

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106601.D
 Acq On : 19 Jun 2018 23:50
 Operator : JU/SJ
 Sample : J3554-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Quant Time: Jun 20 01:06:58 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	102757	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	357796	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	136626	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	223999	20.00	ng	0.00
75) Chrysene-d12	14.15	240	265830	20.00	ng	0.00
86) Perylene-d12	15.68	264	199787	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	705182	116.21	ng	0.00
7) Phenol-d6	6.61	99	882040	116.39	ng	0.00
23) Nitrobenzene-d5	7.52	82	589261	91.53	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	173995	109.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	811153	103.74	ng	0.00
78) Terphenyl-d14	13.08	244	754209	68.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	118	0.038	ng	# 61
6) Aniline	6.74	93	1050	0.102	ng	# 1
8) 2-Chlorophenol	6.75	128	166	0.025	ng	# 3
9) Benzaldehyde	6.61	77	1367	0.297	ng	# 1
10) Phenol	6.62	94	7788	0.900	ng	88
11) bis(2-Chloroethyl)ether	6.74	93	1050	0.147	ng	# 1
15) Benzyl Alcohol	7.12	79	9038	1.485	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.95	45	112	0.012	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	79641	15.943	ng	# 75
24) Nitrobenzene	7.52	77	1482	0.225	ng	# 35
25) Isophorone	7.52	82	589245	51.938	ng	# 64
27) 2,4-Dimethylphenol	7.97	122	1455	0.303	ng	# 4
32) Benzoic acid	7.97	122	1455	6.098	ng	91
45) 1,1'-Biphenyl	9.42	154	1351	0.124	ng	90
46) 2-Chloronaphthalene	9.71	162	747	0.087	ng	# 1
47) 2-Nitroaniline	9.71	65	1014	0.352	ng	# 1
48) Acenaphthylene	9.87	152	729	0.054	ng	# 60
49) Dimethylphthalate	9.71	163	113858	11.111	ng	100
50) 2,6-Dinitrotoluene	9.71	165	1302	0.600	ng	# 15
51) Acenaphthene	10.01	154	519	0.061	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	17760	6.271	ng	# 22
57) Fluorene	10.80	166	6742	0.728	ng	# 83
59) Diethylphthalate	10.41	149	397	0.040	ng	# 61
60) 4-Chlorophenyl-phenylether	10.34	204	135	0.028	ng	# 24
62) Azobenzene	10.80	77	724	0.074	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	277	0.200	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	4776	0.634	ng	# 37
66) 4-Bromophenyl-phenylether	10.80	248	11357	4.248	ng	# 1
70) Phenanthrene	11.52	178	637	0.059	ng	# 59
71) Anthracene	11.52	178	637	0.058	ng	# 60
73) Di-n-butylphthalate	12.04	149	1371	0.113	ng	# 77
74) Fluoranthene	12.71	202	1074	0.090	ng	62
76) Benzidine	13.08	184	9216	1.217	ng	# 96
77) Pyrene	12.94	202	1356	0.077	ng	97

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Response via : Initial Calibration

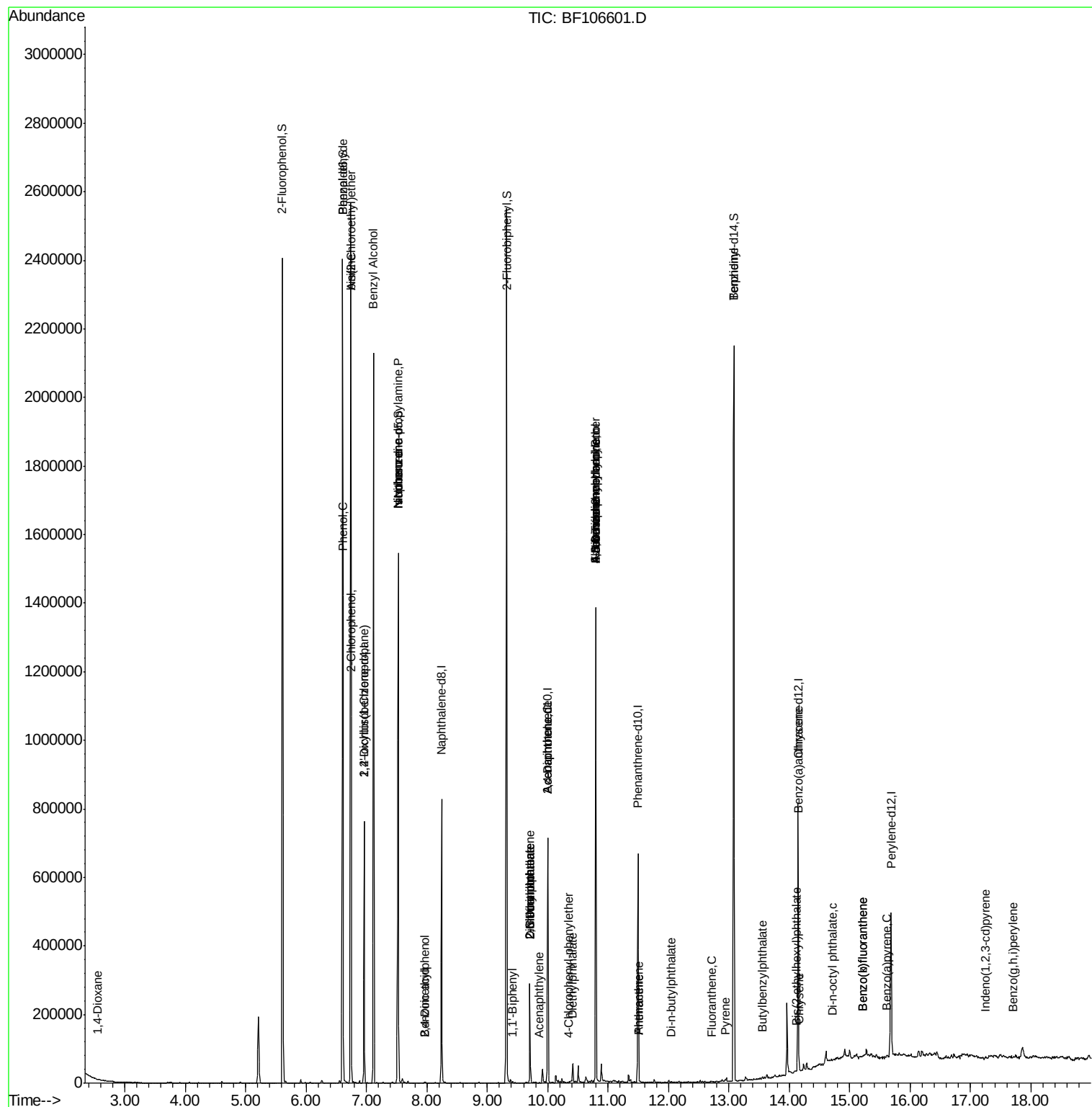
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	13.55	149	106	0.015	ng	# 43
80) Benzo(a)anthracene	14.14	228	1991	0.123	ng	# 63
82) Chrysene	14.17	228	869	0.058	ng	# 73
83) Bis(2-ethylhexyl)phthalate	14.11	149	1959	0.213	ng	# 83
84) Di-n-octyl phthalate	14.71	149	165	0.011	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.25	276	112	0.009	ng	# 46
87) Benzo(b)fluoranthene	15.22	252	1889	0.152	ng	# 4
88) Benzo(k)fluoranthene	15.22	252	1889	0.160	ng	# 8
89) Benzo(a)pyrene	15.61	252	1095	0.099	ng	# 15
91) Benzo(g,h,i)perylene	17.71	276	495	0.054	ng	# 25

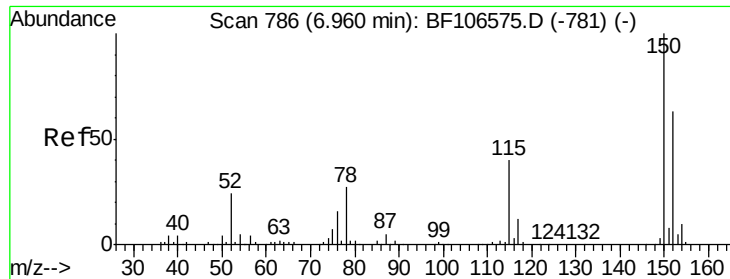
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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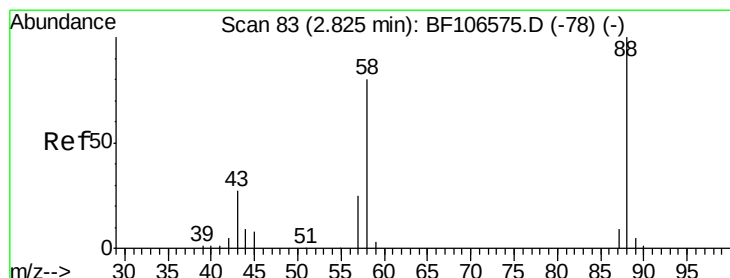
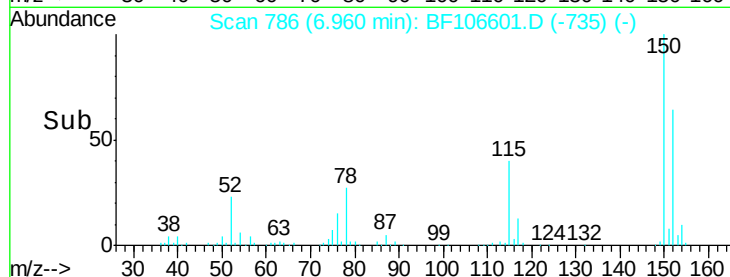
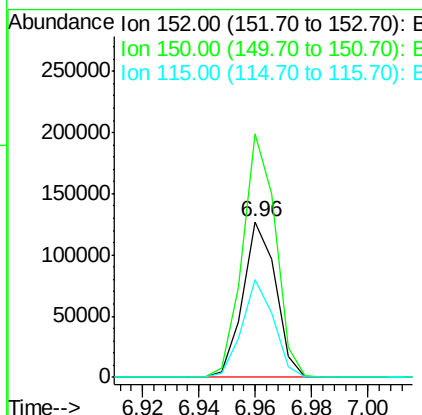
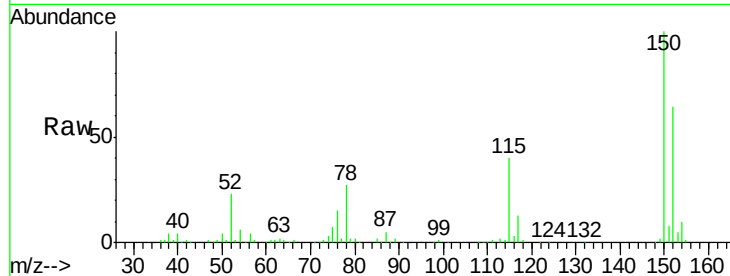


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

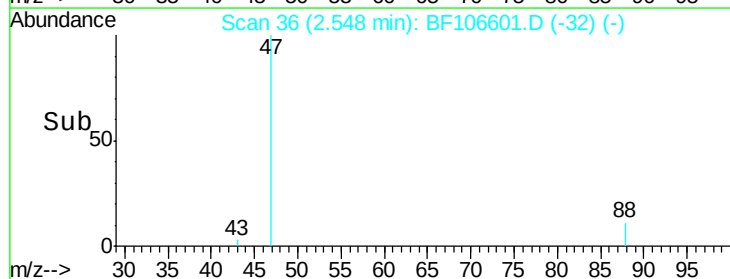
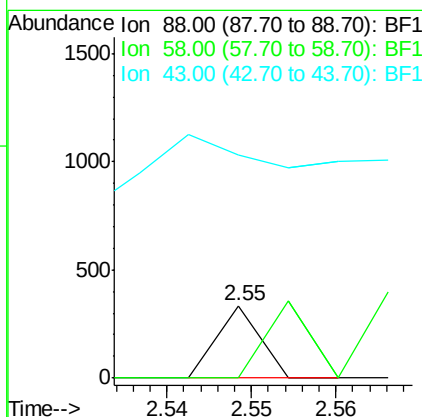
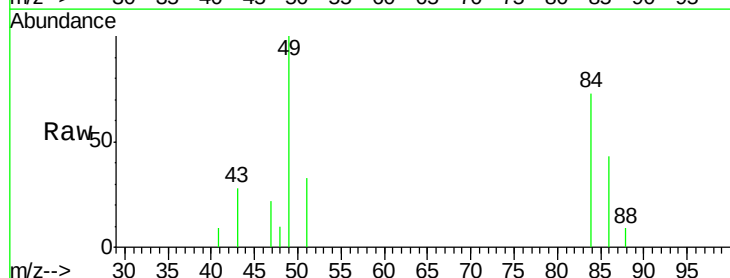
Tgt Ion:152 Resp: 102757
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.5 50.1 75.1

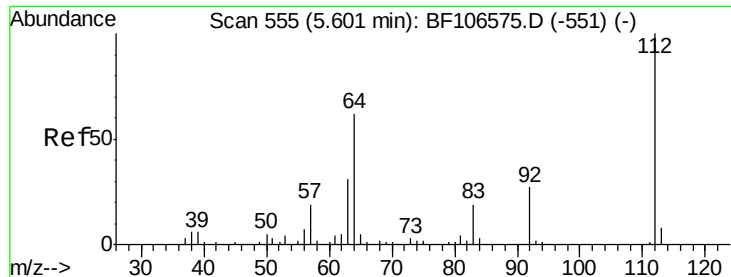


#2

1,4-Dioxane
Concen: 0.038 ng
RT: 2.55 min Scan# 36
Delta R.T. -0.28 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
58 105.9 62.6 93.8#
43 0.0 24.6 37.0#





#5

2-Fluorophenol

Concen: 116.206 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

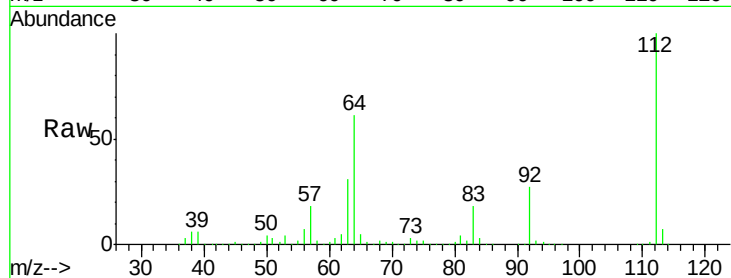
Tgt Ion: 112 Resp: 705182

Ion Ratio Lower Upper

112 100

64 60.8 47.9 71.9

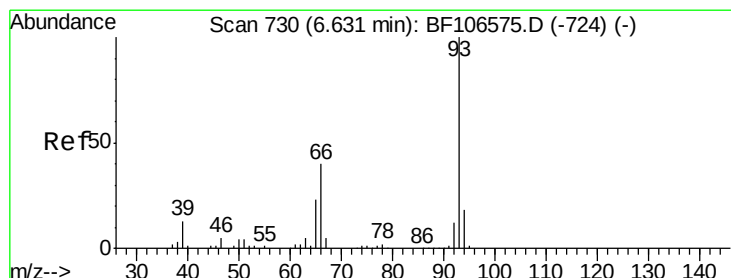
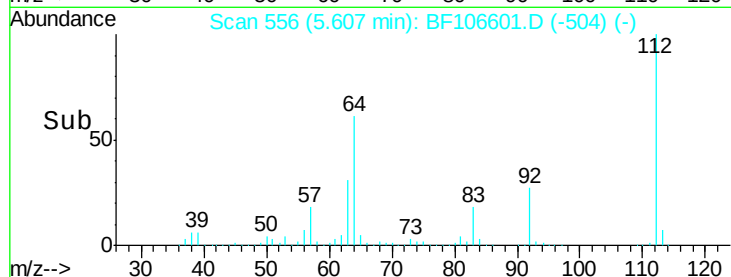
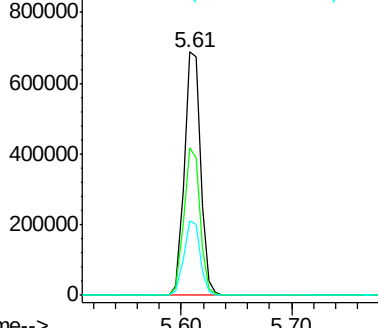
63 30.7 23.7 35.5



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: 0.102 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.11 min

Lab File: BF106601.D

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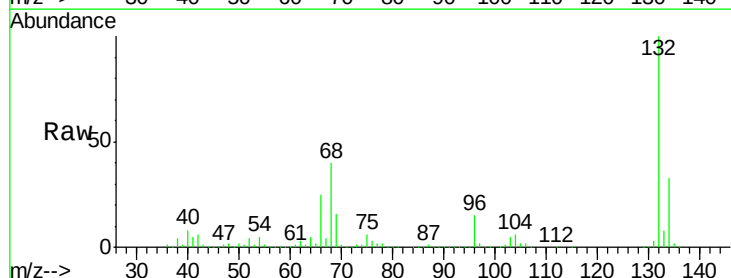
Tgt Ion: 93 Resp: 1050

Ion Ratio Lower Upper

93 100

66 14525.0 32.2 48.2#

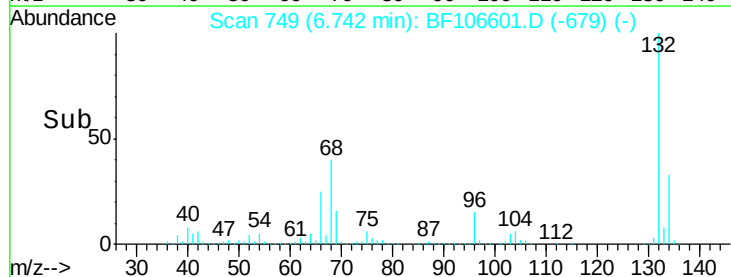
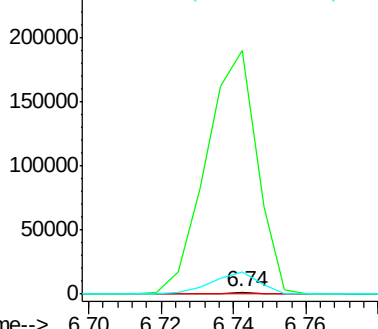
65 1291.9 16.4 24.6#

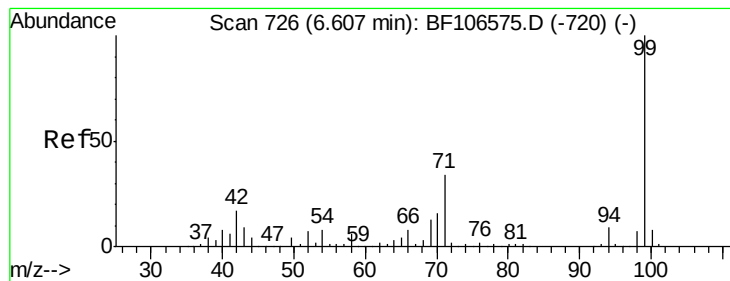


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.391 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

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A-5(2.5)

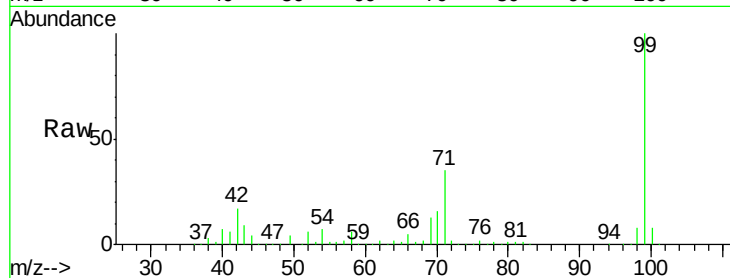
Tgt Ion: 99 Resp: 882040

Ion Ratio Lower Upper

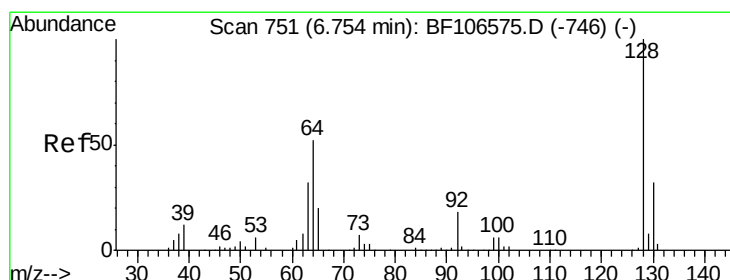
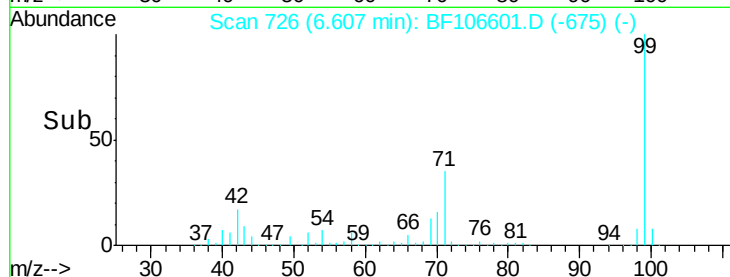
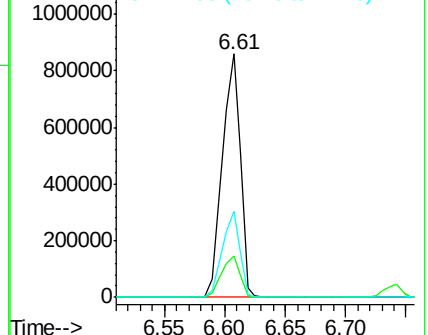
99 100

42 17.0 14.5 21.7

71 35.4 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



#8

2-Chlorophenol

Concen: 0.025 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

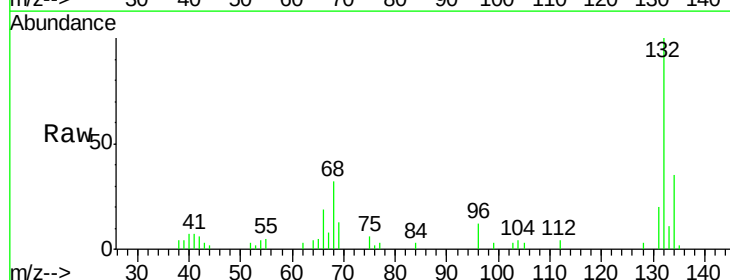
Tgt Ion: 128 Resp: 166

Ion Ratio Lower Upper

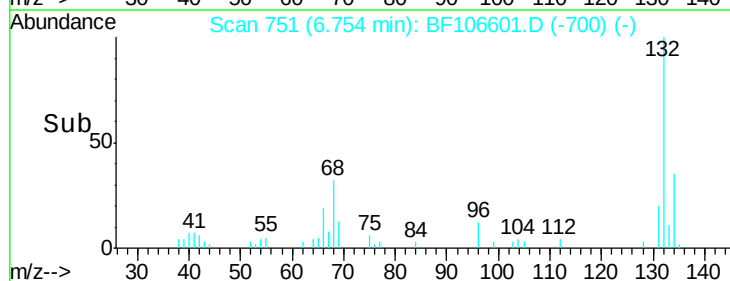
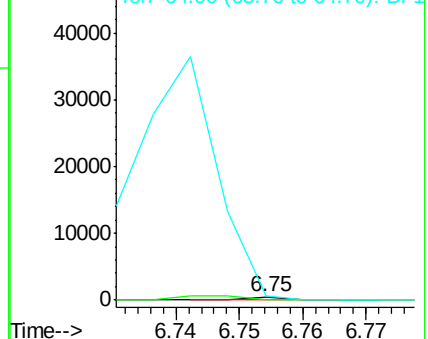
128 100

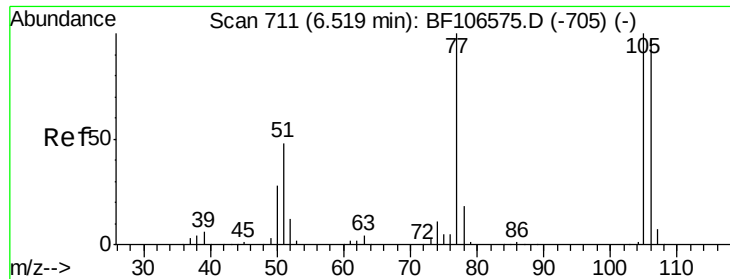
130 0.0 13.0 53.0#

64 134.0 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

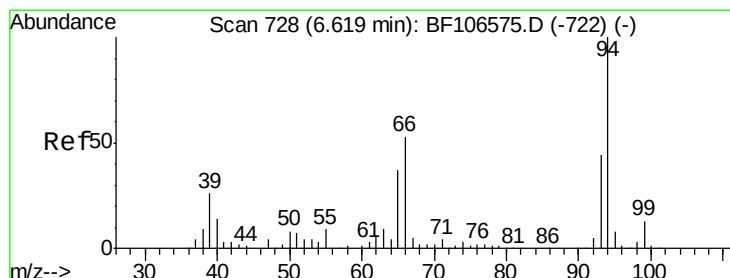
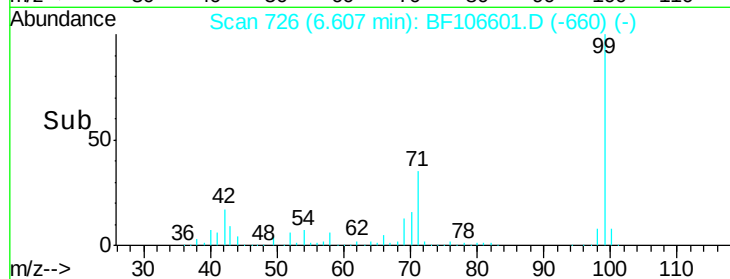
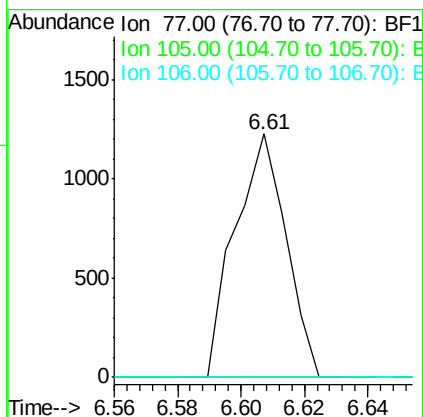
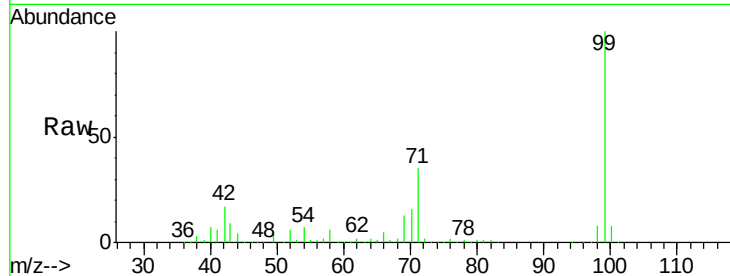




#9
Benzaldehyde
Concen: 0.297 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.09 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

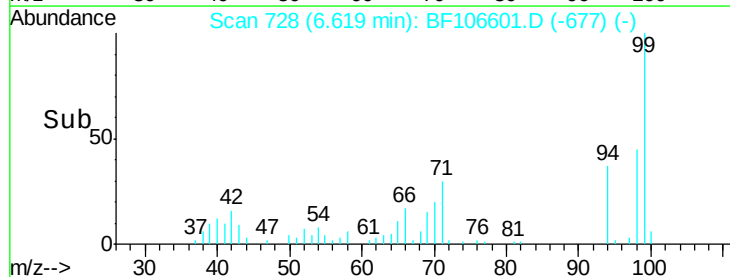
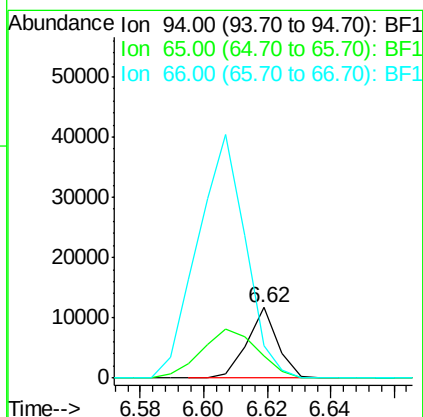
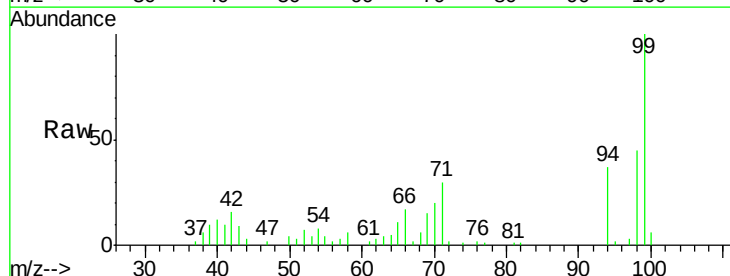
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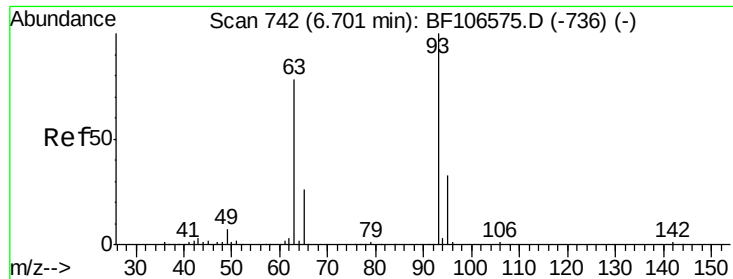
Tgt Ion: 77 Resp: 1367
Ion Ratio Lower Upper
77 100
105 0.0 81.1 121.1#
106 0.0 74.5 114.5#



#10
Phenol
Concen: 0.900 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion: 94 Resp: 7788
Ion Ratio Lower Upper
94 100
65 30.7 7.9 47.9
66 46.5 16.2 56.2

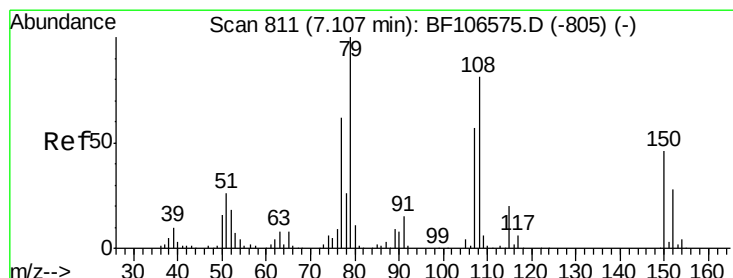
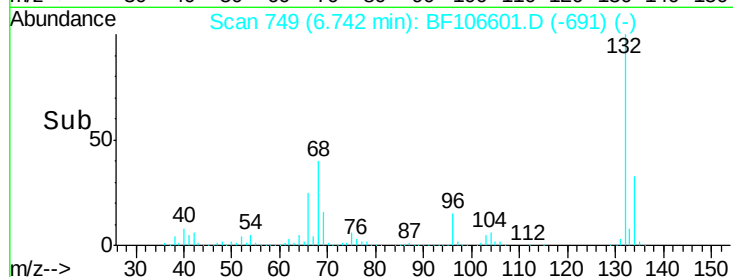
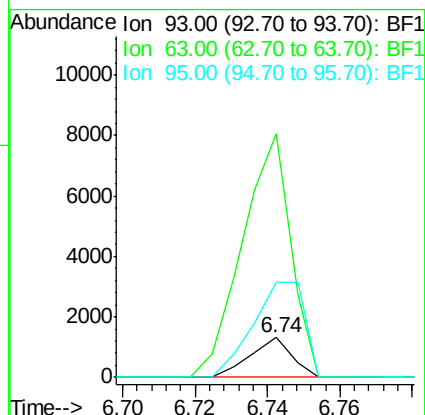
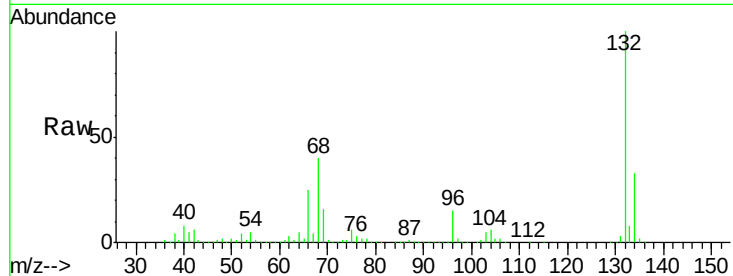




#11
bis(2-Chloroethyl)ether
Concen: 0.147 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.04 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

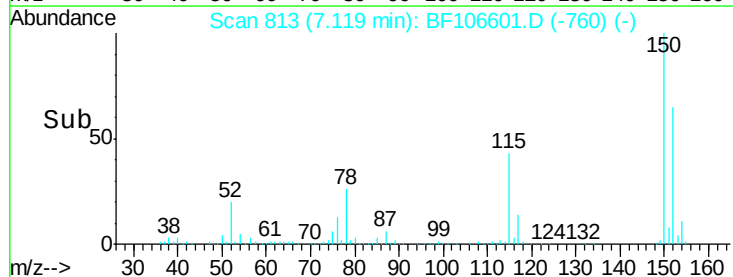
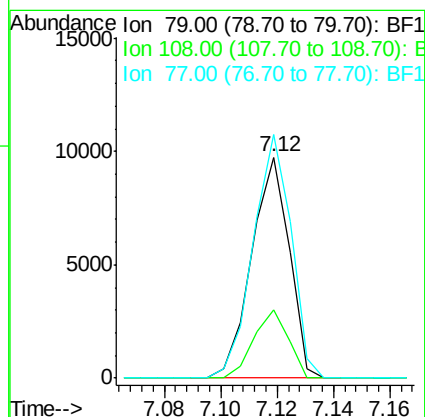
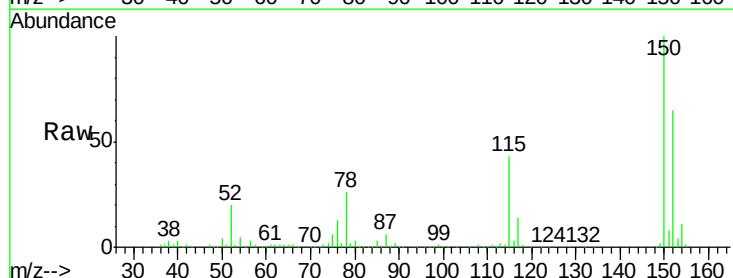
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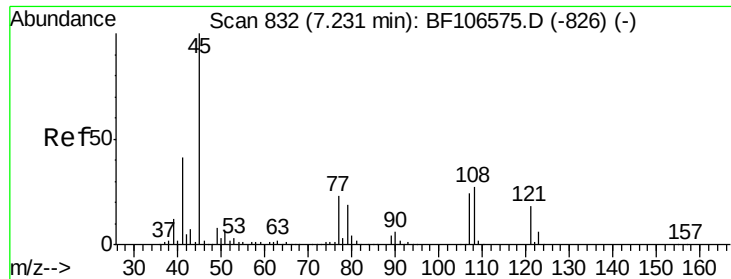
Tgt Ion: 93 Resp: 1050
Ion Ratio Lower Upper
93 100
63 616.8 58.6 98.6#
95 239.6 11.8 51.8#



#15
Benzyl Alcohol
Concen: 1.485 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion: 79 Resp: 9038
Ion Ratio Lower Upper
79 100
108 31.0 65.1 97.7#
77 110.1 50.6 75.8#

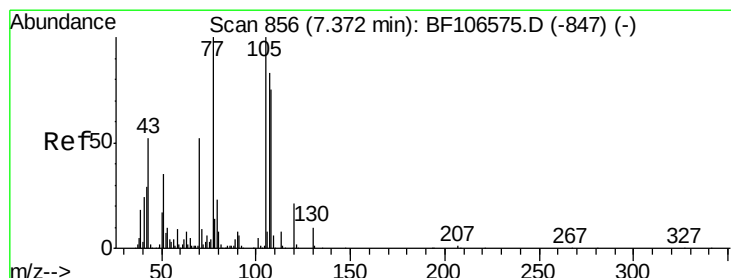
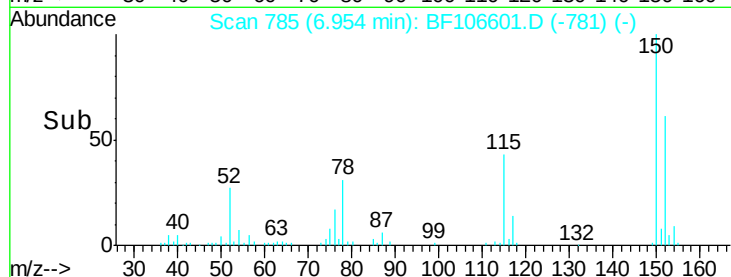
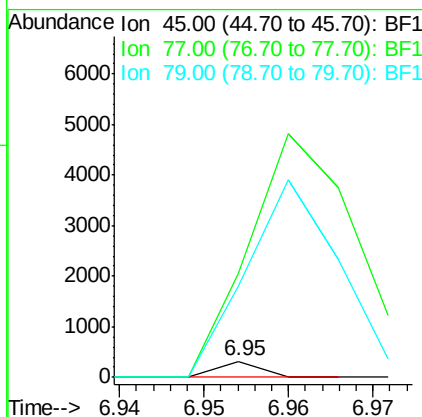
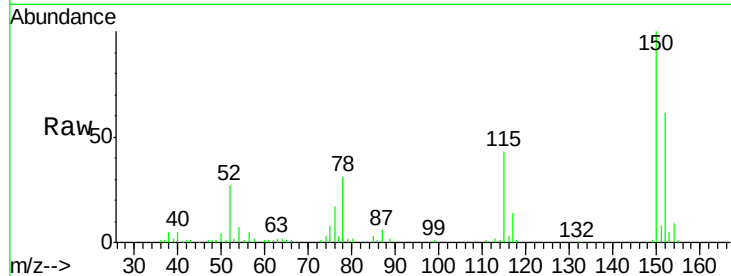




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.012 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.28 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

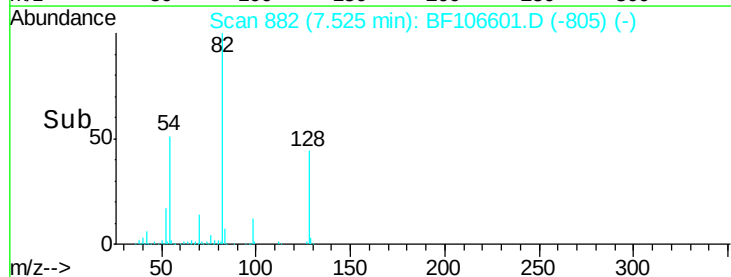
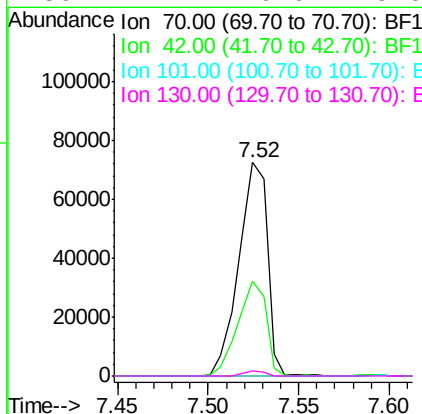
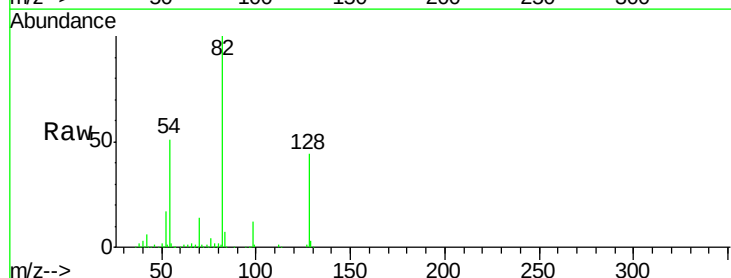
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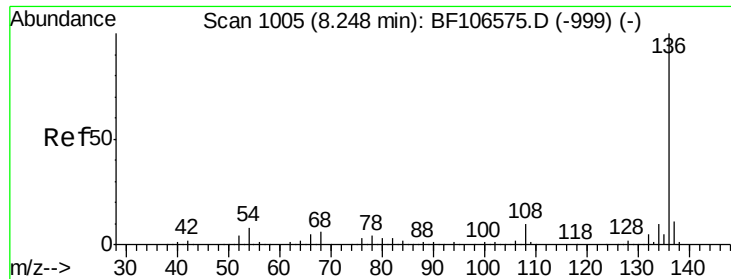
Tgt Ion: 45 Resp: 112
 Ion Ratio Lower Upper
 45 100
 77 647.6 0.0 32.9#
 79 568.8 0.0 29.6#



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.943 ng
 RT: 7.52 min Scan# 882
 Delta R.T. 0.15 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion: 70 Resp: 79641
 Ion Ratio Lower Upper
 70 100
 42 44.3 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.2 16.6 25.0#

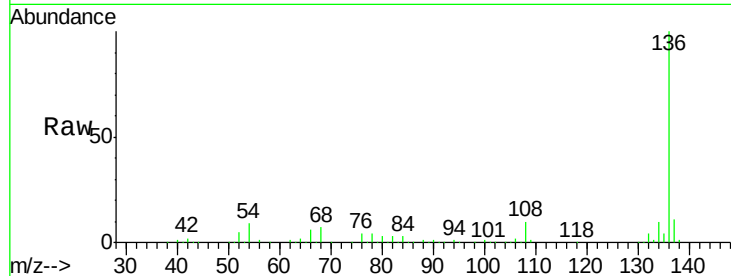




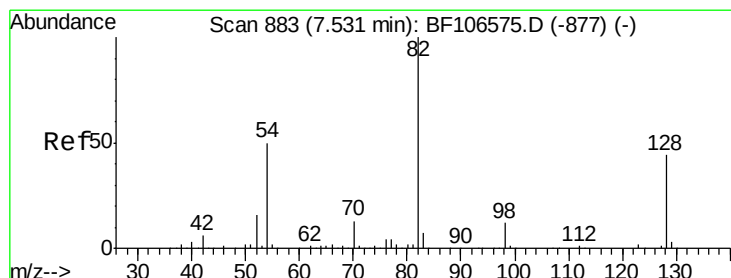
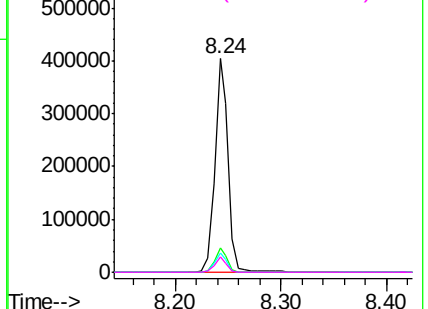
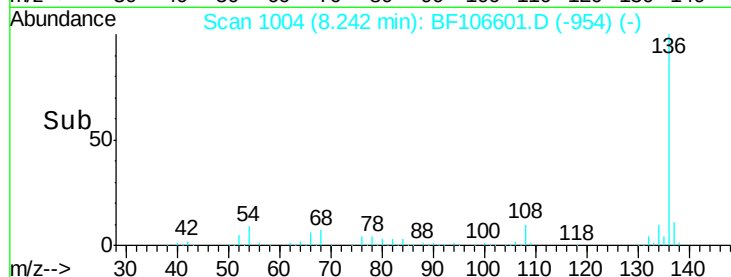
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:	136	Resp:	357796
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.1	6.6	9.8
68	7.0	5.0	7.4

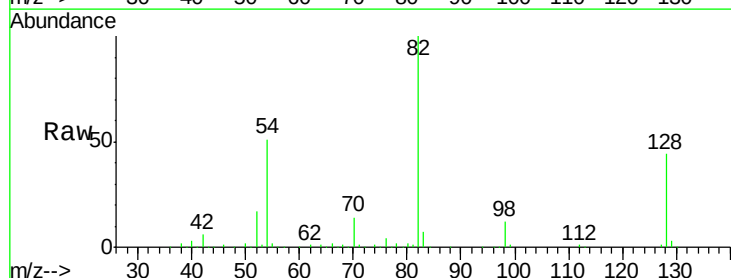


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

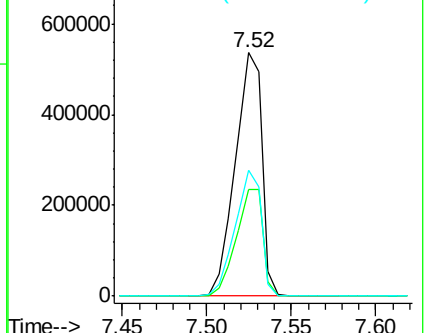
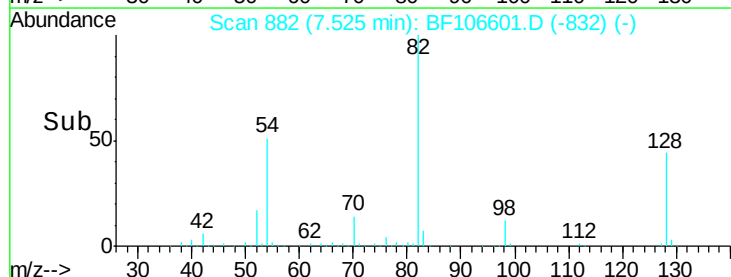


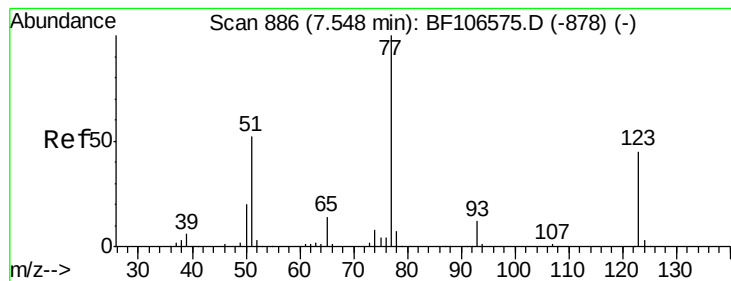
#23
Nitrobenzene-d5
Concen: 91.525 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion:	82	Resp:	589261
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	51.5	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: 0.225 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

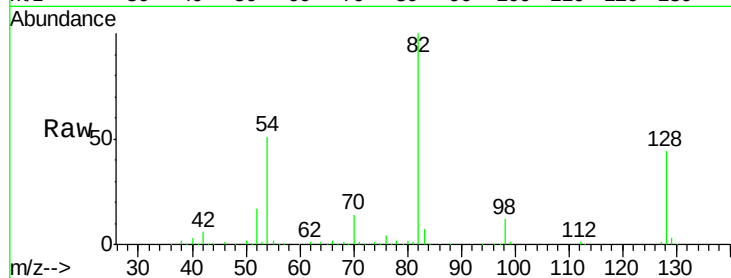
Tgt Ion: 77 Resp: 1482

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

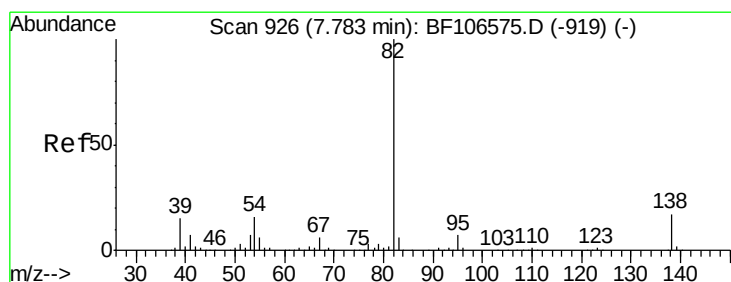
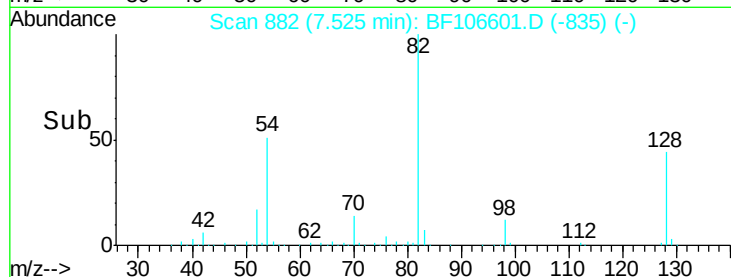
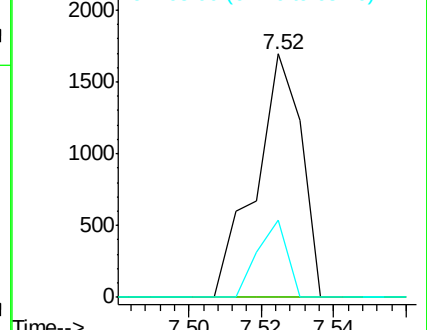
65 31.6 11.0 16.4#



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: 51.938 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

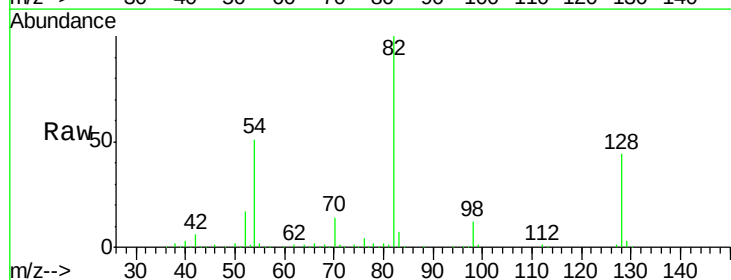
Tgt Ion: 82 Resp: 589245

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

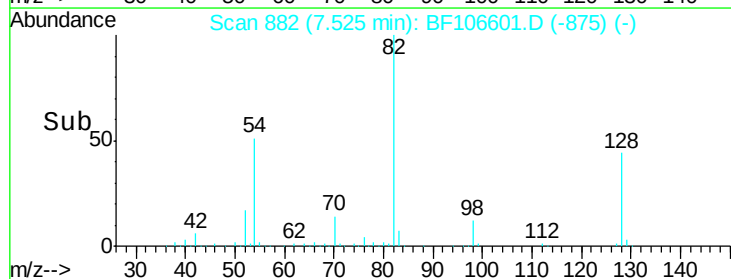
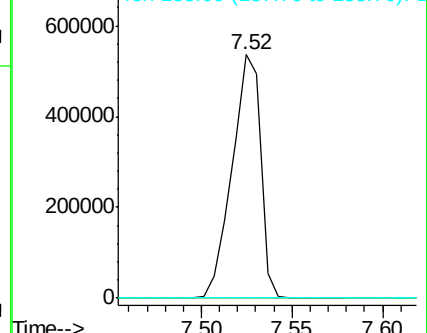
138 0.0 14.9 22.3#

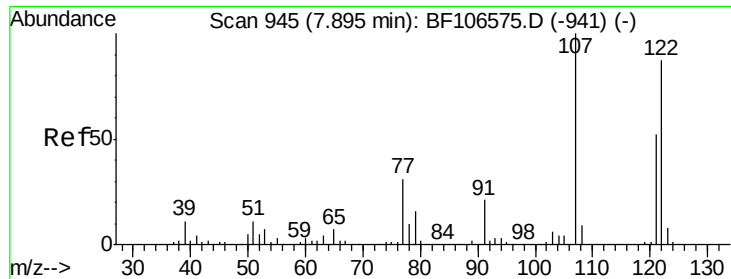


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

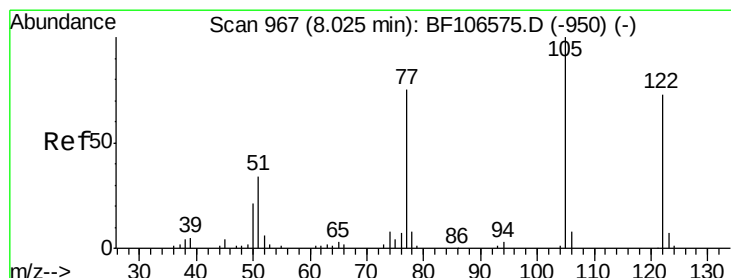
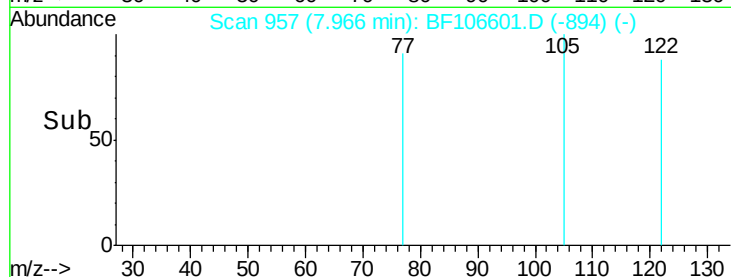
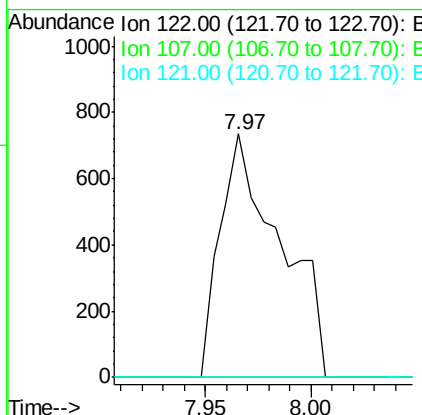
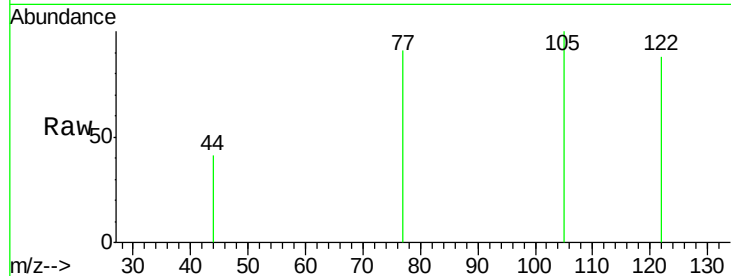




#27
 2,4-Dimethylphenol
 Concen: 0.303 ng
 RT: 7.97 min Scan# 957
 Delta R.T. 0.07 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

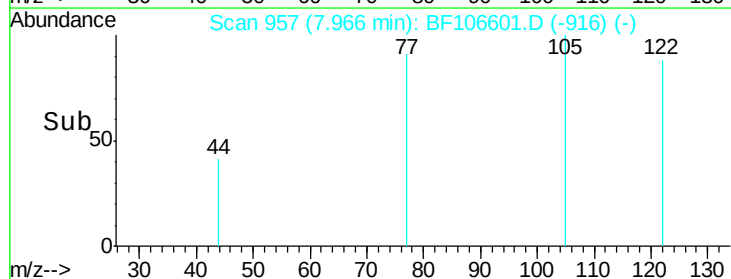
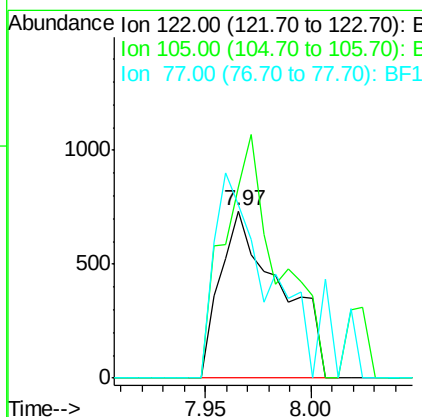
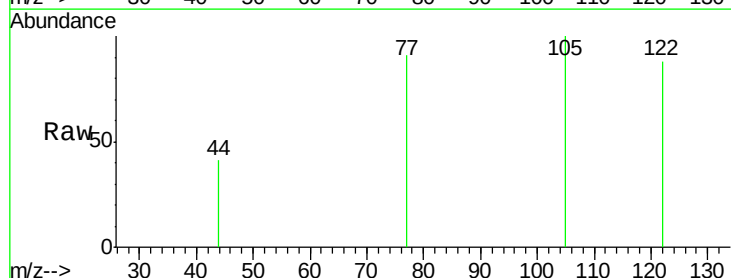
Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

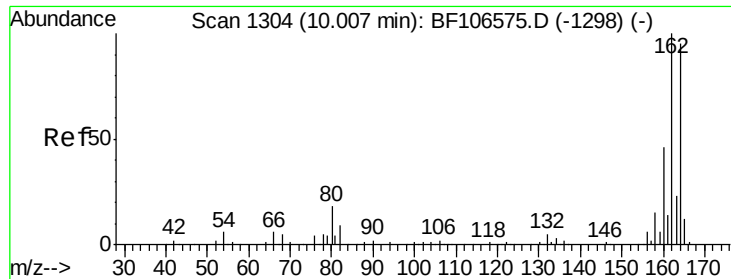
Tgt Ion:122 Resp: 1455
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.2 136.8#
 121 0.0 47.2 70.8#



#32
 Benzoic acid
 Concen: 6.098 ng
 RT: 7.97 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion:122 Resp: 1455
 Ion Ratio Lower Upper
 122 100
 105 114.0 101.1 141.1
 77 103.4 70.7 110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

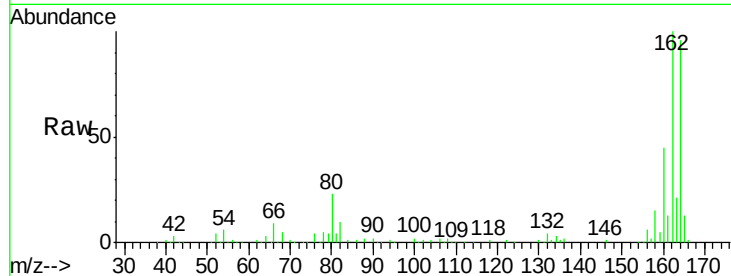
Tgt Ion:164 Resp: 136626

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

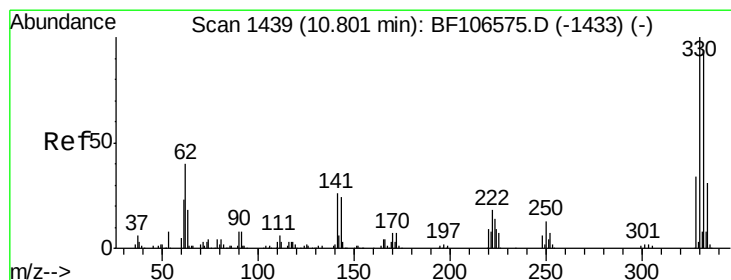
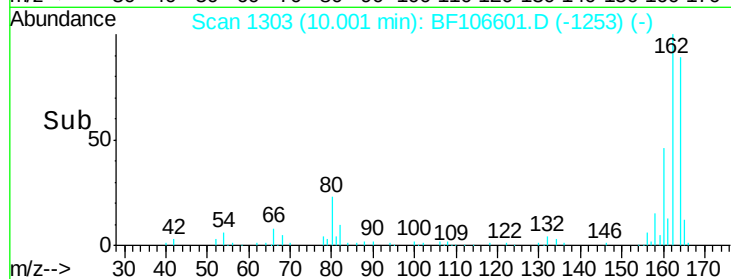
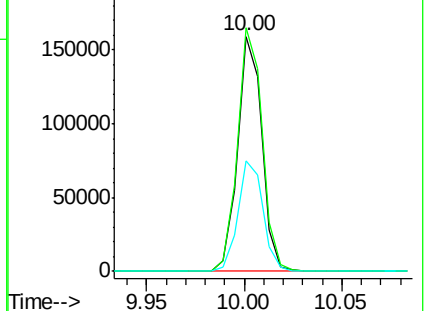
160 47.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.878 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

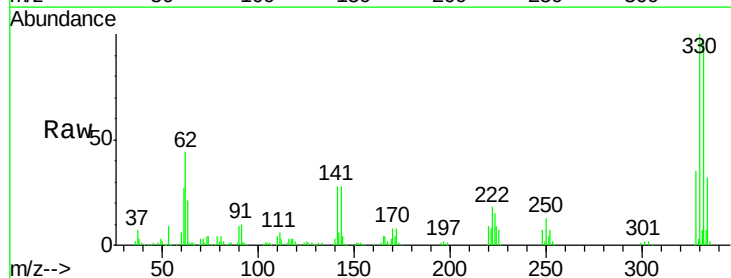
Tgt Ion:330 Resp: 173995

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

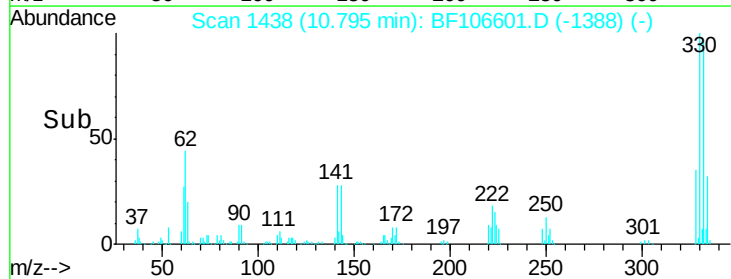
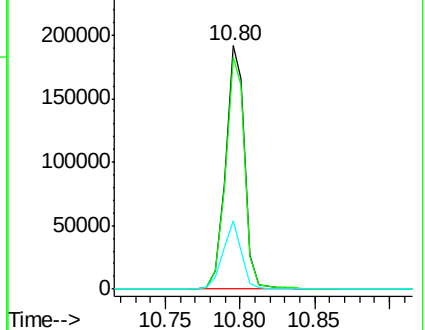
141 27.3 29.9 44.9#

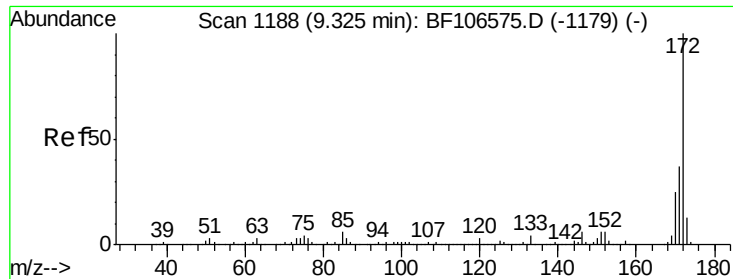


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

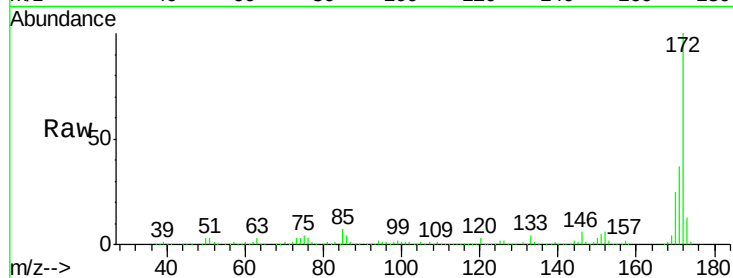




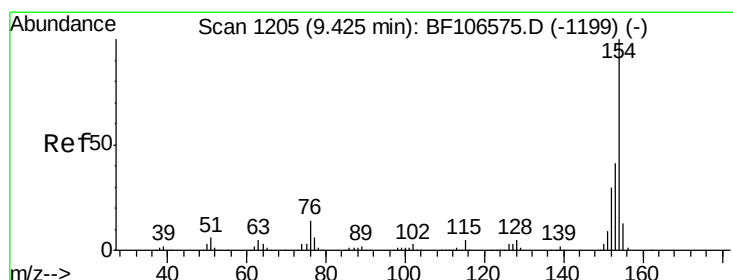
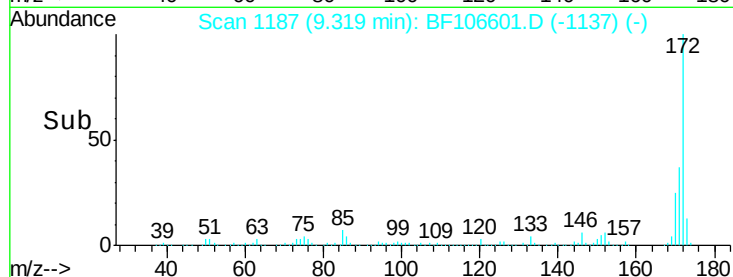
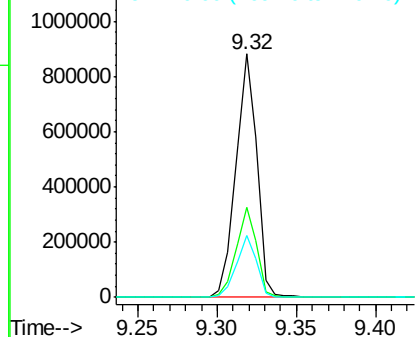
#44
 2-Fluorobiphenyl
 Concen: 103.745 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Tgt Ion:172 Resp: 811153
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 25.3 19.6 29.4

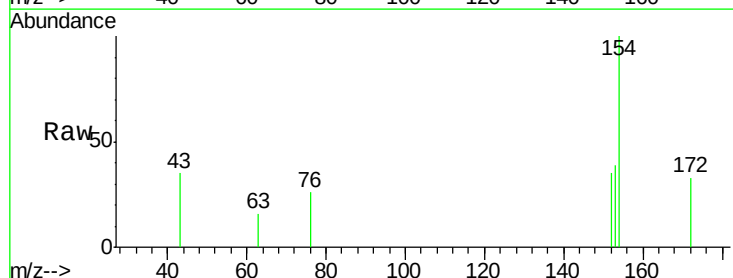


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

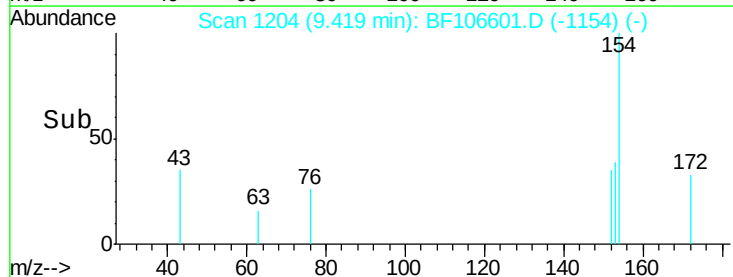
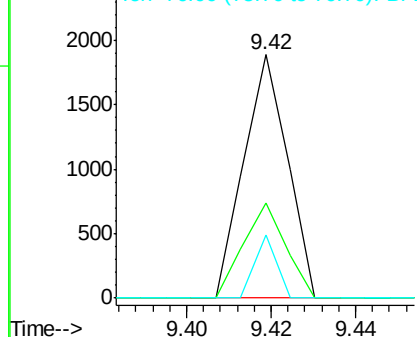


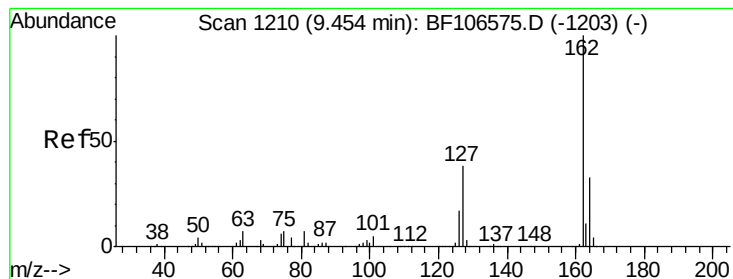
#45
 1,1'-Biphenyl
 Concen: 0.124 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion:154 Resp: 1351
 Ion Ratio Lower Upper
 154 100
 153 39.2 21.3 61.3
 76 26.0 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: 0.087 ng

RT: 9.71 min Scan# 1254

Delta R.T. 0.26 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

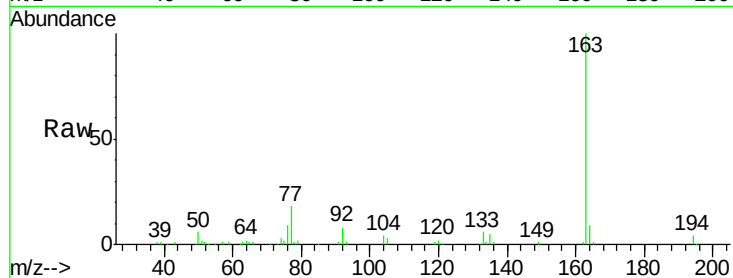
Tgt Ion: 162 Resp: 747

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

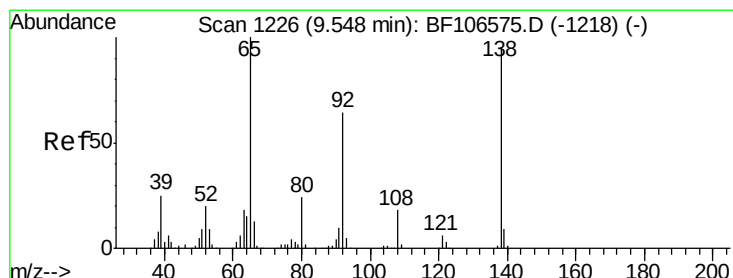
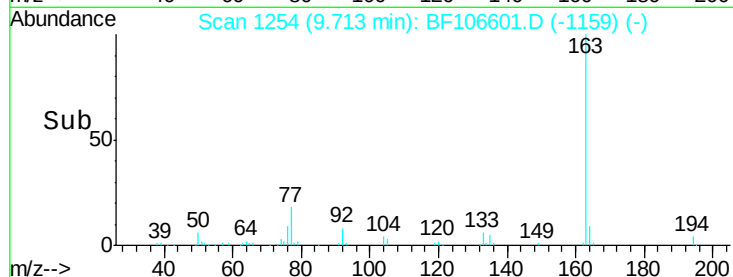
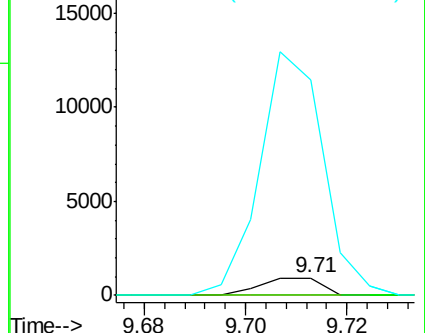
164 1259.6 26.5 39.7#



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: 0.352 ng

RT: 9.71 min Scan# 1254

Delta R.T. 0.16 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

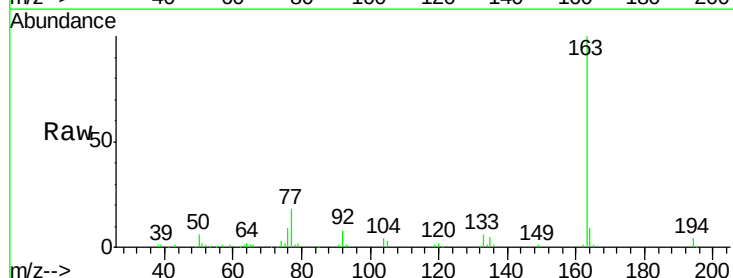
Tgt Ion: 65 Resp: 1014

Ion Ratio Lower Upper

65 100

92 827.9 55.8 83.6#

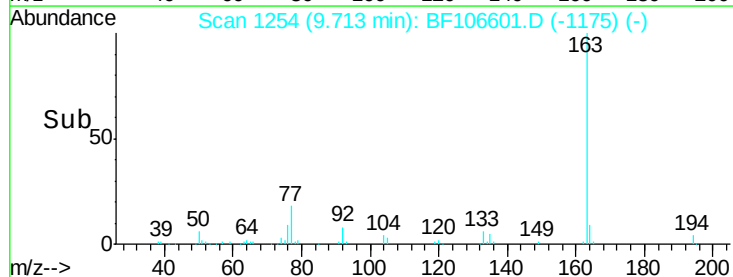
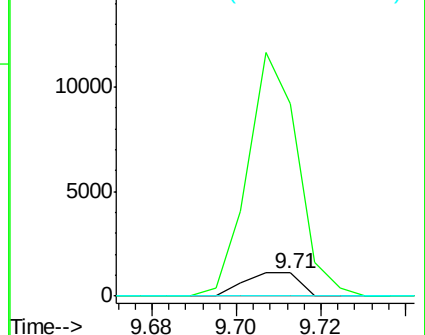
138 0.0 91.2 136.8#

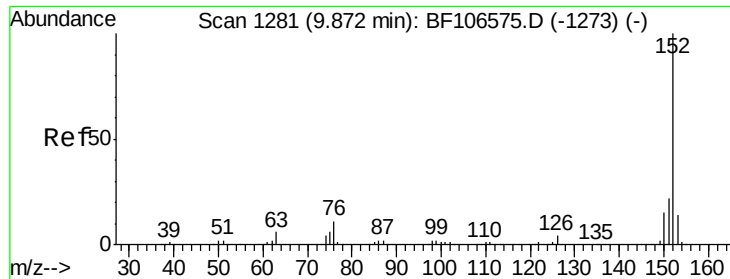


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.054 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

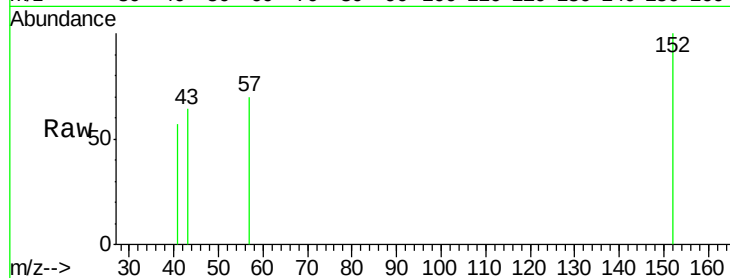
Tgt Ion:152 Resp: 729

Ion Ratio Lower Upper

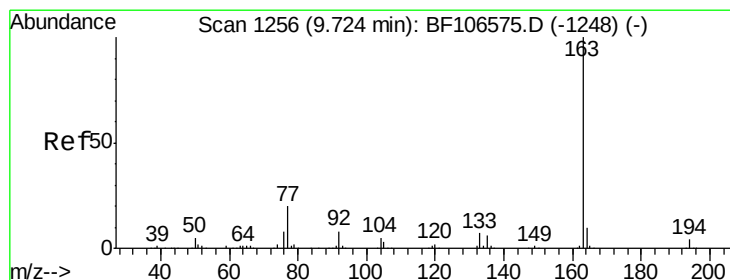
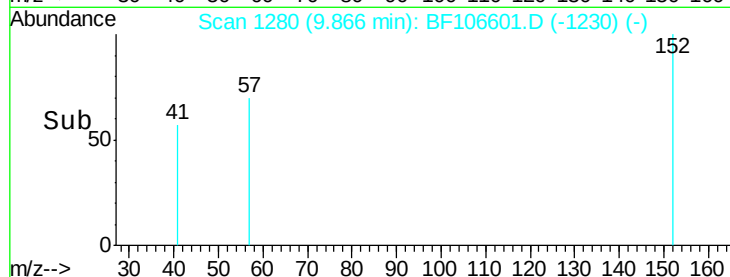
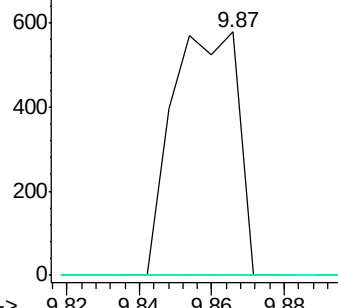
152 100

151 0.0 16.3 24.5#

153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.111 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

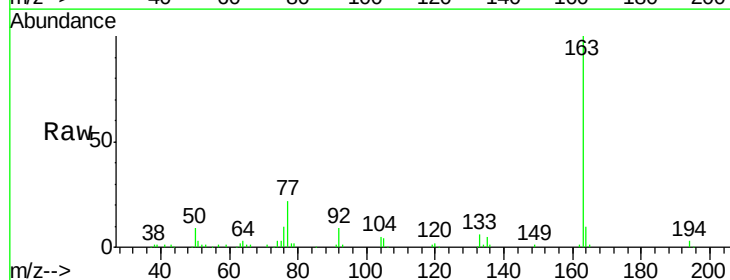
Tgt Ion:163 Resp: 113858

Ion Ratio Lower Upper

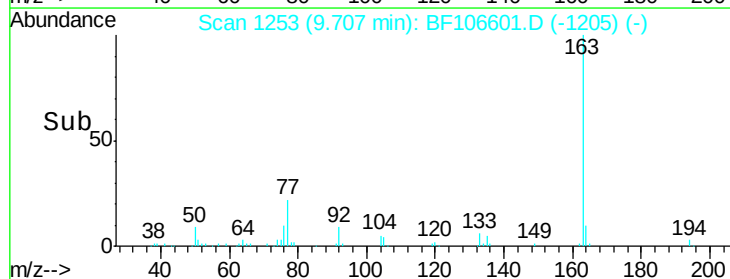
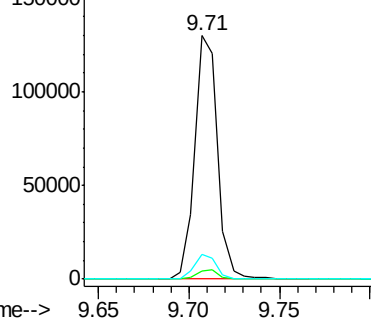
163 100

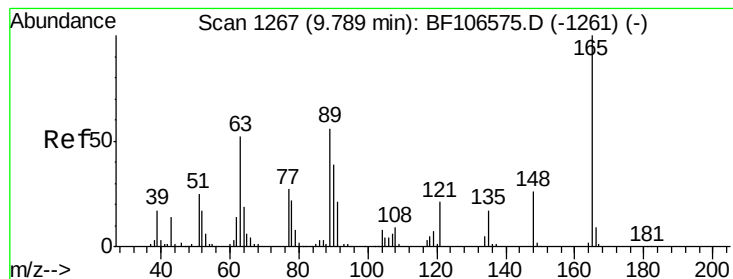
194 3.4 2.7 4.1

164 10.0 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: 0.600 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.08 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

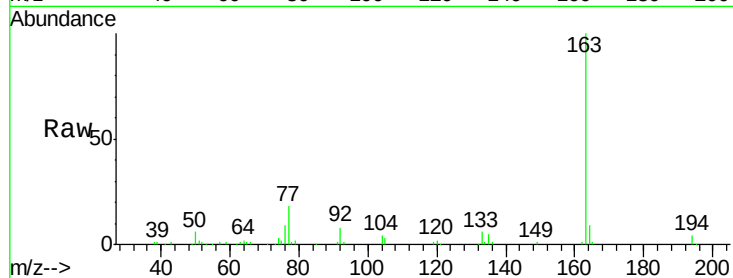
Tgt Ion:165 Resp: 1302

Ion Ratio Lower Upper

165 100

63 124.8 44.7 67.1#

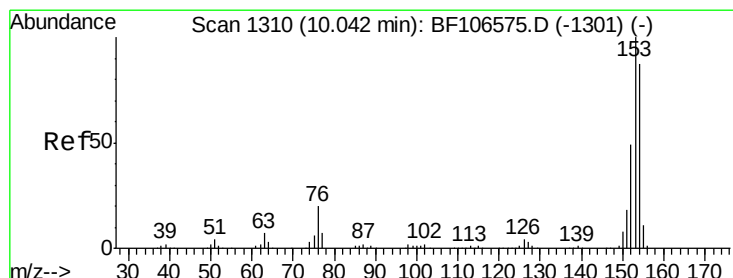
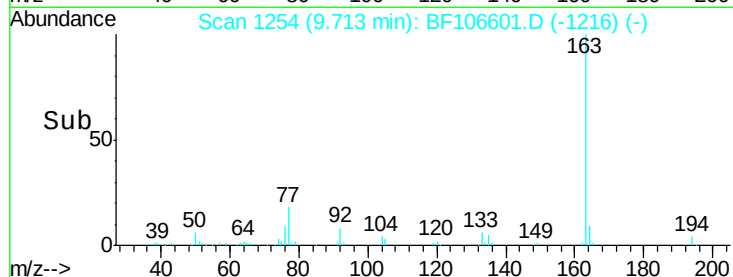
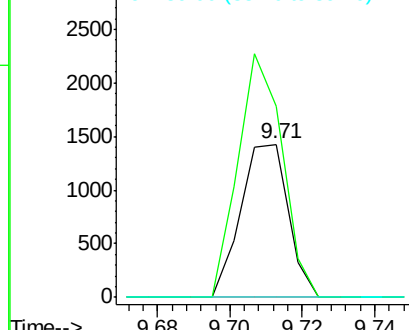
89 0.0 44.0 66.0#



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: 0.061 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

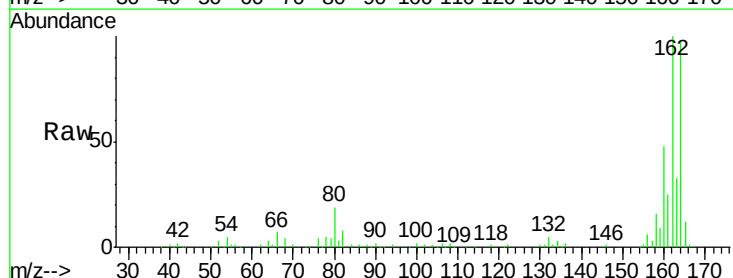
Tgt Ion:154 Resp: 519

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

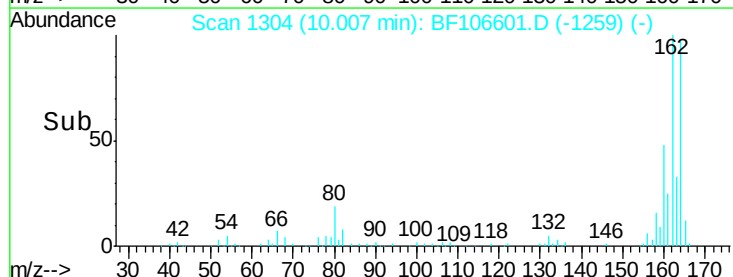
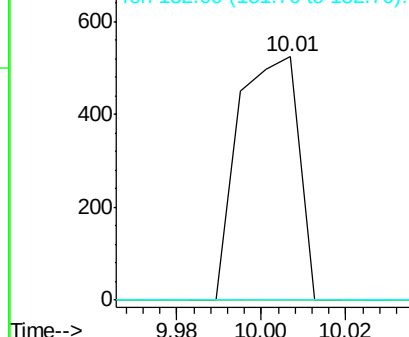
152 0.0 43.8 65.8#

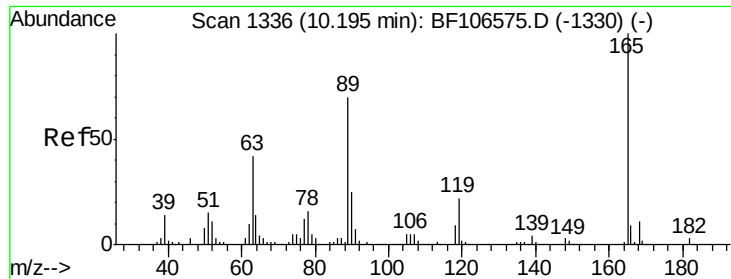


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

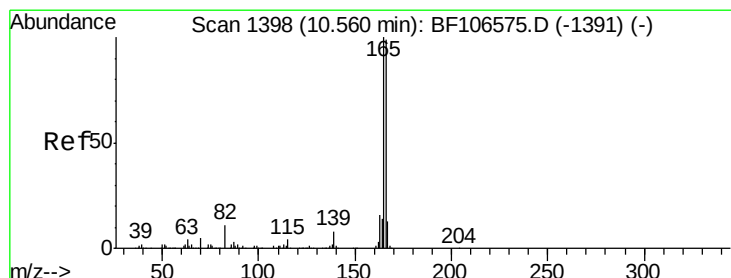
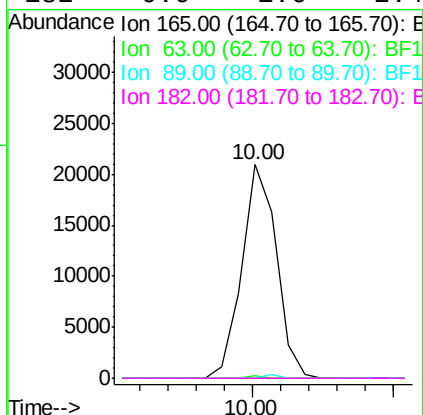
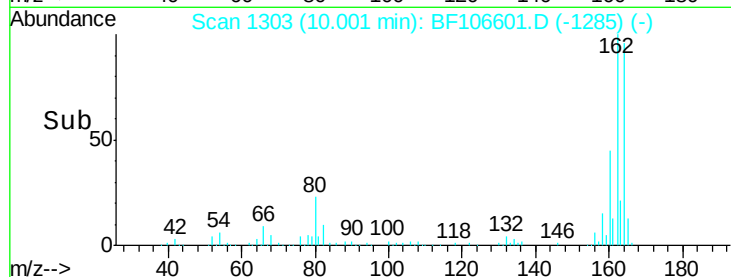
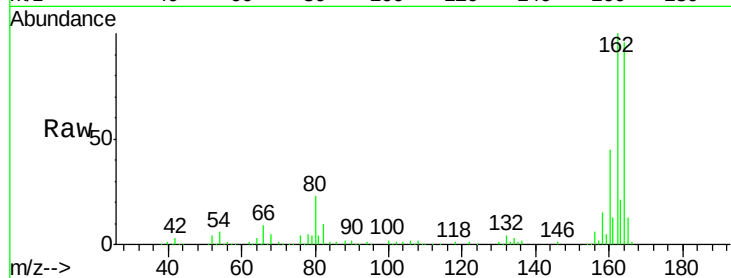




#56
2,4-Dinitrotoluene
Concen: 6.271 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

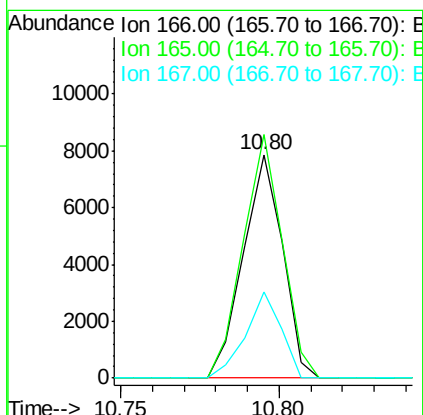
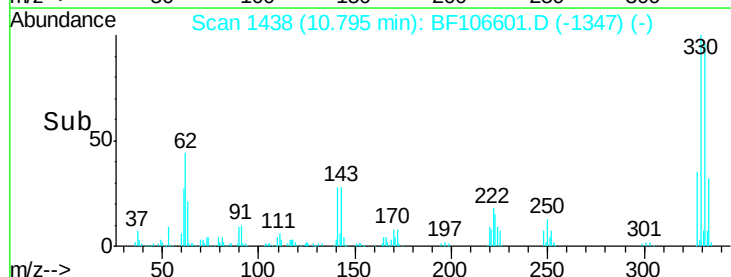
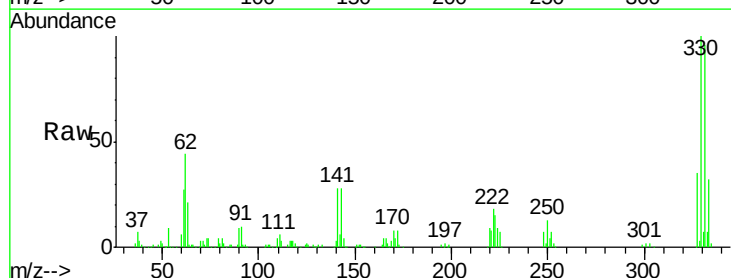
Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

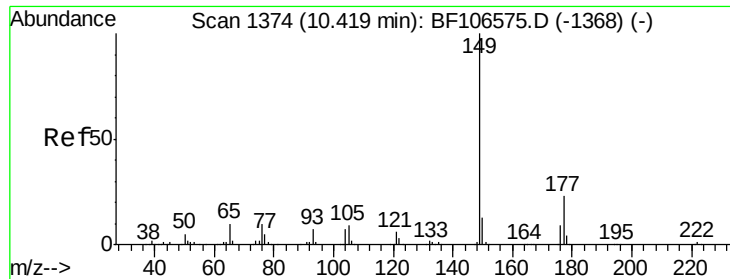
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.728 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.24 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.9	79.8	119.8
167	43.5	10.6	16.0#

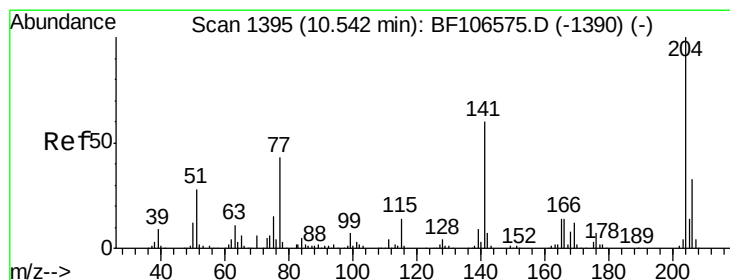
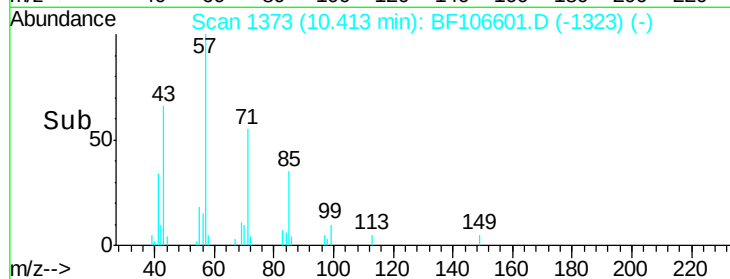
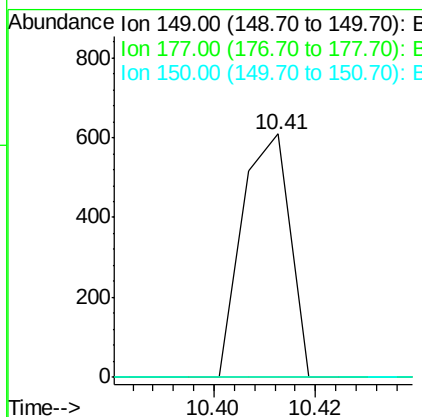
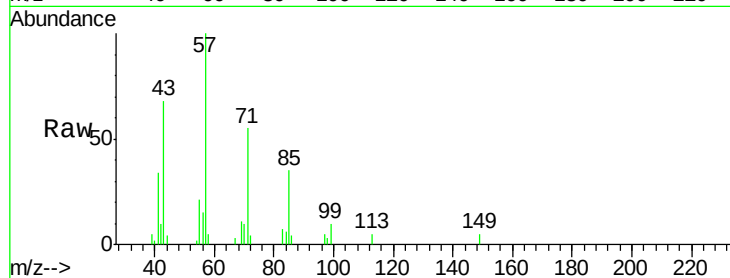




#59
Diethylphthalate
Concen: 0.040 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

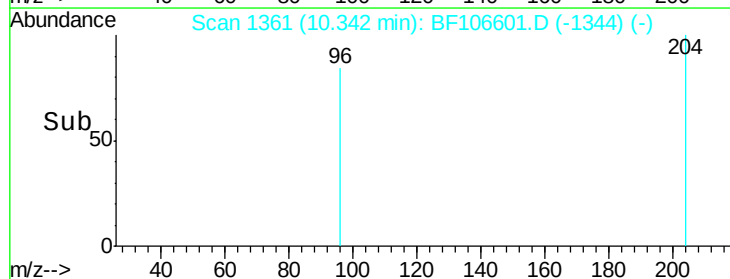
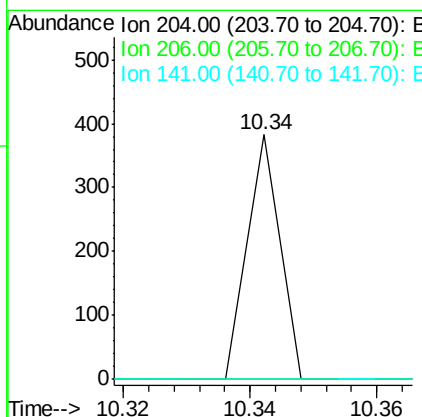
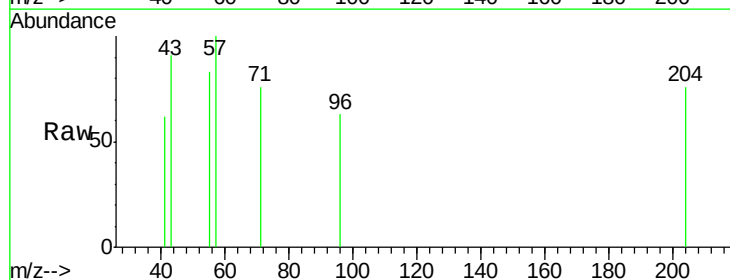
Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

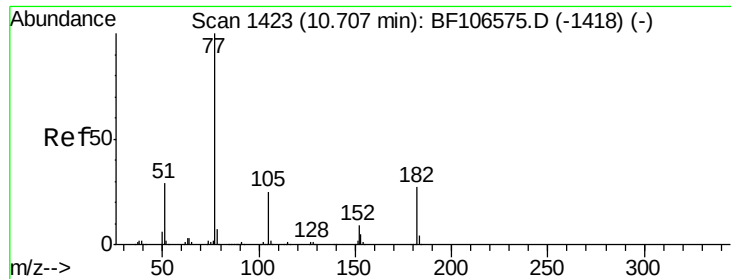
Tgt Ion: 149 Resp: 397
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 0.028 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.20 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion: 204 Resp: 135
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 0.0 54.6 81.8#





#62

Azobenzene

Concen: 0.074 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.09 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

Tgt Ion: 77 Resp: 724

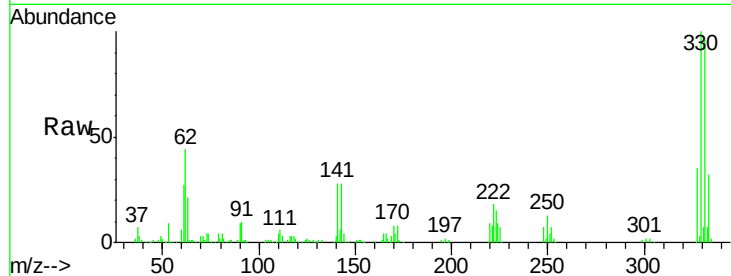
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 137.0 3.0 43.0#

51 90.6 9.9 49.9#

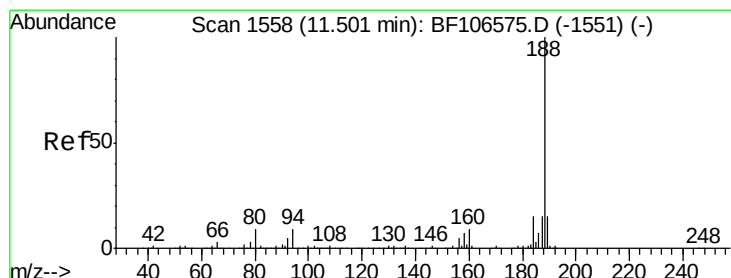
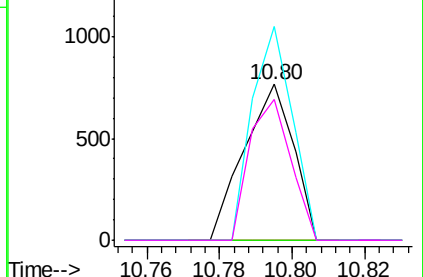
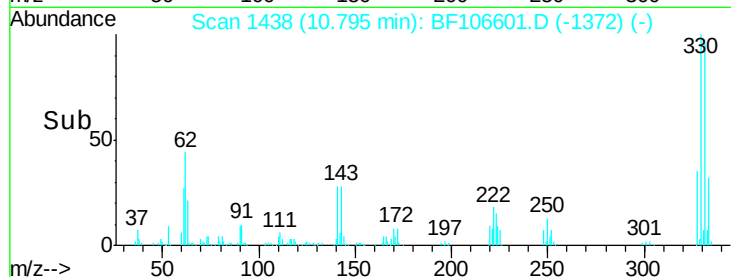


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

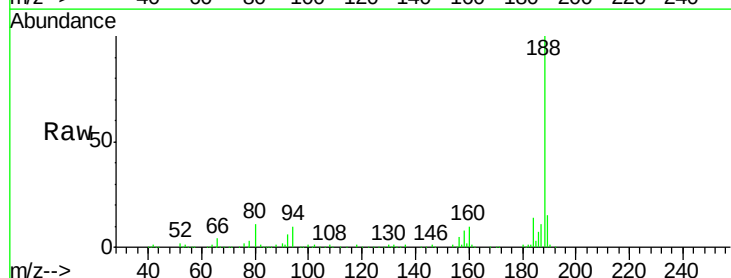
Tgt Ion: 188 Resp: 223999

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

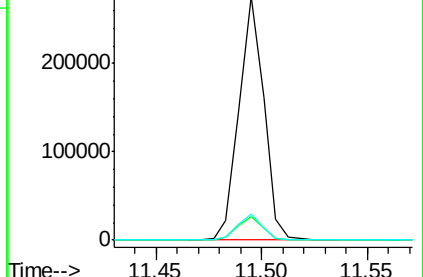
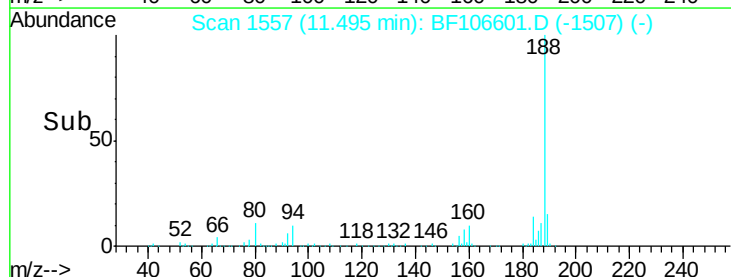
80 10.6 9.2 13.8

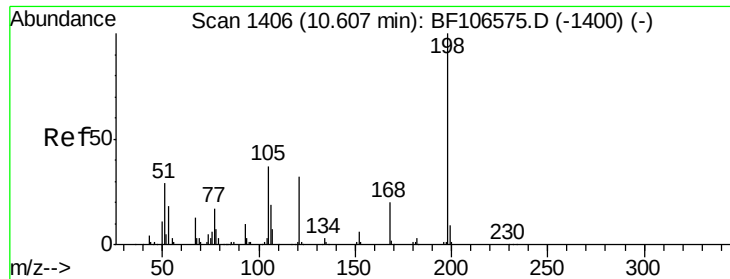


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

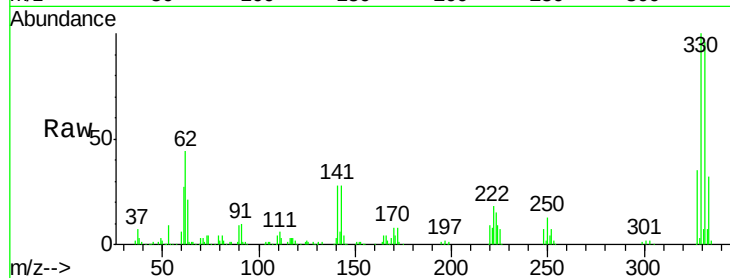




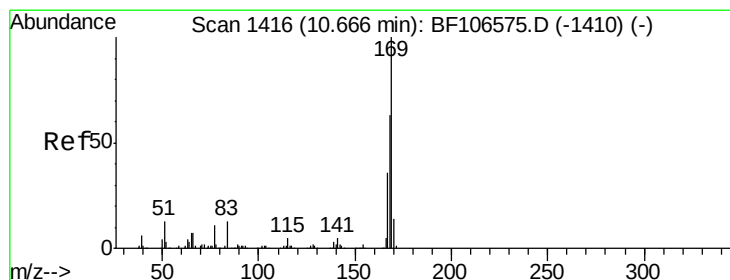
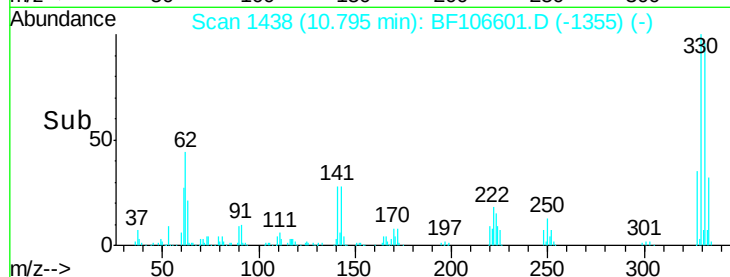
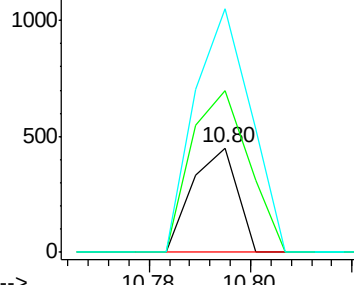
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.200 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Tgt Ion:198 Resp: 277
 Ion Ratio Lower Upper
 198 100
 51 154.4 37.7 77.7#
 105 233.6 36.3 76.3#

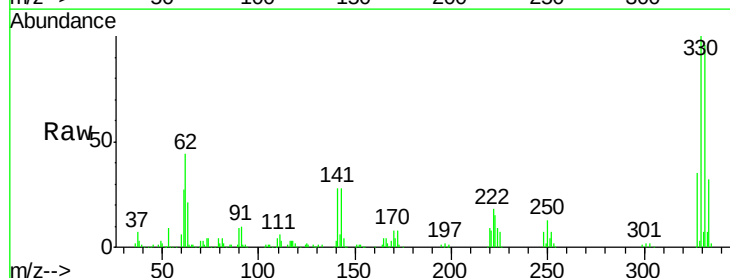


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

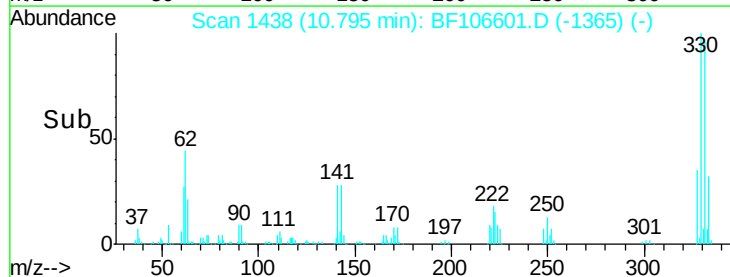
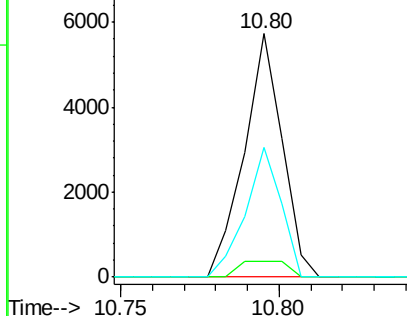


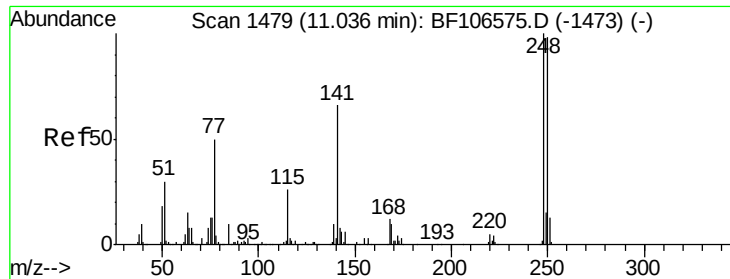
#65
 n-Nitrosodiphenylamine
 Concen: 0.634 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.13 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion:169 Resp: 4776
 Ion Ratio Lower Upper
 169 100
 168 6.5 54.4 81.6#
 167 59.7 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

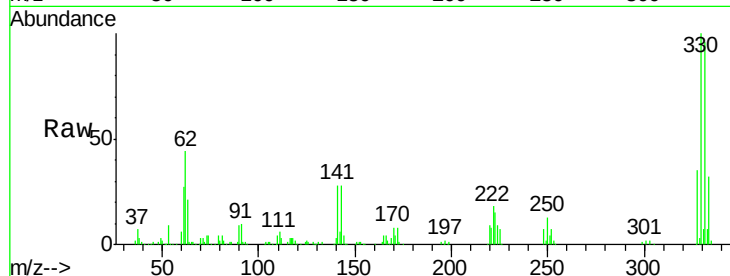




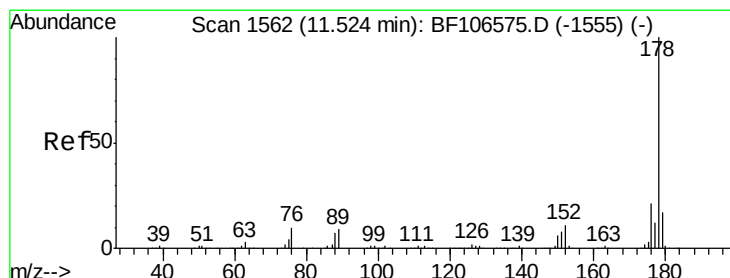
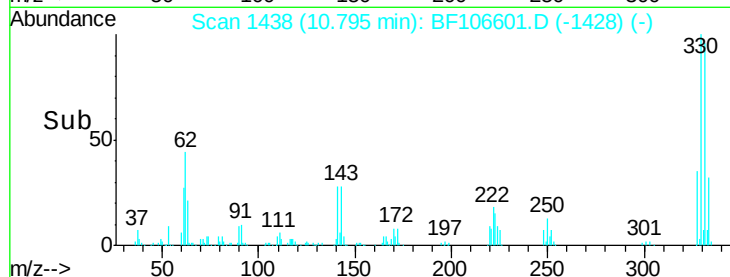
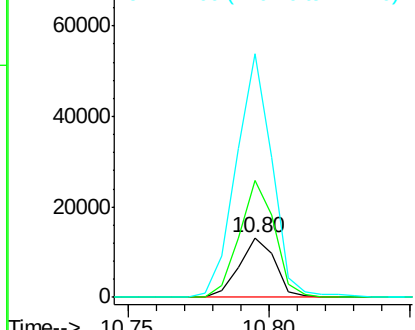
#66
 4-Bromophenyl-phenylether
 Concen: 4.248 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Tgt Ion:248 Resp: 11357
 Ion Ratio Lower Upper
 248 100
 250 197.3 76.9 115.3#
 141 410.3 74.4 111.6#

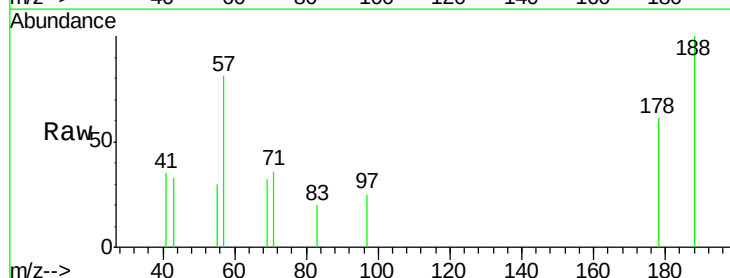


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

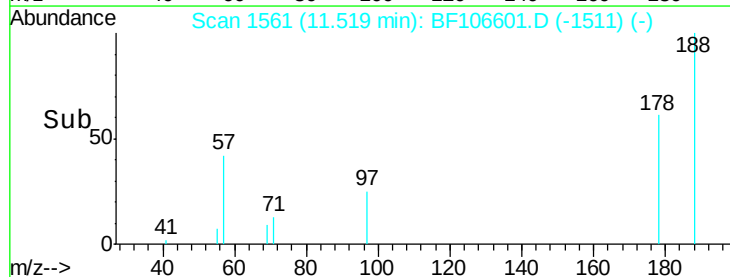
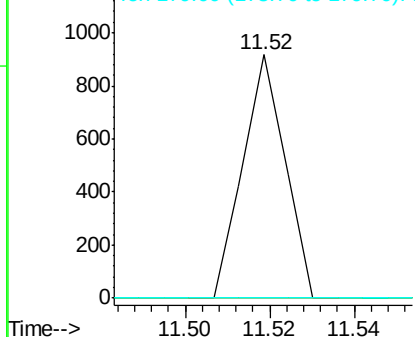


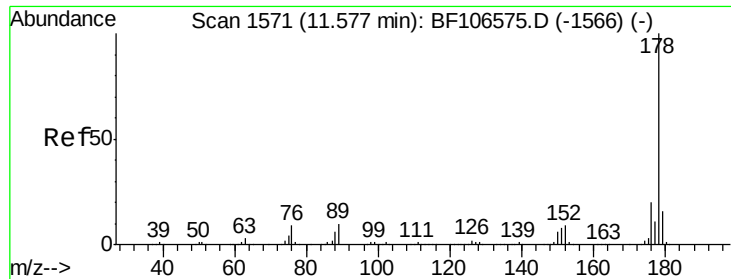
#70
 Phenanthrene
 Concen: 0.059 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion:178 Resp: 637
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 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

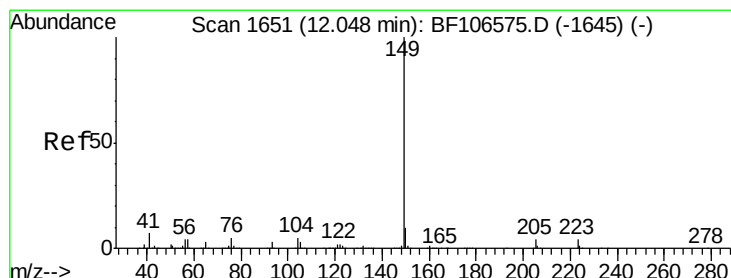
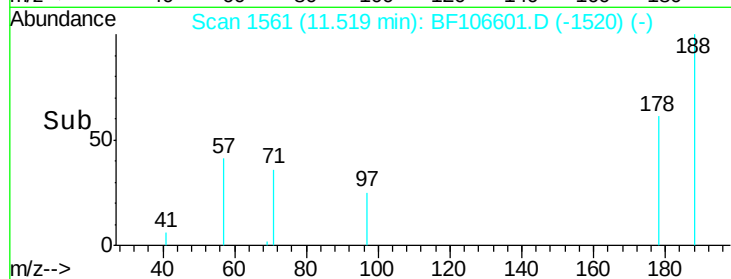
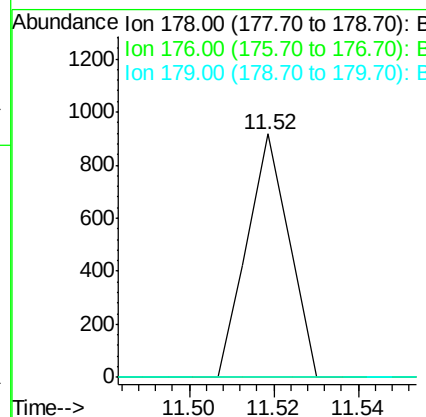
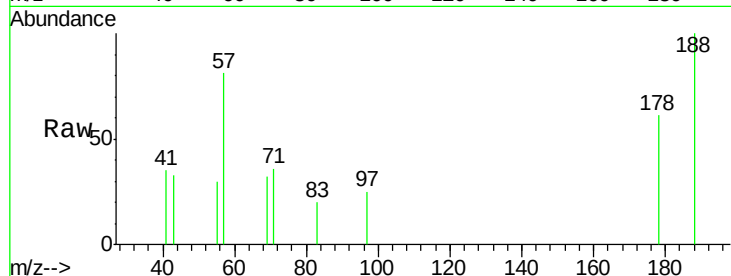




#71
 Anthracene
 Concen: 0.058 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.06 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

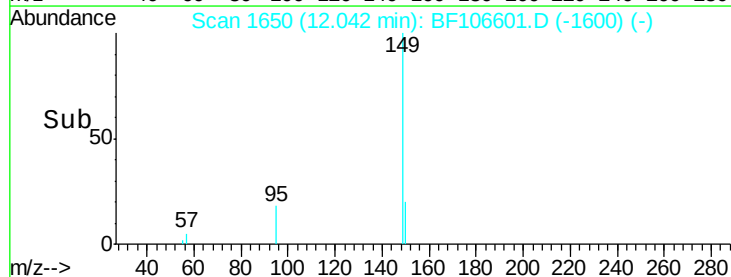
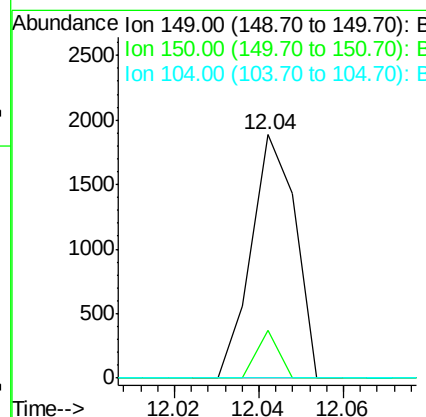
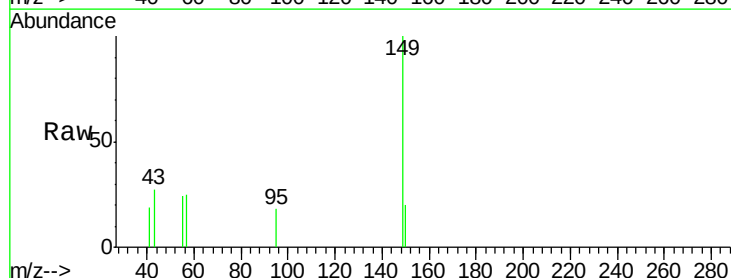
Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

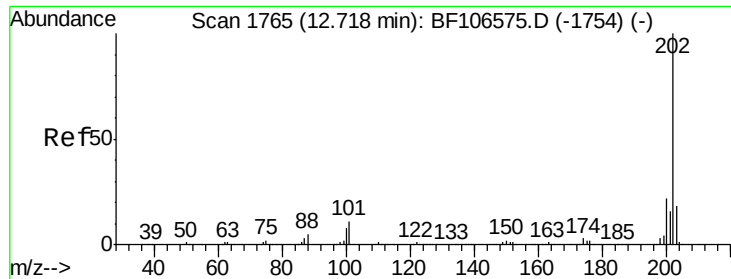
Tgt Ion:178 Resp: 637
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#



#73
 Di-n-butylphthalate
 Concen: 0.113 ng
 RT: 12.04 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion:149 Resp: 1371
 Ion Ratio Lower Upper
 149 100
 150 19.8 7.8 11.6#
 104 0.0 3.8 5.8#

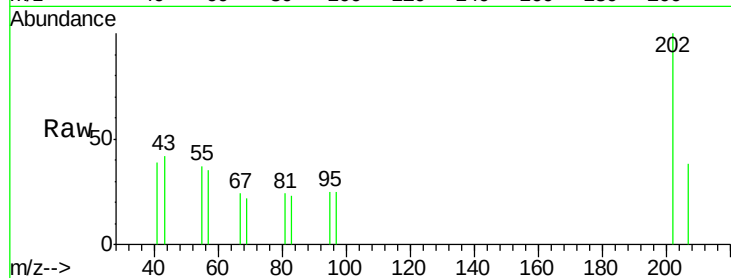




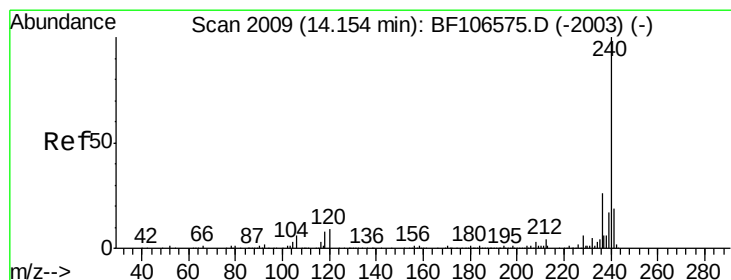
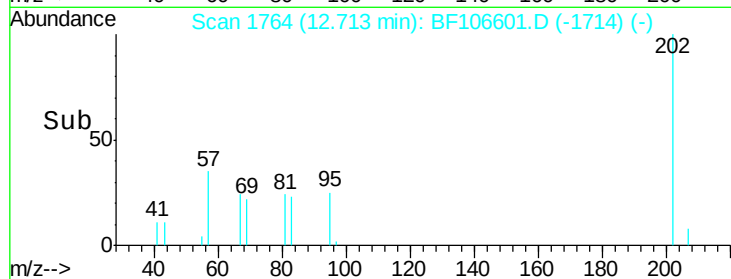
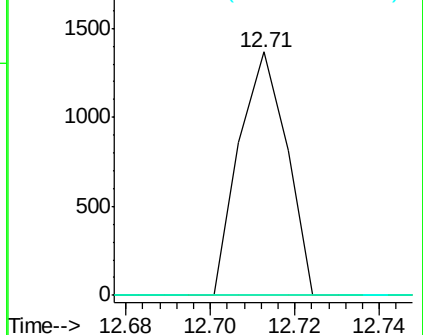
#74
 Fluoranthene
 Concen: 0.090 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.1
203	0.0	0.0	38.1

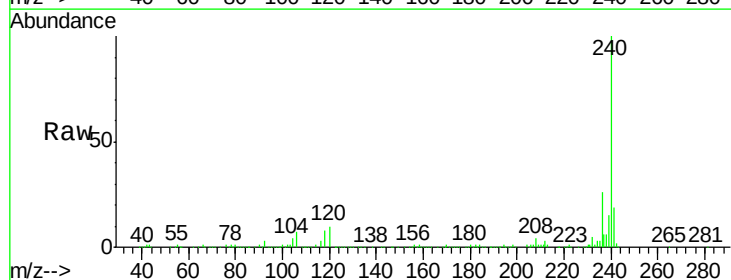


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

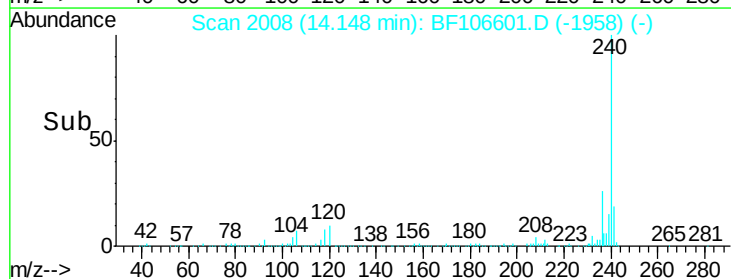
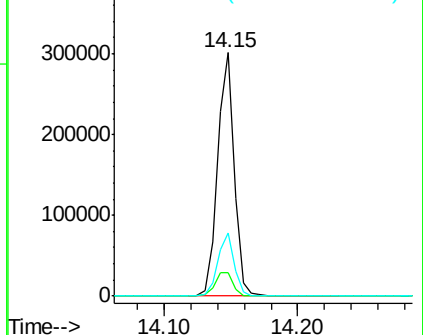


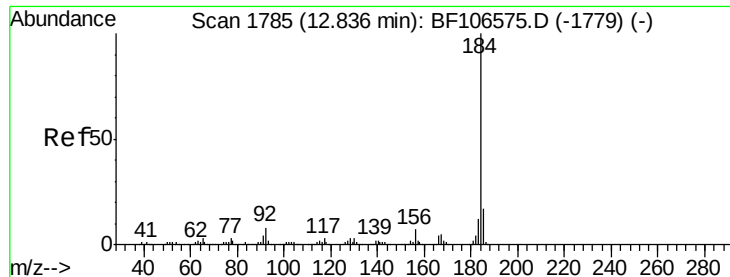
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106601.D
 Acq: 19 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.8	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.217 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

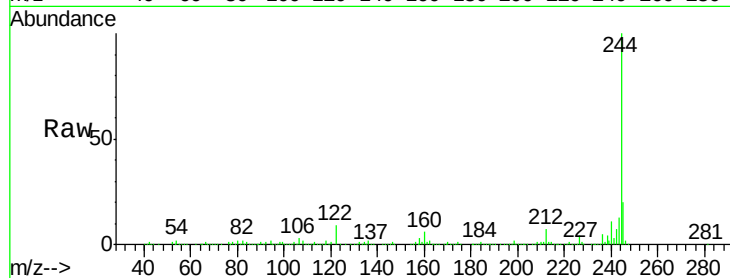
Tgt Ion:184 Resp: 9216

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

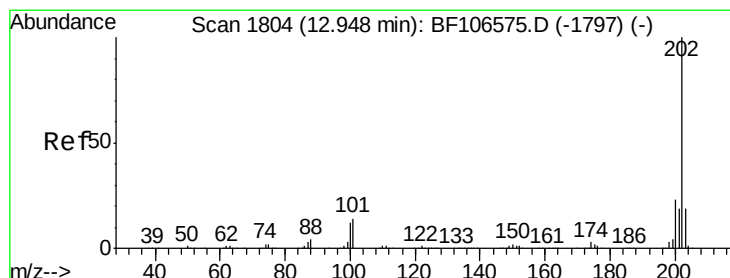
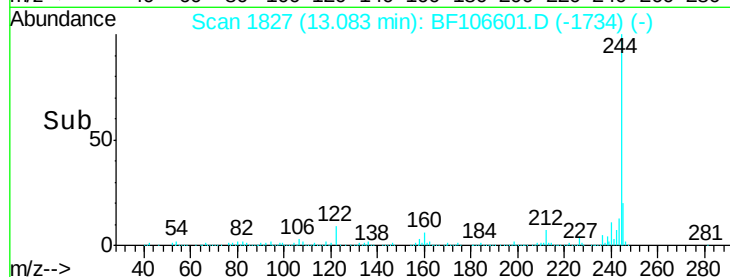
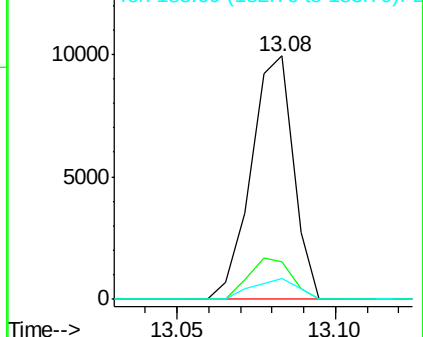
183 8.3 9.3 13.9#



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: 0.077 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

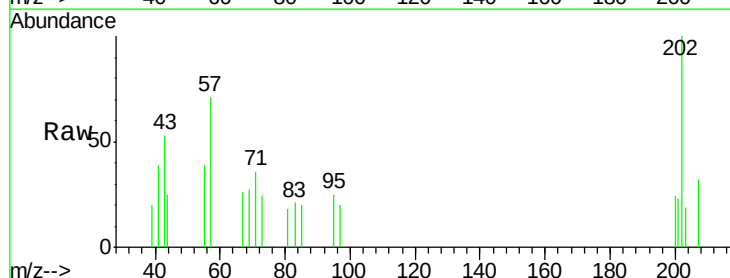
Tgt Ion:202 Resp: 1356

Ion Ratio Lower Upper

202 100

200 23.7 17.4 26.2

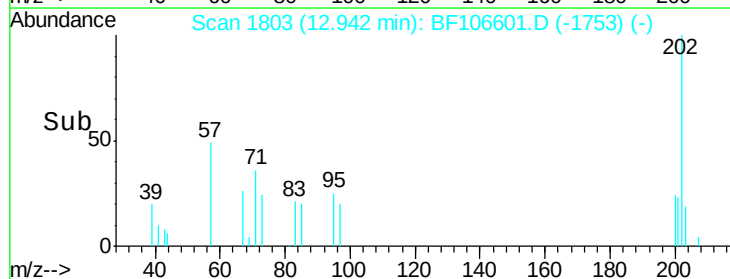
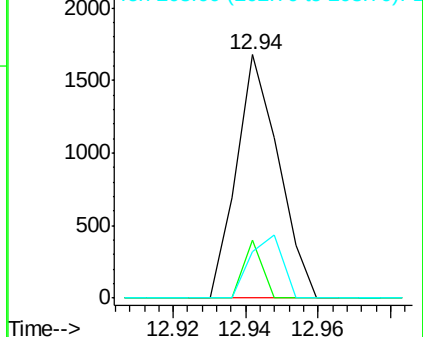
203 19.1 14.3 21.5

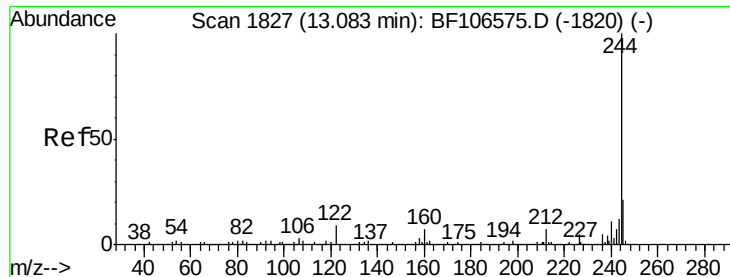


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.725 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

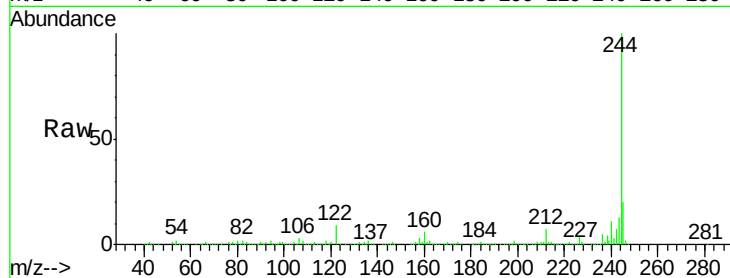
Tgt Ion:244 Resp: 754209

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

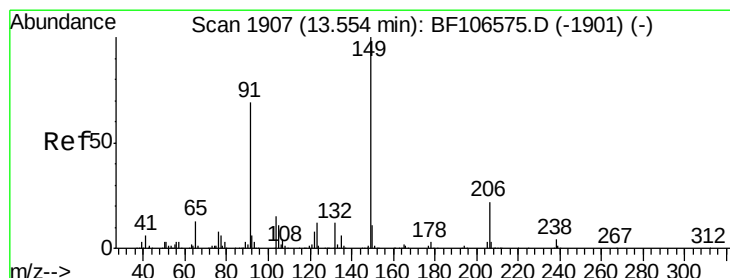
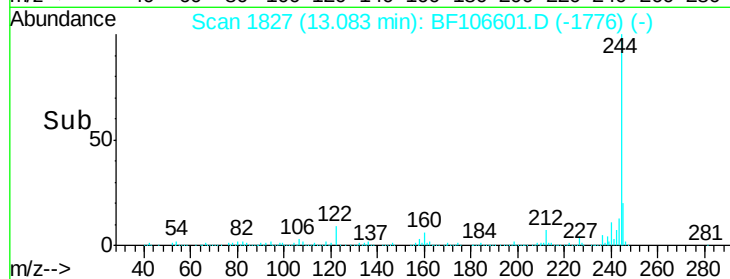
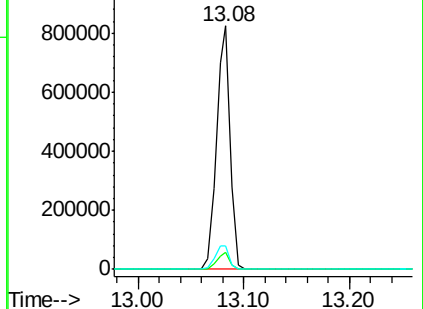
122 9.5 11.0 16.4#



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: 0.015 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

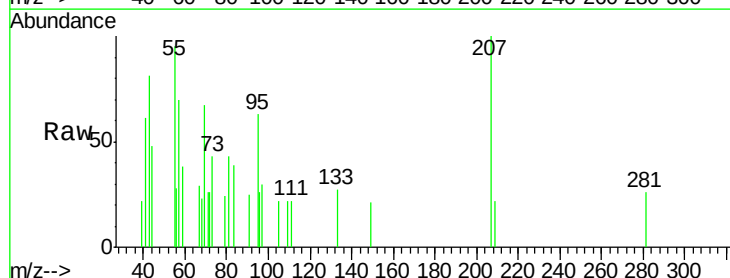
Tgt Ion:149 Resp: 106

Ion Ratio Lower Upper

149 100

91 121.3 56.8 85.2#

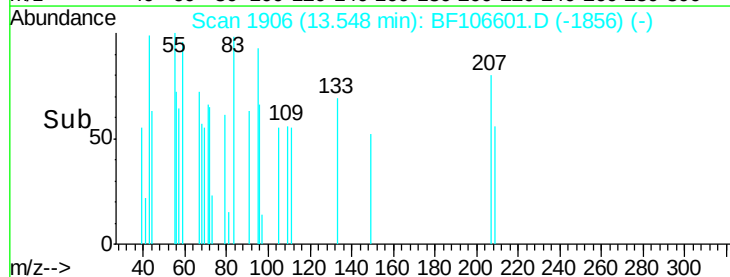
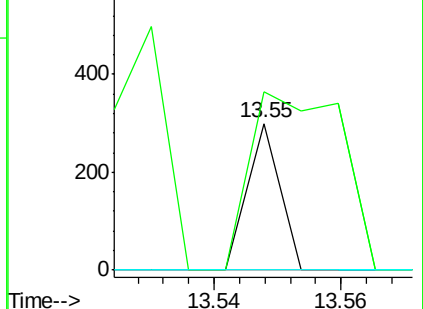
206 0.0 14.1 21.1#

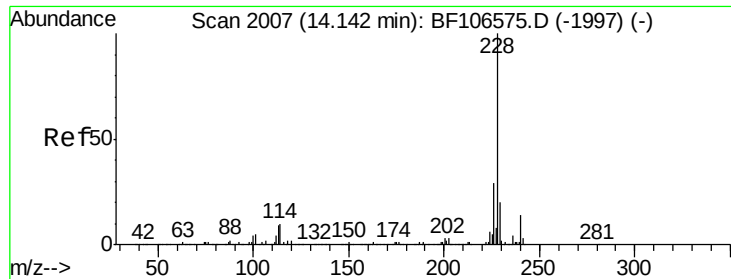


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

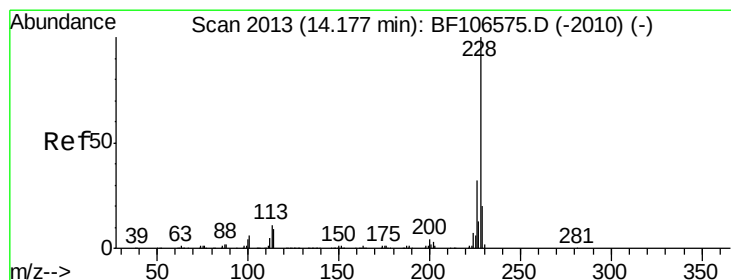
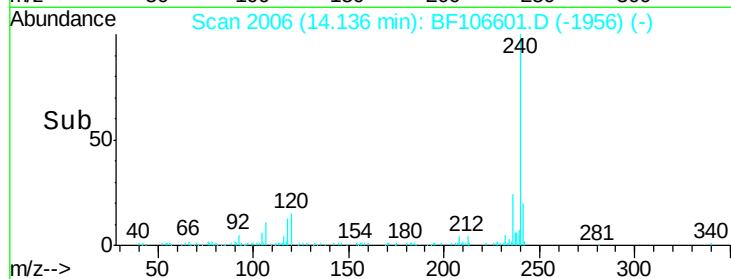
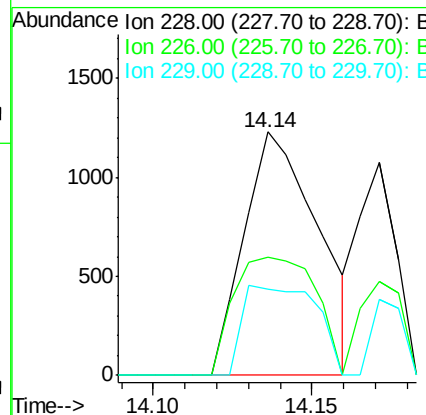
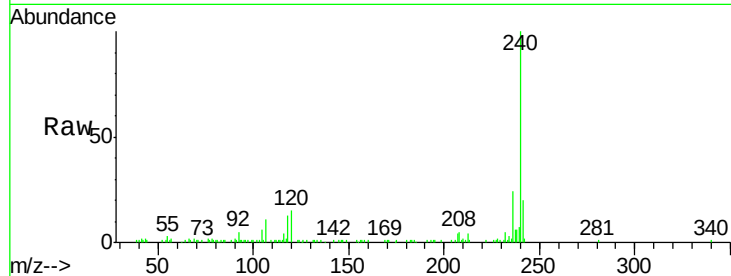




#80
Benzo(a)anthracene
Concen: 0.123 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

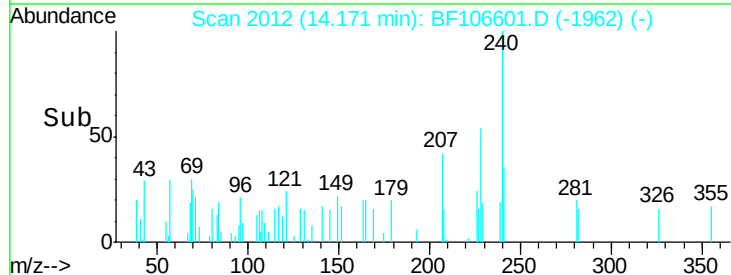
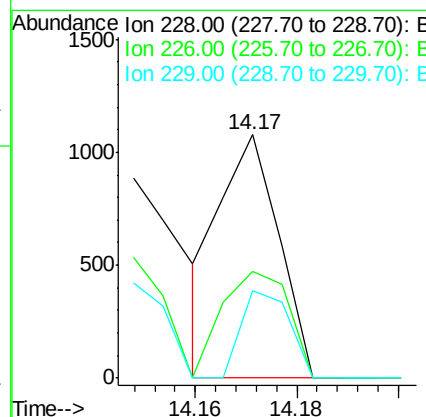
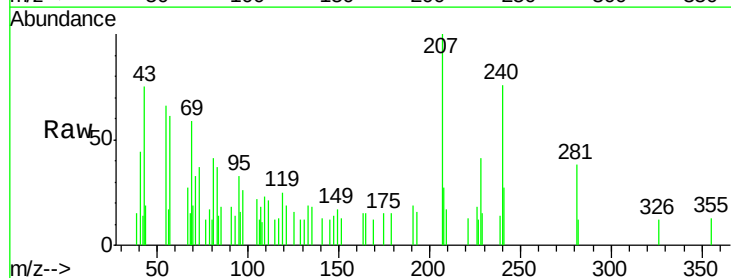
Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

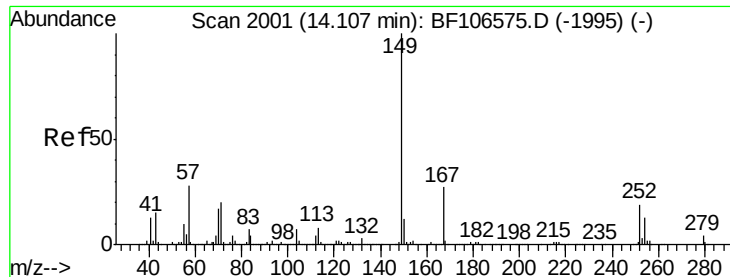
Tgt Ion: 228 Resp: 1991
Ion Ratio Lower Upper
228 100
226 48.5 22.6 33.8#
229 35.3 15.8 23.6#



#82
Chrysene
Concen: 0.058 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106601.D
Acq: 19 Jun 2018 23:50

Tgt Ion: 228 Resp: 869
Ion Ratio Lower Upper
228 100
226 43.8 25.0 37.6#
229 35.8 16.2 24.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.213 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

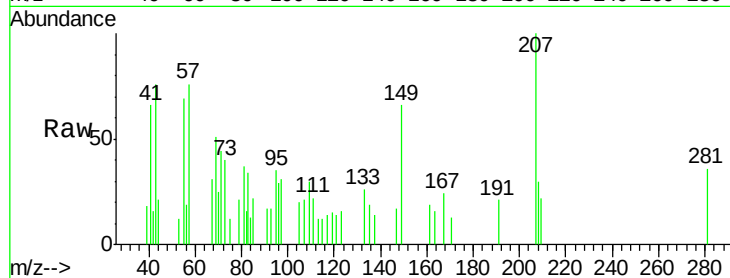
Tgt Ion:149 Resp: 1959

Ion Ratio Lower Upper

149 100

167 35.8 21.3 31.9#

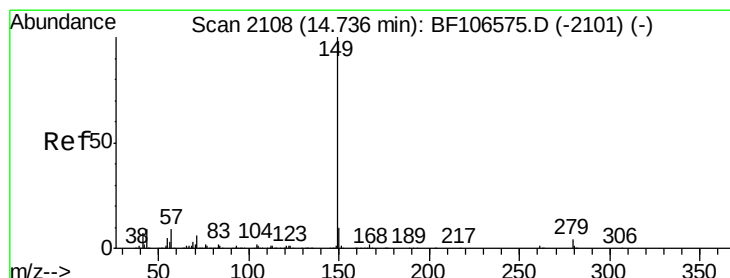
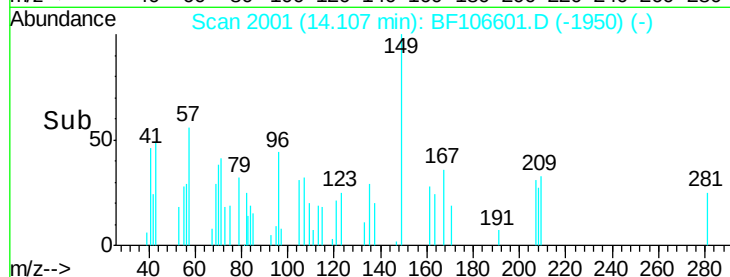
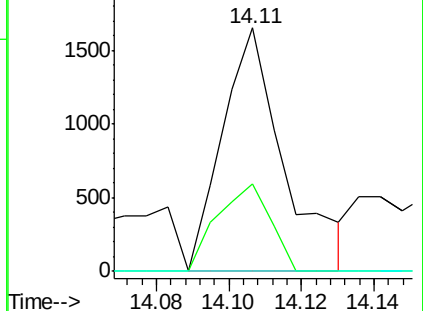
279 0.0 3.0 4.4#



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



#84

Di-n-octyl phthalate

Concen: 0.011 ng

RT: 14.71 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

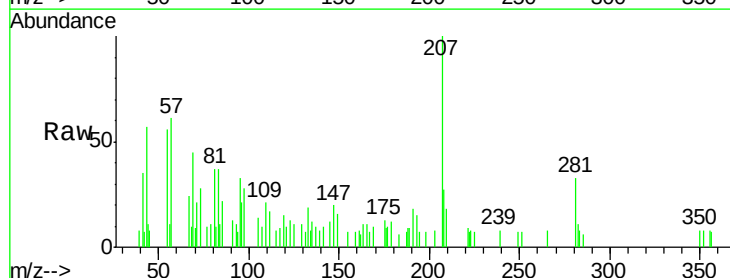
Tgt Ion:149 Resp: 165

Ion Ratio Lower Upper

149 100

167 264.2 1.2 1.8#

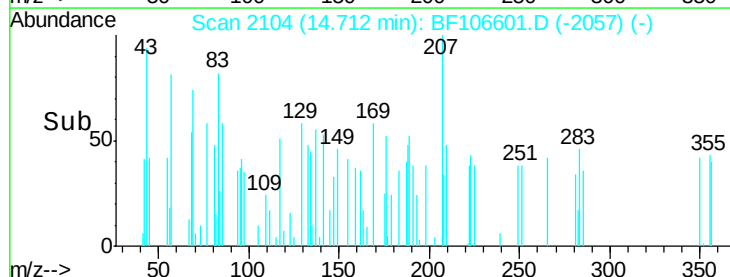
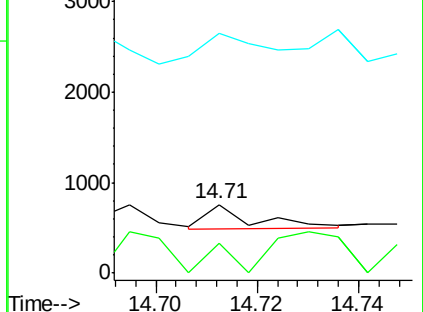
43 162.4 8.4 12.6#

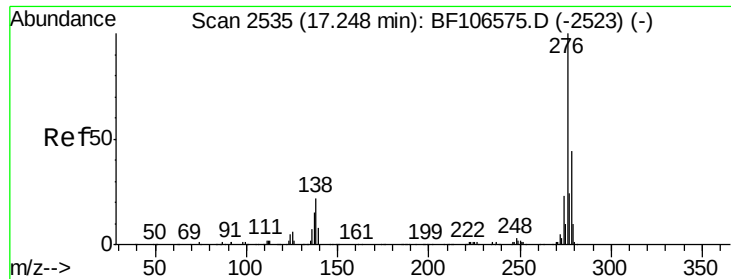


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.009 ng

RT: 17.25 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

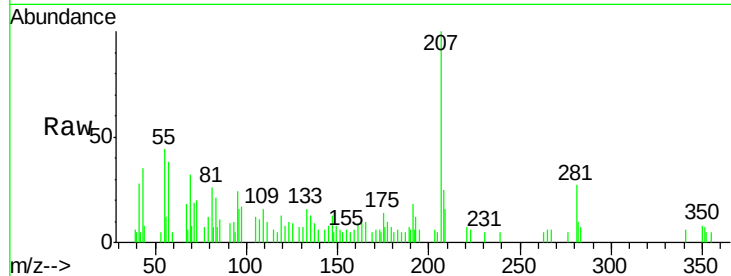
Tgt Ion:276 Resp: 112

Ion Ratio Lower Upper

276 100

138 0.0 25.0 37.6#

277 0.0 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

17.25

300

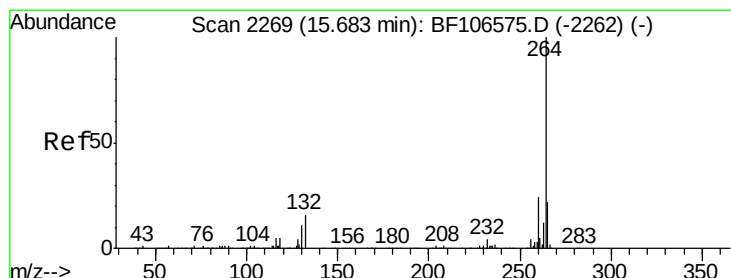
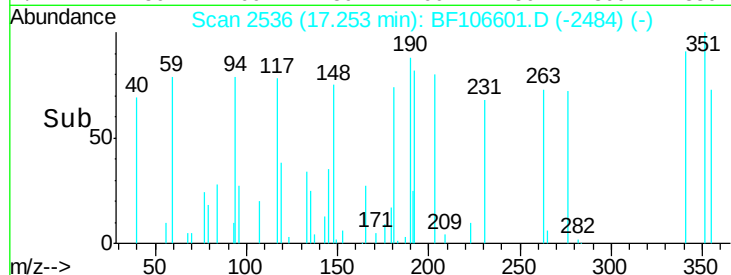
200

100

0

17.24 17.26

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

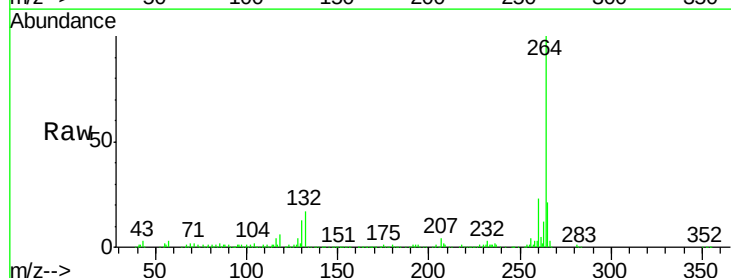
Tgt Ion:264 Resp: 199787

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.68

200000

150000

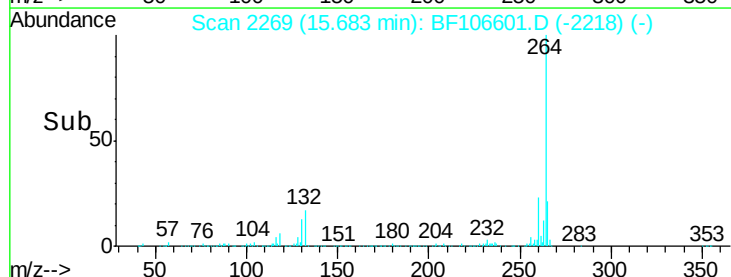
100000

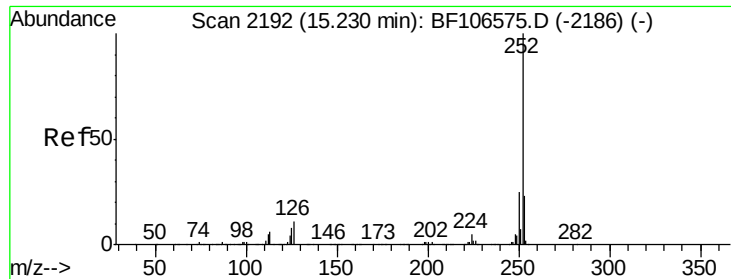
50000

0

15.60 15.70 15.80

Time-->





#87

Benzo(b)fluoranthene

Concen: 0.152 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

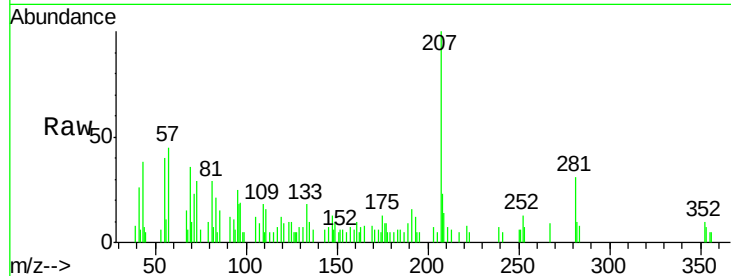
Tgt Ion:252 Resp: 1889

Ion Ratio Lower Upper

252 100

253 50.6 17.0 25.6#

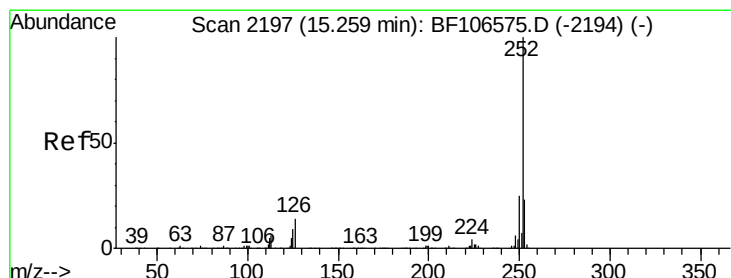
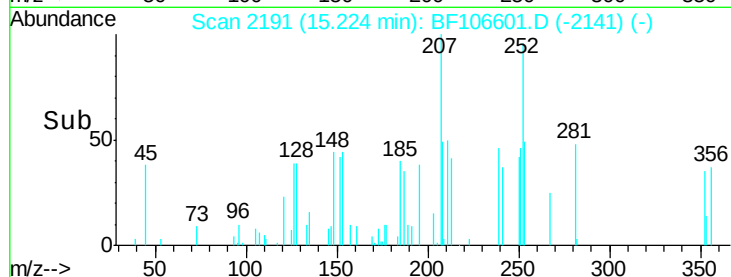
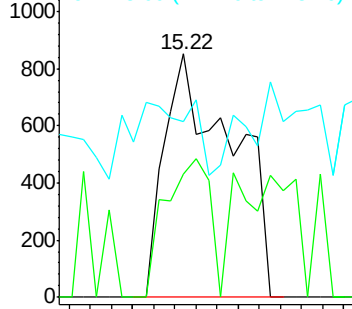
125 71.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.160 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

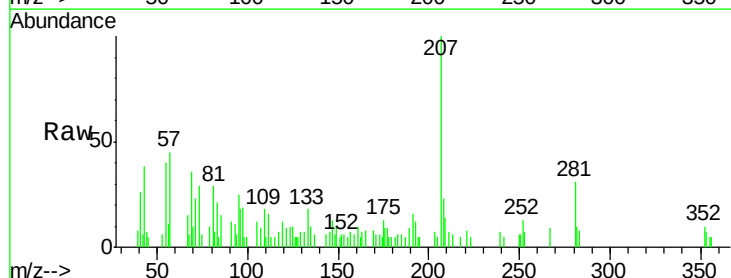
Tgt Ion:252 Resp: 1889

Ion Ratio Lower Upper

252 100

253 50.6 17.9 26.9#

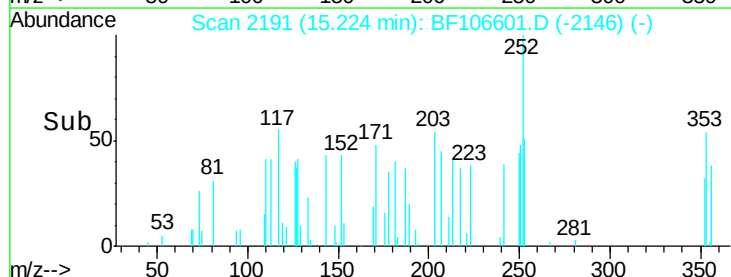
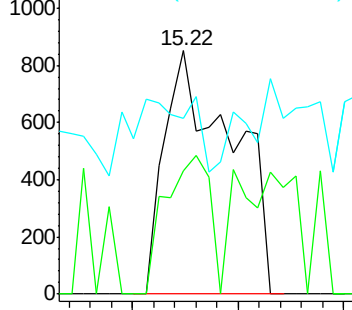
125 71.9 10.2 15.2#

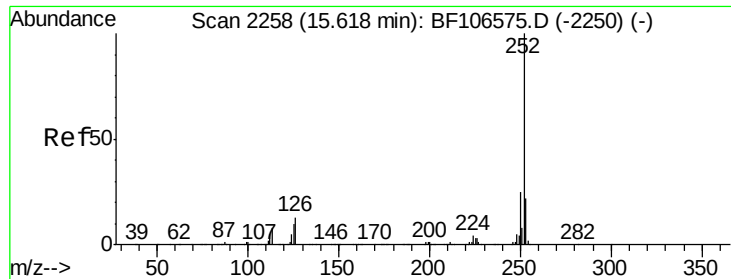


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.099 ng

RT: 15.61 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

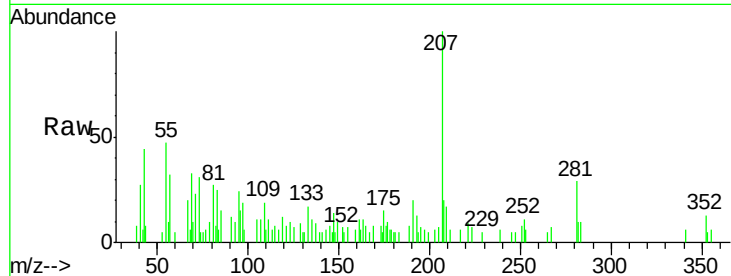
Tgt Ion:252 Resp: 1095

Ion Ratio Lower Upper

252 100

253 50.2 17.1 25.7#

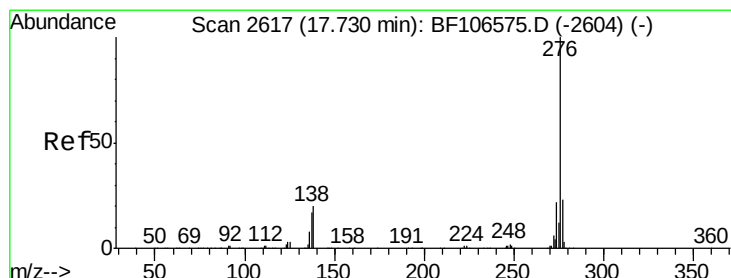
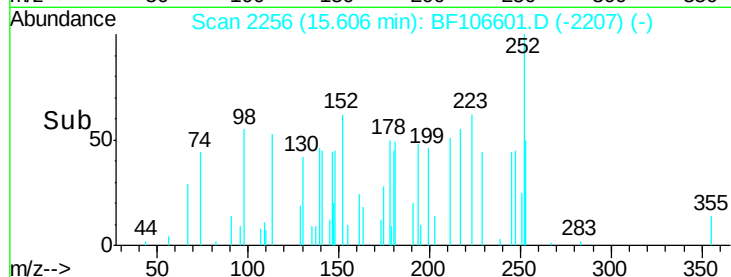
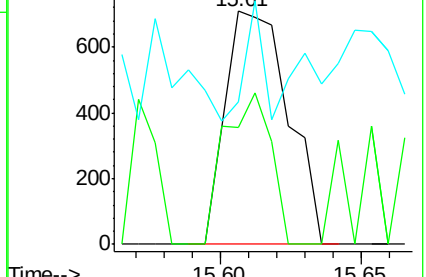
125 61.2 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.054 ng

RT: 17.71 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BF106601.D

Acq: 19 Jun 2018 23:50

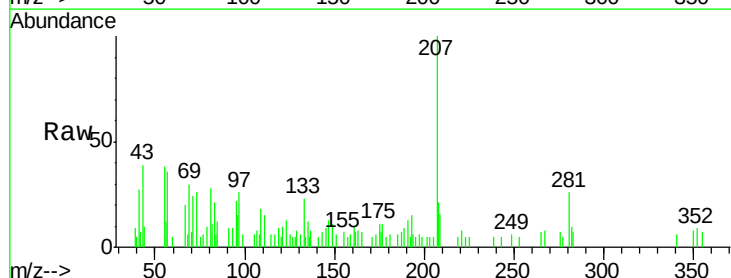
Tgt Ion:276 Resp: 495

Ion Ratio Lower Upper

276 100

277 71.4 17.9 26.9#

138 0.0 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

