

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106596.D
 Acq On : 19 Jun 2018 21:37
 Operator : JU/SJ
 Sample : J3249-09 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

Quant Time: Jun 20 00:58:29 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	99633	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	338013	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	129373	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	234215	20.00	ng	0.00
75) Chrysene-d12	14.15	240	275342	20.00	ng	0.00
86) Perylene-d12	15.69	264	199019	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	266467	45.29	ng	0.00
7) Phenol-d6	6.60	99	311998	42.46	ng	0.00
23) Nitrobenzene-d5	7.52	82	193255	31.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	58471	38.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	329099	34.25	ng	0.00
78) Terphenyl-d14	13.08	244	362538	31.89	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.74	93	331	0.033	ng	# 1
9) Benzaldehyde	6.60	77	381	0.152	ng	# 1
10) Phenol	6.61	94	2652	0.316	ng	# 53
11) bis(2-Chloroethyl)ether	6.74	93	331	0.048	ng	# 1
15) Benzyl Alcohol	7.11	79	3592	0.609	ng	# 48
18) Hexachloroethane	7.57	117	110	0.041	ng	# 2
19) n-Nitroso-di-n-propylamine	7.52	70	25976	5.363	ng	# 78
24) Nitrobenzene	7.52	77	381	0.061	ng	# 38
25) Isophorone	7.52	82	193252	18.031	ng	# 64
31) Naphthalene	8.27	128	3870	0.245	ng	# 95
33) 4-Chloroaniline	8.27	127	516	0.078	ng	# 14
35) Caprolactam	8.65	113	243	0.157	ng	# 1
36) 4-Chloro-3-methylphenol	8.88	107	370	0.074	ng	# 19
37) 2-Methylnaphthalene	8.95	142	2567	0.245	ng	93
45) 1,1'-Biphenyl	9.42	154	1125	0.109	ng	95
46) 2-Chloronaphthalene	9.58	162	335	0.041	ng	# 53
47) 2-Nitroaniline	9.53	65	110	0.040	ng	# 2
48) Acenaphthylene	9.87	152	37181	2.902	ng	97
49) Dimethylphthalate	9.71	163	33064	3.408	ng	# 97
50) 2,6-Dinitrotoluene	9.71	165	641	0.312	ng	# 41
51) Acenaphthene	10.04	154	8400	1.041	ng	98
52) 3-Nitroaniline	10.21	138	109	0.046	ng	# 2
54) Dibenzofuran	10.21	168	6827	0.618	ng	# 94
55) 4-Nitrophenol	10.15	139	119	0.072	ng	# 1
56) 2,4-Dinitrotoluene	10.20	165	893	0.333	ng	# 30
57) Fluorene	10.55	166	20793	2.372	ng	# 94
59) Diethylphthalate	10.41	149	1171	0.125	ng	# 61
61) 4-Nitroaniline	10.46	138	130	0.055	ng	# 19
62) Azobenzene	10.70	77	561	0.061	ng	# 1
65) n-Nitrosodiphenylamine	10.66	169	2409	0.306	ng	# 64
66) 4-Bromophenyl-phenylether	10.80	248	3629	1.298	ng	# 1
68) Atrazine	11.20	200	108	0.043	ng	# 37
70) Phenanthrene	11.52	178	229758	20.339	ng	99
71) Anthracene	11.57	178	67191	5.827	ng	99

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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

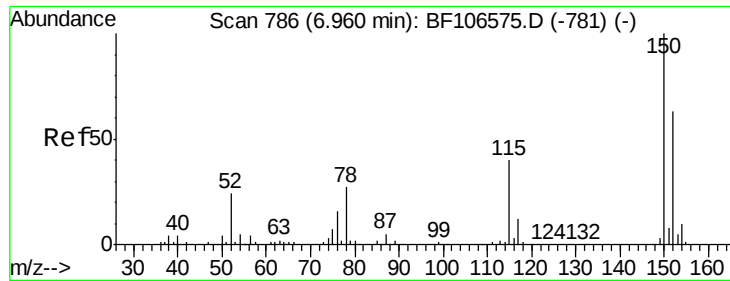
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jun 20 00:58:29 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Carbazole	11.72	167	12091	1.120	ng	# 95
73) Di-n-butylphthalate	12.04	149	1374	0.108	ng	# 65
74) Fluoranthene	12.71	202	417272	33.513	ng	99
76) Benzidine	12.81	184	626	0.080	ng	# 1
77) Pyrene	12.95	202	485065	26.715	ng	100
79) Butylbenzylphthalate	13.55	149	230	0.031	ng	# 22
80) Benzo(a)anthracene	14.14	228	240524	14.333	ng	94
81) 3,3'-Dichlorobenzidine	14.11	252	643	0.109	ng	# 64
82) Chrysene	14.18	228	237704	15.397	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	2638	0.276	ng	# 63
84) Di-n-octyl phthalate	14.75	149	1413	0.091	ng	# 48
85) Indeno(1,2,3-cd)pyrene	17.26	276	69619	5.314	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	272772	22.064	ng	93
88) Benzo(k)fluoranthene	15.24	252	272772	23.169	ng	96
89) Benzo(a)pyrene	15.62	252	148181	13.483	ng	96
90) Dibenzo(a,h)anthracene	17.27	278	19956	2.143	ng	# 73
91) Benzo(g,h,i)perylene	17.74	276	70964	7.795	ng	93

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

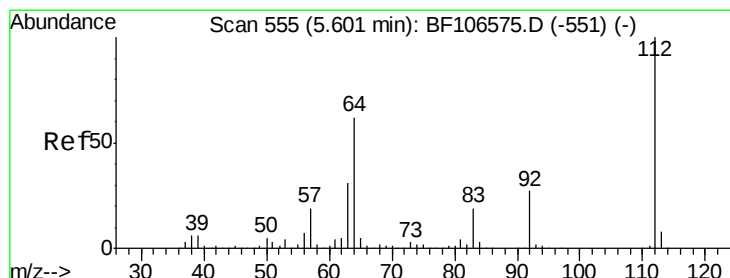
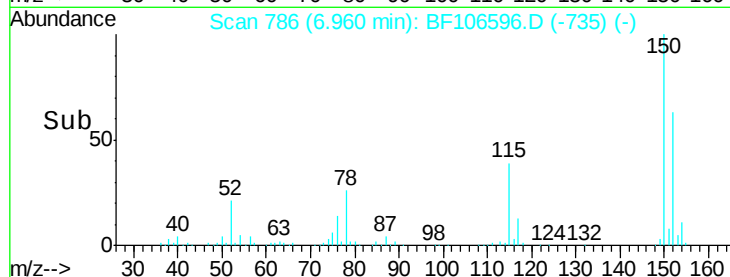
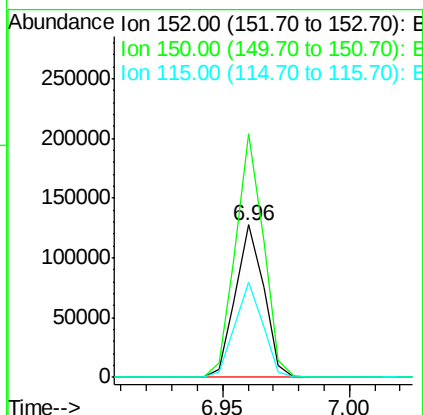
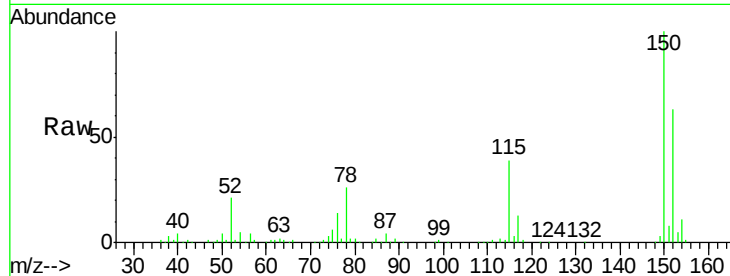


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-E

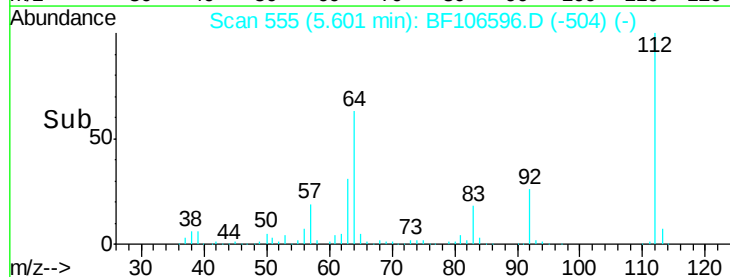
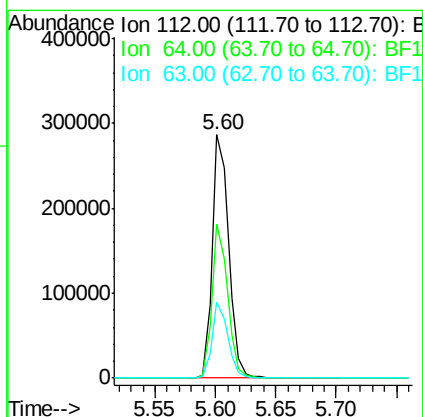
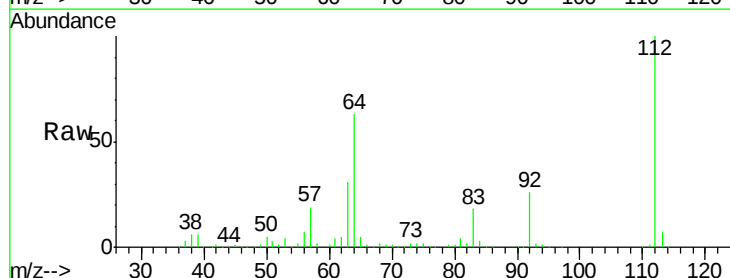
Tgt Ion:152 Resp: 99633
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 62.1 50.1 75.1

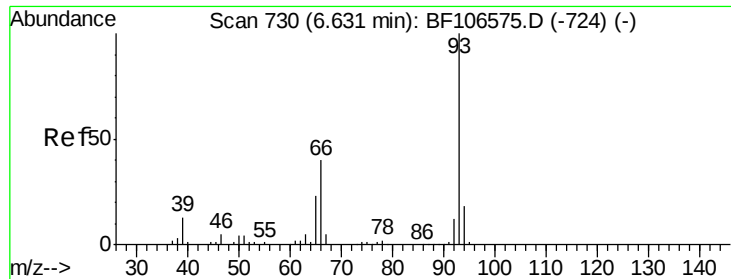


#5

2-Fluorophenol
Concen: 45.288 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

Tgt Ion:112 Resp: 266467
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 31.0 23.7 35.5





#6

Aniline

Concen: 0.033 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.11 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

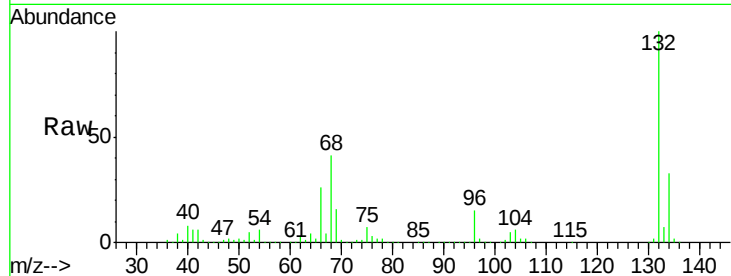
Tgt Ion: 93 Resp: 331

Ion Ratio Lower Upper

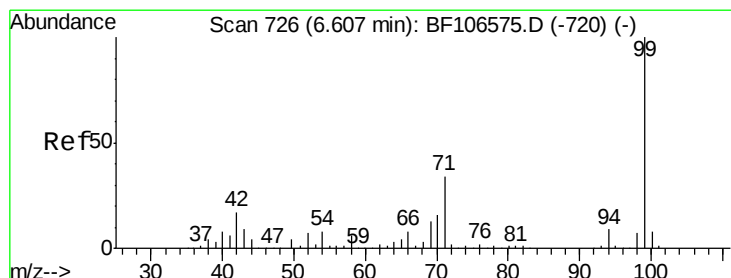
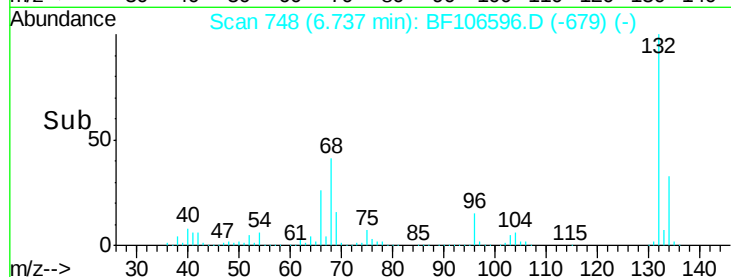
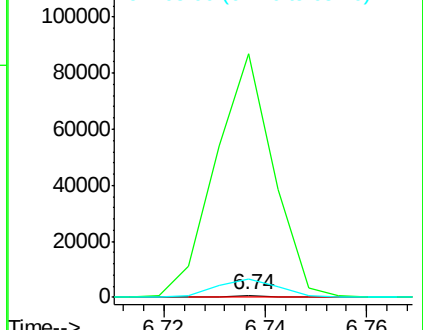
93 100

66 14083.6 32.2 48.2#

65 1075.5 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: 42.461 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

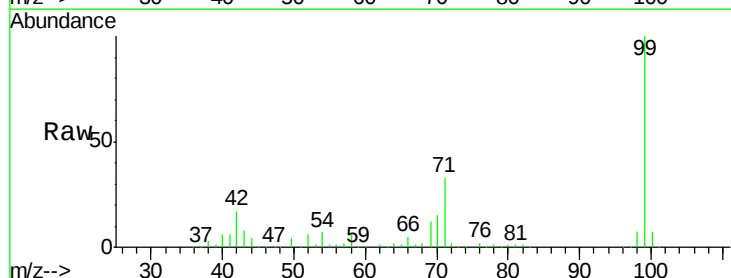
Tgt Ion: 99 Resp: 311998

Ion Ratio Lower Upper

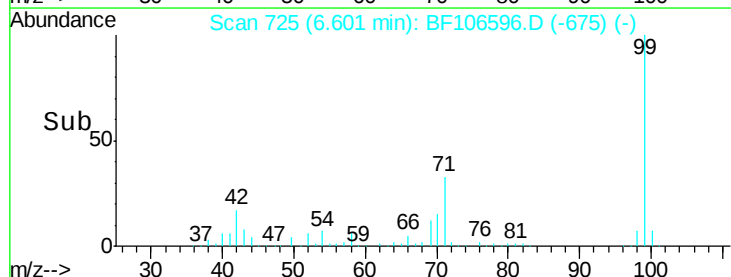
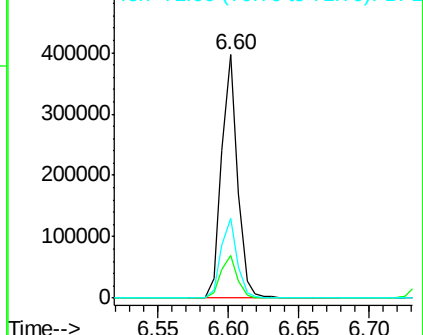
99 100

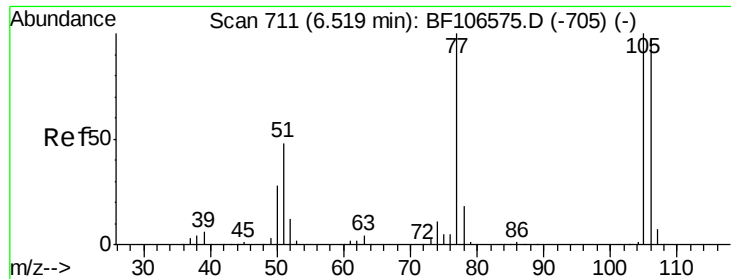
42 17.4 14.5 21.7

71 32.7 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: 0.152 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.08 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

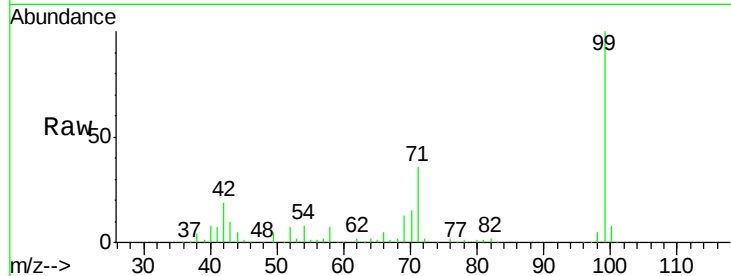
BNA_F

ClientSampleId :

PL-01-061818-E

Tgt Ion: 77 Resp: 381

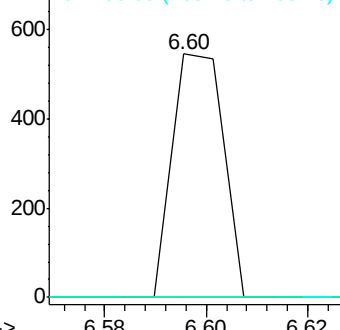
Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.1	121.1#
106	0.0	74.5	114.5#



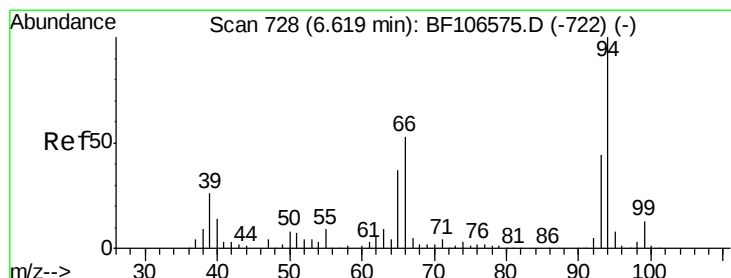
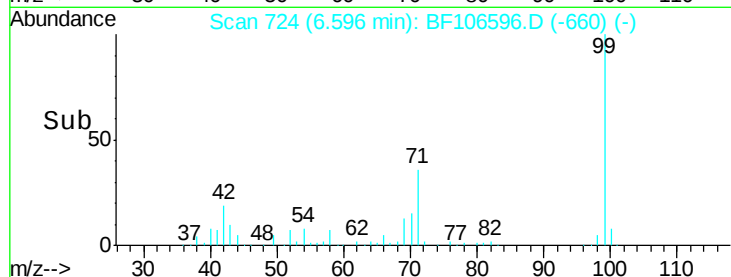
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



Time-->



#10

Phenol

Concen: 0.316 ng

RT: 6.61 min Scan# 727

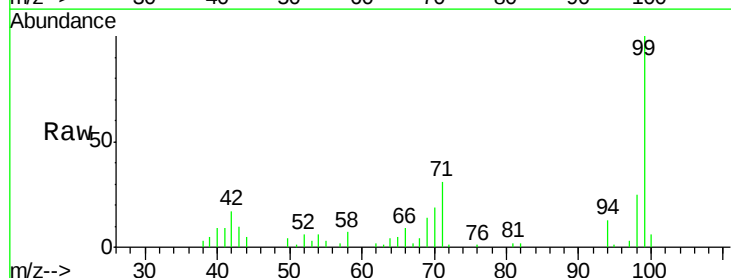
Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Tgt Ion: 94 Resp: 2652

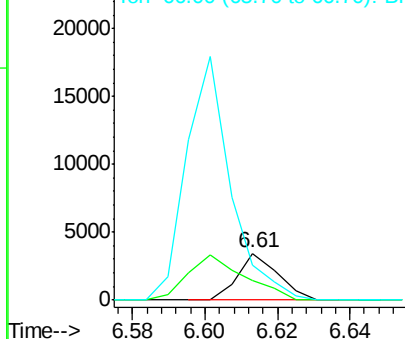
Ion	Ratio	Lower	Upper
94	100		
65	41.4	7.9	47.9
66	73.4	16.2	56.2#



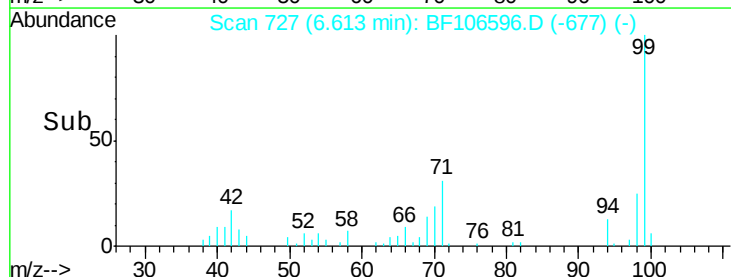
Abundance Ion 94.00 (93.70 to 94.70): BF1

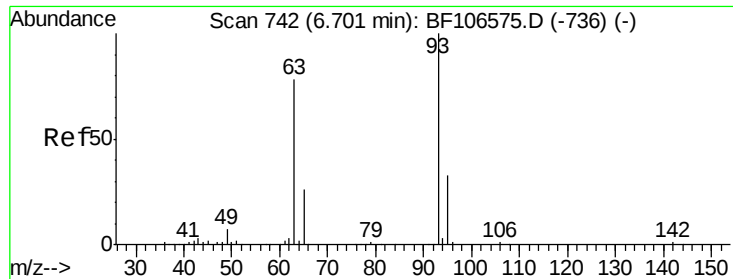
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->





#11

bis(2-Chloroethyl)ether

Concen: 0.048 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.04 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

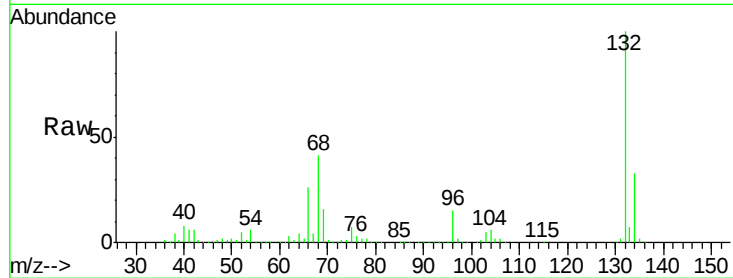
Tgt Ion: 93 Resp: 331

Ion Ratio Lower Upper

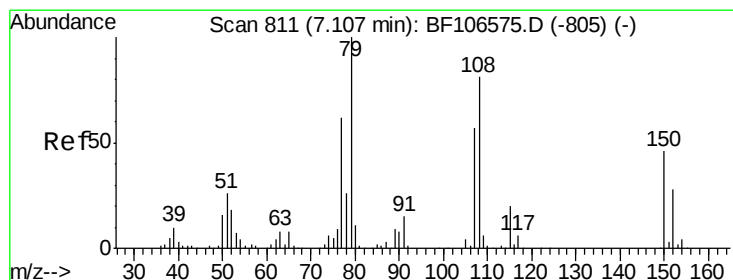
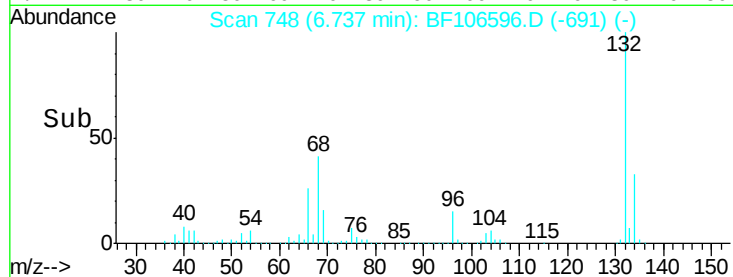
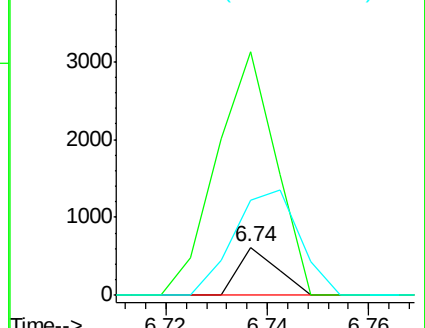
93 100

63 506.6 58.6 98.6#

95 197.4 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: 0.609 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

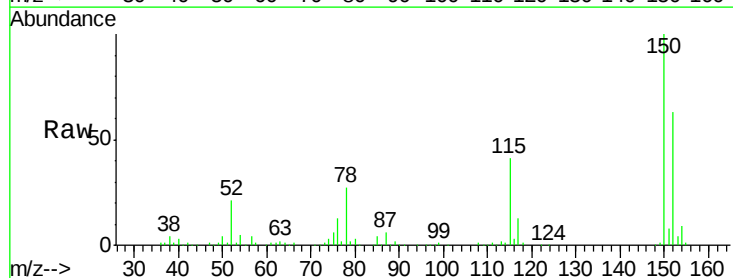
Tgt Ion: 79 Resp: 3592

Ion Ratio Lower Upper

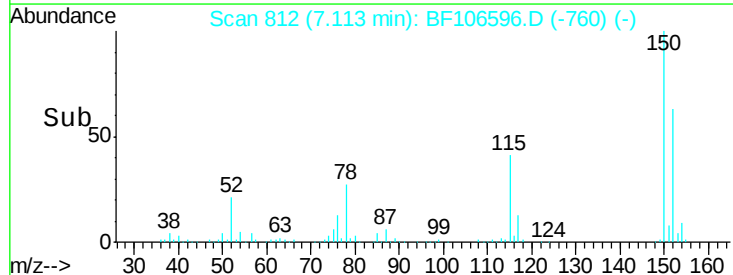
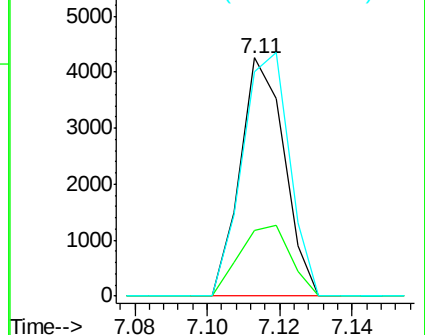
79 100

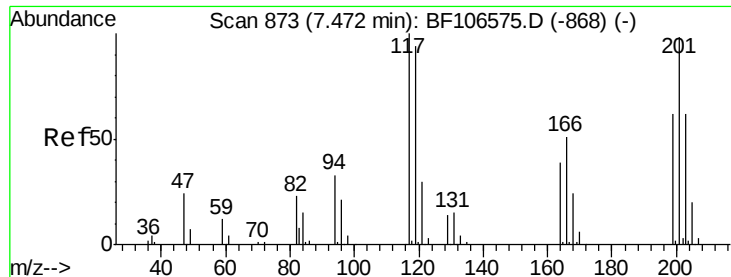
108 27.3 65.1 97.7#

77 94.1 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

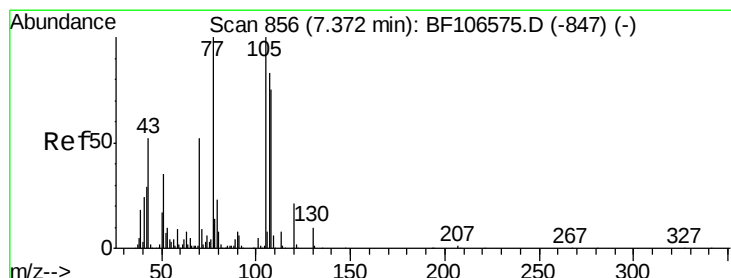
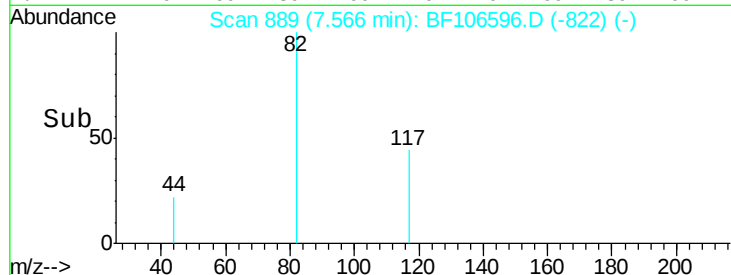
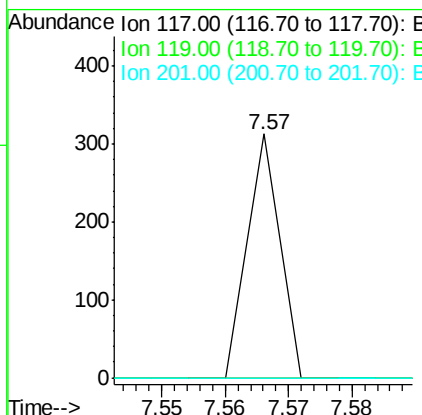
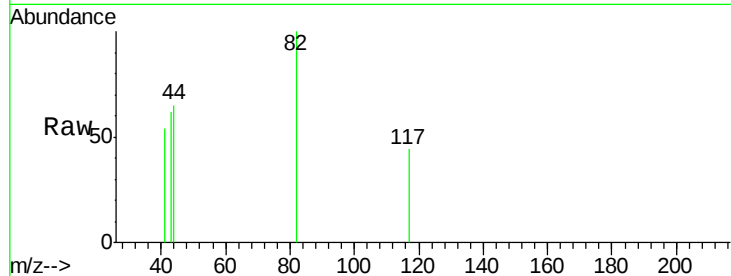




#18
Hexachloroethane
Concen: 0.041 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.09 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

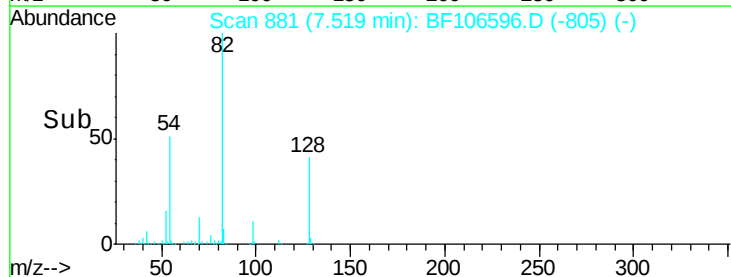
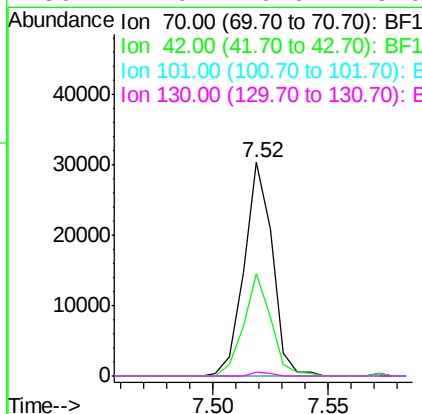
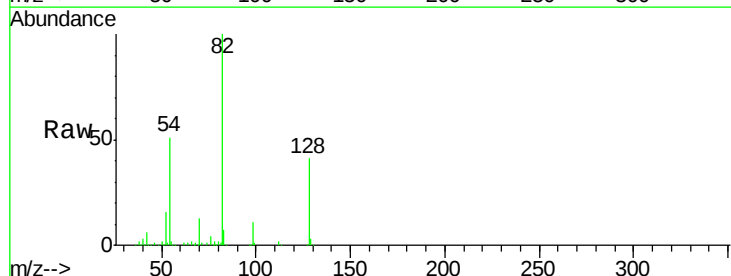
Instrument :
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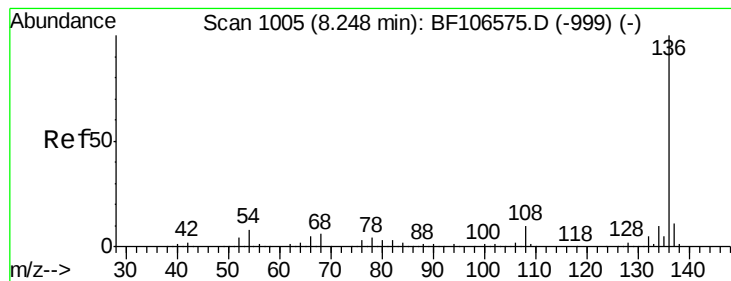
Tgt Ion: 117 Resp: 110
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 5.363 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

Tgt Ion: 70 Resp: 25976
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 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: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

Tgt Ion:136 Resp: 338013

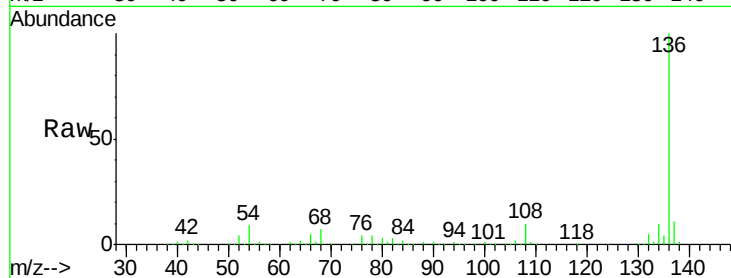
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 6.6 9.8

68 6.8 5.0 7.4

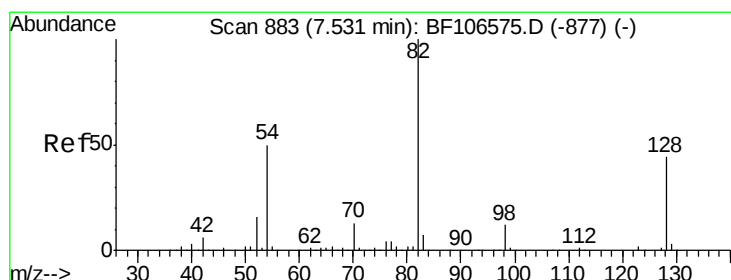
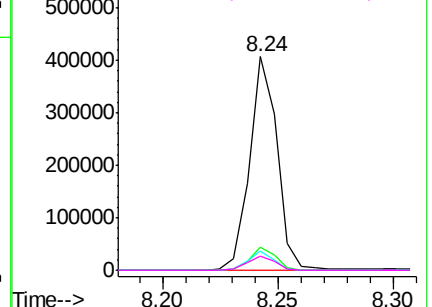
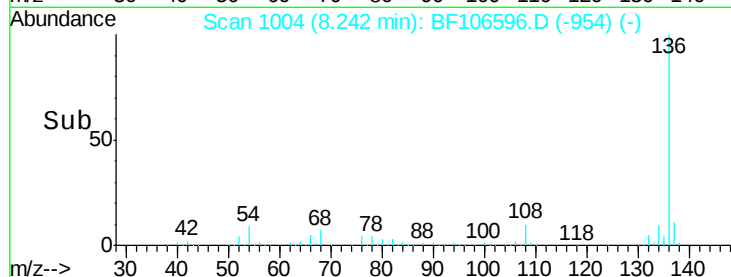


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.774 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

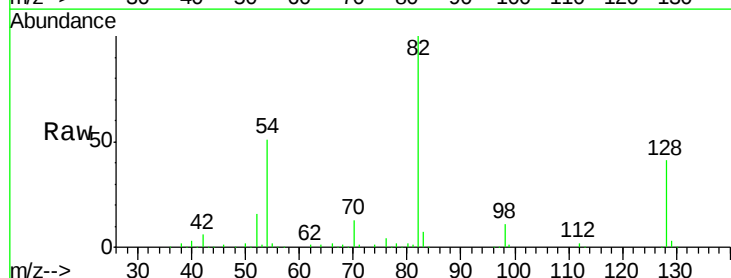
Tgt Ion: 82 Resp: 193255

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

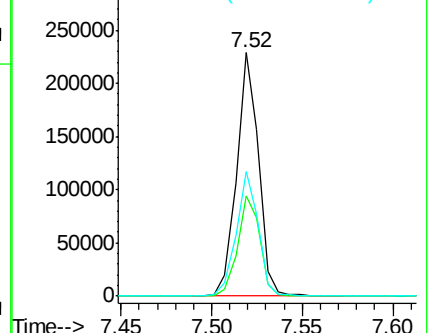
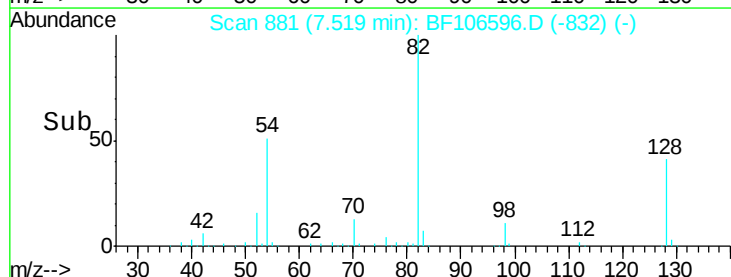
54 51.0 41.4 62.2

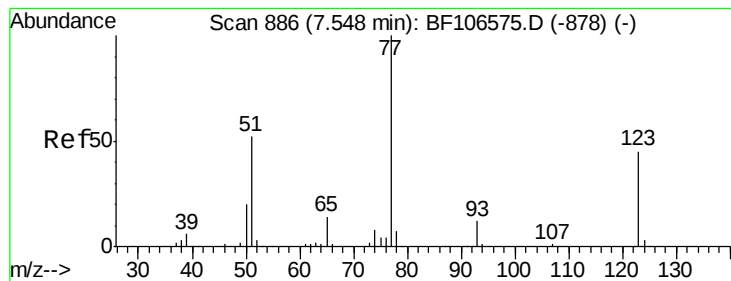


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.061 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.03 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

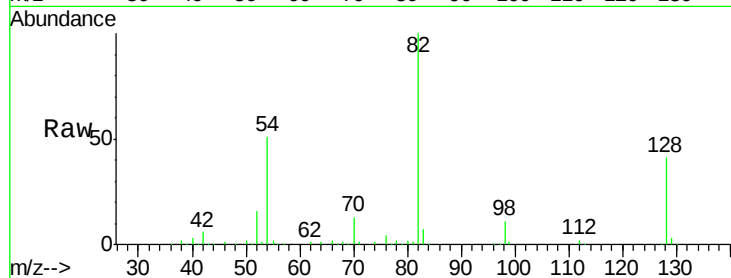
Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

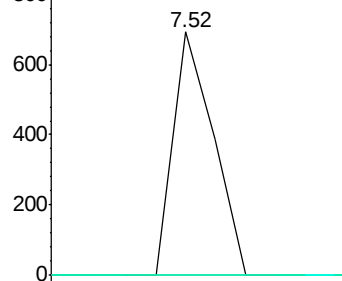
Tgt Ion:	77	Resp:	381
Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#



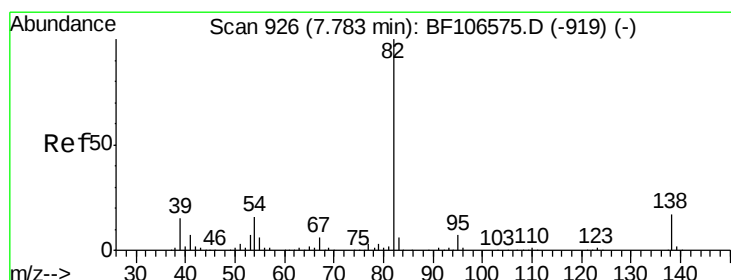
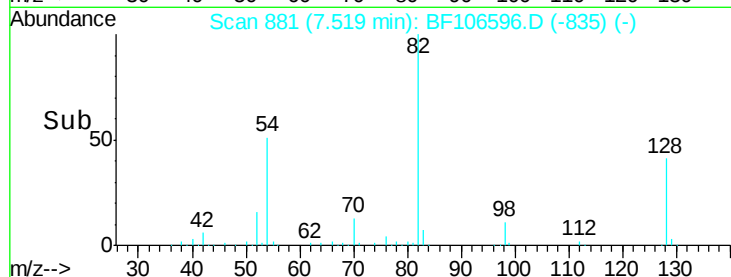
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->



#25

Isophorone

Concen: 18.031 ng

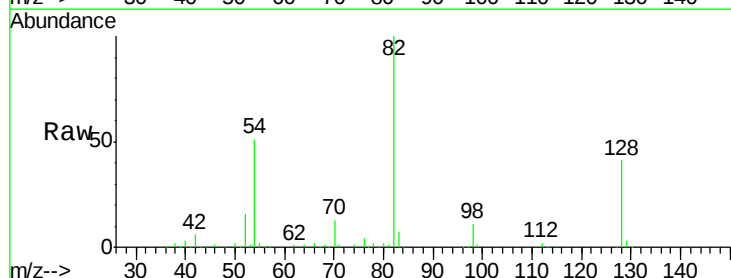
RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

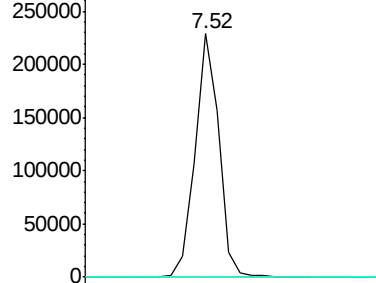
Tgt Ion:	82	Resp:	193252
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



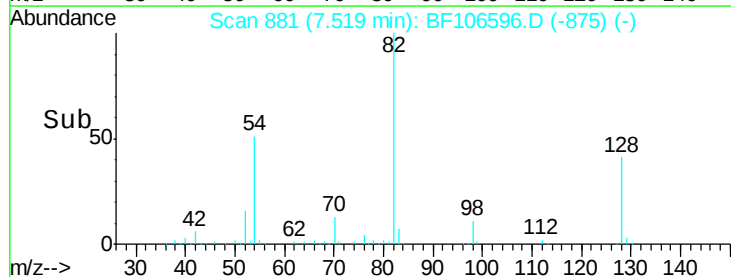
Abundance Ion 82.00 (81.70 to 82.70): BF1

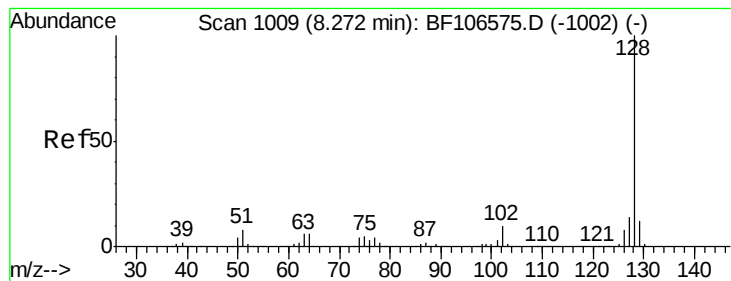
Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time-->





#31

Naphthalene

Concen: 0.245 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

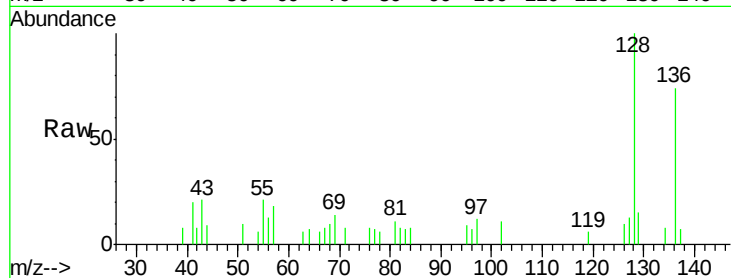
Tgt Ion:128 Resp: 3870

Ion Ratio Lower Upper

128 100

129 14.8 8.8 13.2#

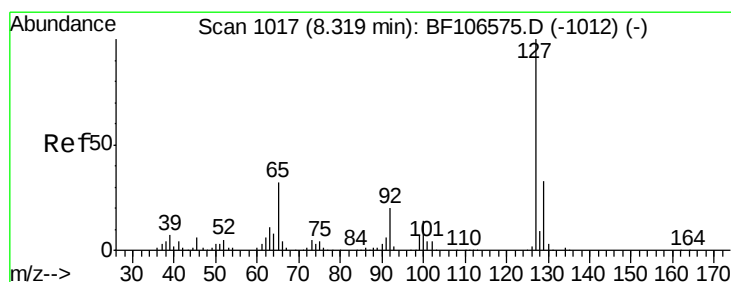
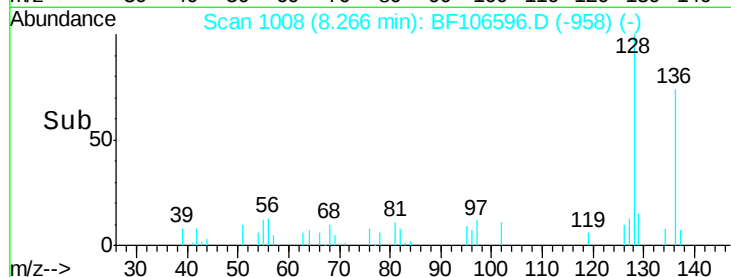
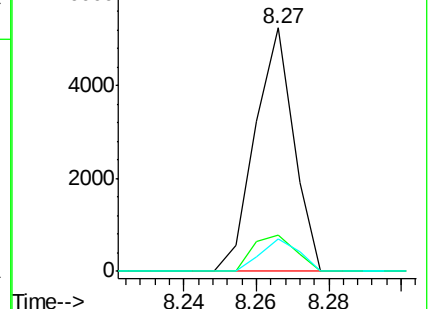
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 0.078 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.05 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Tgt Ion:127 Resp: 516

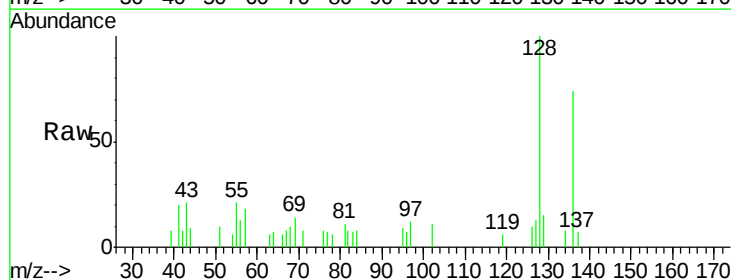
Ion Ratio Lower Upper

127 100

129 110.2 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

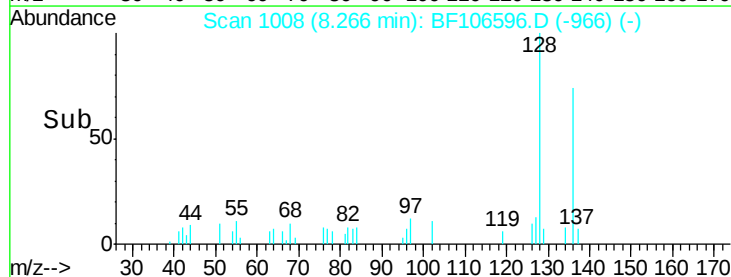
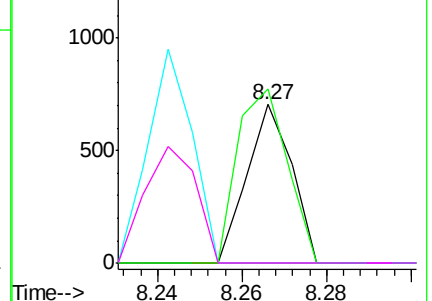


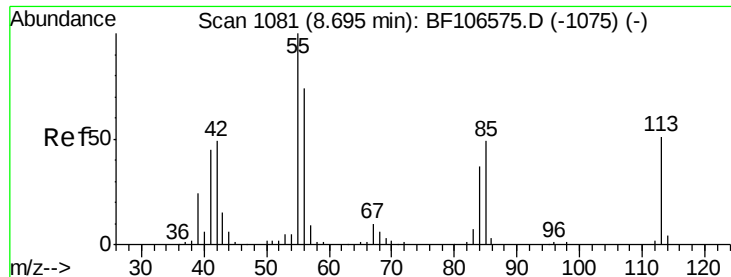
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

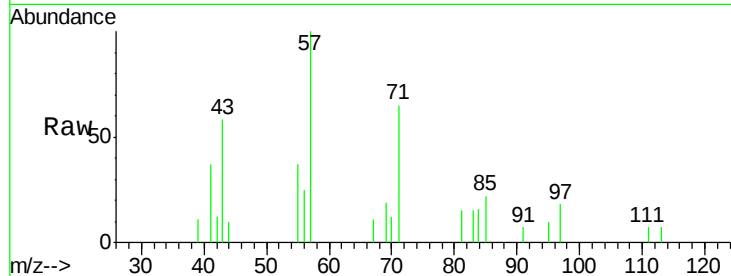




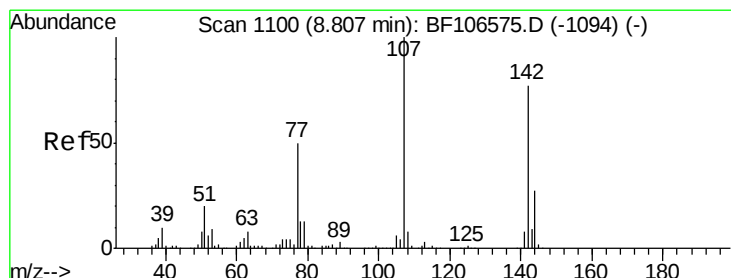
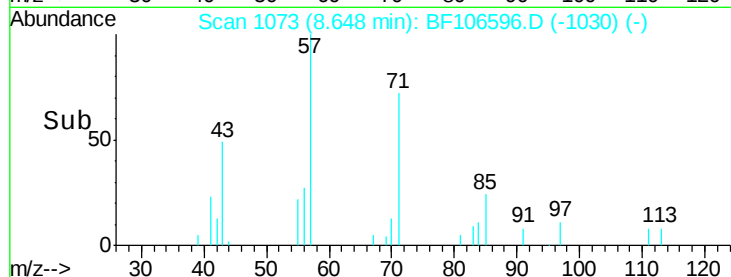
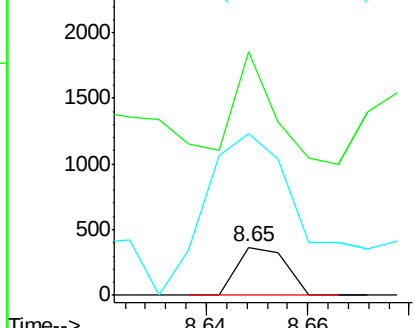
#35
 Caprolactam
 Concen: 0.157 ng
 RT: 8.65 min Scan# 1073
 Delta R.T. -0.05 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

Tgt Ion:113 Resp: 243
 Ion Ratio Lower Upper
 113 100
 55 509.3 163.3 203.3#
 56 338.5 115.7 155.7#

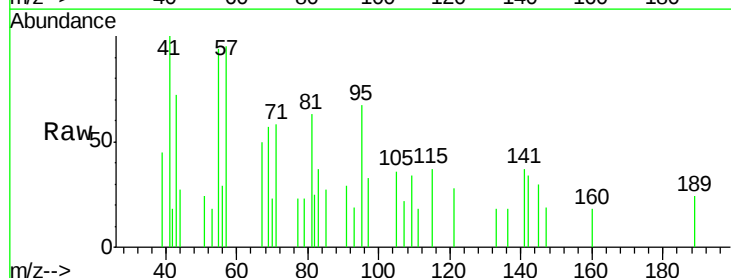


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

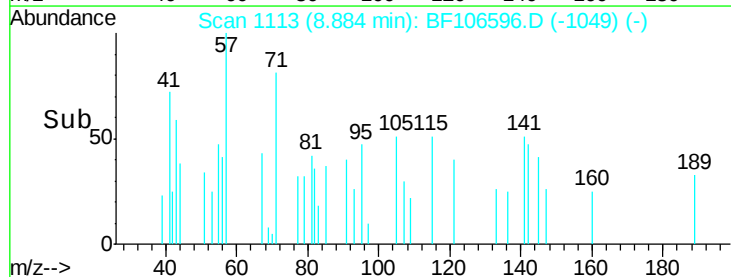
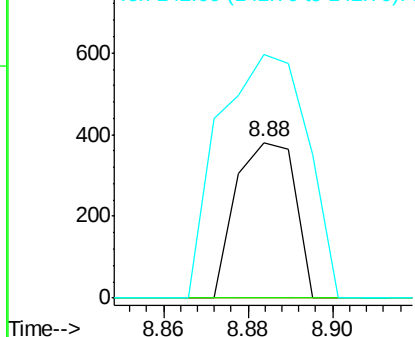


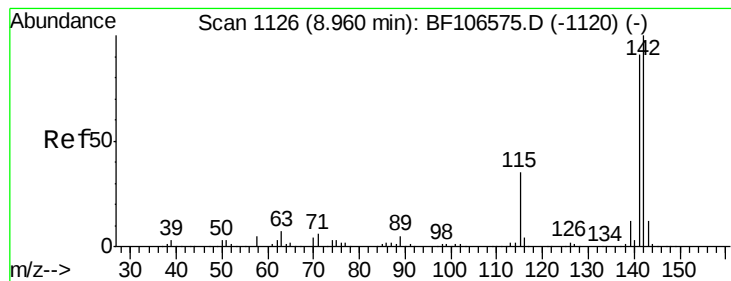
#36
 4-Chloro-3-methylphenol
 Concen: 0.074 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.08 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion:107 Resp: 370
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 156.4 62.0 93.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

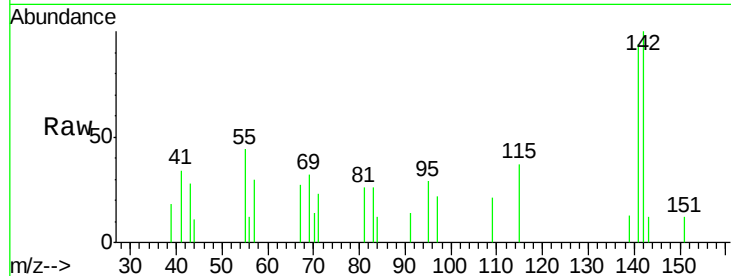




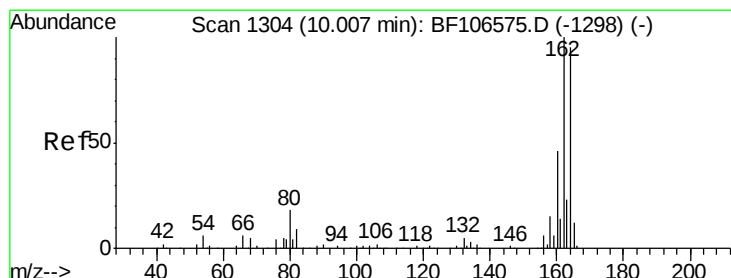
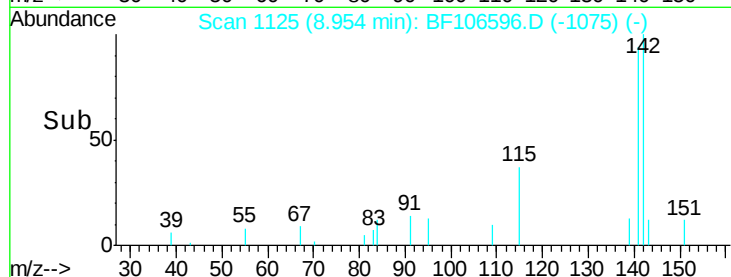
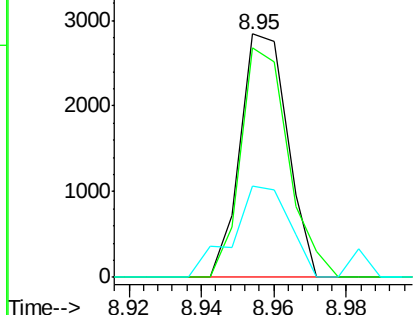
#37
 2-Methylnaphthalene
 Concen: 0.245 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

Tgt Ion:142 Resp: 2567
 Ion Ratio Lower Upper
 142 100
 141 94.3 70.8 106.2
 115 37.5 26.1 39.1

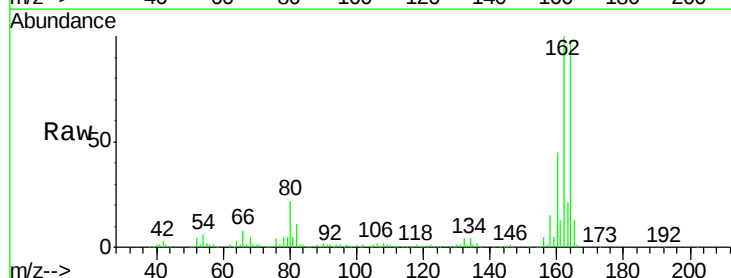


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

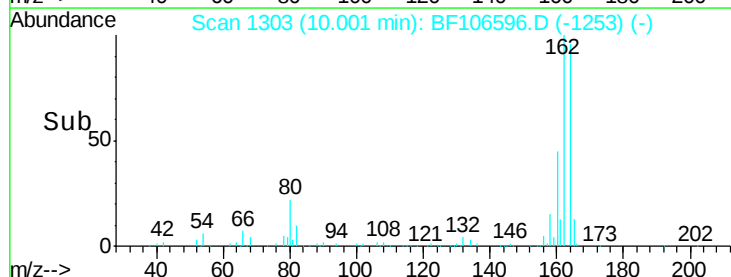
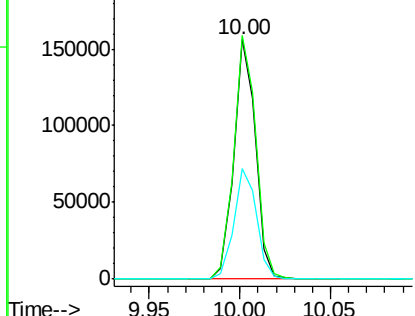


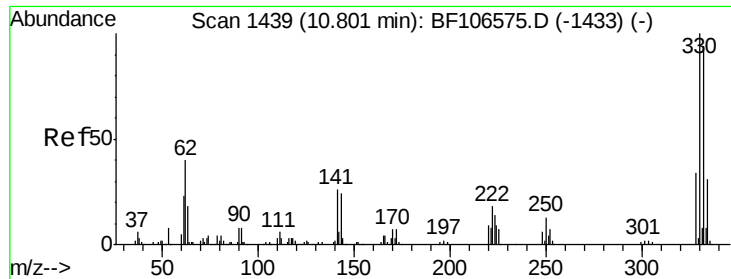
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion:164 Resp: 129373
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 46.1 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

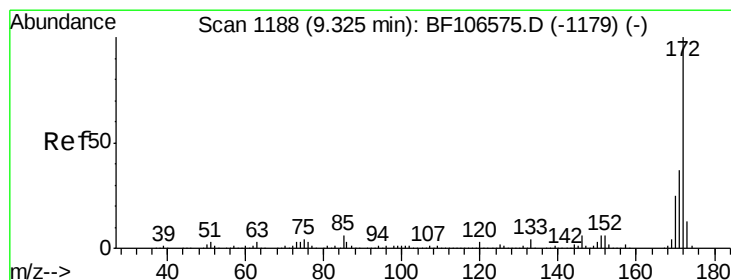
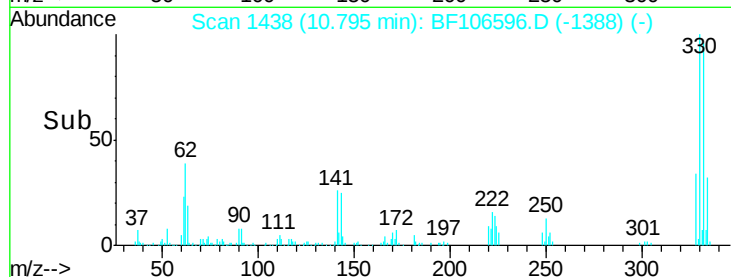
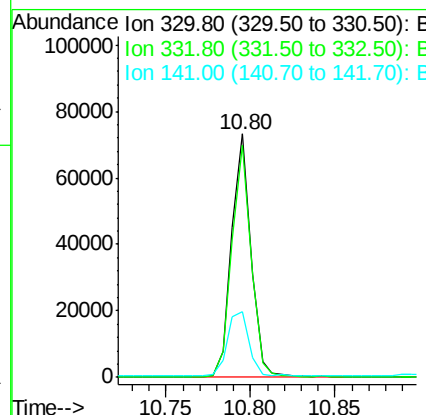
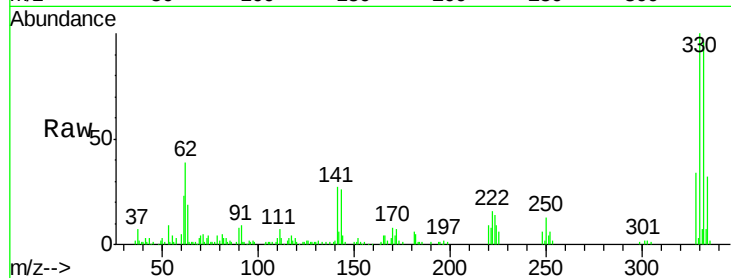




#41
 2,4,6-Tribromophenol
 Concen: 38.994 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

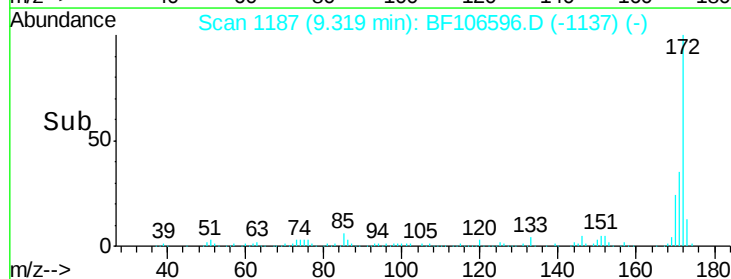
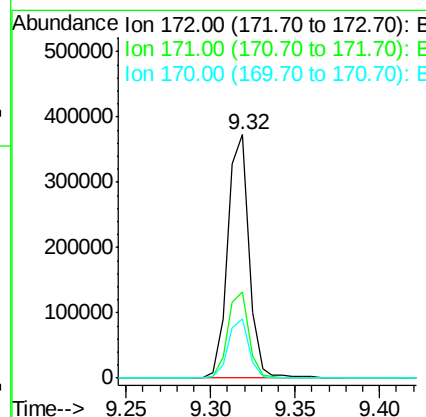
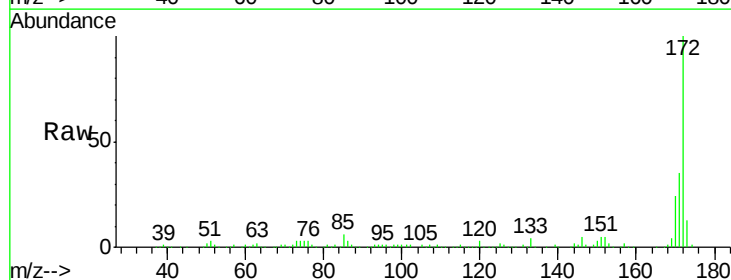
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

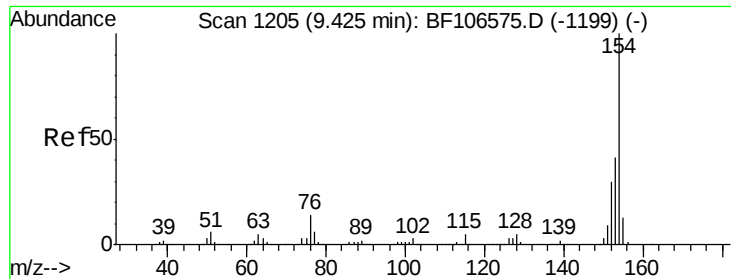
Tgt Ion:330 Resp: 58471
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 29.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 34.250 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion:172 Resp: 329099
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.1 19.6 29.4

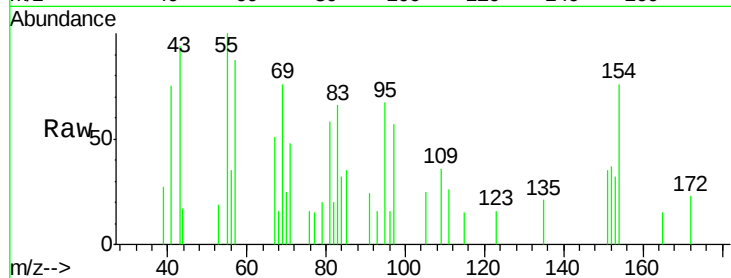




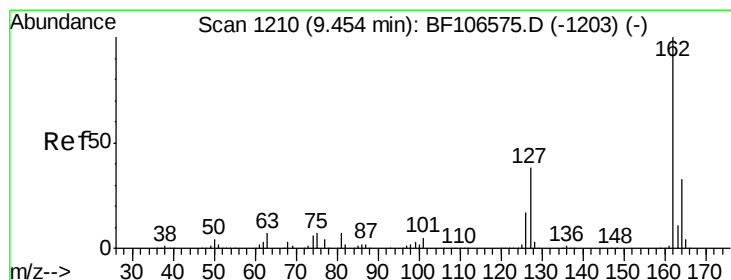
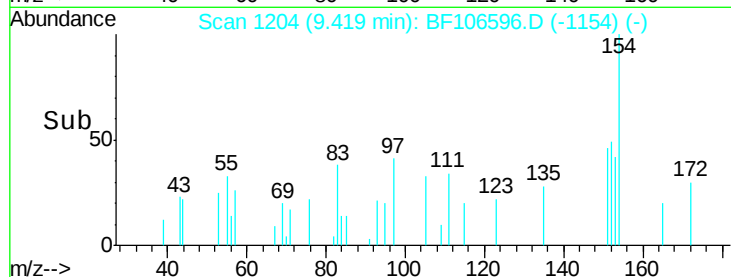
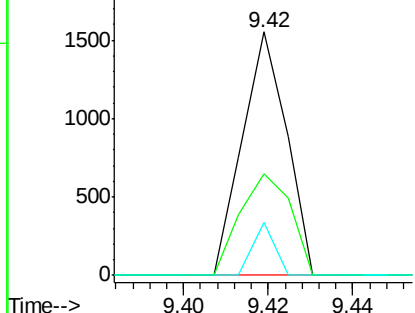
#45
 1,1'-Biphenyl
 Concen: 0.109 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

Tgt Ion:154 Resp: 1125
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.3 61.3
 76 21.5 0.0 34.0

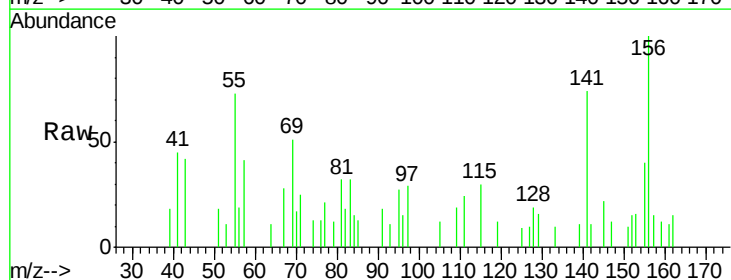


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

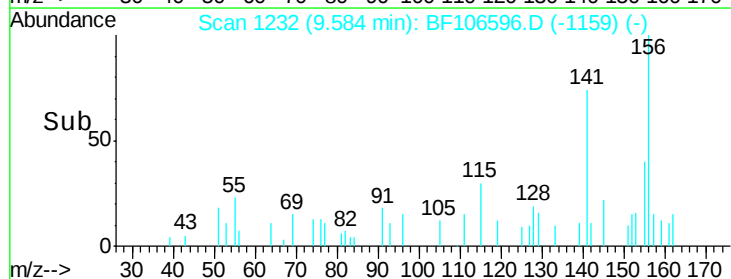
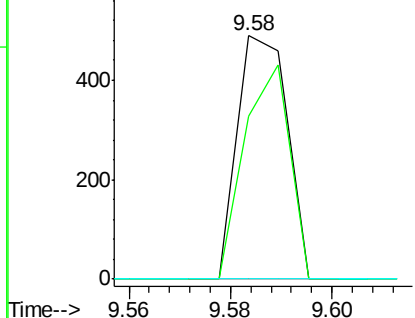


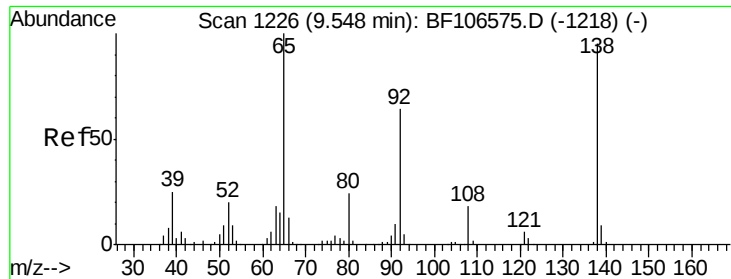
#46
 2-Chloronaphthalene
 Concen: 0.041 ng
 RT: 9.58 min Scan# 1232
 Delta R.T. 0.13 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion:162 Resp: 335
 Ion Ratio Lower Upper
 162 100
 127 66.9 33.9 50.9#
 164 0.0 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: 0.040 ng

RT: 9.53 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

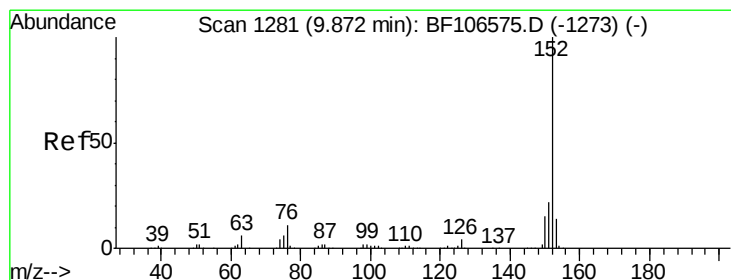
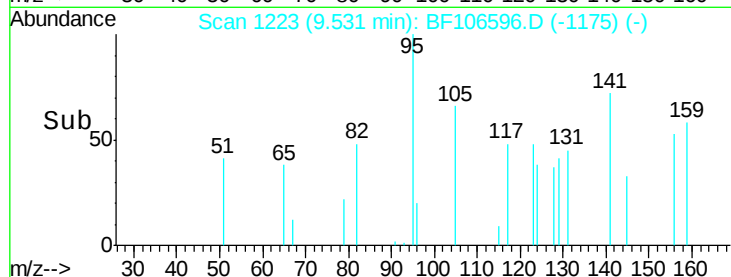
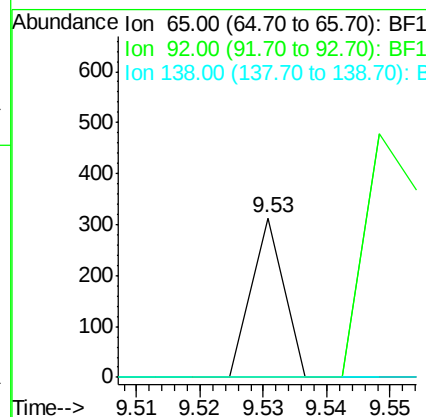
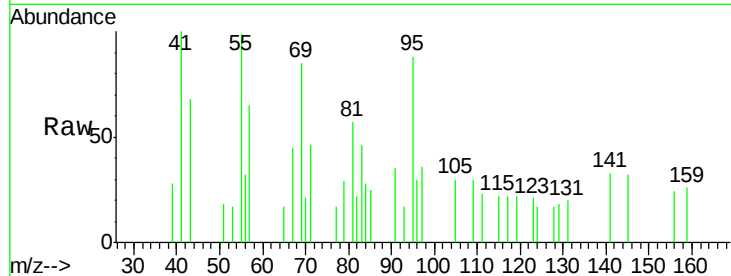
Tgt Ion: 65 Resp: 110

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#



#48

Acenaphthylene

Concen: 2.902 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

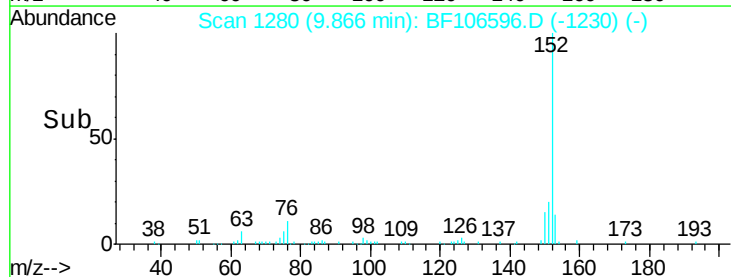
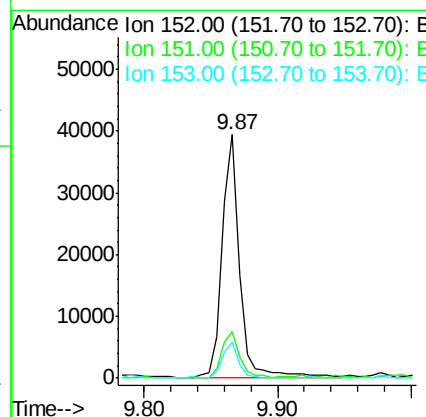
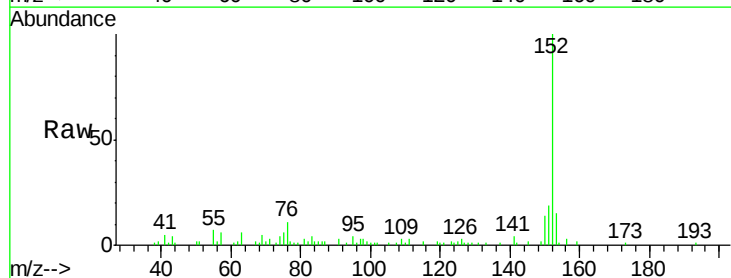
Tgt Ion: 152 Resp: 37181

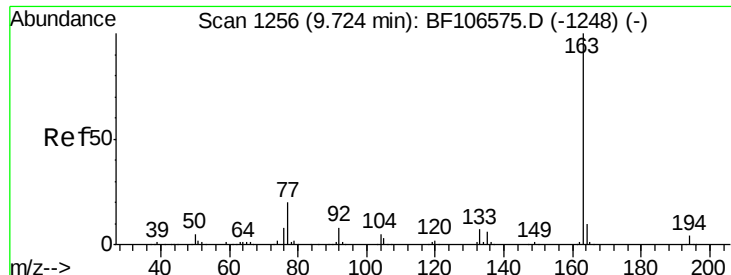
Ion Ratio Lower Upper

152 100

151 19.3 16.3 24.5

153 14.8 10.7 16.1

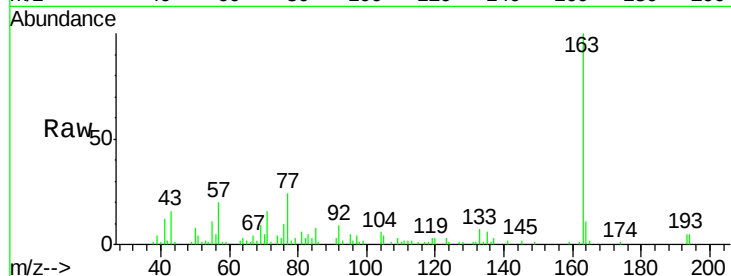




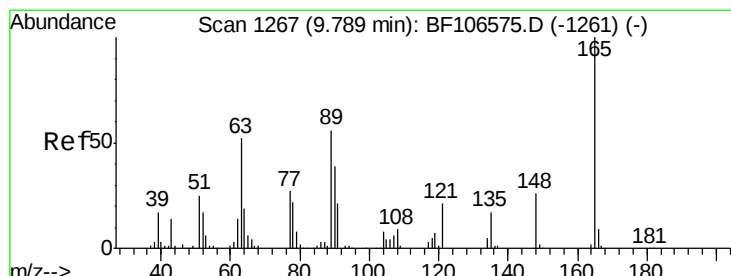
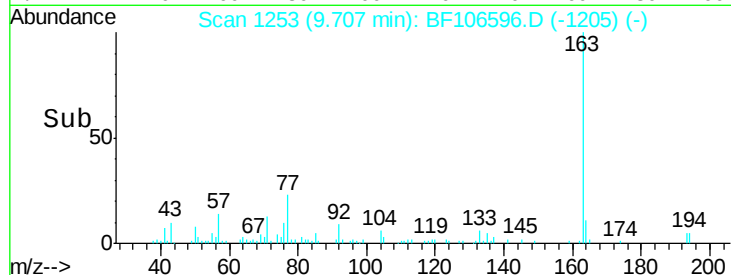
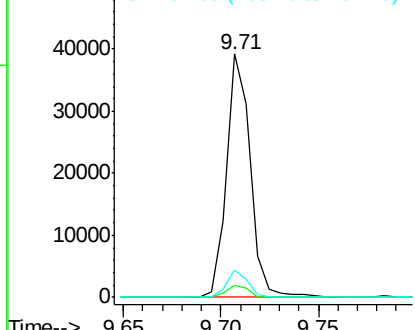
#49
 Dimethylphthalate
 Concen: 3.408 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

Tgt Ion:163 Resp: 33064
 Ion Ratio Lower Upper
 163 100
 194 4.7 2.7 4.1#
 164 11.0 8.2 12.2

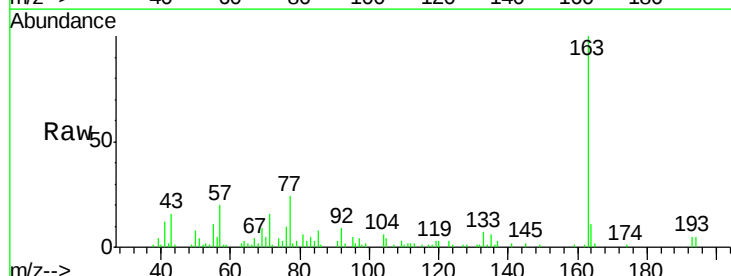


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

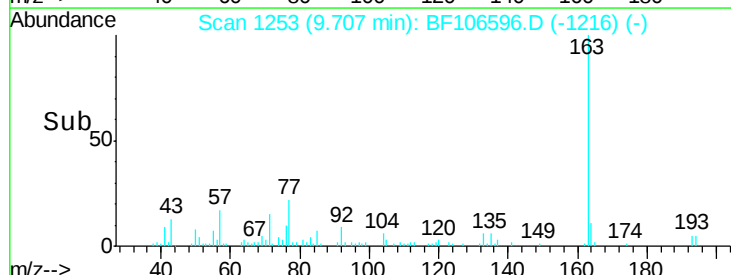
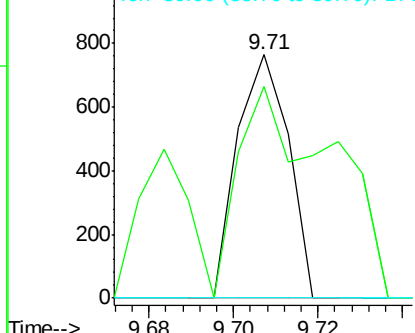


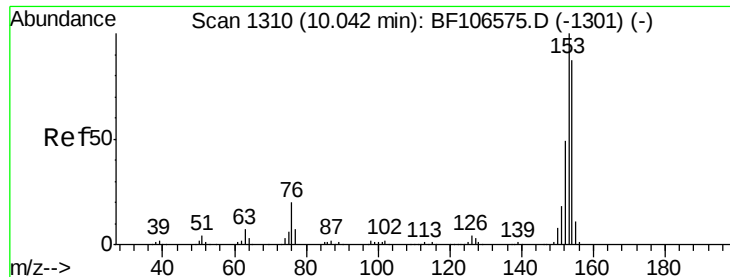
#50
 2,6-Dinitrotoluene
 Concen: 0.312 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.08 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion:165 Resp: 641
 Ion Ratio Lower Upper
 165 100
 63 87.1 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: 1.041 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

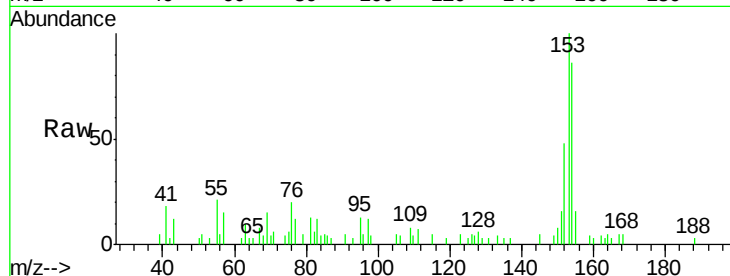
Tgt Ion:154 Resp: 8400

Ion Ratio Lower Upper

154 100

153 116.9 91.2 136.8

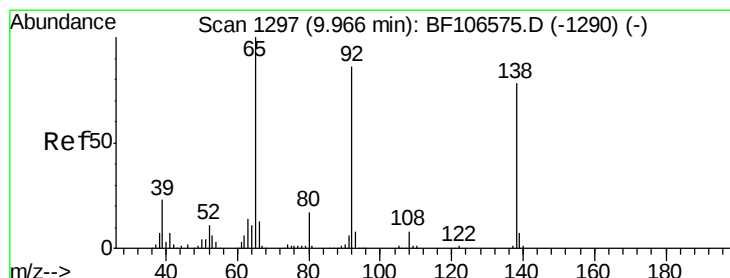
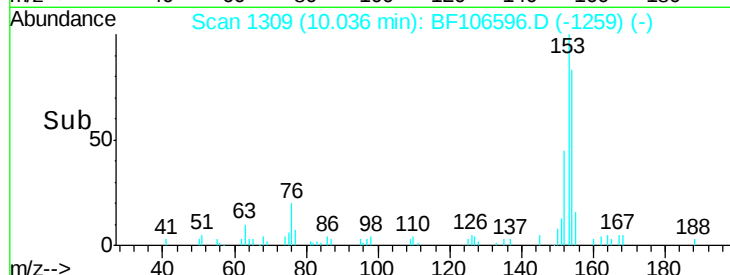
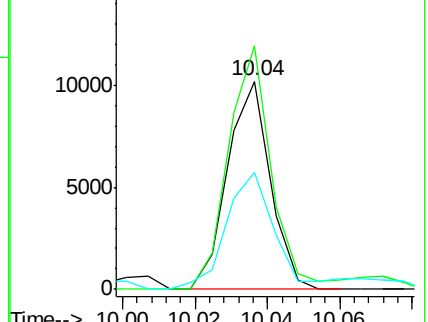
152 55.9 43.8 65.8



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



#52

3-Nitroaniline

Concen: 0.046 ng

RT: 10.21 min Scan# 1338

Delta R.T. 0.24 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

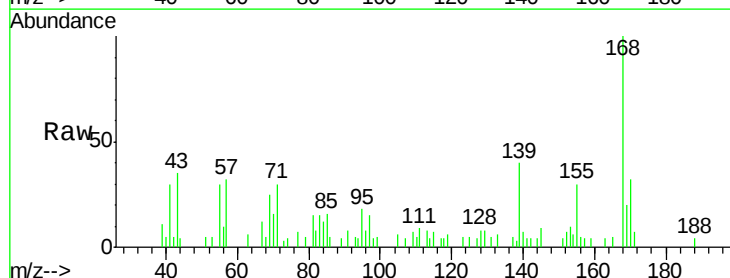
Tgt Ion:138 Resp: 109

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

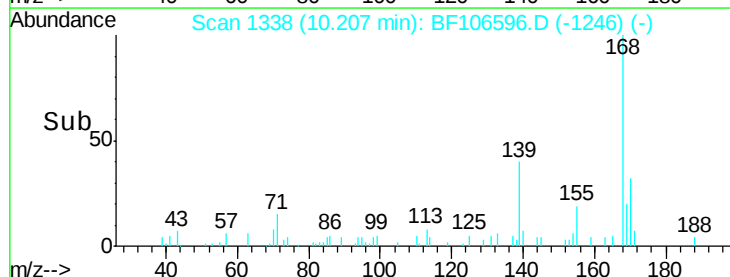
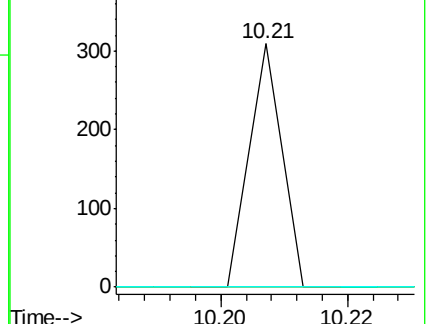
92 0.0 89.4 134.2#

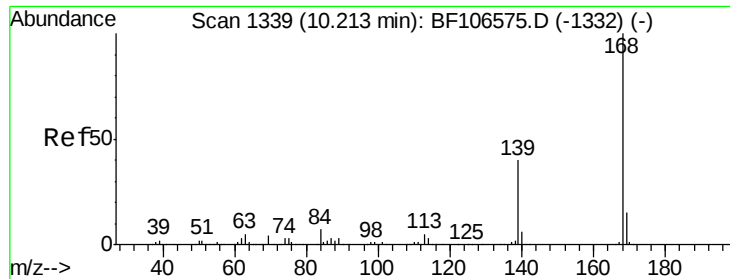


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 0.618 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

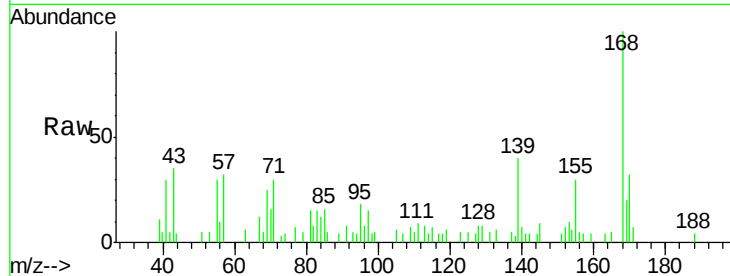
Tgt Ion:168 Resp: 6827

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

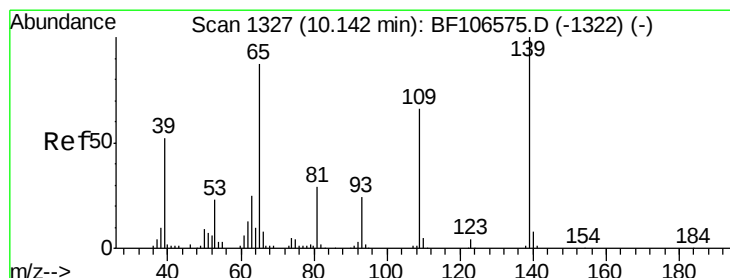
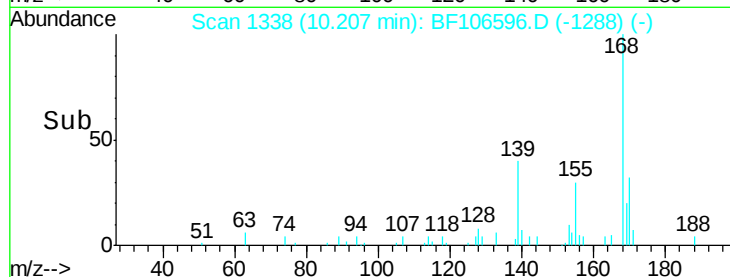
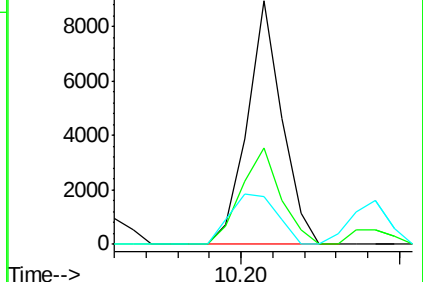
169 19.6 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.072 ng

RT: 10.15 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

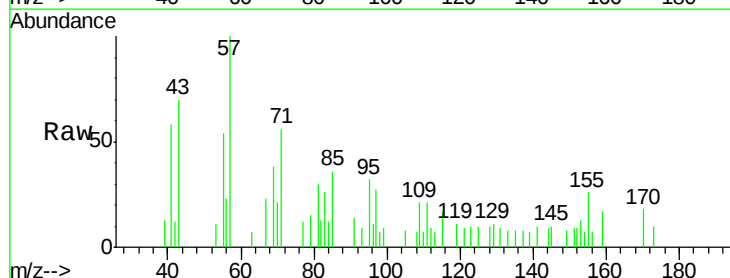
Tgt Ion:139 Resp: 119

Ion Ratio Lower Upper

139 100

109 282.1 48.4 88.4#

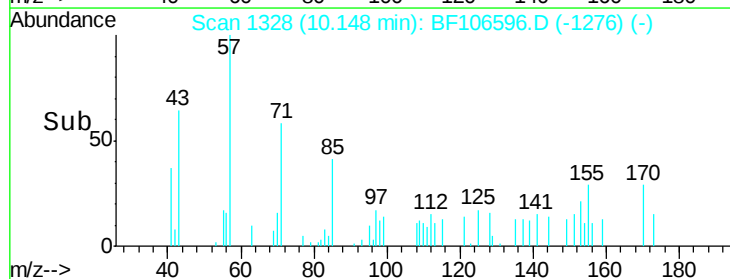
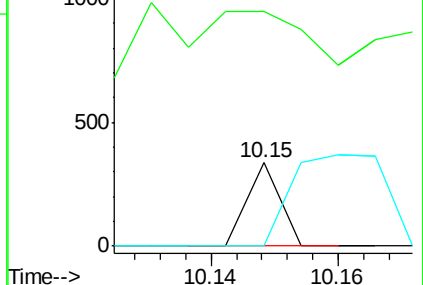
65 0.0 72.6 112.6#

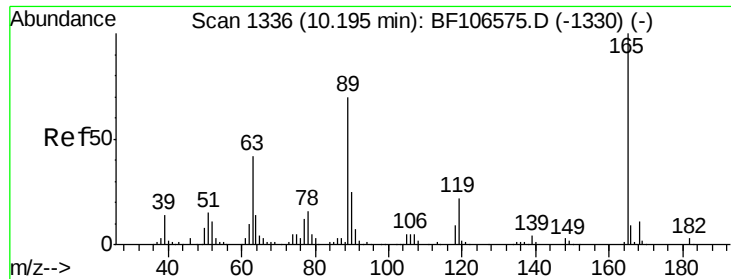


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

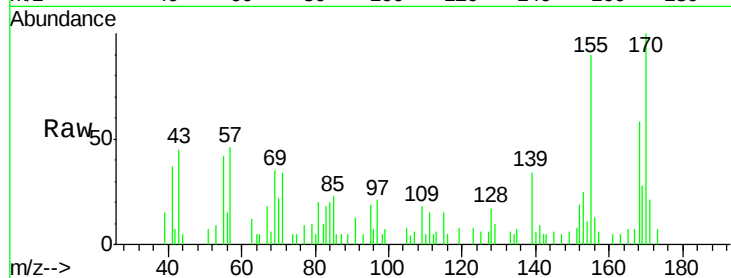




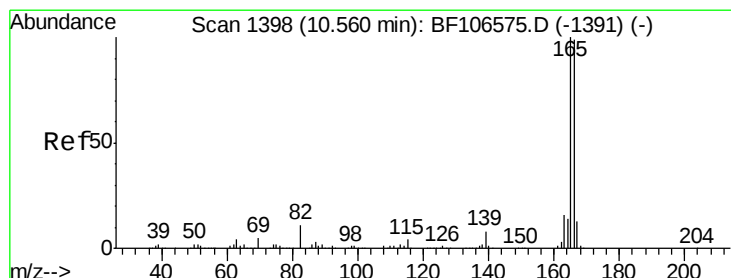
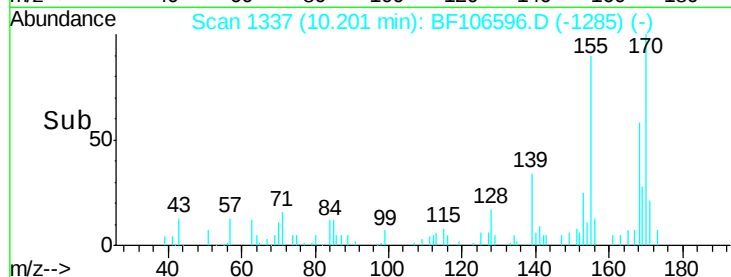
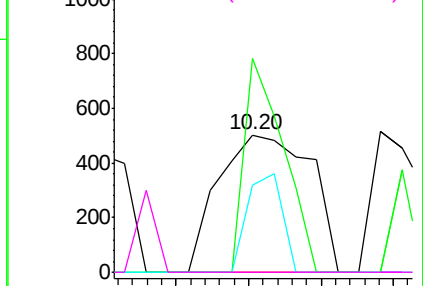
#56
2,4-Dinitrotoluene
Concen: 0.333 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-E

Tgt Ion:165 Resp: 893
Ion Ratio Lower Upper
165 100
63 155.8 36.4 54.6#
89 63.1 57.8 86.6
182 0.0 1.6 2.4#

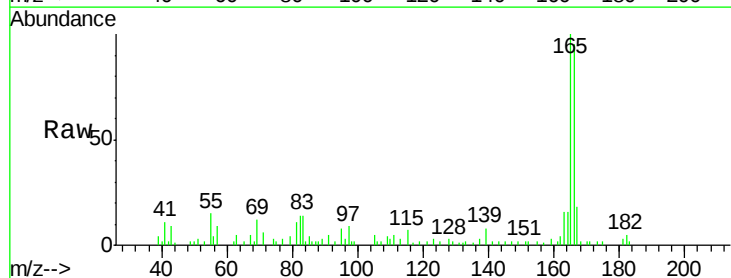


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

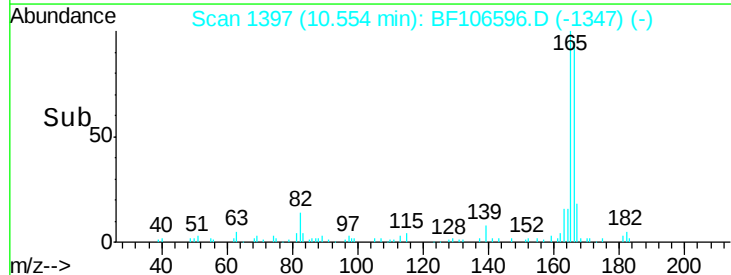
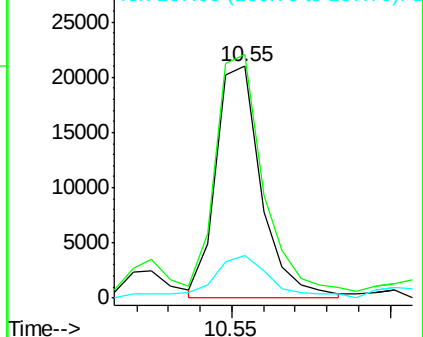


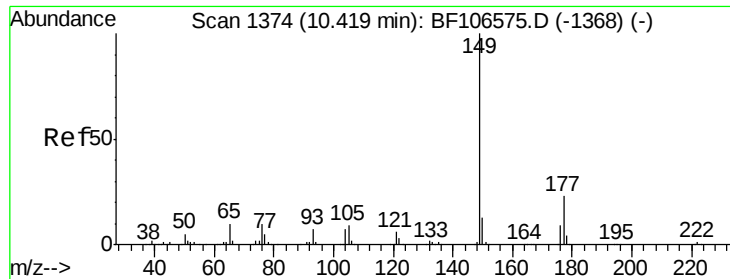
#57
Fluorene
Concen: 2.372 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

Tgt Ion:166 Resp: 20793
Ion Ratio Lower Upper
166 100
165 105.0 79.8 119.8
167 18.5 10.6 16.0#



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

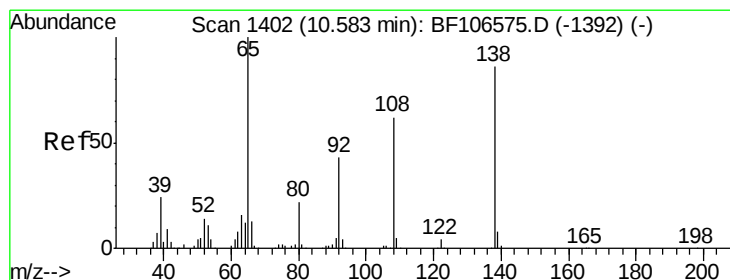
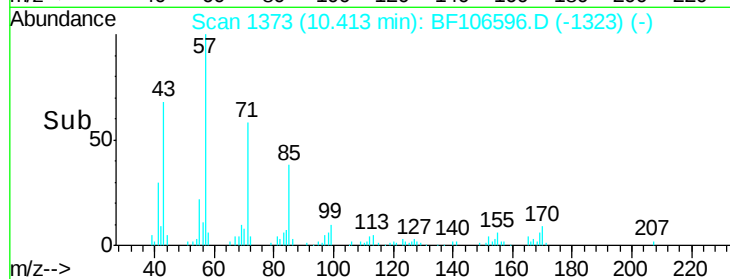
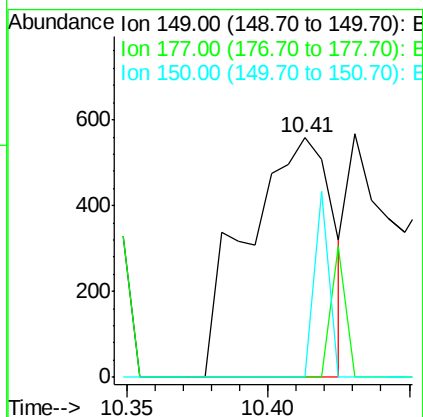
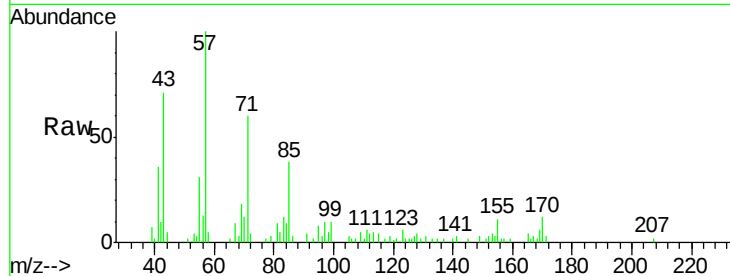




#59
Diethylphthalate
Concen: 0.125 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

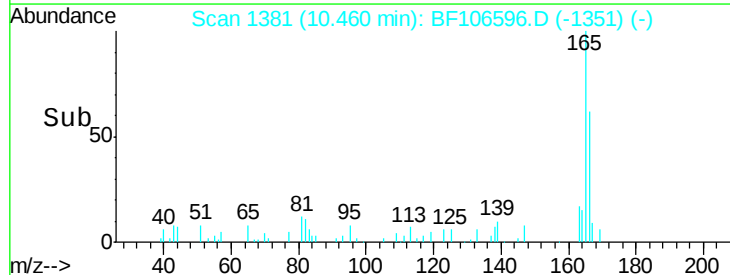
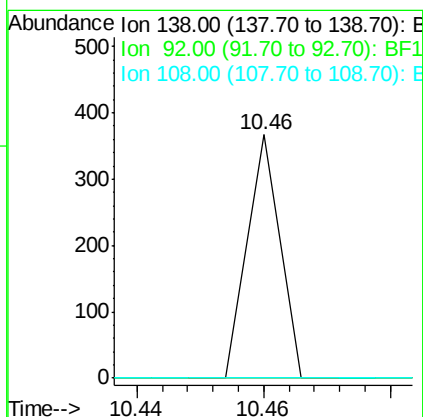
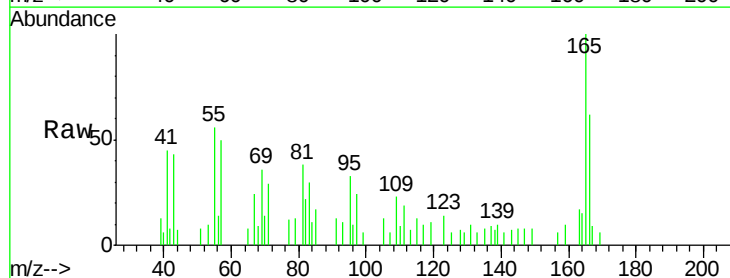
Instrument :
BNA_F
ClientSampleId :
PL-01-061818-E

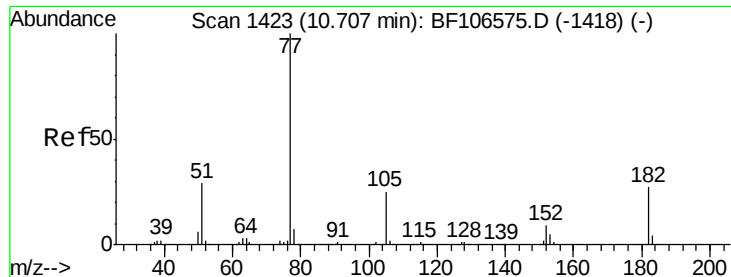
Tgt Ion:149 Resp: 1171
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#61
4-Nitroaniline
Concen: 0.055 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.12 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

Tgt Ion:138 Resp: 130
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#





#62

Azobenzene

Concen: 0.061 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

Tgt Ion: 77 Resp: 561

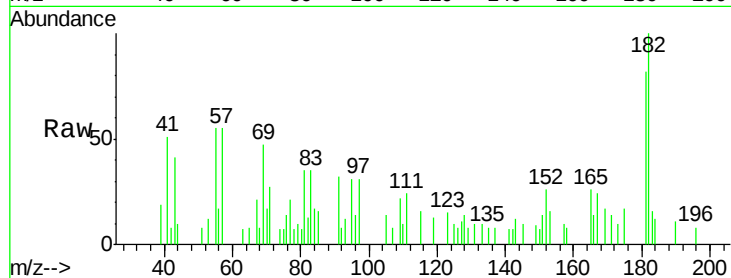
Ion Ratio Lower Upper

77 100

182 485.6 1.7 41.7#

105 69.8 3.0 43.0#

51 38.3 9.9 49.9

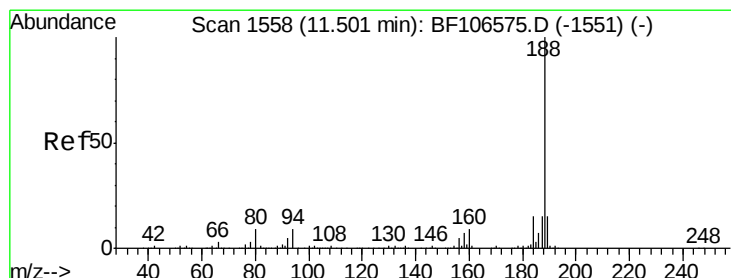
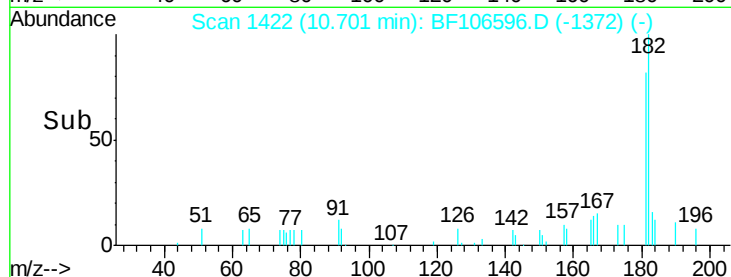
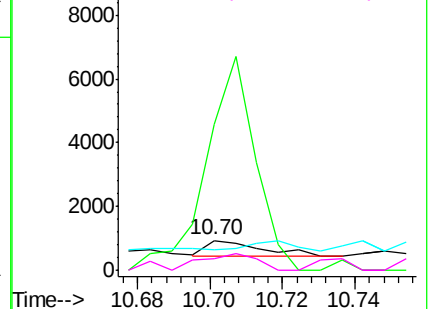


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

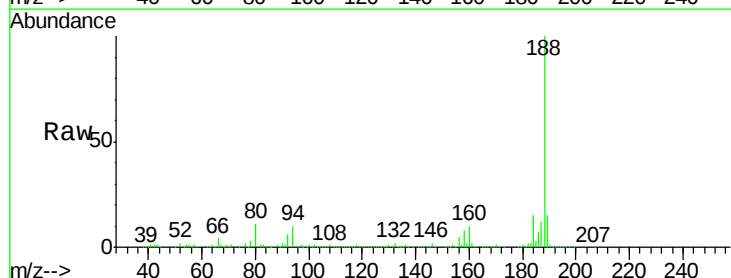
Tgt Ion: 188 Resp: 234215

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

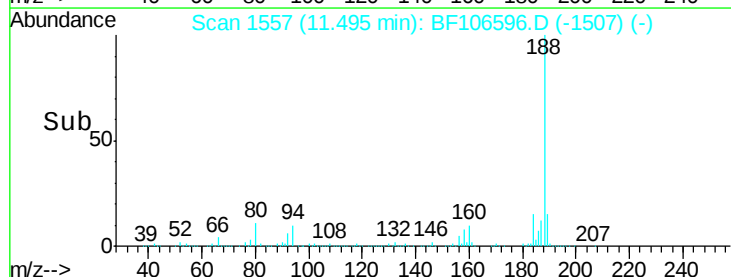
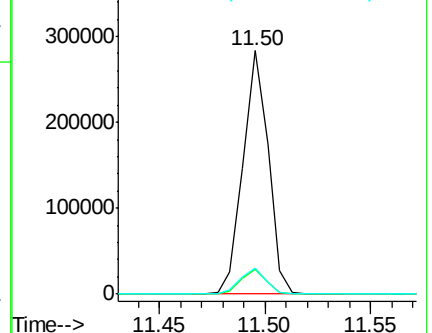
80 10.8 9.2 13.8

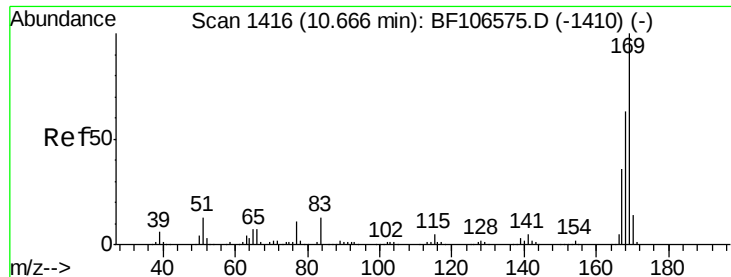


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

n-Nitrosodiphenylamine

Concen: 0.306 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

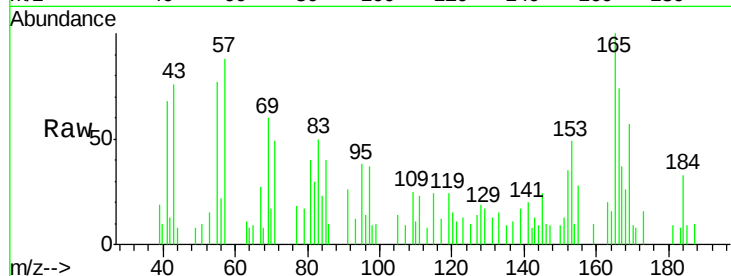
Tgt Ion:169 Resp: 2409

Ion Ratio Lower Upper

169 100

168 44.9 54.4 81.6#

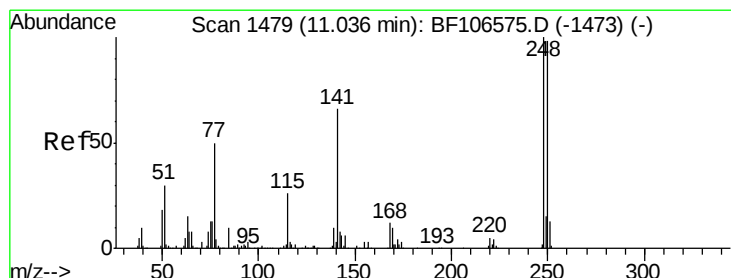
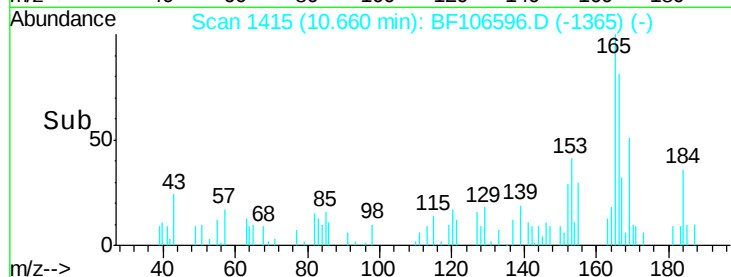
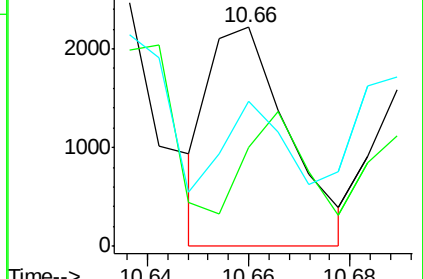
167 65.9 29.8 44.6#



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: 1.298 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

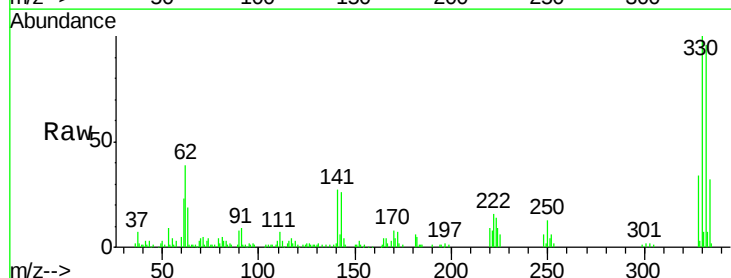
Tgt Ion:248 Resp: 3629

Ion Ratio Lower Upper

248 100

250 207.7 76.9 115.3#

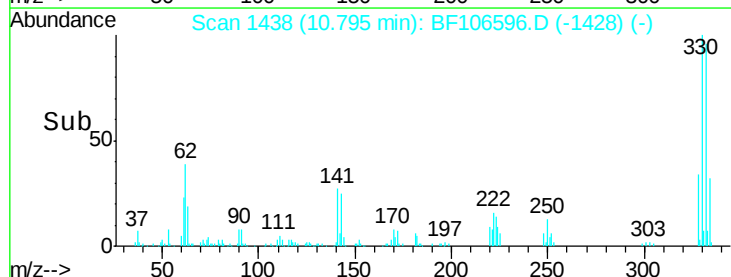
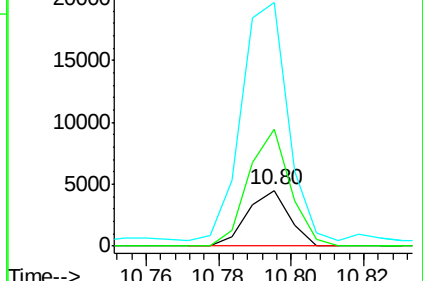
141 434.8 74.4 111.6#

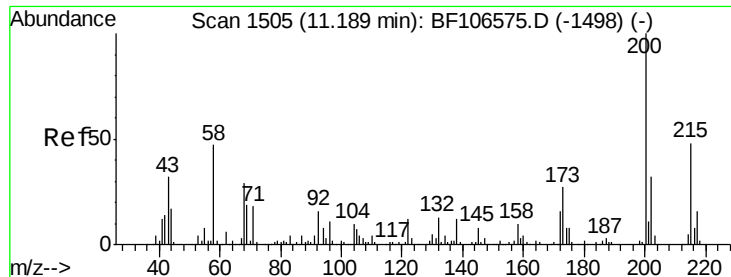


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

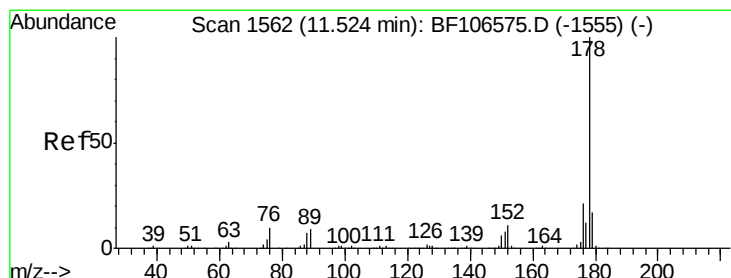
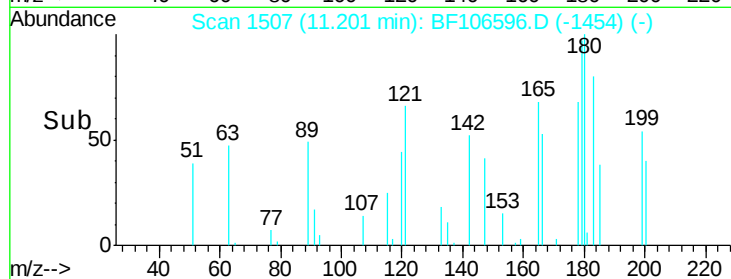
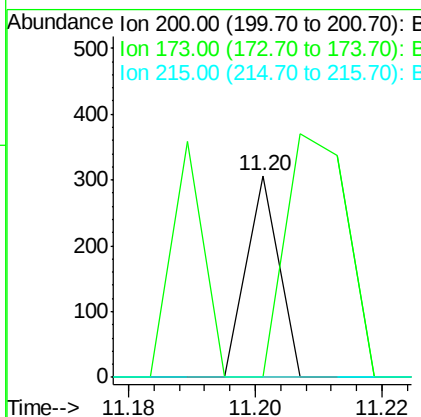
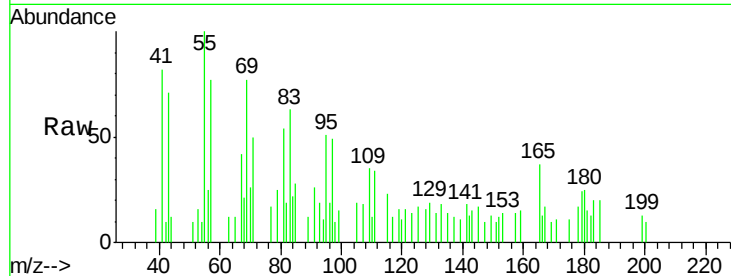




#68
 Atrazine
 Concen: 0.043 ng
 RT: 11.20 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

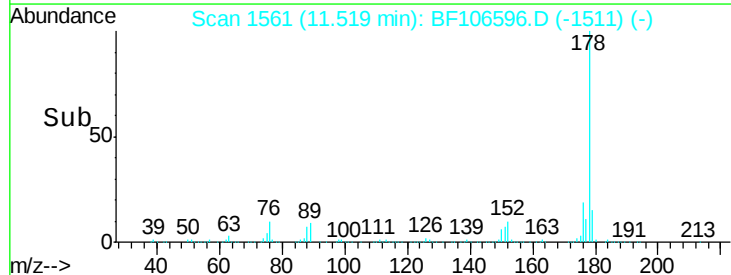
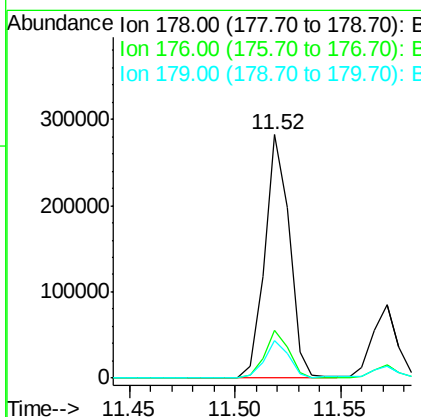
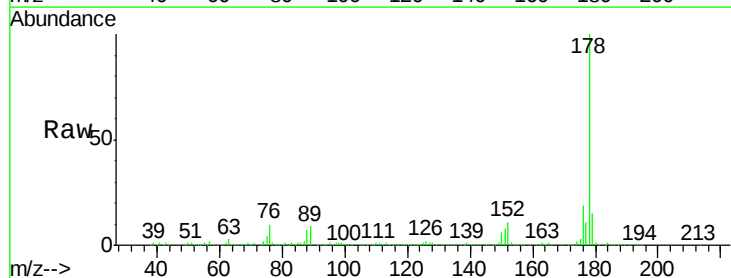
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

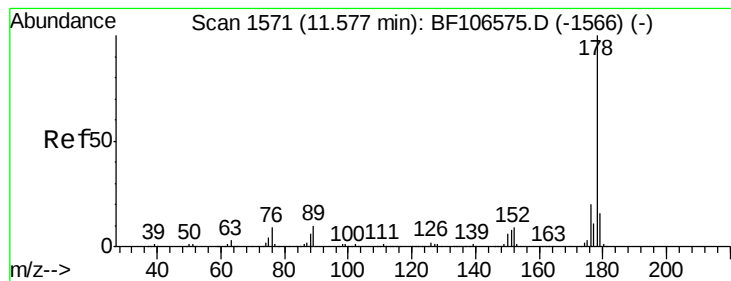
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	8.6	48.6#
215	0.0	25.1	65.1#



#70
 Phenanthrene
 Concen: 20.339 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6





#71

Anthracene

Concen: 5.827 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

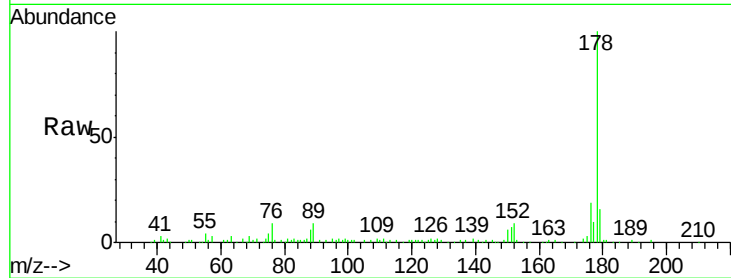
Tgt Ion:178 Resp: 67191

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

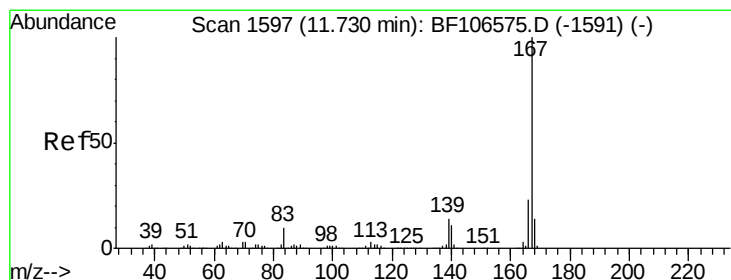
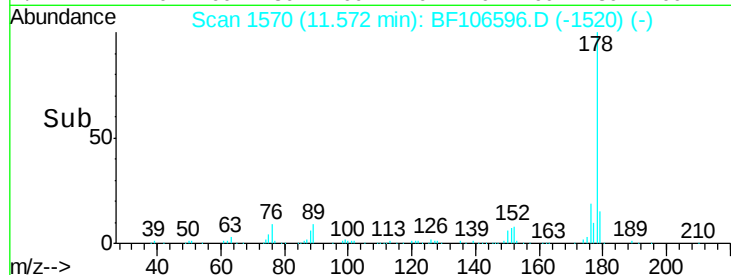
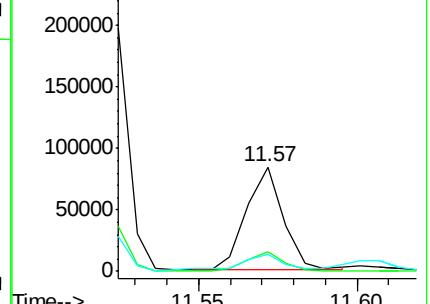
179 16.1 12.6 19.0



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: 1.120 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

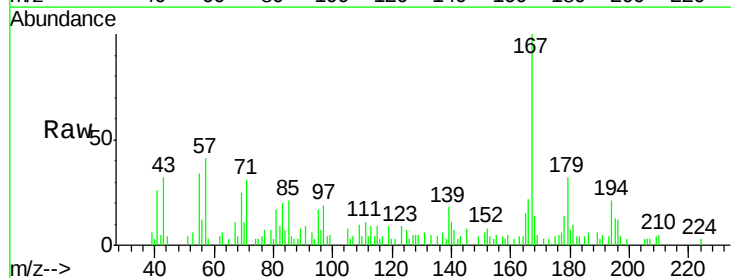
Tgt Ion:167 Resp: 12091

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

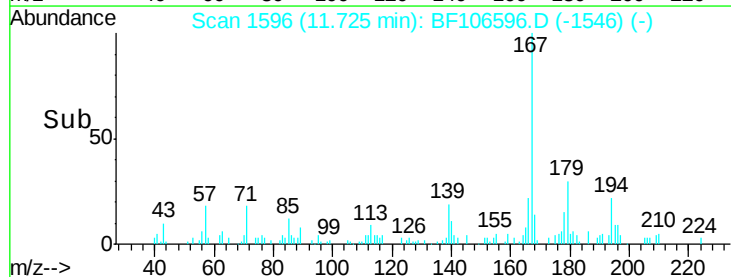
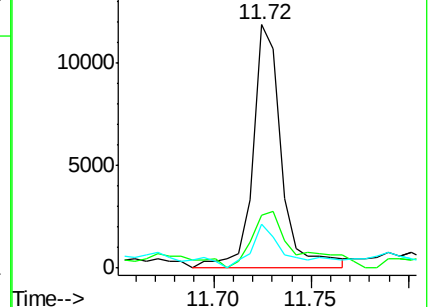
139 18.3 10.9 16.3#

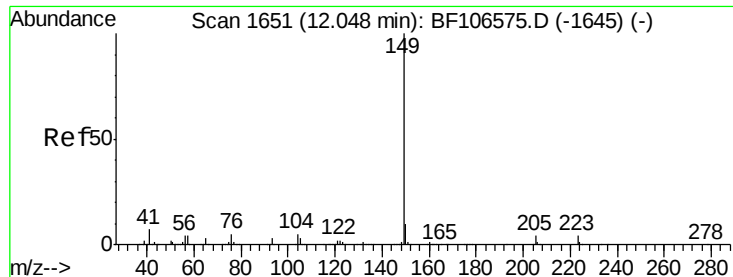


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

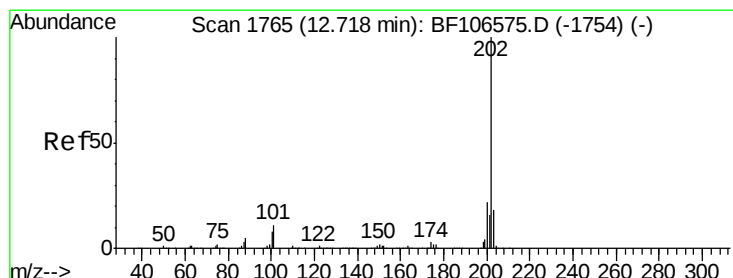
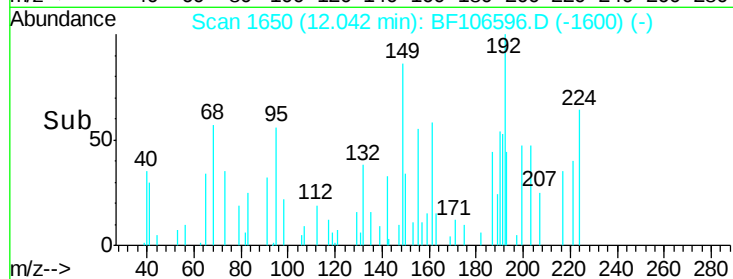
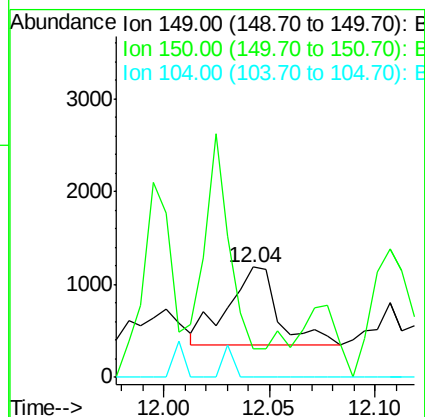
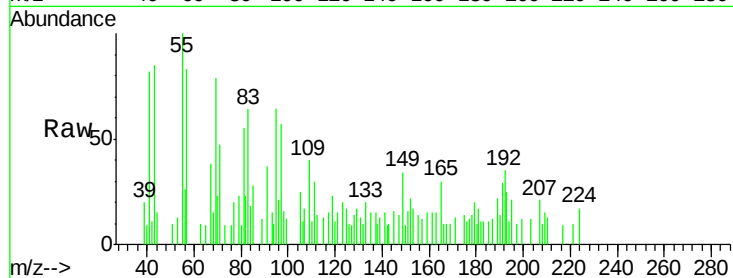




#73
Di-n-butylphthalate
Concen: 0.108 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

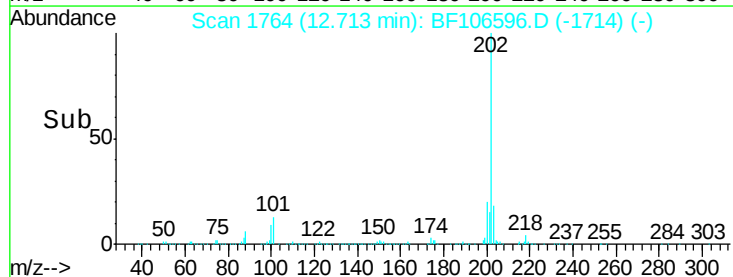
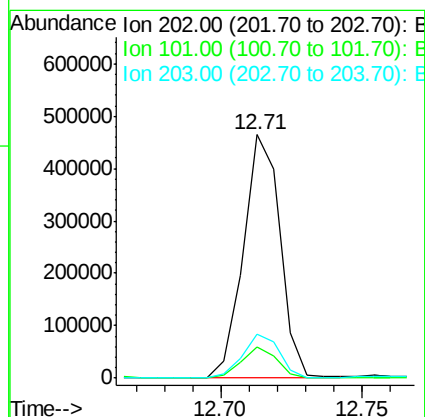
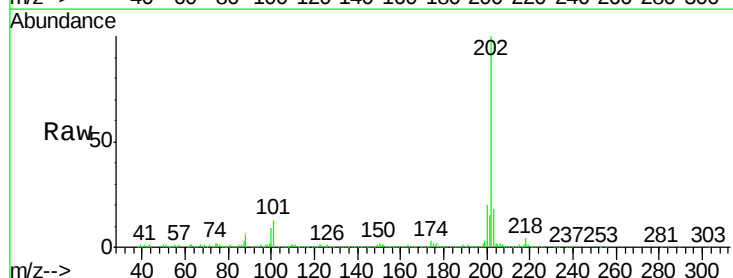
Instrument :
BNA_F
ClientSampleId :
PL-01-061818-E

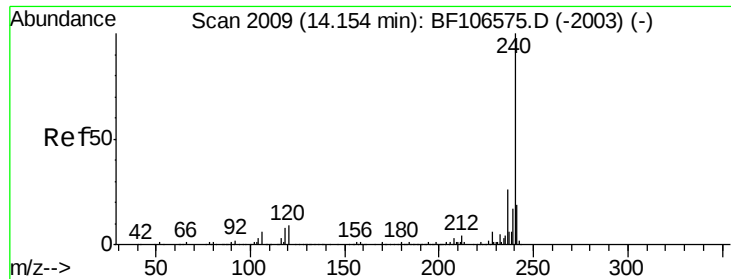
Tgt Ion:149 Resp: 1374
Ion Ratio Lower Upper
149 100
150 26.3 7.8 11.6#
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 33.513 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106596.D
Acq: 19 Jun 2018 21:37

Tgt Ion:202 Resp: 417272
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

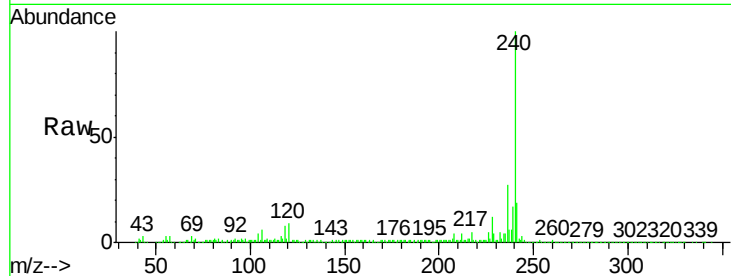
Tgt Ion:240 Resp: 275342

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

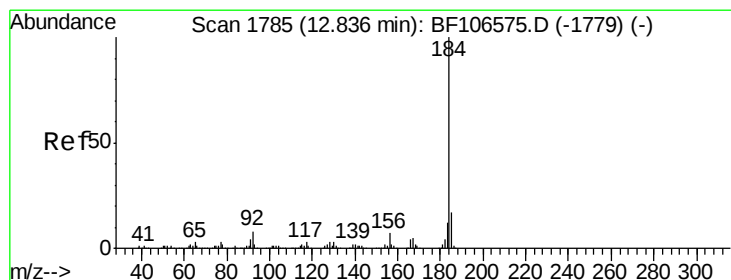
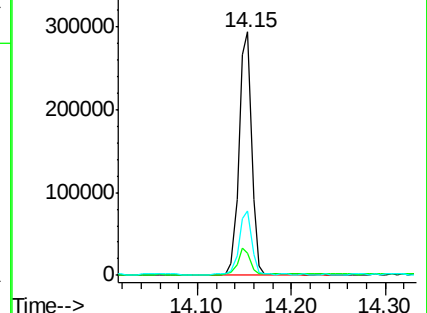
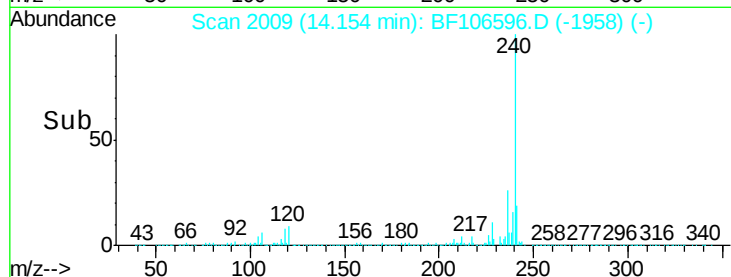
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.080 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.02 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

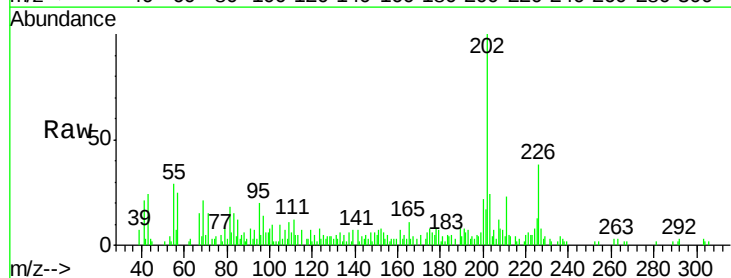
Tgt Ion:184 Resp: 626

Ion Ratio Lower Upper

184 100

185 121.1 12.6 18.8#

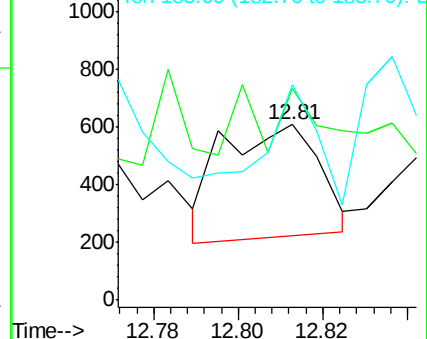
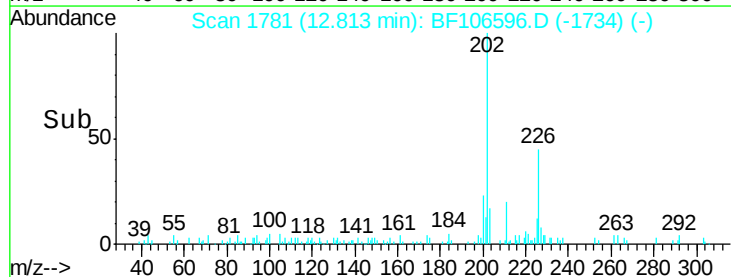
183 123.2 9.3 13.9#

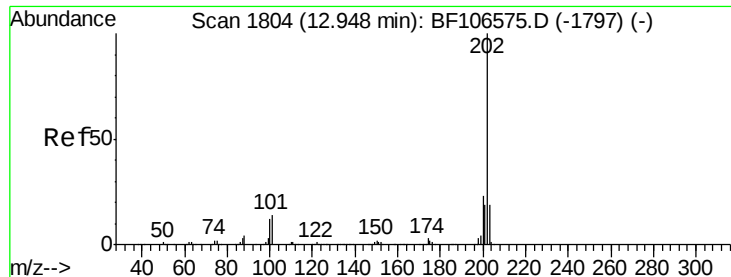


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

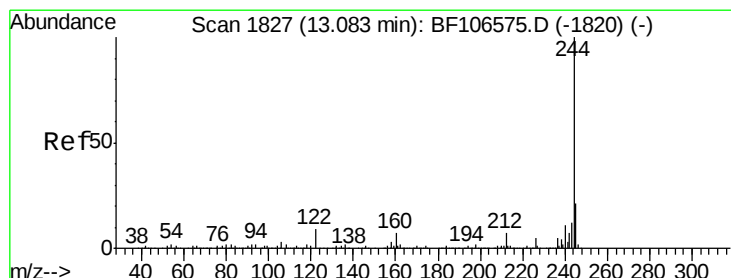
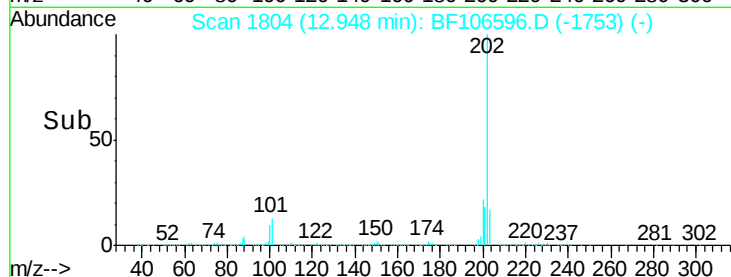
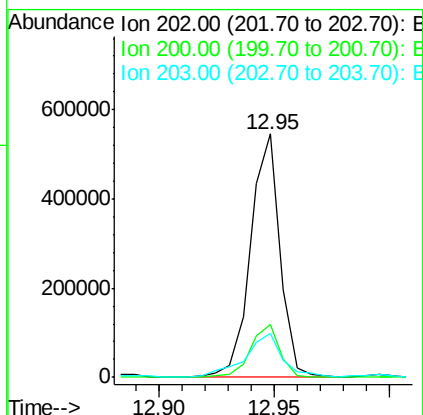
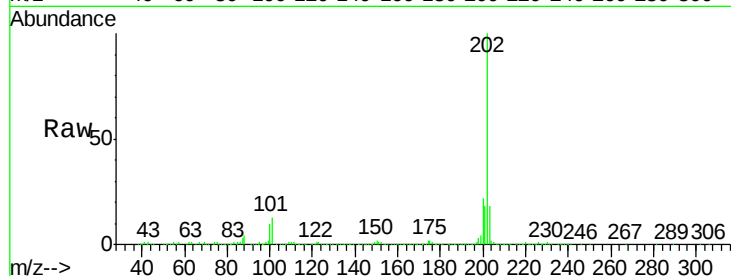




#77
 Pyrene
 Concen: 26.715 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

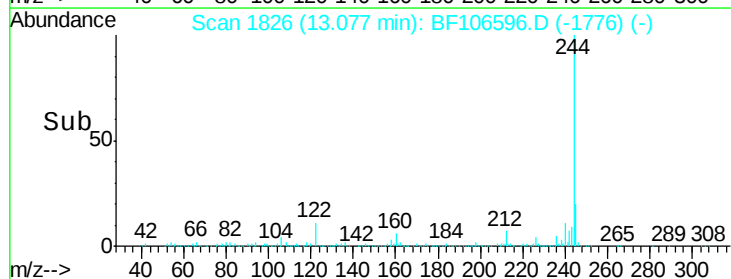
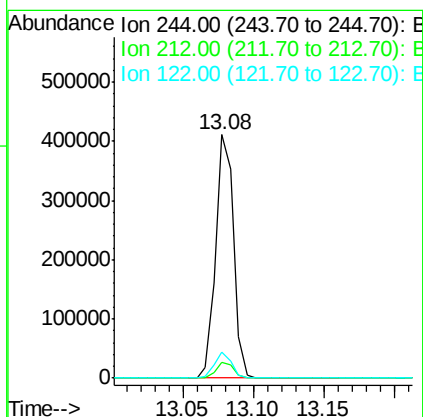
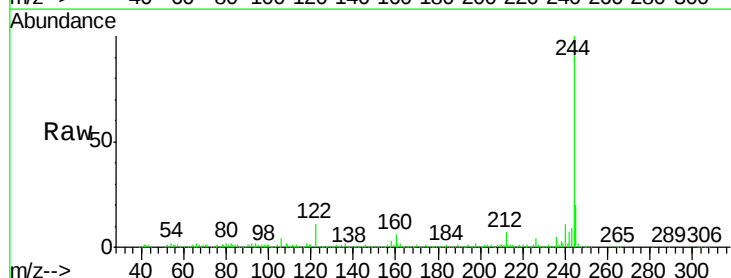
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

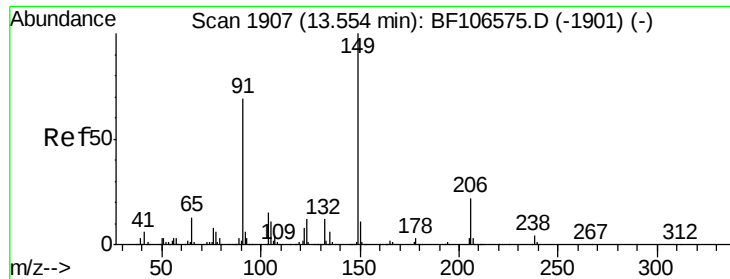
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 31.894 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	11.0	16.4#

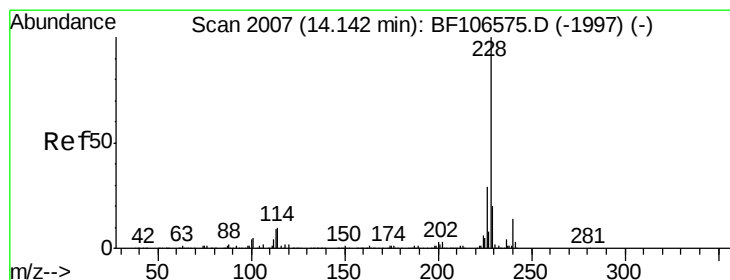
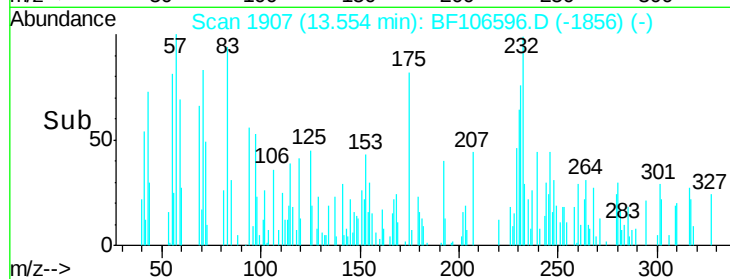
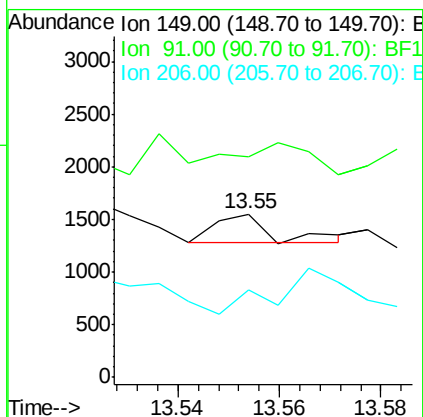
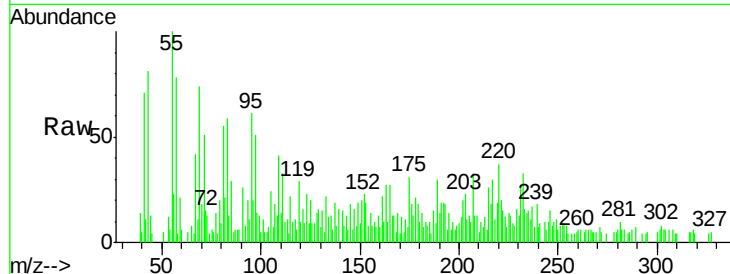




#79
 Butylbenzylphthalate
 Concen: 0.031 ng
 RT: 13.55 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

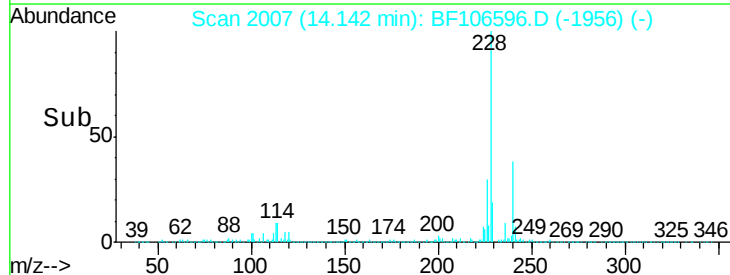
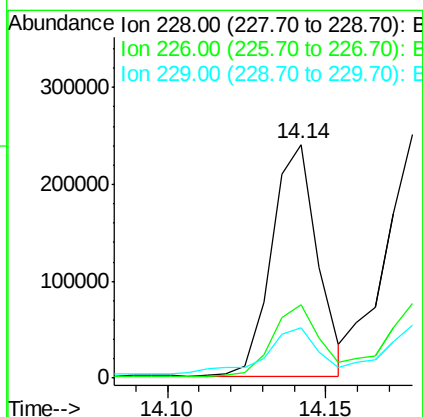
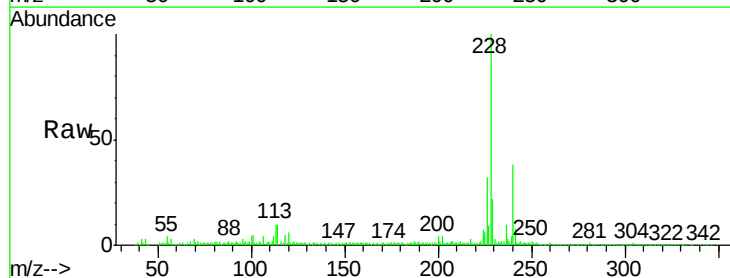
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

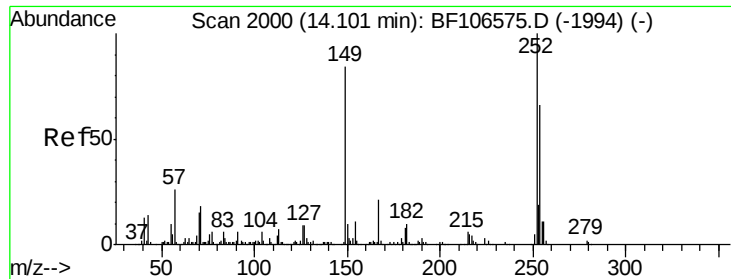
Tgt Ion: 149 Resp: 230
 Ion Ratio Lower Upper
 149 100
 91 135.0 56.8 85.2#
 206 53.8 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 14.333 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion: 228 Resp: 240524
 Ion Ratio Lower Upper
 228 100
 226 31.6 22.6 33.8
 229 21.8 15.8 23.6

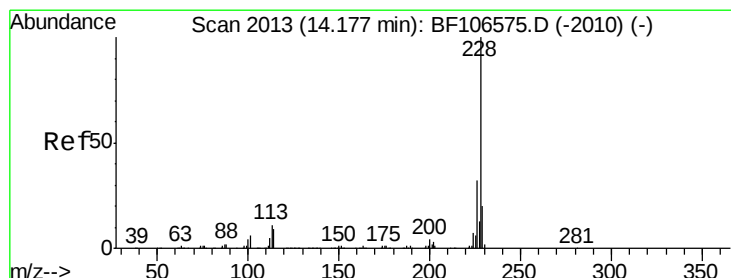
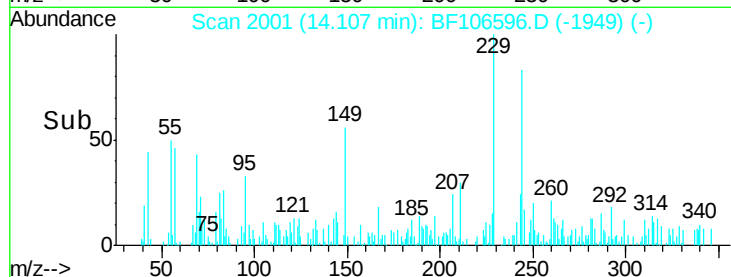
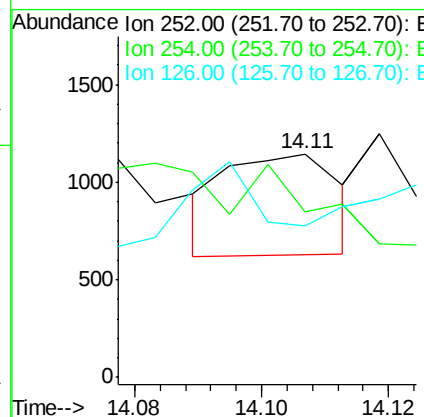
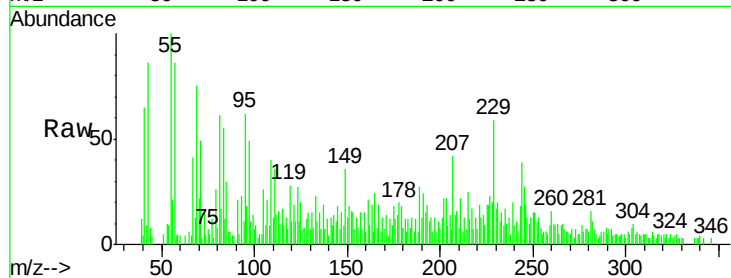




#81
 3,3'-Dichlorobenzidine
 Concen: 0.109 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

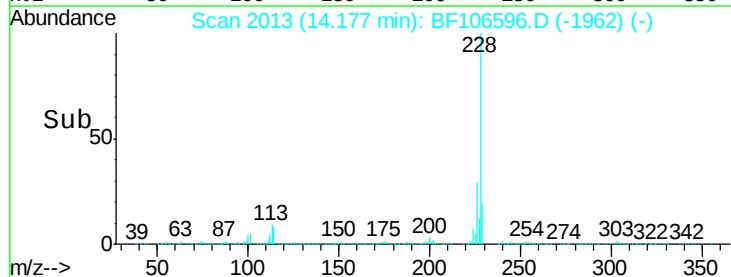
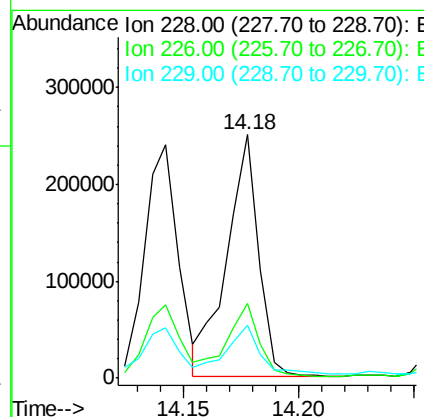
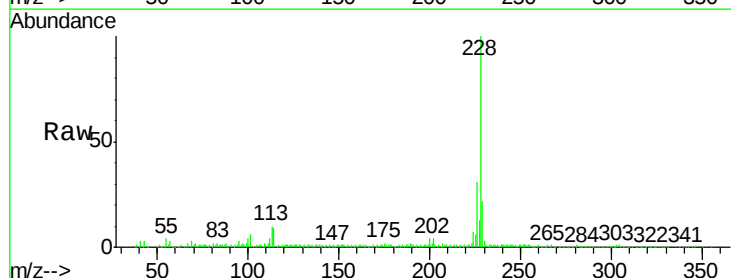
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061818-E

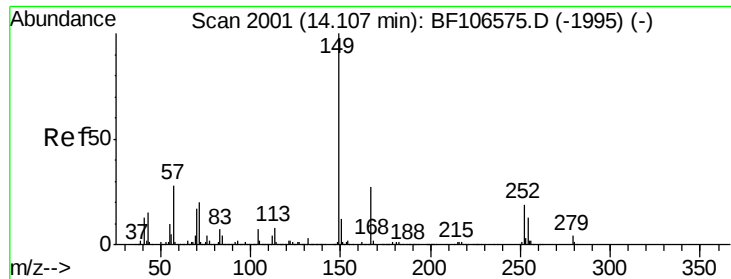
Tgt Ion:252 Resp: 643
 Ion Ratio Lower Upper
 252 100
 254 73.9 50.4 75.6
 126 67.8 11.3 16.9#



#82
 Chrysene
 Concen: 15.397 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106596.D
 Acq: 19 Jun 2018 21:37

Tgt Ion:228 Resp: 237704
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 21.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.276 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

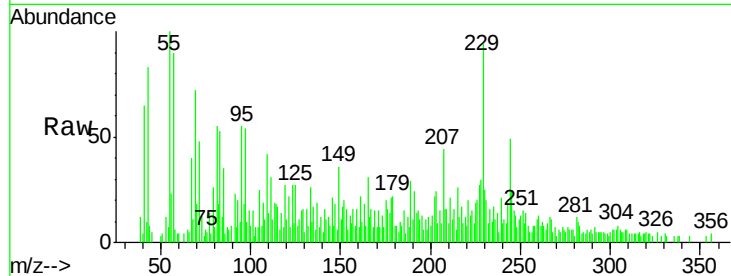
Tgt Ion:149 Resp: 2638

Ion Ratio Lower Upper

149 100

167 45.5 21.3 31.9#

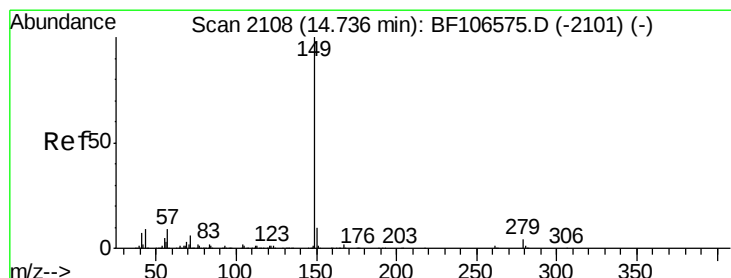
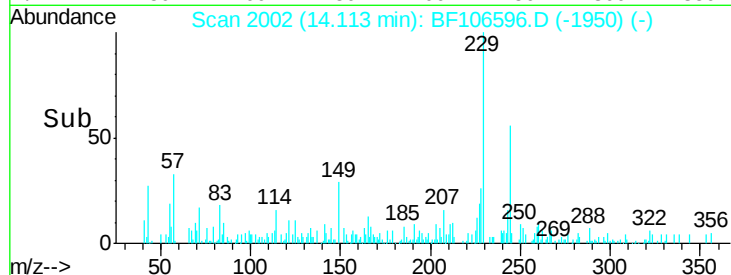
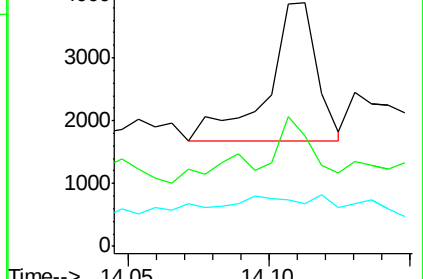
279 17.3 3.0 4.4#



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: 0.091 ng

RT: 14.75 min Scan# 2111

Delta R.T. 0.02 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

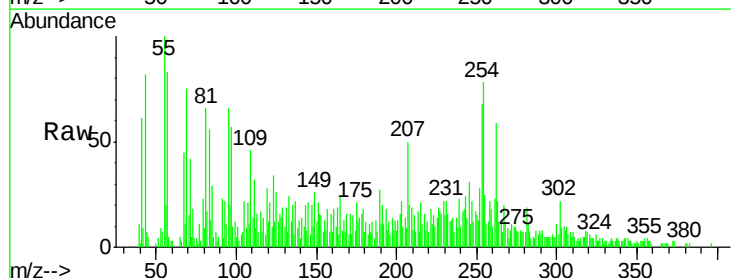
Tgt Ion:149 Resp: 1413

Ion Ratio Lower Upper

149 100

167 85.6 1.2 1.8#

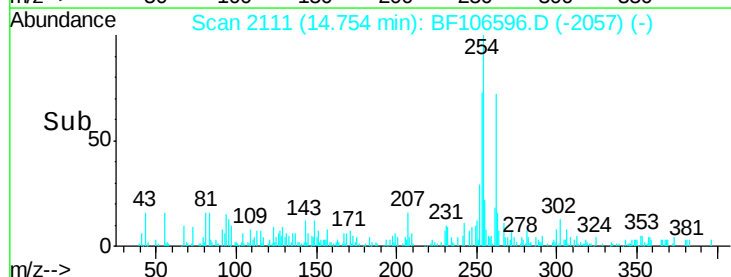
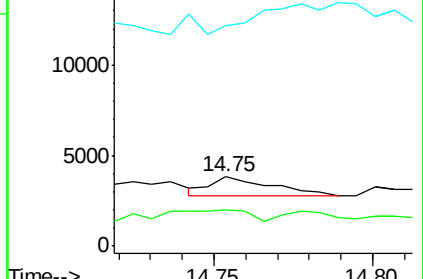
43 0.0 8.4 12.6#

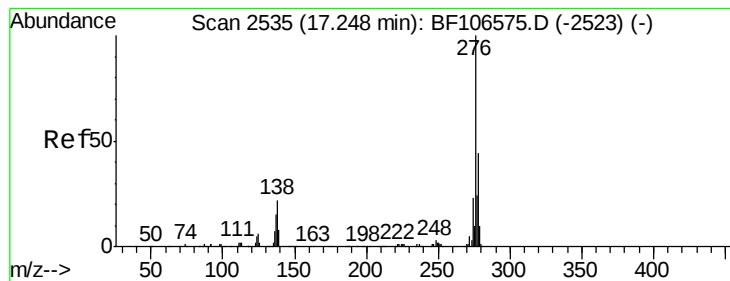


Abundance Ion 149.00 (148.70 to 149.70): E

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: 5.314 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

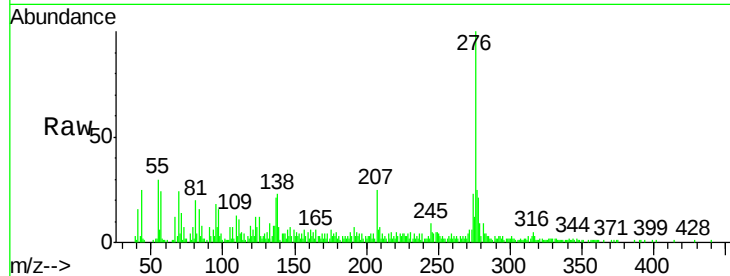
Tgt Ion:276 Resp: 69619

Ion Ratio Lower Upper

276 100

138 21.2 25.0 37.6#

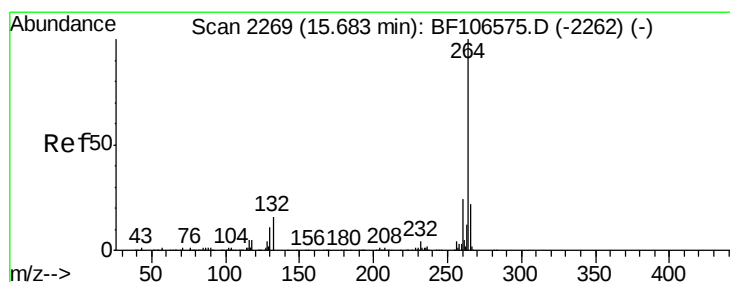
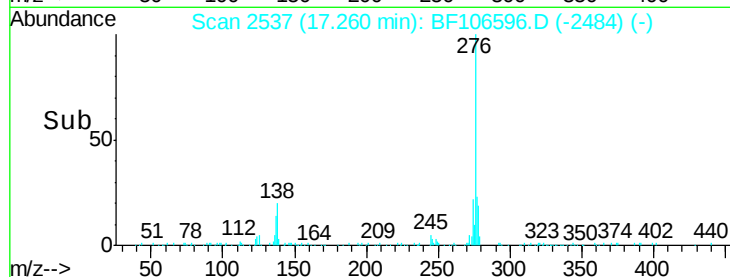
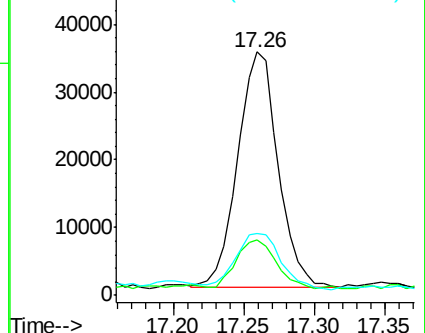
277 26.5 20.1 30.1



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# 2271

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

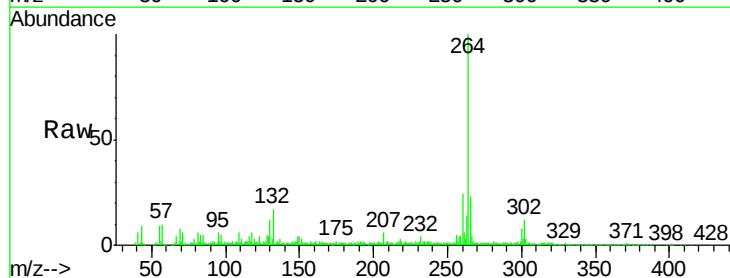
Tgt Ion:264 Resp: 199019

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

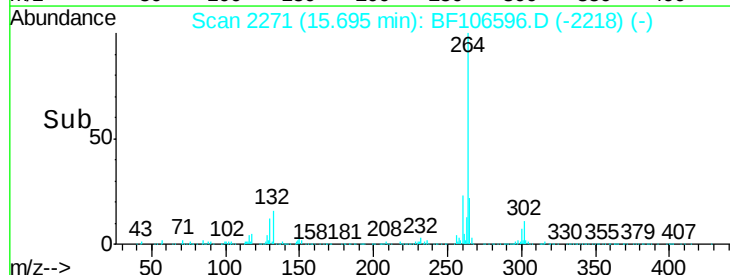
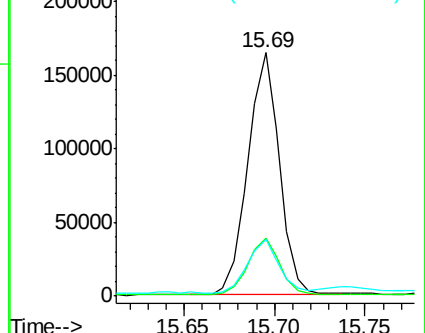
265 23.2 17.5 26.3

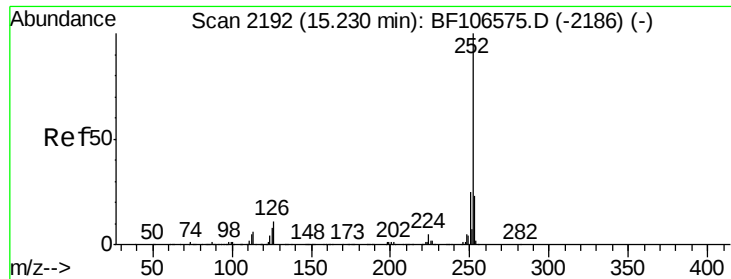


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 22.064 ng

RT: 15.24 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

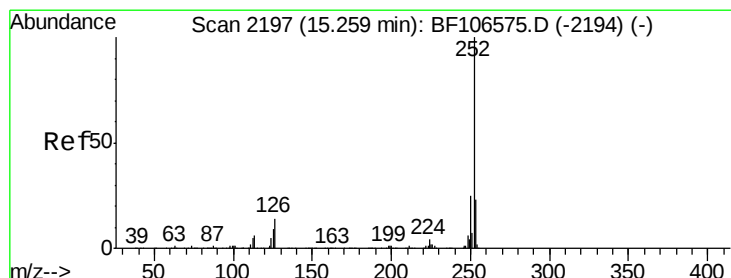
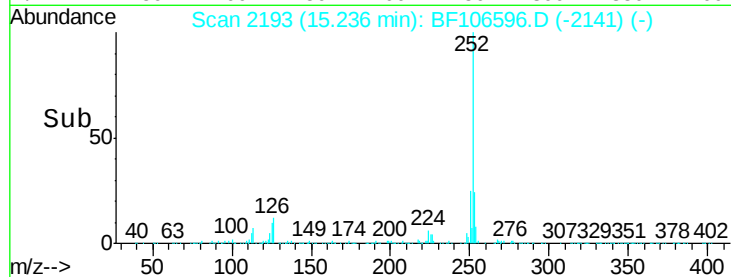
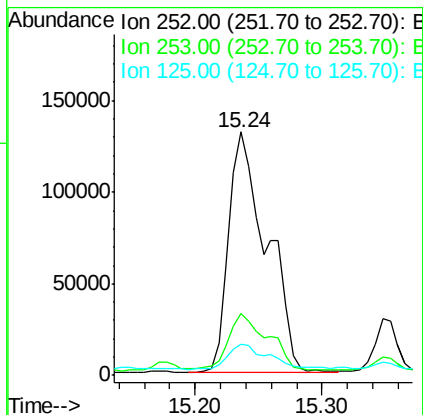
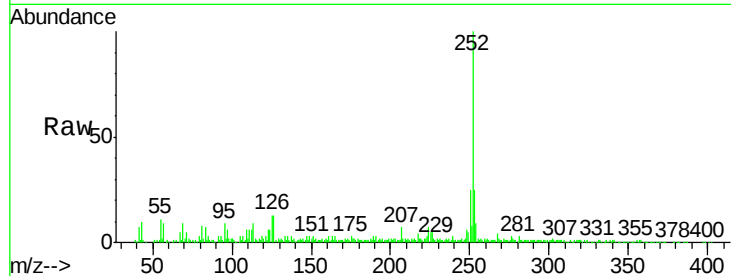
Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

Tgt Ion:	252	Resp:	272772
Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	12.7	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 23.169 ng

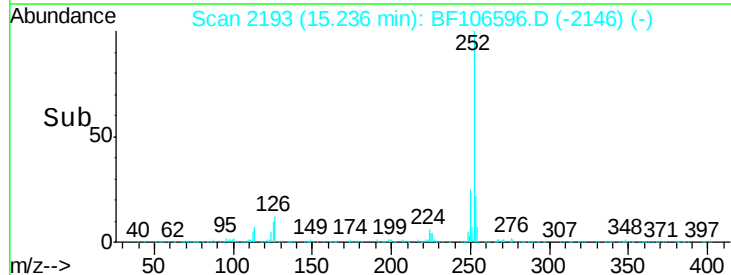
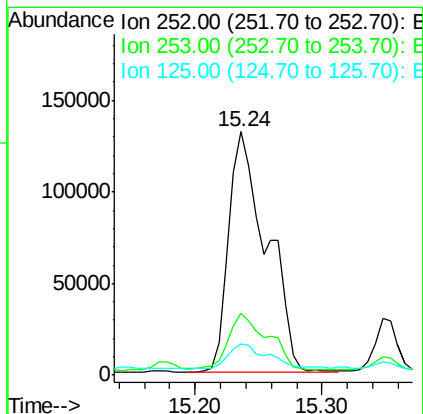
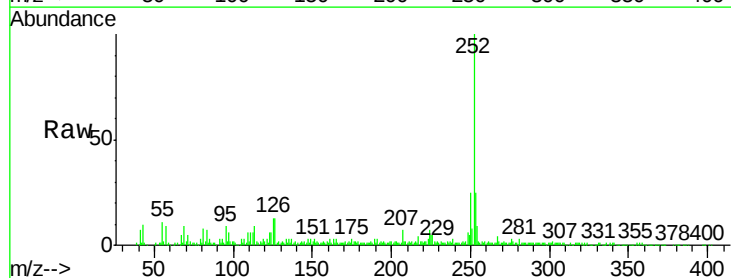
RT: 15.24 min Scan# 2193

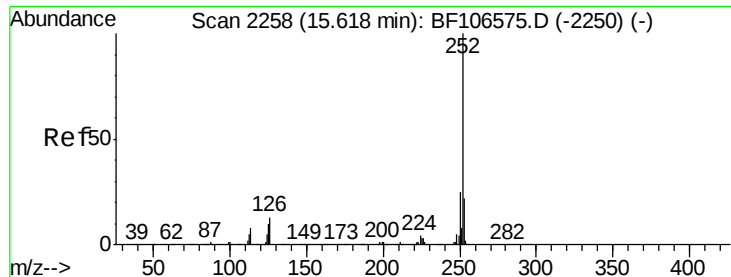
Delta R.T. -0.02 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Tgt Ion:	252	Resp:	272772
Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	12.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 13.483 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

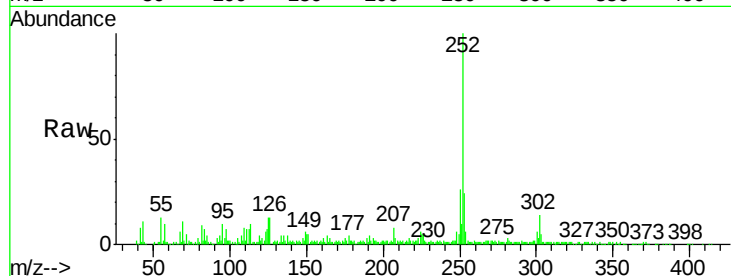
Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

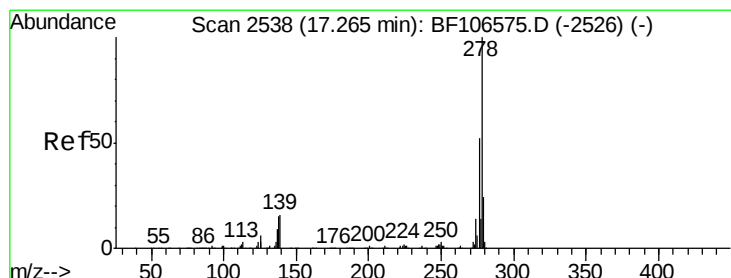
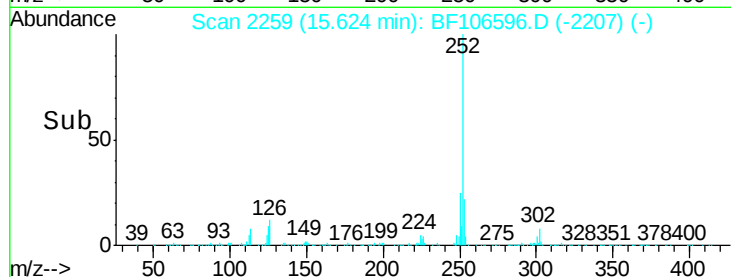
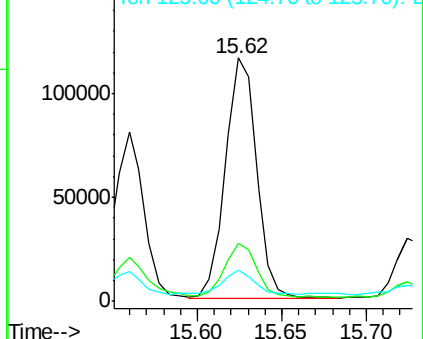
Tgt Ion:	252	Resp:	148181
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	12.6	9.8	14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 2.143 ng

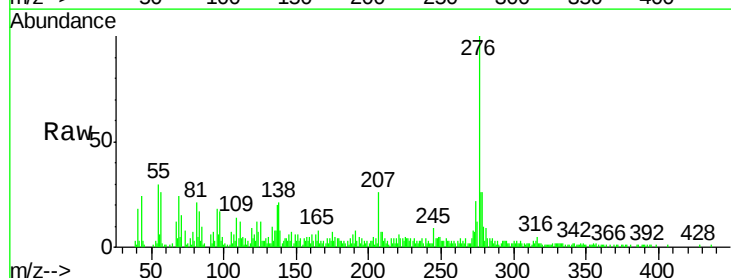
RT: 17.27 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

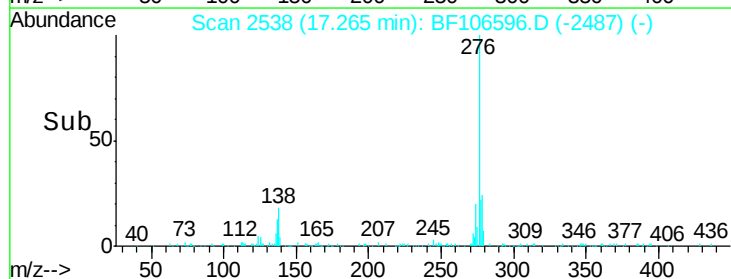
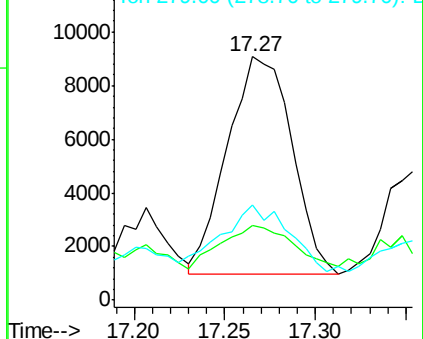
Tgt Ion:	278	Resp:	19956
Ion	Ratio	Lower	Upper
278	100		
139	30.5	15.9	23.9#
279	39.0	19.0	28.4#

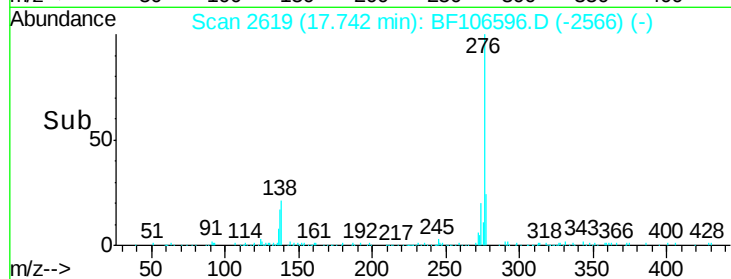
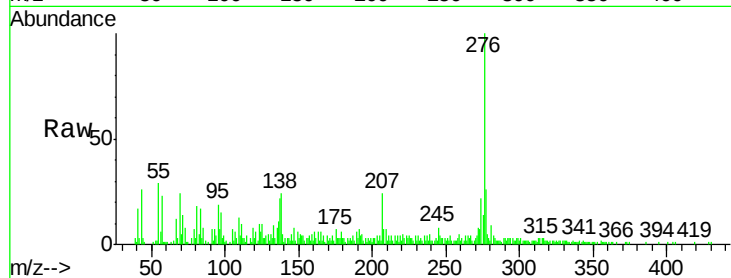
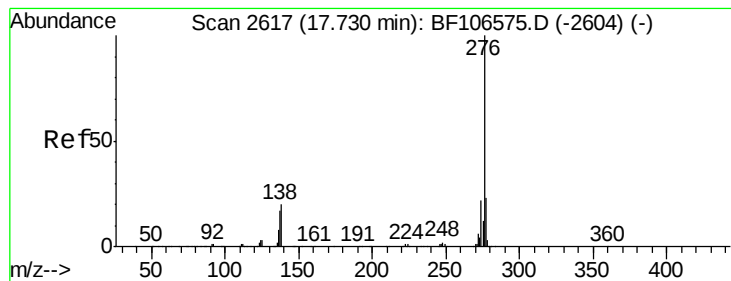


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.795 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF106596.D

Acq: 19 Jun 2018 21:37

Instrument :

BNA_F

ClientSampleId :

PL-01-061818-E

Tgt Ion: 276 Resp: 70964

Ion Ratio Lower Upper

276 100

277 26.1 17.9 26.9

138 24.0 21.8 32.8

