

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104208.D
 Acq On : 4 Apr 2018 4:05
 Operator : JU/SJ
 Sample : J2182-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 05:13:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

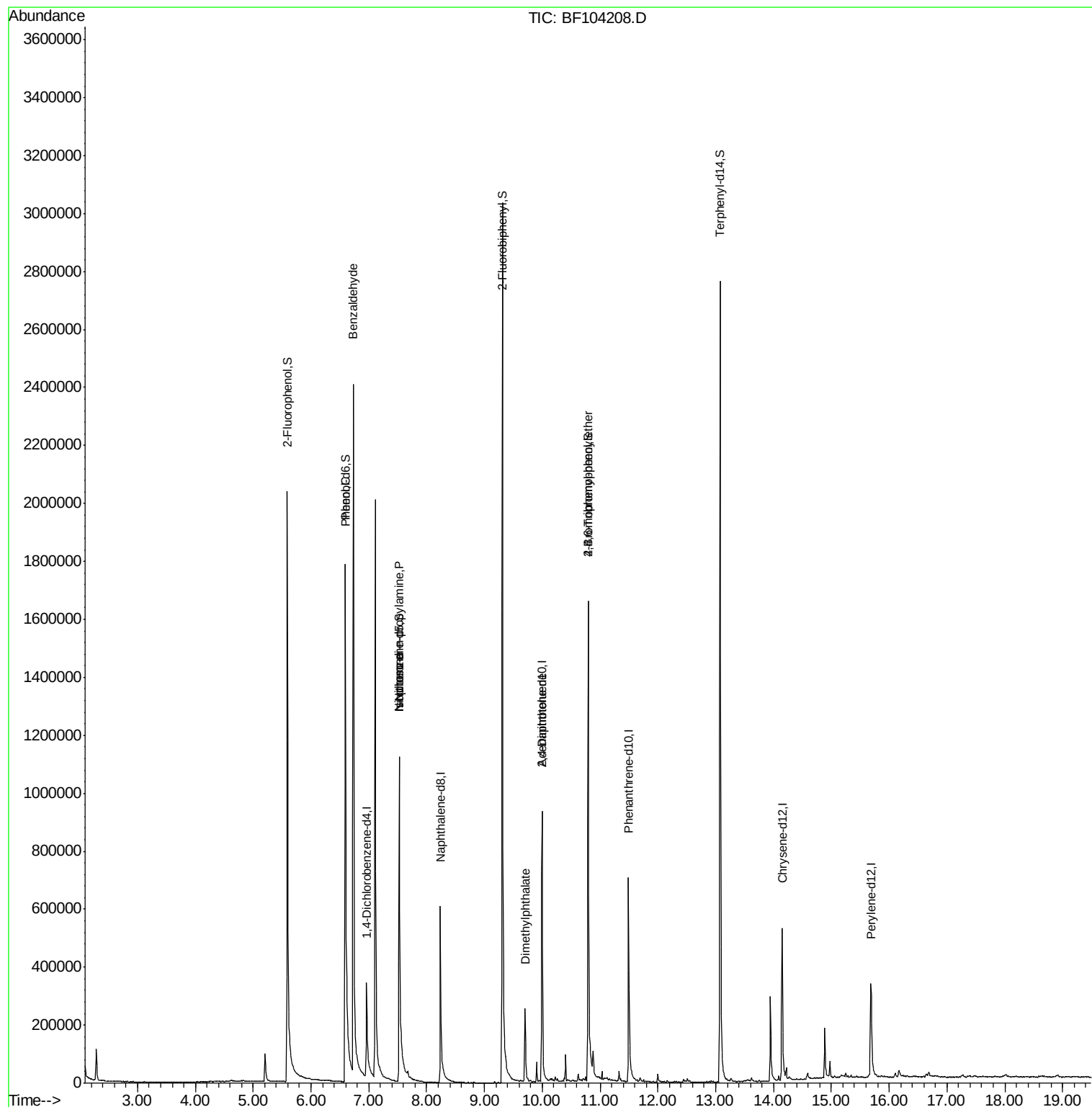
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	108012	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	465151	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	221961	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	407475	20.00	ng	0.00
75) Chrysene-d12	14.15	240	276762	20.00	ng	0.00
86) Perylene-d12	15.69	264	228170	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	885639	130.76	ng	0.00
7) Phenol-d6	6.59	99	1164984	139.81	ng	0.00
23) Nitrobenzene-d5	7.53	82	720819	94.77	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	312971	126.63	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1300439	92.39	ng	0.00
78) Terphenyl-d14	13.08	244	1233881	102.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	18845	2.939	ng	89
10) Phenol	6.60	94	25938	2.809	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	84272	17.041	ng	# 71
25) Isophorone	7.53	82	725066	51.727	ng	# 64
49) Dimethylphthalate	9.70	163	144652	8.254	ng	99
56) 2,4-Dinitrotoluene	10.00	165	27715	5.761	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	18918	4.340	ng	# 1

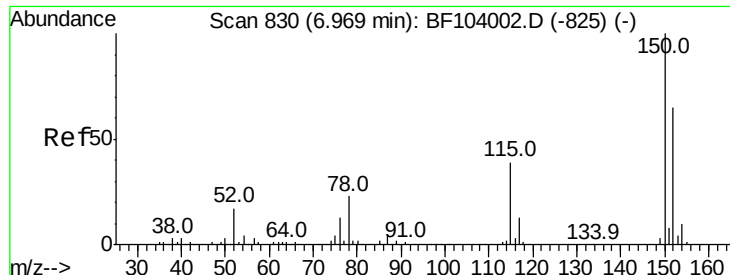
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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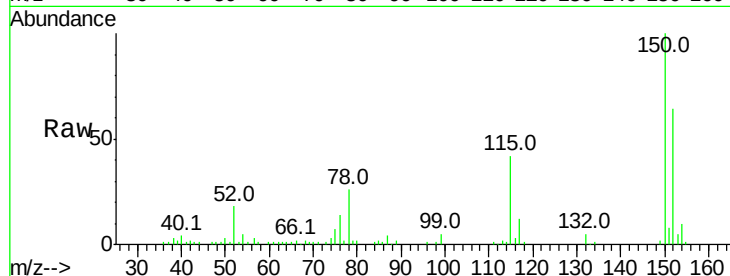


#1

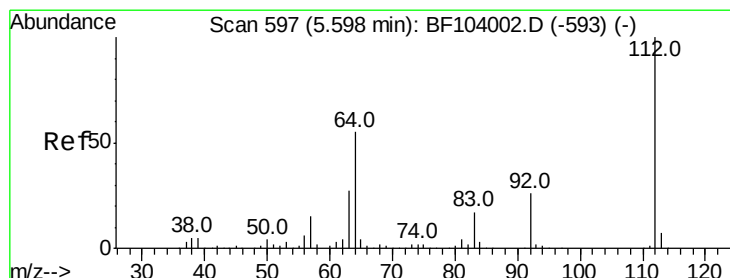
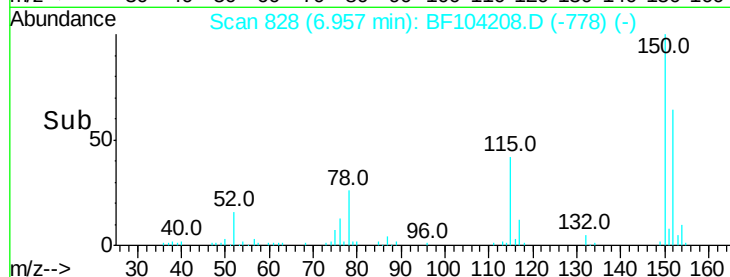
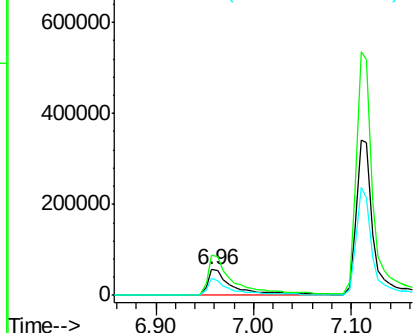
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108012
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 64.9 50.1 75.1



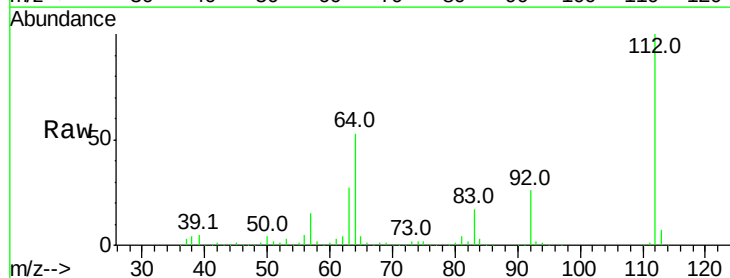
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



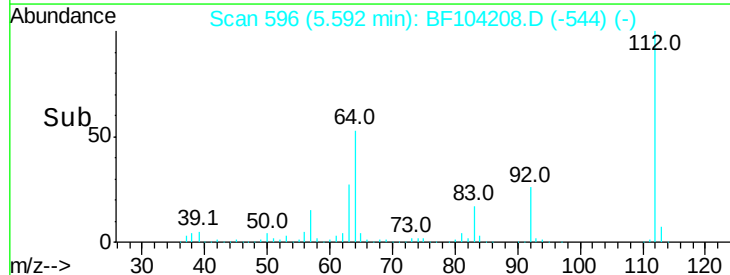
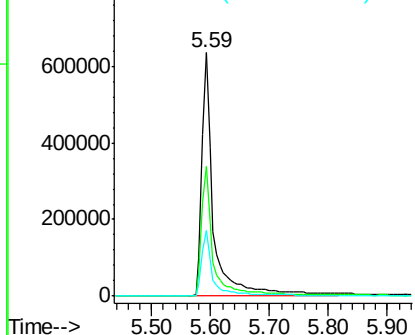
#5

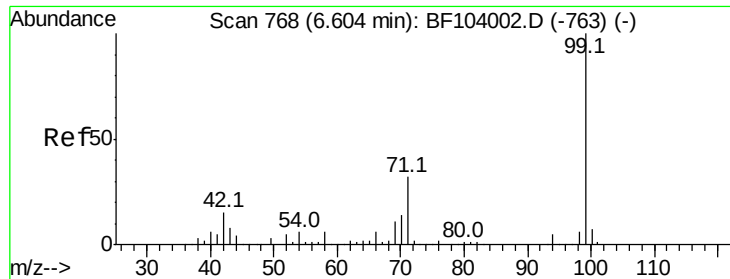
2-Fluorophenol
Concen: 130.761 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

Tgt Ion:112 Resp: 885639
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.9 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: 139.807 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Instrument :

BNA_F

ClientSampleId :

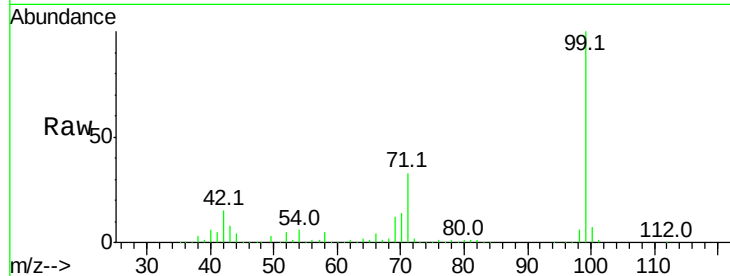
Tot Ion: 99 Resp: 1164984

Ion Ratio Lower Upper

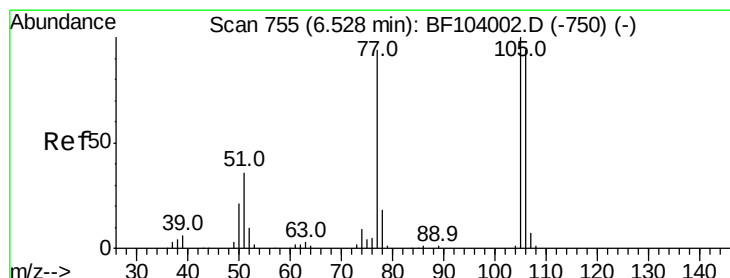
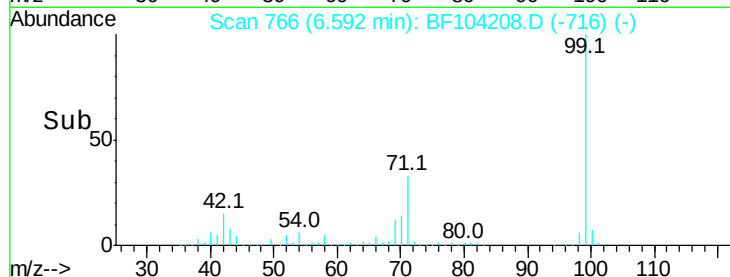
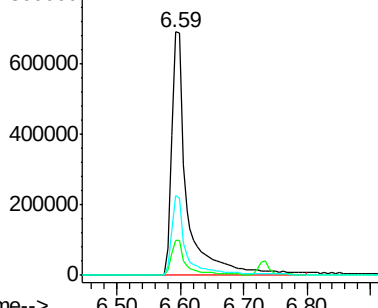
99 100

42 14.6 14.5 21.7

71 32.6 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



#9

Benzaldehyde

Concen: 2.939 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

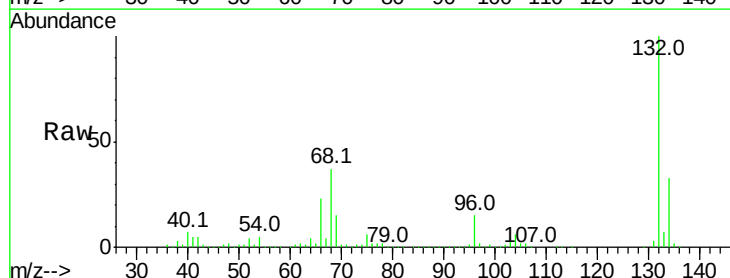
Tgt Ion: 77 Resp: 18845

Ion Ratio Lower Upper

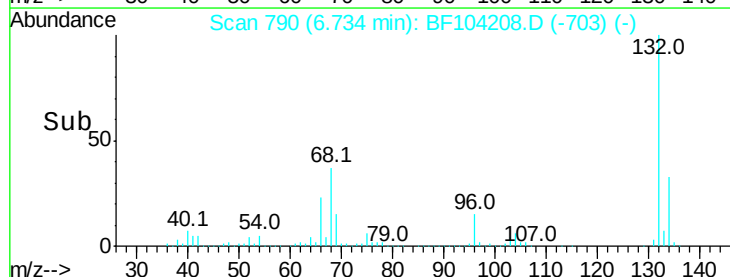
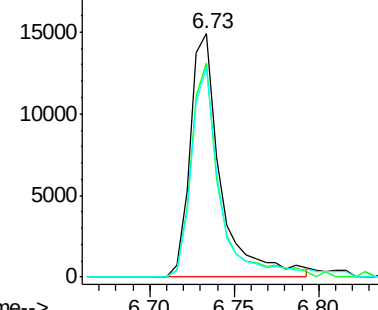
77 100

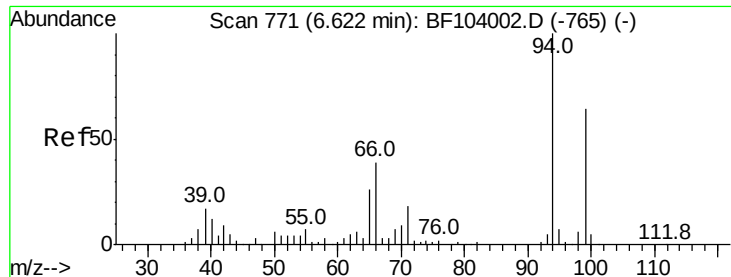
105 88.0 81.1 121.1

106 86.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.809 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Instrument :

BNA_F

ClientSampleId :

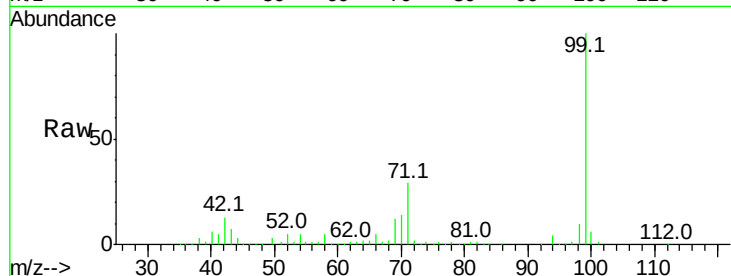
Tot Ion: 94 Resp: 25938

Ion Ratio Lower Upper

94 100

65 41.6 7.9 47.9

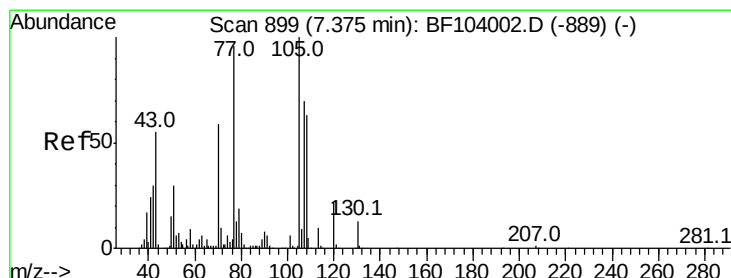
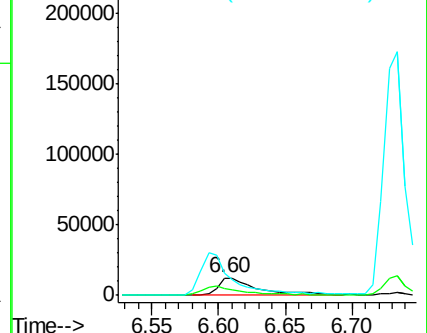
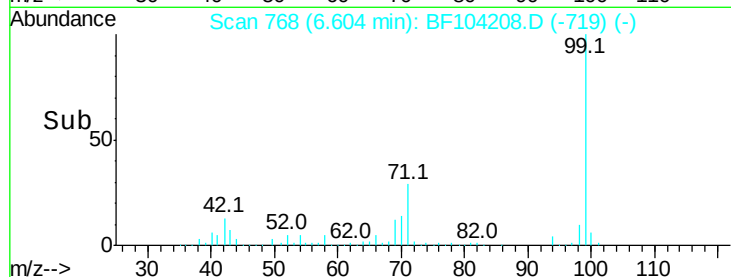
66 128.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.041 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Tgt Ion: 70 Resp: 84272

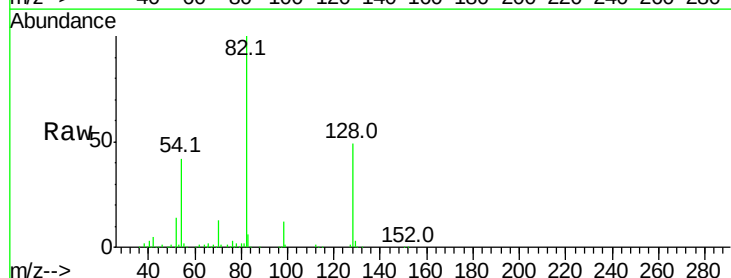
Ion Ratio Lower Upper

70 100

42 39.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

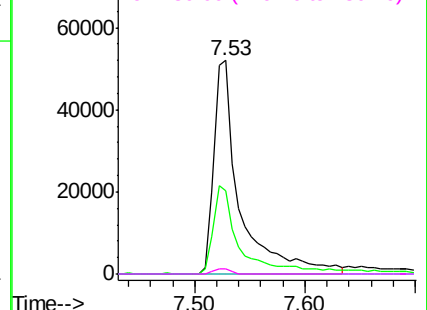
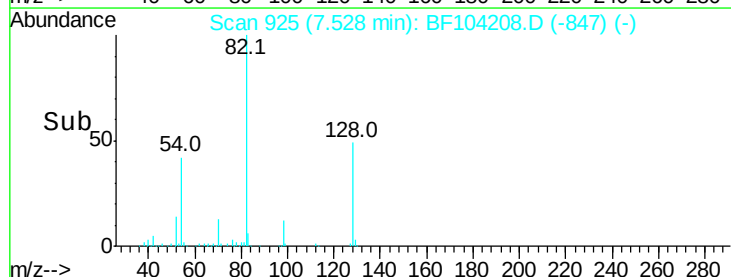


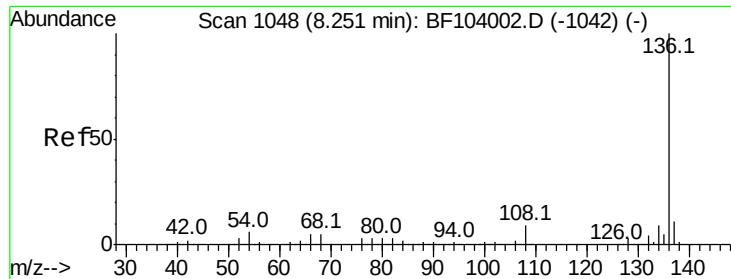
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

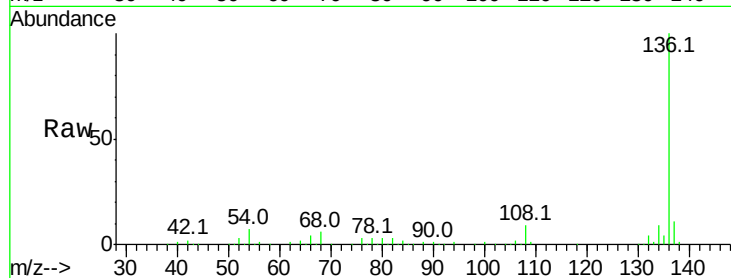




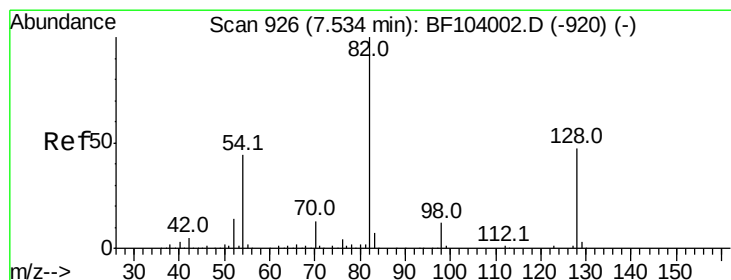
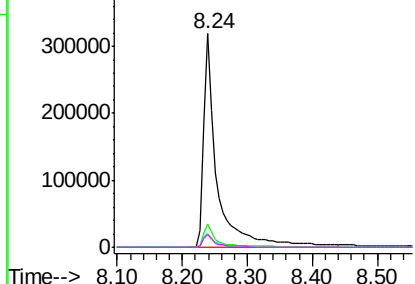
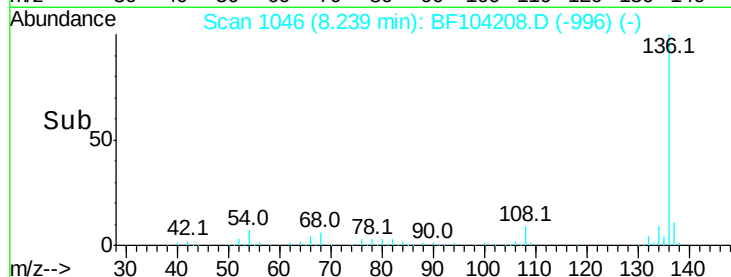
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	465151
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

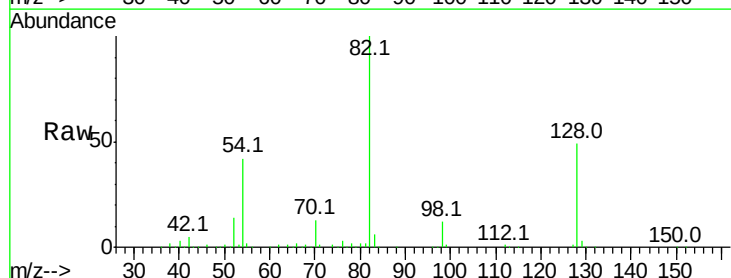


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

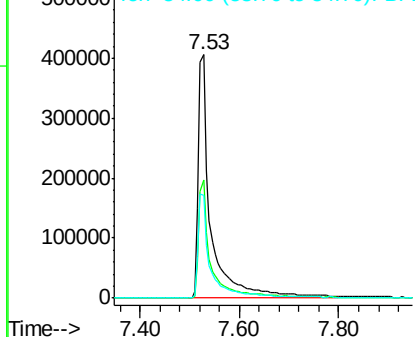
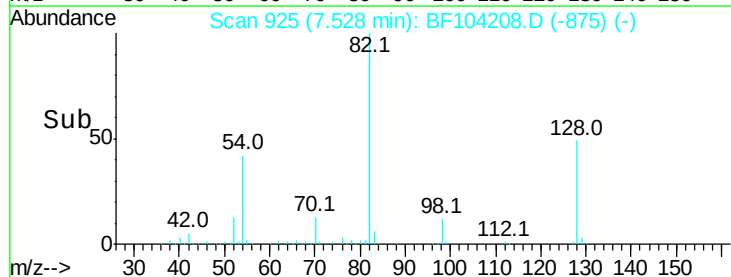


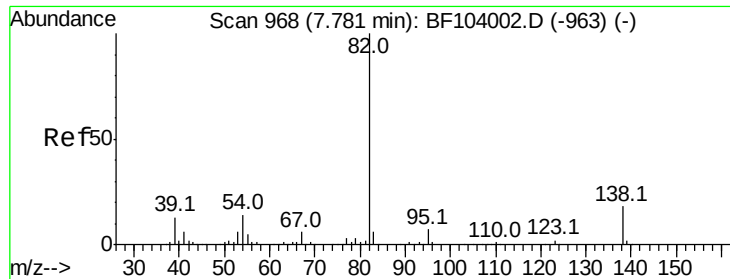
#23
Nitrobenzene-d5
Concen: 94.769 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

Tgt Ion:	82	Resp:	720819
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	42.1	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: 51.727 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Instrument :

BNA_F

ClientSampled :

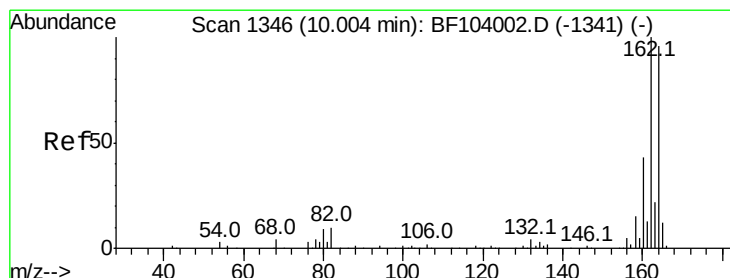
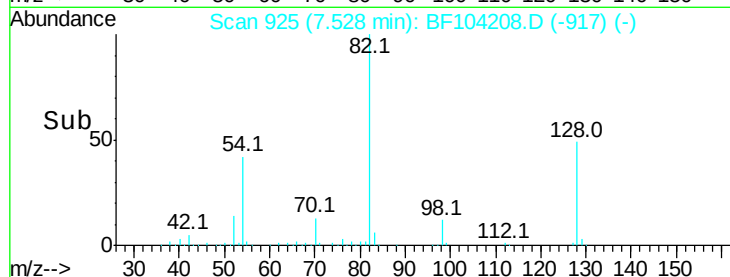
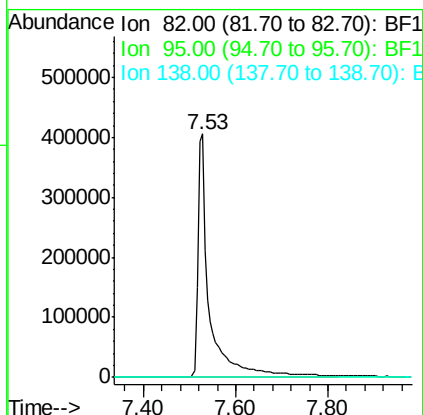
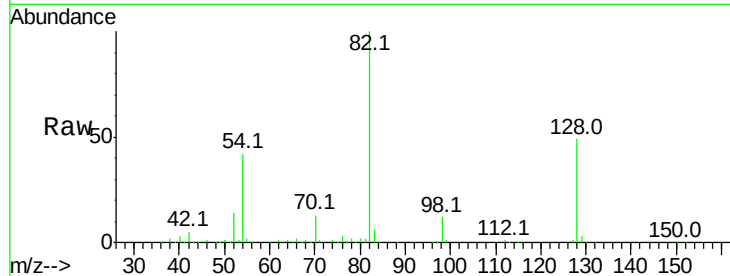
Tot Ion: 82 Resp: 725066

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

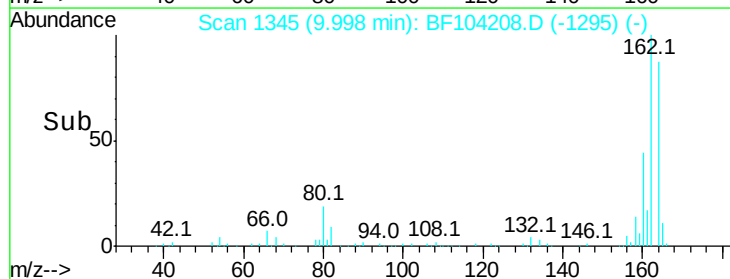
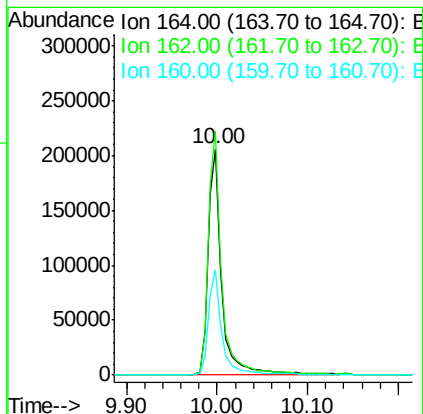
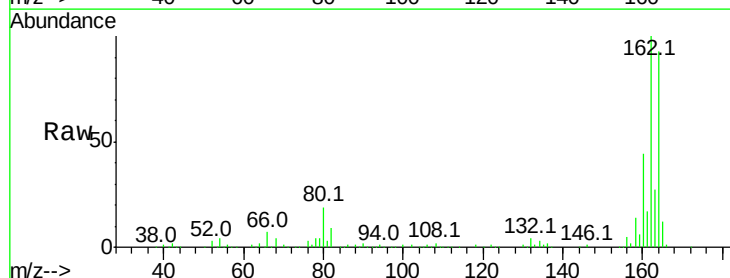
Tgt Ion:164 Resp: 221961

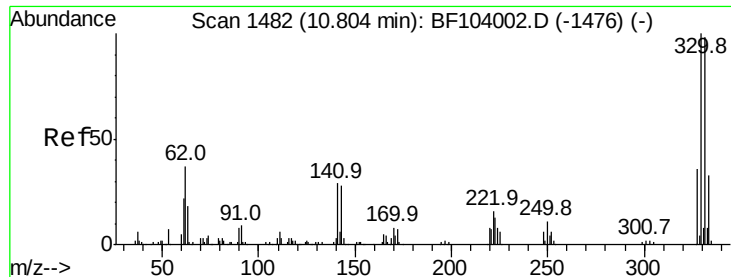
Ion Ratio Lower Upper

164 100

162 107.8 86.1 129.1

160 46.9 38.3 57.5

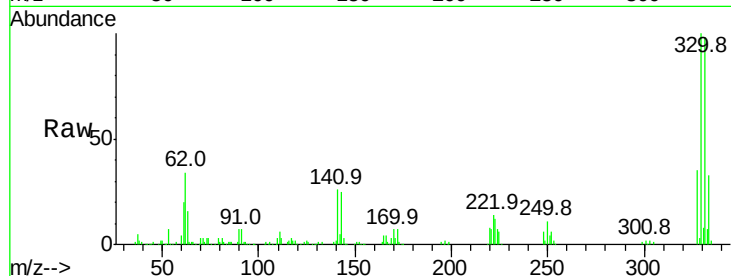




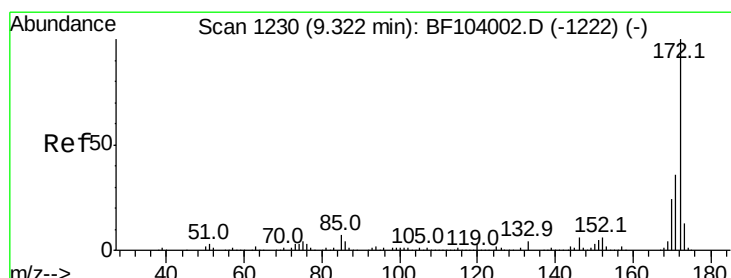
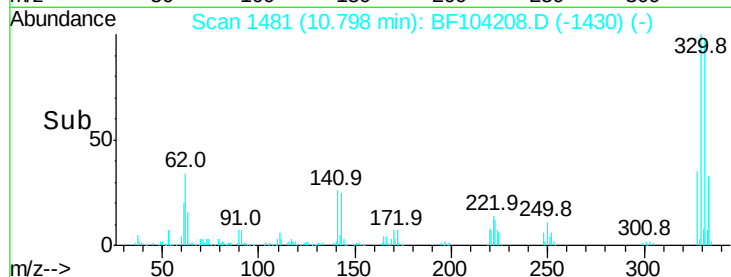
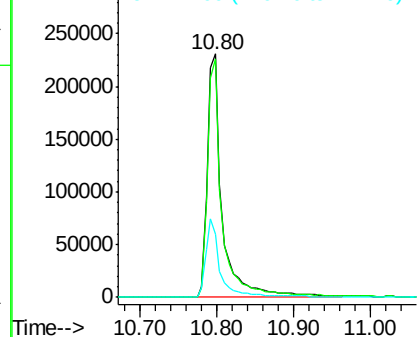
#41
 2,4,6-Tribromophenol
 Concen: 126.630 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104208.D
 Acq: 4 Apr 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 312971
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 31.6 29.9 44.9

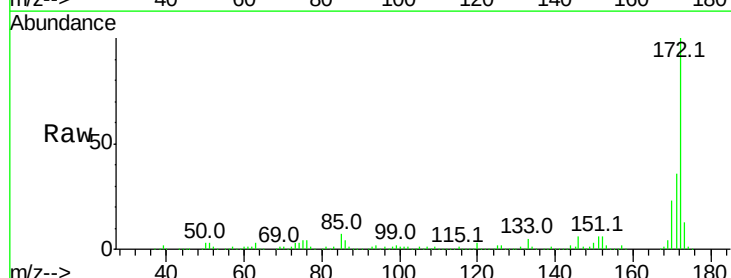


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

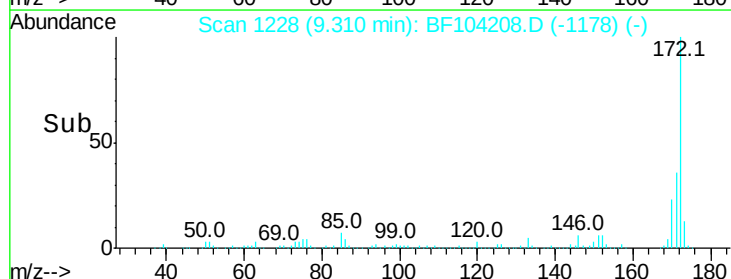
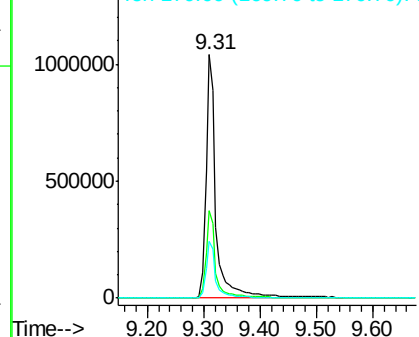


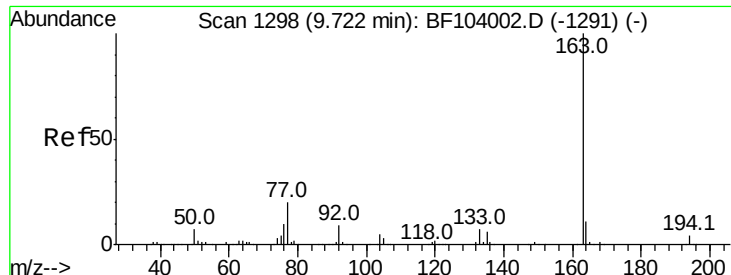
#44
 2-Fluorobiphenyl
 Concen: 92.389 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104208.D
 Acq: 4 Apr 2018 4:05

Tgt Ion:172 Resp: 1300439
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.5 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

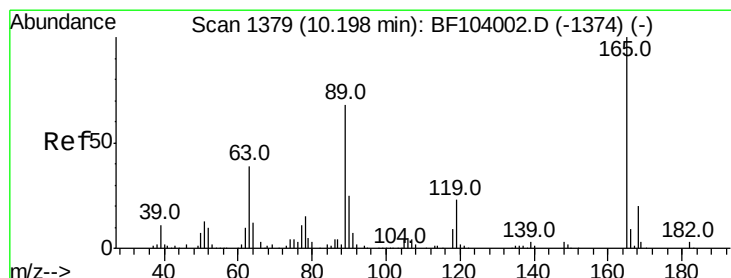
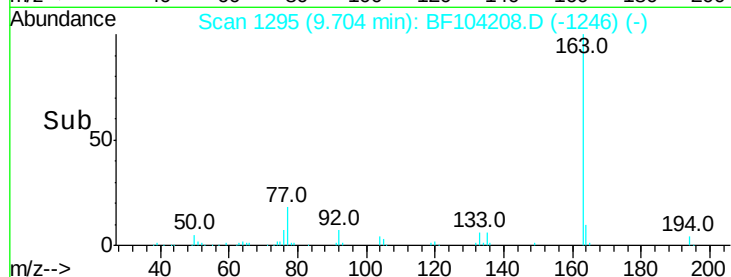
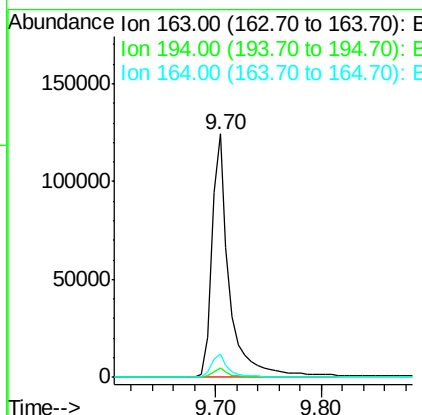
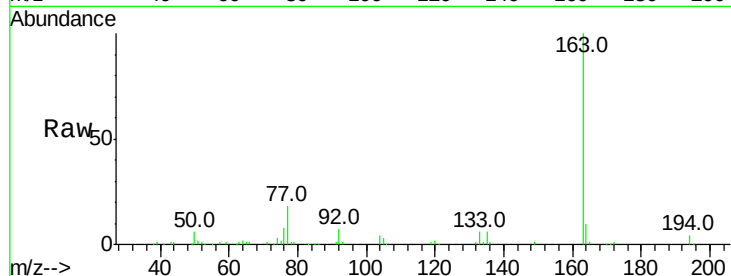




#49
Dimethylphthalate
Concen: 8.254 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

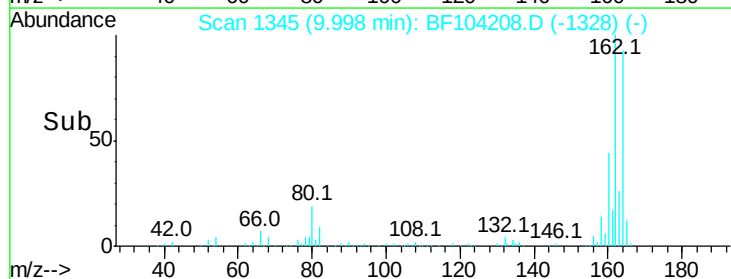
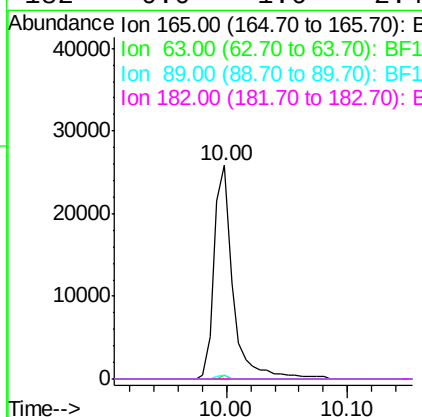
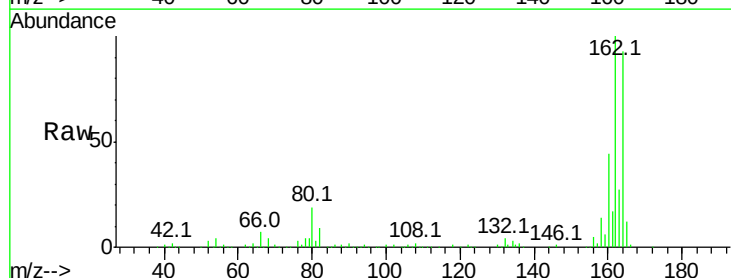
Instrument :
BNA_F
ClientSampleId :

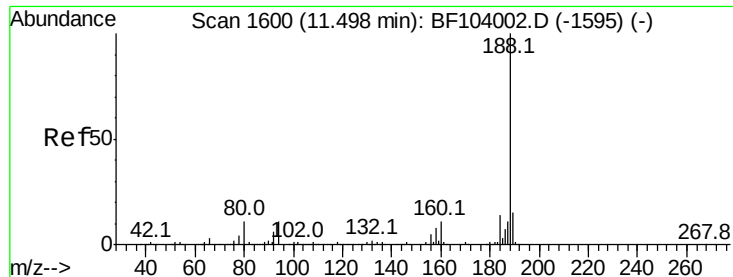
Tot Ion:163 Resp: 144652
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.761 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

Tgt Ion:165 Resp: 27715
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

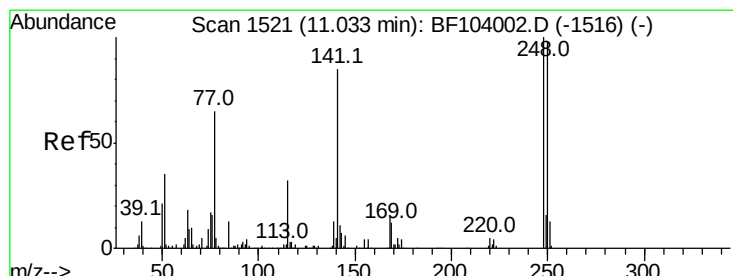
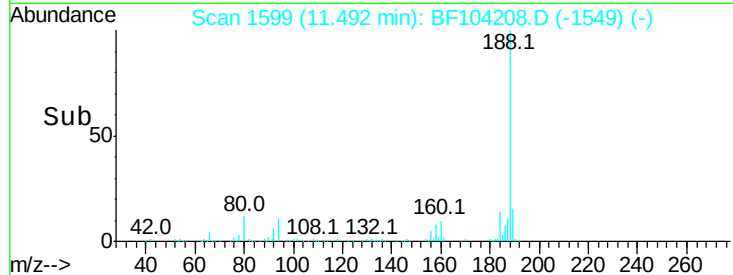
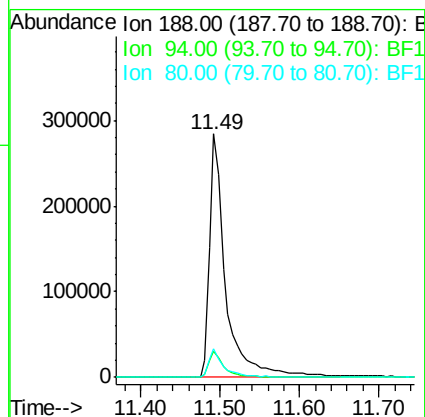
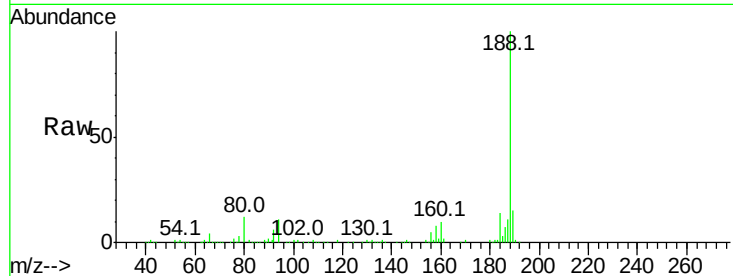




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

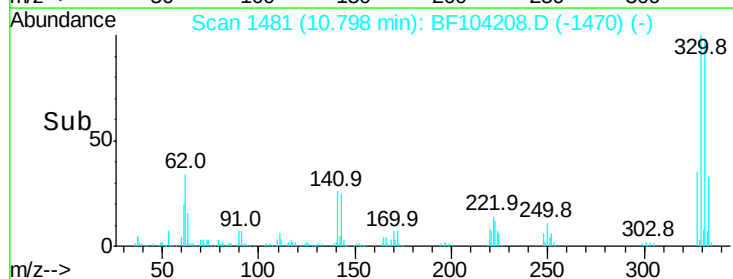
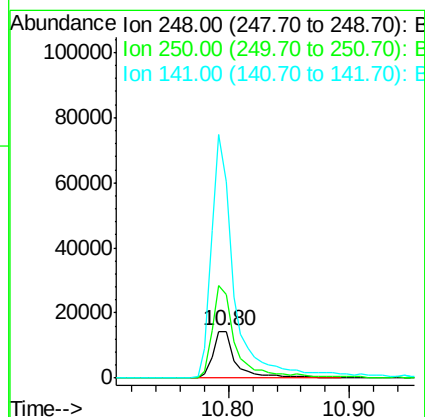
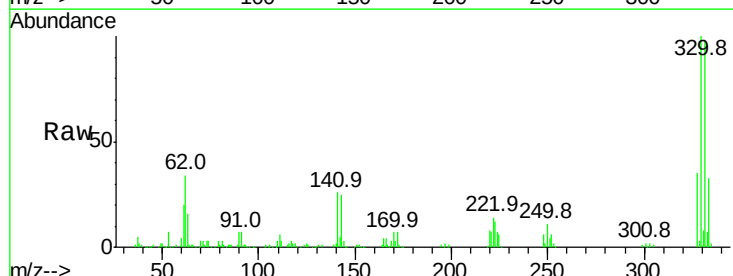
Instrument :
BNA_F
ClientSampleId :

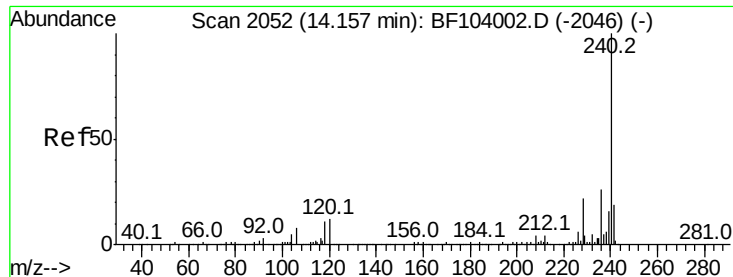
Tot Ion:188 Resp: 407475
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.340 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104208.D
Acq: 4 Apr 2018 4:05

Tgt Ion:248 Resp: 18918
Ion Ratio Lower Upper
248 100
250 180.1 76.9 115.3#
141 421.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Instrument :

BNA_F

ClientSampleId :

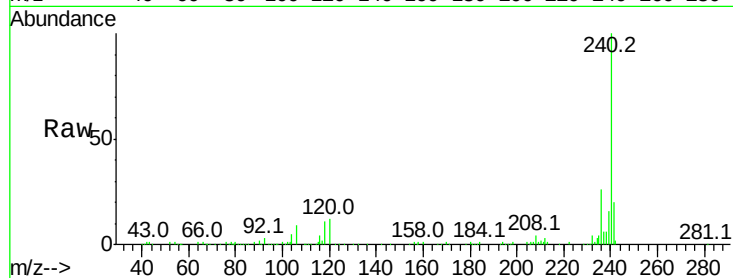
Tot Ion:240 Resp: 276762

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

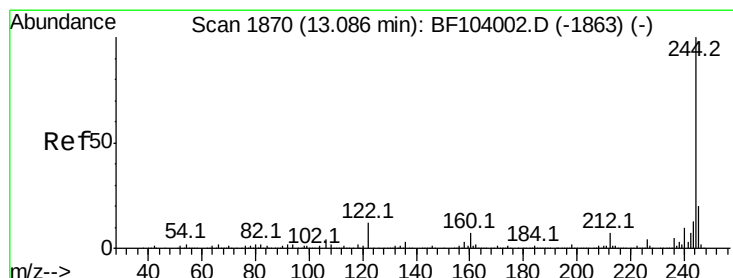
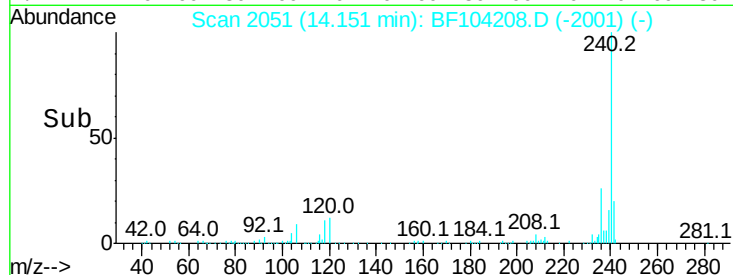
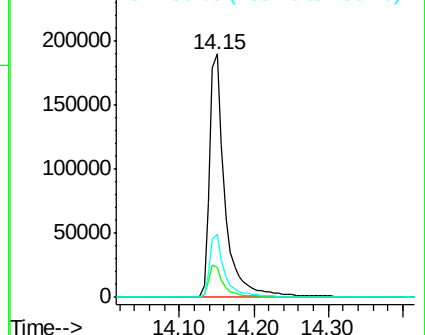
236 26.0 20.7 31.1



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: 102.939 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

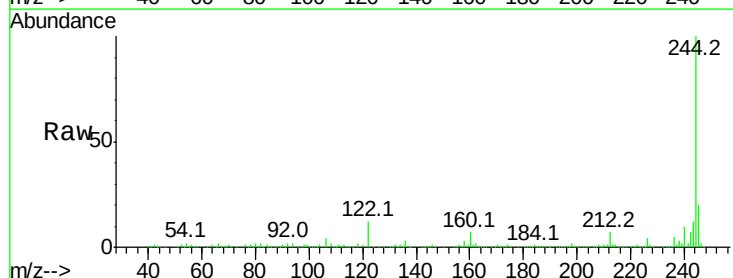
Tgt Ion:244 Resp: 1233881

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

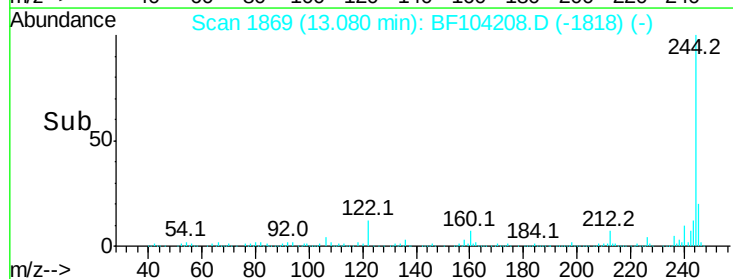
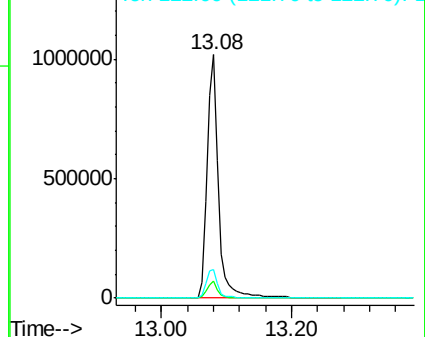
122 11.9 11.0 16.4

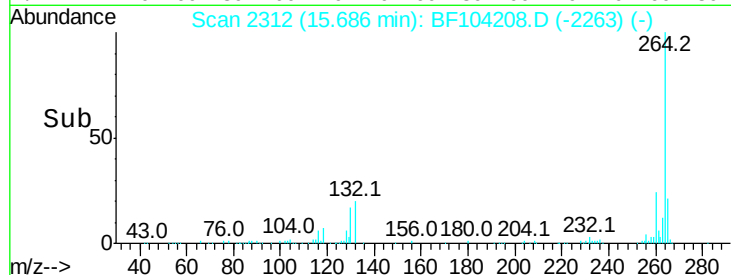
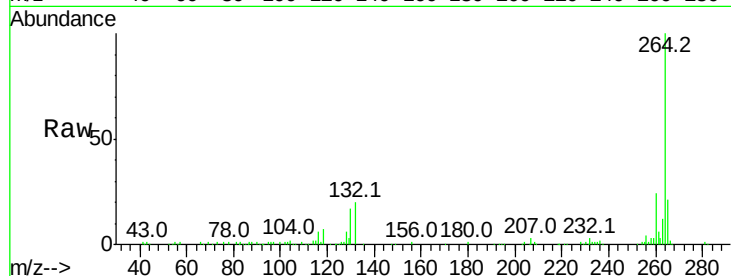
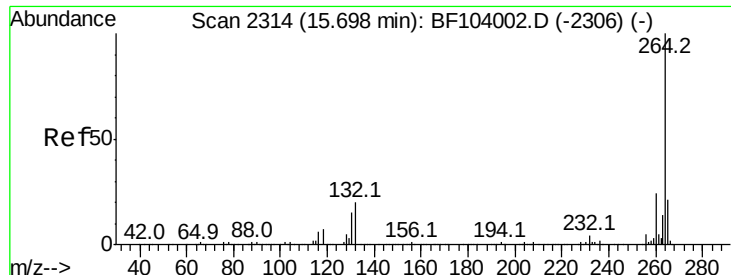


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2312
 Delta R.T. -0.01 min
 Lab File: BF104208.D
 Acq: 4 Apr 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	228170
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.5	26.3

