

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102033.D
 Acq On : 11 Jan 2018 21:54
 Operator : SJ/JU
 Sample : J1062-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Quant Time: Jan 11 23:44:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	198886	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	742199	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	284752	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	395889	20.00	ng	0.00
75) Chrysene-d12	13.87	240	351146	20.00	ng	-0.01
86) Perylene-d12	15.29	264	390537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1249412	88.71	ng	0.00
7) Phenol-d6	6.36	99	1415746	84.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	886324	70.18	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	220441	88.71	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1380241	75.73	ng	0.00
78) Terphenyl-d14	12.83	244	882178	52.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	25922	2.222	ng	Qvalue 87
10) Phenol	6.37	94	60871	3.205	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	116771	10.604	ng	# 81
25) Isophorone	7.29	82	886316	35.515	ng	# 64
49) Dimethylphthalate	9.48	163	117952	5.164	ng	99
56) 2,4-Dinitrotoluene	9.76	165	36459	6.375	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	526	5.878	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14143	3.383	ng	# 1

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

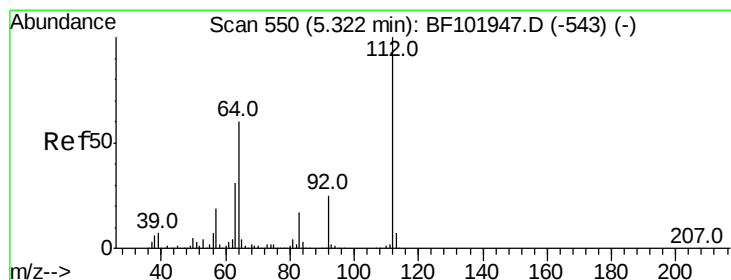
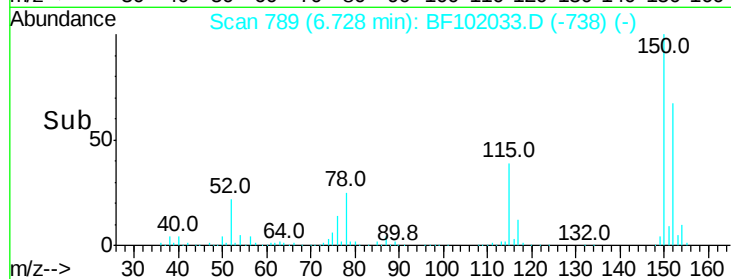
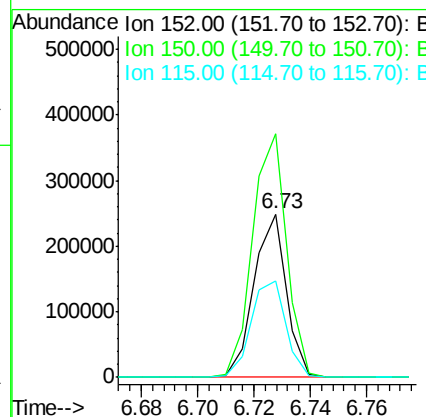
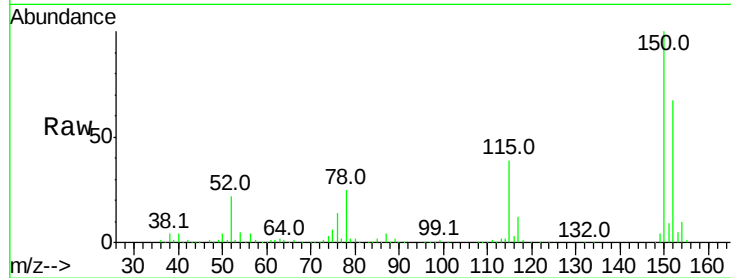


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102033.D
Acq: 11 Jan 2018 21:54

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

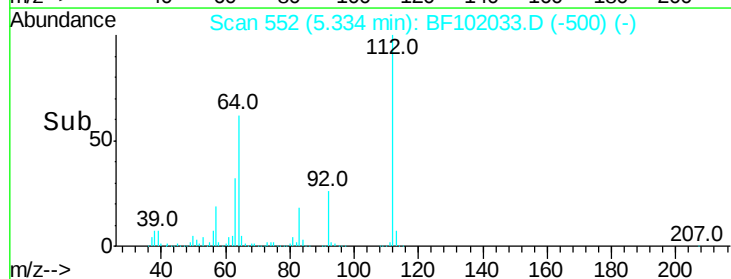
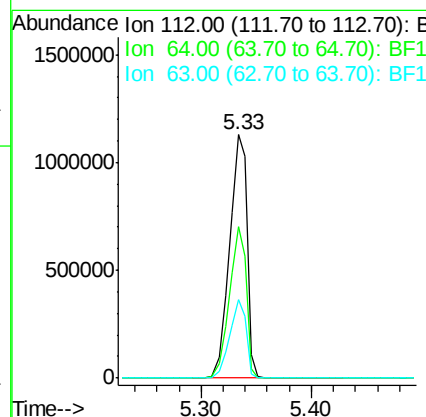
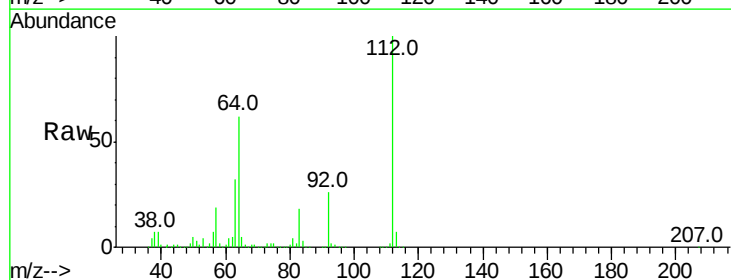
Tot Ion:152 Resp: 198886
Ion Ratio Lower Upper
152 100
150 148.9 124.6 186.8
115 58.8 50.1 75.1



#5

2-Fluorophenol
Concen: 88.708 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102033.D
Acq: 11 Jan 2018 21:54

Tgt Ion:112 Resp: 1249412
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 84.249 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

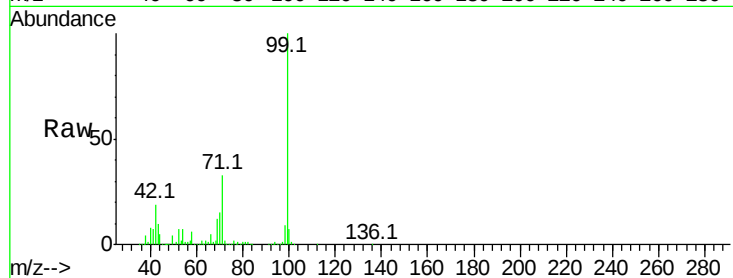
Tot Ion: 99 Resp: 1415746

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

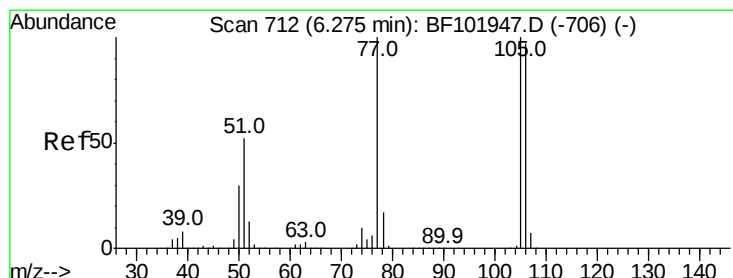
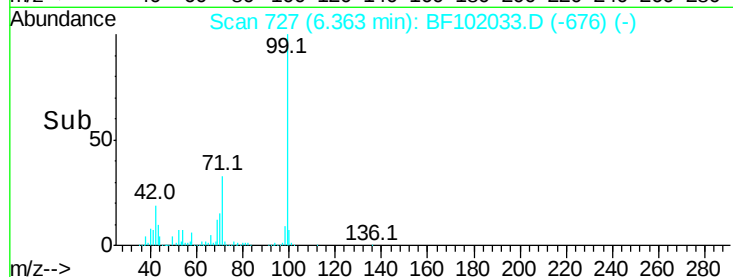
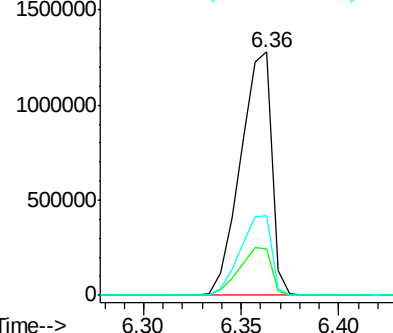
71 32.6 25.4 38.0



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: 2.222 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

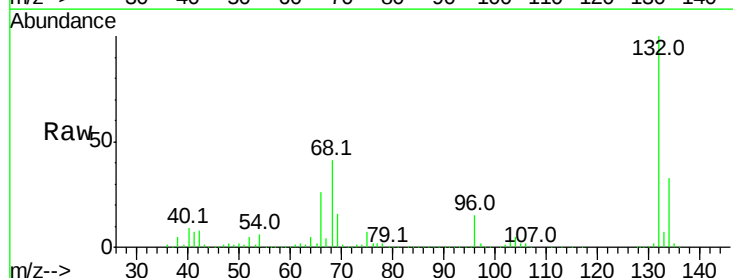
Tgt Ion: 77 Resp: 25922

Ion Ratio Lower Upper

77 100

105 83.0 81.1 121.1

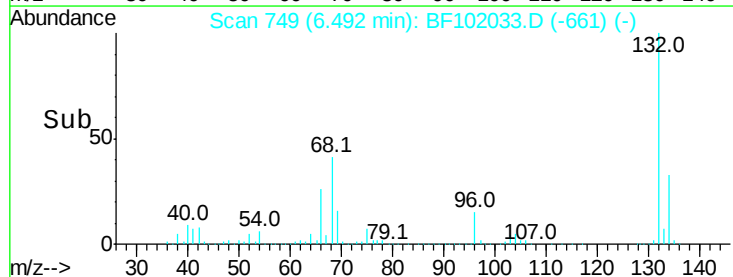
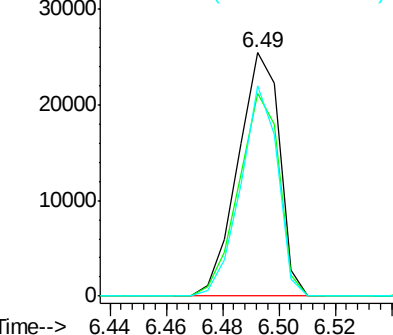
106 86.6 74.5 114.5

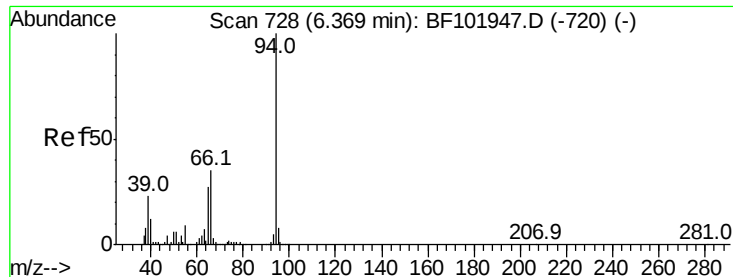


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.205 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

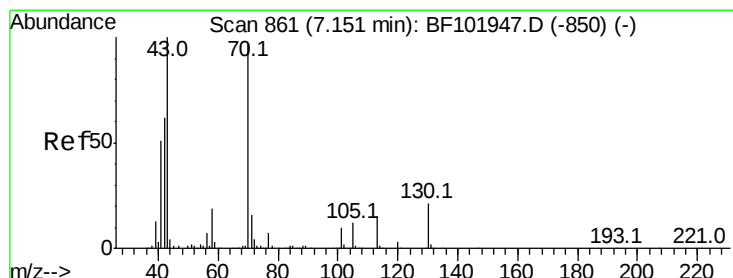
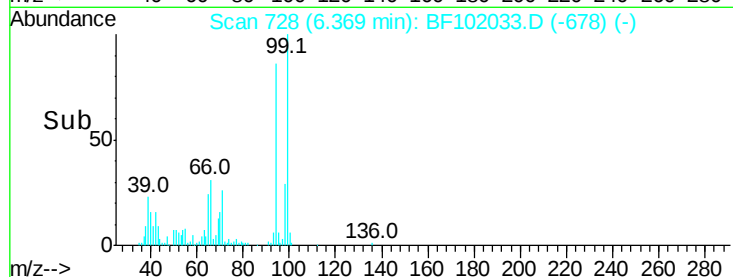
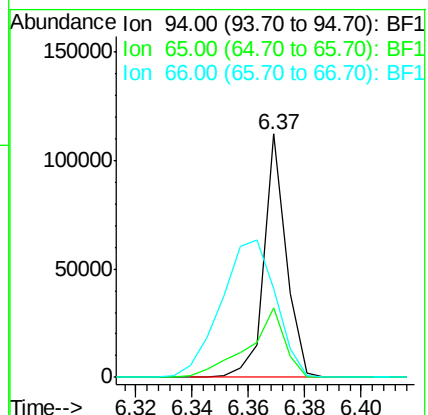
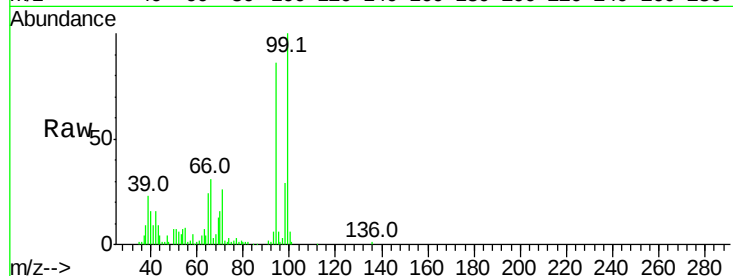
Tot Ion: 94 Resp: 60871

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 36.2 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.604 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

Tgt Ion: 70 Resp: 116771

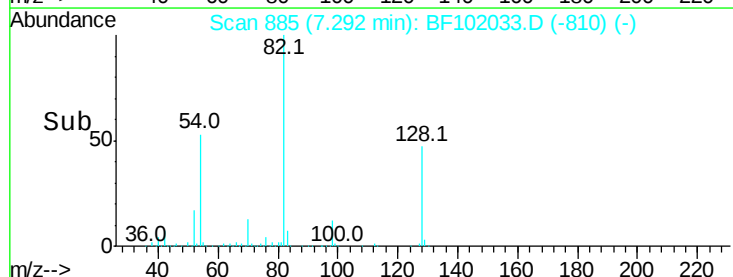
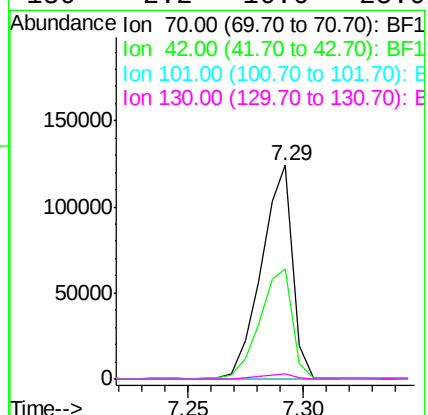
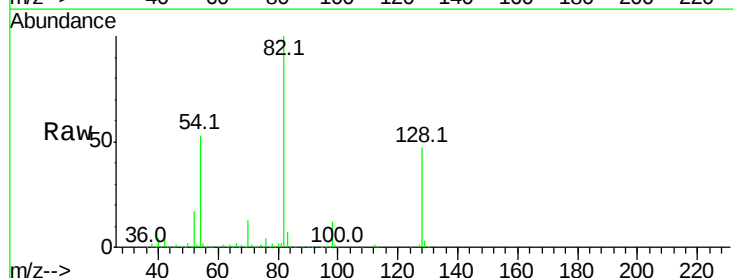
Ion Ratio Lower Upper

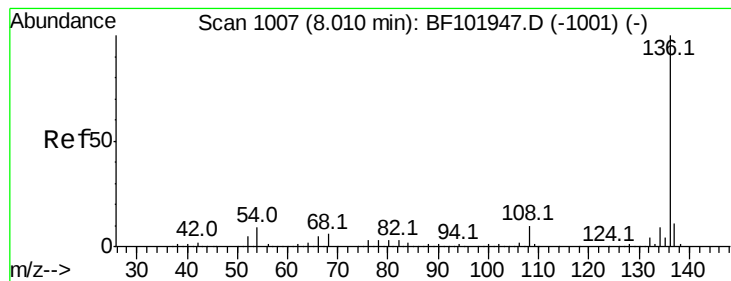
70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

Tot Ion:136 Resp: 742199

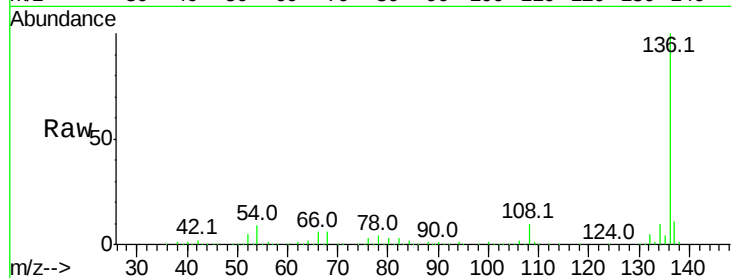
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.0 6.6 9.8

68 6.5 5.0 7.4

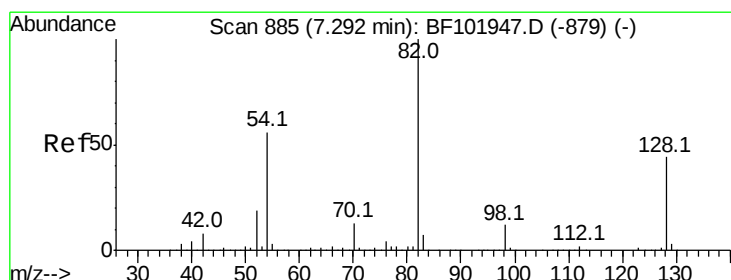
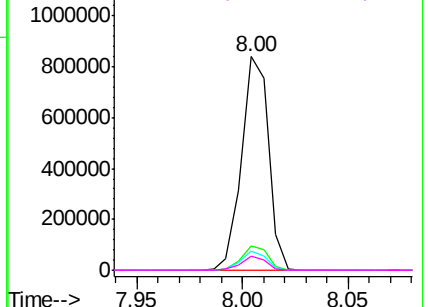
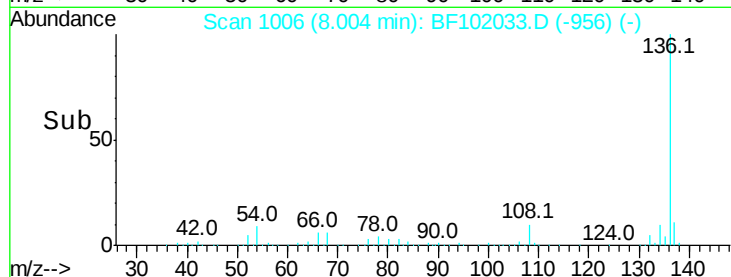


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.175 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

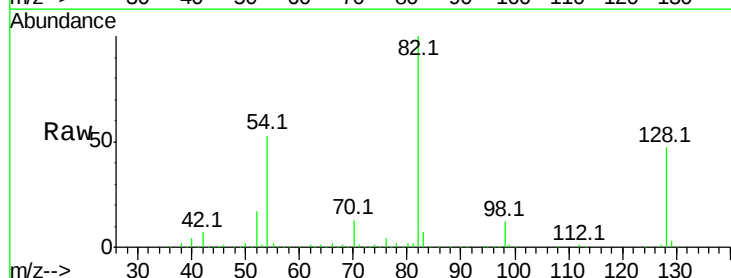
Tgt Ion: 82 Resp: 886324

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

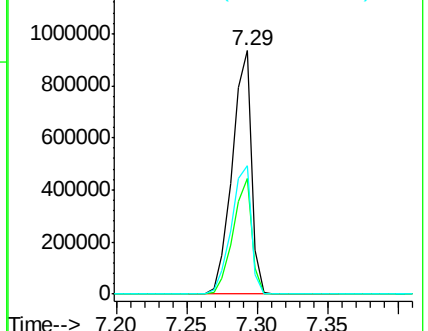
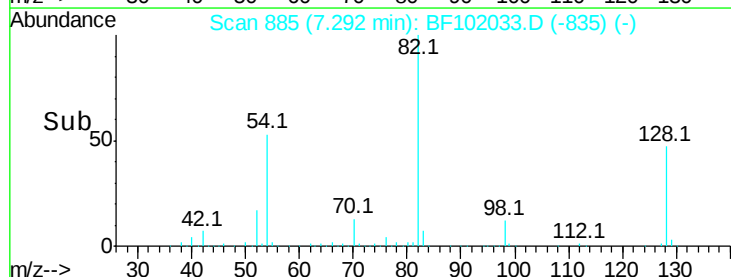
54 53.0 41.4 62.2

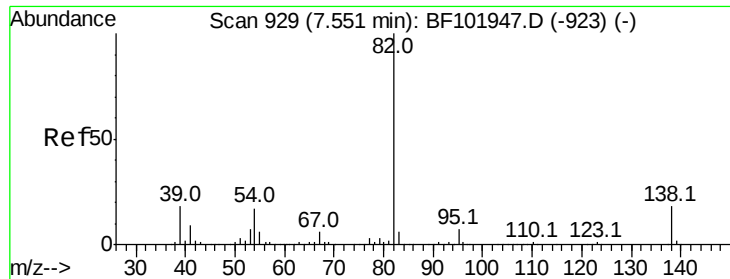


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.515 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

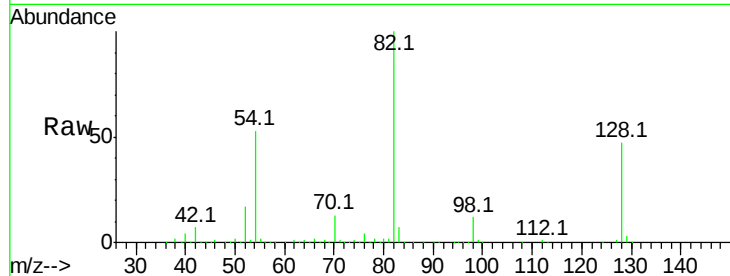
Tot Ion: 82 Resp: 886316

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

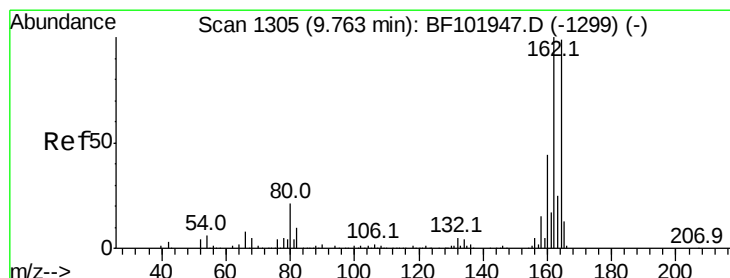
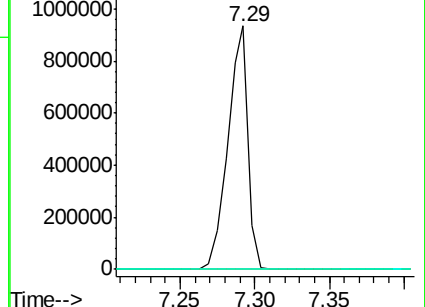
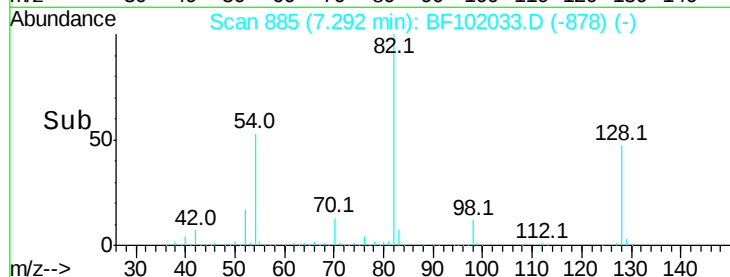
138 0.0 14.9 22.3#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

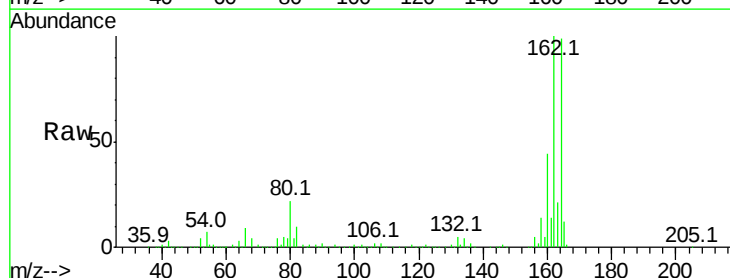
Tgt Ion:164 Resp: 284752

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

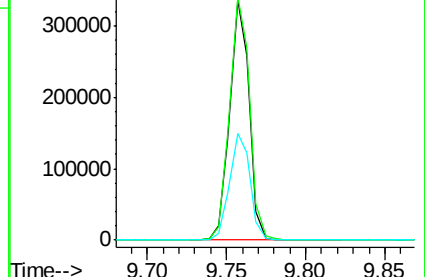
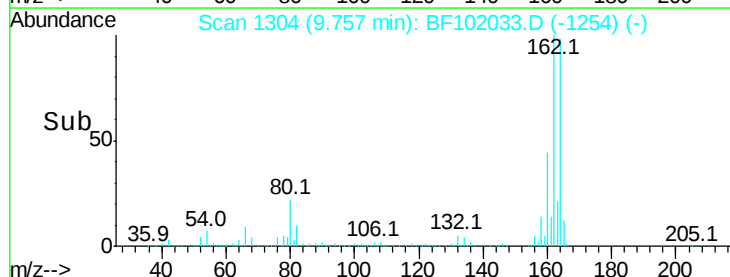
160 44.7 38.3 57.5

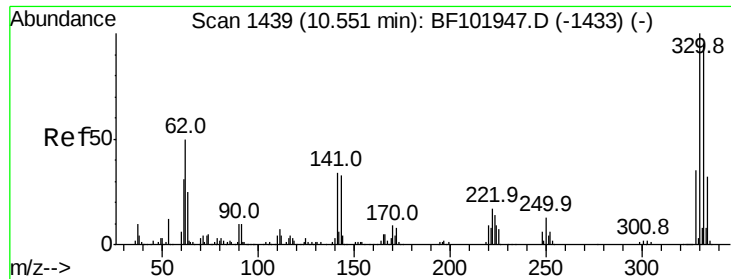


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

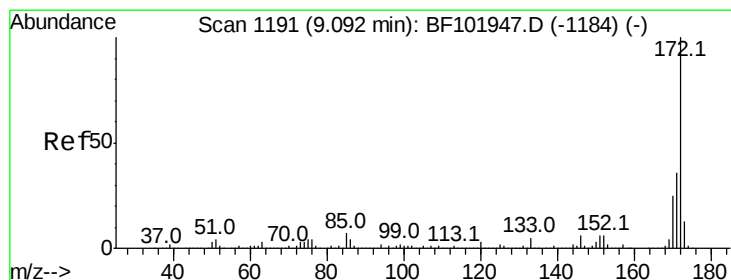
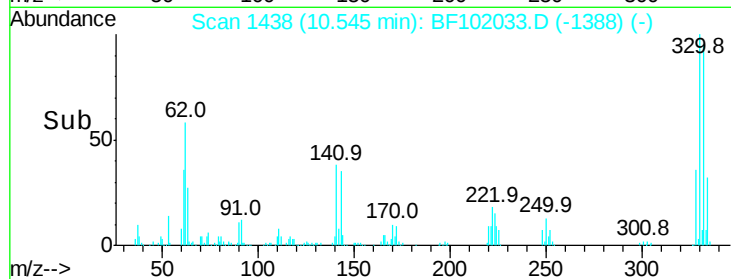
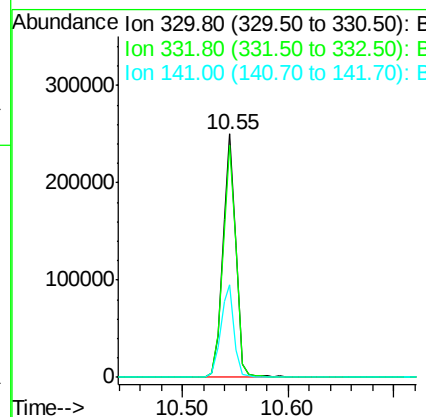
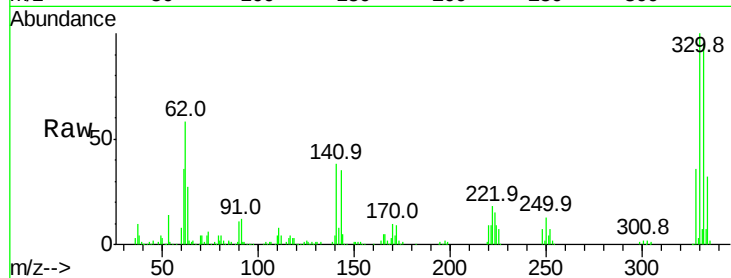




#41
 2,4,6-Tribromophenol
 Concen: 88.709 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102033.D
 Acq: 11 Jan 2018 21:54

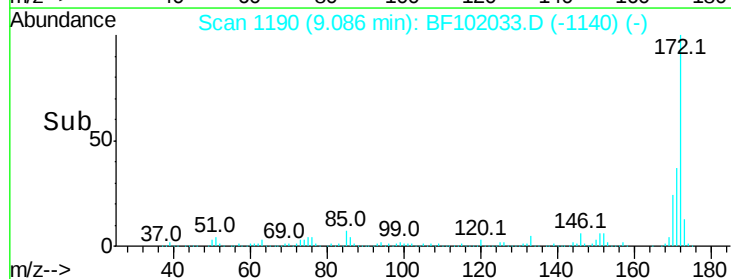
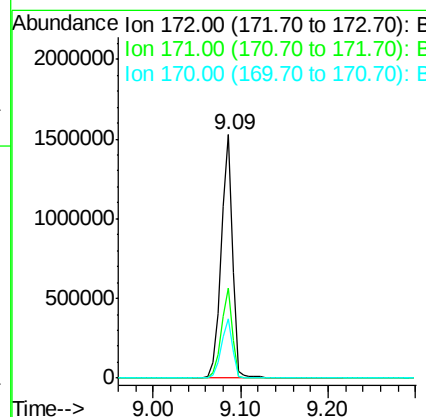
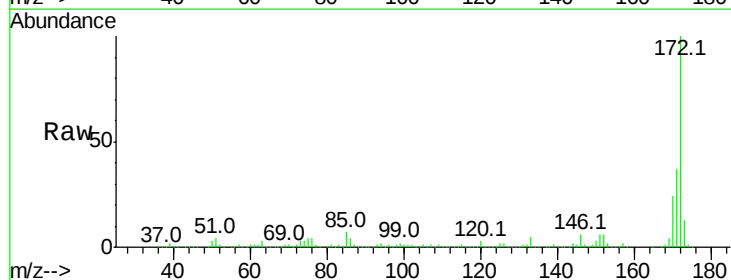
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

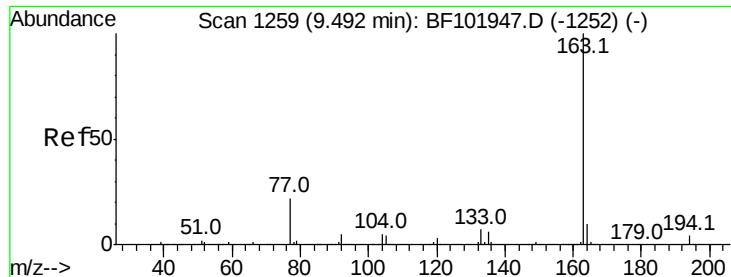
Tot Ion:330 Resp: 220441
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 39.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 75.726 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102033.D
 Acq: 11 Jan 2018 21:54

Tgt Ion:172 Resp: 1380241
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.3 19.6 29.4





#49

Dimethylphthalate

Concen: 5.164 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

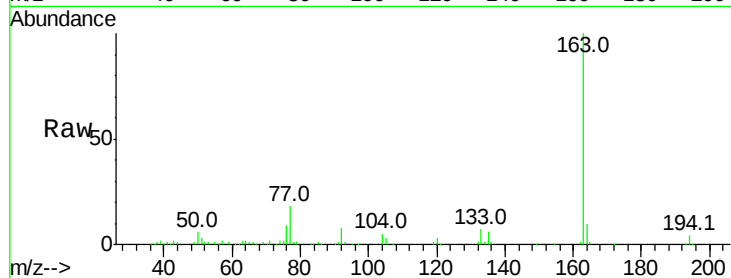
Tot Ion:163 Resp: 117952

Ion Ratio Lower Upper

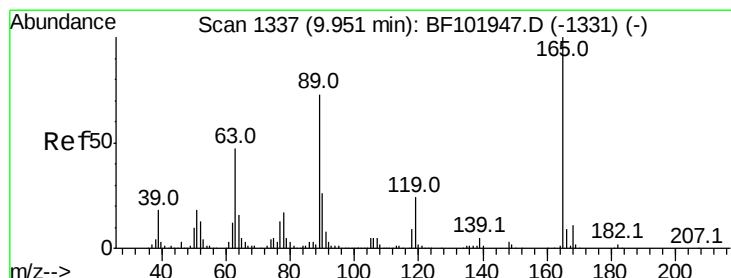
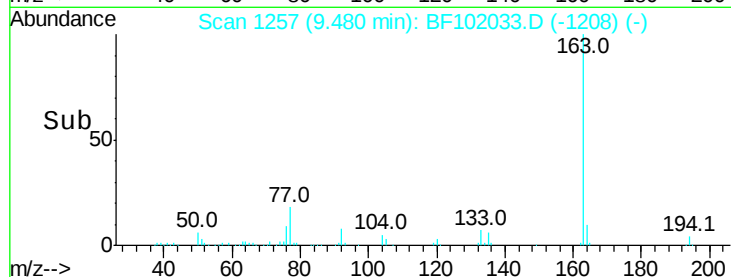
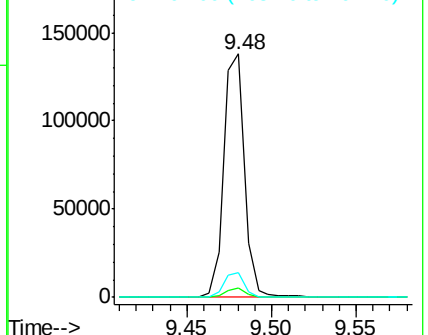
163 100

194 3.7 2.7 4.1

164 10.3 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



#56

2,4-Dinitrotoluene

Concen: 6.375 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF102033.D

Acq: 11 Jan 2018 21:54

Tgt Ion:165 Resp: 36459

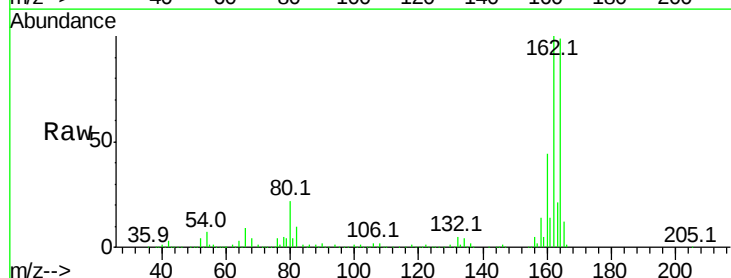
Ion Ratio Lower Upper

165 100

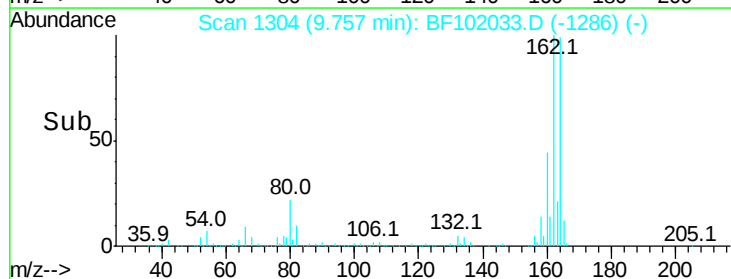
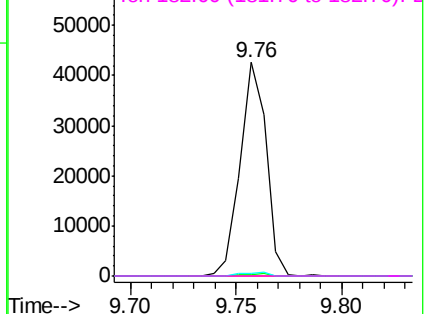
63 0.9 36.4 54.6#

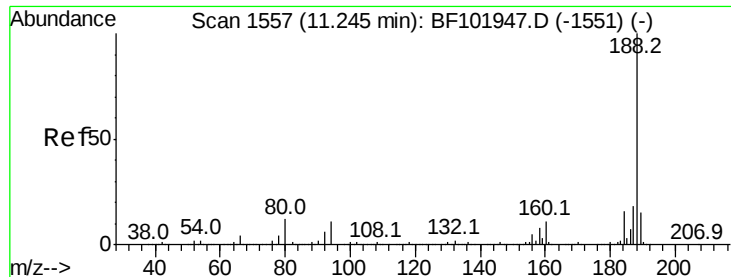
89 1.3 57.8 86.6#

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

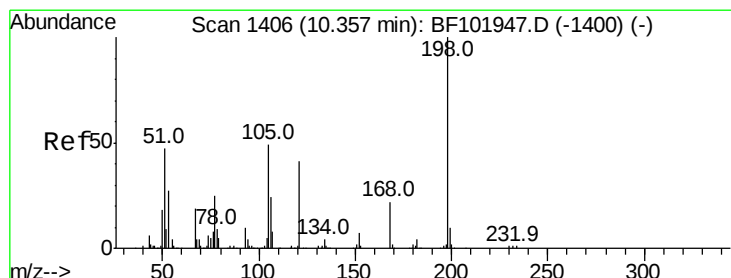
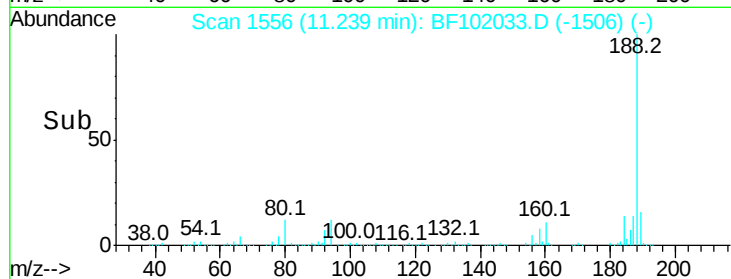
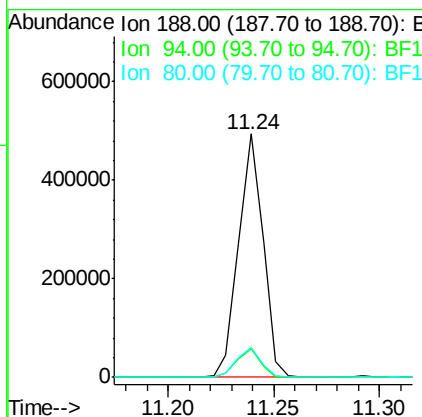
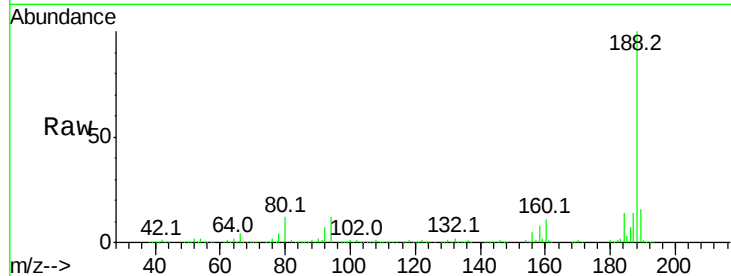




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102033.D
Acq: 11 Jan 2018 21:54

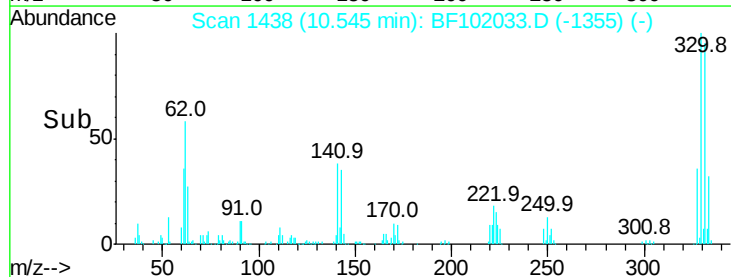
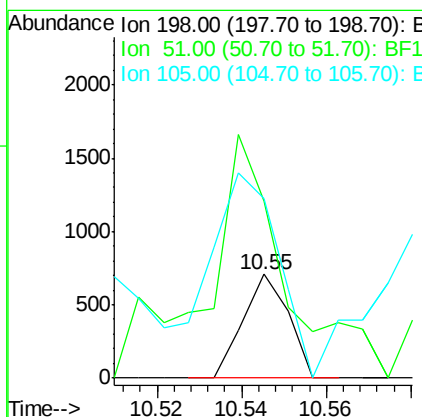
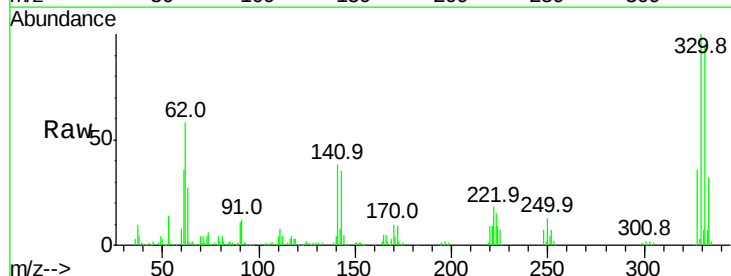
Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

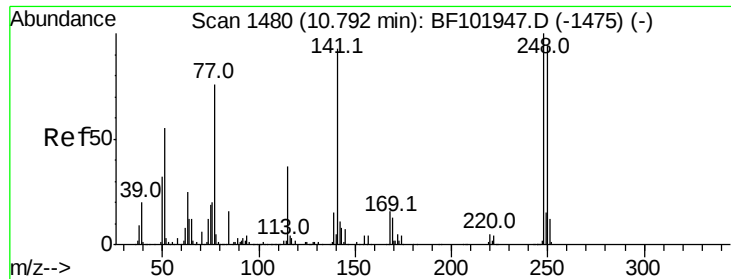
Tot Ion:188 Resp: 395889
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.878 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102033.D
Acq: 11 Jan 2018 21:54

Tgt Ion:198 Resp: 526
Ion Ratio Lower Upper
198 100
51 170.9 37.7 77.7#
105 172.6 36.3 76.3#

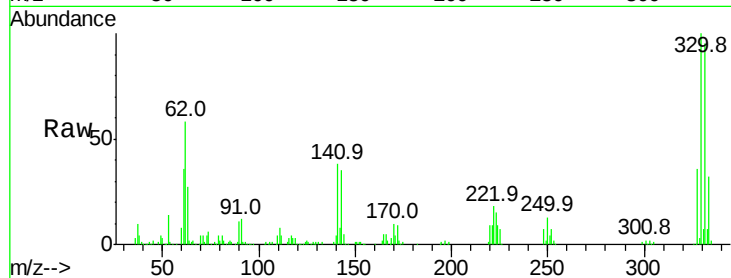




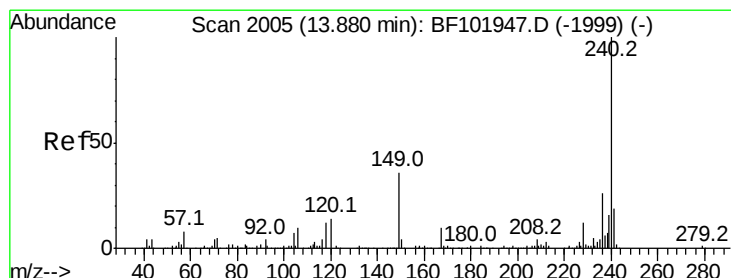
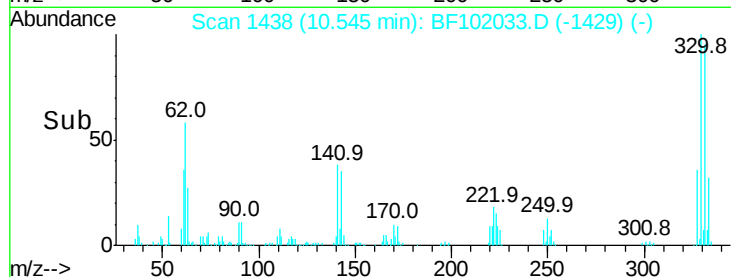
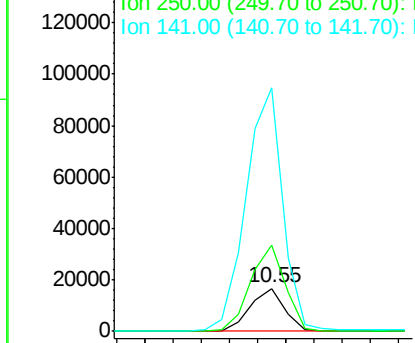
#66
4-Bromophenyl-phenylether
Concen: 3.383 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102033.D
Acq: 11 Jan 2018 21:54

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tot Ion:248 Resp: 14143
Ion Ratio Lower Upper
248 100
250 202.8 76.9 115.3#
141 569.0 74.4 111.6#

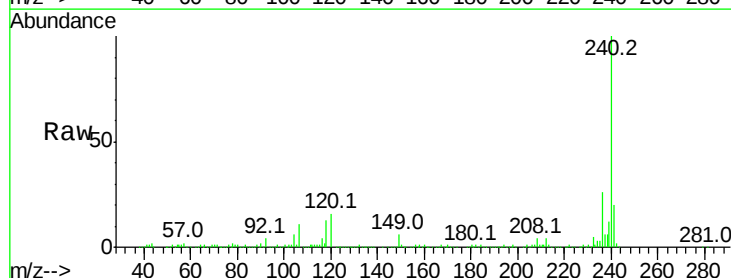


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

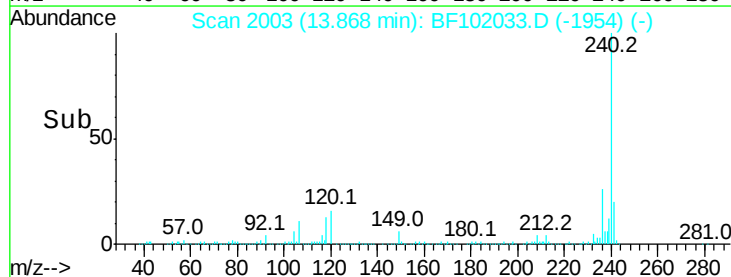
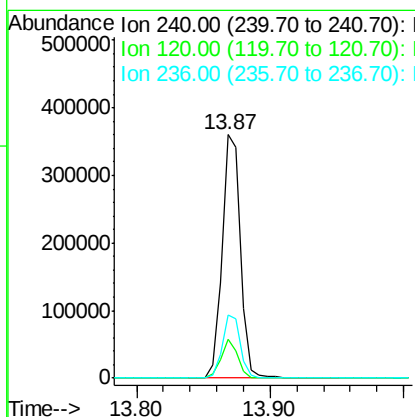


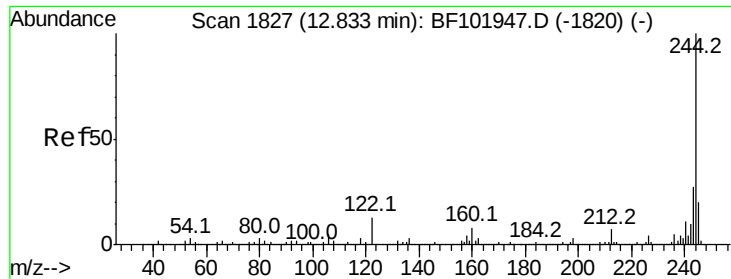
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102033.D
Acq: 11 Jan 2018 21:54

Tgt Ion:240 Resp: 351146
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 25.7 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

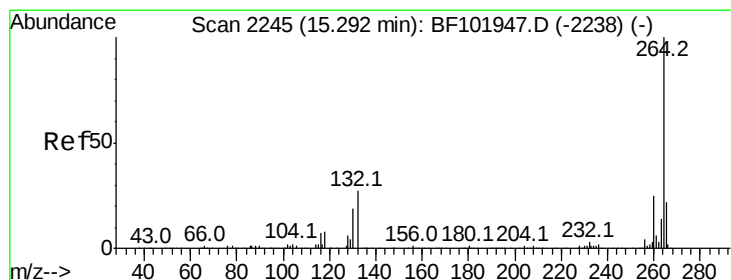
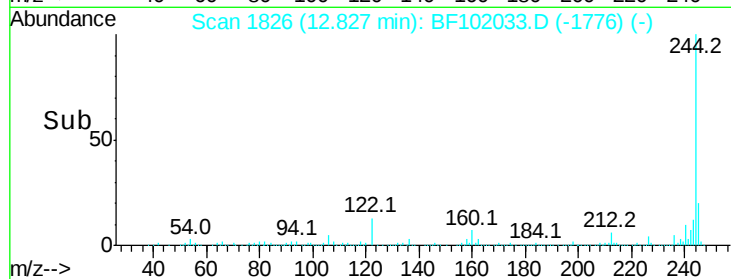
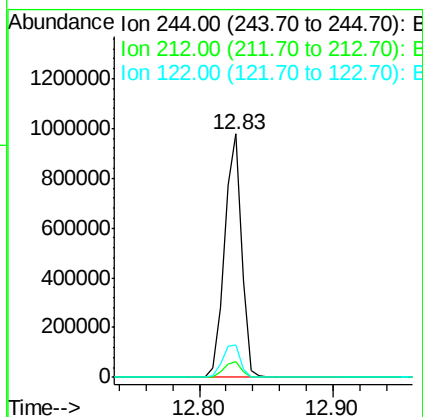
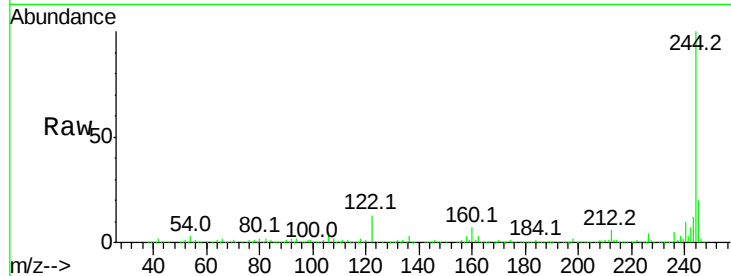




#78
 Terphenyl-d14
 Concen: 52.162 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF102033.D
 Acq: 11 Jan 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Tot Ion:244 Resp: 882178
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102033.D
 Acq: 11 Jan 2018 21:54

Tgt Ion:264 Resp: 390537
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.5 26.3

