

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104181.D
 Acq On : 3 Apr 2018 14:49
 Operator : JU/SJ
 Sample : J2114-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 15:24:35 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

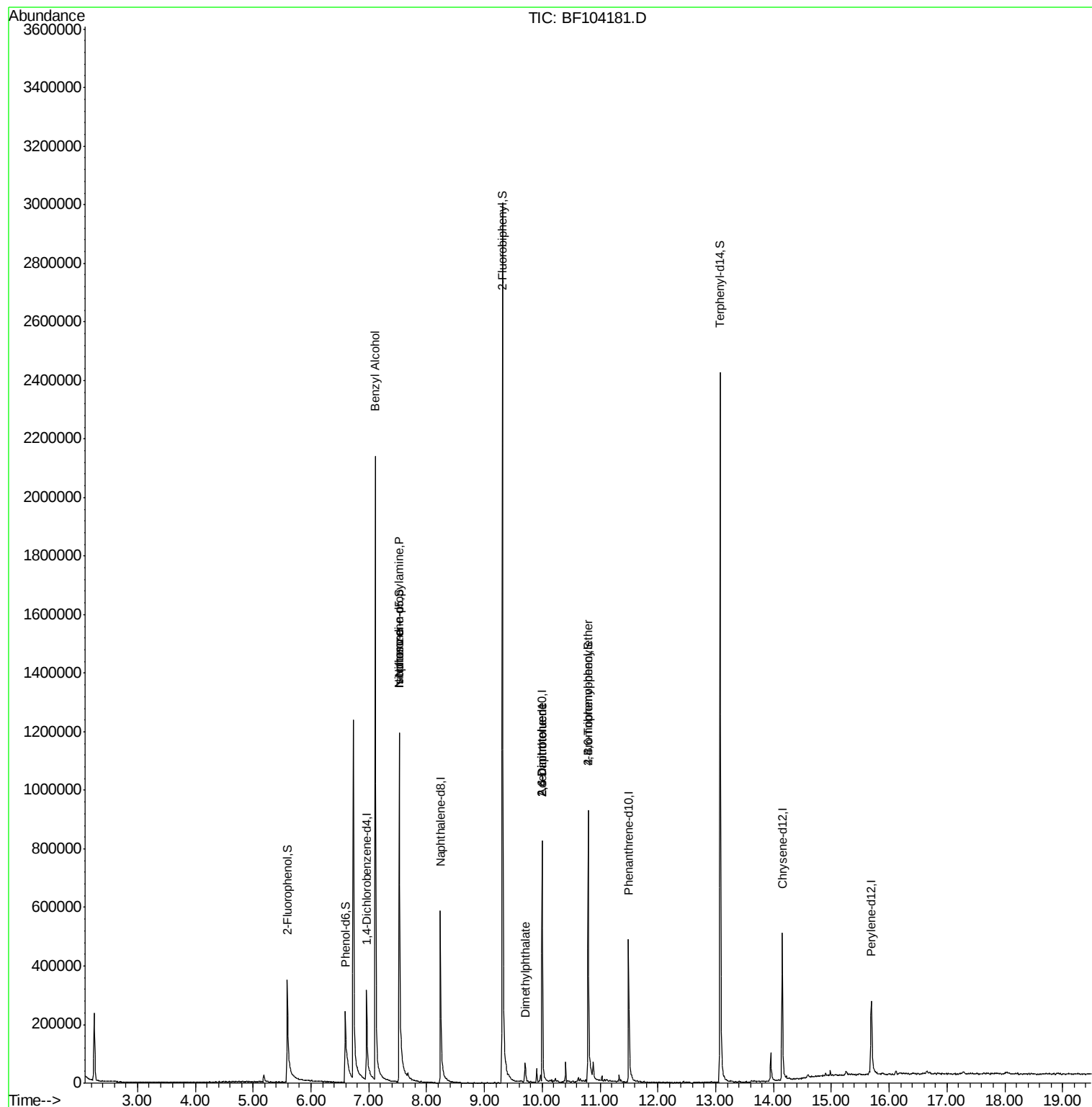
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93610	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	414235	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	182839	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	284218	20.00	ng	0.00
75) Chrysene-d12	14.15	240	227250	20.00	ng	0.00
86) Perylene-d12	15.69	264	164684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	238870	40.69	ng	0.00
7) Phenol-d6	6.59	99	231702	32.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	653015	96.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	168434	82.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1253530	108.11	ng	0.00
78) Terphenyl-d14	13.08	244	965070	98.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.12	79	10022	2.134	ng	# 38
19) n-Nitroso-di-n-propylamine	7.53	70	78823	18.392	ng	# 71
25) Isophorone	7.53	82	653015	52.313	ng	# 64
49) Dimethylphthalate	9.70	163	37597	2.604	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	23091	7.435	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	23201	5.854	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	9793	3.221	ng	# 1

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

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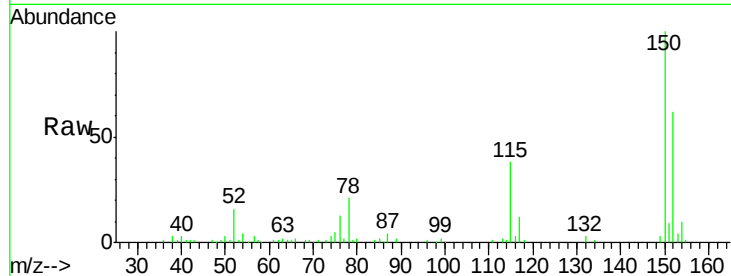


#1

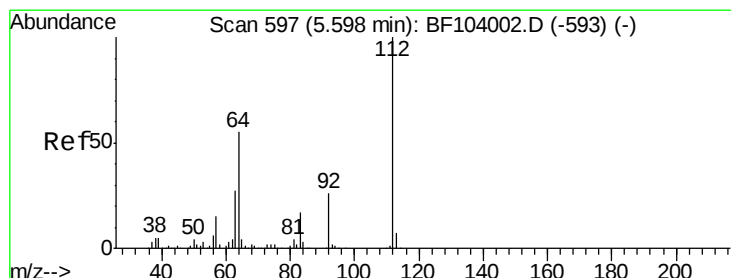
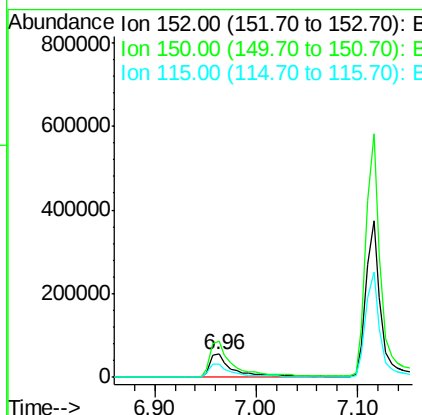
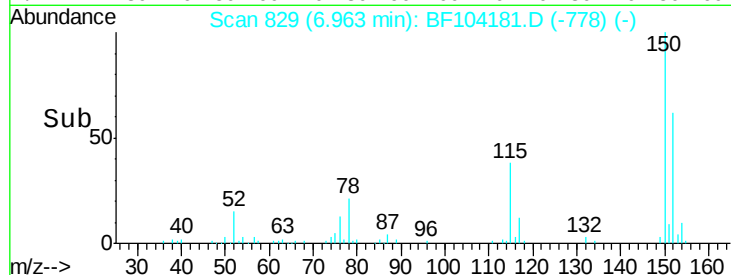
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93610
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 60.5 50.1 75.1



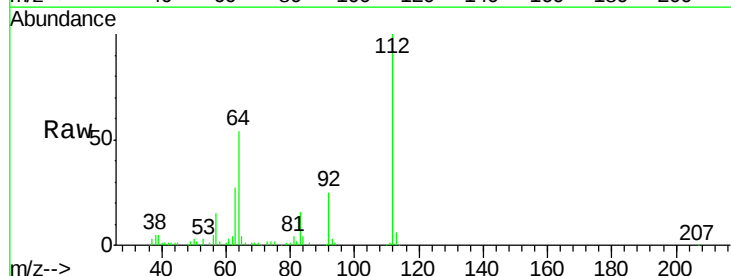
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



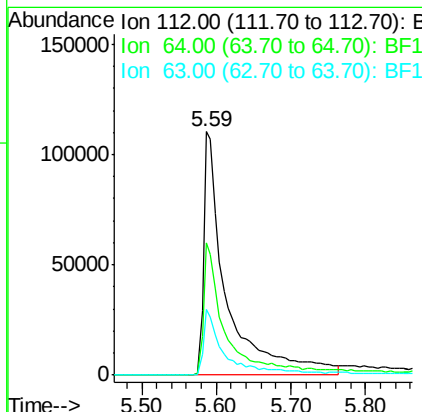
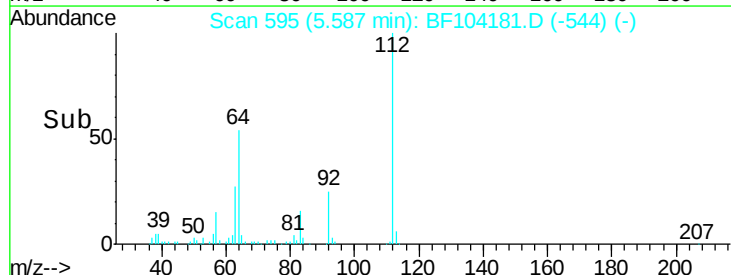
#5

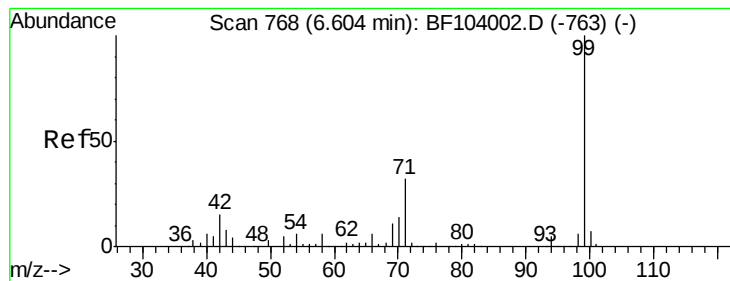
2-Fluorophenol
Concen: 40.694 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Tgt Ion:112 Resp: 238870
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 26.8 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: 32.084 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104181.D

Acq: 3 Apr 2018 14:49

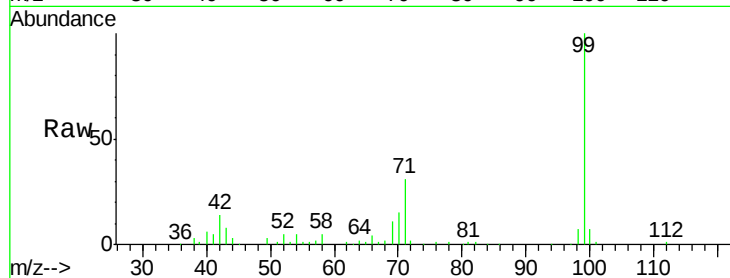
Instrument :

BNA_F

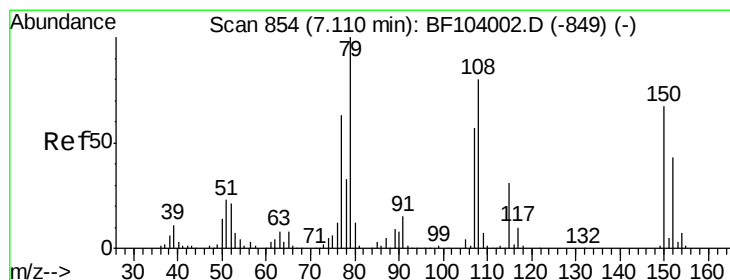
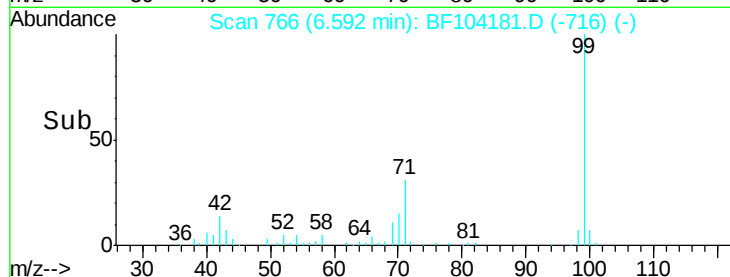
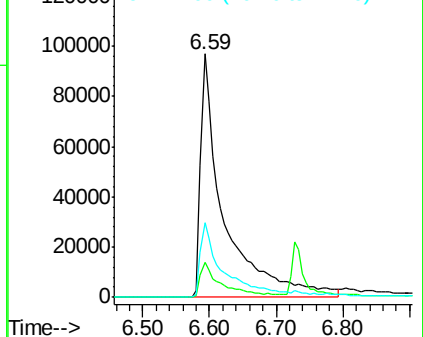
ClientSampleId :

Tot Ion: 99 Resp: 231702

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	30.6	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



#15

Benzyl Alcohol

Concen: 2.134 ng

RT: 7.12 min Scan# 855

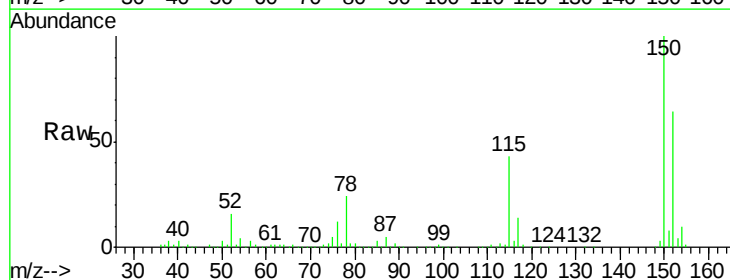
Delta R.T. 0.01 min

Lab File: BF104181.D

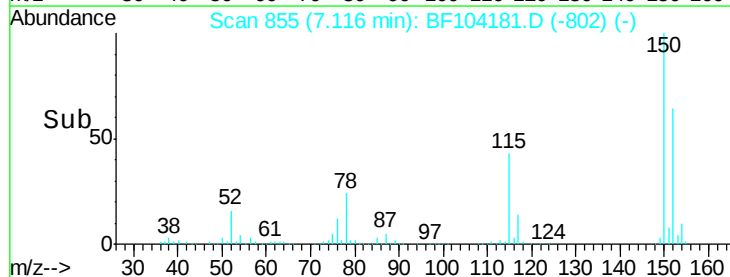
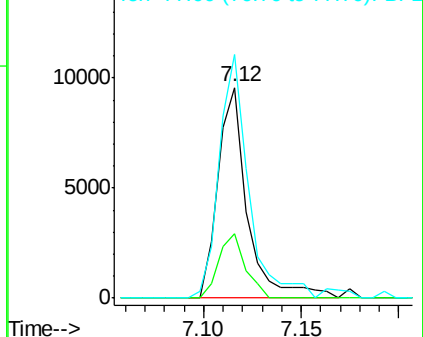
Acq: 3 Apr 2018 14:49

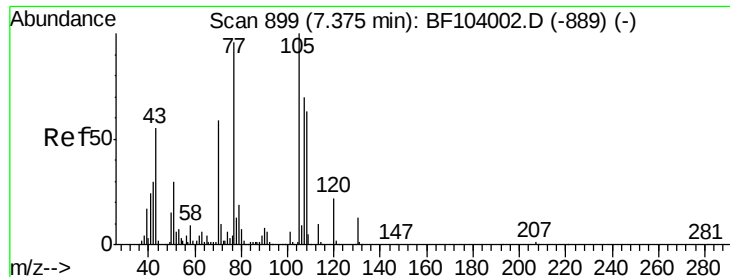
Tgt Ion: 79 Resp: 10022

Ion	Ratio	Lower	Upper
79	100		
108	30.3	65.1	97.7#
77	115.6	50.6	75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.392 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104181.D

Acq: 3 Apr 2018 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 78823

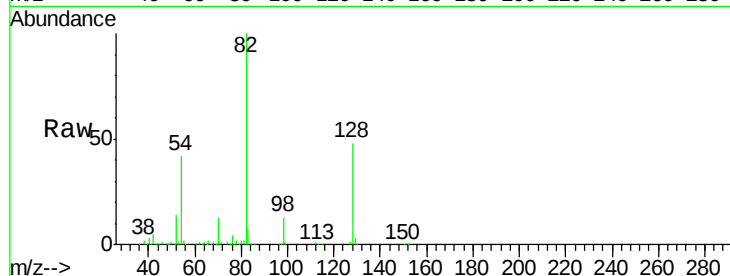
Ion Ratio Lower Upper

70 100

42 39.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

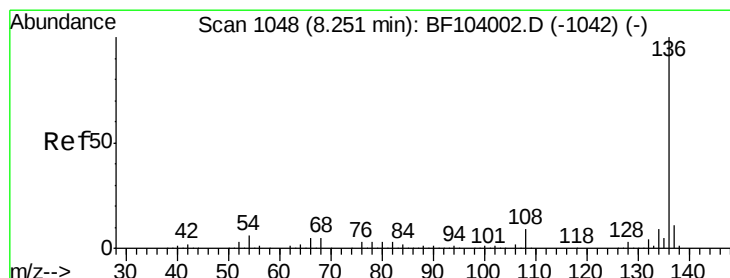
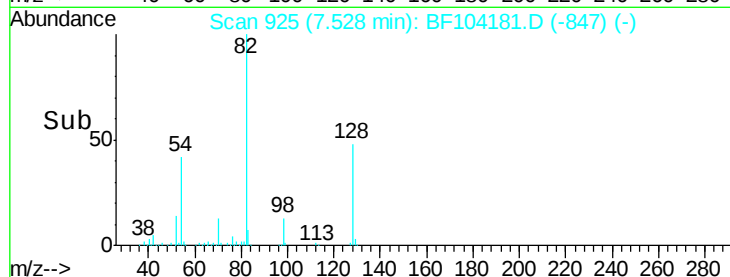
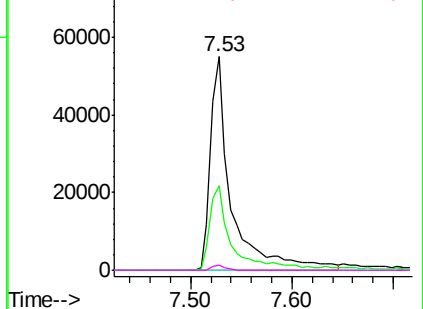


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF104181.D

Acq: 3 Apr 2018 14:49

Tgt Ion: 136 Resp: 414235

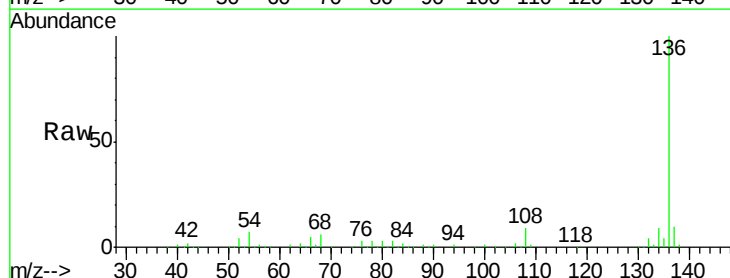
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

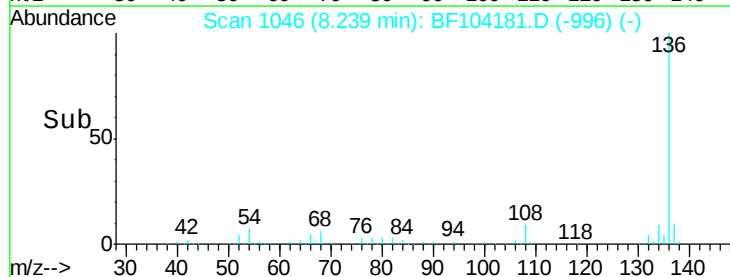
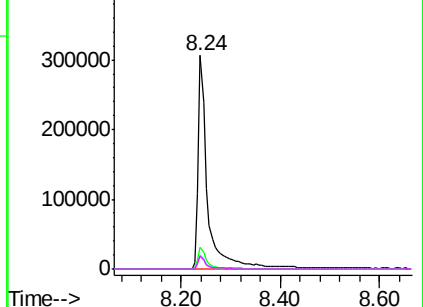


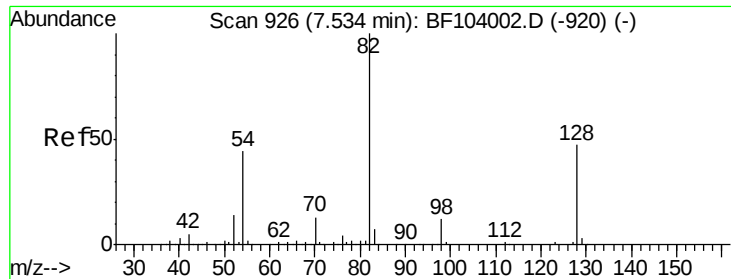
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

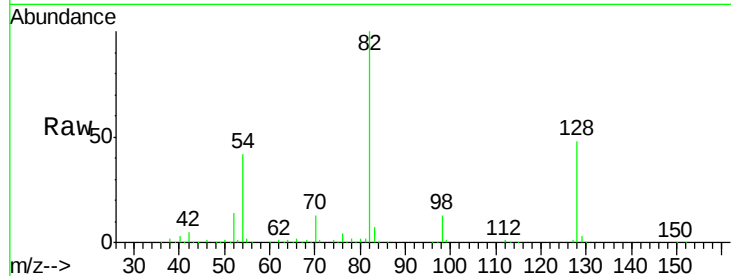




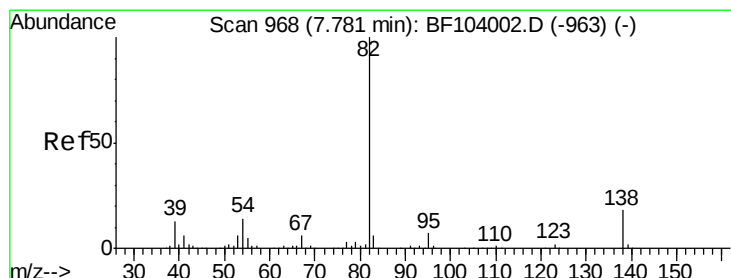
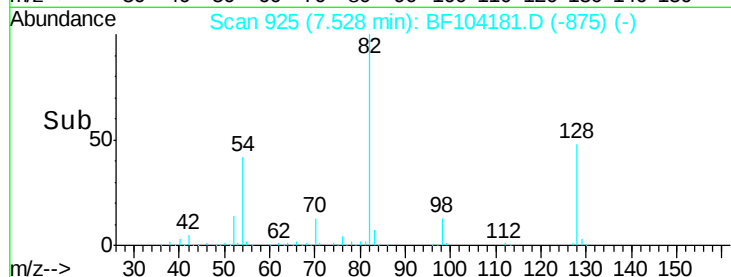
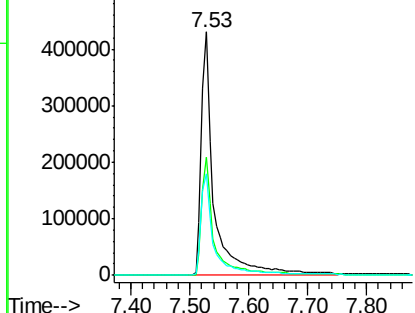
#23
Nitrobenzene-d5
Concen: 96.408 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Instrument :
BNA_F
ClientSampleID :

Tot Ion	82	Resp	653015
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	41.9	41.4	62.2

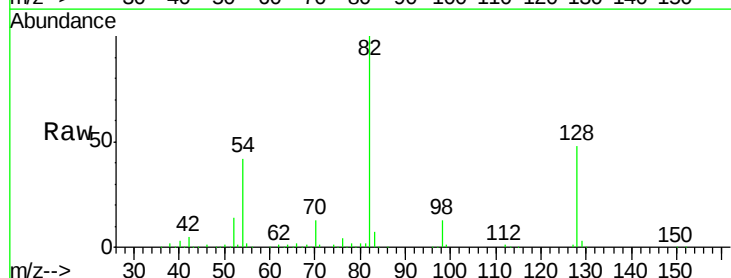


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

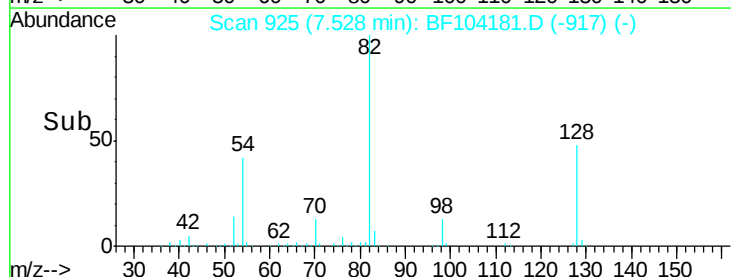
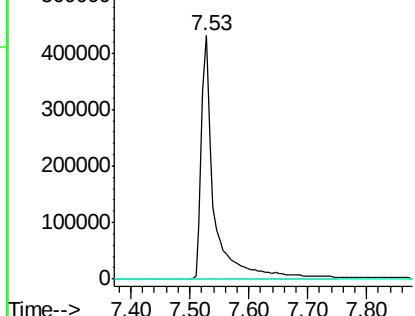


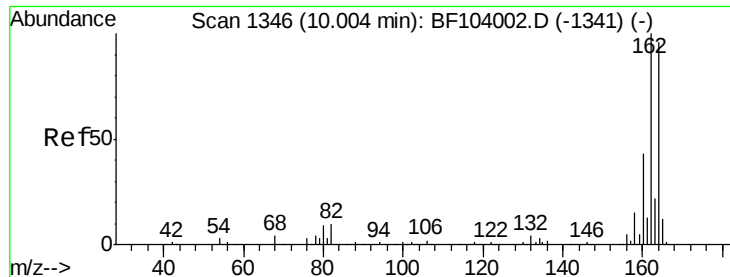
#25
Isophorone
Concen: 52.313 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Tgt Ion	82	Resp	653015
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

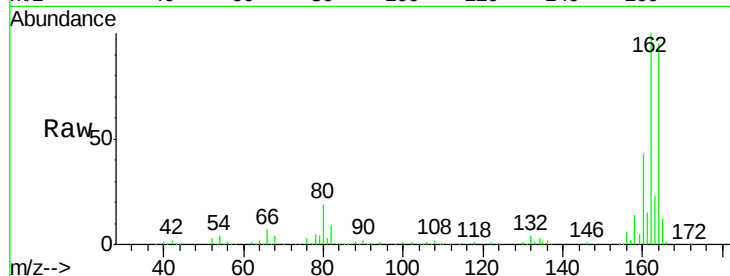




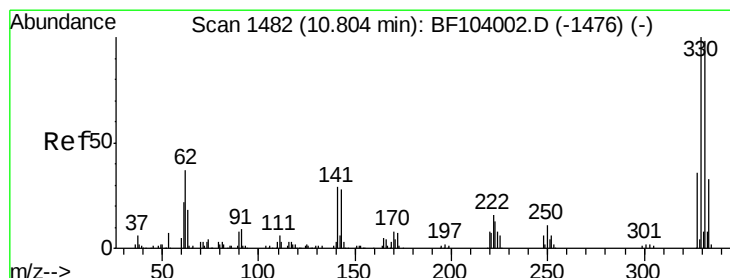
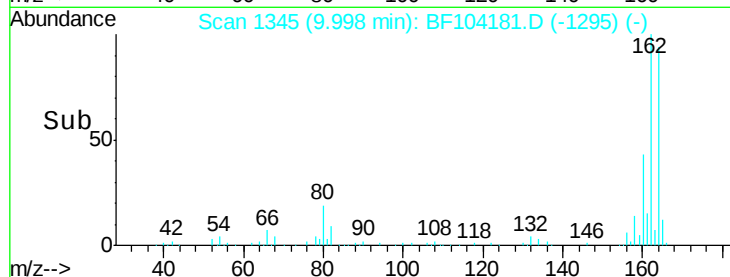
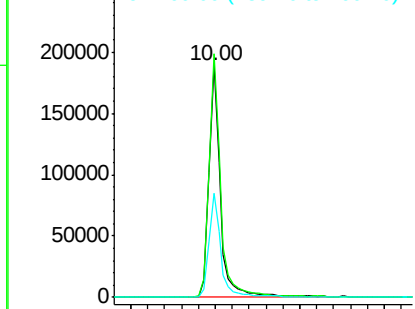
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104181.D
 Acq: 3 Apr 2018 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 182839
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 44.8 38.3 57.5

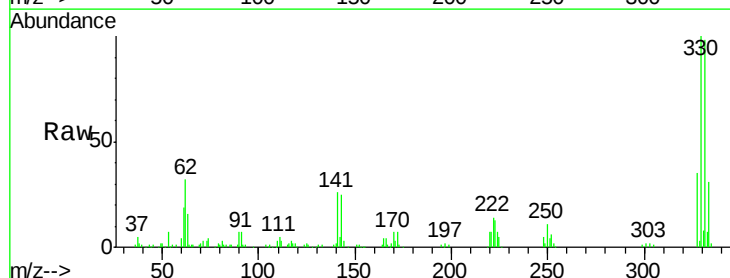


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

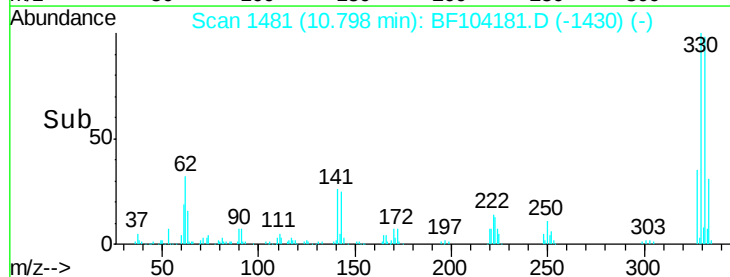
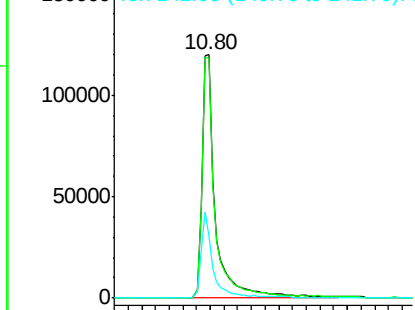


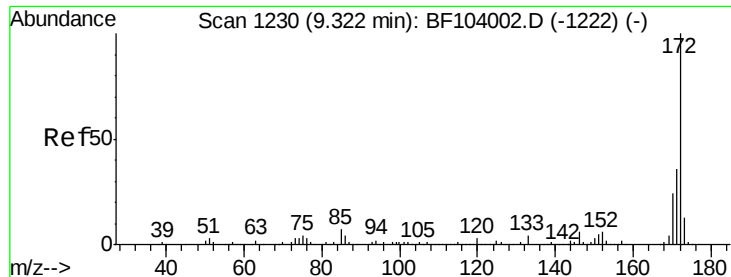
#41
 2,4,6-Tribromophenol
 Concen: 82.731 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104181.D
 Acq: 3 Apr 2018 14:49

Tgt Ion:330 Resp: 168434
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 32.4 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

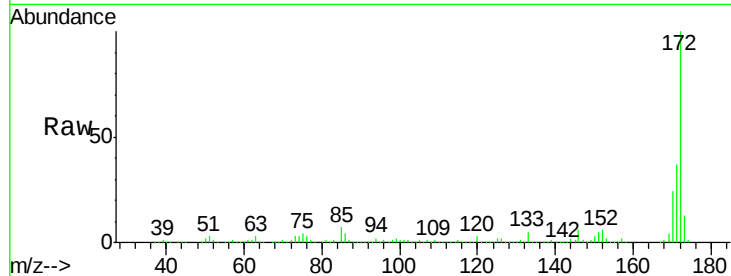




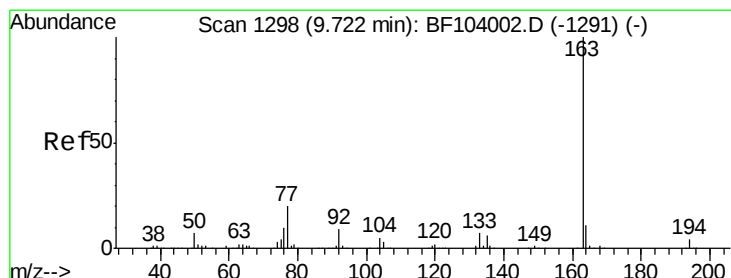
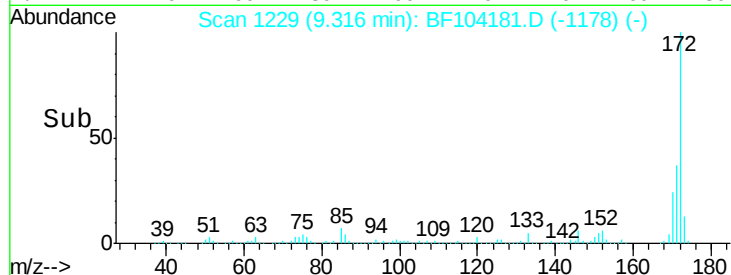
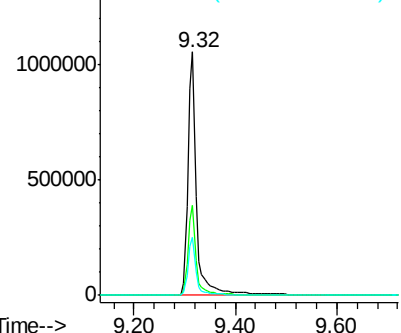
#44
2-Fluorobiphenyl
Concen: 108.112 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1253530
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 23.8 19.6 29.4

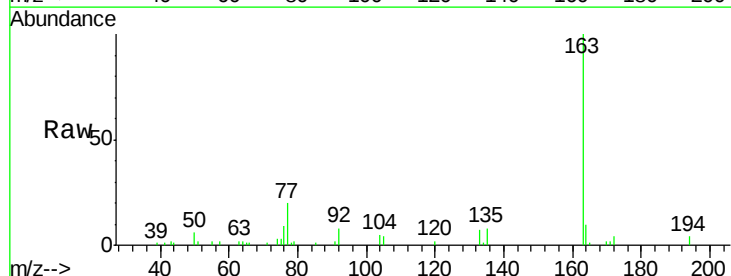


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

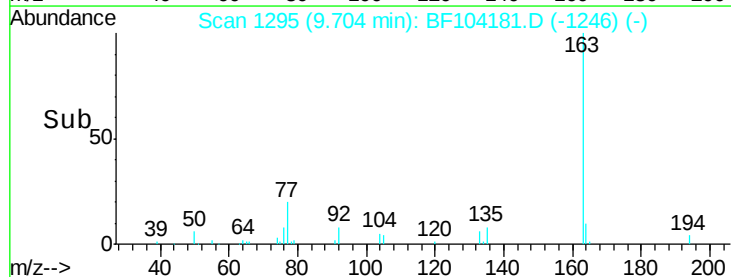
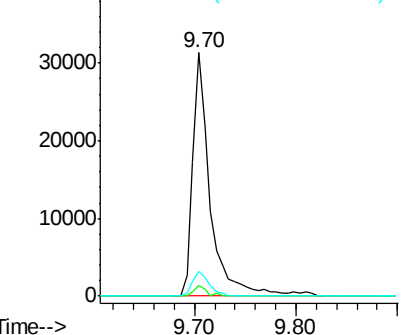


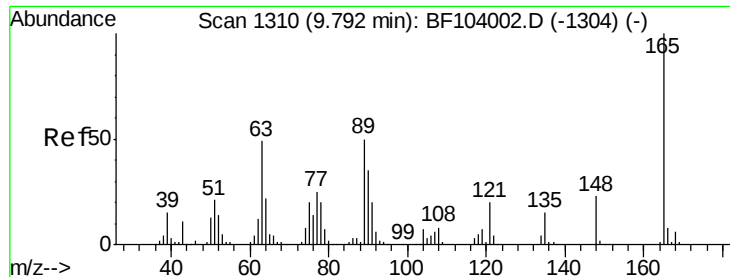
#49
Dimethylphthalate
Concen: 2.604 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Tgt Ion:163 Resp: 37597
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.2 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: 7.435 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.21 min

Lab File: BF104181.D

Acq: 3 Apr 2018 14:49

Instrument :

BNA_F

ClientSampleId :

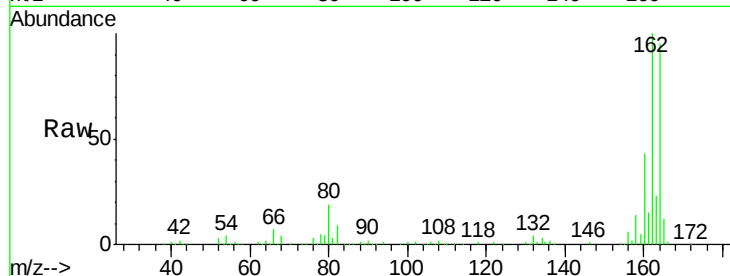
Tot Ion:165 Resp: 23091

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

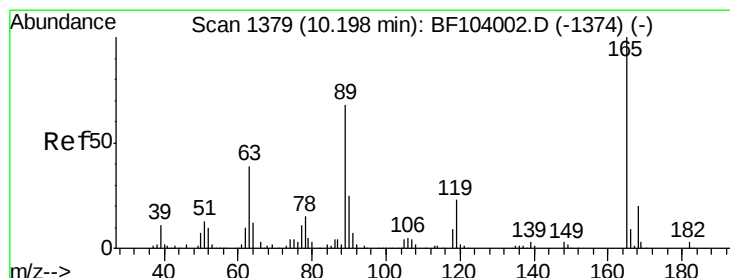
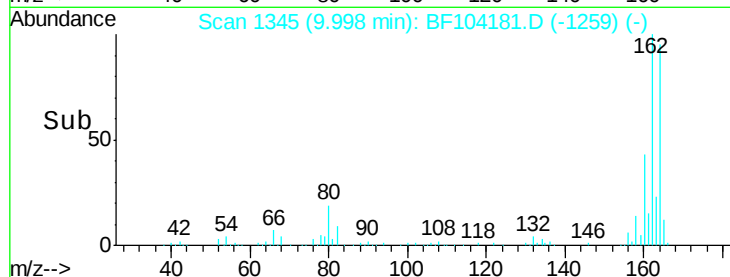
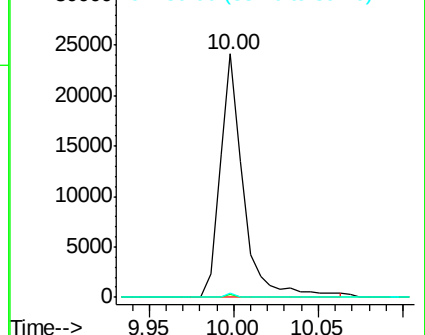
89 1.5 44.0 66.0#



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: 5.854 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.20 min

Lab File: BF104181.D

Acq: 3 Apr 2018 14:49

Tgt Ion:165 Resp: 23201

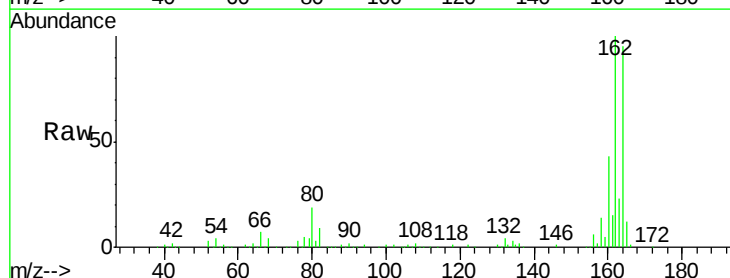
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

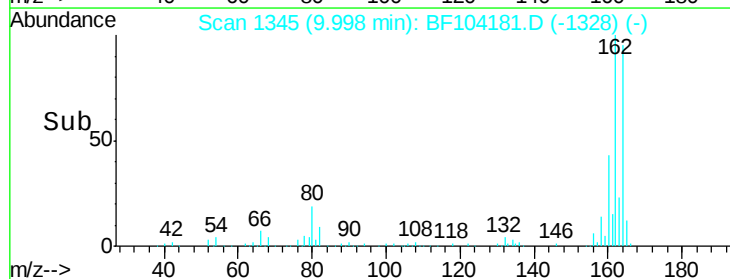
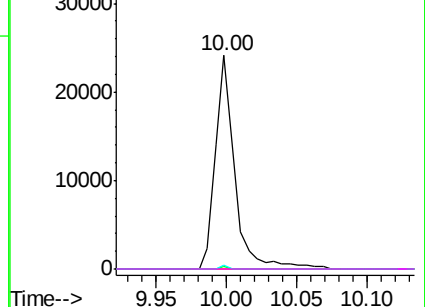


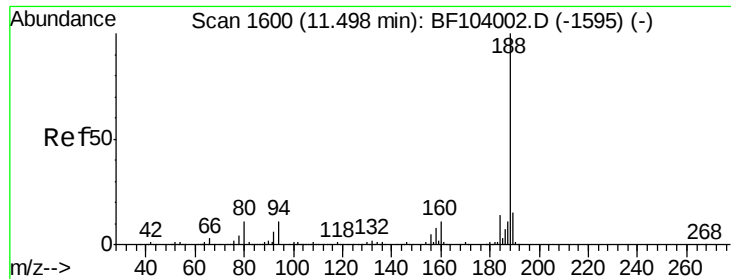
Abundance Ion 165.00 (164.70 to 165.70): E

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

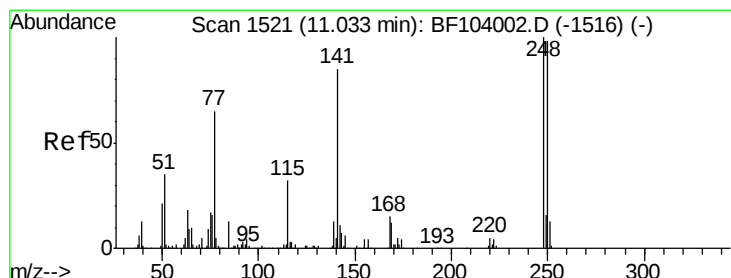
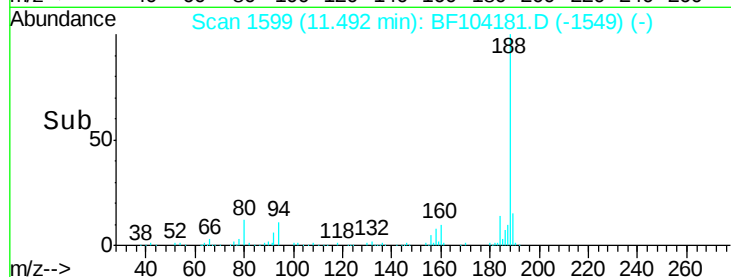
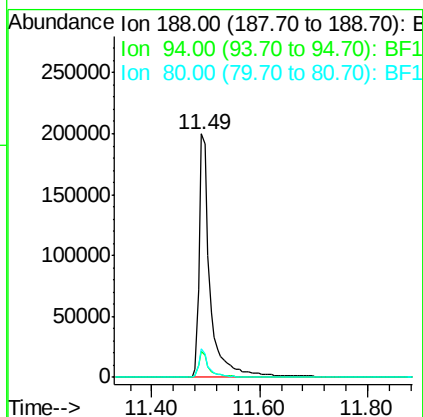
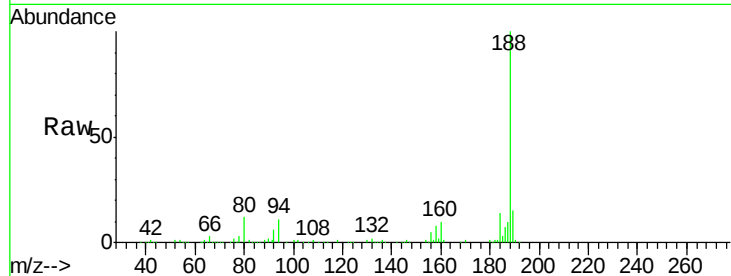




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

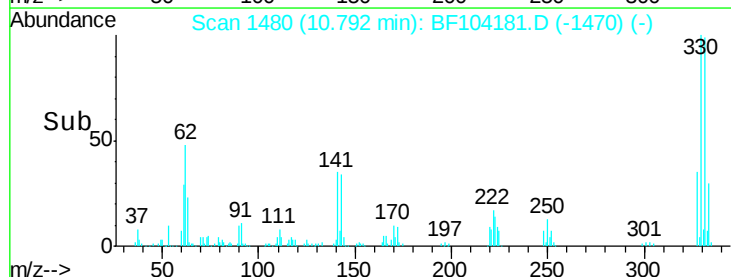
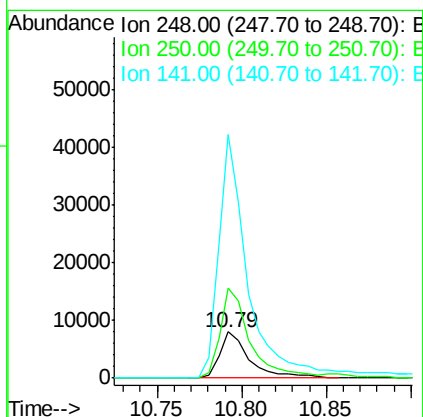
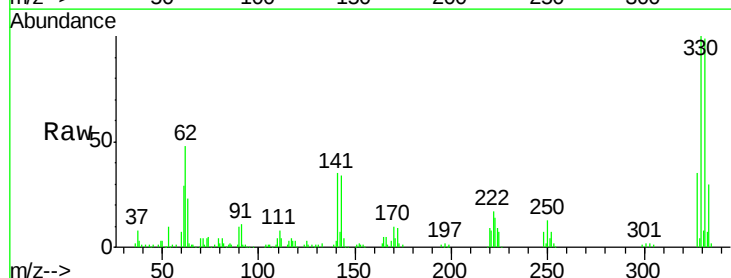
Instrument :
BNA_F
ClientSampleId :

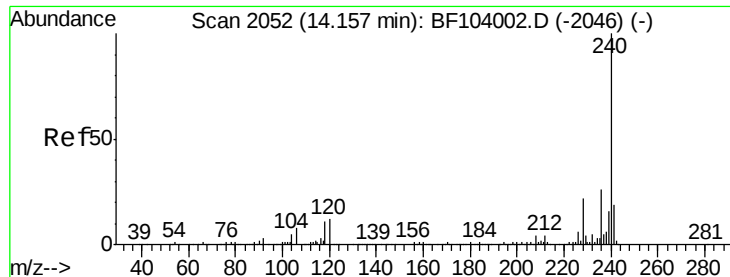
Tot Ion:188 Resp: 284218
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Tgt Ion:248 Resp: 9793
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 530.1 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: BF104181.D

Acq: 3 Apr 2018 14:49

Instrument :

BNA_F

ClientSampled :

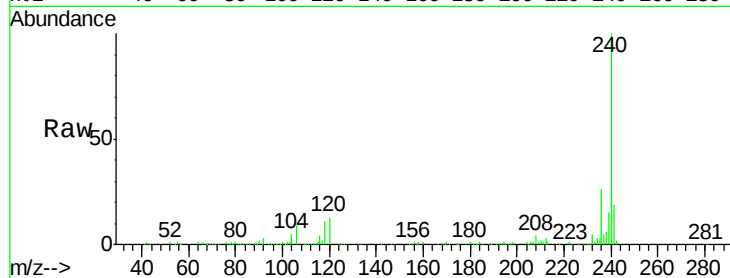
Tot Ion:240 Resp: 227250

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

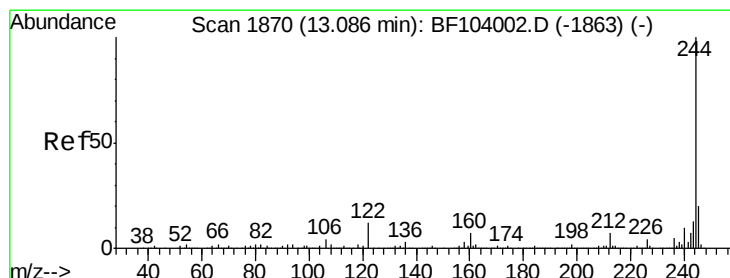
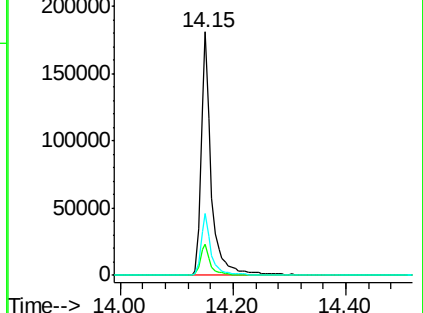
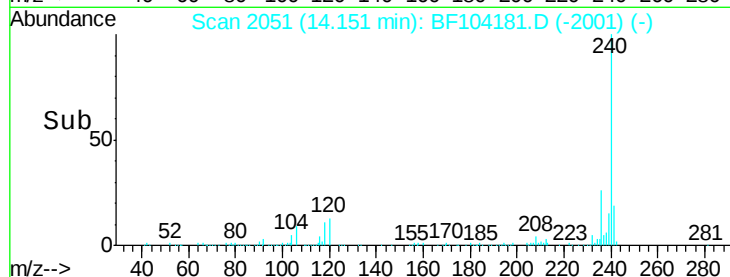
236 25.6 20.7 31.1



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: 98.055 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104181.D

Acq: 3 Apr 2018 14:49

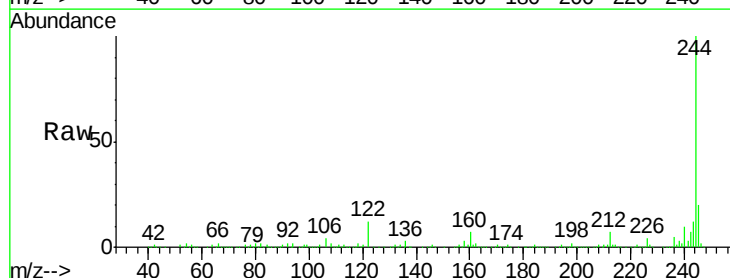
Tgt Ion:244 Resp: 965070

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

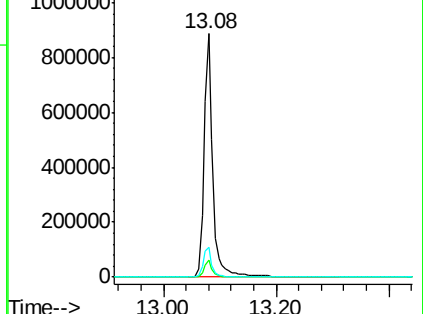
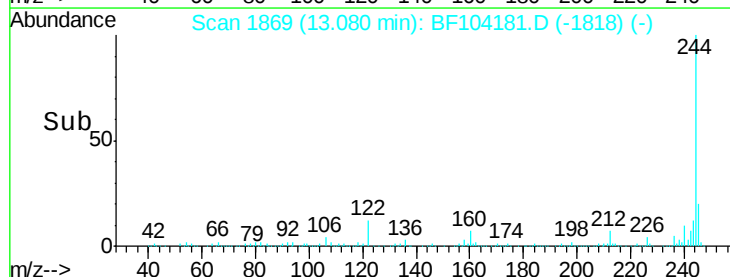
122 12.2 11.0 16.4

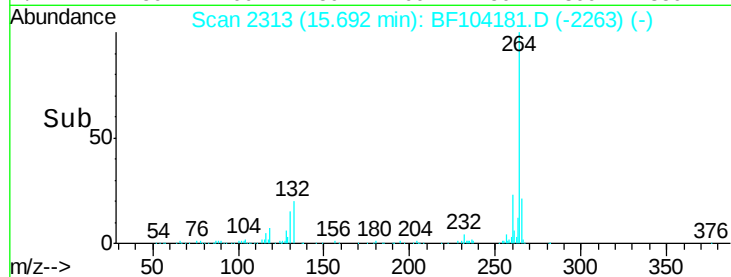
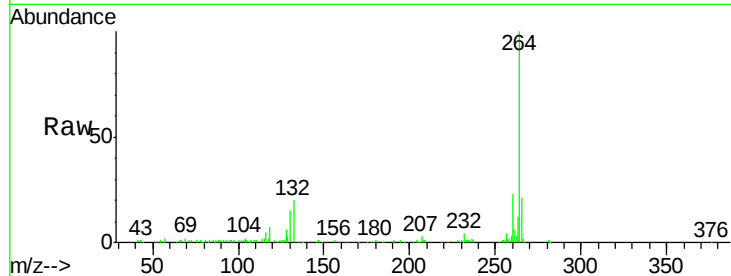
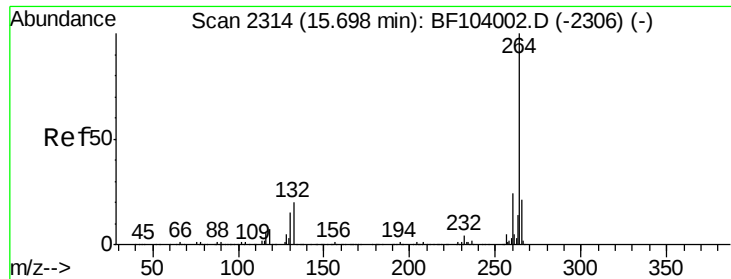


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2313
Delta R.T. -0.01 min
Lab File: BF104181.D
Acq: 3 Apr 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.5	26.3

