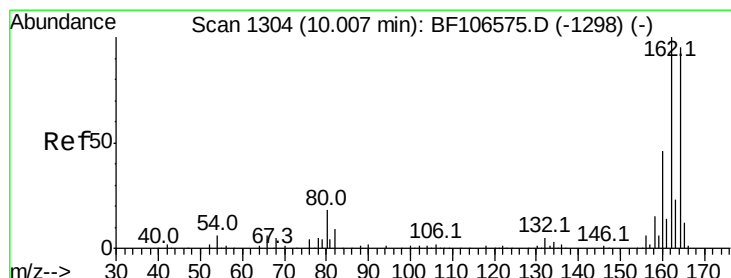
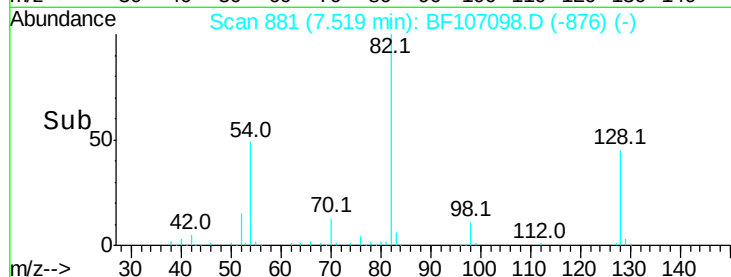
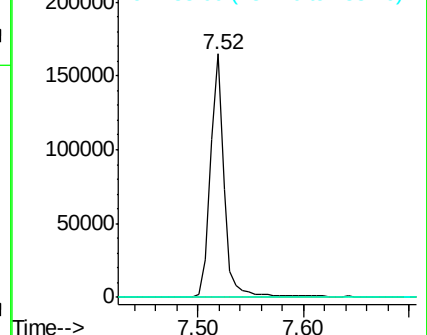
82 100

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: BF107098.D

Acq: 3 Jul 2018 23:28

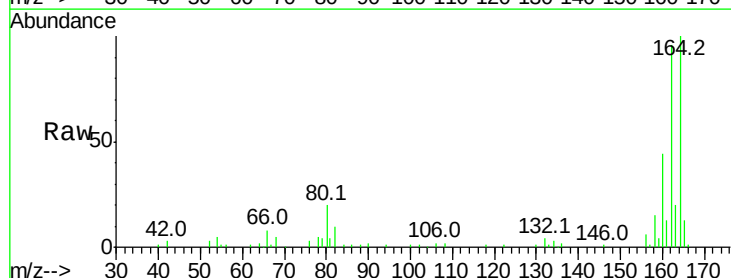
Tgt Ion:164 Resp: 73658

Ion Ratio Lower Upper

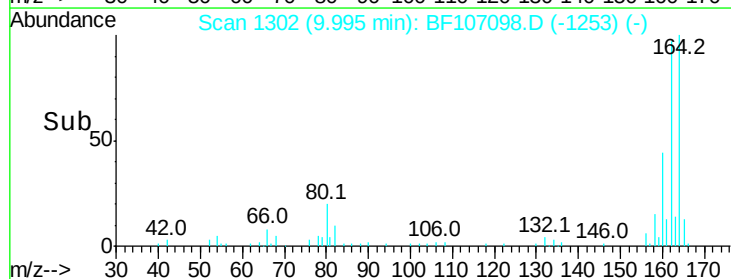
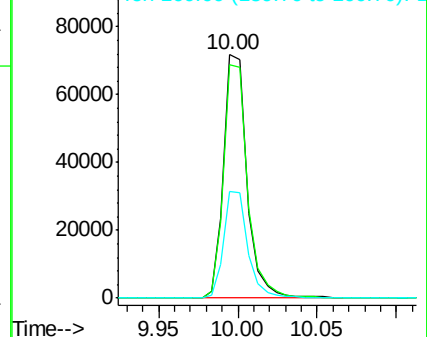
164 100

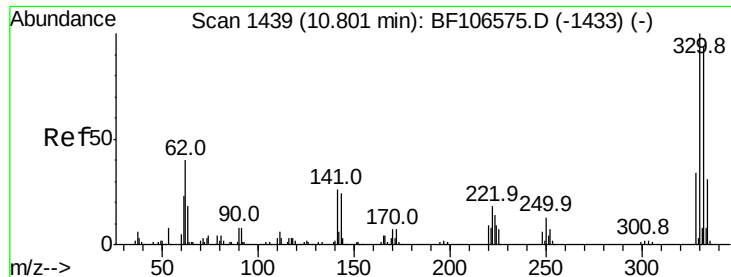
162 96.1 86.1 129.1

160 44.0 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: 79.078 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

Instrument :

BNA_F

ClientSampleId :

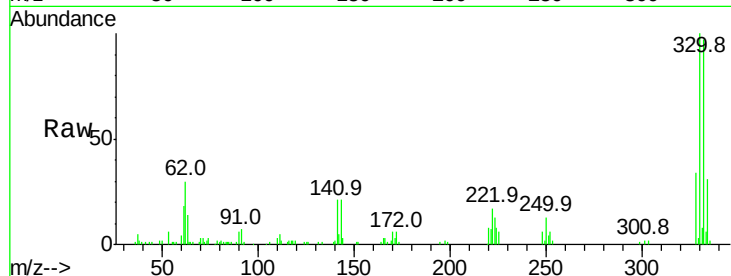
Tot Ion:330 Resp: 67510

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

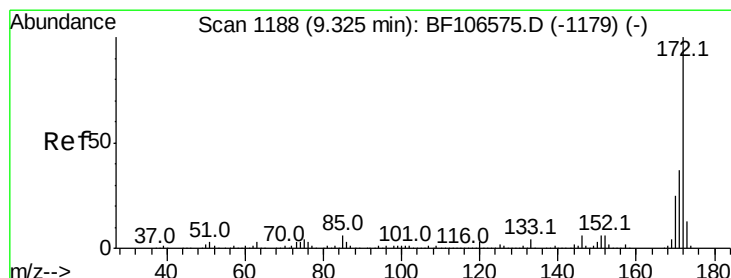
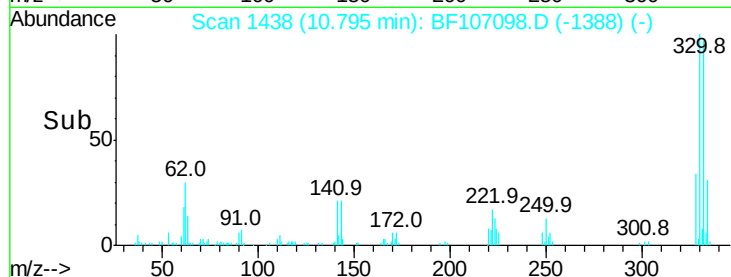
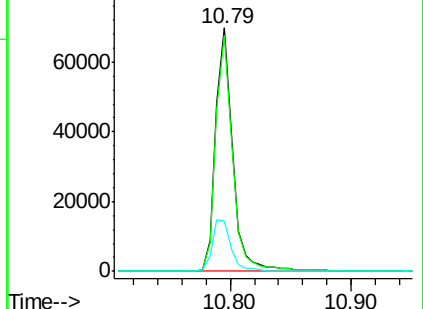
141 23.3 29.9 44.9#



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: 65.255 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

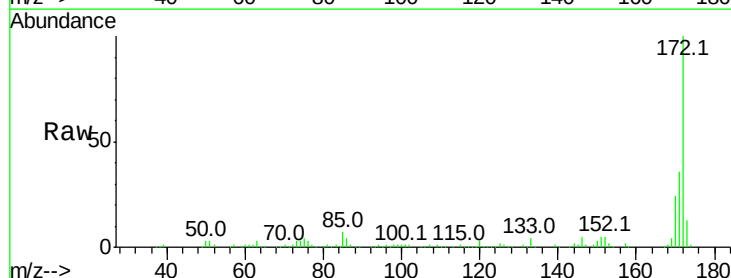
Tgt Ion:172 Resp: 298882

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

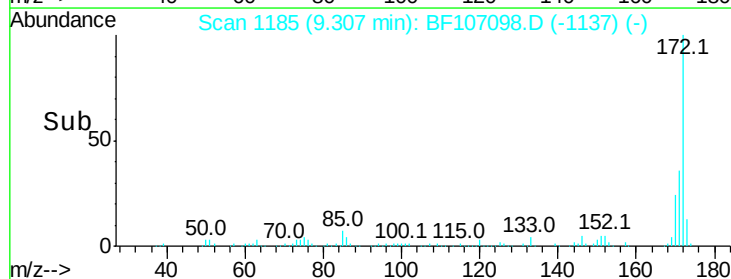
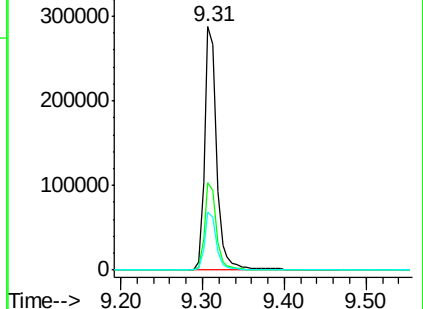
170 23.7 19.6 29.4

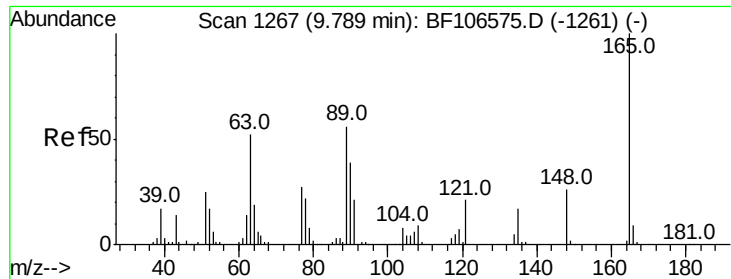


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

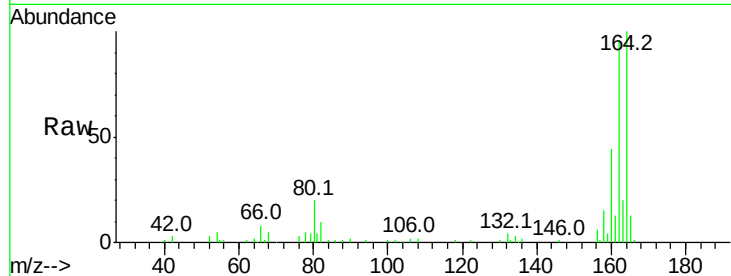




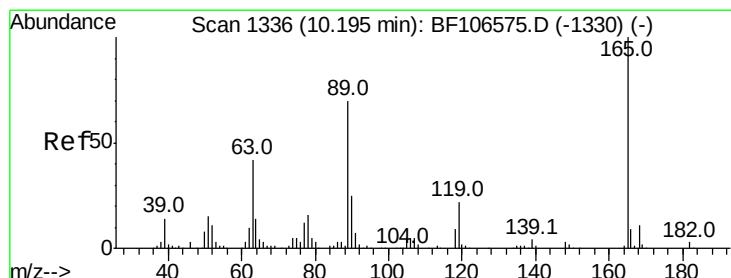
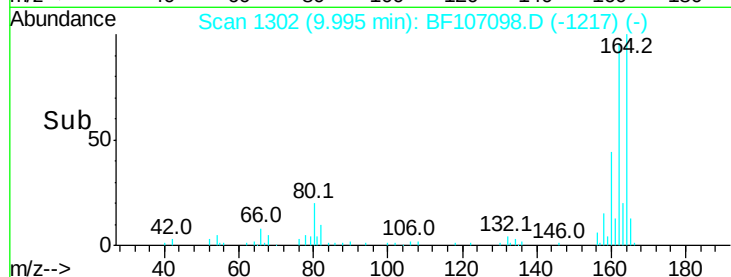
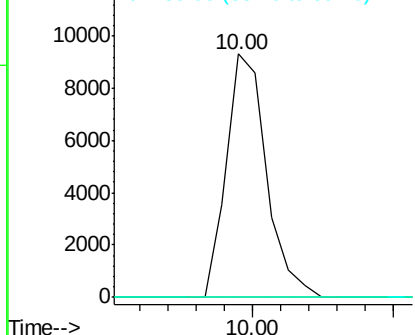
#50
 2,6-Dinitrotoluene
 Concen: 7.851 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 9184
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

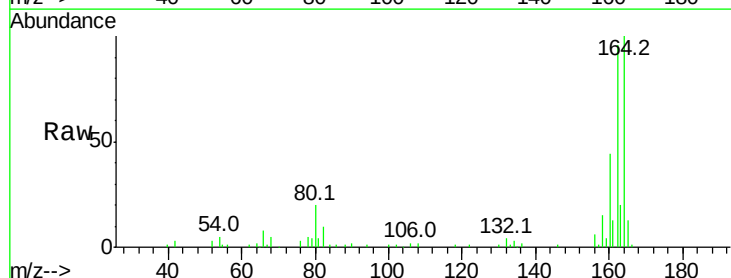


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

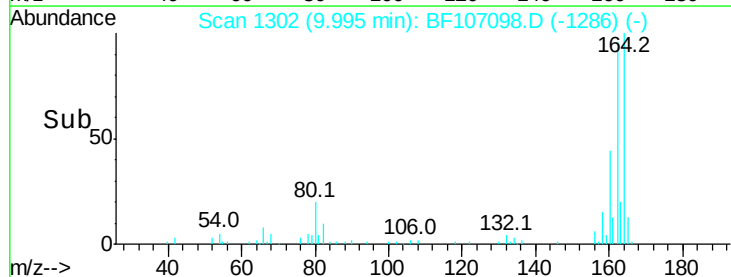
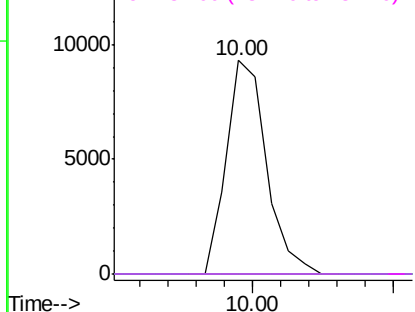


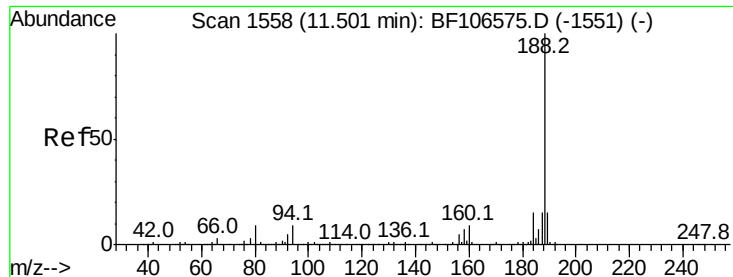
#56
 2,4-Dinitrotoluene
 Concen: 6.015 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Tgt Ion:165 Resp: 9184
 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

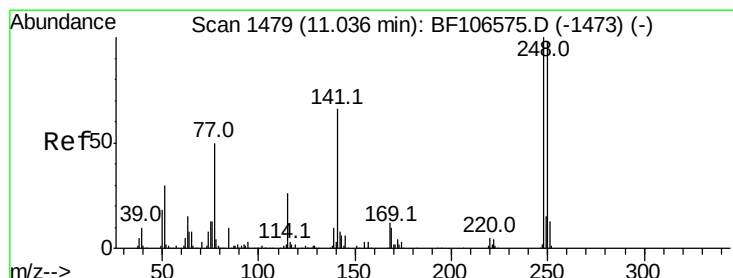
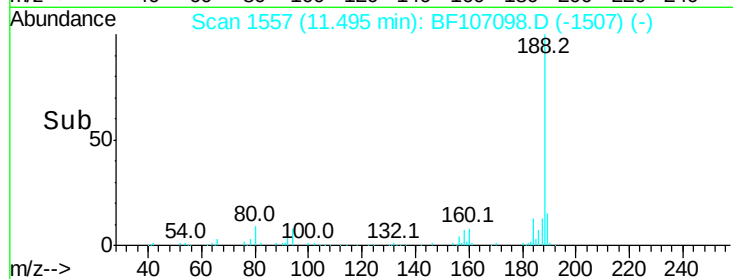
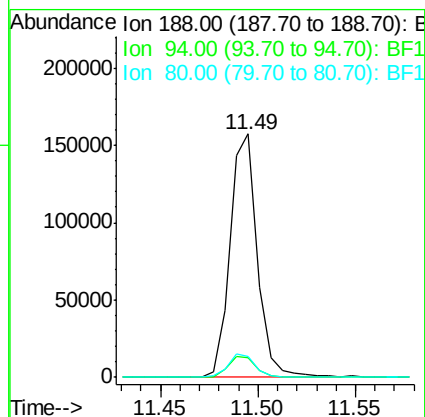
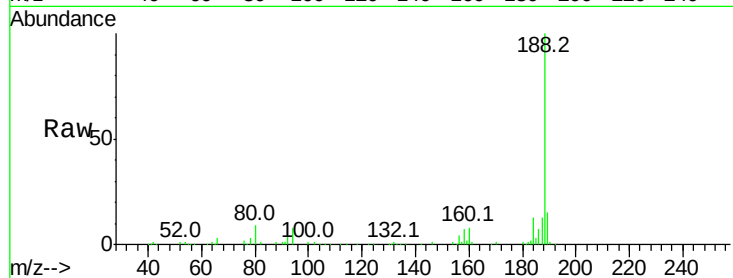




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107098.D
Acq: 3 Jul 2018 23:28

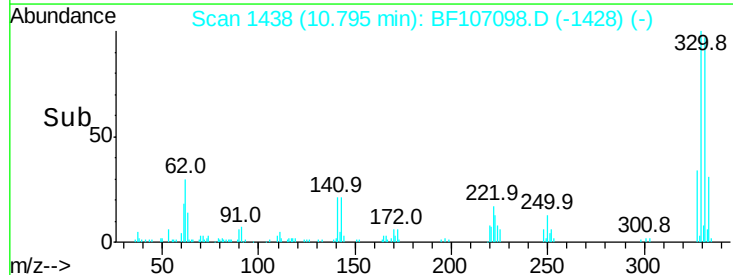
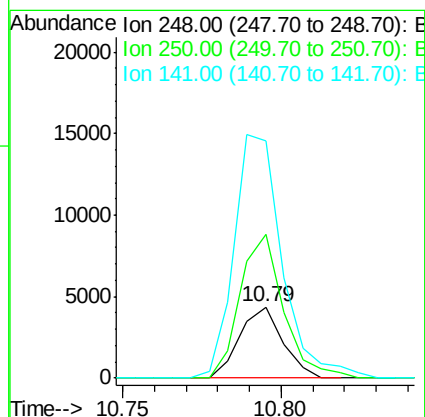
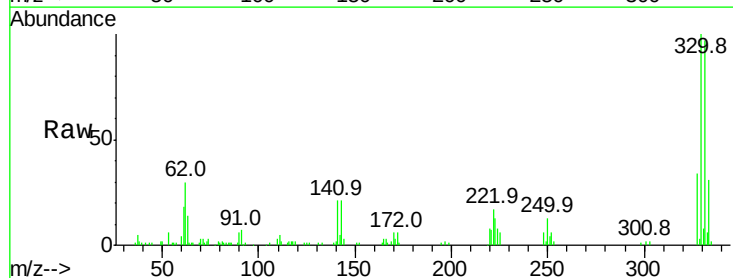
Instrument :
BNA_F
ClientSampleId :

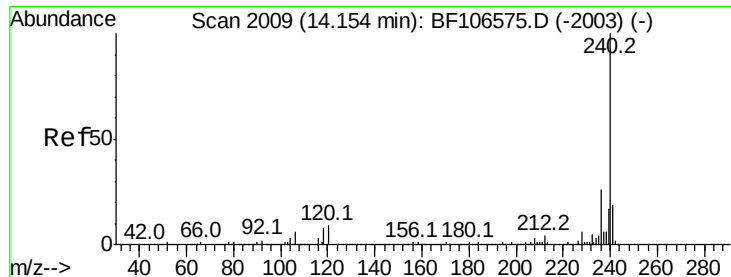
Tot Ion:188 Resp: 151875
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.7 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.265 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107098.D
Acq: 3 Jul 2018 23:28

Tgt Ion:248 Resp: 4106
Ion Ratio Lower Upper
248 100
250 202.1 76.9 115.3#
141 333.2 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: BF107098.D

Acq: 3 Jul 2018 23:28

Instrument :

BNA_F

ClientSampleId :

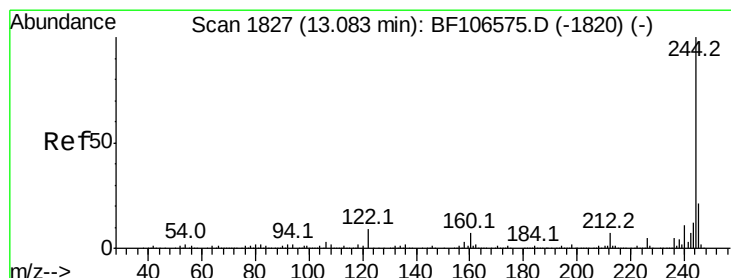
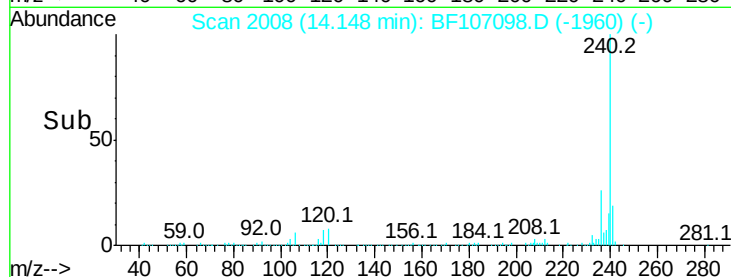
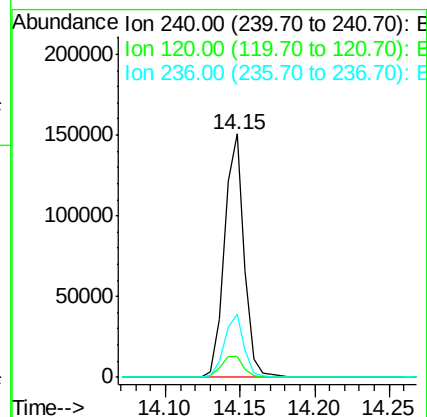
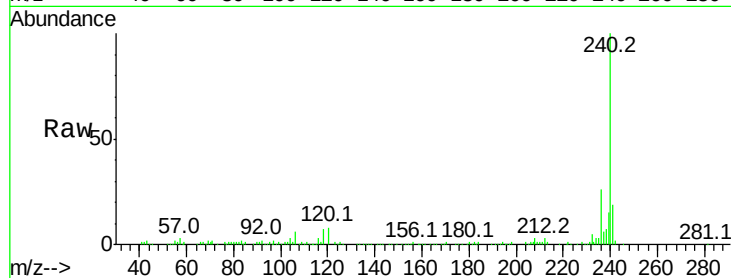
Tot Ion:240 Resp: 139716

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

236 25.8 20.7 31.1



#78

Terphenyl-d14

Concen: 66.680 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

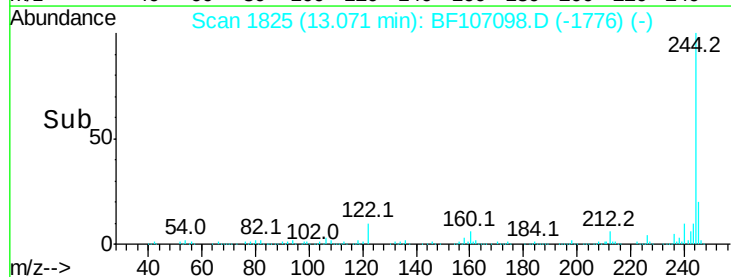
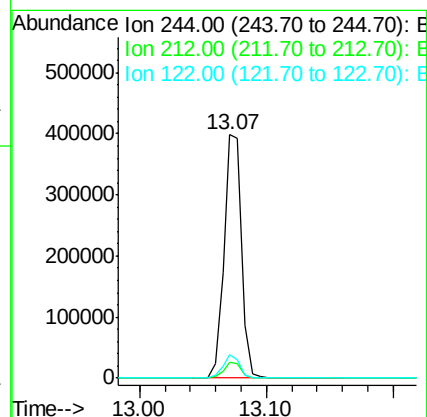
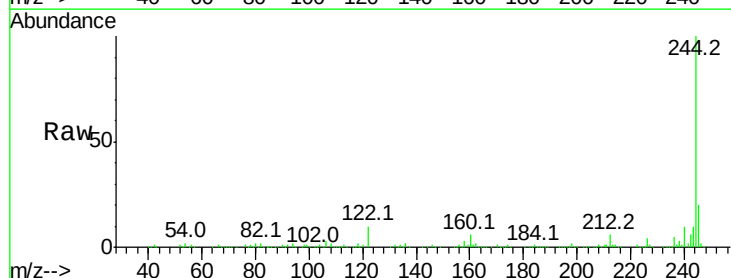
Tgt Ion:244 Resp: 384605

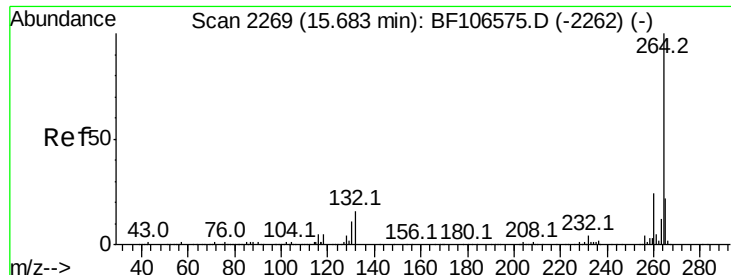
Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 9.6 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107098.D
Acq: 3 Jul 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.8	17.5	26.3

