

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106599.D
 Acq On : 19 Jun 2018 22:57
 Operator : JU/SJ
 Sample : J3498-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-D

Quant Time: Jun 20 01:06:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93460	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	337789	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	130312	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	220817	20.00	ng	0.00
75) Chrysene-d12	14.15	240	261934	20.00	ng	0.00
86) Perylene-d12	15.69	264	196127	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	517746	93.81	ng	0.00
7) Phenol-d6	6.60	99	631289	91.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	403865	66.44	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	123331	81.66	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	604836	77.21	ng	0.00
78) Terphenyl-d14	13.08	244	613465	56.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	258	0.091	ng	# 20
6) Aniline	6.74	93	736	0.079	ng	# 1
9) Benzaldehyde	6.74	77	11774	2.039	ng	80
10) Phenol	6.62	94	5100	0.648	ng	84
11) bis(2-Chloroethyl)ether	6.74	93	736	0.113	ng	# 1
15) Benzyl Alcohol	7.12	79	6718	1.214	ng	# 37
19) n-Nitroso-di-n-propylamine	7.52	70	53493	11.774	ng	# 76
24) Nitrobenzene	7.52	77	1198	0.193	ng	# 36
25) Isophorone	7.52	82	403857	37.706	ng	# 64
33) 4-Chloroaniline	8.32	127	121	0.018	ng	# 46
45) 1,1'-Biphenyl	9.42	154	851	0.082	ng	# 71
46) 2-Chloronaphthalene	9.71	162	417	0.051	ng	# 1
47) 2-Nitroaniline	9.71	65	586	0.213	ng	# 1
48) Acenaphthylene	9.86	152	1809	0.140	ng	# 72
49) Dimethylphthalate	9.71	163	75406	7.715	ng	98
50) 2,6-Dinitrotoluene	9.71	165	621	0.300	ng	# 1
51) Acenaphthene	10.04	154	108	0.013	ng	# 72
56) 2,4-Dinitrotoluene	10.00	165	16138	5.974	ng	# 21
57) Fluorene	10.55	166	257	0.029	ng	# 91
59) Diethylphthalate	10.41	149	405	0.043	ng	# 61
62) Azobenzene	10.80	77	501	0.054	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	3378	0.455	ng	# 41
66) 4-Bromophenyl-phenylether	10.80	248	8040	3.051	ng	# 1
70) Phenanthrene	11.52	178	1344	0.126	ng	94
71) Anthracene	11.52	178	1344	0.124	ng	94
72) Carbazole	11.73	167	125	0.012	ng	# 59
73) Di-n-butylphthalate	12.05	149	1150	0.096	ng	# 78
74) Fluoranthene	12.71	202	3426	0.292	ng	87
76) Benzidine	13.08	184	7603	1.019	ng	# 92
77) Pyrene	12.94	202	3809	0.221	ng	95
79) Butylbenzylphthalate	13.48	149	254	0.036	ng	# 73
80) Benzo(a)anthracene	14.14	228	3486	0.218	ng	# 43
81) 3,3'-Dichlorobenzidine	14.21	252	115	0.020	ng	# 27
82) Chrysene	14.17	228	2112	0.144	ng	# 82

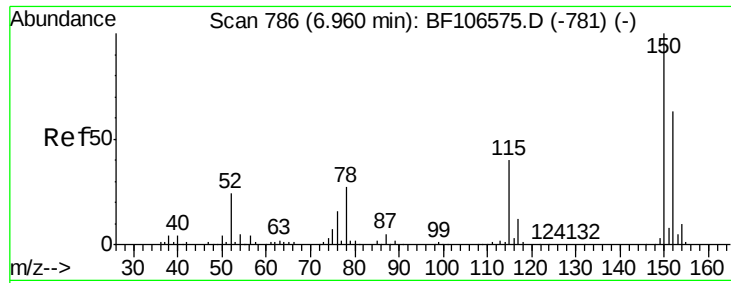
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106599.D
Acq On : 19 Jun 2018 22:57
Operator : JU/SJ
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QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	14.11	149	1776	0.196	ng	# 81
84) Di-n-octyl phthalate	14.72	149	295	0.020	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.25	276	1504	0.121	ng	# 70
87) Benzo(b)fluoranthene	15.23	252	4705	0.386	ng	# 15
88) Benzo(k)fluoranthene	15.23	252	4705	0.406	ng	# 18
89) Benzo(a)pyrene	15.62	252	2494	0.230	ng	# 18
90) Dibenzo(a,h)anthracene	17.26	278	243	0.026	ng	# 1
91) Benzo(g,h,i)perylene	17.74	276	1466	0.163	ng	# 55

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

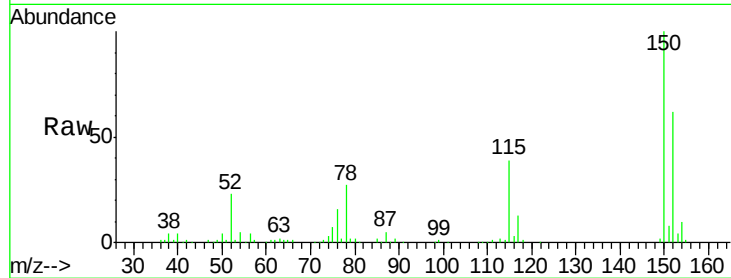
Tgt Ion:152 Resp: 93460

Ion Ratio Lower Upper

152 100

150 161.4 124.6 186.8

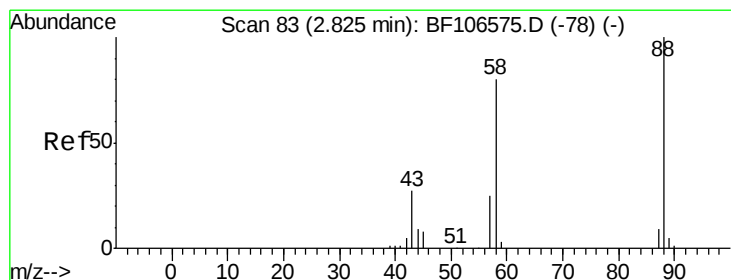
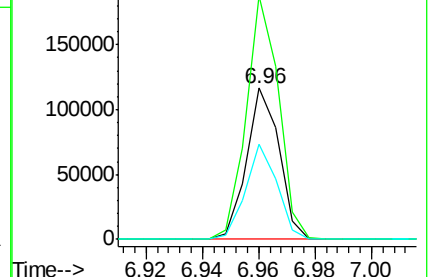
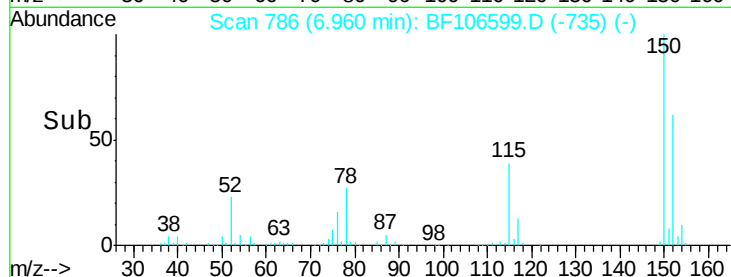
115 63.0 50.1 75.1



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



#2

1,4-Dioxane

Concen: 0.091 ng

RT: 2.62 min Scan# 48

Delta R.T. -0.21 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

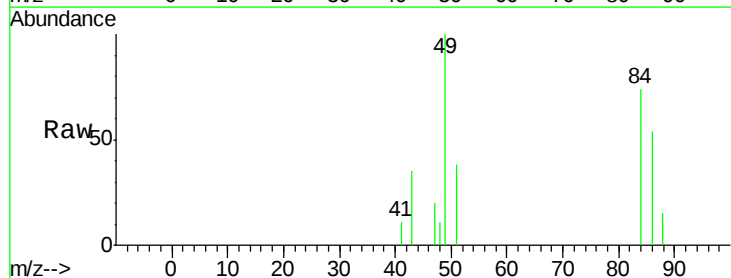
Tgt Ion: 88 Resp: 258

Ion Ratio Lower Upper

88 100

58 0.0 62.6 93.8#

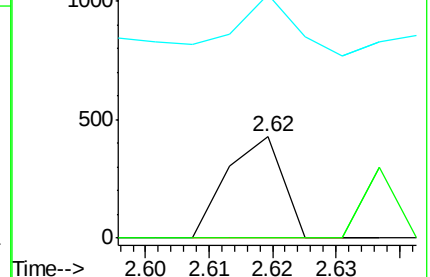
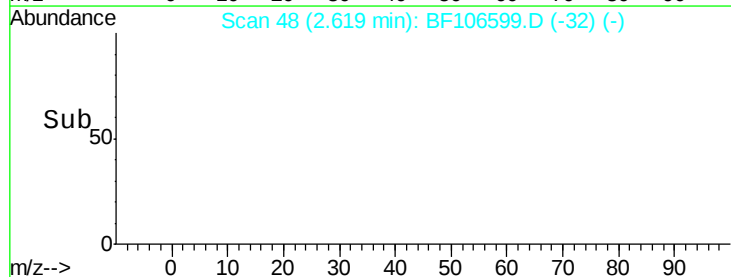
43 0.0 24.6 37.0#

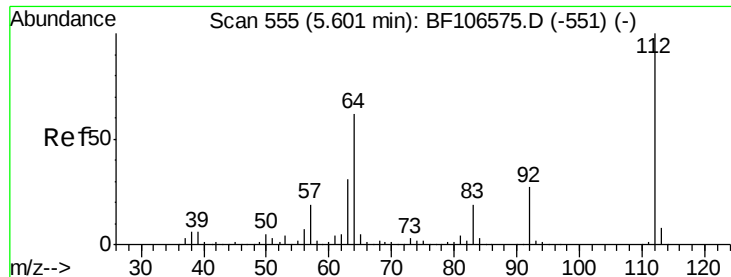


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 93.806 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

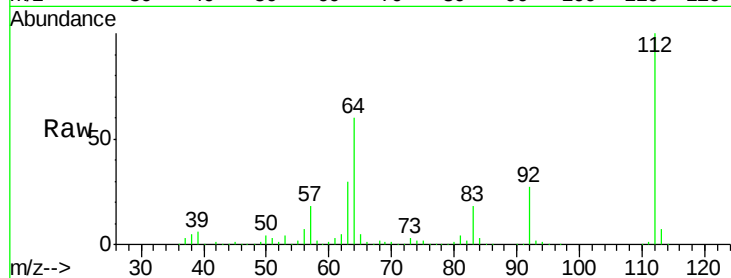
Tgt Ion: 112 Resp: 517746

Ion Ratio Lower Upper

112 100

64 60.2 47.9 71.9

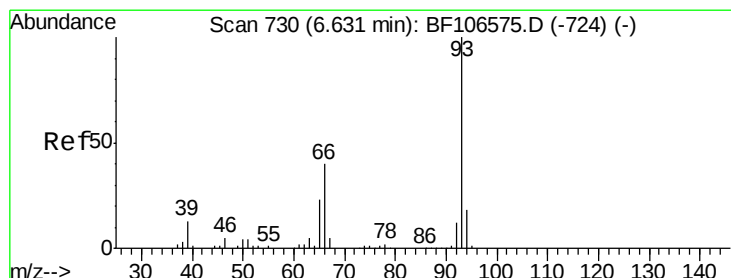
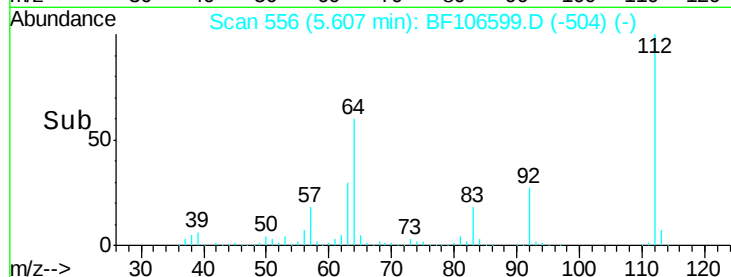
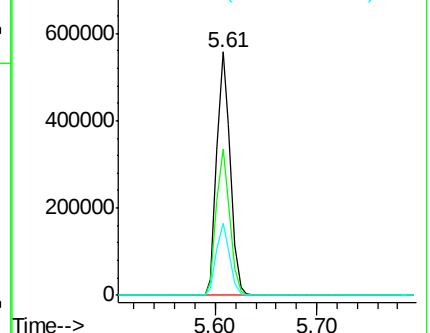
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.079 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.11 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

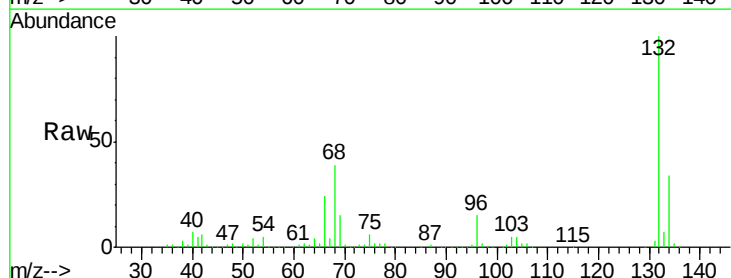
Tgt Ion: 93 Resp: 736

Ion Ratio Lower Upper

93 100

66 13510.4 32.2 48.2#

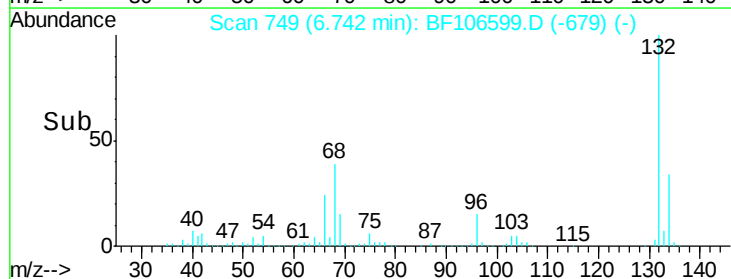
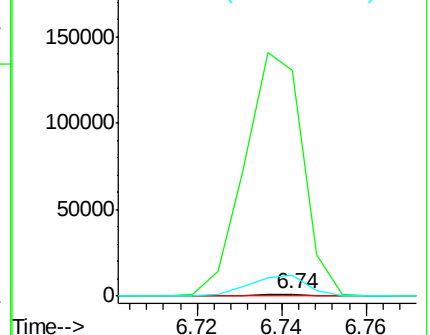
65 1218.8 16.4 24.6#

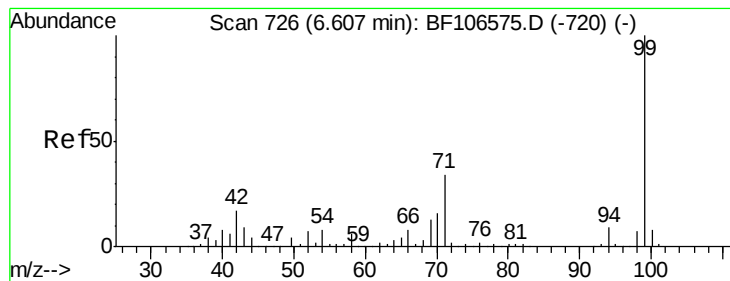


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.590 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

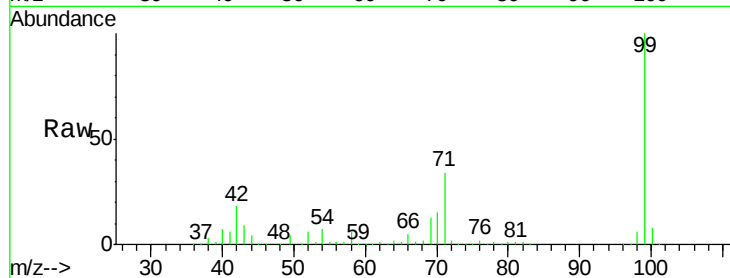
Tgt Ion: 99 Resp: 631289

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

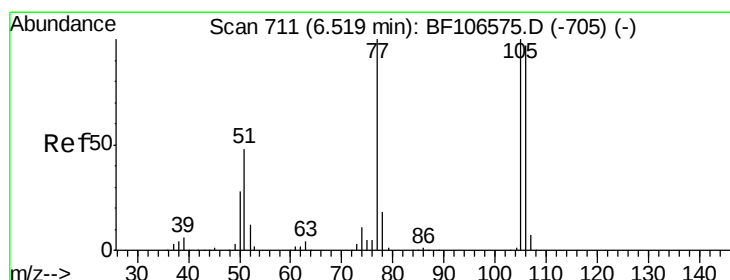
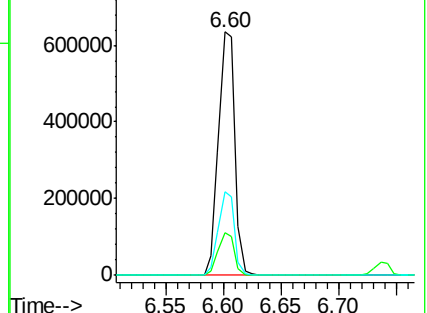
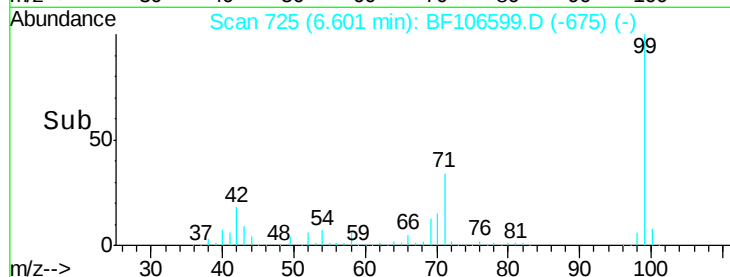
71 34.4 25.4 38.0



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: 2.039 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

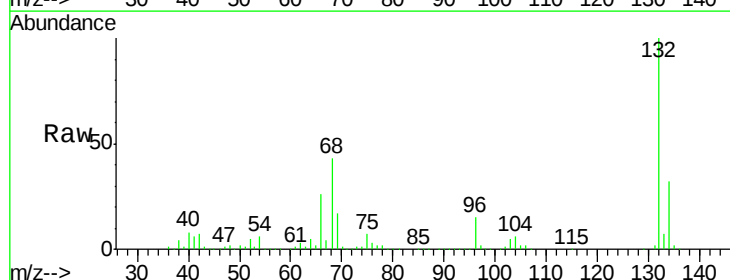
Tgt Ion: 77 Resp: 11774

Ion Ratio Lower Upper

77 100

105 81.1 81.1 121.1

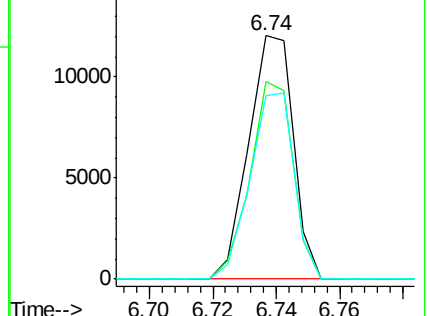
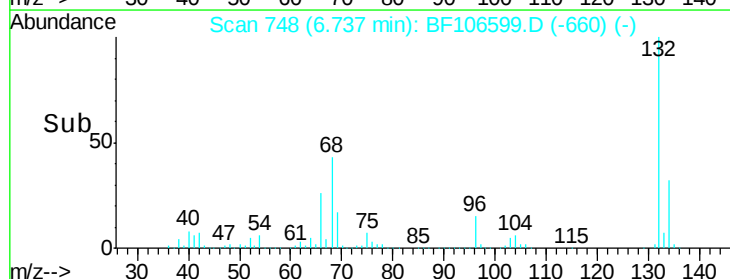
106 75.4 74.5 114.5

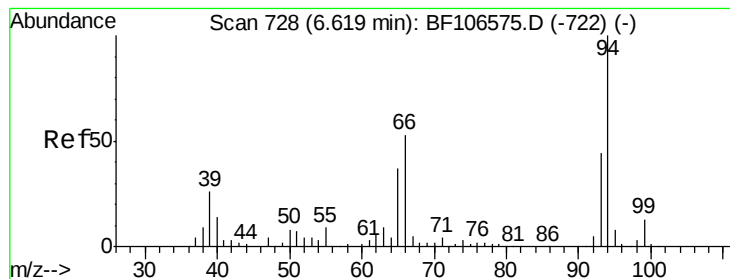


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.648 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

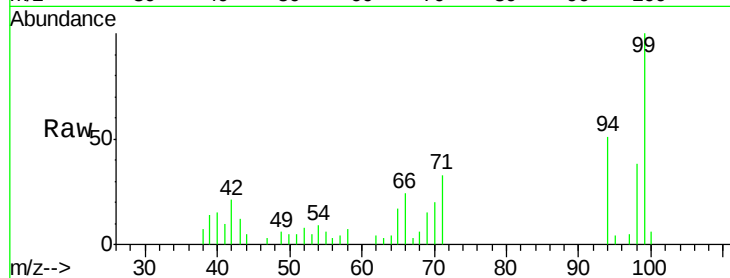
Tgt Ion: 94 Resp: 5100

Ion Ratio Lower Upper

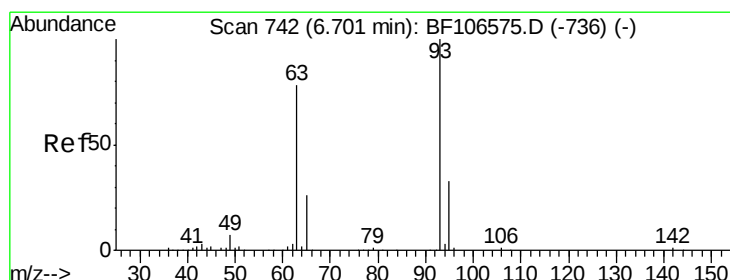
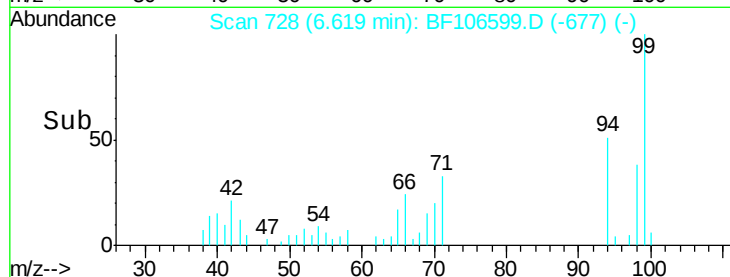
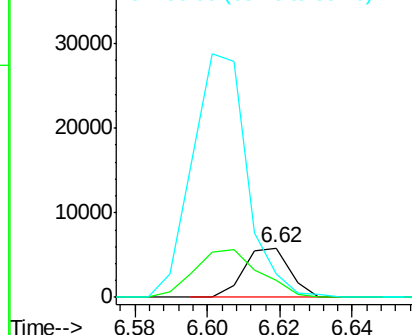
94 100

65 34.1 7.9 47.9

66 47.6 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: 0.113 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.04 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

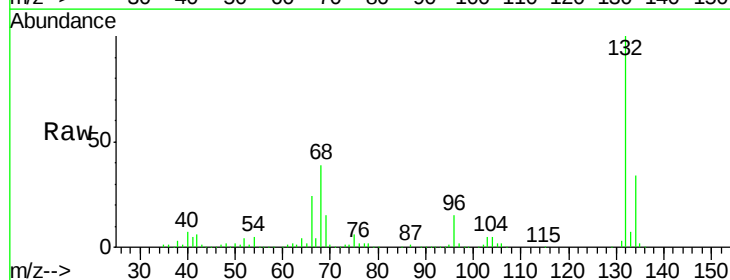
Tgt Ion: 93 Resp: 736

Ion Ratio Lower Upper

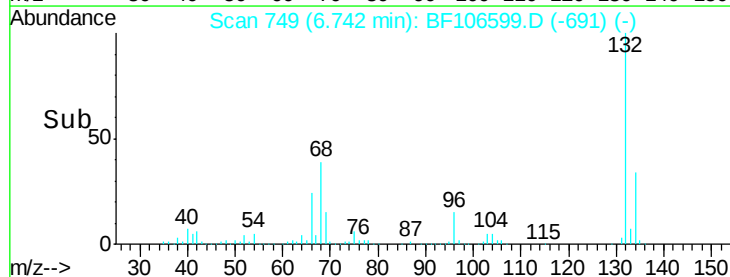
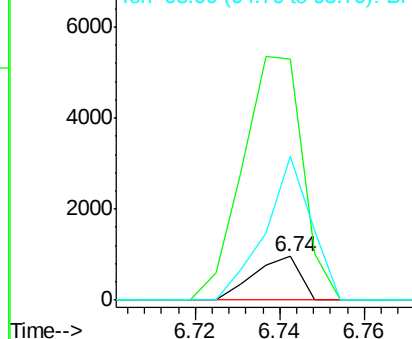
93 100

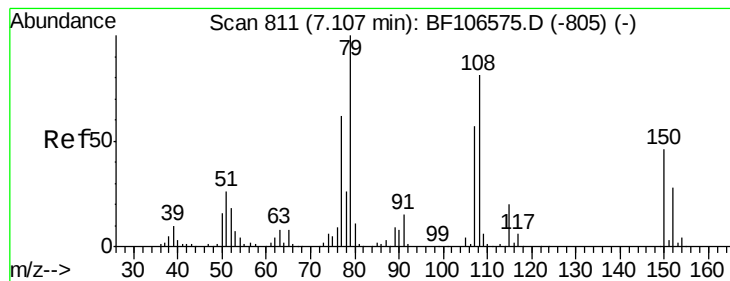
63 548.3 58.6 98.6#

95 327.2 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: 1.214 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

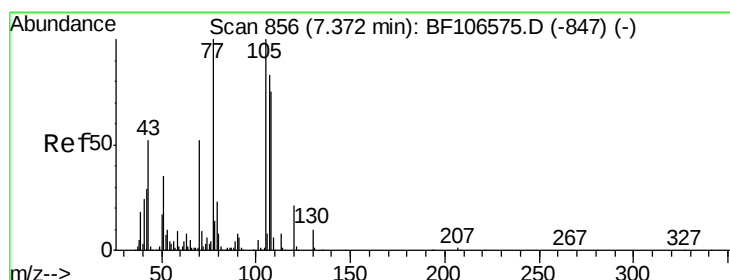
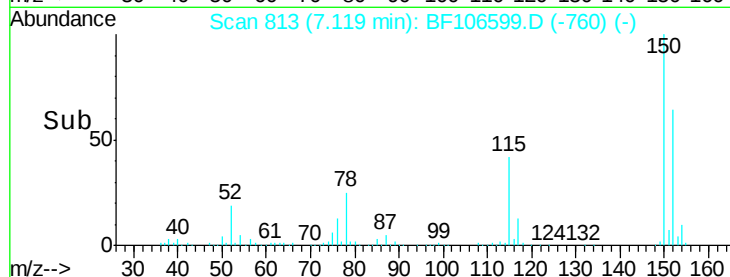
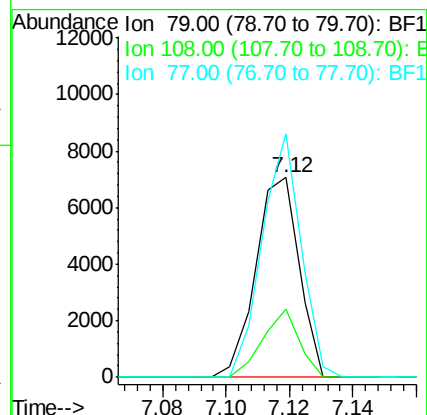
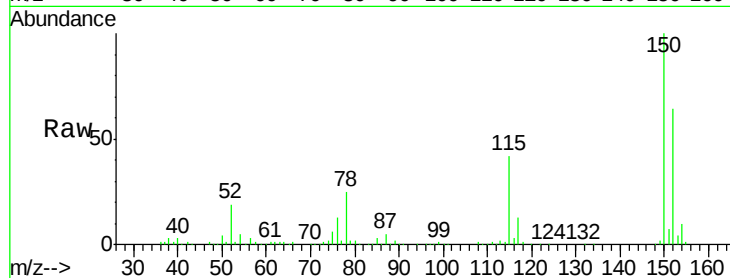
Tgt Ion: 79 Resp: 6718

Ion Ratio Lower Upper

79 100

108 34.2 65.1 97.7#

77 122.1 50.6 75.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.774 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Tgt Ion: 70 Resp: 53493

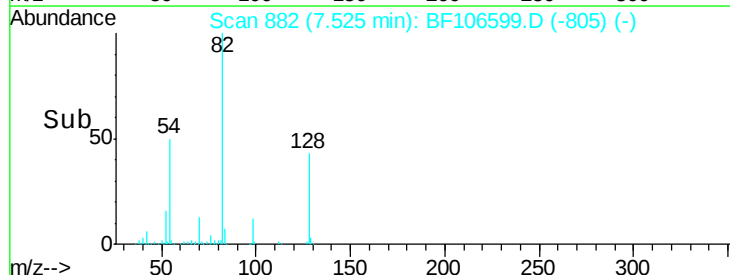
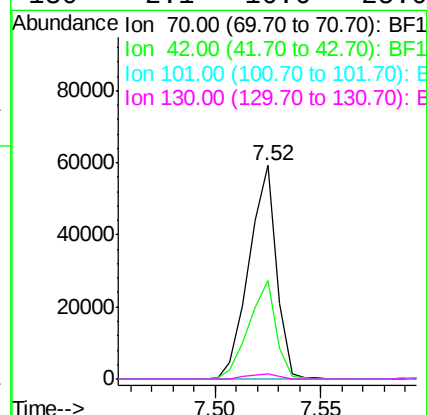
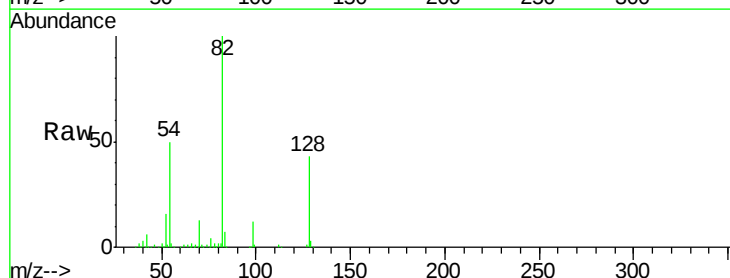
Ion Ratio Lower Upper

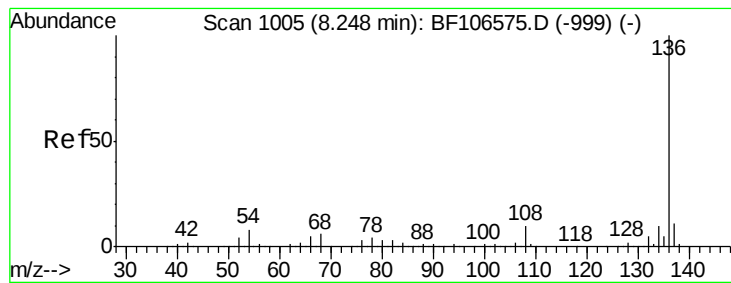
70 100

42 46.0 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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

Tgt Ion:136 Resp: 337789

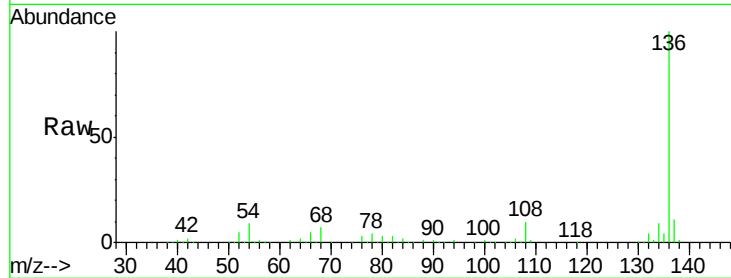
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.8 5.0 7.4

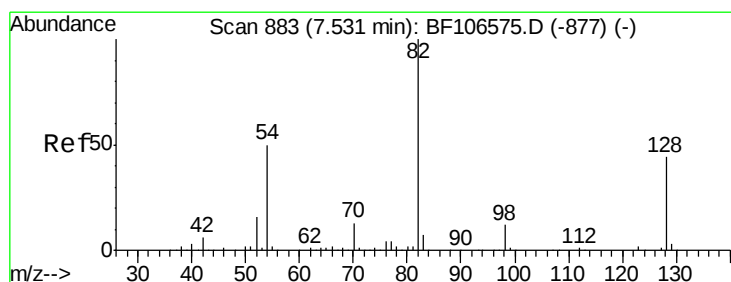
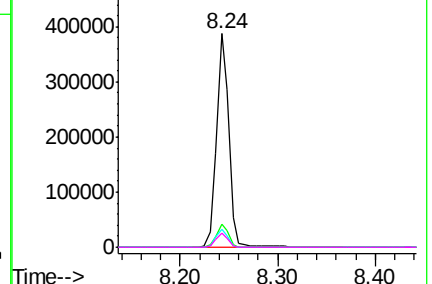
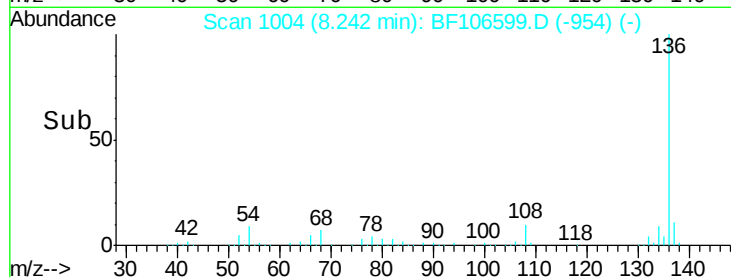


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.444 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

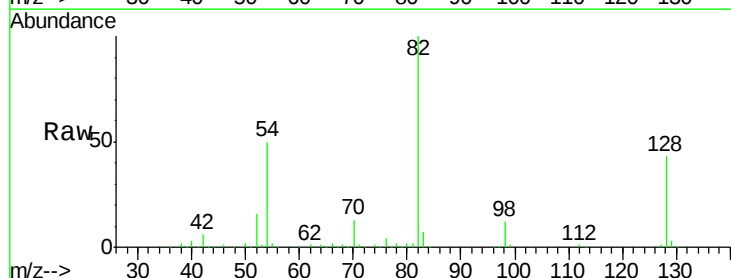
Tgt Ion: 82 Resp: 403865

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

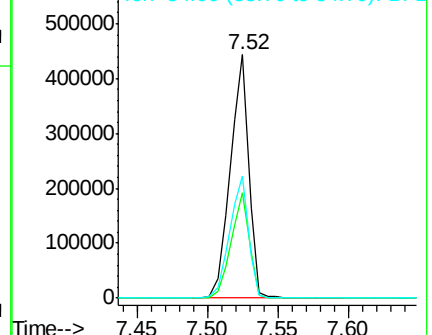
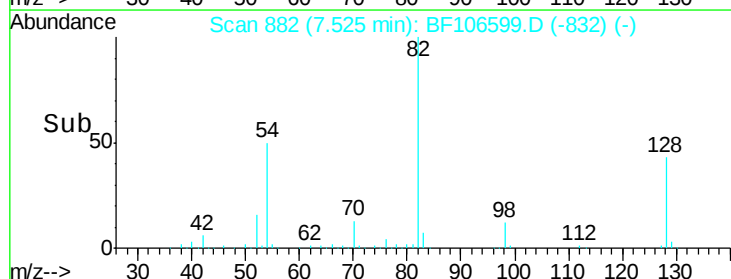
54 50.2 41.4 62.2

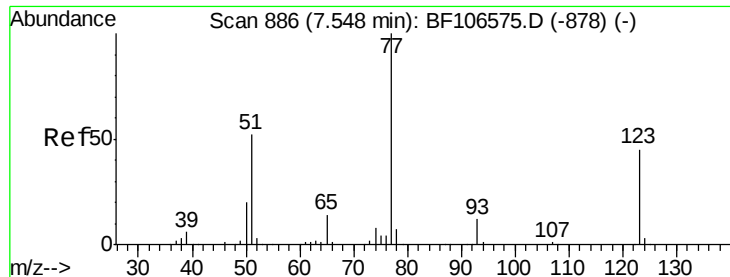


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.193 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampled :

TP-G-D

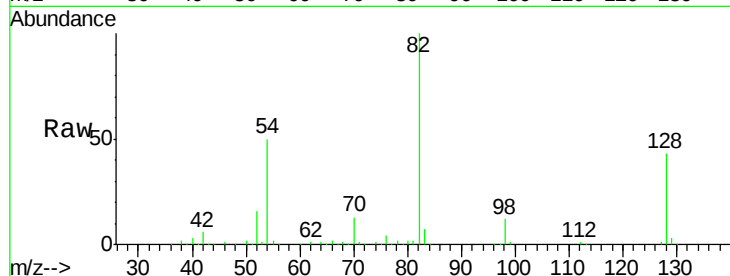
Tgt Ion: 77 Resp: 1198

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

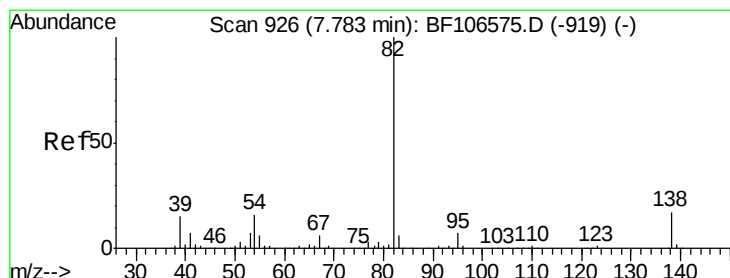
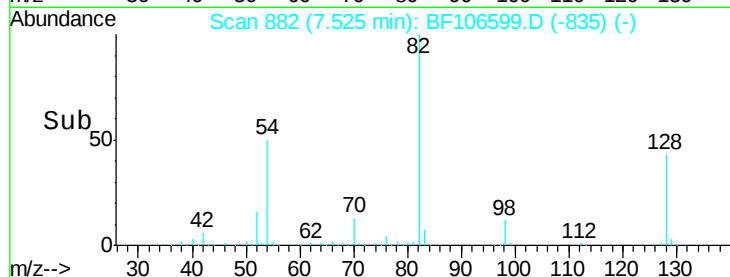
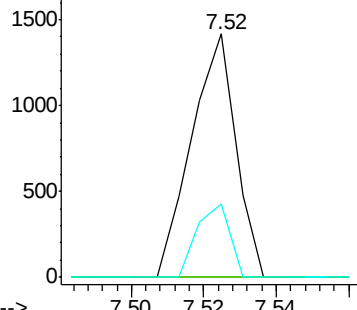
65 29.9 11.0 16.4#



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: 37.706 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

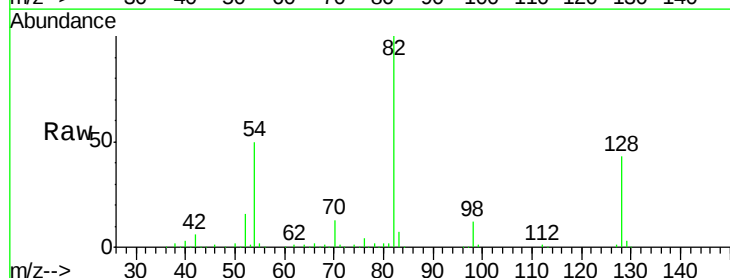
Tgt Ion: 82 Resp: 403857

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

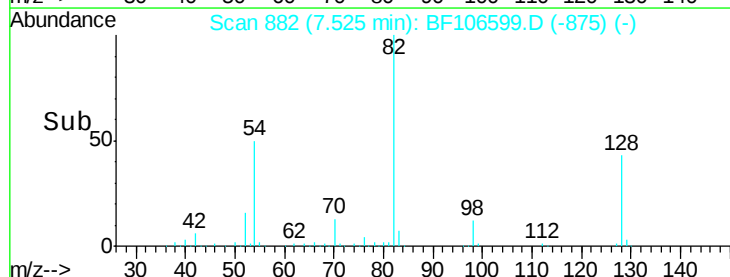
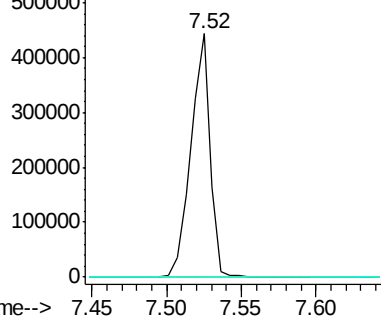
138 0.0 14.9 22.3#

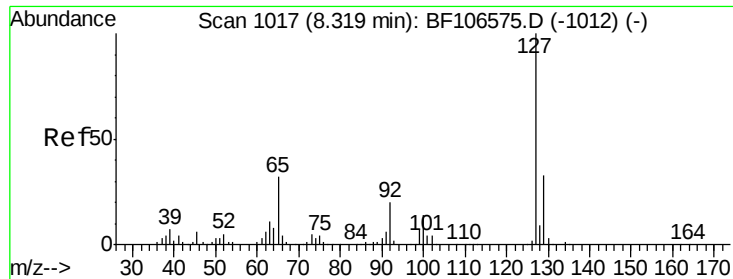


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

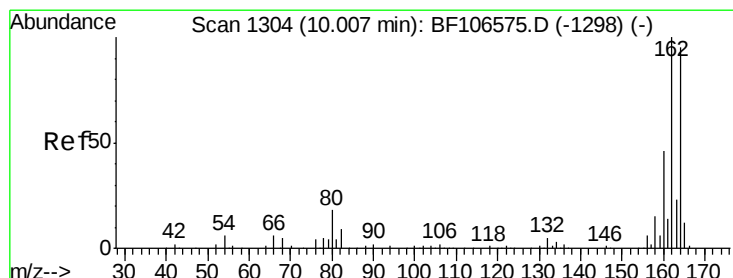
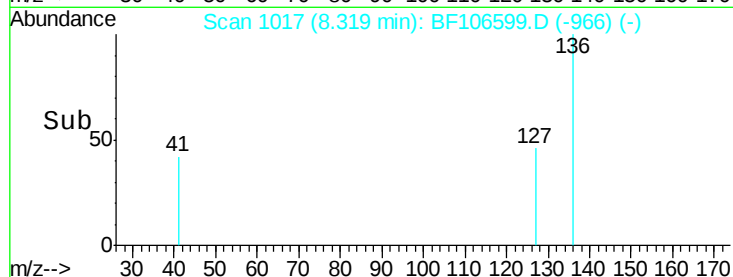
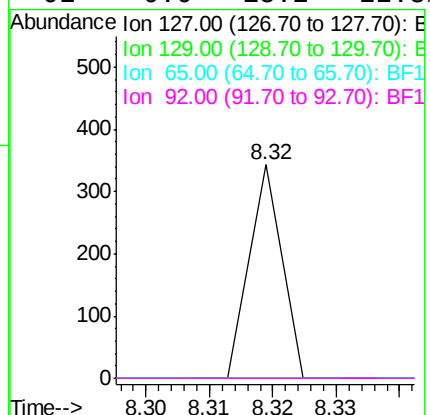
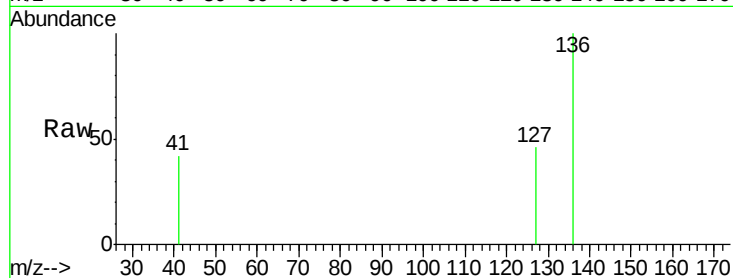




#33
4-Chloroaniline
Concen: 0.018 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

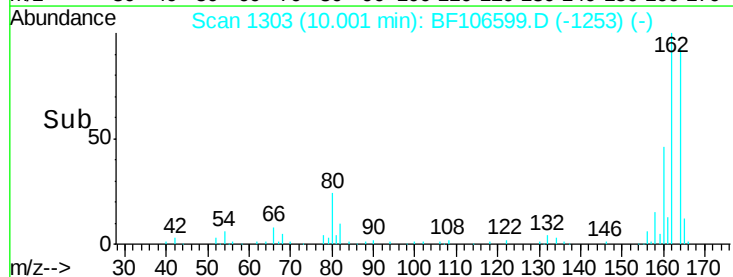
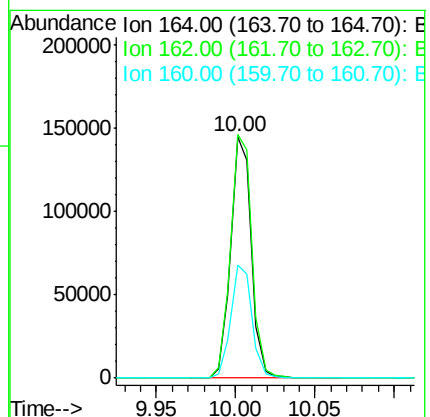
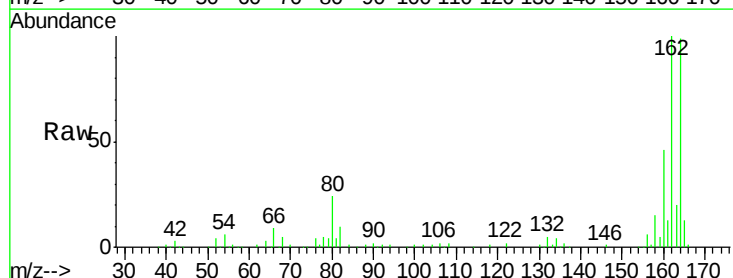
Instrument :
BNA_F
ClientSampleId :
TP-G-D

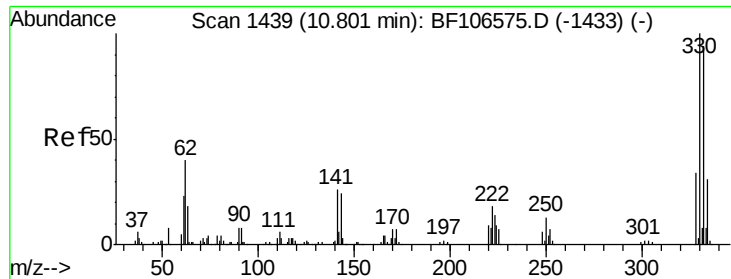
Tgt Ion:	127	Resp:	121
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

Tgt Ion:	164	Resp:	130312
Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.6	38.3	57.5

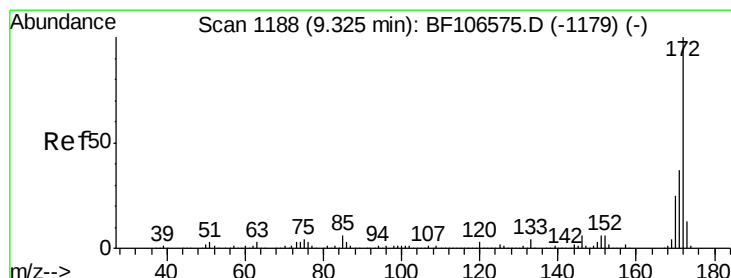
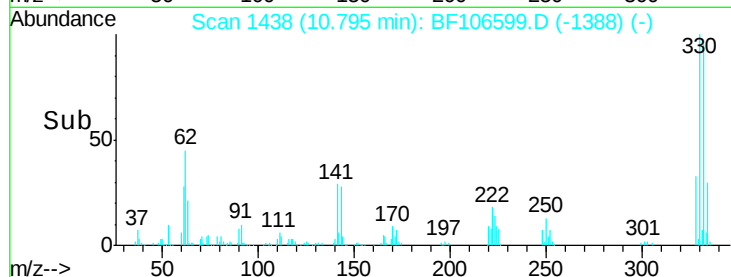
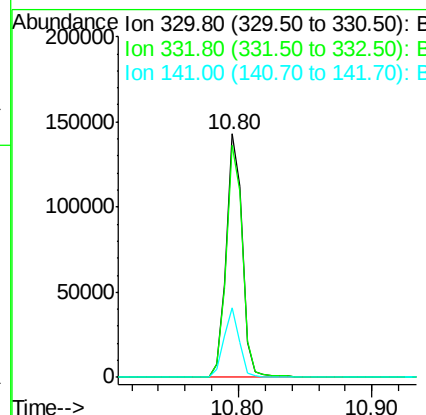
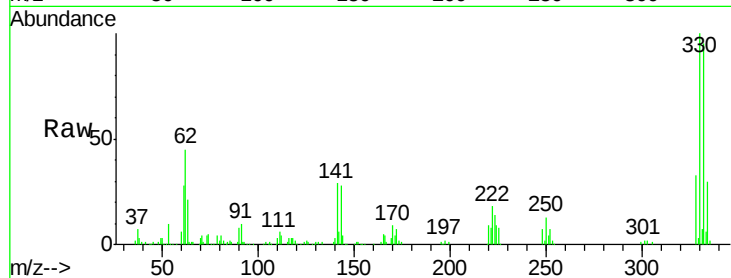




#41
 2,4,6-Tribromophenol
 Concen: 81.657 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106599.D
 Acq: 19 Jun 2018 22:57

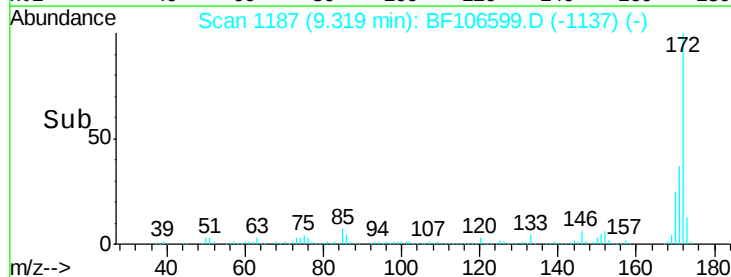
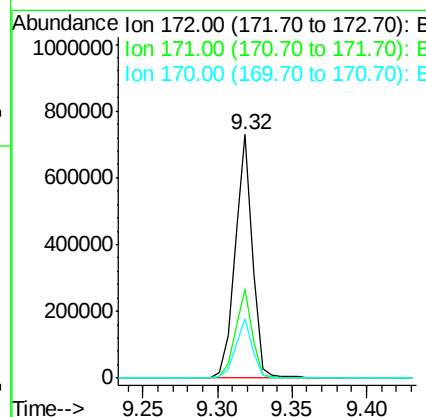
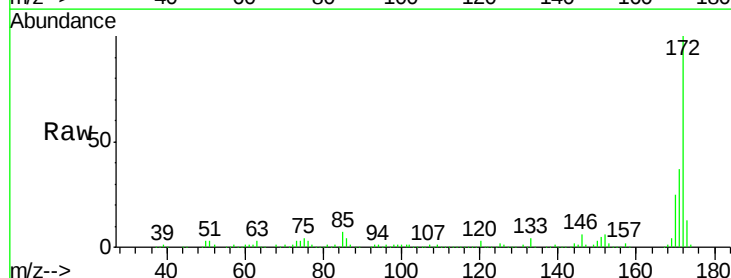
Instrument :
 BNA_F
 ClientSampleId :
 TP-G-D

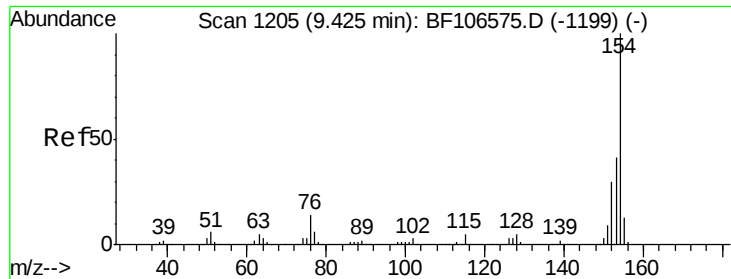
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.210 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106599.D
 Acq: 19 Jun 2018 22:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

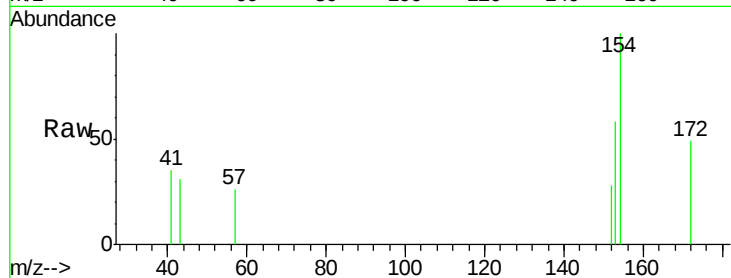




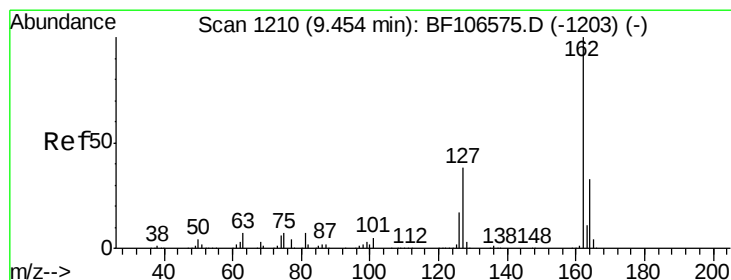
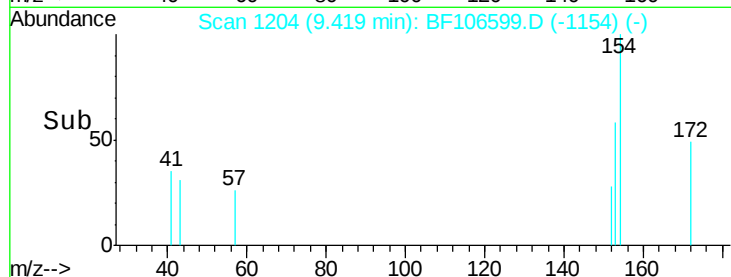
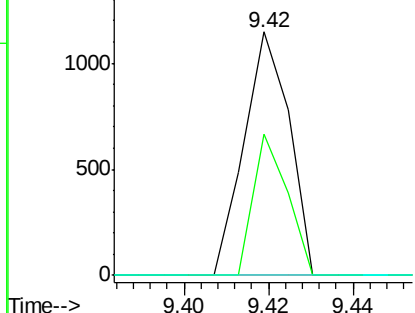
#45
 1,1'-Biphenyl
 Concen: 0.082 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106599.D
 Acq: 19 Jun 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-D

Tgt Ion:154 Resp: 851
 Ion Ratio Lower Upper
 154 100
 153 58.1 21.3 61.3
 76 0.0 0.0 34.0

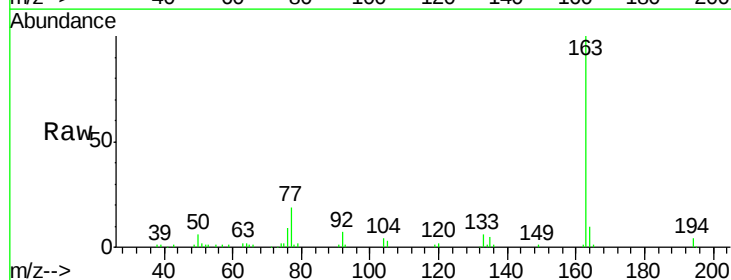


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

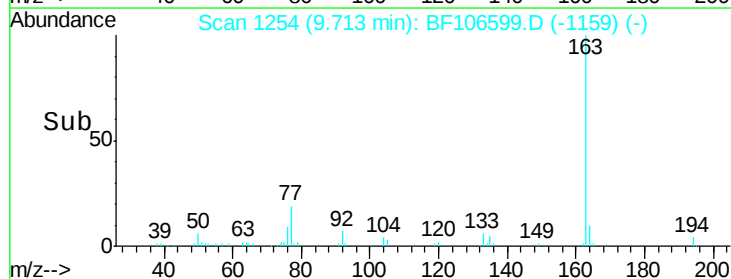
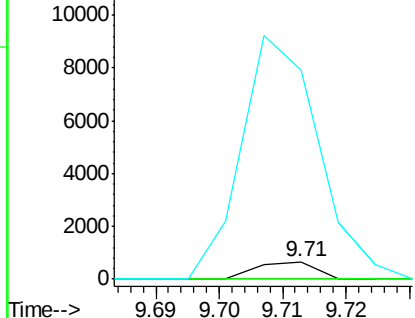


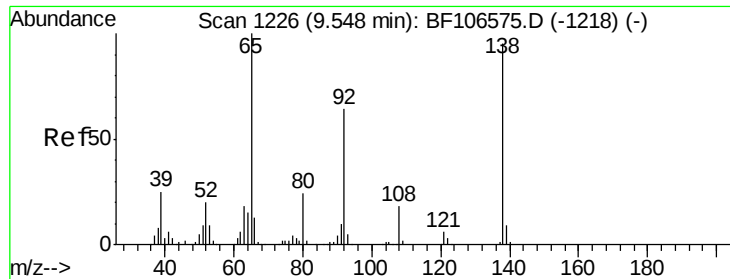
#46
 2-Chloronaphthalene
 Concen: 0.051 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. 0.26 min
 Lab File: BF106599.D
 Acq: 19 Jun 2018 22:57

Tgt Ion:162 Resp: 417
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 1218.0 26.5 39.7#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.213 ng

RT: 9.71 min Scan# 1253

Delta R.T. 0.16 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampled :

TP-G-D

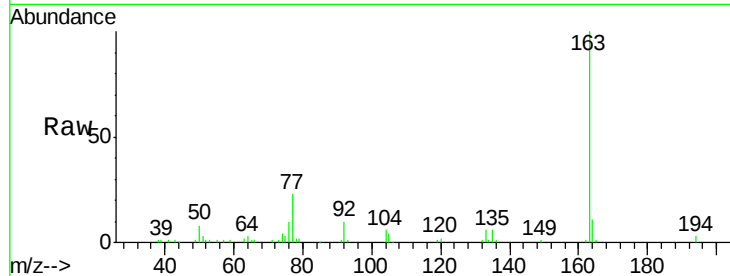
Tgt Ion: 65 Resp: 586

Ion Ratio Lower Upper

65 100

92 921.7 55.8 83.6#

138 0.0 91.2 136.8#

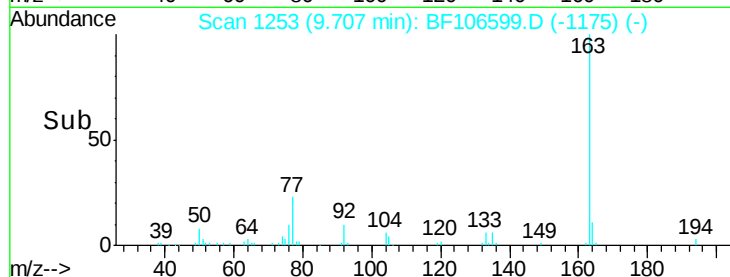


Abundance Ion 65.00 (64.70 to 65.70): BF1

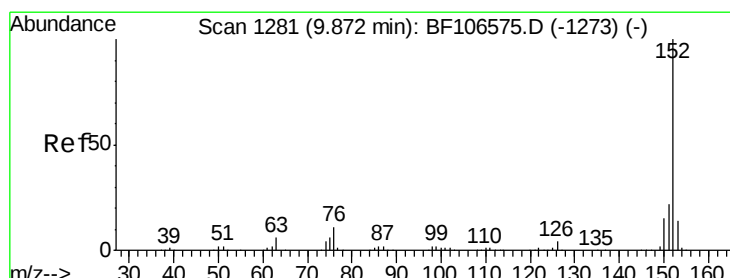
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



Time-->



#48

Acenaphthylene

Concen: 0.140 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

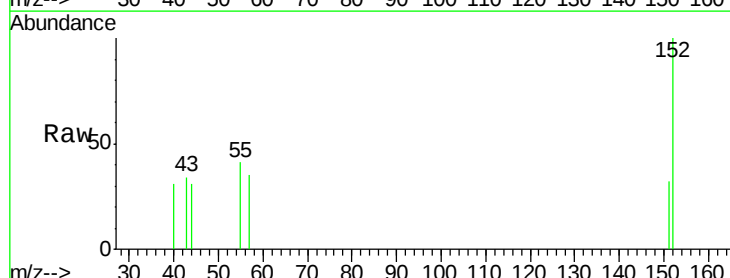
Tgt Ion: 152 Resp: 1809

Ion Ratio Lower Upper

152 100

151 31.7 16.3 24.5#

153 0.0 10.7 16.1#

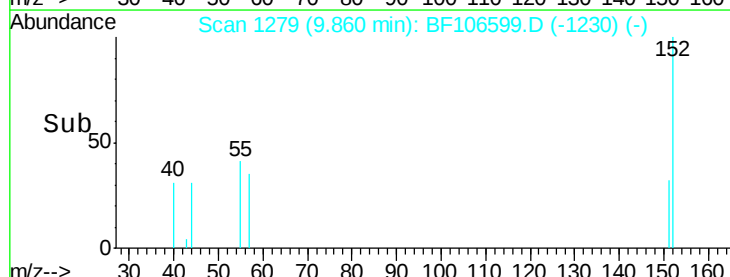


Abundance Ion 152.00 (151.70 to 152.70): BF1

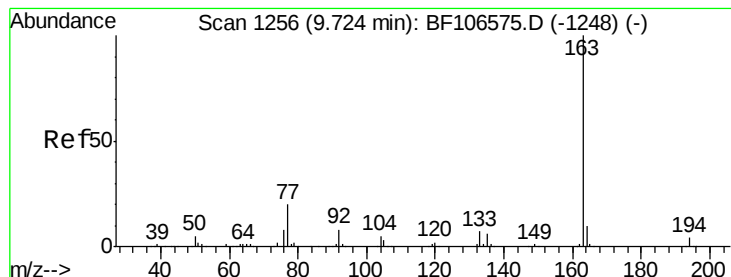
Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

Time-->



Time-->



#49

Dimethylphthalate

Concen: 7.715 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

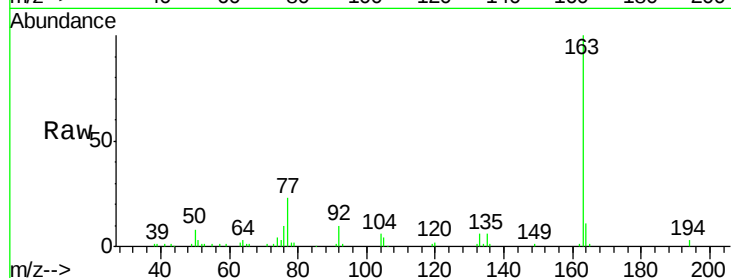
Tgt Ion:163 Resp: 75406

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

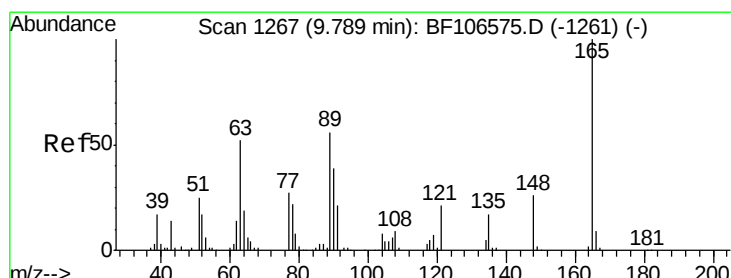
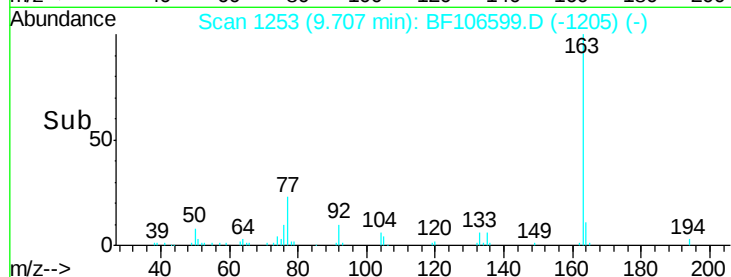
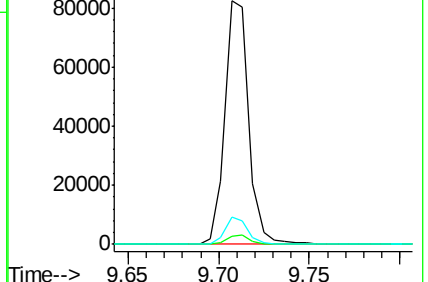
164 11.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.300 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.08 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

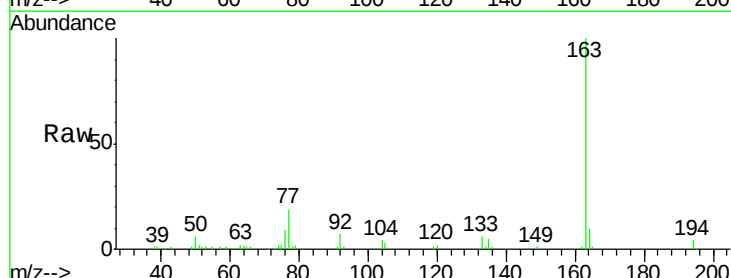
Tgt Ion:165 Resp: 621

Ion Ratio Lower Upper

165 100

63 150.7 44.7 67.1#

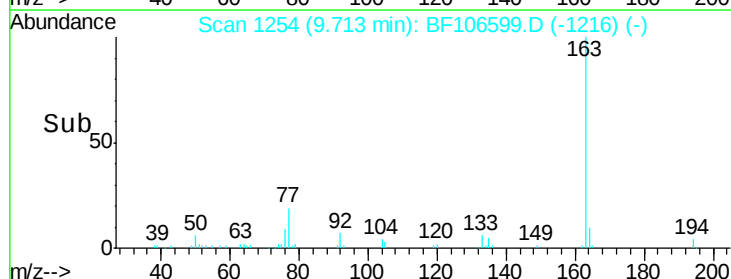
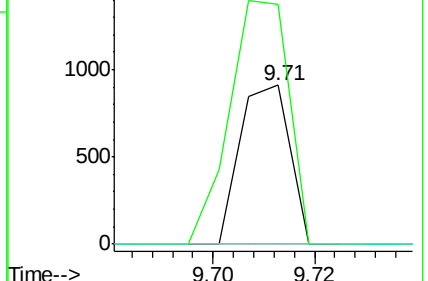
89 0.0 44.0 66.0#

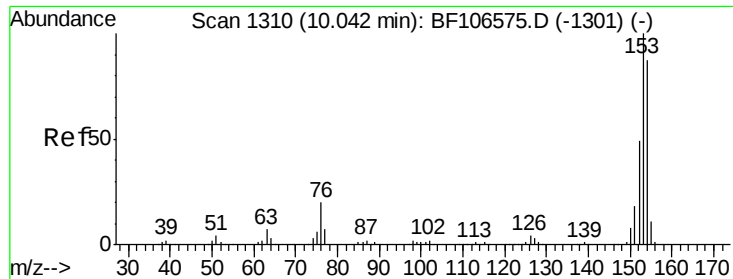


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.013 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

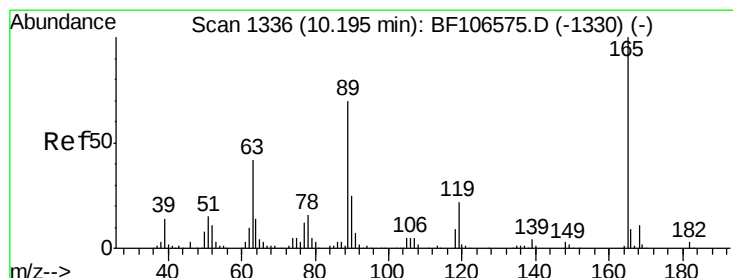
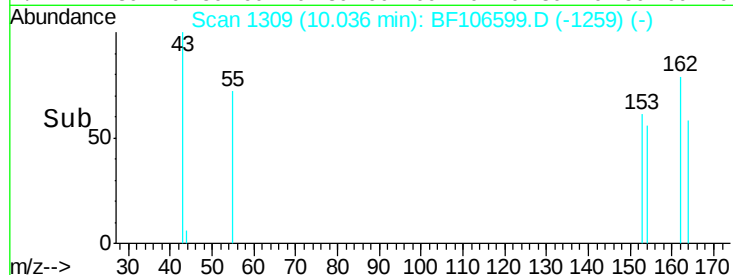
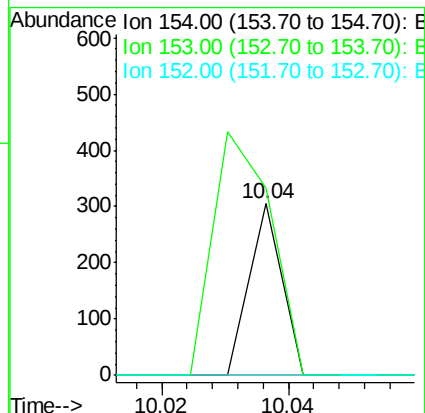
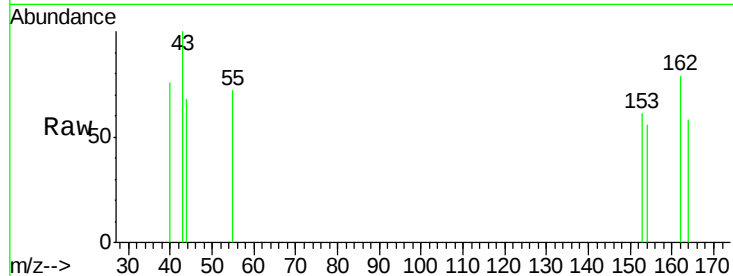
Tgt Ion:154 Resp: 108

Ion Ratio Lower Upper

154 100

153 109.2 91.2 136.8

152 0.0 43.8 65.8#



#56

2,4-Dinitrotoluene

Concen: 5.974 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Tgt Ion:165 Resp: 16138

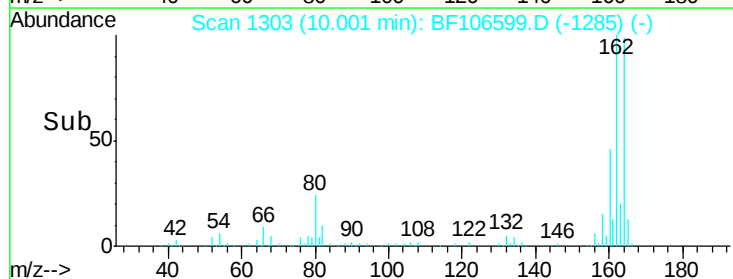
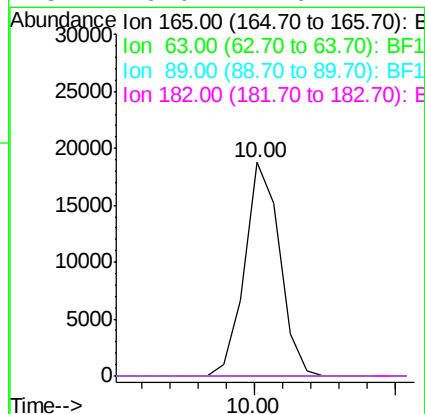
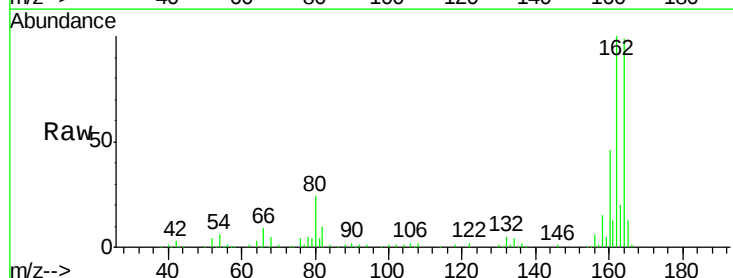
Ion Ratio Lower Upper

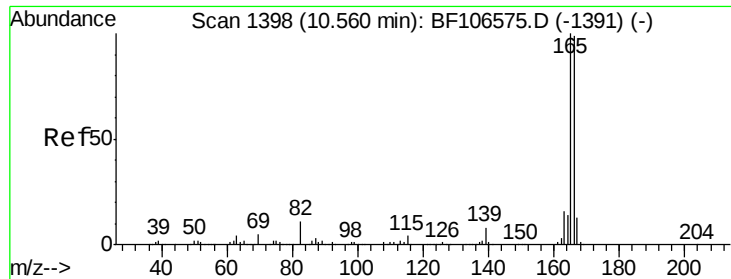
165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#





#57

Fluorene

Concen: 0.029 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

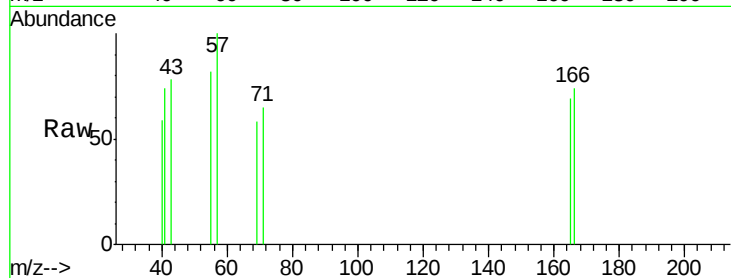
Tgt Ion:166 Resp: 257

Ion Ratio Lower Upper

166 100

165 93.5 79.8 119.8

167 0.0 10.6 16.0#



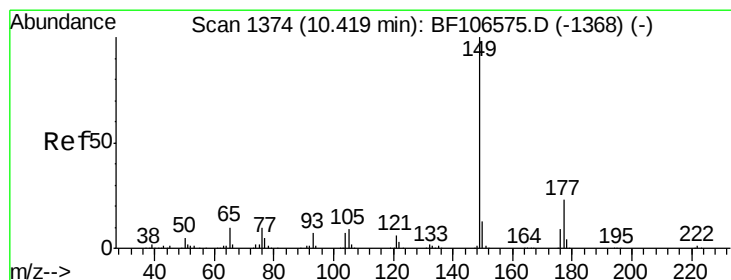
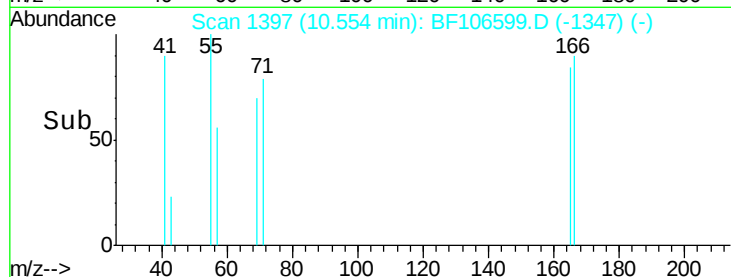
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.55

Time-->



#59

Diethylphthalate

Concen: 0.043 ng

RT: 10.41 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

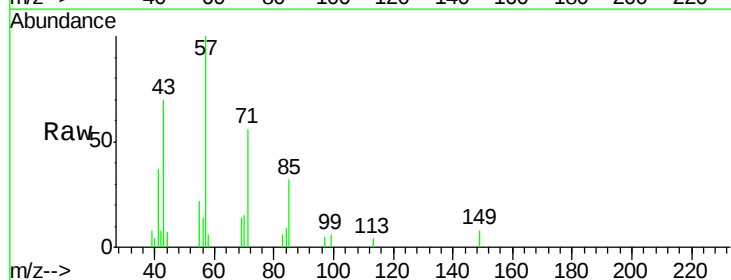
Tgt Ion:149 Resp: 405

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

150 0.0 10.1 15.1#



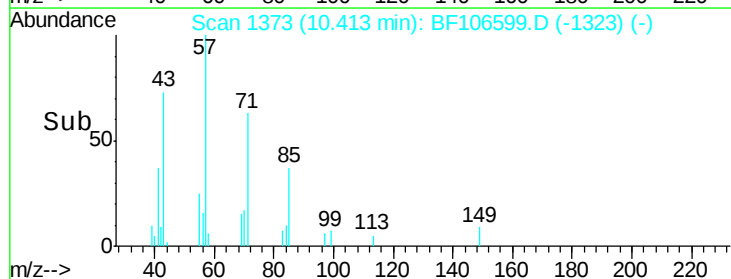
Abundance Ion 149.00 (148.70 to 149.70): E

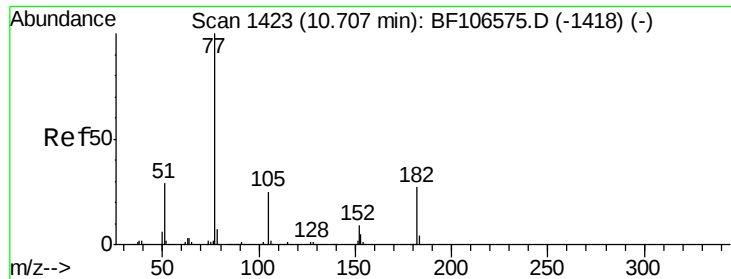
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.41

Time-->





#62

Azobenzene

Concen: 0.054 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.09 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

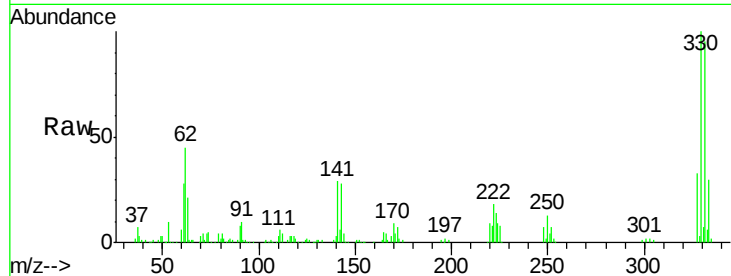
BNA_F

ClientSampled :

TP-G-D

Tgt Ion: 77 Resp: 501

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	103.9	3.0	43.0#
51	97.7	9.9	49.9#

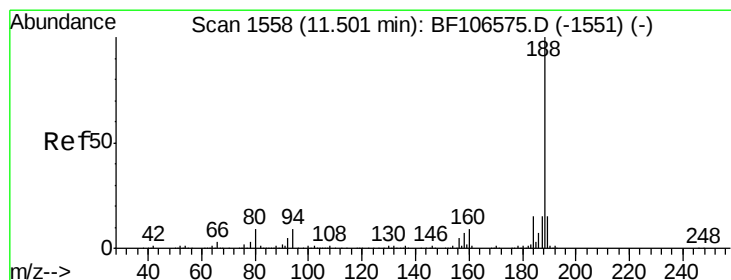
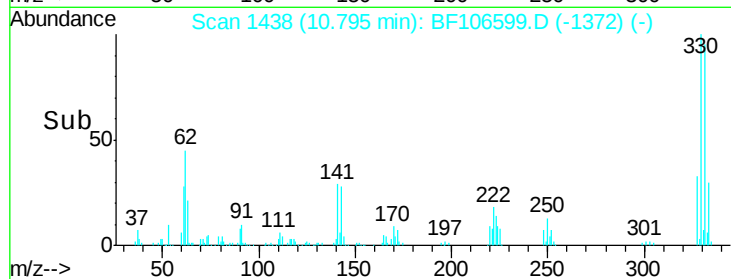
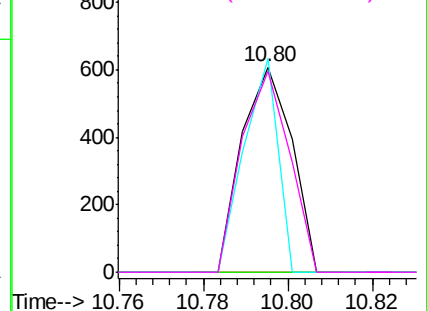


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1557

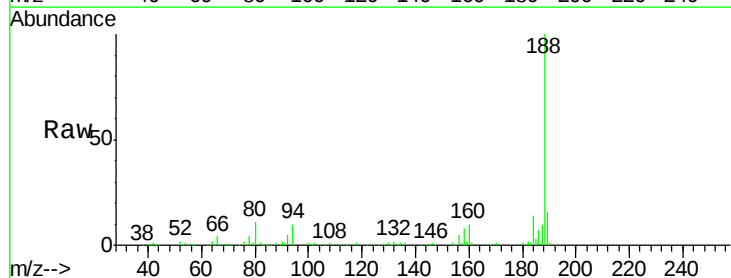
Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Tgt Ion: 188 Resp: 220817

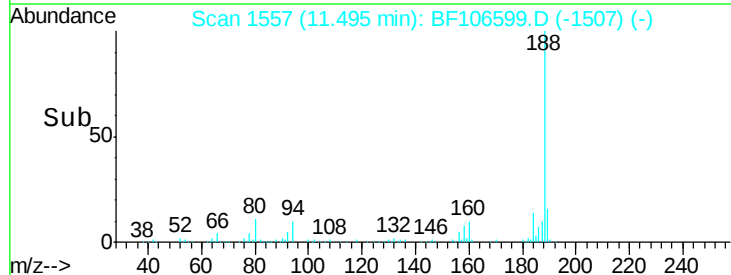
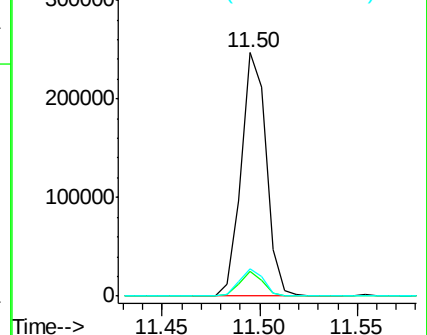
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.5	9.2	13.8

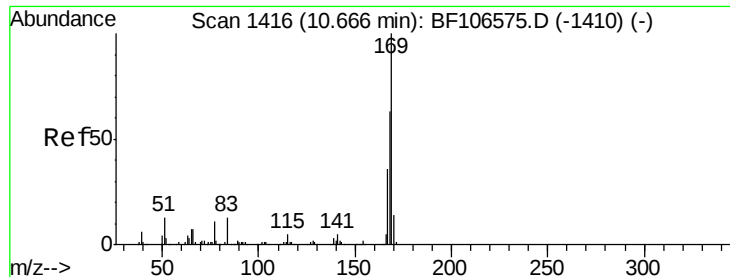


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

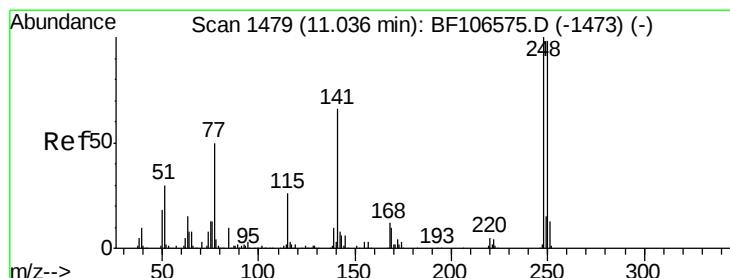
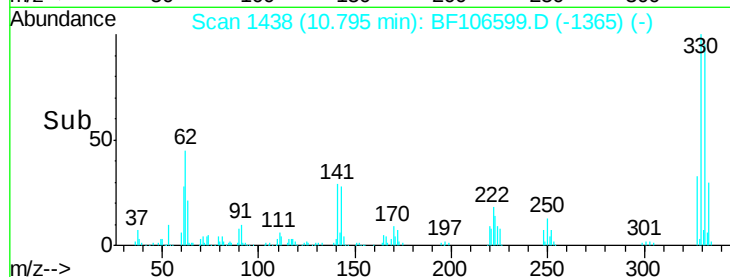
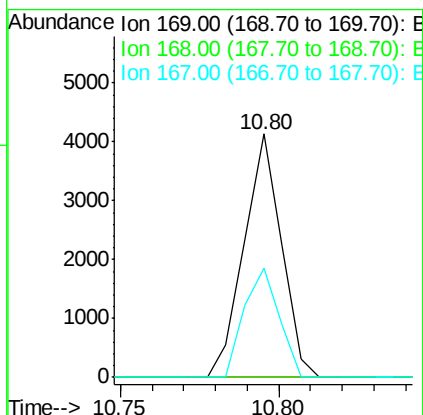
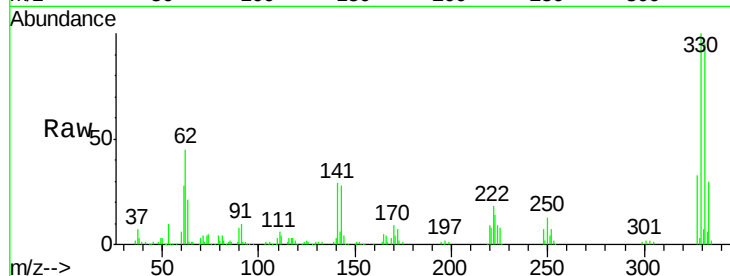




#65
n-Nitrosodiphenylamine
Concen: 0.455 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.13 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

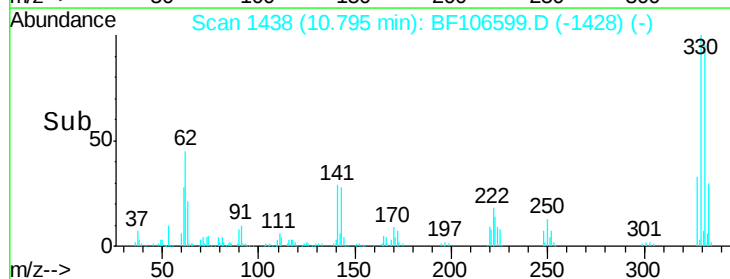
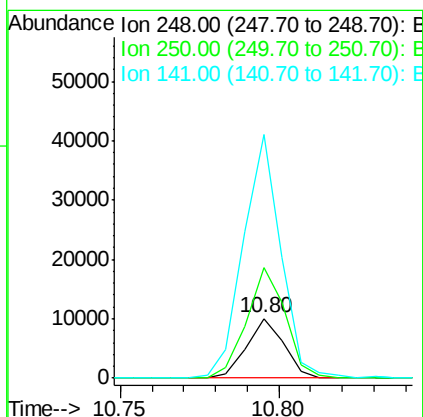
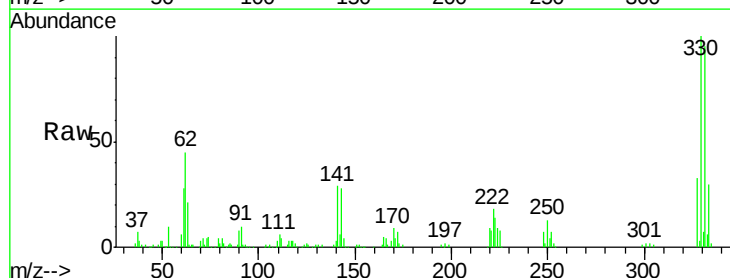
Instrument :
BNA_F
ClientSampleId :
TP-G-D

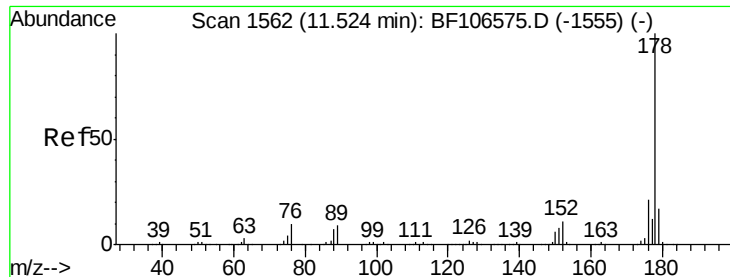
Tgt Ion:169 Resp: 3378
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 45.1 29.8 44.6#



#66
4-Bromophenyl-phenylether
Concen: 3.051 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

Tgt Ion:248 Resp: 8040
Ion Ratio Lower Upper
248 100
250 185.7 76.9 115.3#
141 408.0 74.4 111.6#





#70

Phenanthrene

Concen: 0.126 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

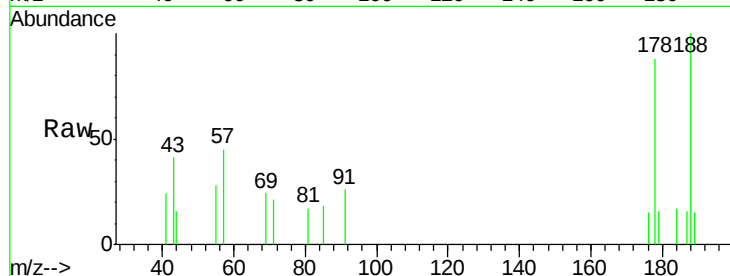
Tgt Ion:178 Resp: 1344

Ion Ratio Lower Upper

178 100

176 16.9 15.8 23.8

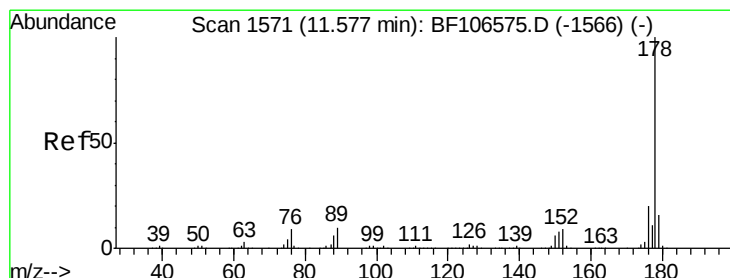
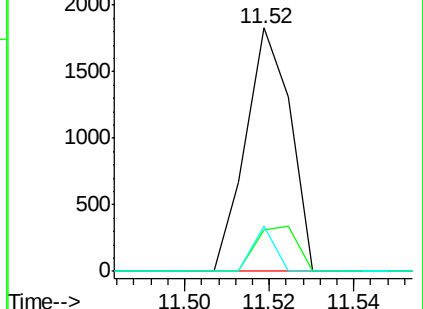
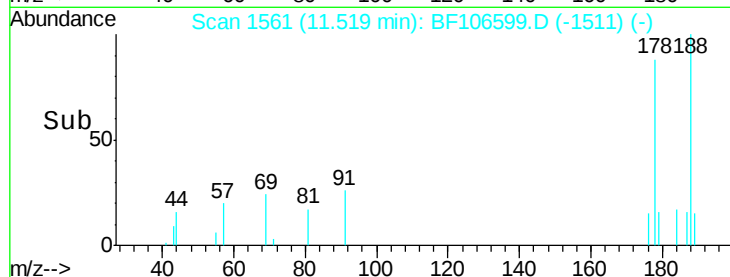
179 18.5 13.0 19.6



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: 0.124 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.06 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

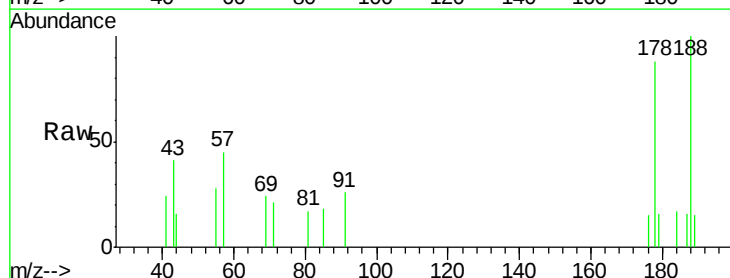
Tgt Ion:178 Resp: 1344

Ion Ratio Lower Upper

178 100

176 16.9 15.4 23.2

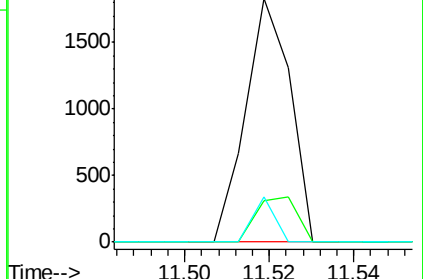
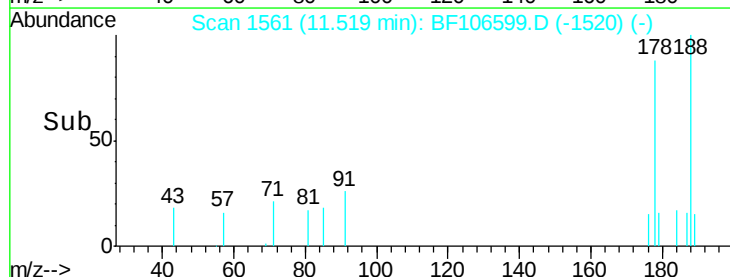
179 18.5 12.6 19.0

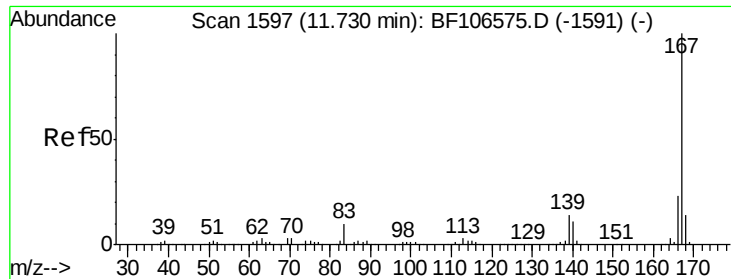


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.012 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

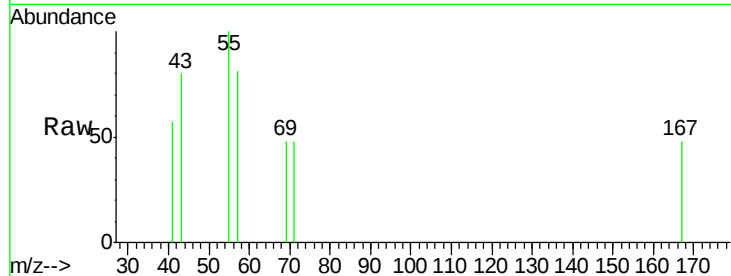
Tgt Ion:167 Resp: 125

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

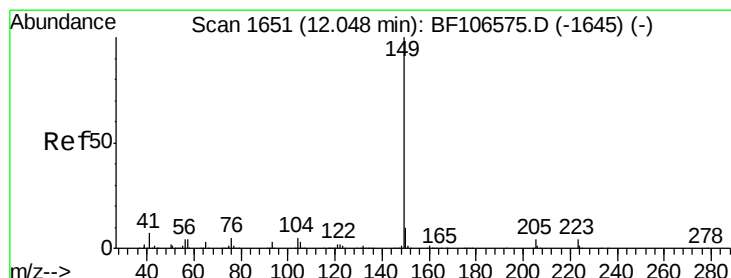
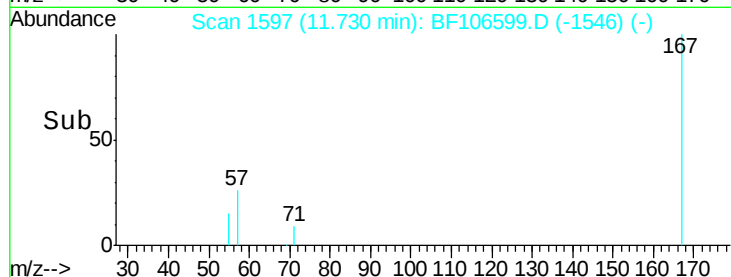
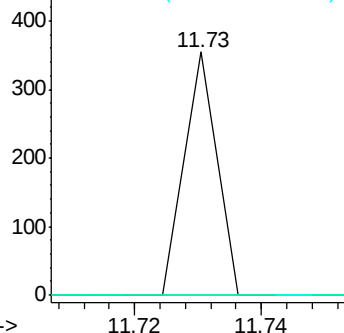
139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.096 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

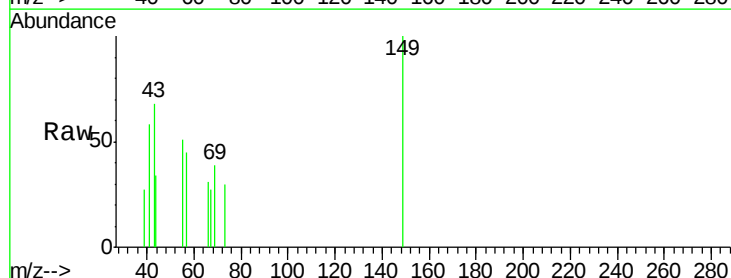
Tgt Ion:149 Resp: 1150

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

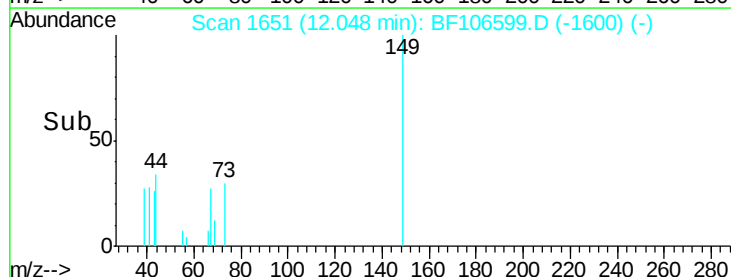
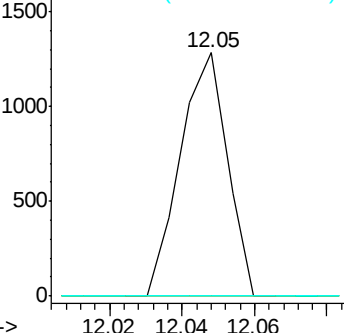
104 0.0 3.8 5.8#

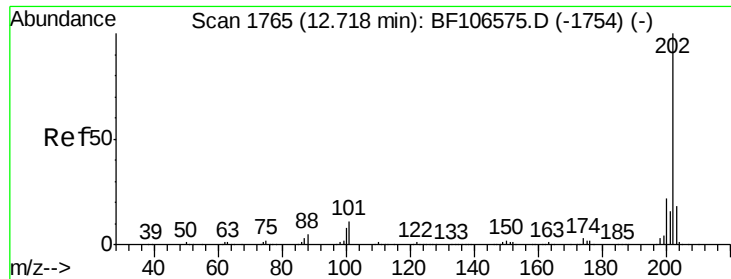


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

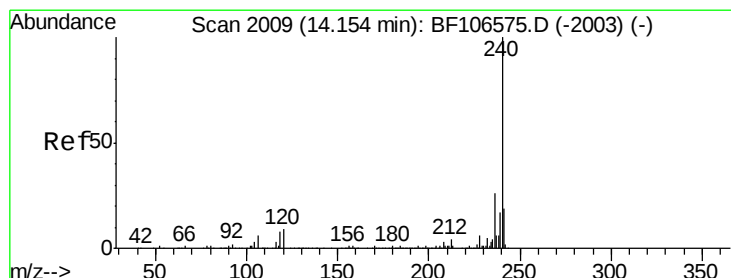
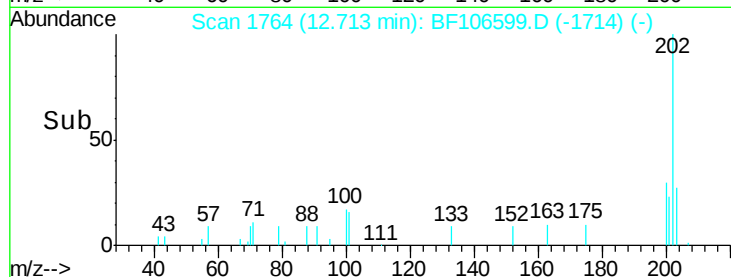
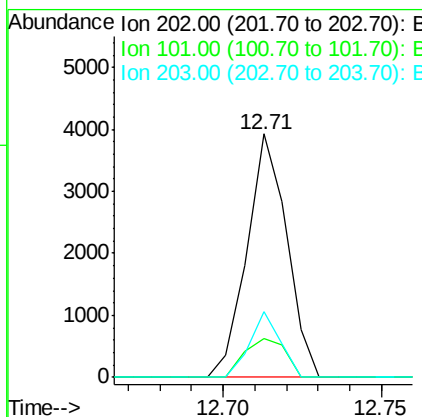
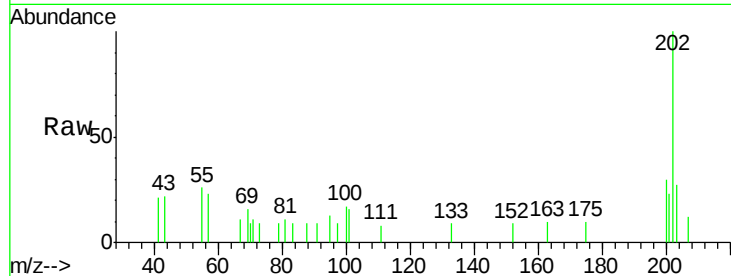




#74
 Fluoranthene
 Concen: 0.292 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF106599.D
 Acq: 19 Jun 2018 22:57

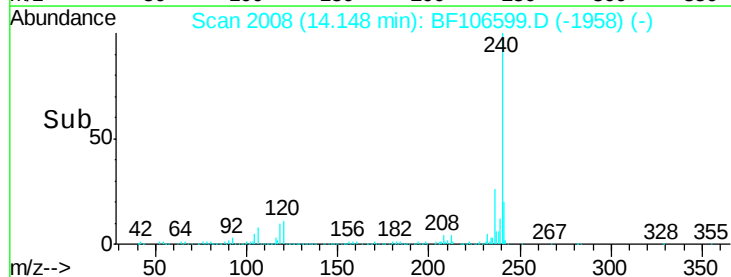
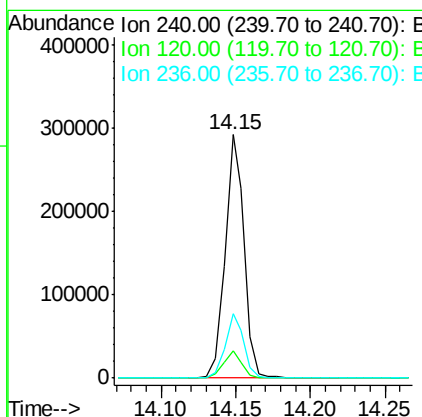
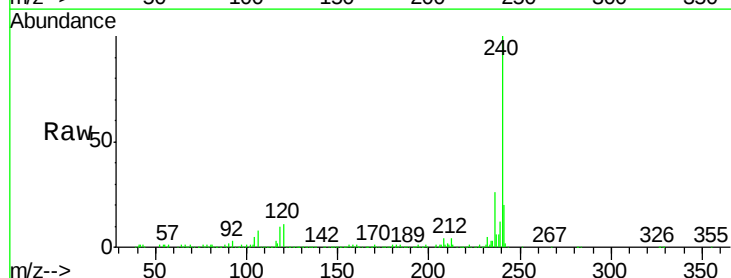
Instrument :
 BNA_F
 ClientSampleId :
 TP-G-D

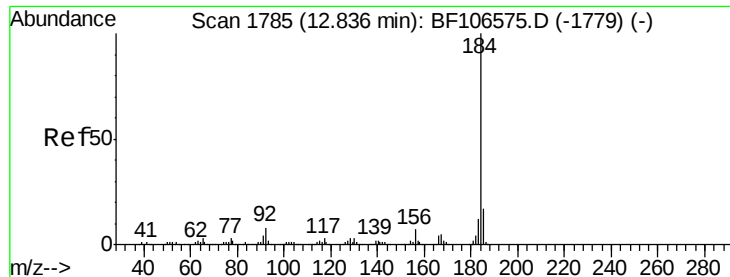
Tgt Ion: 202 Resp: 3426
 Ion Ratio Lower Upper
 202 100
 101 16.1 0.0 34.1
 203 27.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106599.D
 Acq: 19 Jun 2018 22:57

Tgt Ion: 240 Resp: 261934
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 26.3 20.7 31.1





#76

Benzidine

Concen: 1.019 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampled :

TP-G-D

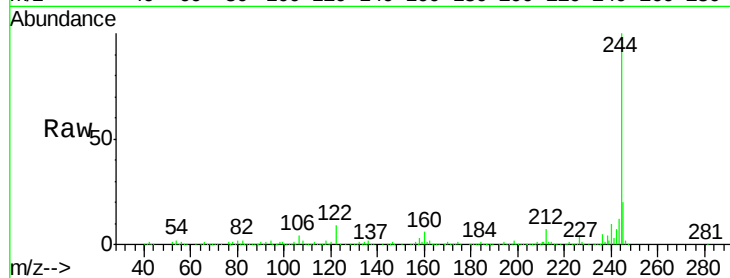
Tgt Ion:184 Resp: 7603

Ion Ratio Lower Upper

184 100

185 20.1 12.6 18.8#

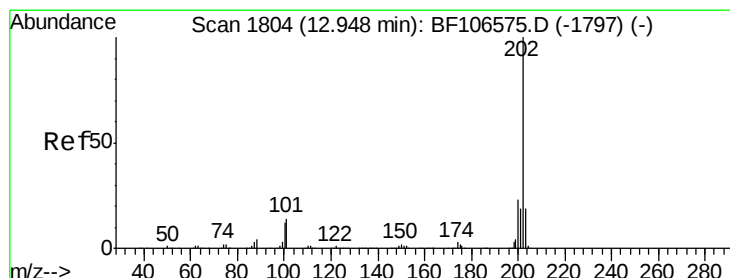
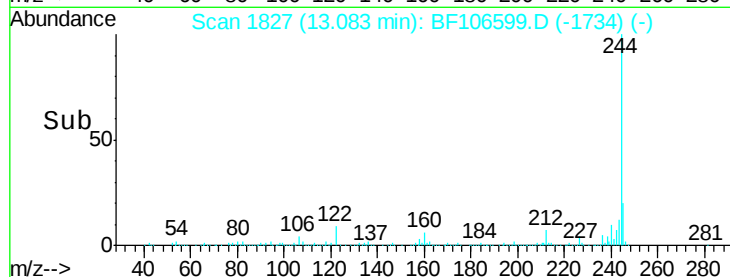
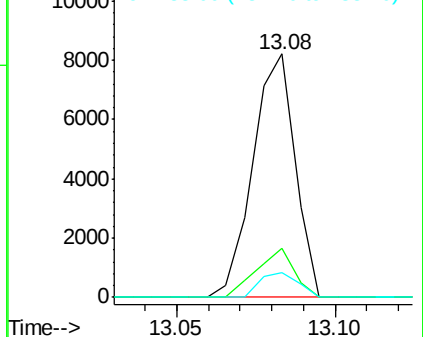
183 10.1 9.3 13.9



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: 0.221 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

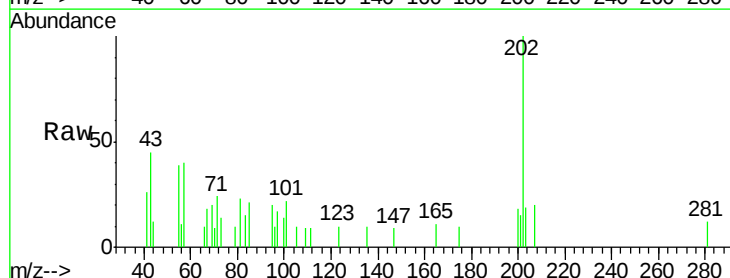
Tgt Ion:202 Resp: 3809

Ion Ratio Lower Upper

202 100

200 18.3 17.4 26.2

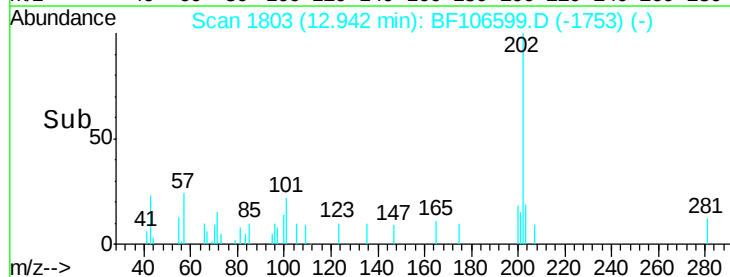
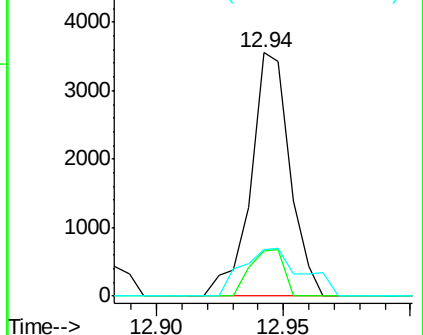
203 19.0 14.3 21.5

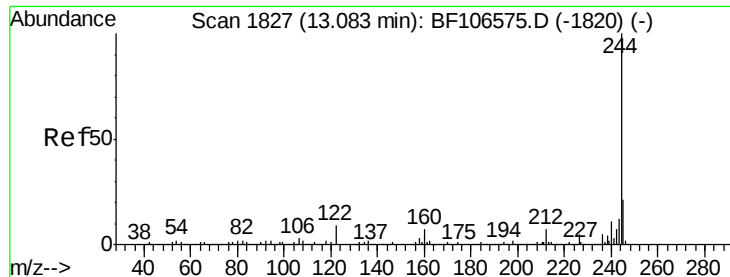


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.732 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

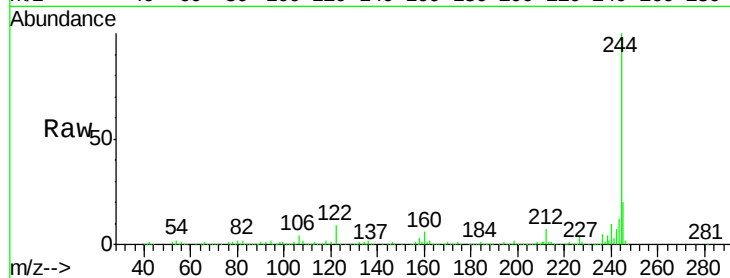
Tgt Ion:244 Resp: 613465

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

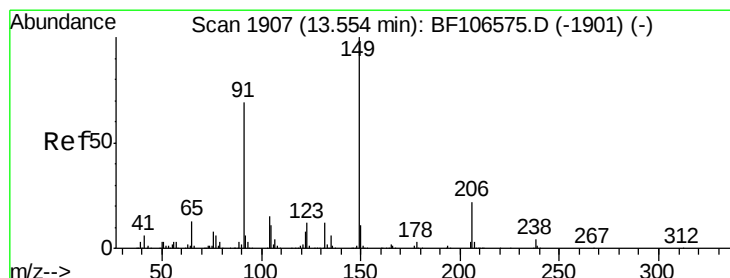
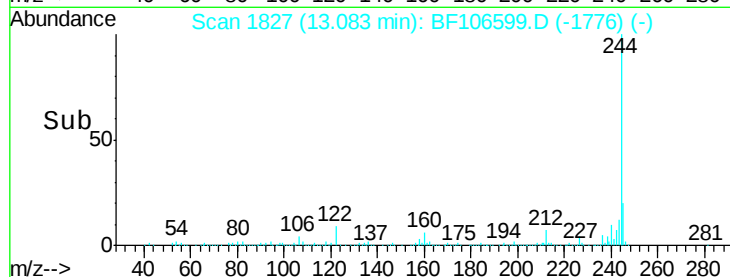
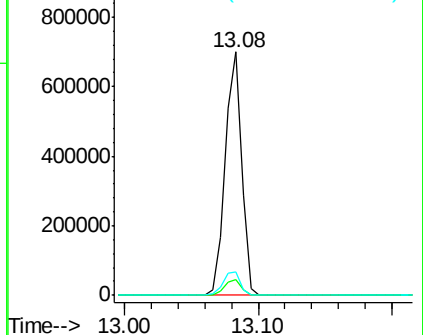
122 9.4 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 0.036 ng

RT: 13.48 min Scan# 1895

Delta R.T. -0.07 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

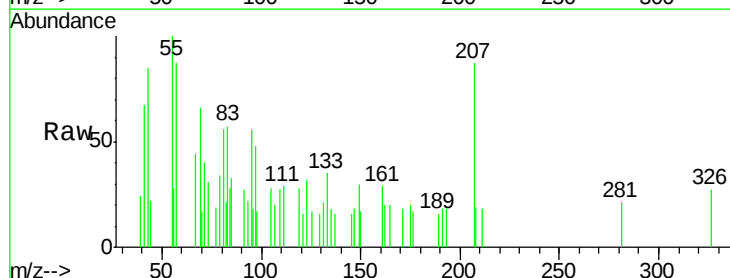
Tgt Ion:149 Resp: 254

Ion Ratio Lower Upper

149 100

91 90.7 56.8 85.2#

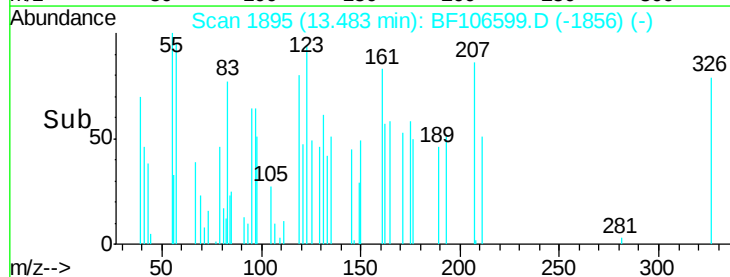
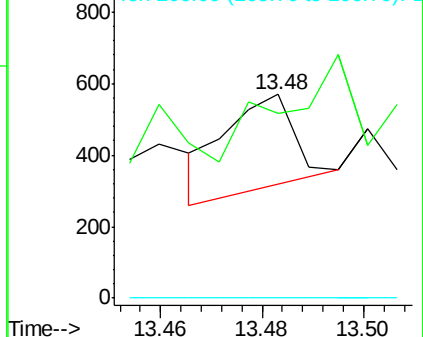
206 0.0 14.1 21.1#

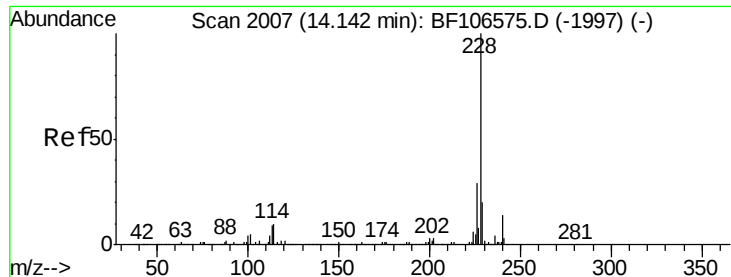


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.218 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

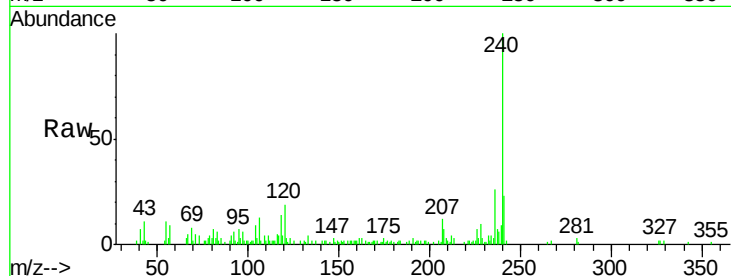
Tgt Ion:228 Resp: 3486

Ion Ratio Lower Upper

228 100

226 70.6 22.6 33.8#

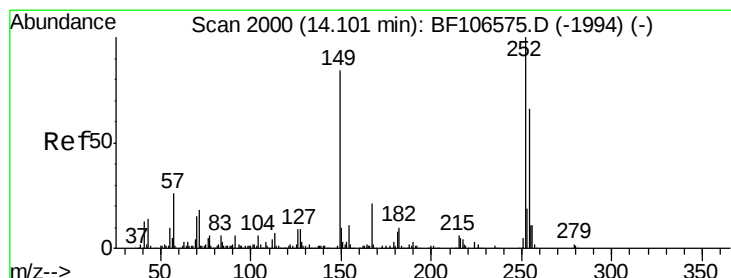
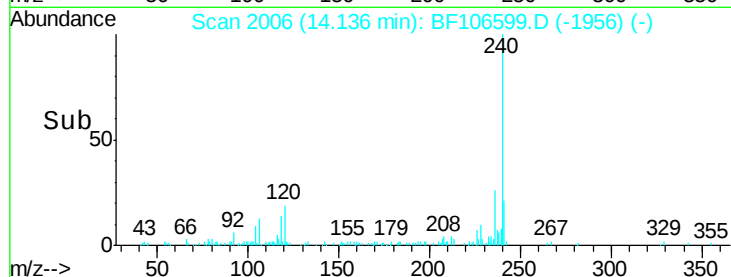
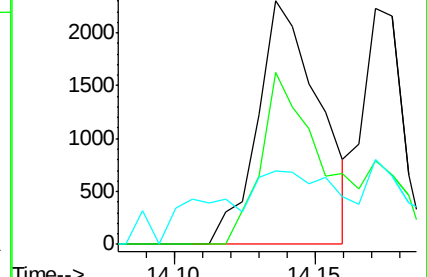
229 30.0 15.8 23.6#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.020 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.11 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

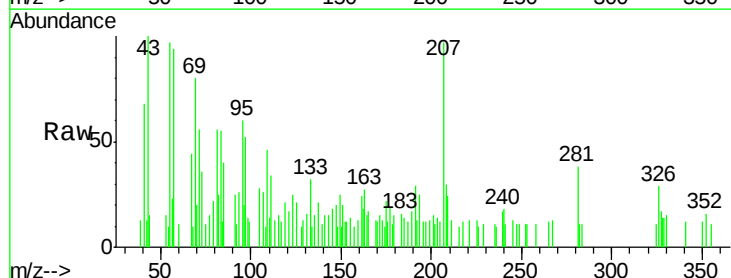
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

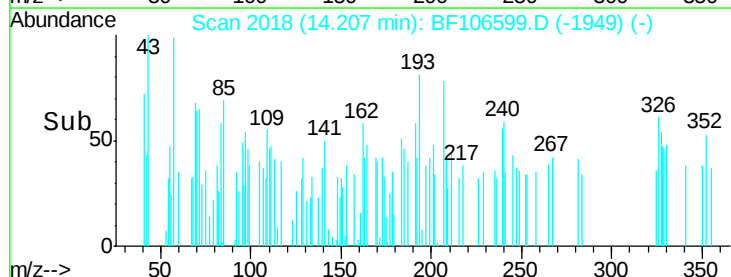
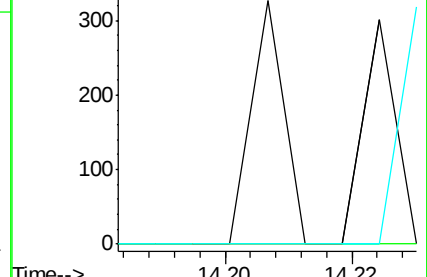
126 0.0 11.3 16.9#

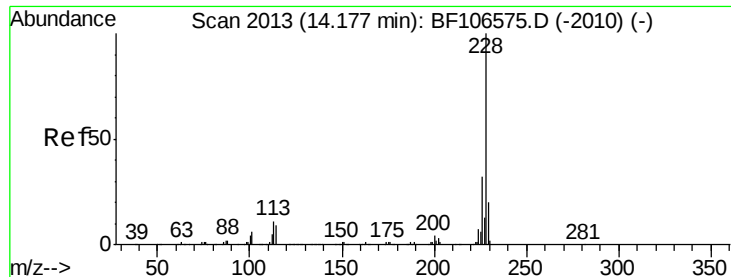


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.144 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampled :

TP-G-D

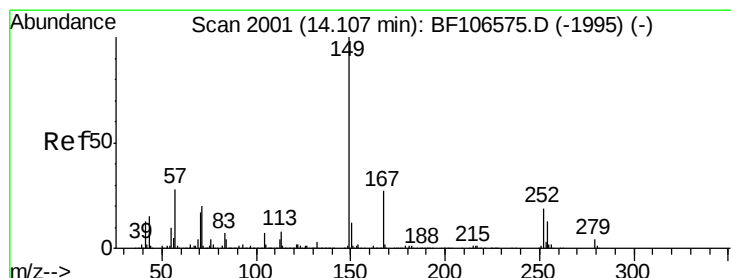
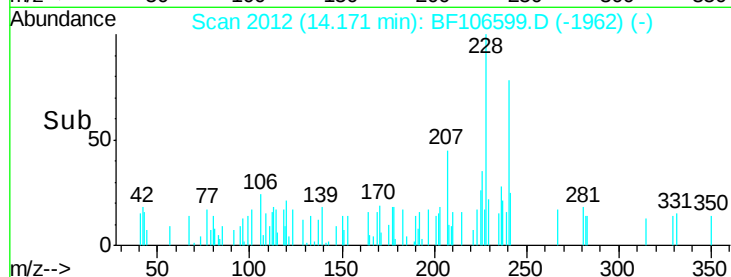
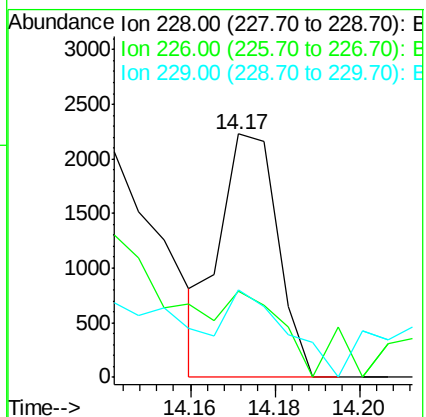
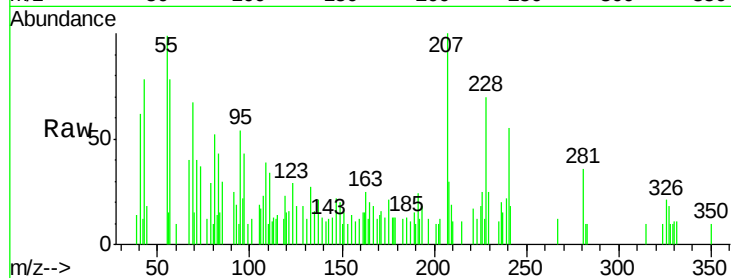
Tgt Ion:228 Resp: 2112

Ion Ratio Lower Upper

228 100

226 35.2 25.0 37.6

229 36.1 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.196 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

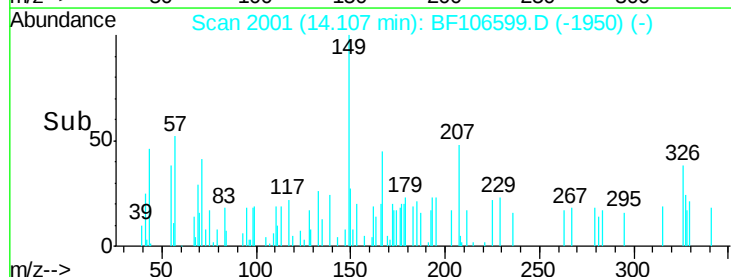
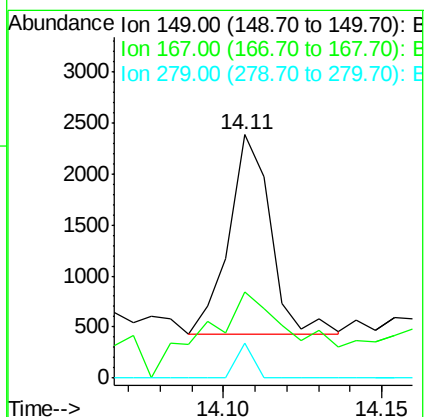
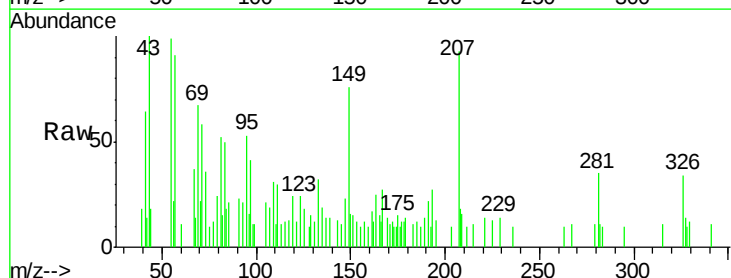
Tgt Ion:149 Resp: 1776

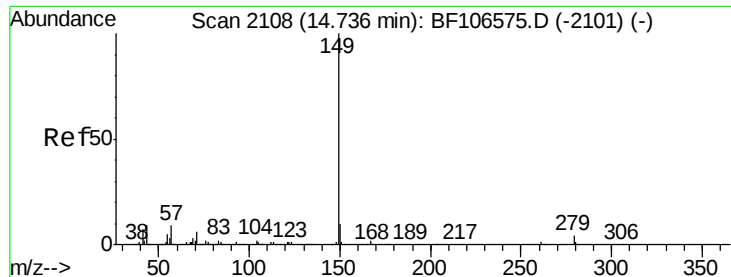
Ion Ratio Lower Upper

149 100

167 35.3 21.3 31.9#

279 14.3 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.020 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampled :

TP-G-D

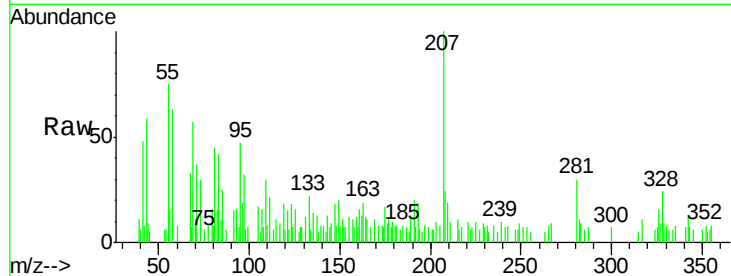
Tgt Ion:149 Resp: 295

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

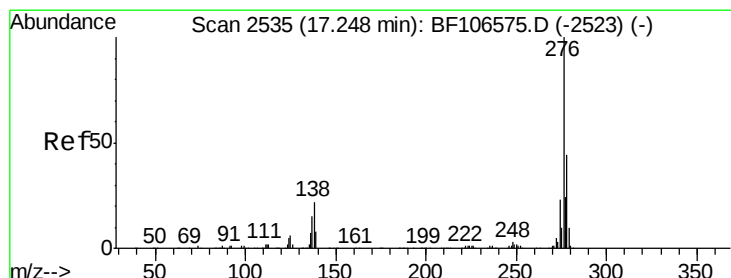
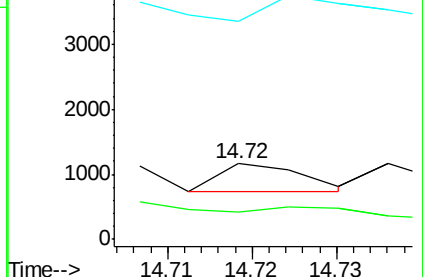
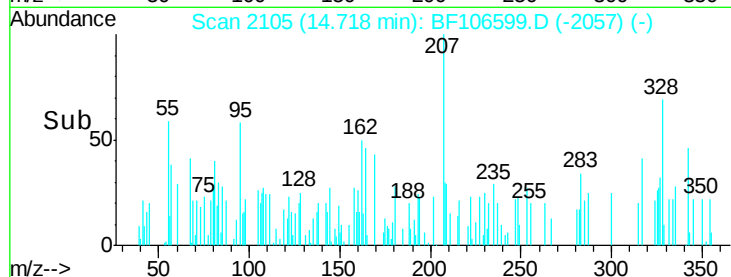
43 107.8 8.4 12.6#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.121 ng

RT: 17.25 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

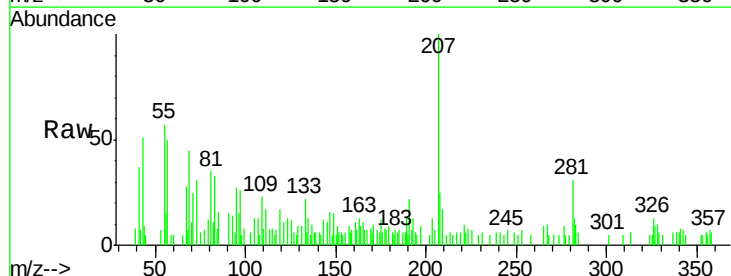
Tgt Ion:276 Resp: 1504

Ion Ratio Lower Upper

276 100

138 46.5 25.0 37.6#

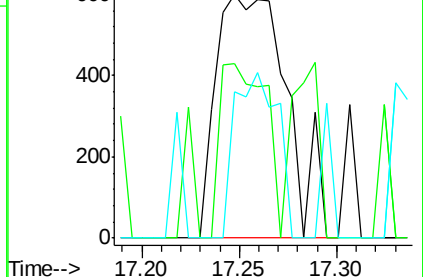
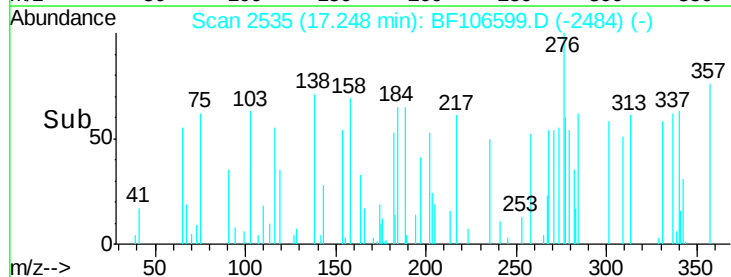
277 41.6 20.1 30.1#

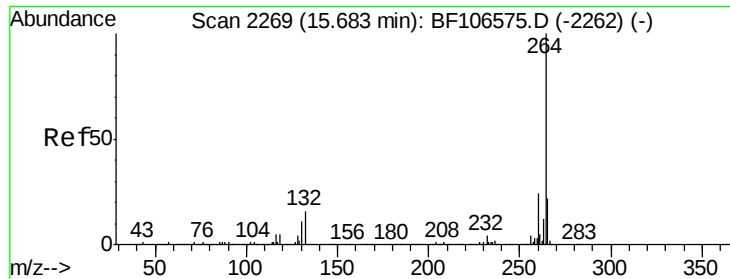


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

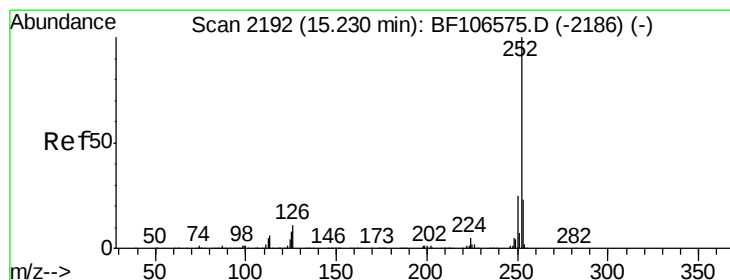
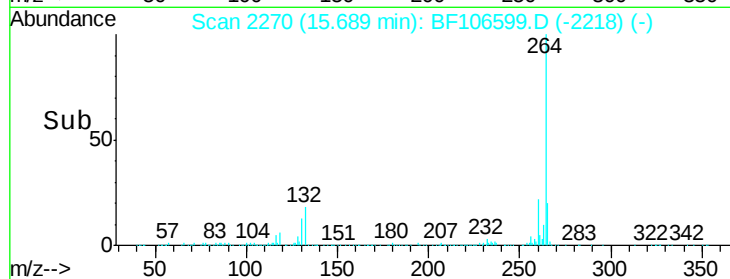
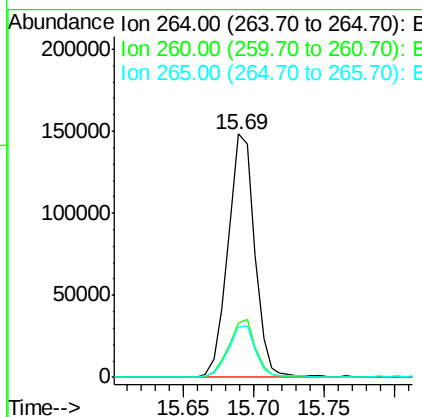
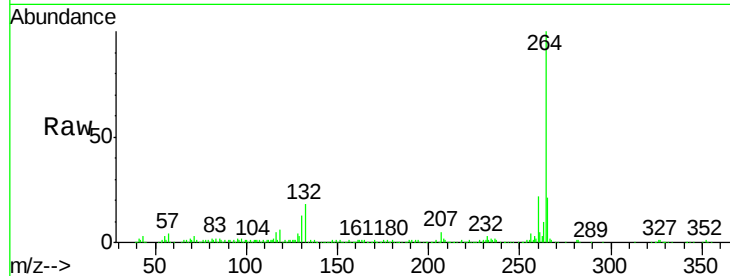




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

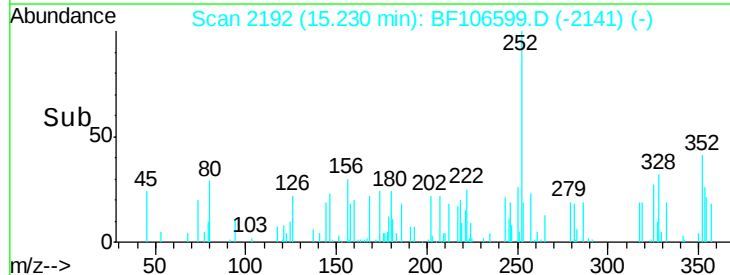
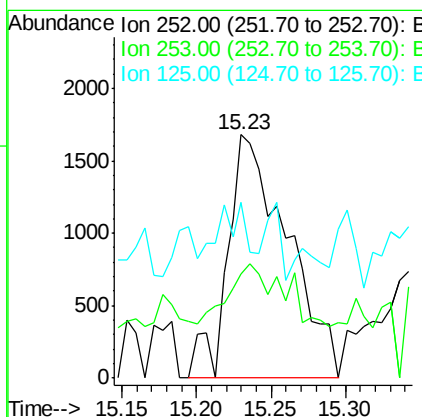
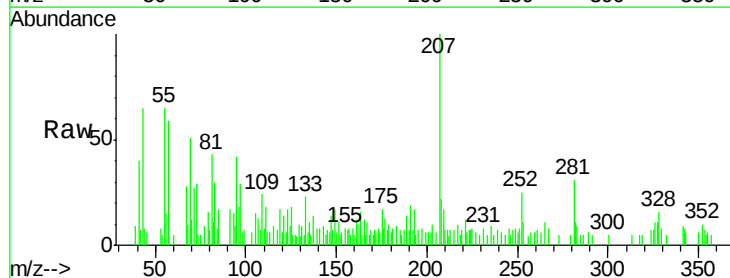
Instrument :
BNA_F
ClientSampleId :
TP-G-D

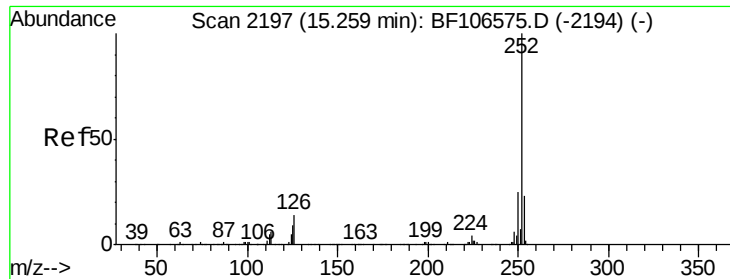
Tgt Ion: 264 Resp: 196127
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 20.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

Tgt Ion: 252 Resp: 4705
Ion Ratio Lower Upper
252 100
253 42.8 17.0 25.6#
125 72.2 9.0 13.6#

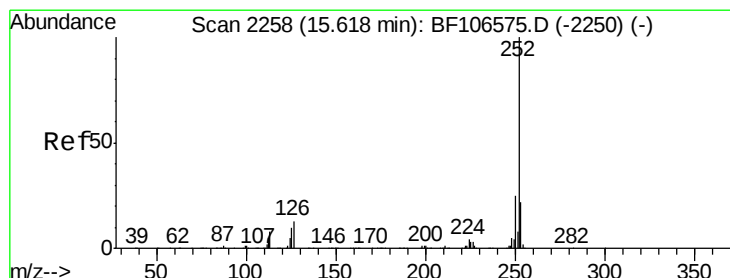
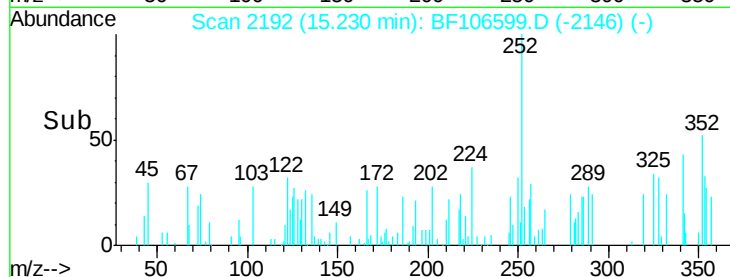
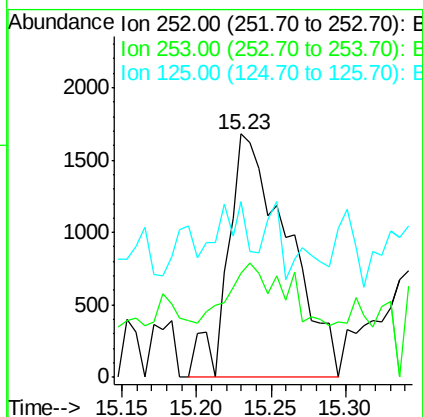
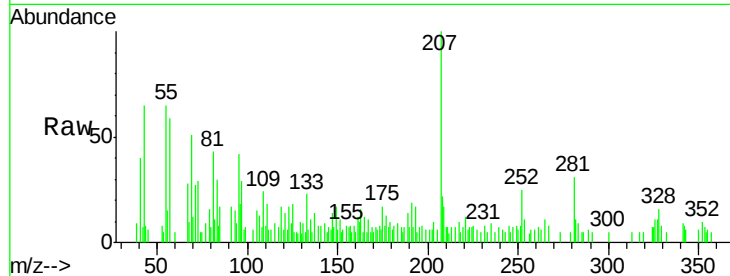




#88
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

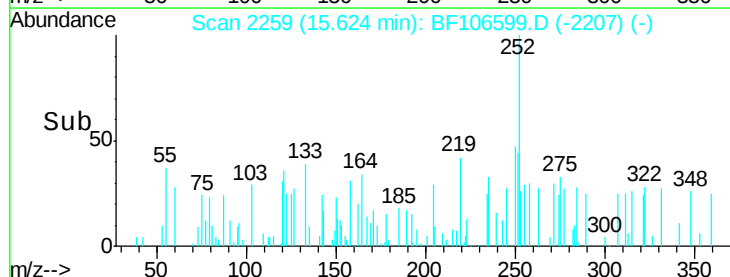
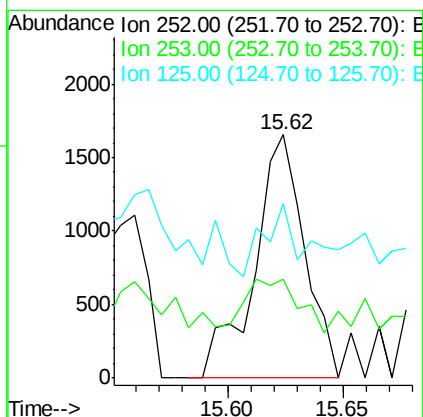
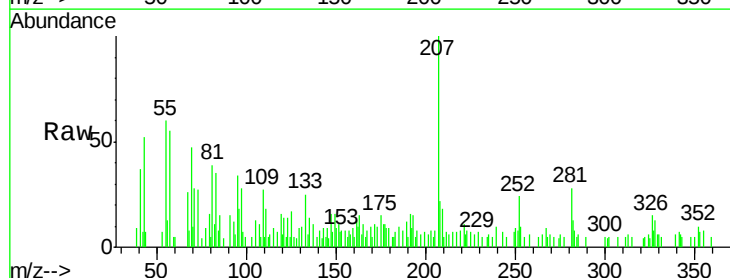
Instrument :
BNA_F
ClientSampleId :
TP-G-D

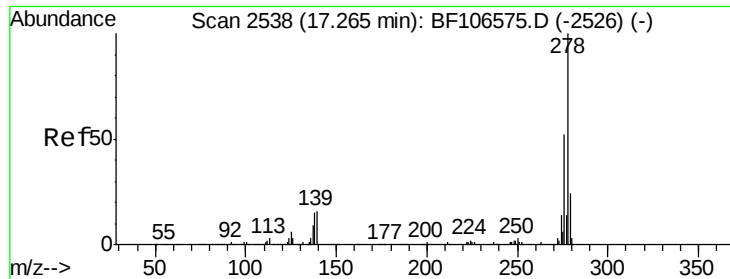
Tgt Ion:252 Resp: 4705
Ion Ratio Lower Upper
252 100
253 42.8 17.9 26.9#
125 72.2 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.230 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106599.D
Acq: 19 Jun 2018 22:57

Tgt Ion:252 Resp: 2494
Ion Ratio Lower Upper
252 100
253 40.8 17.1 25.7#
125 71.9 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.026 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

Instrument :

BNA_F

ClientSampleId :

TP-G-D

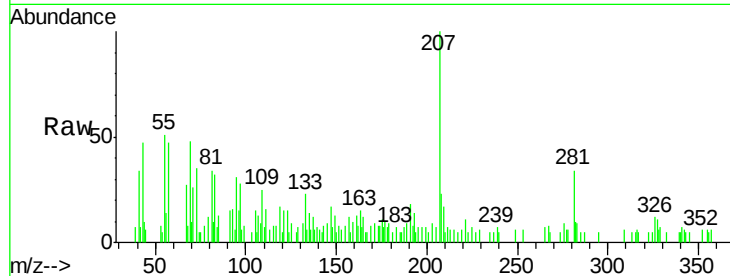
Tgt Ion:278 Resp: 243

Ion Ratio Lower Upper

278 100

139 120.7 15.9 23.9#

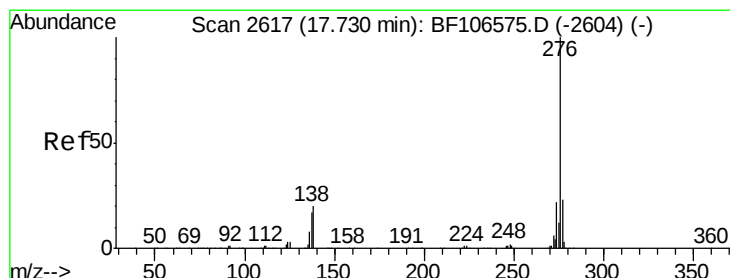
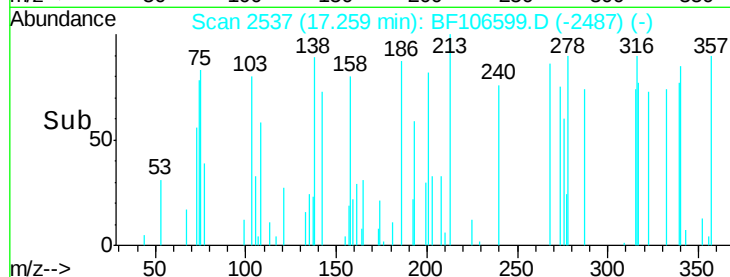
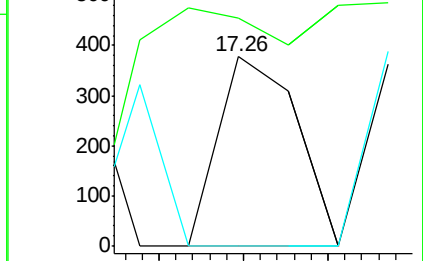
279 0.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.163 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF106599.D

Acq: 19 Jun 2018 22:57

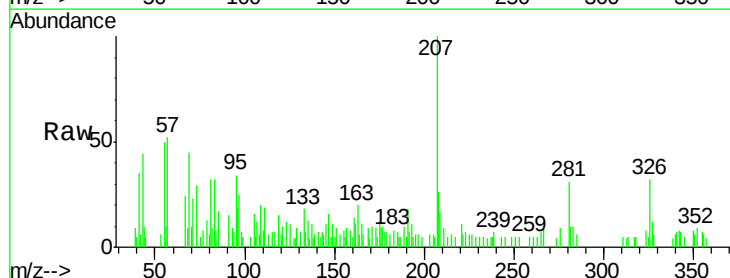
Tgt Ion:276 Resp: 1466

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 50.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

