

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103681.D
 Acq On : 15 Mar 2018 21:09
 Operator : JU/SJ
 Sample : PB107343BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 04:31:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	162903	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	680984	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	323366	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	609556	20.00	ng	0.00
75) Chrysene-d12	14.14	240	518145	20.00	ng	0.00
86) Perylene-d12	15.67	264	478155	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1063466	99.29	ng	0.01
7) Phenol-d6	6.58	99	1287450	98.25	ng	0.00
23) Nitrobenzene-d5	7.53	82	766798	78.52	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	293462	105.55	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1412065	69.66	ng	0.00
78) Terphenyl-d14	13.09	244	1429415	64.03	ng	0.00

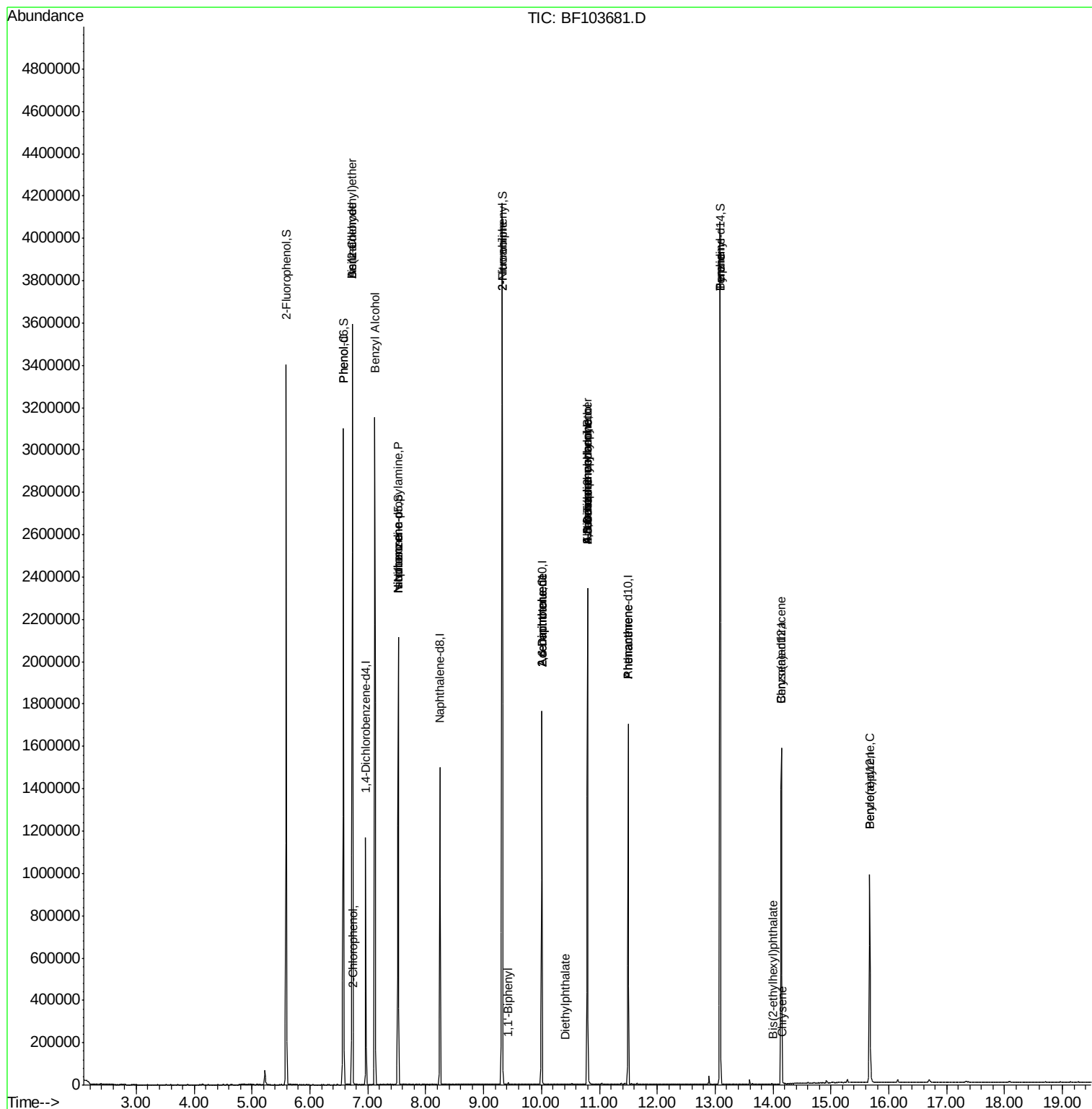
Target Compounds

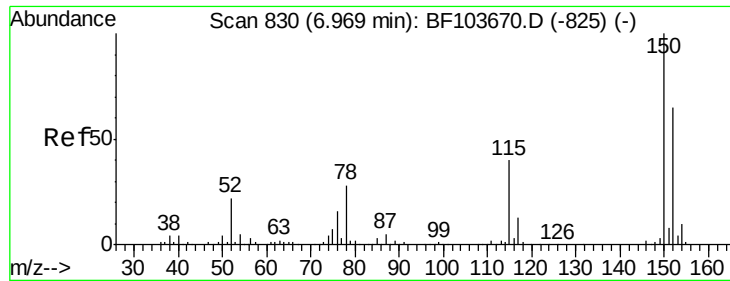
						Qvalue
6) Aniline	6.73	93	1516	0.081	ng	# 1
8) 2-Chlorophenol	6.75	128	257	0.023	ng	# 33
9) Benzaldehyde	6.73	77	23463	2.726	ng	85
10) Phenol	6.57	94	115	0.008	ng	# 1
11) bis(2-Chloroethyl)ether	6.73	93	1516	0.132	ng	# 1
15) Benzyl Alcohol	7.12	79	13232	1.303	ng	# 41
19) n-Nitroso-di-n-propylamine	7.53	70	102633	12.222	ng	# 75
24) Nitrobenzene	7.52	77	2680	0.234	ng	# 34
25) Isophorone	7.53	82	766951	33.927	ng	# 64
45) 1,1'-Biphenyl	9.42	154	4056	0.150	ng	91
47) 2-Nitroaniline	9.32	65	2458	7.191	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	41844	12.024	ng	# 26
51) Acenaphthene	10.00	154	995	0.050	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	41844	12.238	ng	# 23
57) Fluorene	10.79	166	13807	0.632	ng	# 93
59) Diethylphthalate	10.41	149	311	0.013	ng	# 61
62) Azobenzene	10.79	77	1638	0.066	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.79	198	781	8.500	ng	# 1
65) n-Nitrosodiphenylamine	10.79	169	9673	0.466	ng	# 43
66) 4-Bromophenyl-phenylether	10.79	248	17891	2.859	ng	# 1
70) Phenanthrene	11.50	178	133	0.004	ng	# 1
71) Anthracene	11.50	178	133	0.004	ng	# 1
76) Benzidine	13.09	184	19582	0.886	ng	# 96
77) Pyrene	13.09	202	4903	0.129	ng	# 69
80) Benzo(a)anthracene	14.14	228	1265	0.039	ng	# 58
82) Chrysene	14.17	228	113	0.004	ng	# 48
83) Bis(2-ethylhexyl)phthalate	14.00	149	241	0.010	ng	# 53
89) Benzo(a)pyrene	15.67	252	1471	0.054	ng	# 59

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103681.D
Acq On : 15 Mar 2018 21:09
Operator : JU/SJ
Sample : PB107343BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 16 04:31:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



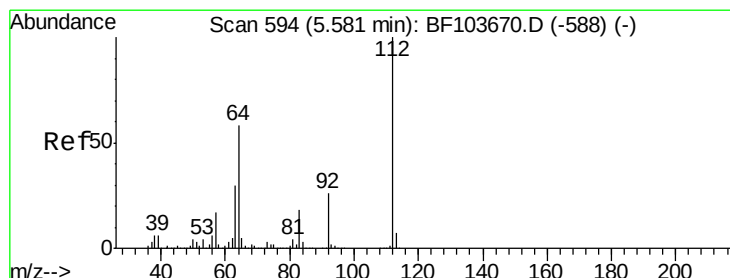
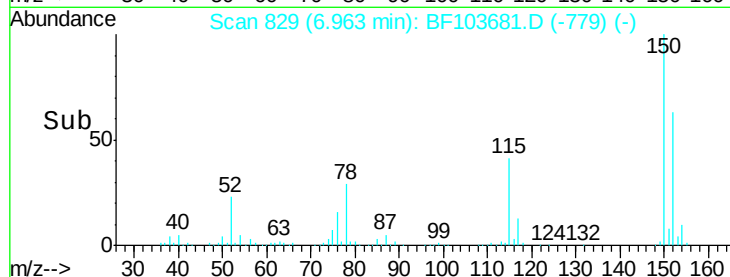
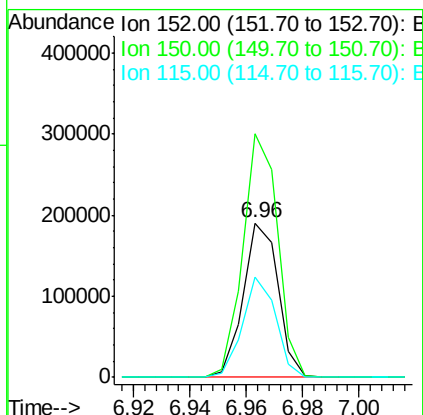
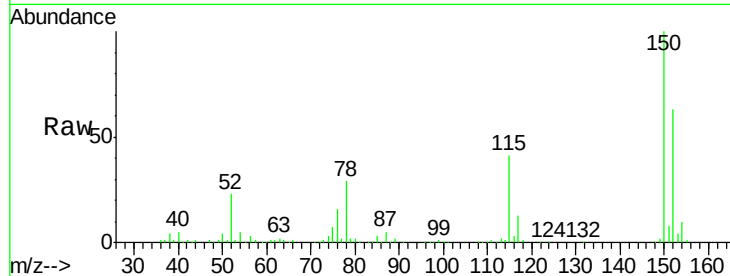


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Instrument :
BNA_F
ClientSampleId :

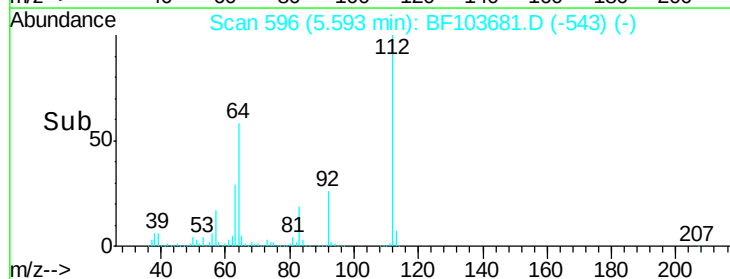
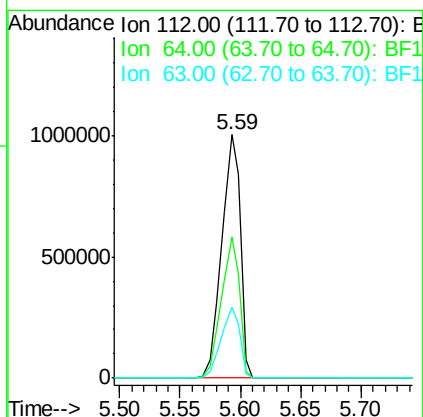
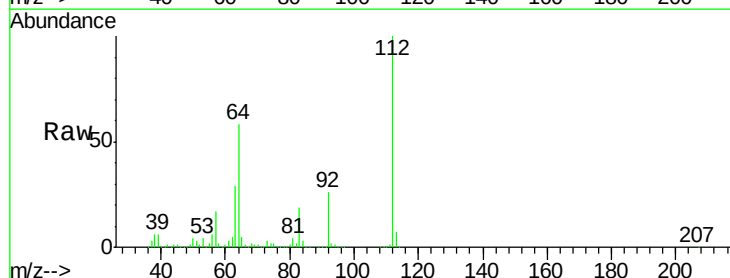
Tot Ion:152 Resp: 162903
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 64.9 50.1 75.1

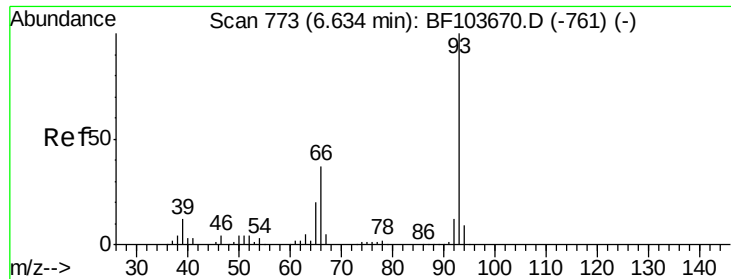


#5

2-Fluorophenol
Concen: 99.294 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion:112 Resp: 1063466
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 29.2 23.7 35.5





#6

Aniline

Concen: 0.081 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.10 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

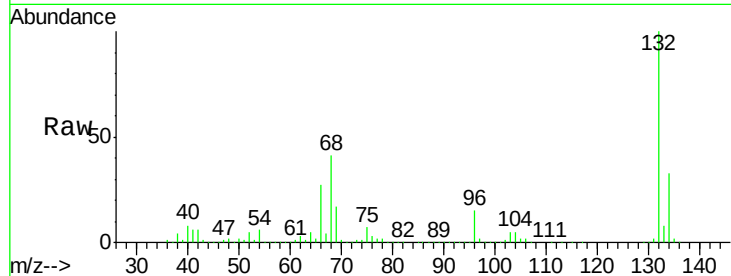
Tot Ion: 93 Resp: 1516

Ion Ratio Lower Upper

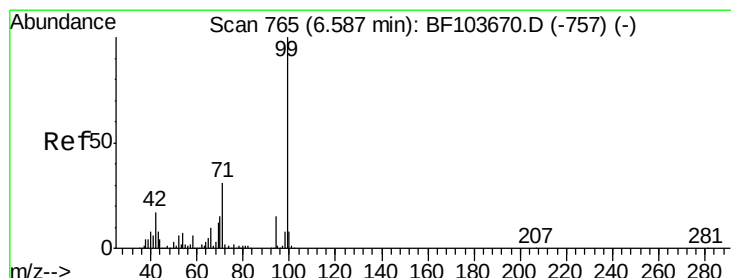
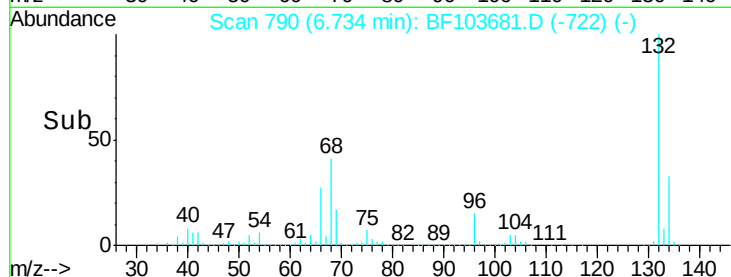
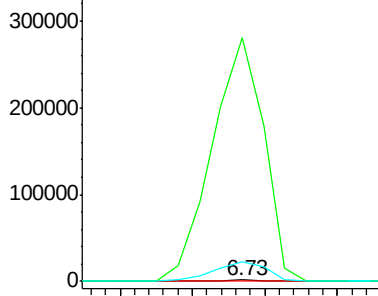
93 100

66 16494.8 32.2 48.2#

65 1331.0 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



#7

Phenol-d6

Concen: 98.254 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

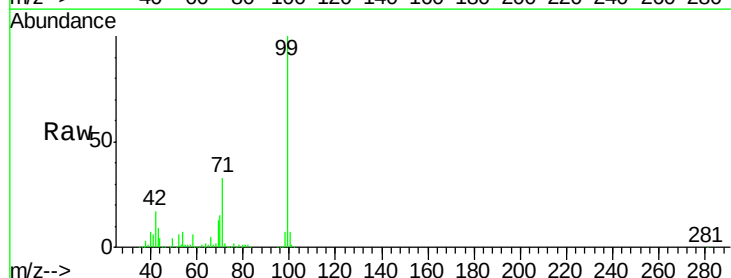
Tgt Ion: 99 Resp: 1287450

Ion Ratio Lower Upper

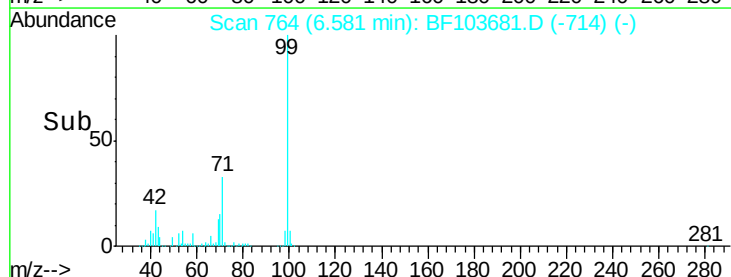
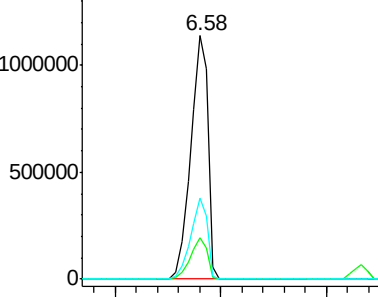
99 100

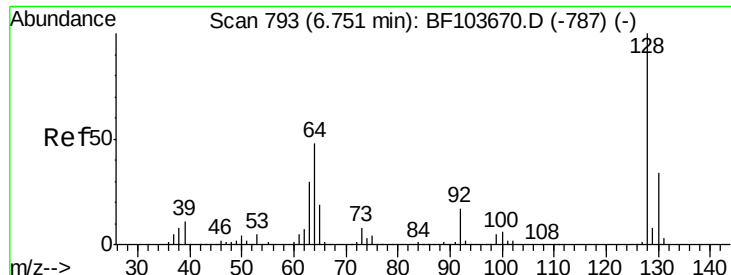
42 17.2 14.5 21.7

71 33.1 25.4 38.0



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





#8

2-Chlorophenol

Concen: 0.023 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

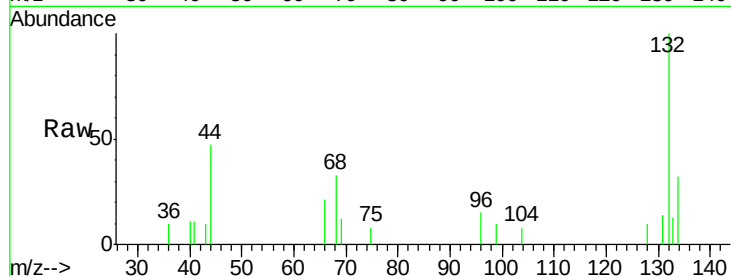
Tot Ion:128 Resp: 257

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

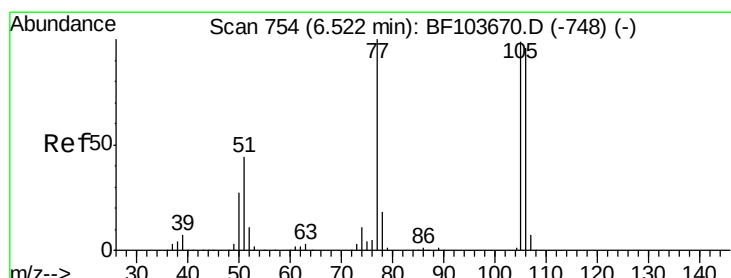
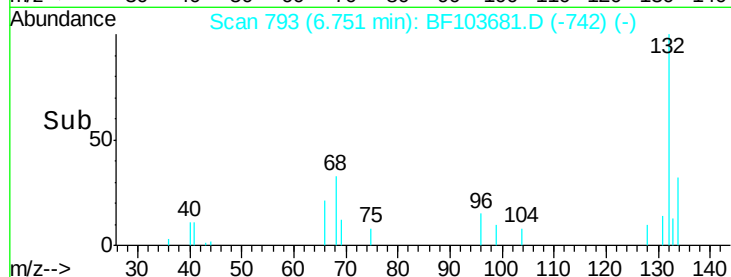
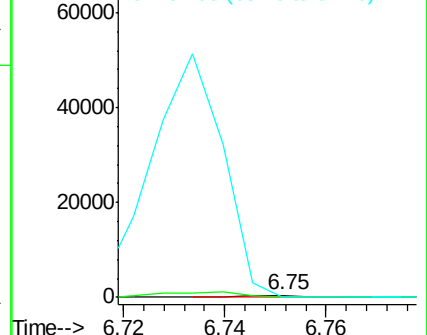
64 0.0 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 2.726 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

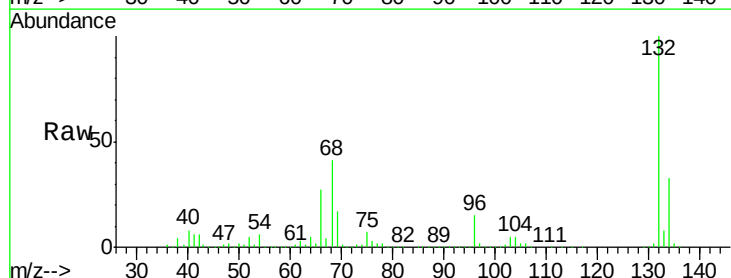
Tgt Ion: 77 Resp: 23463

Ion Ratio Lower Upper

77 100

105 89.1 81.1 121.1

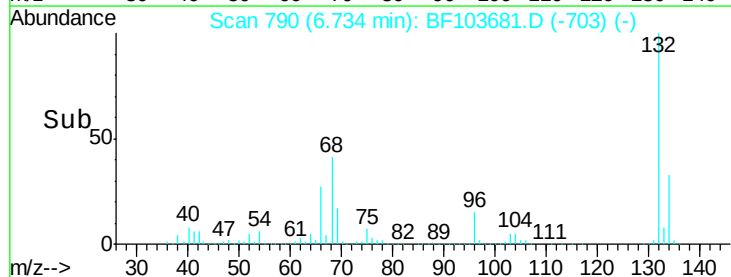
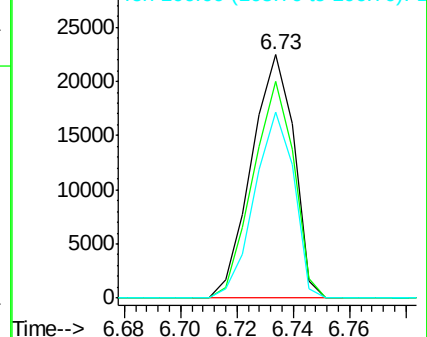
106 76.5 74.5 114.5

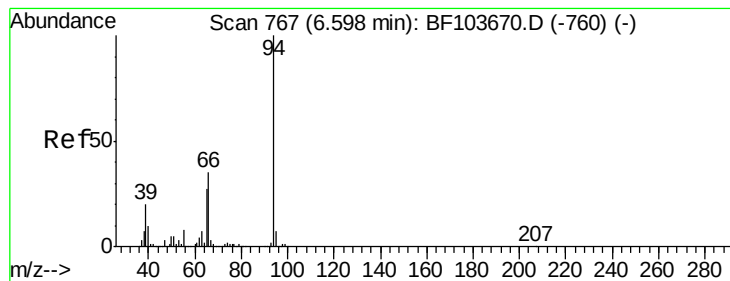


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.008 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

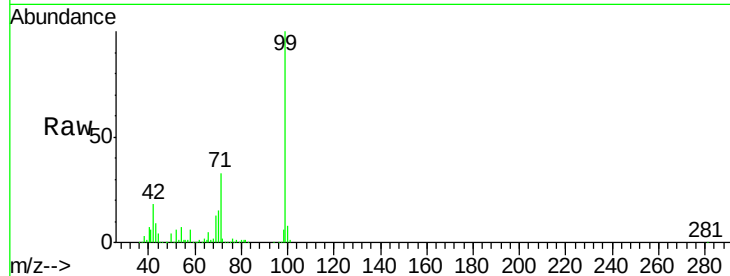
Tot Ion: 94 Resp: 115

Ion Ratio Lower Upper

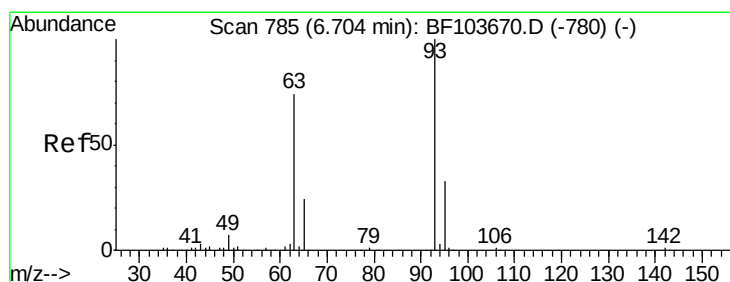
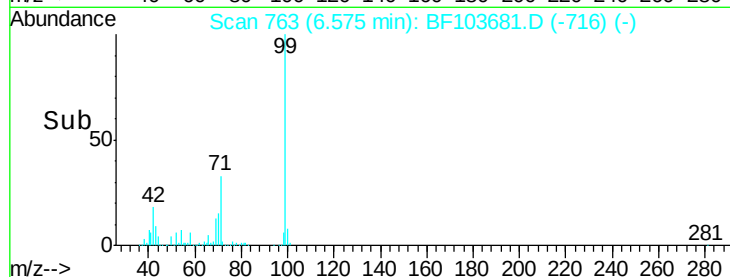
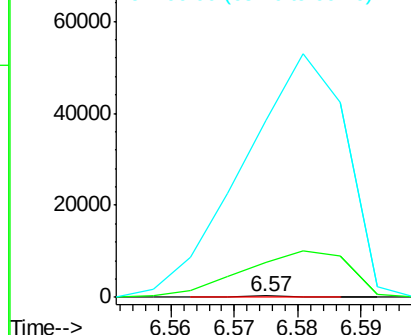
94 100

65 2328.0 7.9 47.9#

66 11844.9 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: 0.132 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.03 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

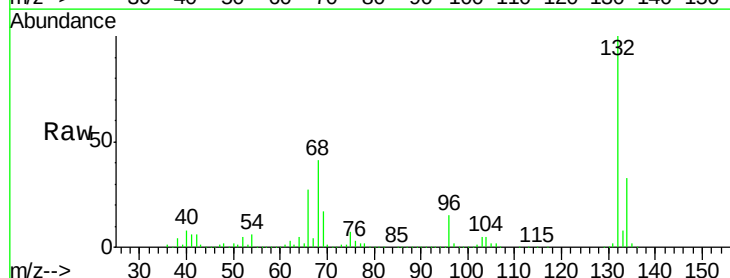
Tgt Ion: 93 Resp: 1516

Ion Ratio Lower Upper

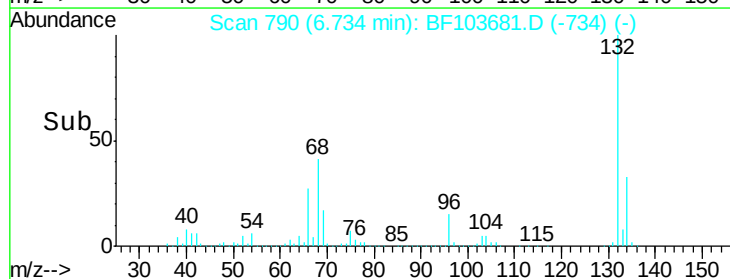
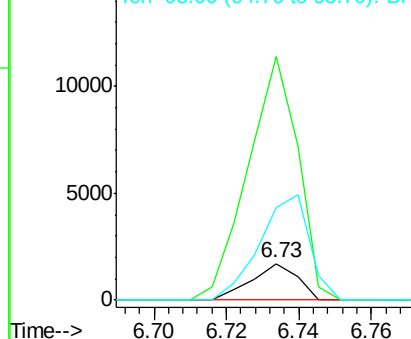
93 100

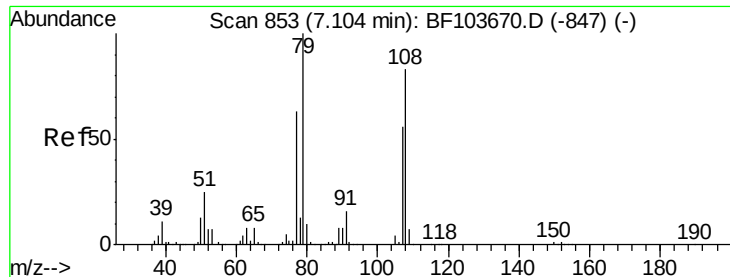
63 669.8 58.6 98.6#

95 255.3 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: 1.303 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.02 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

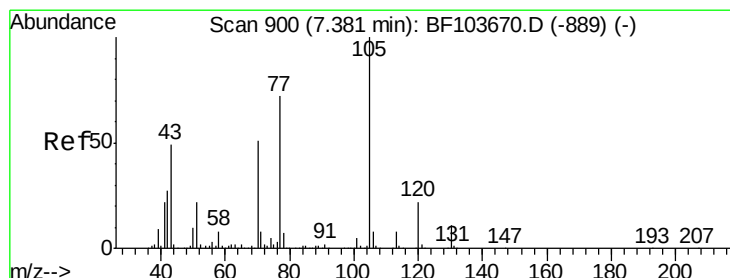
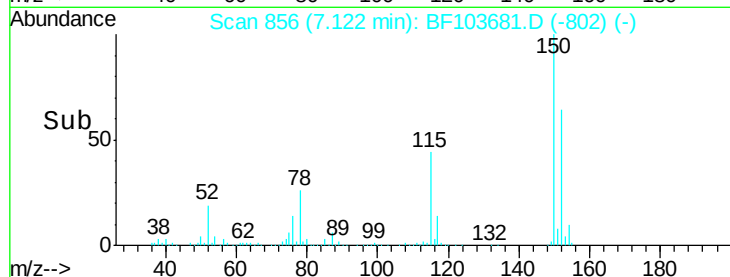
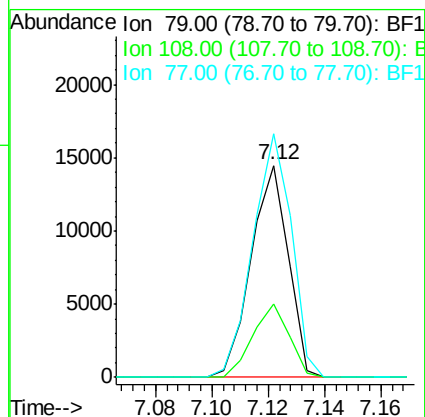
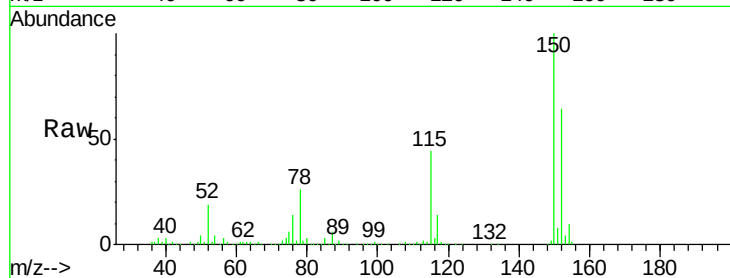
Tot Ion: 79 Resp: 13232

Ion Ratio Lower Upper

79 100

108 34.9 65.1 97.7#

77 115.0 50.6 75.8#



#19

n-Nitroso-di-n-propylamine

Concen: 12.222 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Tgt Ion: 70 Resp: 102633

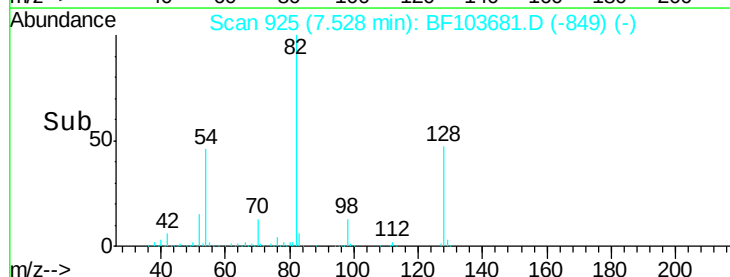
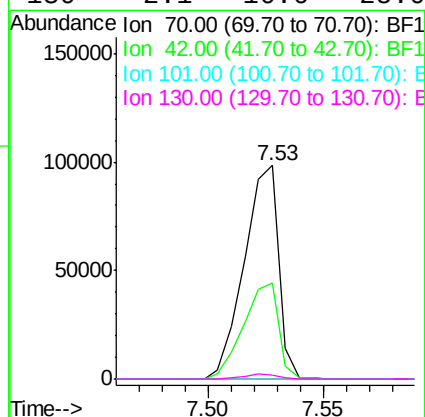
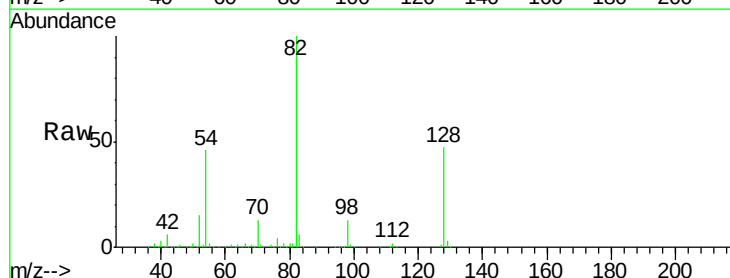
Ion Ratio Lower Upper

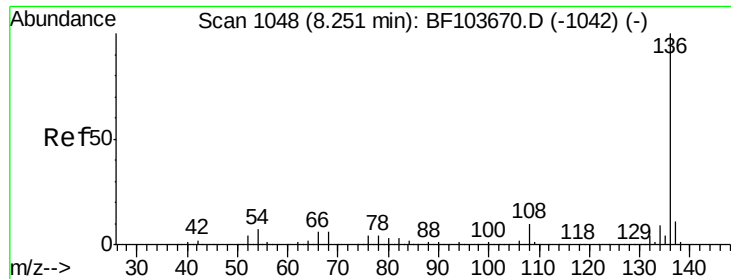
70 100

42 45.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

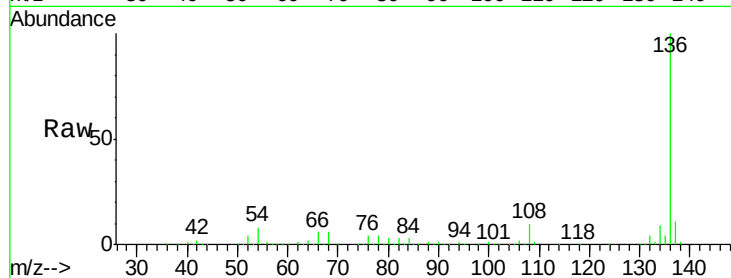




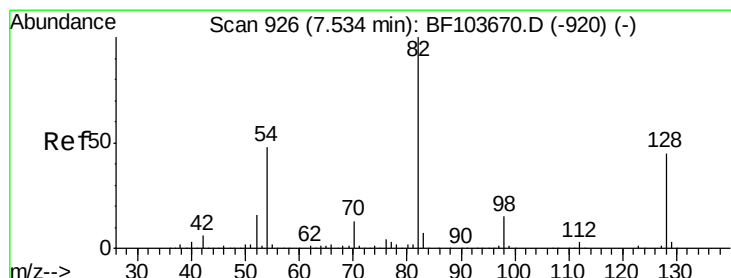
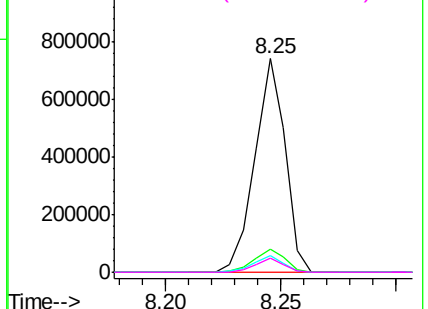
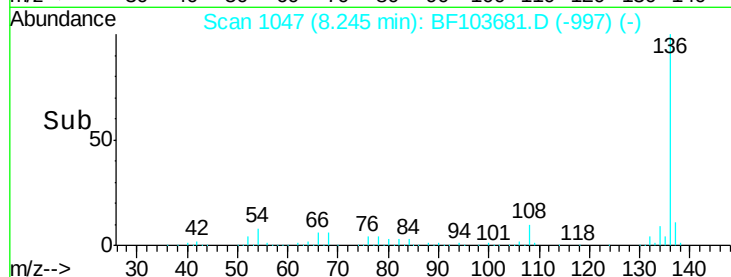
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	680984
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.6	6.6 9.8
68	6.4	5.0 7.4

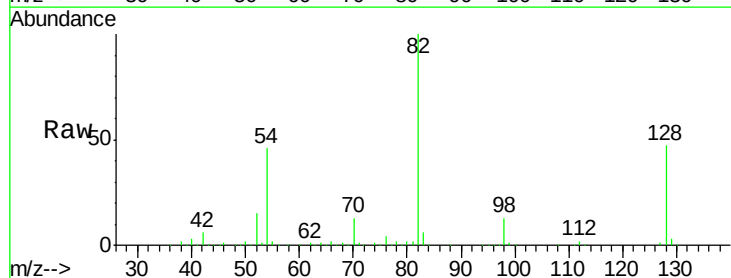


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

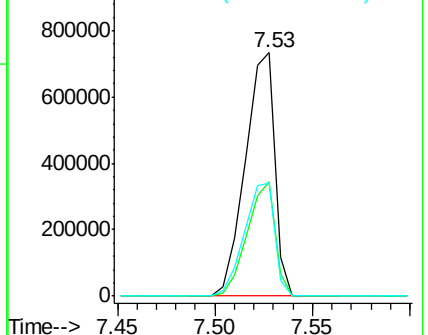
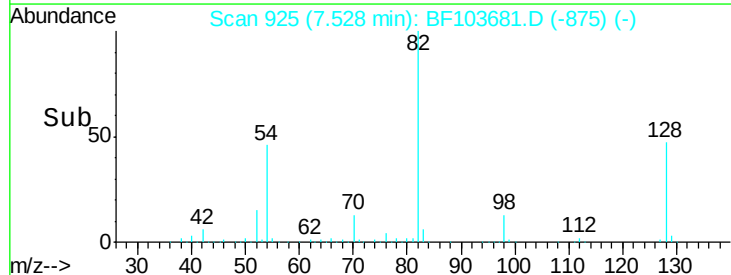


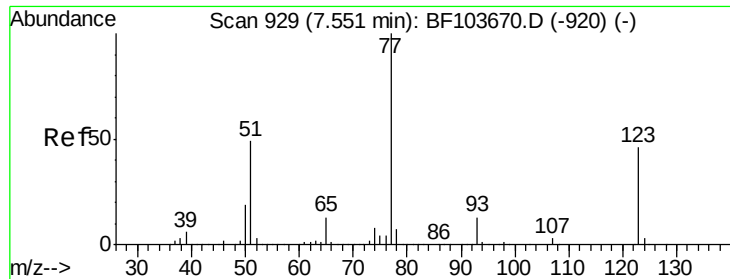
#23
Nitrobenzene-d5
Concen: 78.524 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion: 82	Resp:	766798
Ion Ratio	Lower	Upper
82	100	
128	46.8	36.1 54.1
54	46.2	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

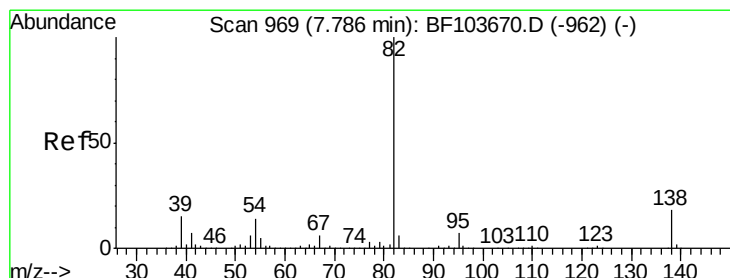
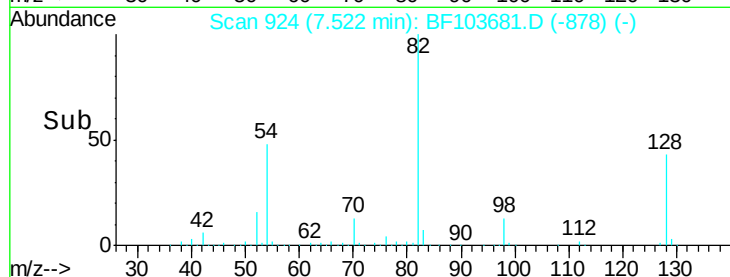
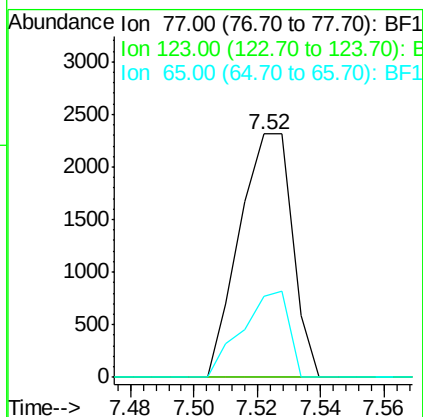
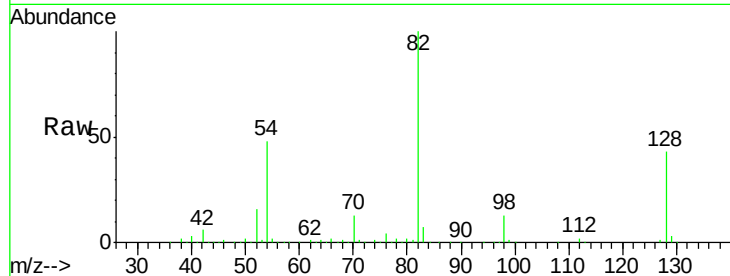




#24
 Nitrobenzene
 Concen: 0.234 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

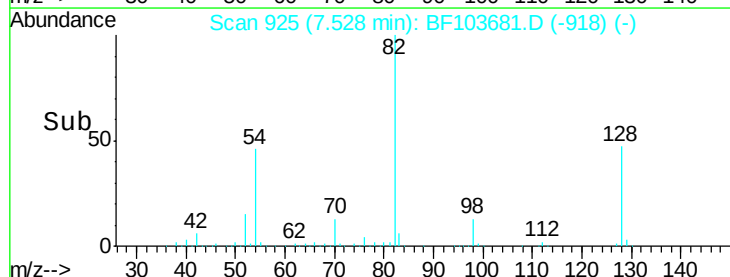
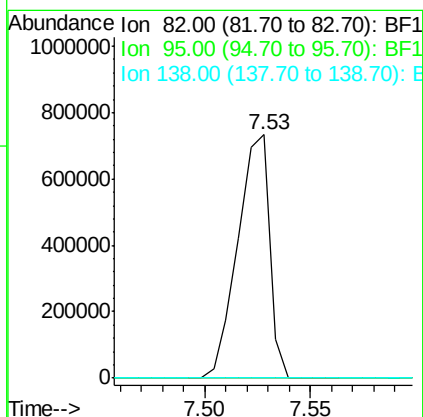
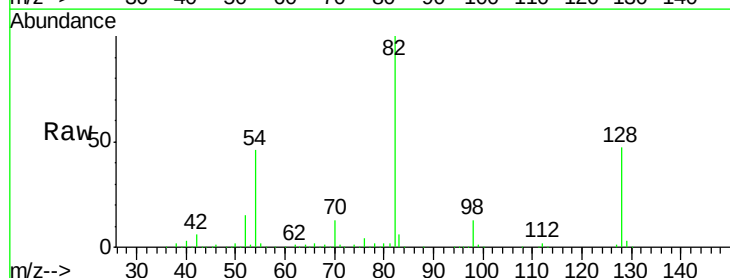
Instrument :
 BNA_F
 ClientSampleId :

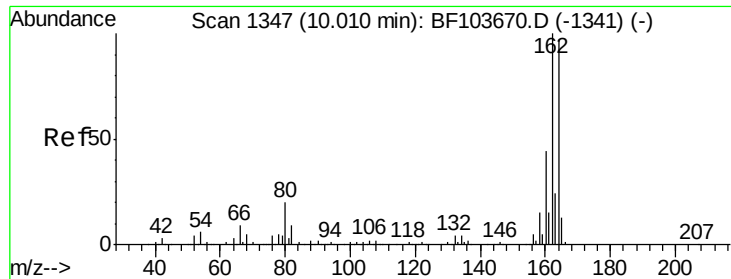
Tot Ion: 77 Resp: 2680
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 33.5 11.0 16.4#



#25
 Isophorone
 Concen: 33.927 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Tgt Ion: 82 Resp: 766951
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

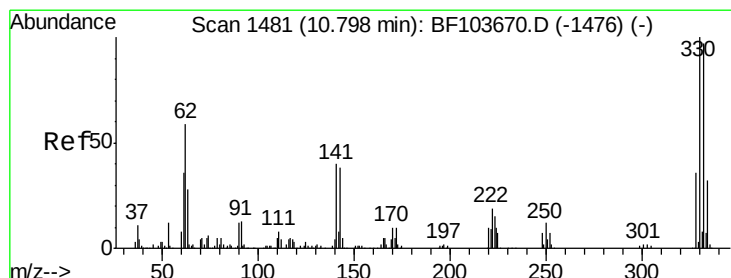
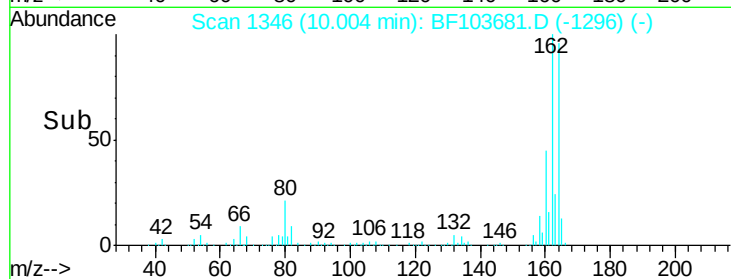
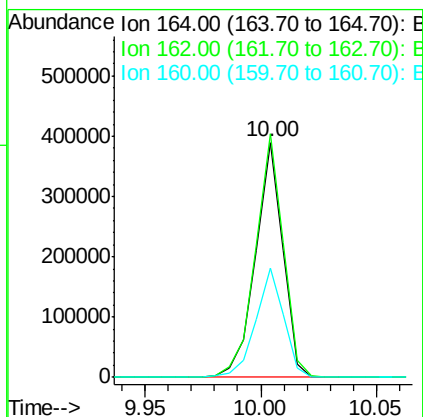
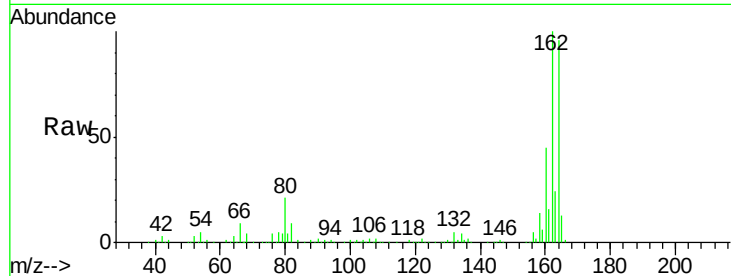




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

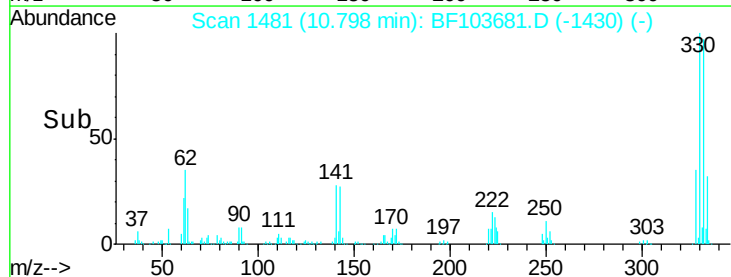
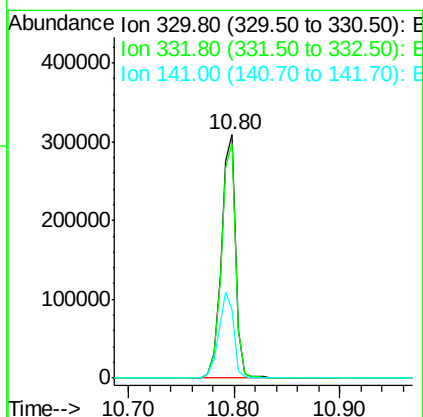
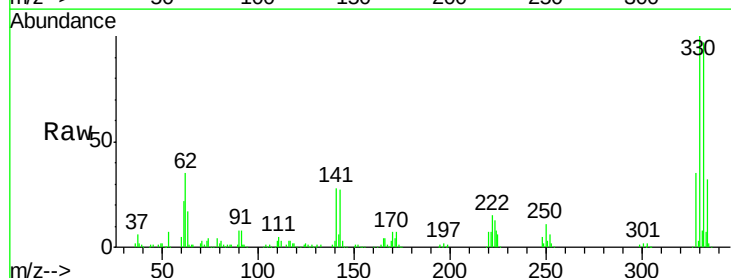
Instrument :
BNA_F
ClientSampleId :

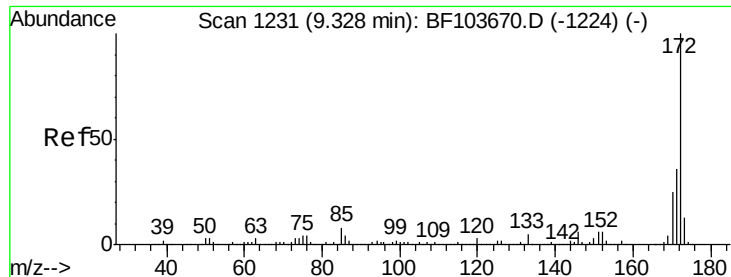
Tot Ion:164 Resp: 323366
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 46.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 105.550 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion:330 Resp: 293462
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 37.1 29.9 44.9



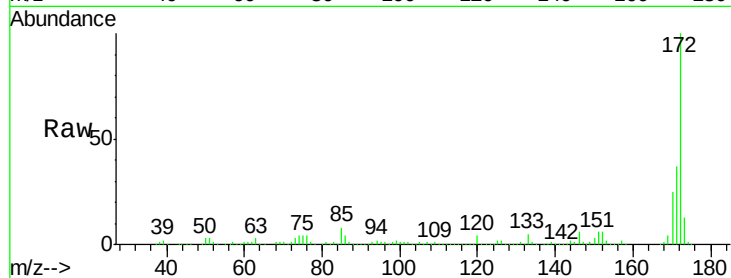


#44
 2-Fluorobiphenyl
 Concen: 69.657 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

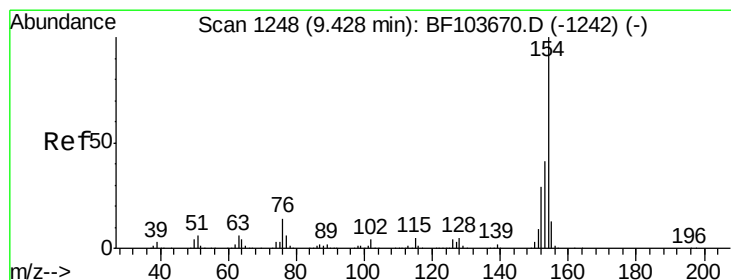
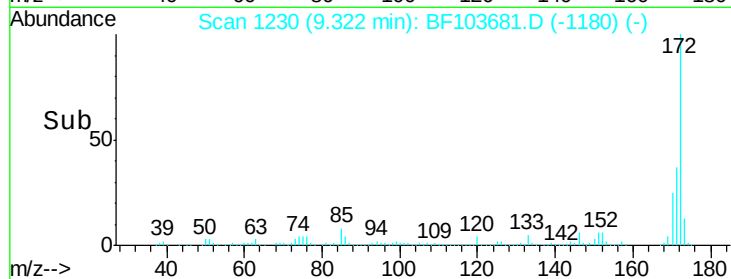
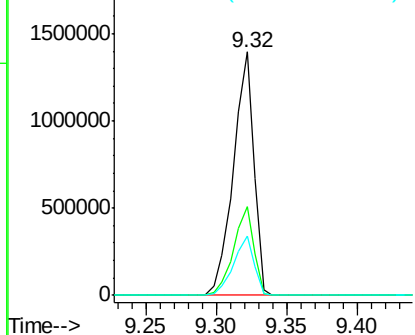
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1412065

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4



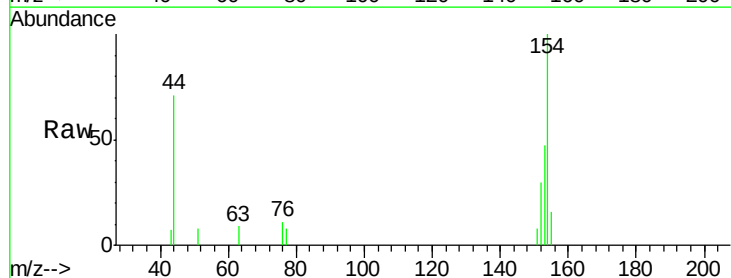
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



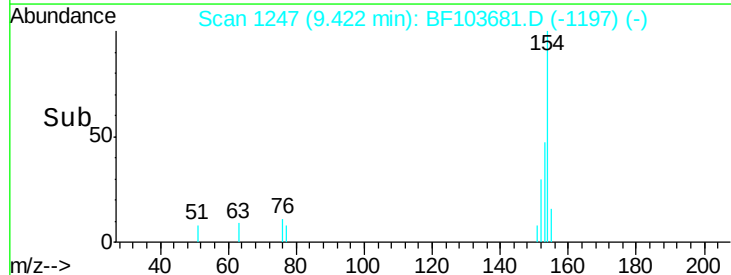
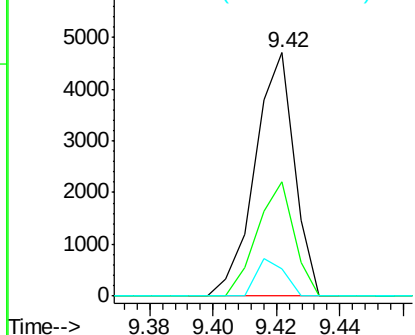
#45
 1,1'-Biphenyl
 Concen: 0.150 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

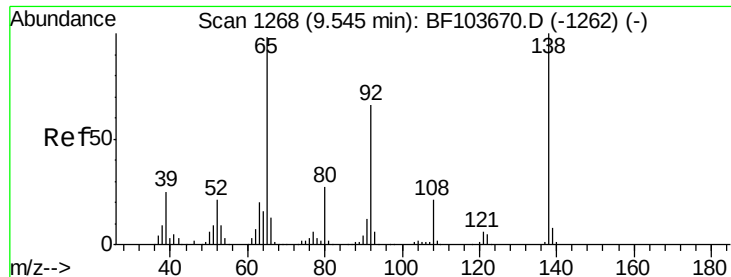
Tgt Ion:154 Resp: 4056

Ion	Ratio	Lower	Upper
154	100		
153	47.2	21.3	61.3
76	11.4	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

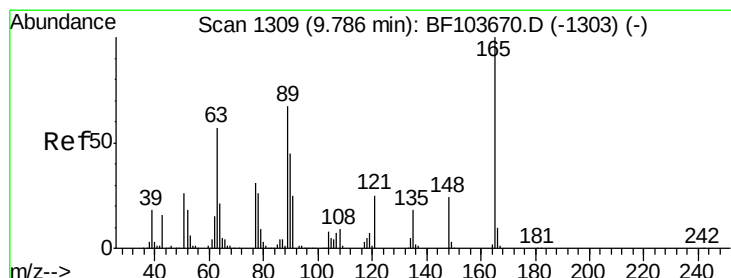
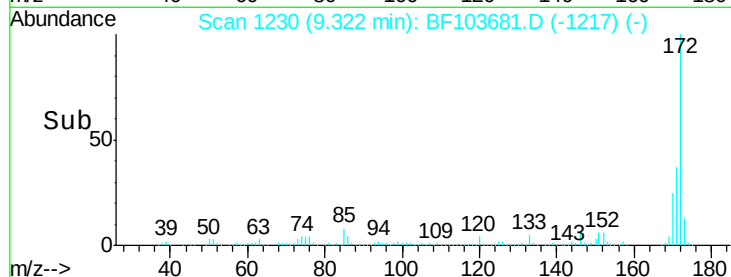
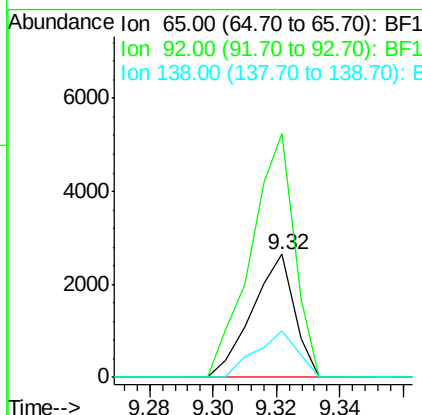
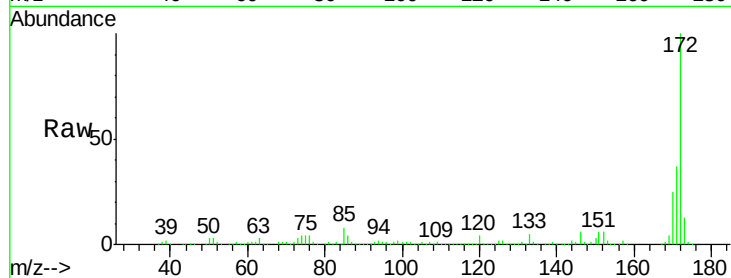




#47
2-Nitroaniline
Concen: 7.191 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.22 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

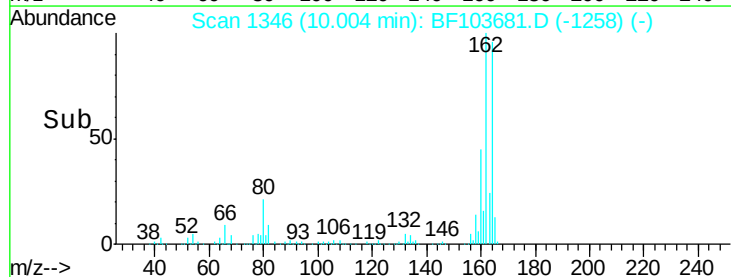
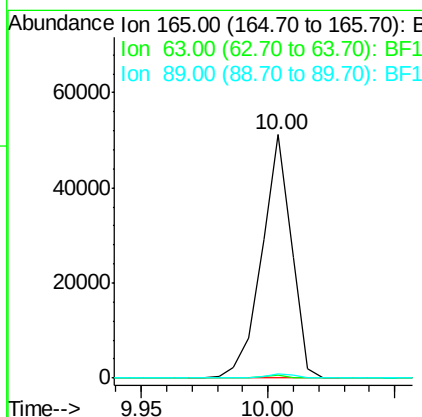
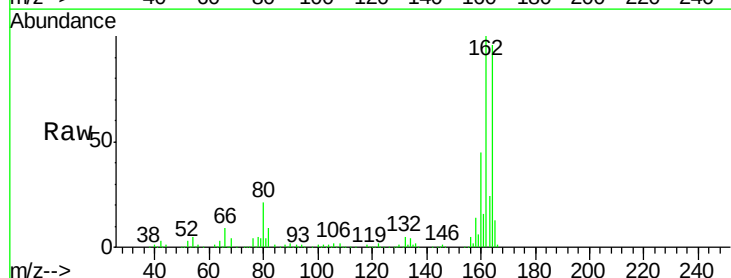
Instrument :
BNA_F
ClientSampleId :

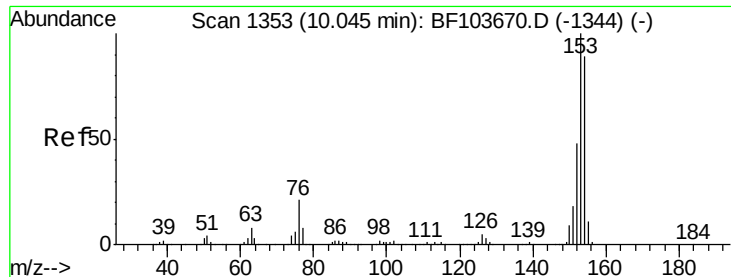
Tot Ion: 65 Resp: 2458
Ion Ratio Lower Upper
65 100
92 197.8 55.8 83.6#
138 37.9 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 12.024 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.22 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion:165 Resp: 41844
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.5 44.0 66.0#





#51

Acenaphthene

Concen: 0.050 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.04 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

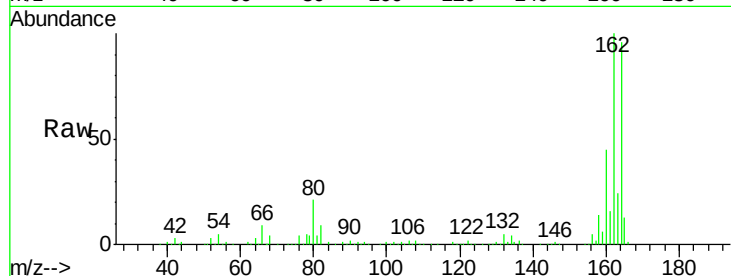
Tot Ion:154 Resp: 995

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

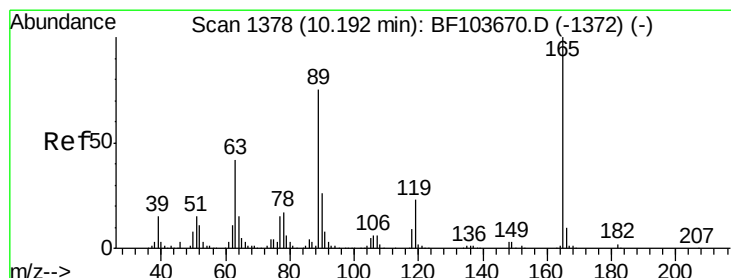
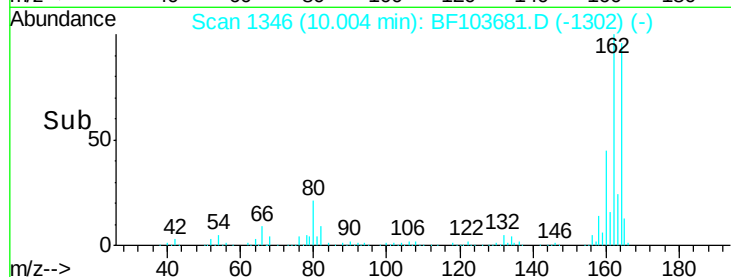
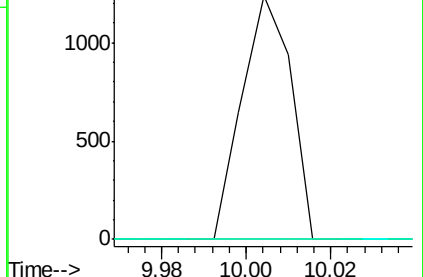
152 0.0 43.8 65.8#



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: 12.238 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.19 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Tgt Ion:165 Resp: 41844

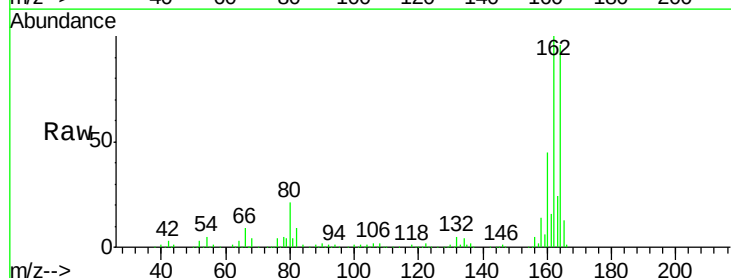
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

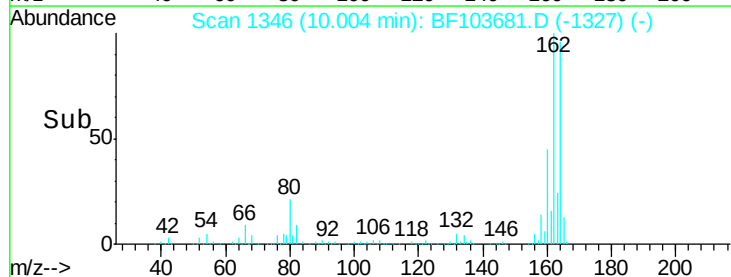
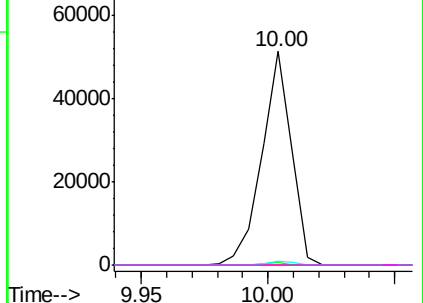


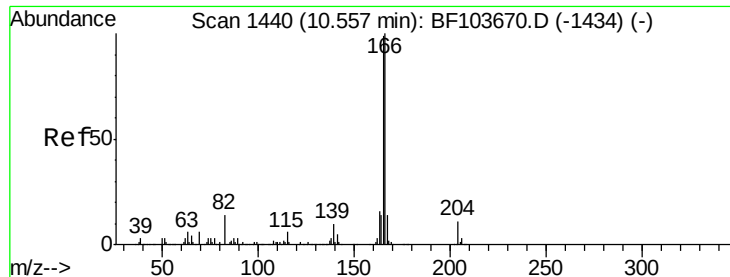
Abundance Ion 165.00 (164.70 to 165.70): E

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

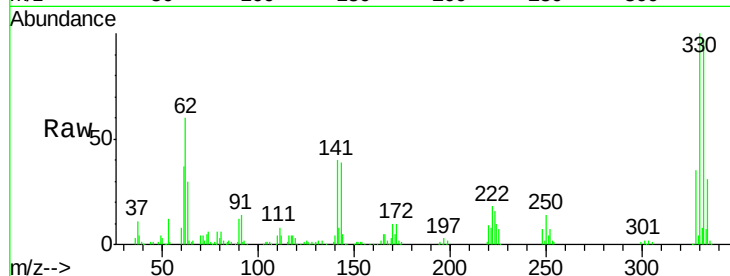




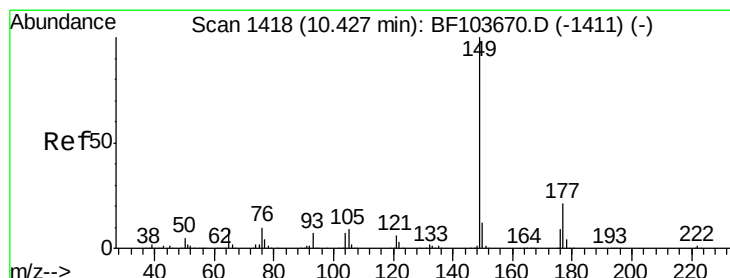
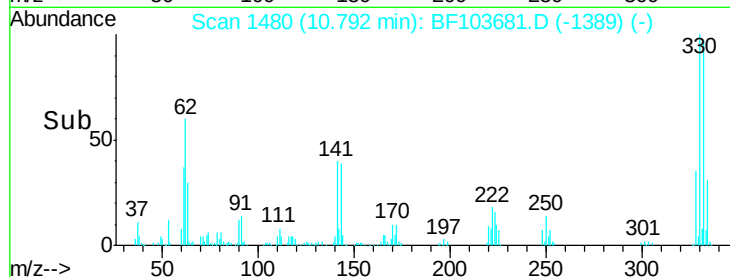
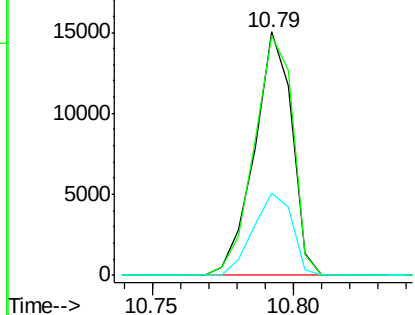
#57
 Fluorene
 Concen: 0.632 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.24 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 13807
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 34.0 10.6 16.0#

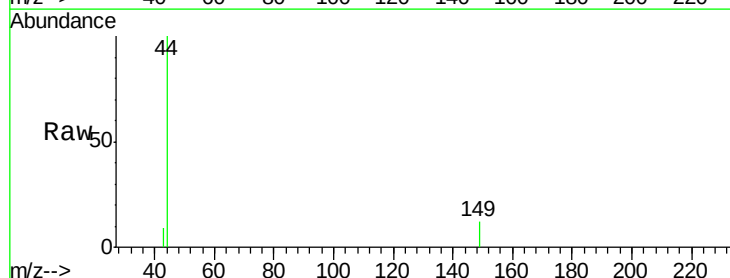


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

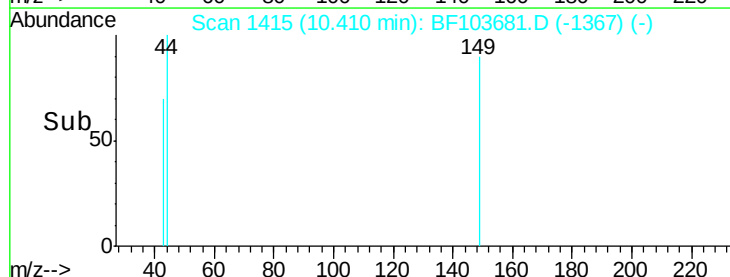
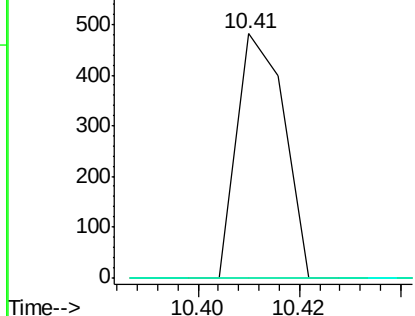


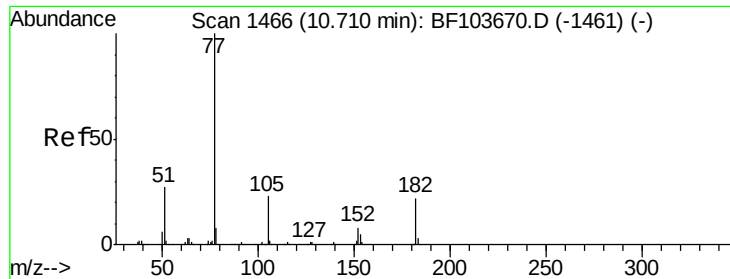
#59
 Diethylphthalate
 Concen: 0.013 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Tgt Ion:149 Resp: 311
 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

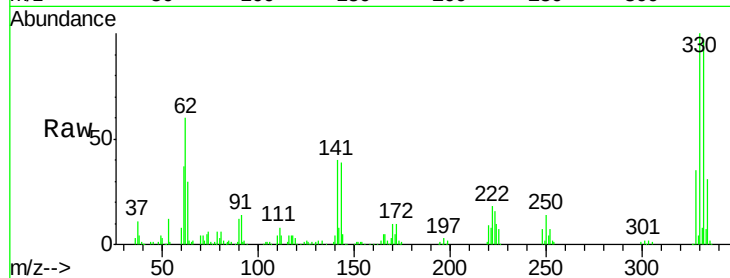




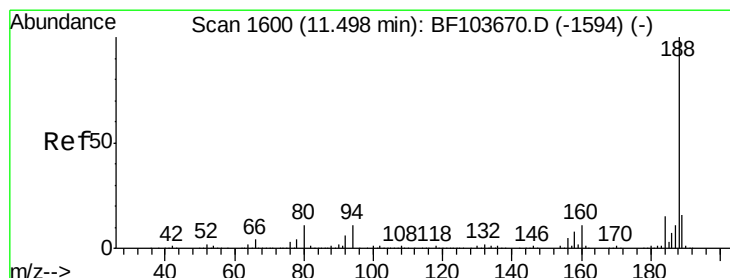
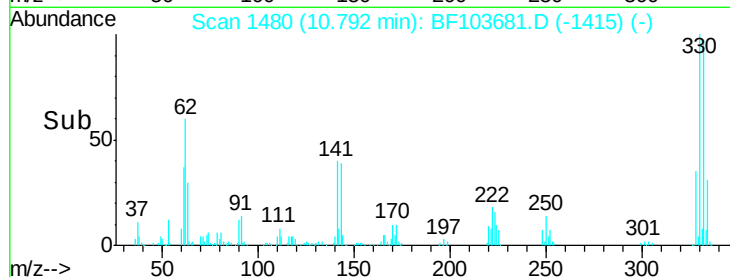
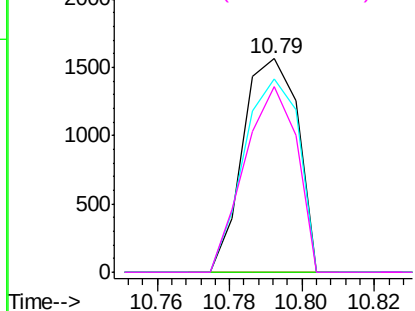
#62
Azobenzene
Concen: 0.066 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.08 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1638
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 90.5 3.0 43.0#
51 87.1 9.9 49.9#

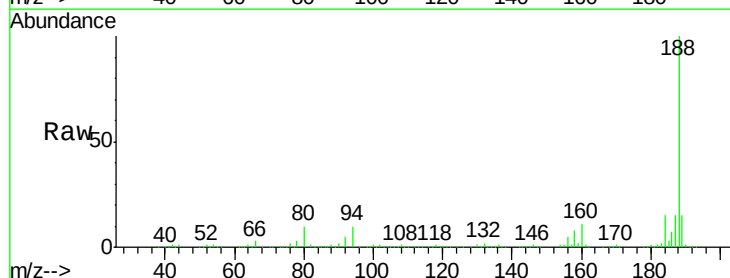


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

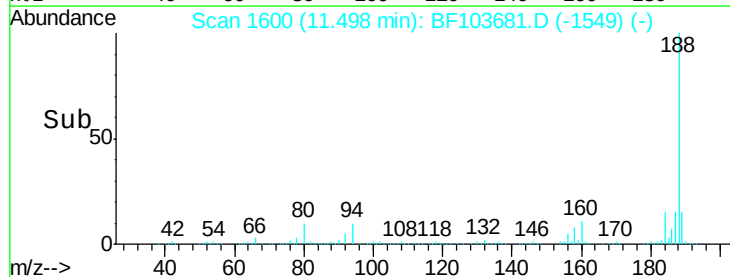
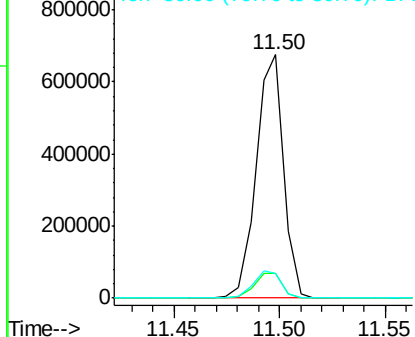


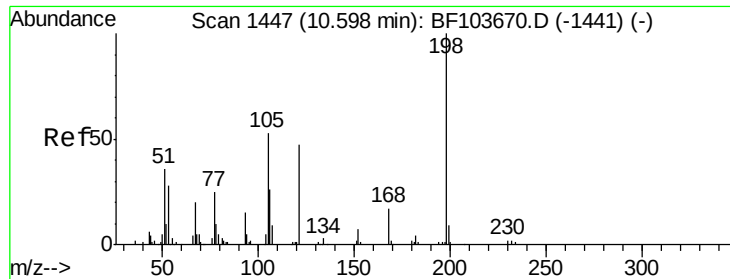
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion: 188 Resp: 609556
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.2 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

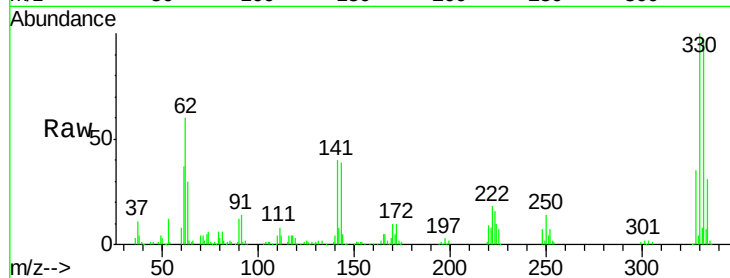




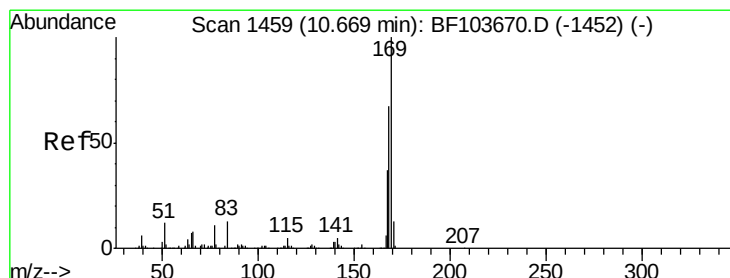
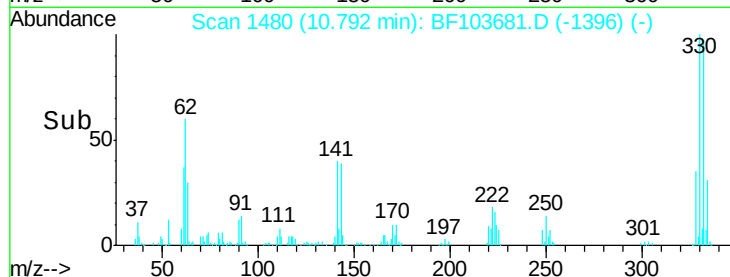
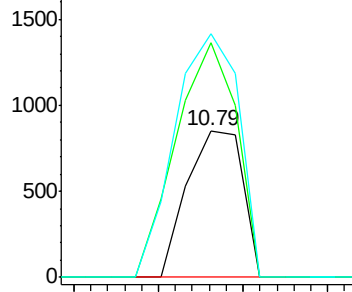
#64
4,6-Dinitro-2-methylphenol
Concen: 8.500 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.19 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 781
Ion Ratio Lower Upper
198 100
51 159.6 37.7 77.7#
105 165.8 36.3 76.3#

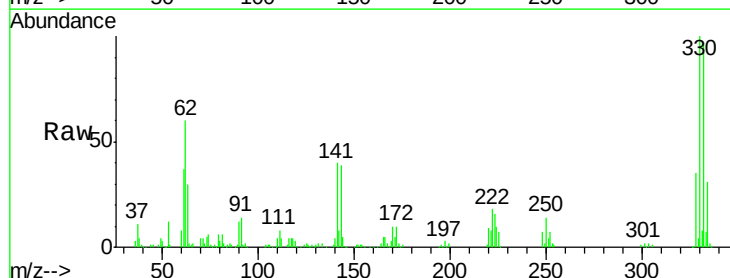


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

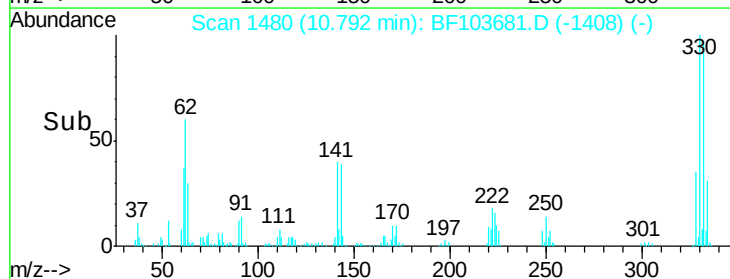
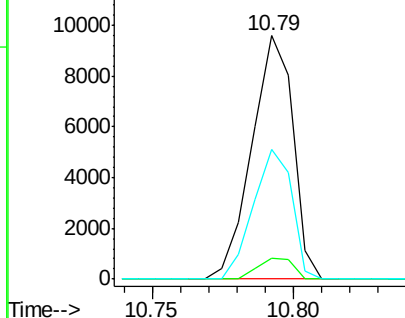


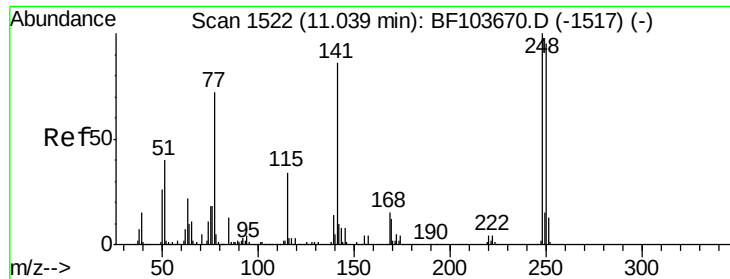
#65
n-Nitrosodiphenylamine
Concen: 0.466 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.12 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion:169 Resp: 9673
Ion Ratio Lower Upper
169 100
168 8.6 54.4 81.6#
167 53.3 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

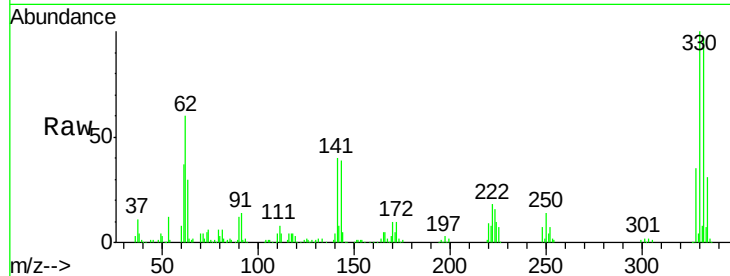




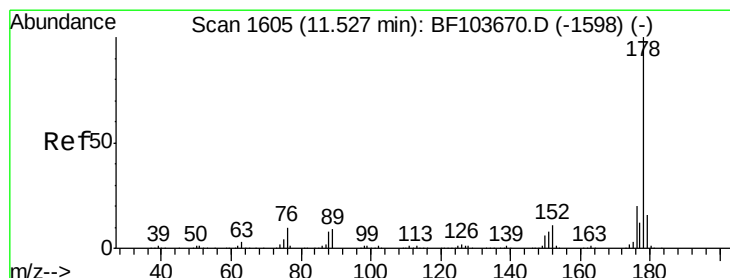
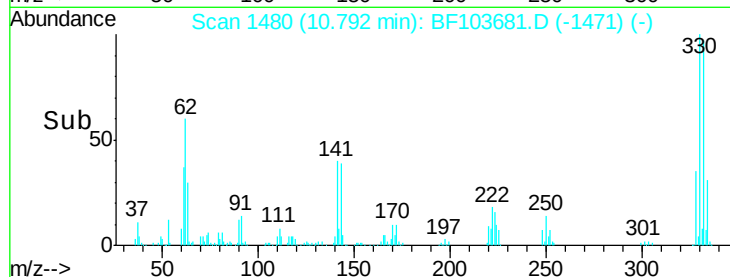
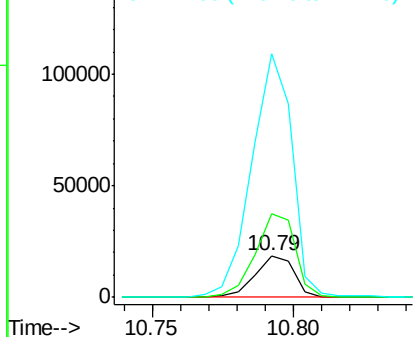
#66
 4-Bromophenyl-phenylether
 Concen: 2.859 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.25 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 17891
 Ion Ratio Lower Upper
 248 100
 250 199.7 76.9 115.3#
 141 581.1 74.4 111.6#

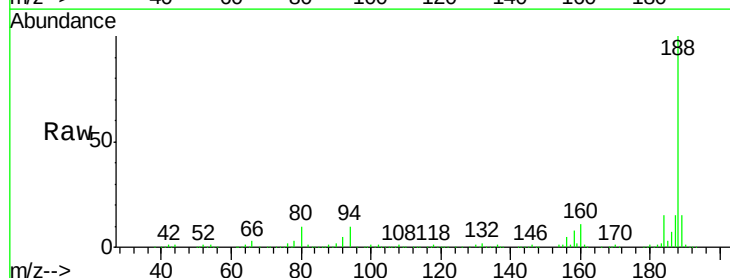


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

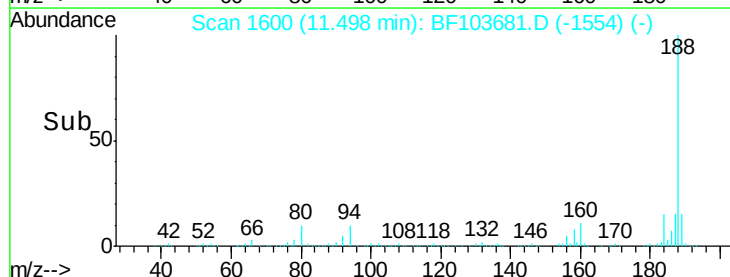
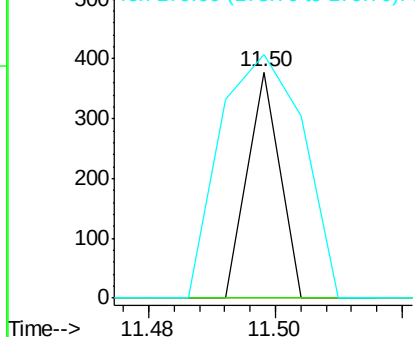


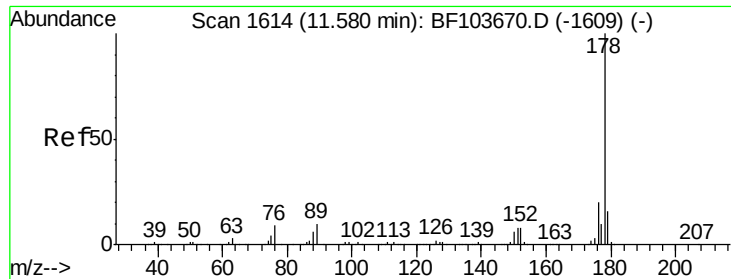
#70
 Phenanthrene
 Concen: 0.004 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.03 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Tgt Ion:178 Resp: 133
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 107.7 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.004 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.08 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampled :

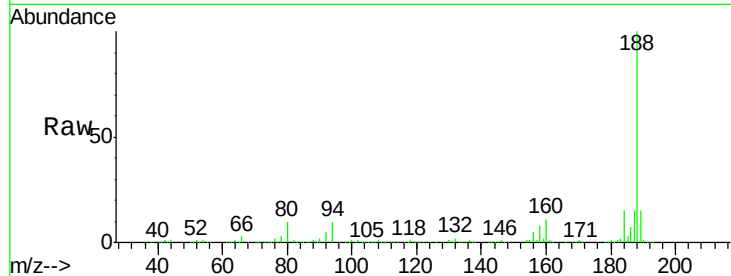
Tot Ion:178 Resp: 133

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

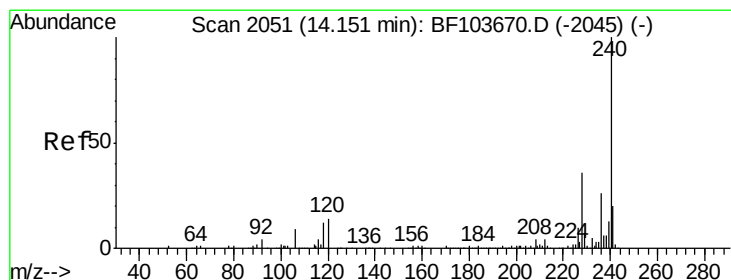
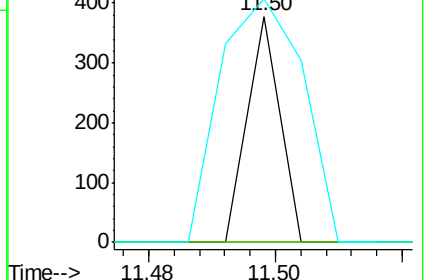
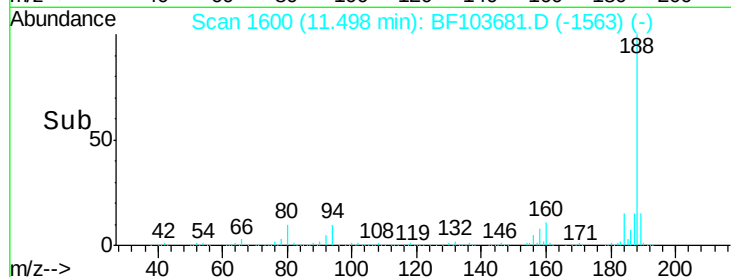
179 107.7 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

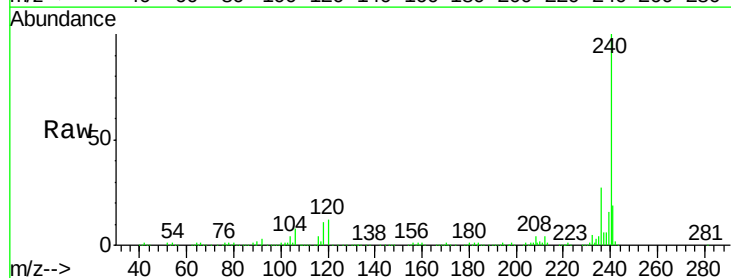
Tgt Ion:240 Resp: 518145

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

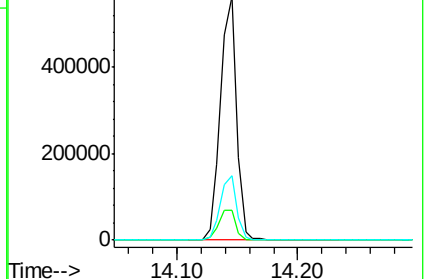
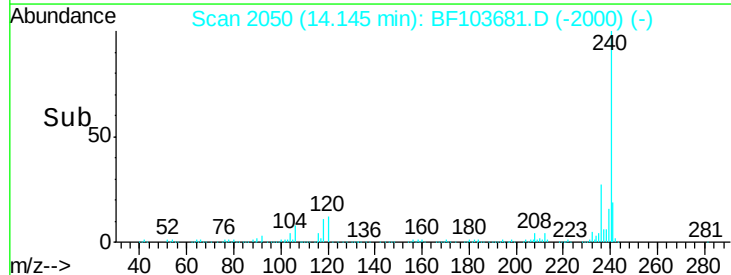
236 26.6 20.7 31.1

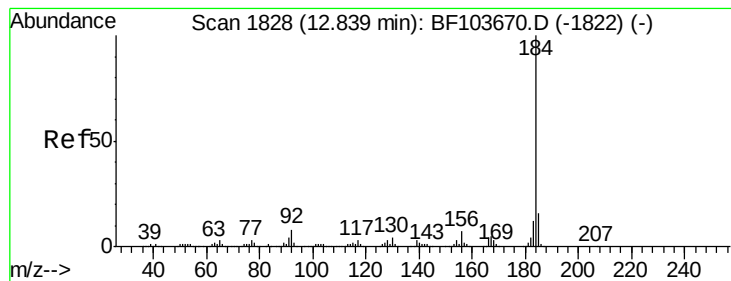


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.886 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.25 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

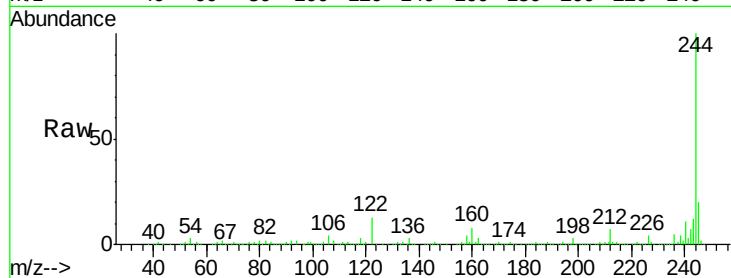
Tot Ion:184 Resp: 19582

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

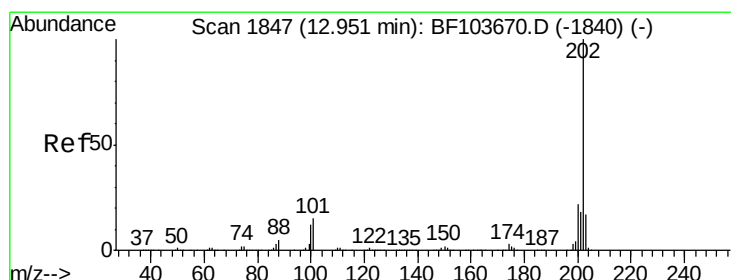
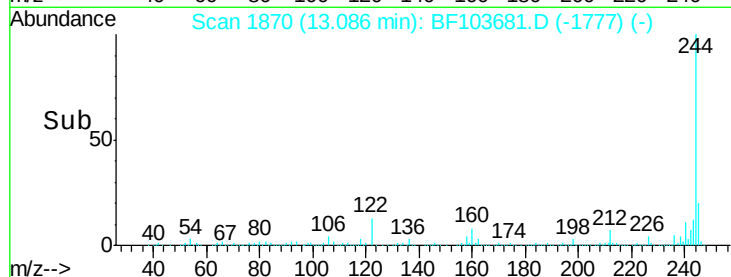
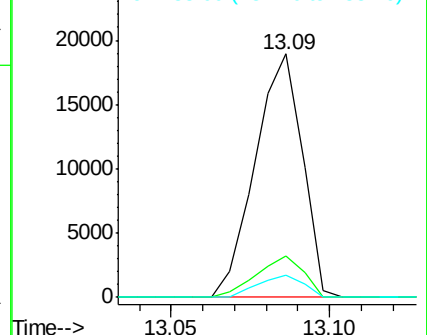
183 9.2 9.3 13.9#



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

Pyrene

Concen: 0.129 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.14 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

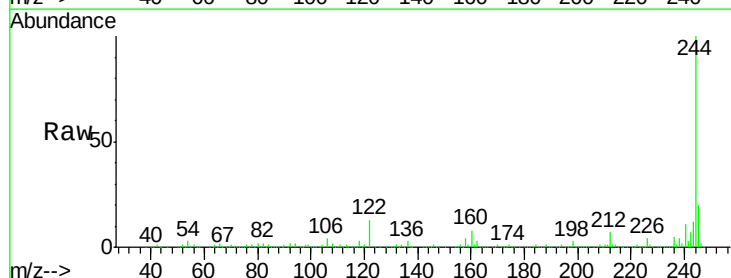
Tgt Ion:202 Resp: 4903

Ion Ratio Lower Upper

202 100

200 47.1 17.4 26.2#

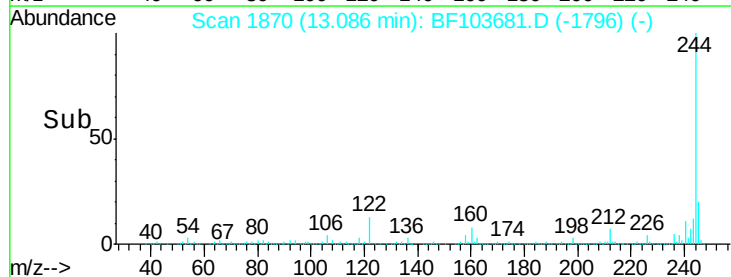
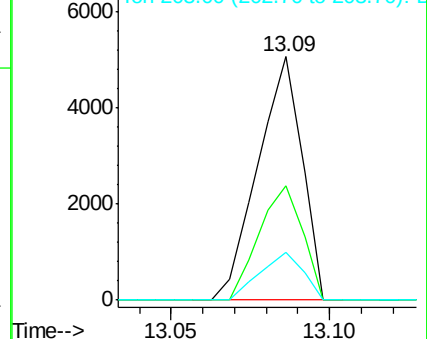
203 19.4 14.3 21.5

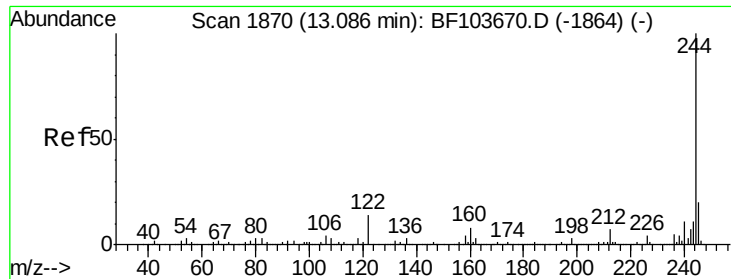


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.034 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

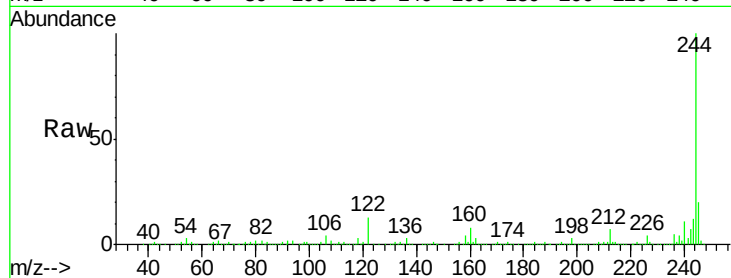
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1429415

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.9	11.0	16.4

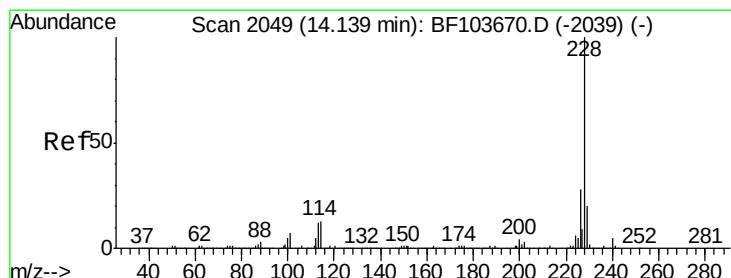
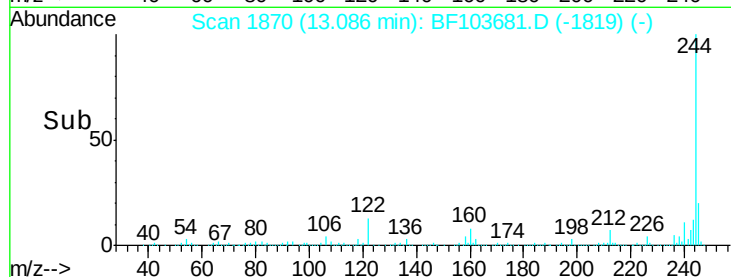
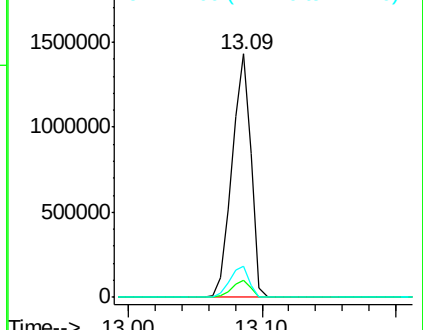


Abundance

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



#80

Benzo(a)anthracene

Concen: 0.039 ng

RT: 14.14 min Scan# 2050

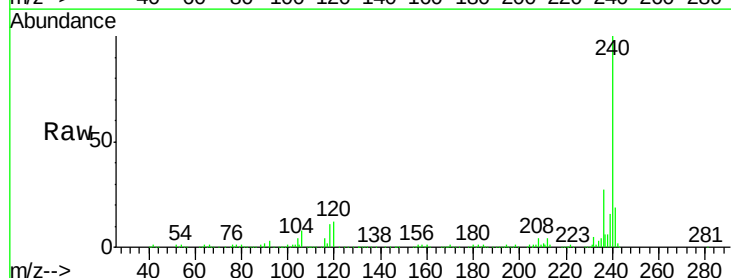
Delta R.T. 0.01 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Tgt Ion:228 Resp: 1265

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	31.6	15.8	23.6#

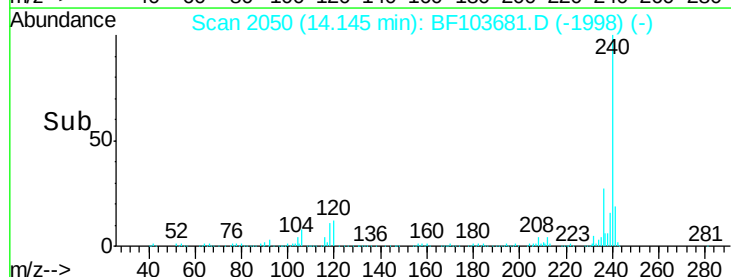
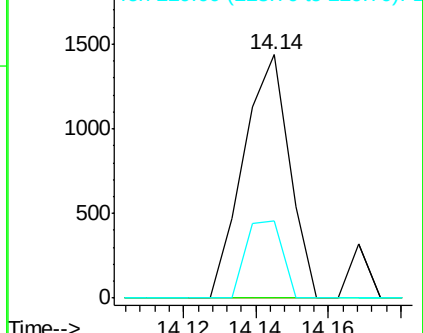


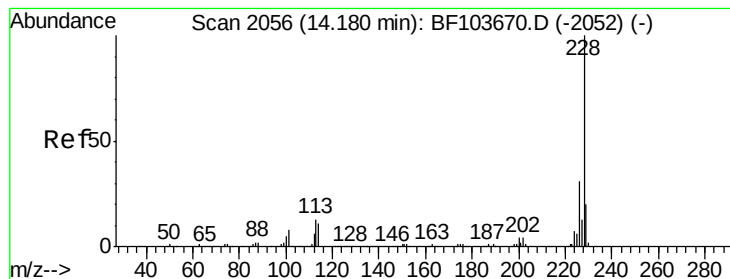
Abundance

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





#82

Chrysene

Concen: 0.004 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

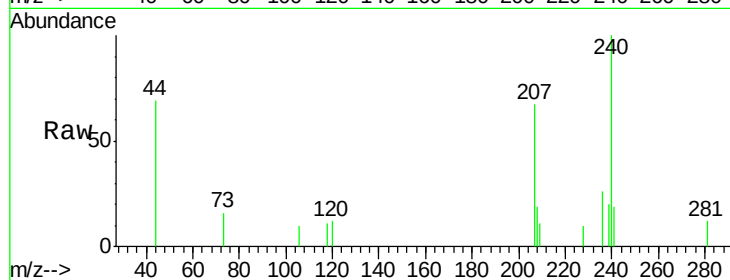
Tot Ion:228 Resp: 113

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

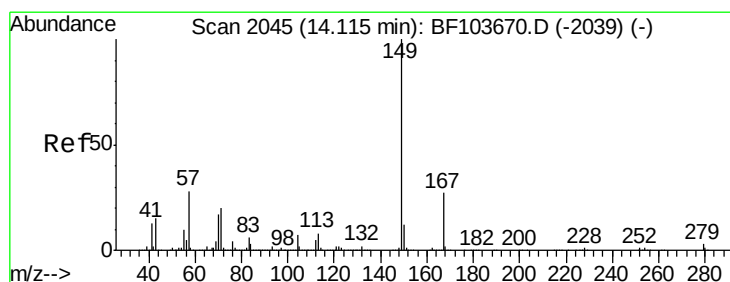
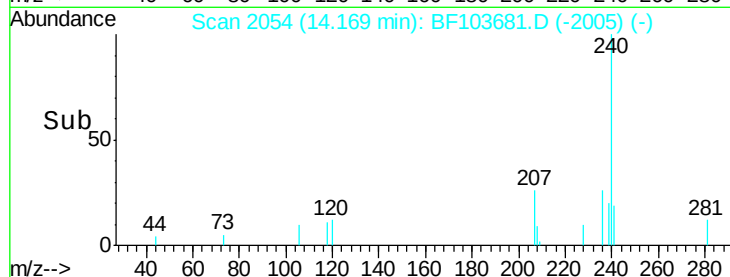
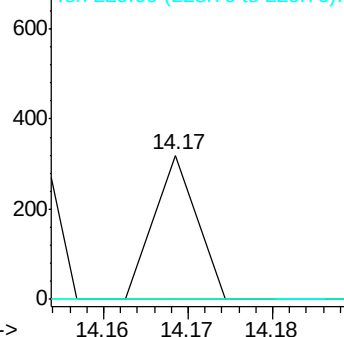
229 0.0 16.2 24.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.010 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.12 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

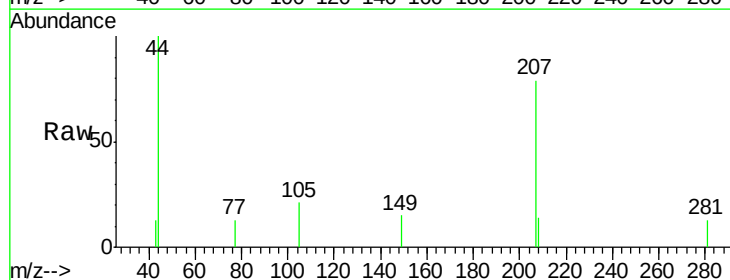
Tgt Ion:149 Resp: 241

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

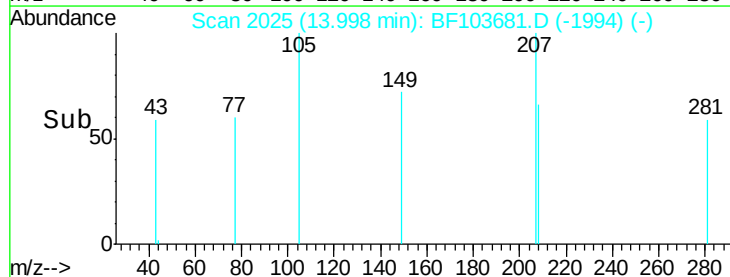
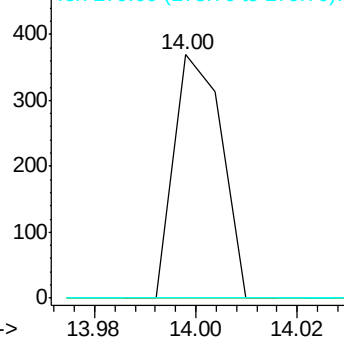
279 0.0 3.0 4.4#

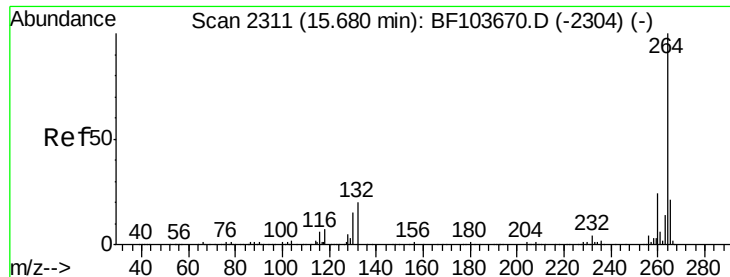


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

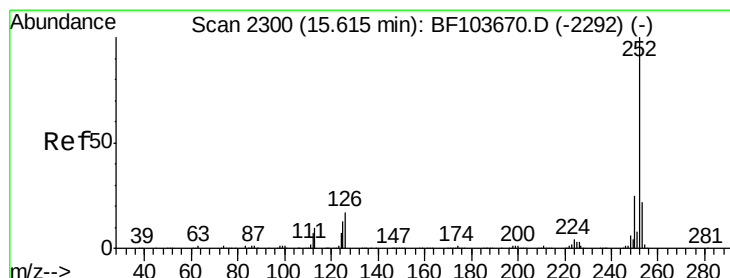
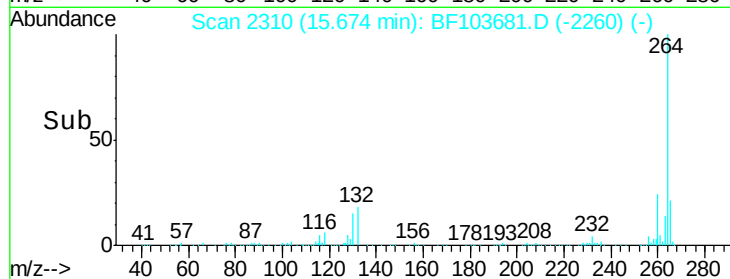
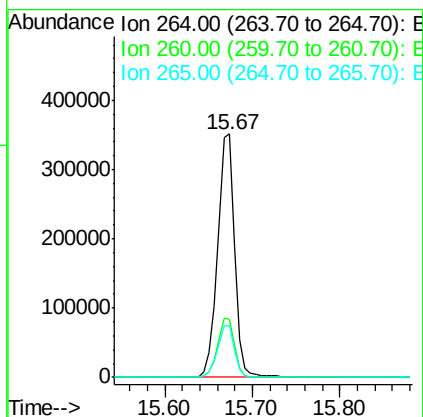
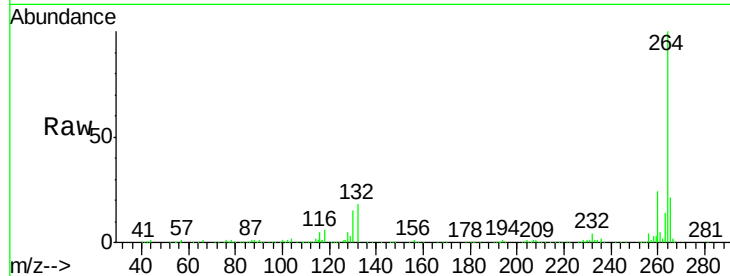




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 478155
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 17.5 26.3



#89
Benzo(a)pyrene
Concen: 0.054 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.06 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion:252 Resp: 1471
Ion Ratio Lower Upper
252 100
253 43.5 17.1 25.7#
125 0.0 9.8 14.6#

