

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104011.D
 Acq On : 28 Mar 2018 15:51
 Operator : JU/SJ
 Sample : PB107735BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 16:51:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112040	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	482670	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	235365	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	471479	20.00	ng	0.00
75) Chrysene-d12	14.17	240	433956	20.00	ng	0.02
86) Perylene-d12	15.75	264	371009	20.00	ng	0.05

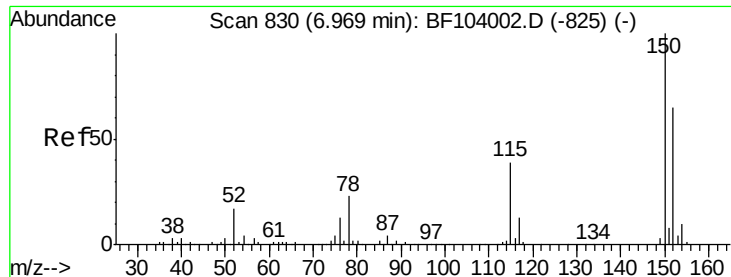
System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	886340	126.16	ng	0.00
7) Phenol-d6	6.60	99	1133560	131.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	673388	85.32	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	325626	124.25	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1306129	87.51	ng	0.00
78) Terphenyl-d14	13.09	244	1434853	76.34	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.73	93	984	0.095	ng	# 1
9) Benzaldehyde	6.74	77	18898	2.823	ng	# 86
10) Phenol	6.73	94	1391	0.145	ng	# 1
11) bis(2-Chloroethyl)ether	6.73	93	984	0.119	ng	# 1
15) Benzyl Alcohol	7.12	79	10837	1.928	ng	# 46
18) Hexachloroethane	7.32	117	233	0.075	ng	# 2
19) n-Nitroso-di-n-propylamine	7.53	70	83885	16.353	ng	# 71
24) Nitrobenzene	7.53	77	1523	0.183	ng	# 28
25) Isophorone	7.53	82	673388	46.296	ng	# 64
45) 1,1'-Biphenyl	9.42	154	3283	0.163	ng	# 92
47) 2-Nitroaniline	9.32	65	1782	0.392	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	29401	7.354	ng	# 26
51) Acenaphthene	10.00	154	531	0.038	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	29401	5.763	ng	# 23
57) Fluorene	10.80	166	13804	0.821	ng	# 90
59) Diethylphthalate	10.40	149	409	0.023	ng	# 61
62) Azobenzene	10.80	77	1254	0.078	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	517	0.181	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	9133	0.572	ng	# 40
66) 4-Bromophenyl-phenylether	10.80	248	18933	3.753	ng	# 1
73) Di-n-butylphthalate	12.04	149	1501	0.050	ng	# 78
76) Benzidine	13.09	184	18493	1.495	ng	# 96
77) Pyrene	13.09	202	4762	0.153	ng	# 64
80) Benzo(a)anthracene	14.17	228	972	0.036	ng	# 57
82) Chrysene	14.17	228	972	0.037	ng	# 56
83) Bis(2-ethylhexyl)phthalate	14.13	149	625	0.033	ng	# 60
84) Di-n-octyl phthalate	14.80	149	113	0.003	ng	# 1
87) Benzo(b)fluoranthene	15.29	252	107	0.005	ng	# 60
88) Benzo(k)fluoranthene	15.29	252	107	0.005	ng	# 59
89) Benzo(a)pyrene	15.74	252	973	0.047	ng	# 26

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

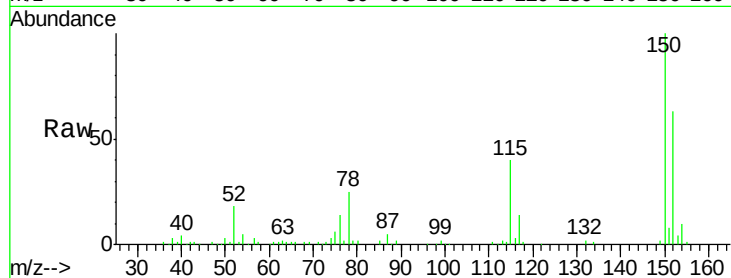


#1

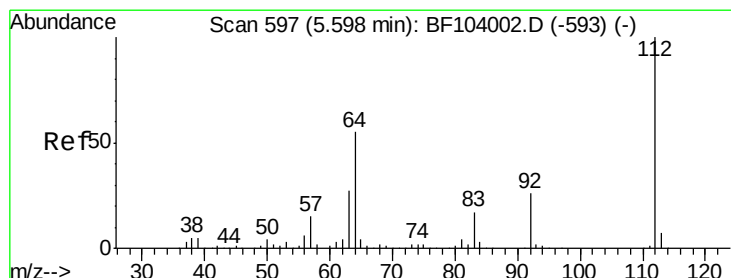
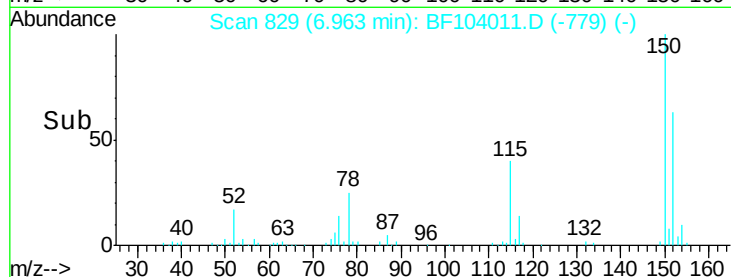
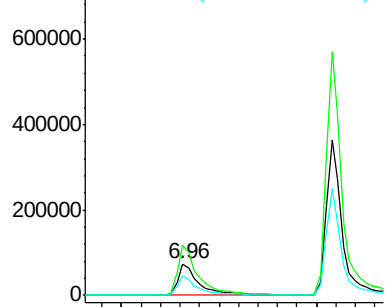
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112040
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 63.2 50.1 75.1



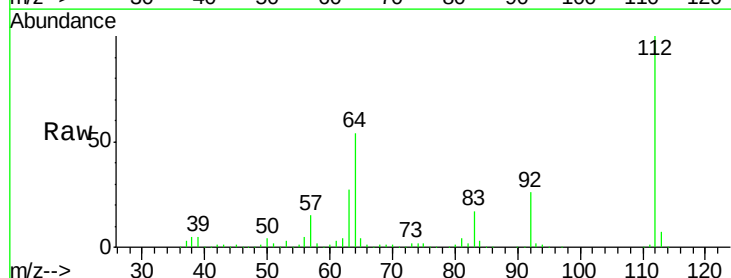
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



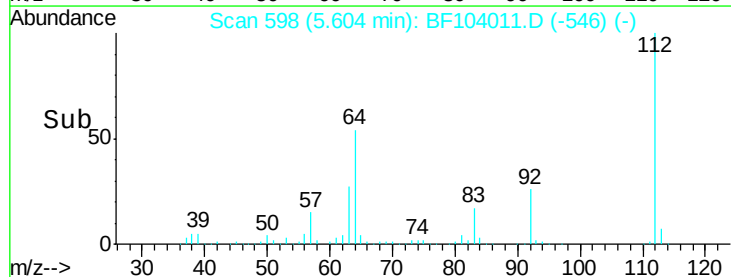
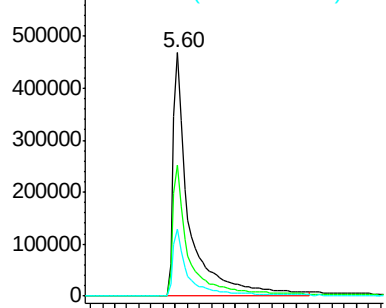
#5

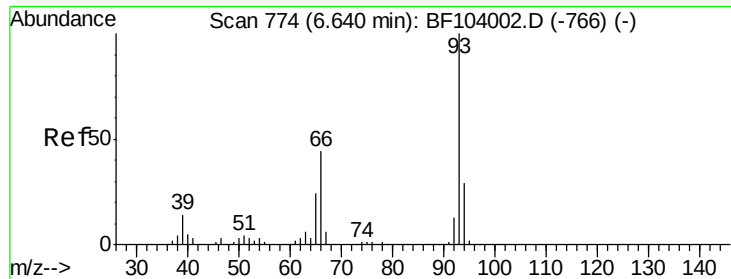
2-Fluorophenol
Concen: 126.159 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:112 Resp: 886340
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 27.3 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





#6

Aniline

Concen: 0.095 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.09 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

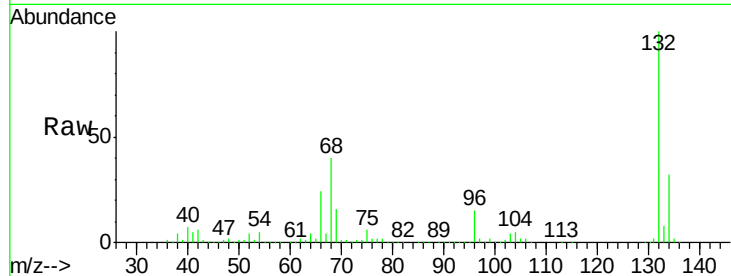
Tot Ion: 93 Resp: 984

Ion Ratio Lower Upper

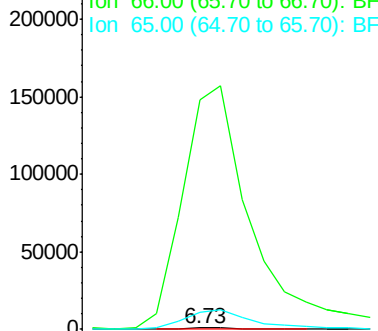
93 100

66 15771.7 32.2 48.2#

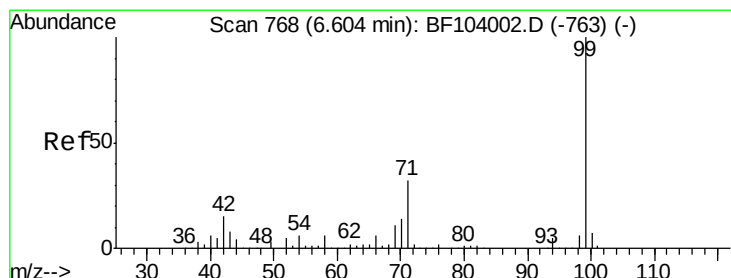
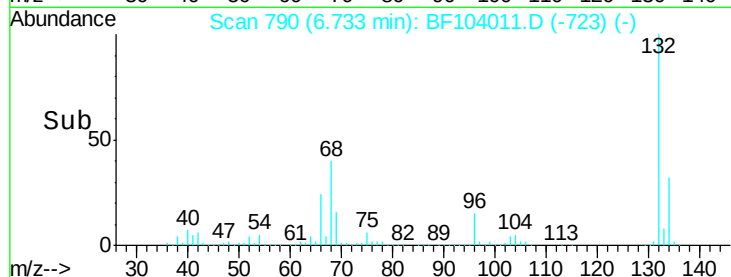
65 1191.1 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->



#7

Phenol-d6

Concen: 131.145 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

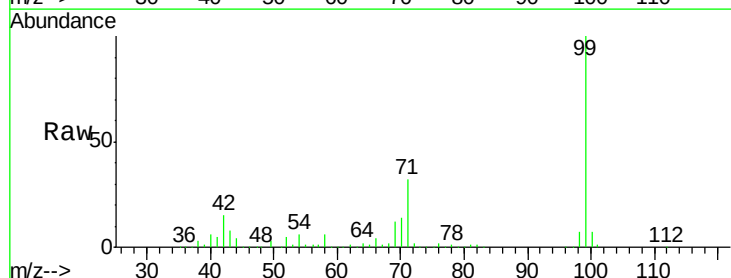
Tgt Ion: 99 Resp: 1133560

Ion Ratio Lower Upper

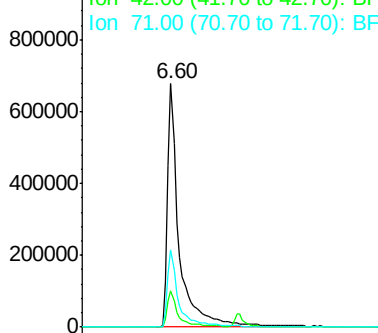
99 100

42 15.0 14.5 21.7

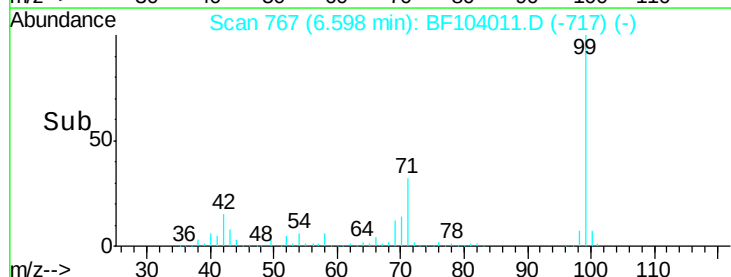
71 31.8 25.4 38.0

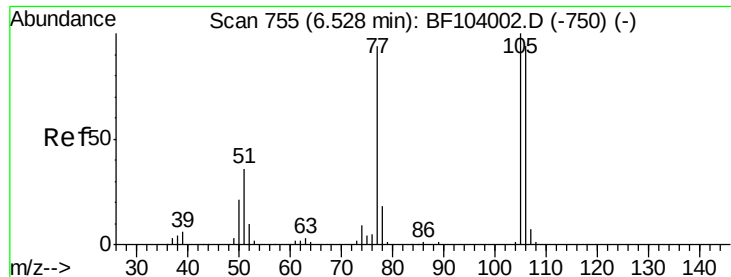


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 2.823 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

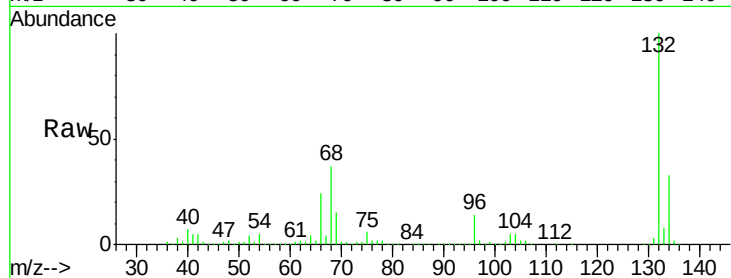
Tot Ion: 77 Resp: 18898

Ion Ratio Lower Upper

77 100

105 85.9 81.1 121.1

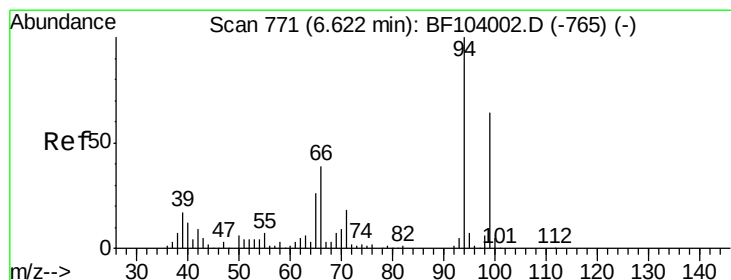
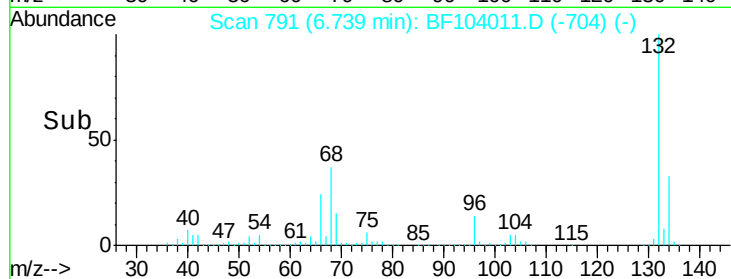
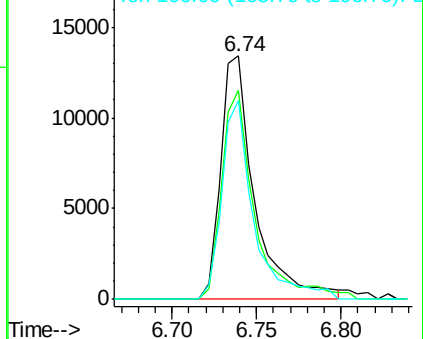
106 81.7 74.5 114.5



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: 0.145 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.11 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

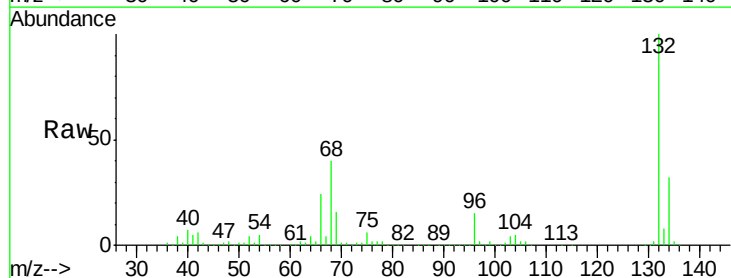
Tgt Ion: 94 Resp: 1391

Ion Ratio Lower Upper

94 100

65 959.2 7.9 47.9#

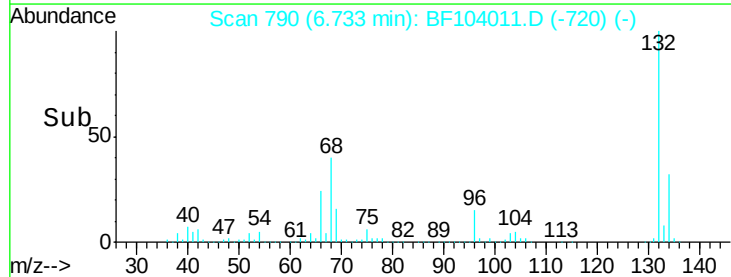
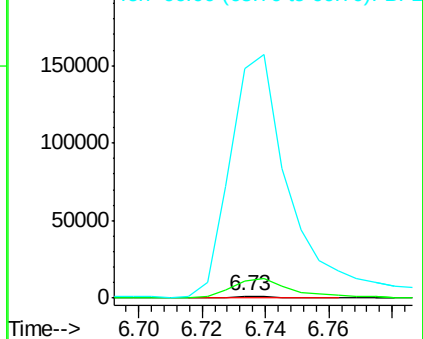
66 12701.2 16.2 56.2#

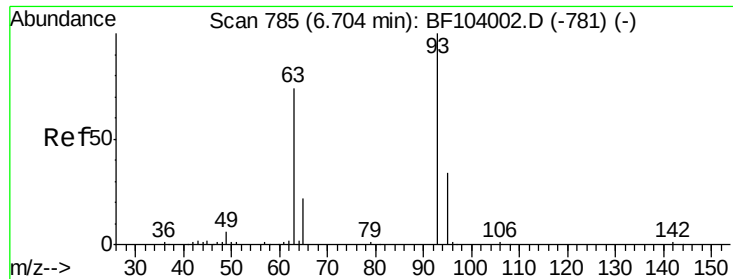


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

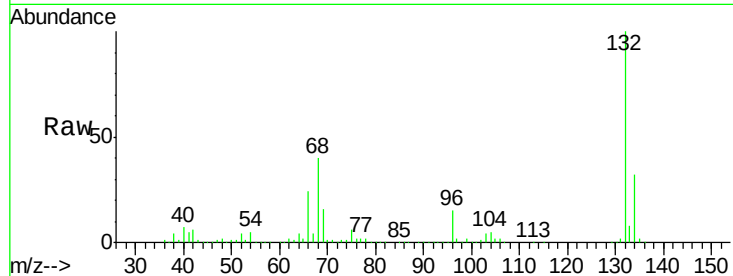




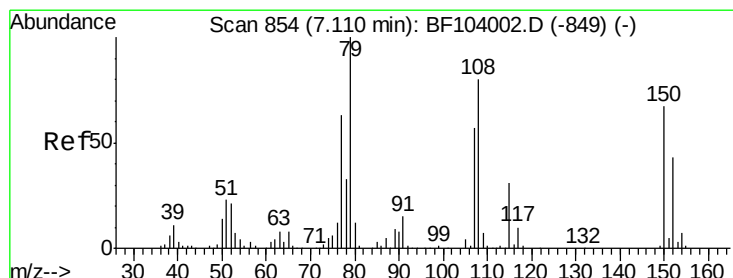
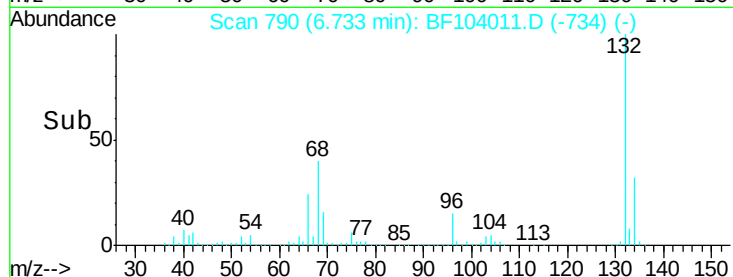
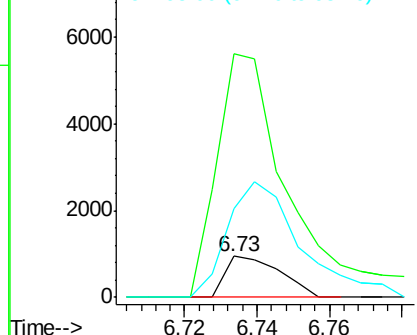
#11
bis(2-Chloroethyl)ether
Concen: 0.119 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.03 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 984
Ion Ratio Lower Upper
93 100
63 597.3 58.6 98.6#
95 218.8 11.8 51.8#

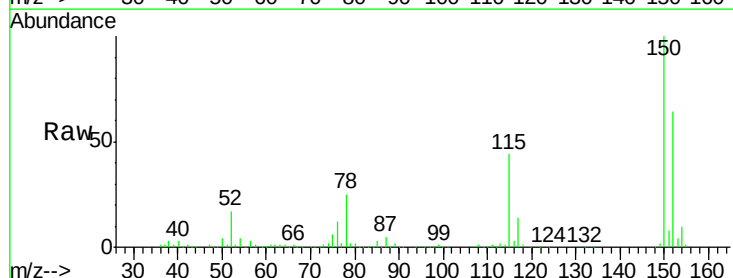


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

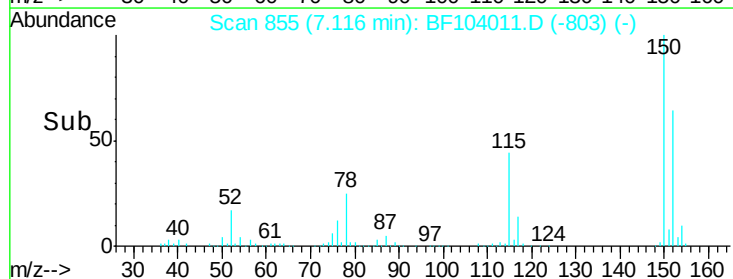
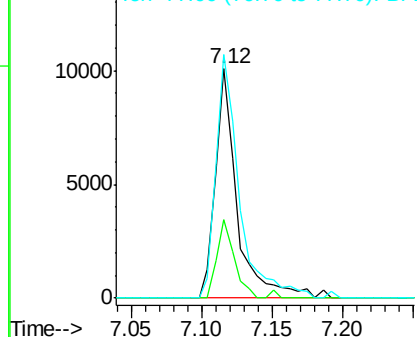


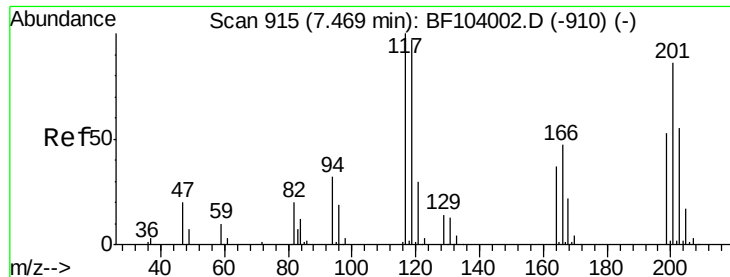
#15
Benzyl Alcohol
Concen: 1.928 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion: 79 Resp: 10837
Ion Ratio Lower Upper
79 100
108 34.2 65.1 97.7#
77 106.3 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

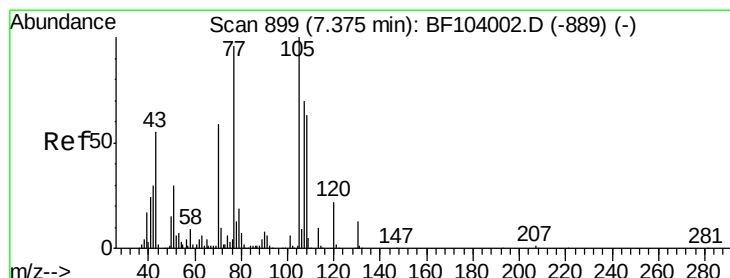
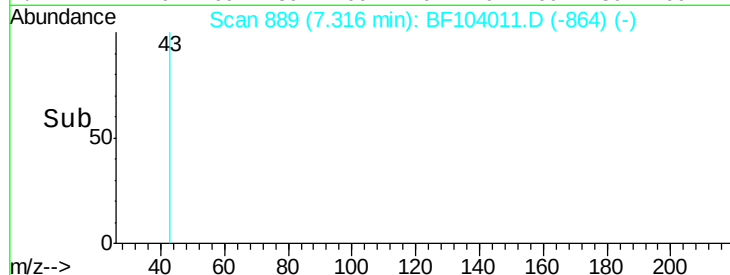
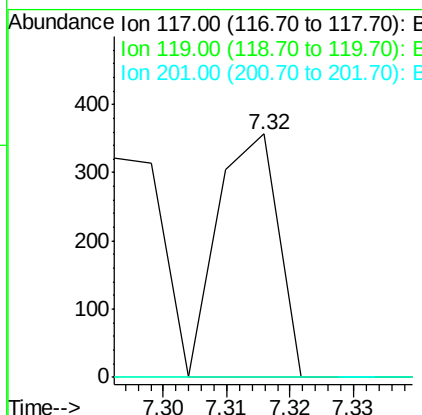
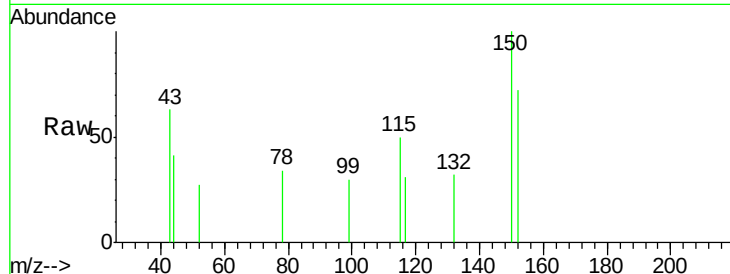




#18
Hexachloroethane
Concen: 0.075 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.15 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

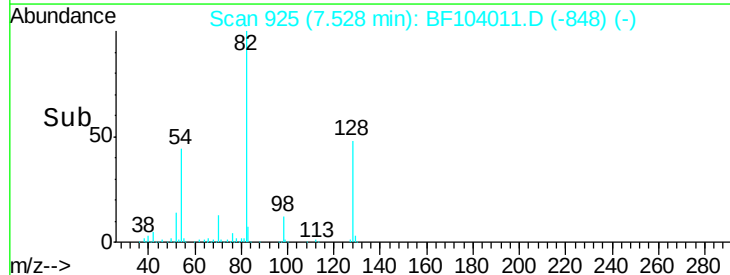
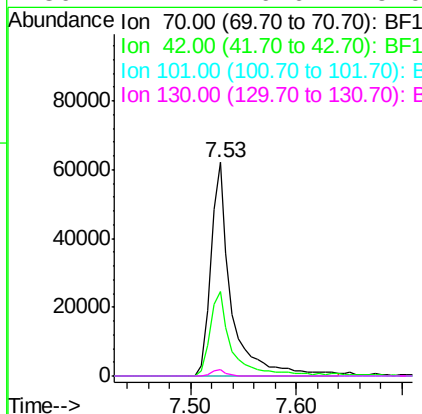
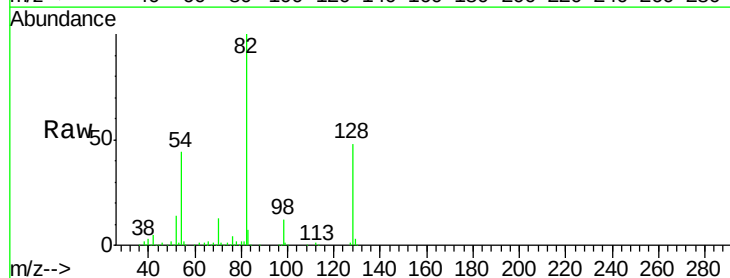
Instrument :
BNA_F
ClientSampleId :

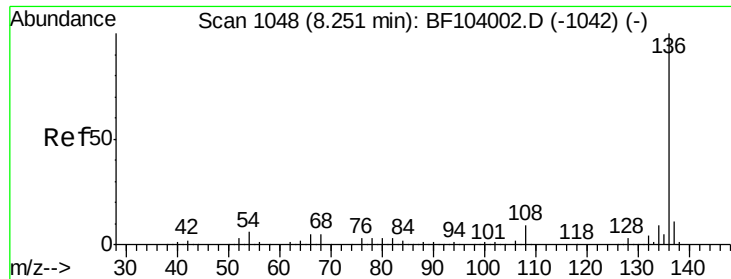
Tot Ion:117 Resp: 233
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.353 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion: 70 Resp: 83885
Ion Ratio Lower Upper
70 100
42 39.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#

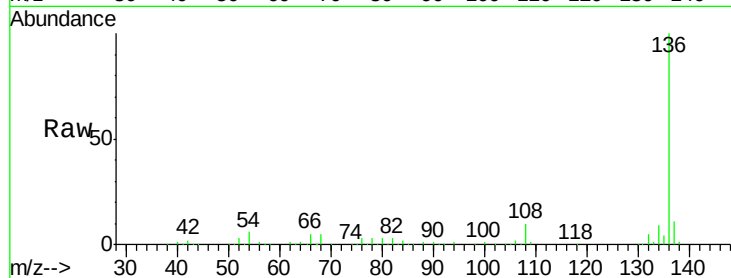




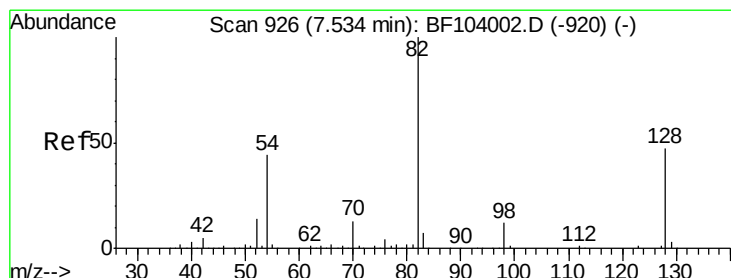
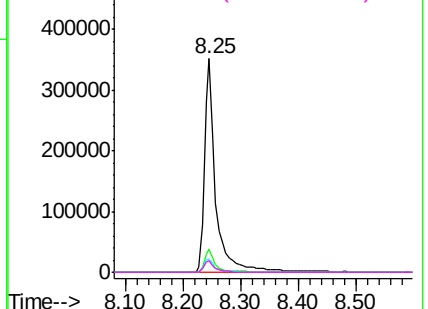
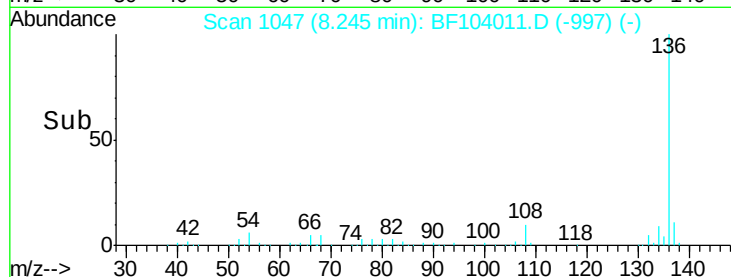
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	482670
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4

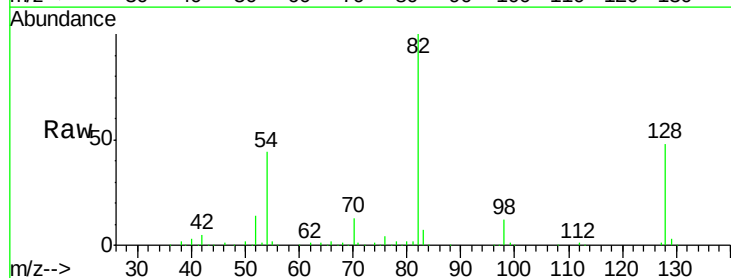


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

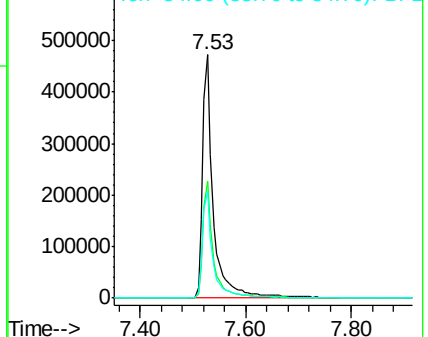
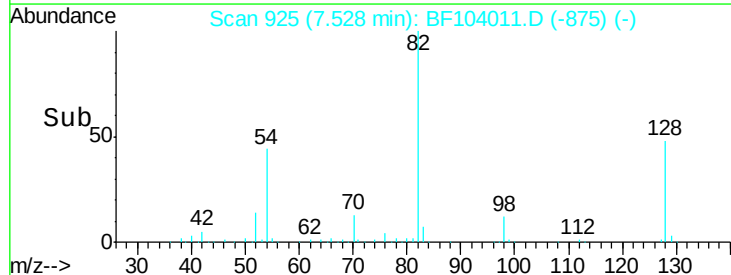


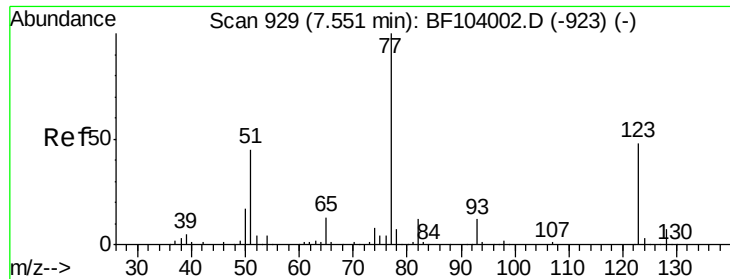
#23
Nitrobenzene-d5
Concen: 85.320 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:	82	Resp:	673388
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	43.8	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





#24

Nitrobenzene

Concen: 0.183 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

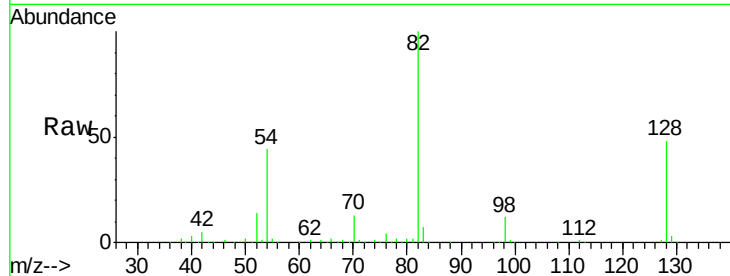
Tot Ion: 77 Resp: 1523

Ion Ratio Lower Upper

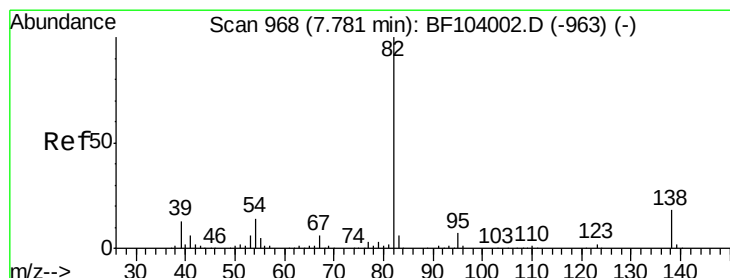
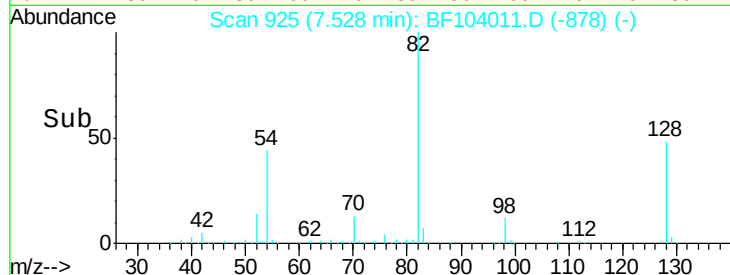
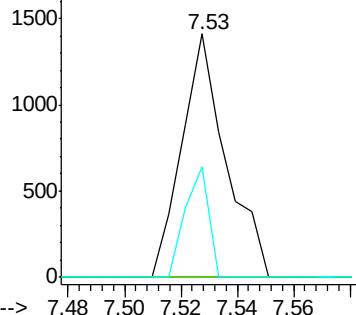
77 100

123 0.0 37.9 56.9#

65 45.4 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 46.296 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

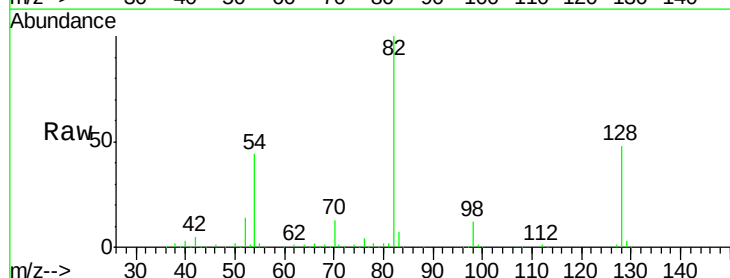
Tgt Ion: 82 Resp: 673388

Ion Ratio Lower Upper

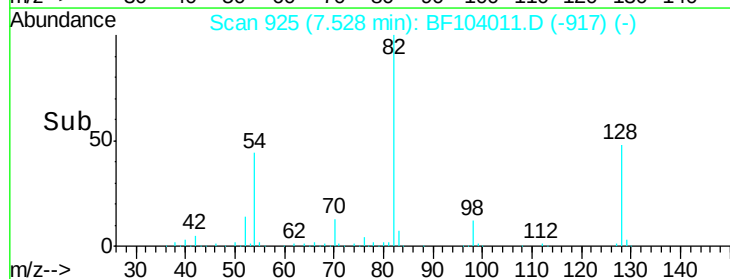
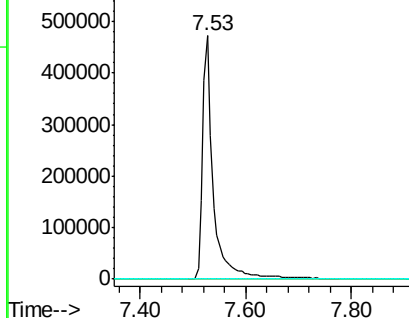
82 100

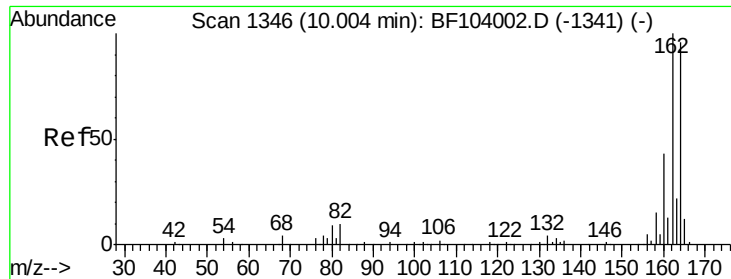
95 0.0 5.2 7.8#

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: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

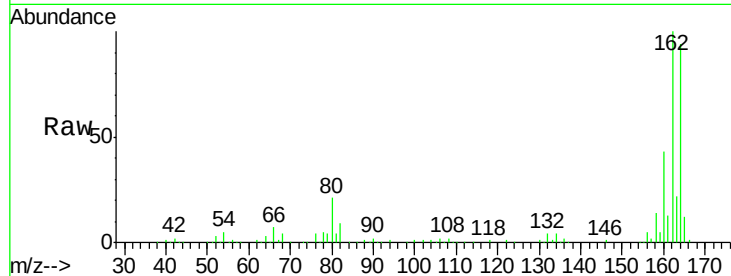
Tot Ion:164 Resp: 235365

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

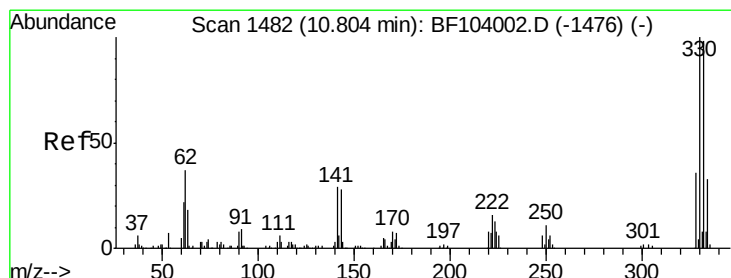
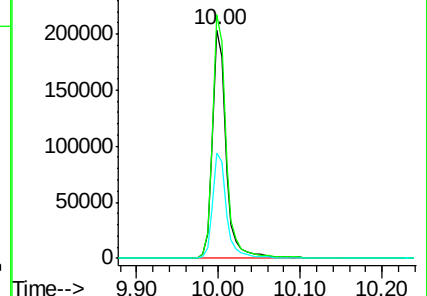
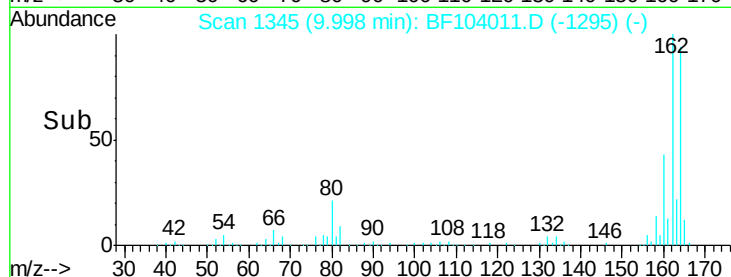
160 46.0 38.3 57.5



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: 124.247 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

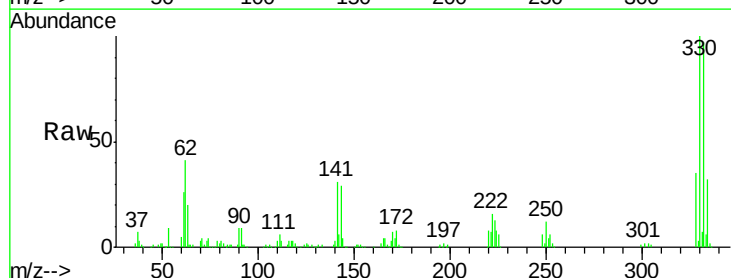
Tgt Ion:330 Resp: 325626

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

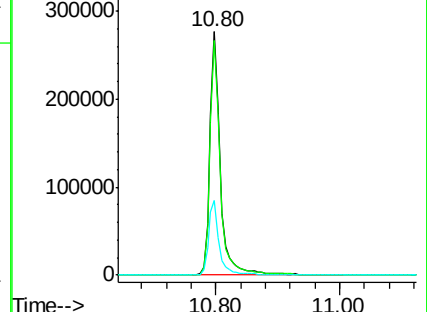
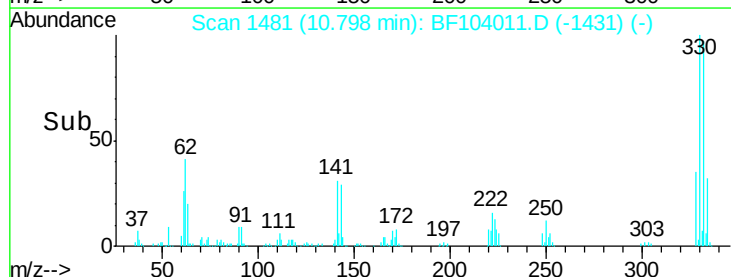
141 31.9 29.9 44.9

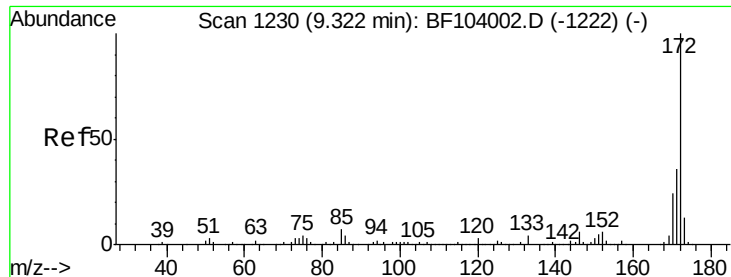


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

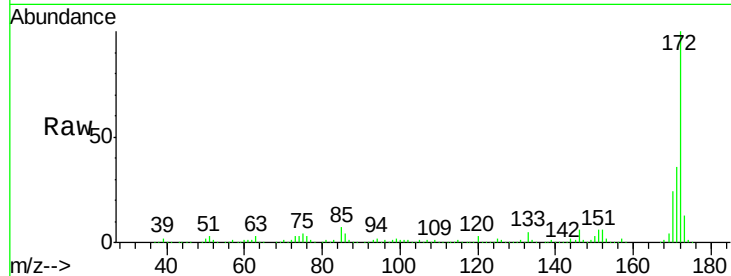




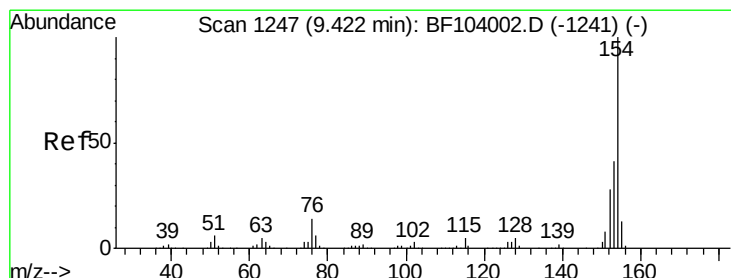
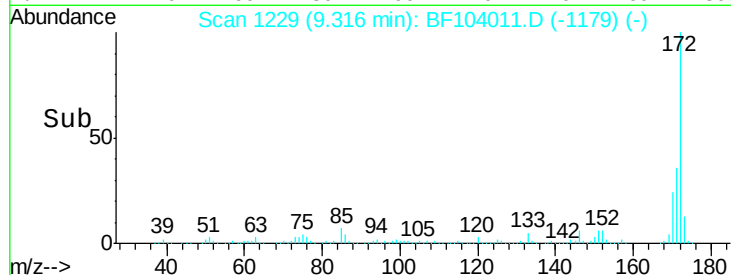
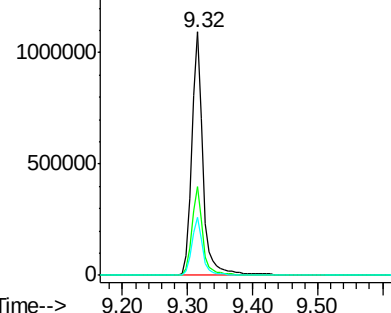
#44
2-Fluorobiphenyl
Concen: 87.509 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1306129
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.9 19.6 29.4

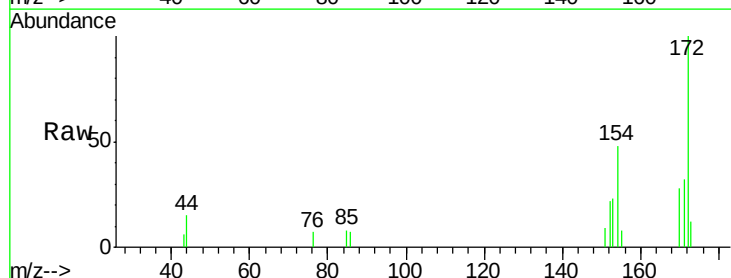


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

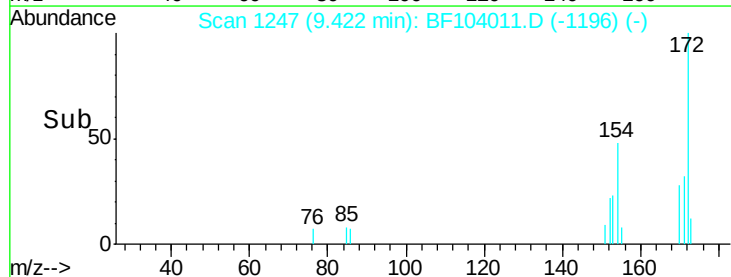
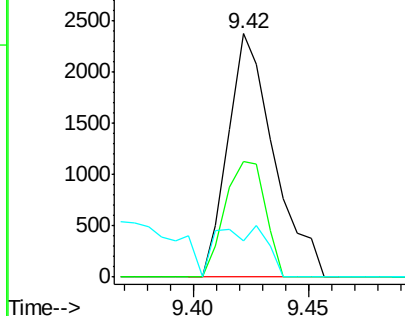


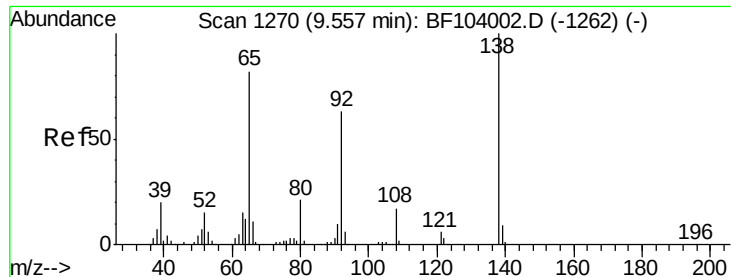
#45
1,1'-Biphenyl
Concen: 0.163 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:154 Resp: 3283
Ion Ratio Lower Upper
154 100
153 47.4 21.3 61.3
76 14.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

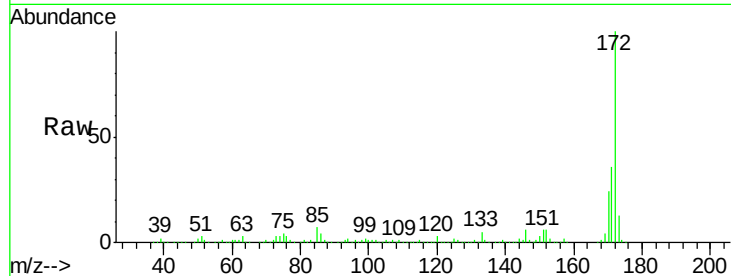




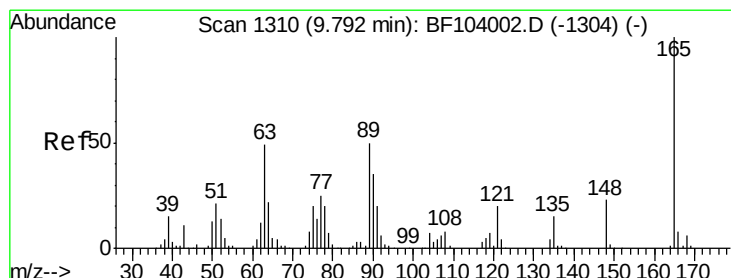
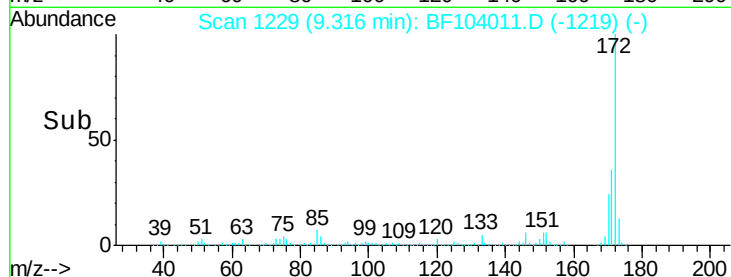
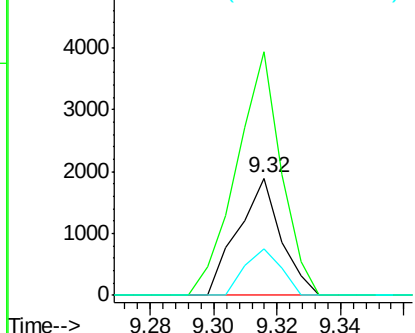
#47
2-Nitroaniline
Concen: 0.392 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.24 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 1782
Ion Ratio Lower Upper
65 100
92 207.5 55.8 83.6#
138 39.9 91.2 136.8#

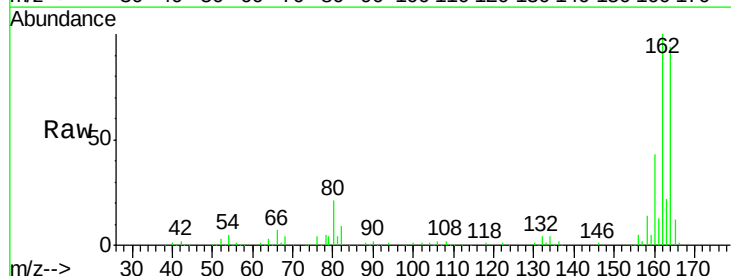


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

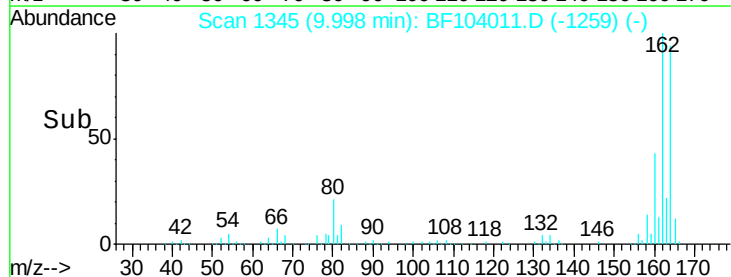
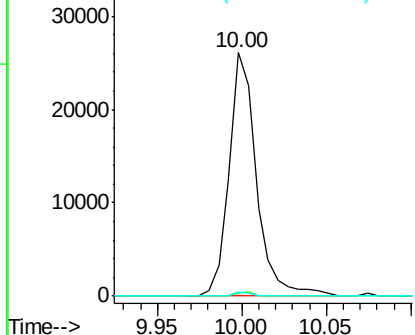


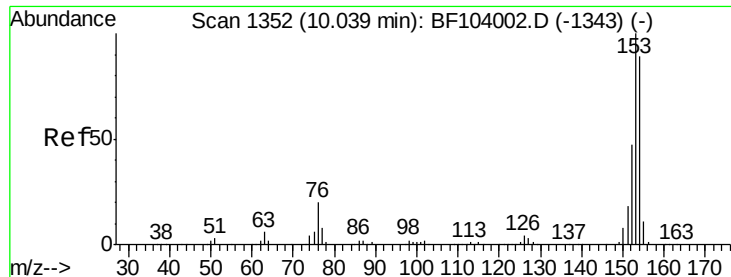
#50
2,6-Dinitrotoluene
Concen: 7.354 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.21 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:165 Resp: 29401
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.9 44.0 66.0#



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





#51

Acenaphthene

Concen: 0.038 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.04 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampled :

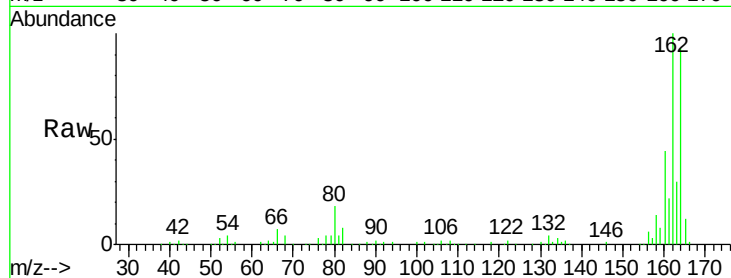
Tot Ion:154 Resp: 531

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

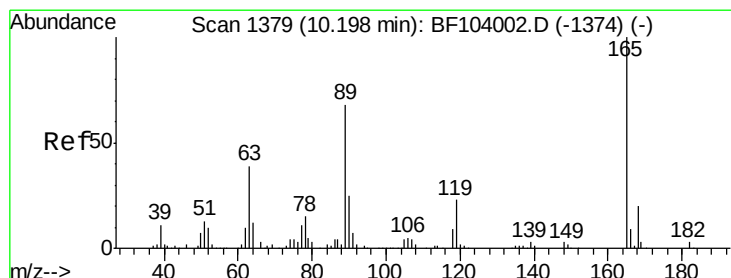
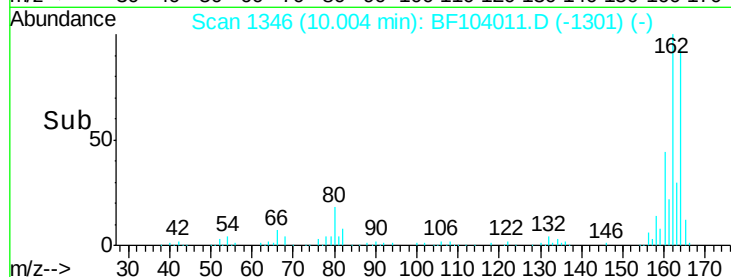
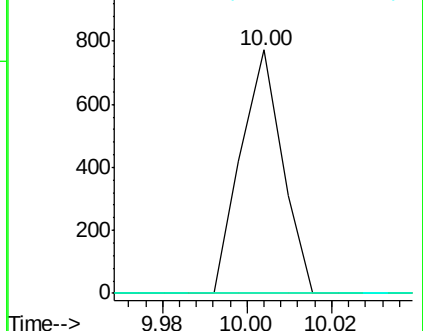
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.763 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.20 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Tgt Ion:165 Resp: 29401

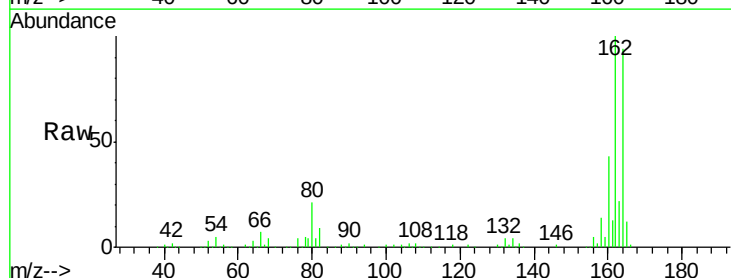
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

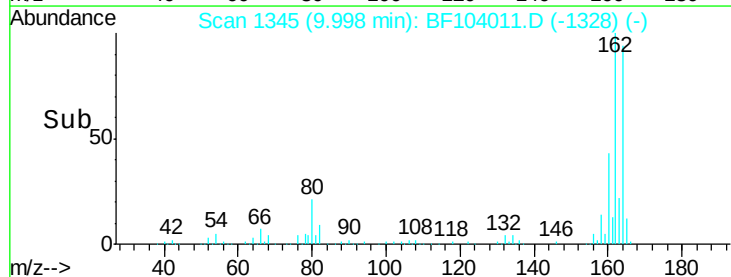
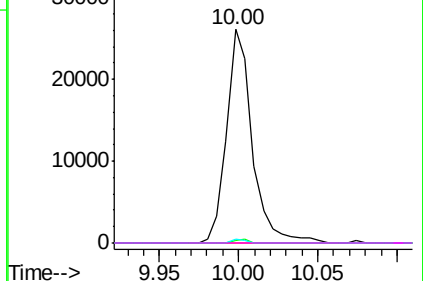


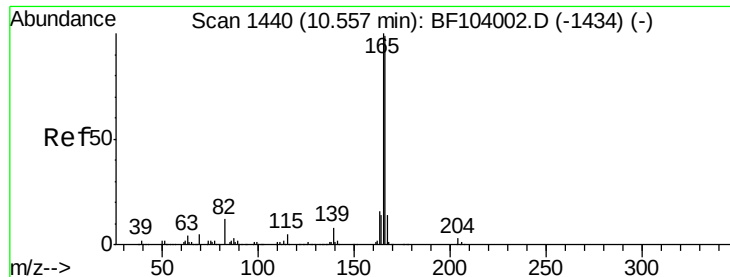
Abundance Ion 165.00 (164.70 to 165.70): E

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

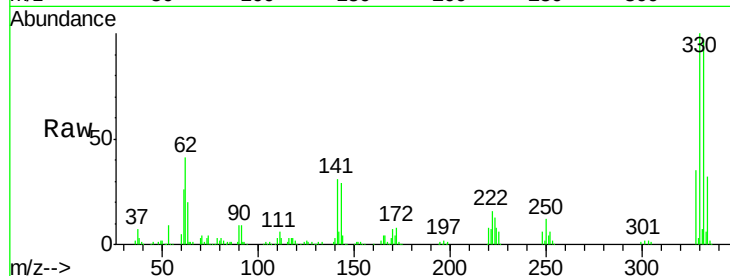




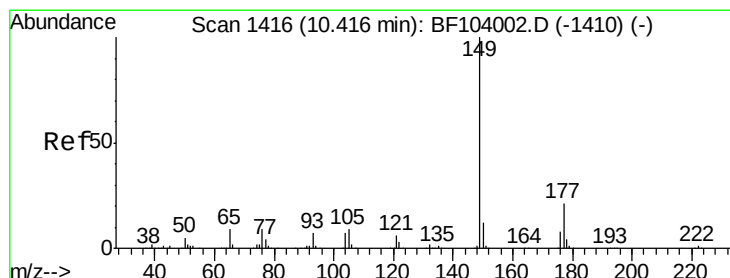
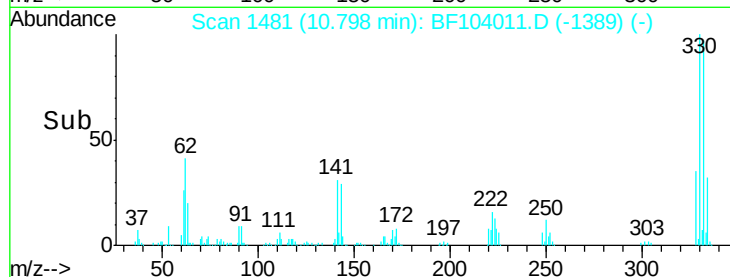
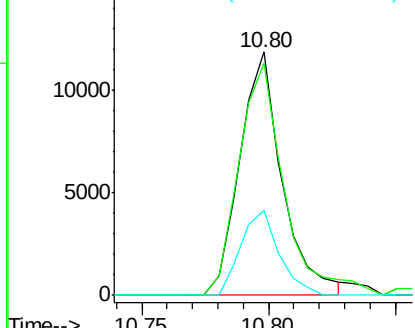
#57
 Fluorene
 Concen: 0.821 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.24 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.2	79.8	119.8
167	34.6	10.6	16.0

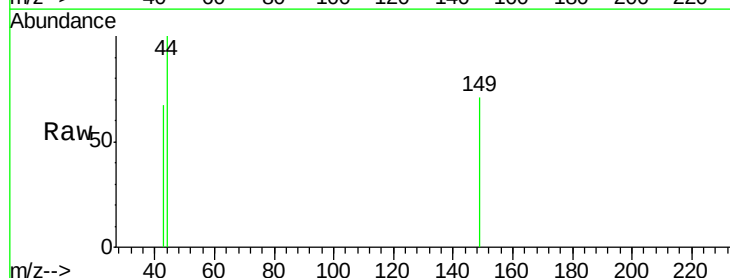


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

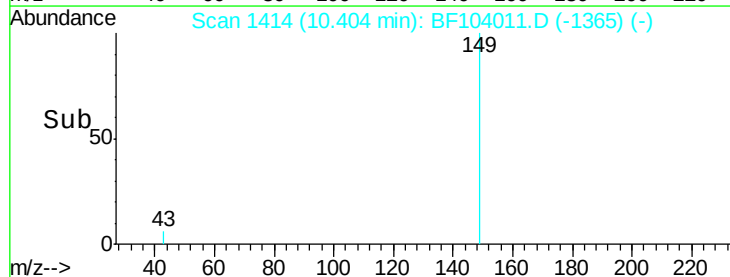
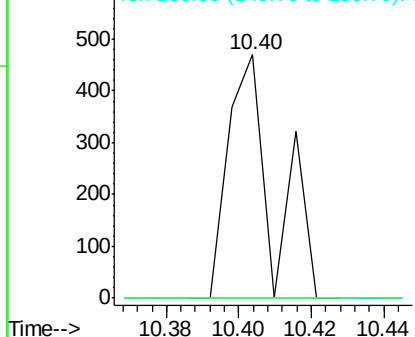


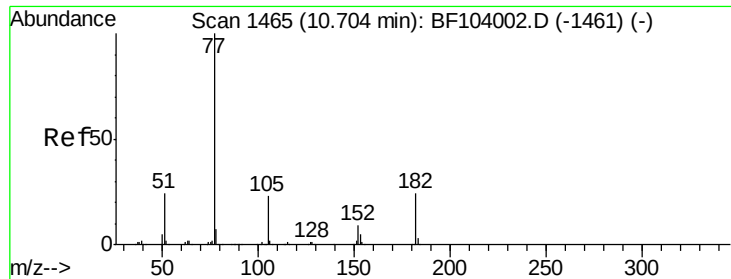
#59
 Diethylphthalate
 Concen: 0.023 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.1	24.1
150	0.0	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.078 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.09 min

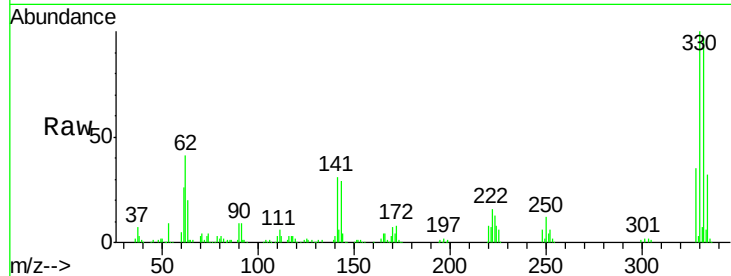
Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :



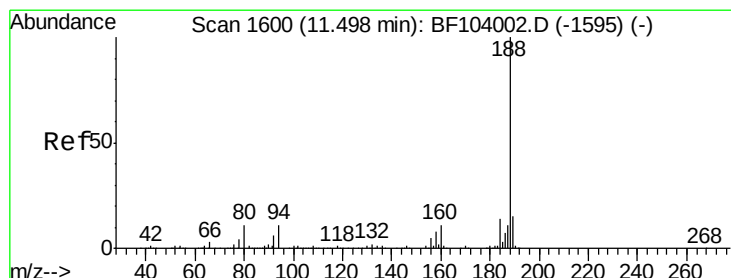
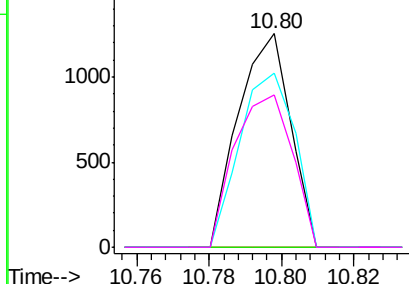
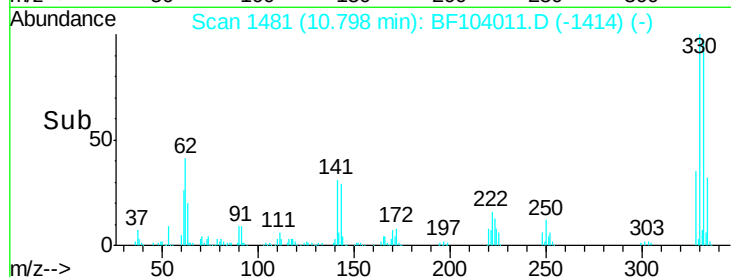
Tot Ion:	77	Resp:	1254
Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	81.4	3.0	43.0#
51	71.3	9.9	49.9#

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

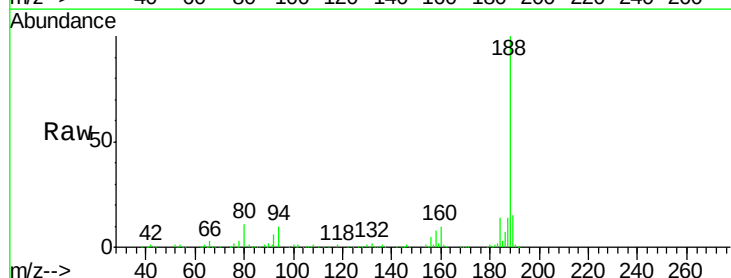
RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

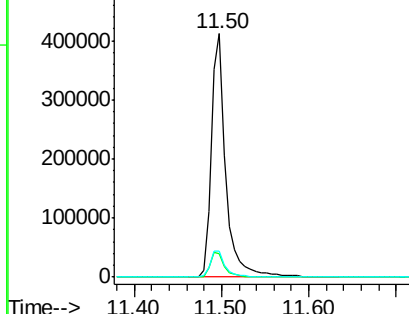
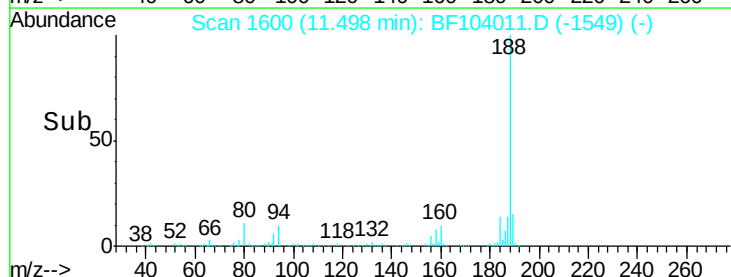
Tgt Ion:	188	Resp:	471479
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

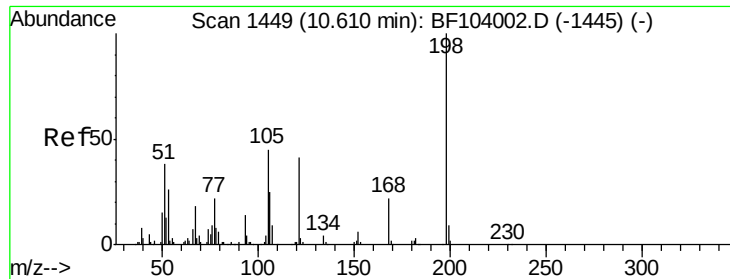


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

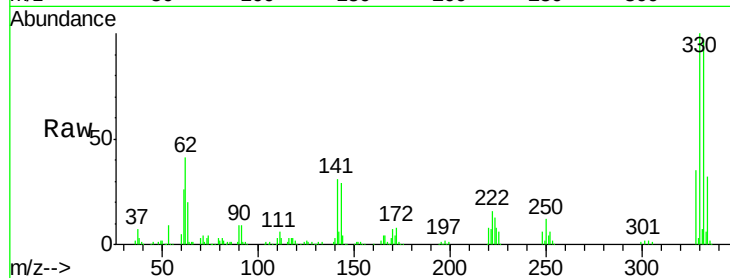




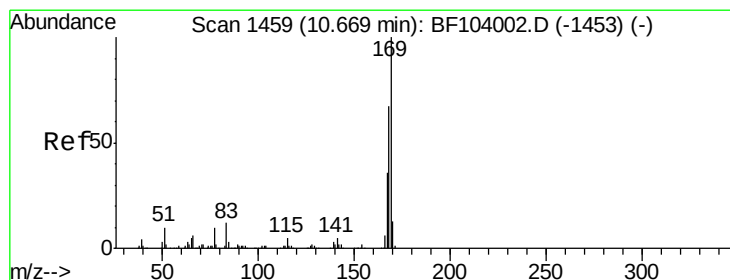
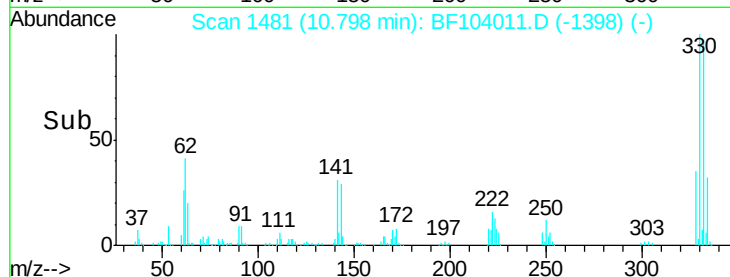
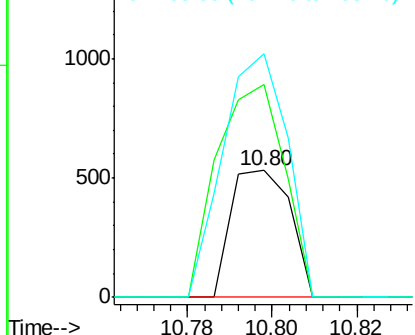
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.181 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.19 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 517
 Ion Ratio Lower Upper
 198 100
 51 168.5 37.7 77.7#
 105 192.3 36.3 76.3#

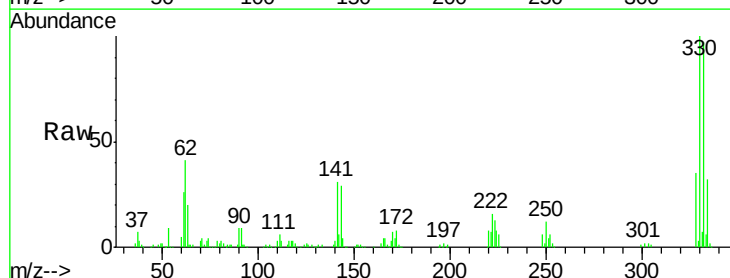


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

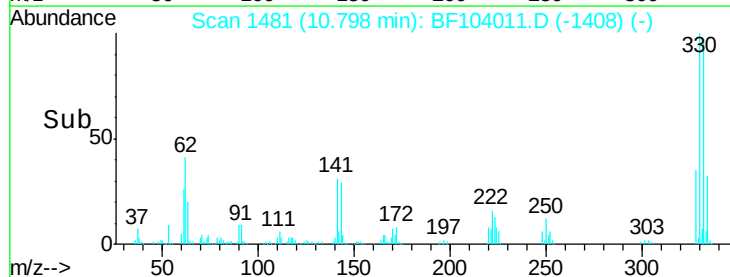
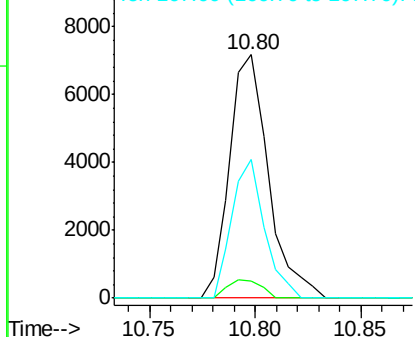


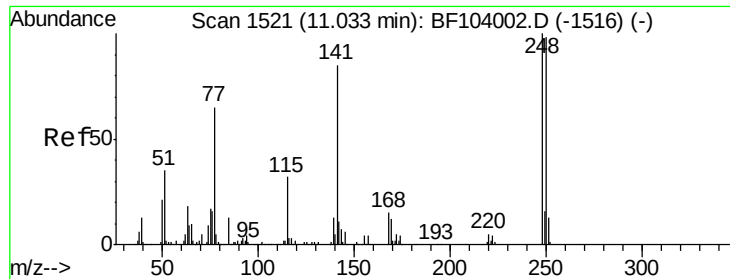
#65
 n-Nitrosodiphenylamine
 Concen: 0.572 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.13 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Tgt Ion:169 Resp: 9133
 Ion Ratio Lower Upper
 169 100
 168 7.2 54.4 81.6#
 167 57.2 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

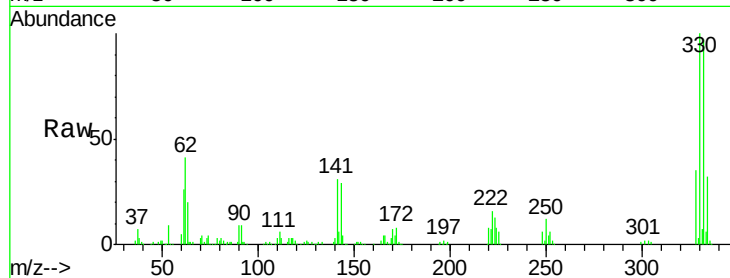




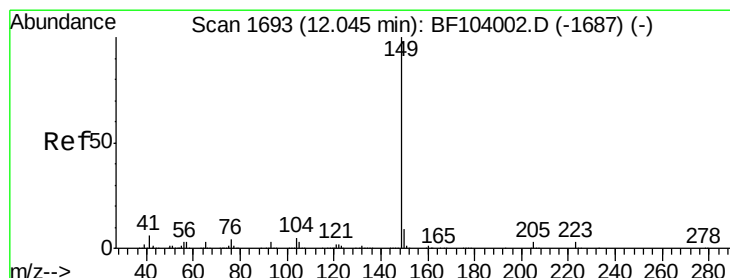
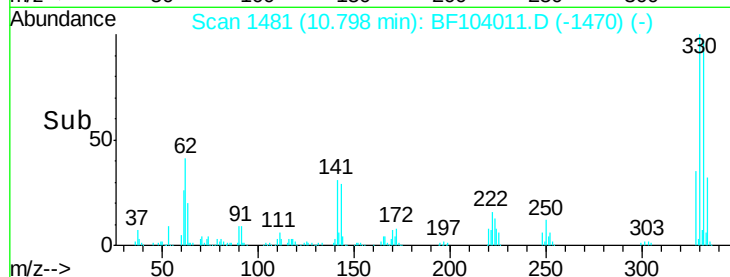
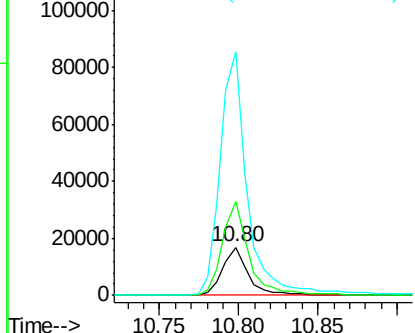
#66
 4-Bromophenyl-phenylether
 Concen: 3.753 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 18933
 Ion Ratio Lower Upper
 248 100
 250 196.0 76.9 115.3#
 141 508.0 74.4 111.6#

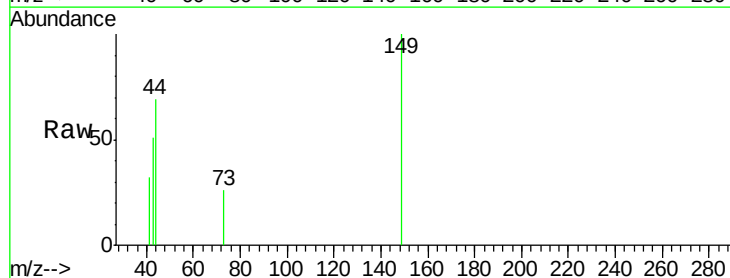


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

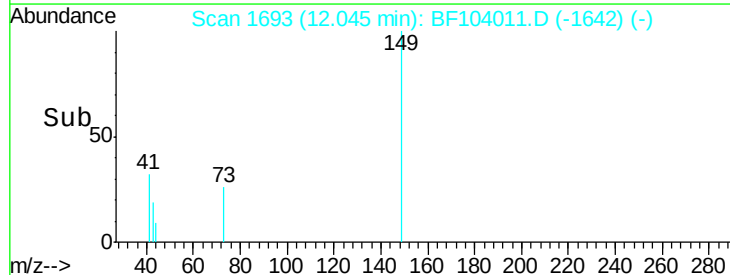
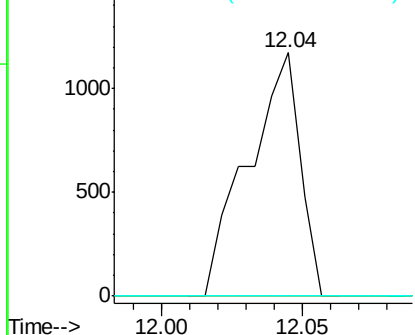


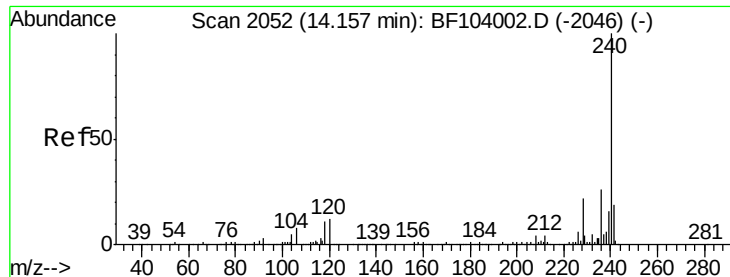
#73
 Di-n-butylphthalate
 Concen: 0.050 ng
 RT: 12.04 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Tgt Ion:149 Resp: 1501
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.02 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

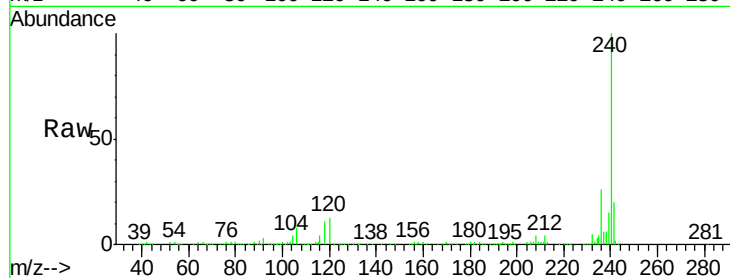
Tot Ion:240 Resp: 433956

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

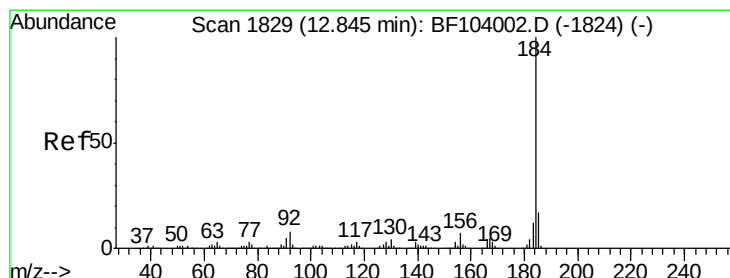
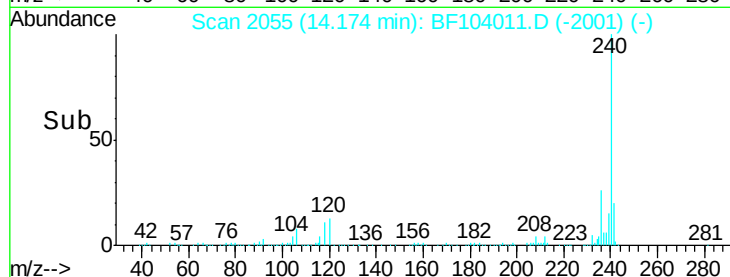
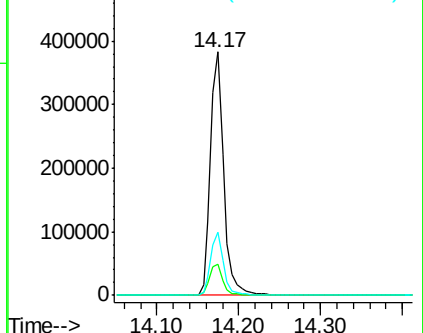
236 26.2 20.7 31.1



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



#76

Benzidine

Concen: 1.495 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.24 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

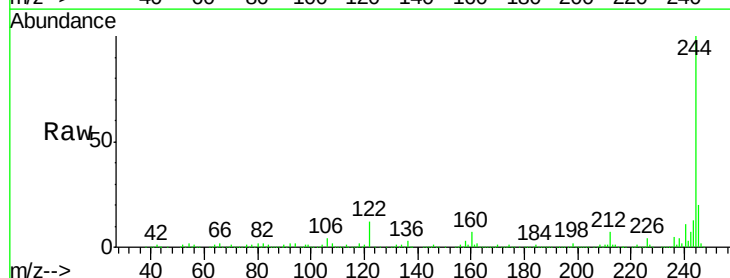
Tgt Ion:184 Resp: 18493

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

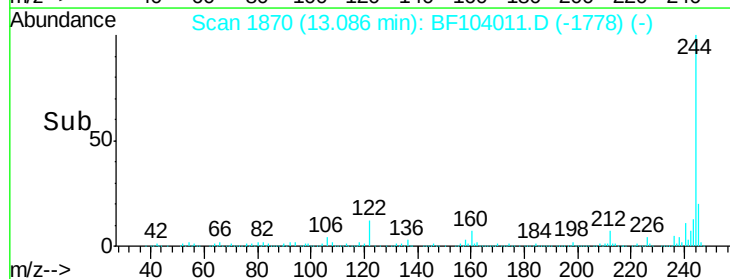
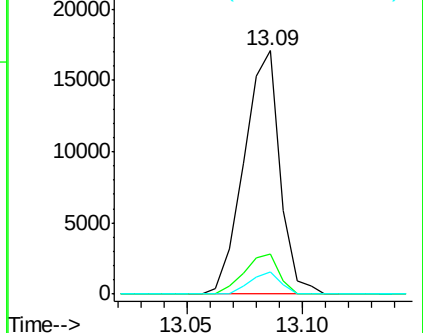
183 8.9 9.3 13.9#

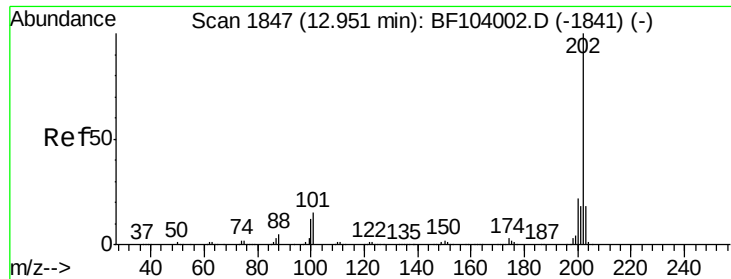


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.153 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.14 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

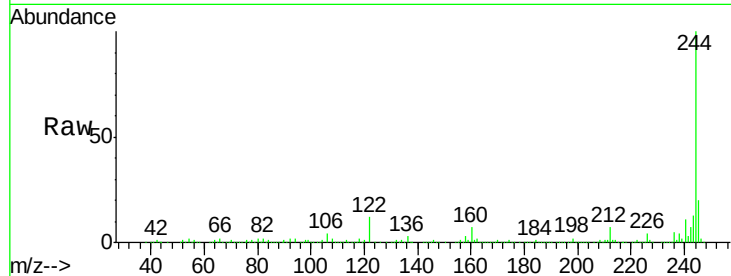
Tot Ion:202 Resp: 4762

Ion Ratio Lower Upper

202 100

200 50.1 17.4 26.2#

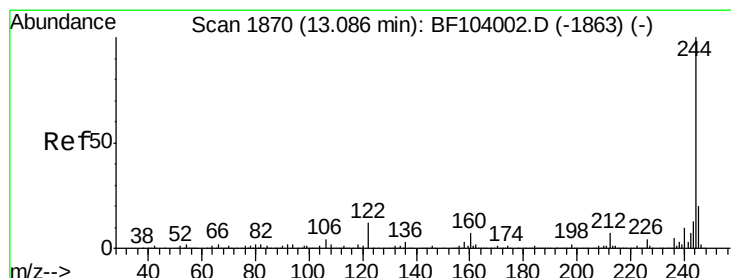
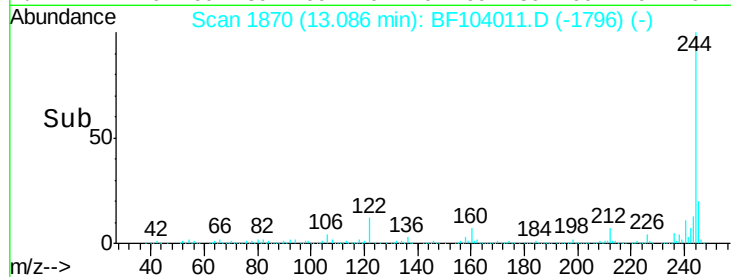
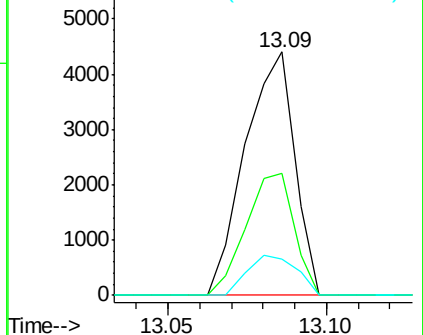
203 15.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.344 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

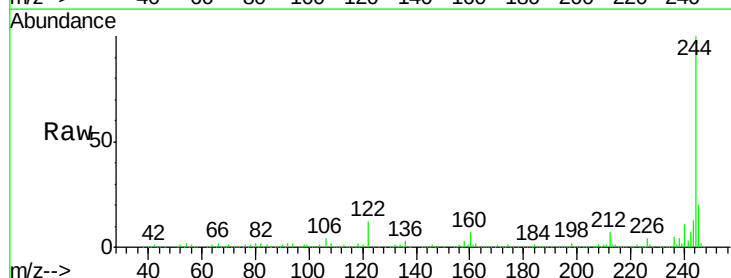
Tgt Ion:244 Resp: 1434853

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

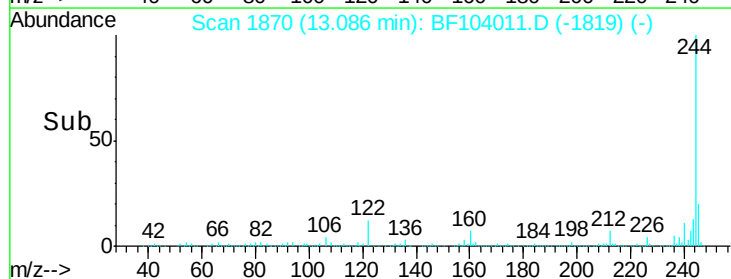
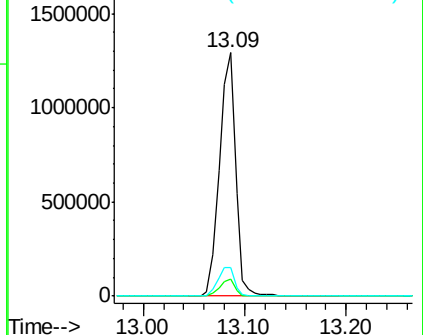
122 11.8 11.0 16.4

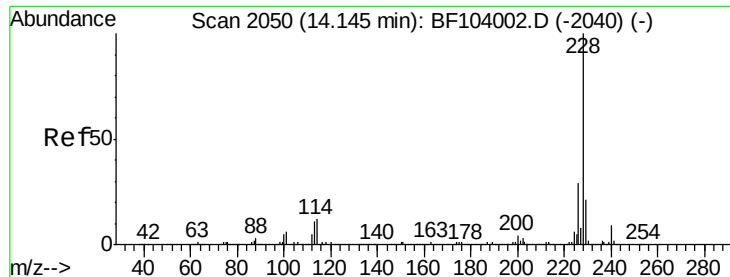


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.036 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.03 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampled :

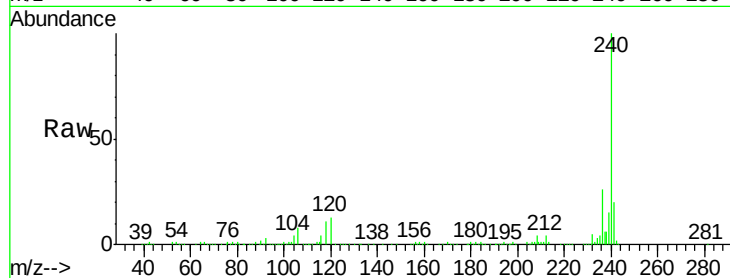
Tot Ion:228 Resp: 972

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

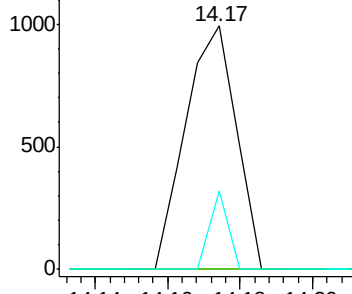
229 32.0 15.8 23.6#



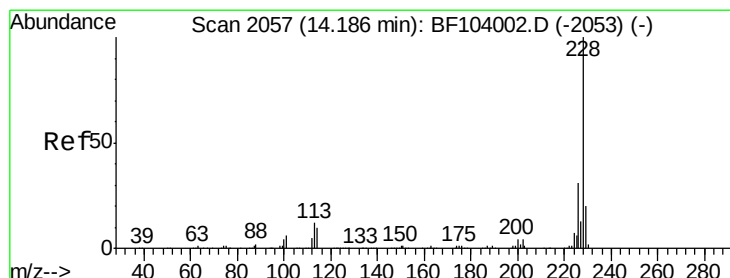
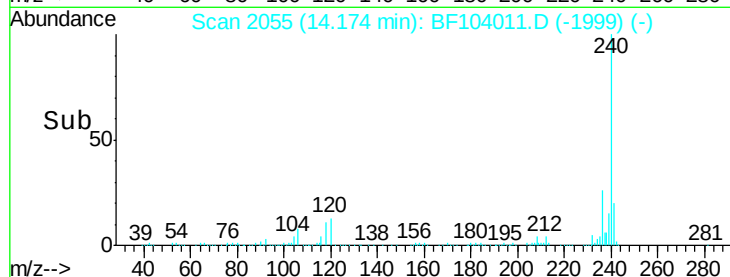
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.037 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

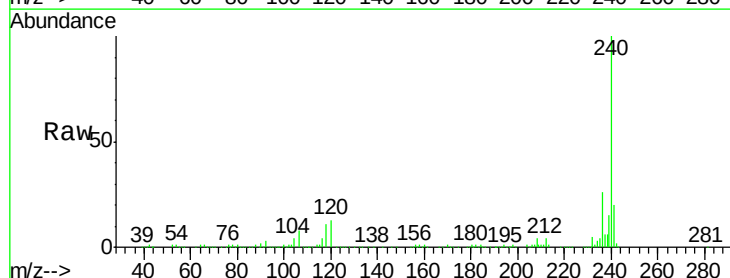
Tgt Ion:228 Resp: 972

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

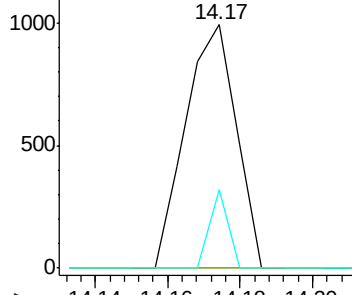
229 32.0 16.2 24.4#



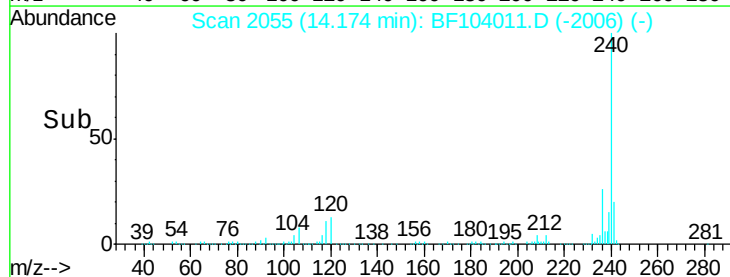
Abundance Ion 228.00 (227.70 to 228.70): E

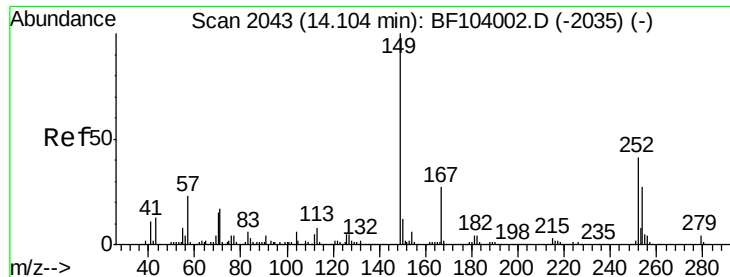
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.033 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.02 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

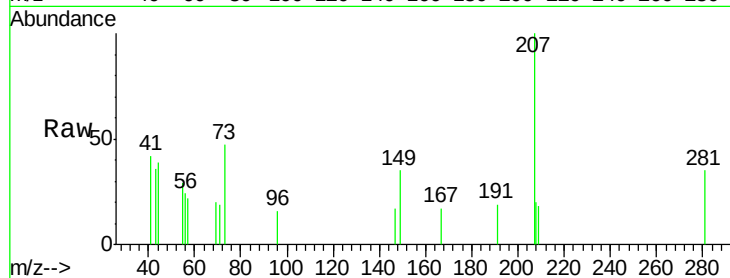
Tot Ion:149 Resp: 625

Ion Ratio Lower Upper

149 100

167 49.2 21.3 31.9#

279 0.0 3.0 4.4#

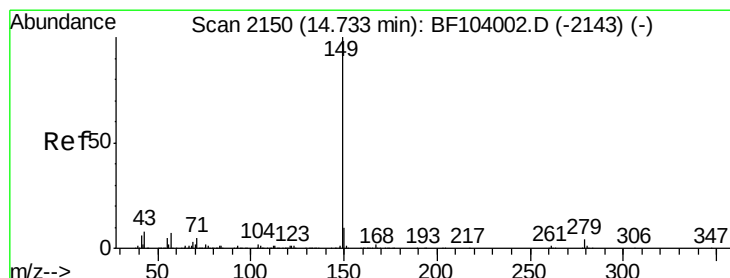
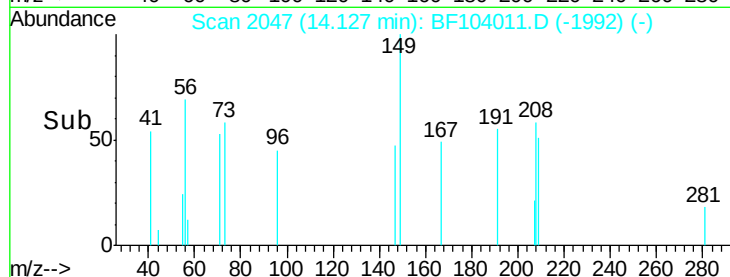


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time--> 14.10 14.12 14.14



#84

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 14.80 min Scan# 2162

Delta R.T. 0.07 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

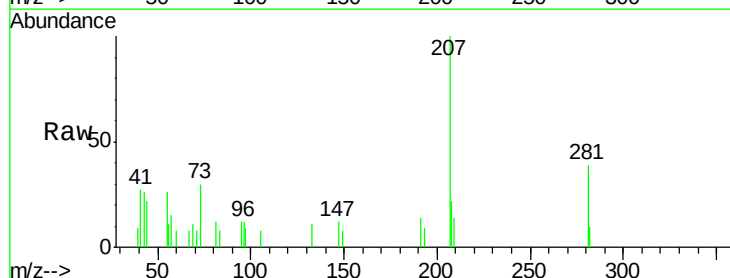
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 208.8 8.4 12.6#

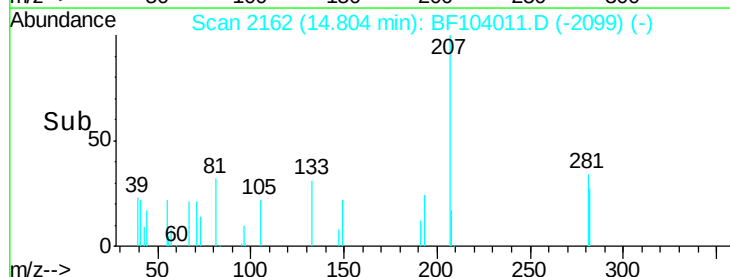


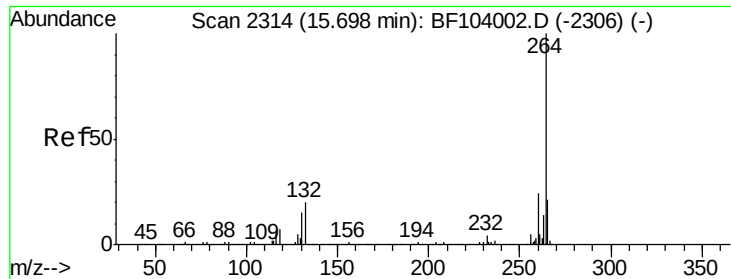
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

Time--> 14.78 14.80 14.82

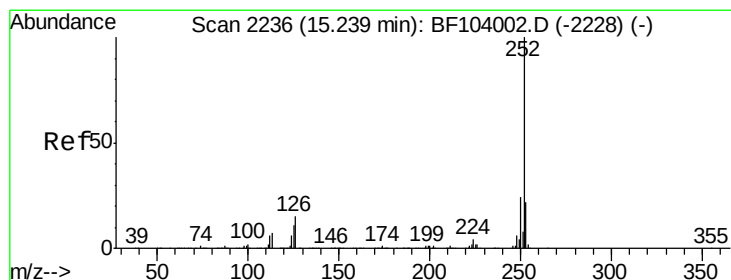
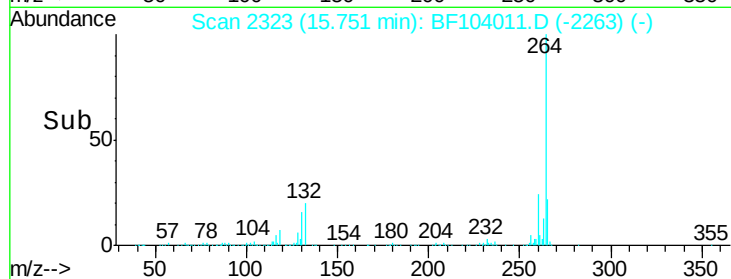
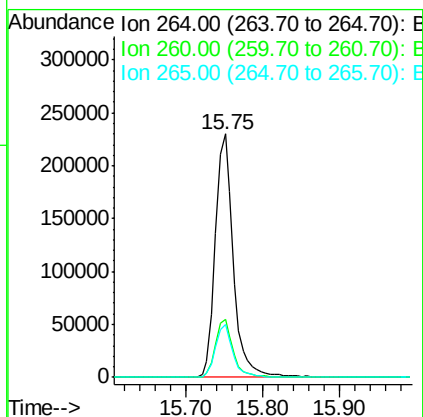
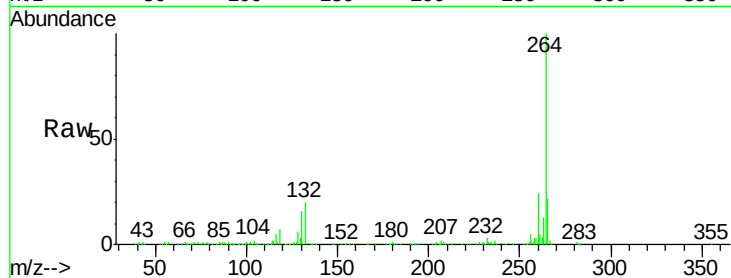




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2323
Delta R.T. 0.05 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

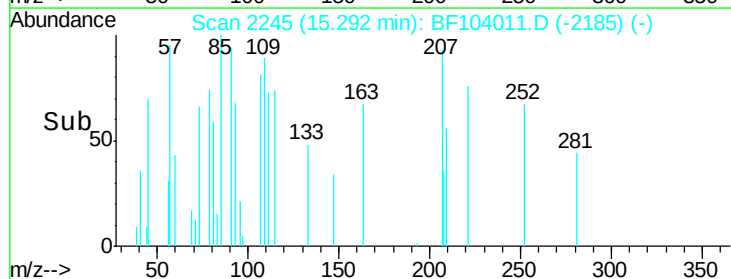
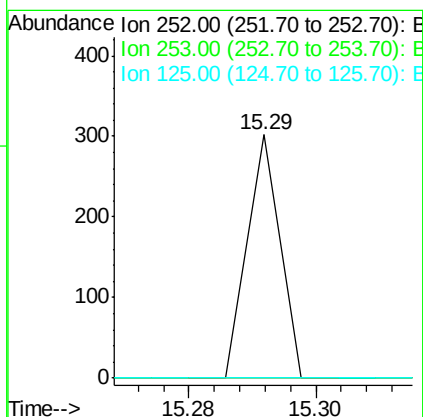
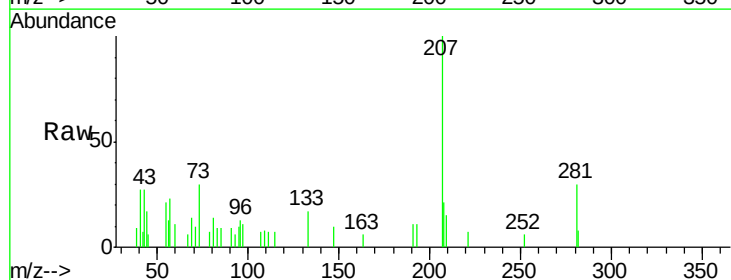
Instrument :
BNA_F
ClientSampleId :

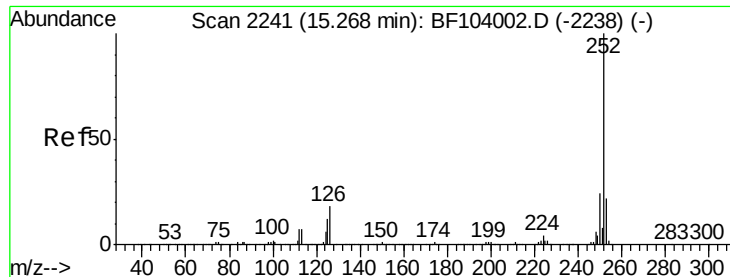
Tot Ion:264 Resp: 371009
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.05 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:252 Resp: 107
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#

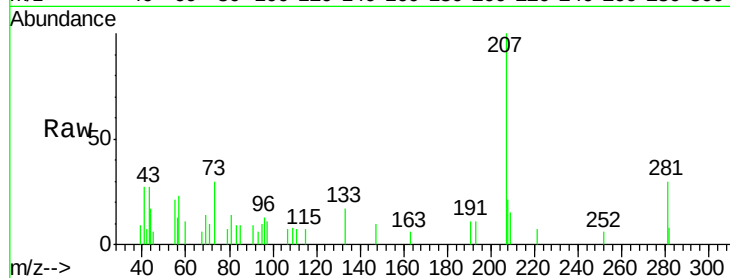




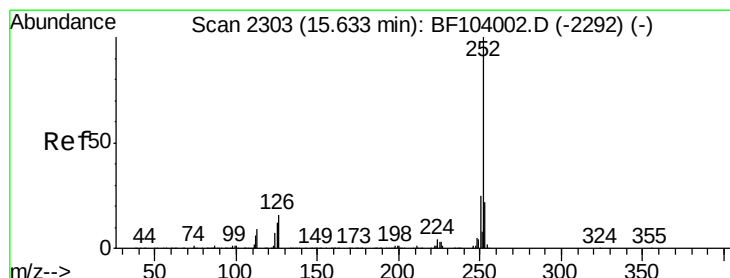
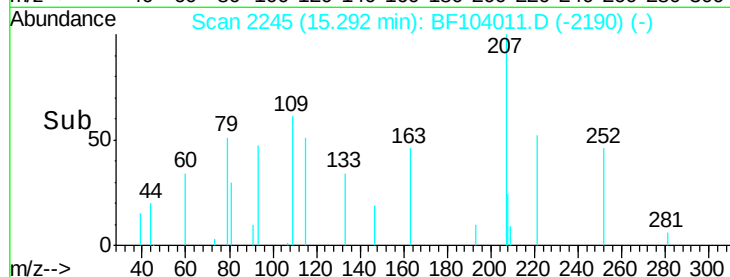
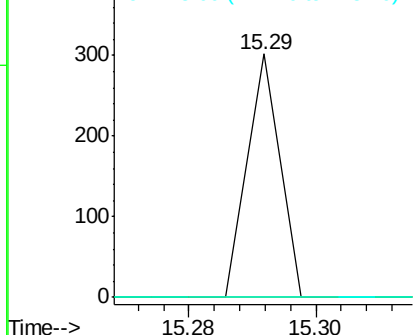
#88
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 107
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

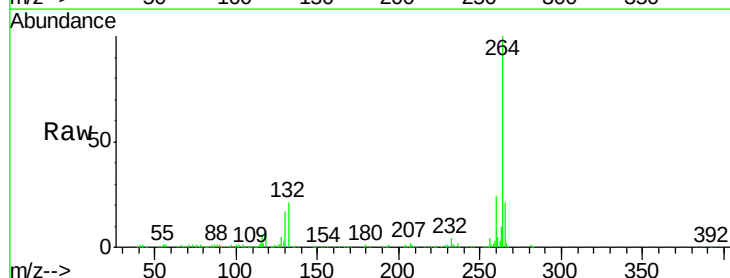


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.047 ng
RT: 15.74 min Scan# 2322
Delta R.T. 0.11 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:252 Resp: 973
Ion Ratio Lower Upper
252 100
253 56.7 17.1 25.7#
125 40.7 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

