

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106590.D
 Acq On : 19 Jun 2018 18:55
 Operator : JU/SJ
 Sample : J3567-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

Quant Time: Jun 20 00:56:13 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	101284	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	380144	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	168192	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	271054	20.00	ng	0.00
75) Chrysene-d12	14.15	240	234802	20.00	ng	0.00
86) Perylene-d12	15.69	264	273455	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	608041	101.66	ng	0.00
7) Phenol-d6	6.60	99	754289	100.98	ng	0.00
23) Nitrobenzene-d5	7.52	82	506457	74.04	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	182393	93.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	856979	86.50	ng	0.00
78) Terphenyl-d14	13.08	244	678217	69.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	130	0.042	ng	# 1
6) Aniline	6.74	93	859	0.085	ng	# 1
9) Benzaldehyde	6.60	77	1180	0.272	ng	# 1
10) Phenol	6.61	94	4317	0.506	ng	# 68
11) bis(2-Chloroethyl)ether	6.74	93	859	0.122	ng	# 1
15) Benzyl Alcohol	7.12	79	8283	1.381	ng	# 41
19) n-Nitroso-di-n-propylamine	7.52	70	67517	13.713	ng	# 72
22) Acetophenone	7.36	105	108	0.013	ng	# 54
24) Nitrobenzene	7.52	77	1497	0.214	ng	# 37
25) Isophorone	7.52	82	506451	42.016	ng	# 64
31) Naphthalene	8.26	128	449	0.025	ng	# 68
45) 1,1'-Biphenyl	9.42	154	1615	0.120	ng	# 83
46) 2-Chloronaphthalene	9.71	162	455	0.043	ng	# 1
47) 2-Nitroaniline	9.71	65	871	0.245	ng	# 1
48) Acenaphthylene	9.87	152	289	0.017	ng	# 60
49) Dimethylphthalate	9.71	163	92345	7.320	ng	# 99
50) 2,6-Dinitrotoluene	9.71	165	1060	0.397	ng	# 1
51) Acenaphthene	10.00	154	555	0.053	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	21100	6.052	ng	# 23
57) Fluorene	10.79	166	7139	0.626	ng	# 94
59) Diethylphthalate	10.41	149	652	0.054	ng	# 61
62) Azobenzene	10.79	77	865	0.072	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	387	0.231	ng	# 39
65) n-Nitrosodiphenylamine	10.79	169	5090	0.558	ng	# 45
66) 4-Bromophenyl-phenylether	10.80	248	11977	3.702	ng	# 1
70) Phenanthrene	11.52	178	1033	0.079	ng	# 76
71) Anthracene	11.57	178	252	0.019	ng	# 60
73) Di-n-butylphthalate	12.04	149	2876	0.195	ng	# 94
74) Fluoranthene	12.71	202	2336	0.162	ng	# 94
76) Benzydine	13.08	184	8430	1.261	ng	# 91
77) Pyrene	12.71	202	2336	0.151	ng	# 97
79) Butylbenzylphthalate	13.55	149	130	0.020	ng	# 69
80) Benzo(a)anthracene	14.14	228	3513	0.245	ng	# 81
82) Chrysene	14.17	228	2084	0.158	ng	# 92

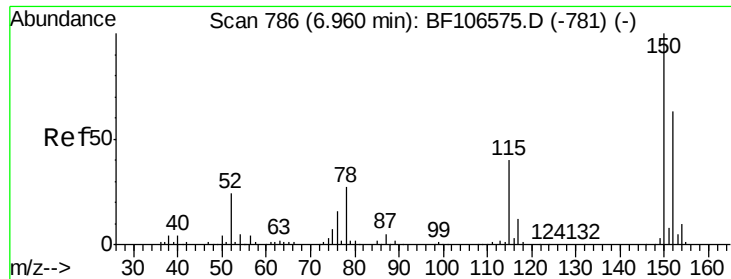
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106590.D
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	14.11	149	1519	0.187	ng	# 92
84) Di-n-octyl phthalate	14.78	149	1168	0.088	ng	# 21
85) Indeno(1,2,3-cd)pyrene	17.26	276	1748	0.156	ng	# 56
87) Benzo(b)fluoranthene	15.24	252	5080	0.299	ng	# 74
88) Benzo(k)fluoranthene	15.24	252	5080	0.314	ng	# 77
89) Benzo(a)pyrene	15.62	252	2822	0.187	ng	# 58
90) Dibenzo(a,h)anthracene	17.27	278	228	0.018	ng	# 54
91) Benzo(g,h,i)perylene	17.72	276	2374	0.190	ng	# 92

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

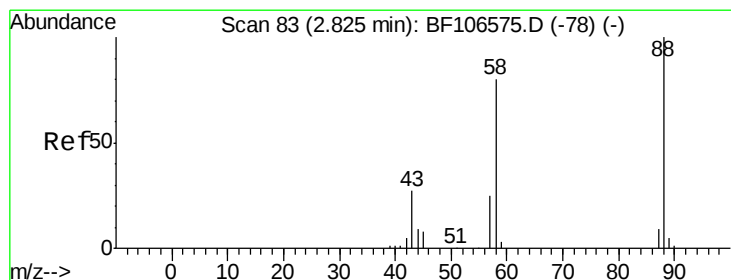
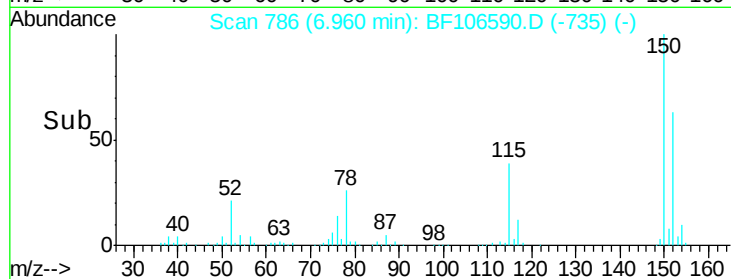
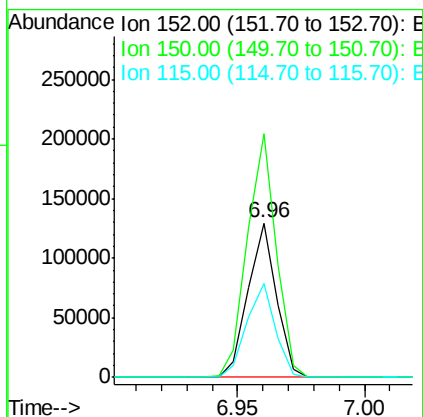
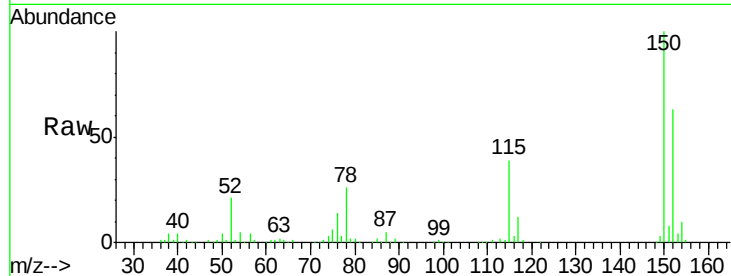


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Instrument :
BNA_F
ClientSampleId :
TP-5-S

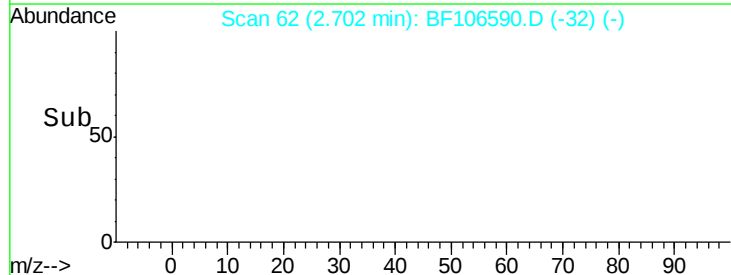
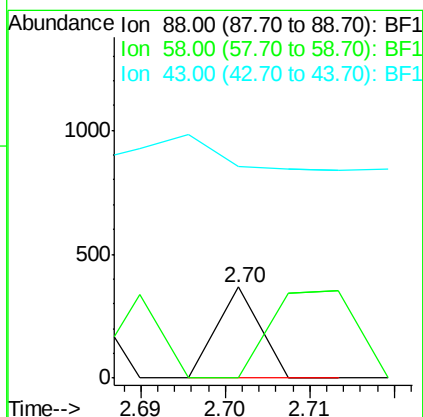
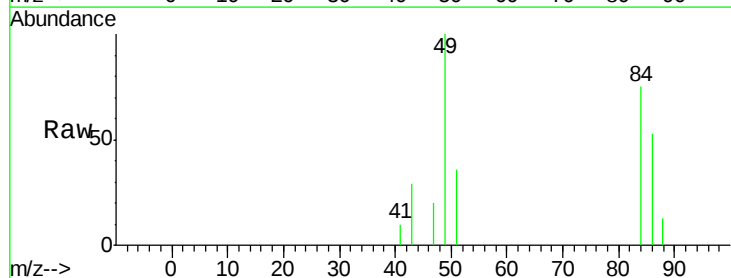
Tgt Ion:152 Resp: 101284
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.9 50.1 75.1

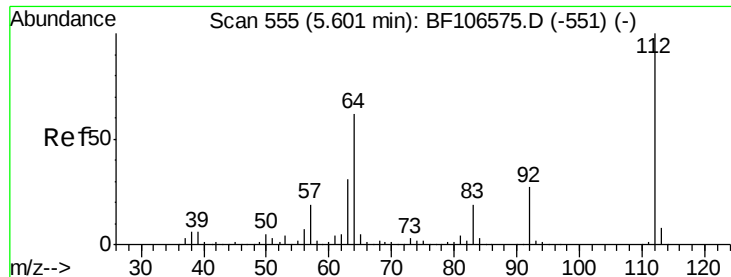


#2

1,4-Dioxane
Concen: 0.042 ng
RT: 2.70 min Scan# 62
Delta R.T. -0.12 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
58 188.5 62.6 93.8#
43 0.0 24.6 37.0#





#5

2-Fluorophenol

Concen: 101.655 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

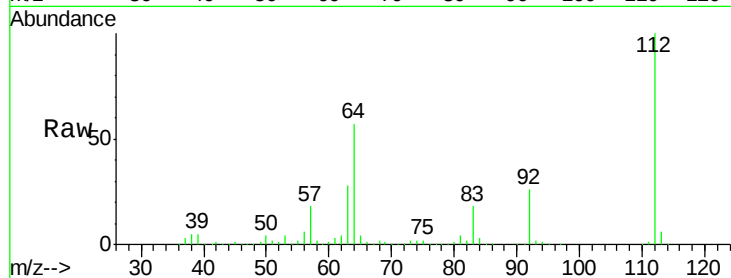
Tgt Ion: 112 Resp: 608041

Ion Ratio Lower Upper

112 100

64 56.8 47.9 71.9

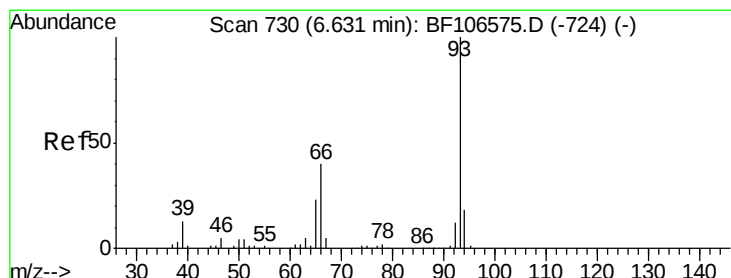
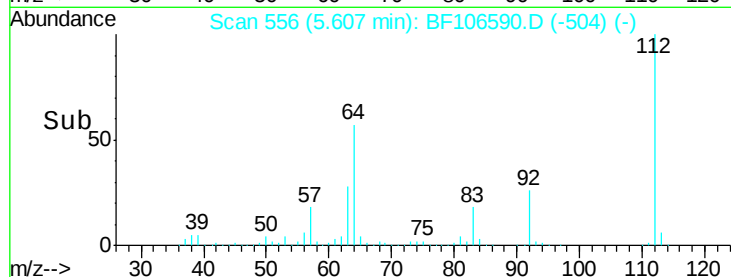
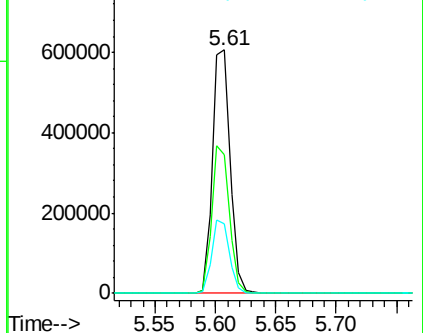
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.085 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.11 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

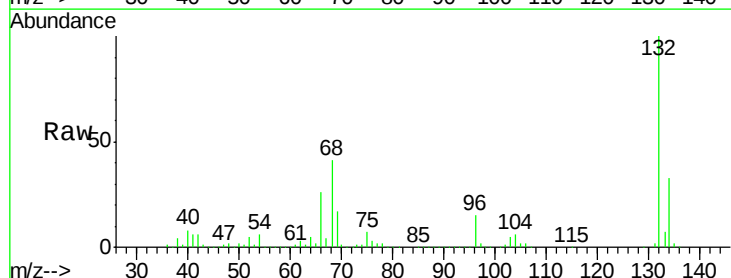
Tgt Ion: 93 Resp: 859

Ion Ratio Lower Upper

93 100

66 18511.3 32.2 48.2#

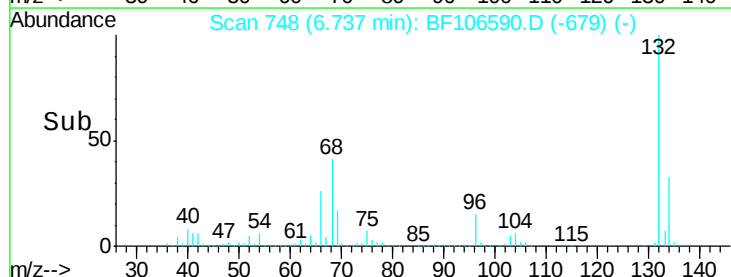
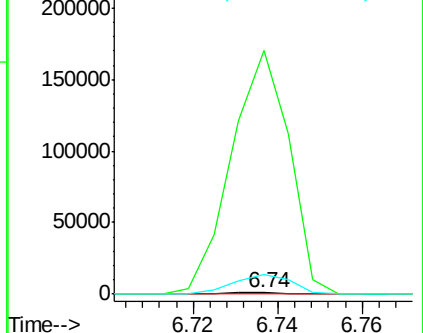
65 1467.2 16.4 24.6#

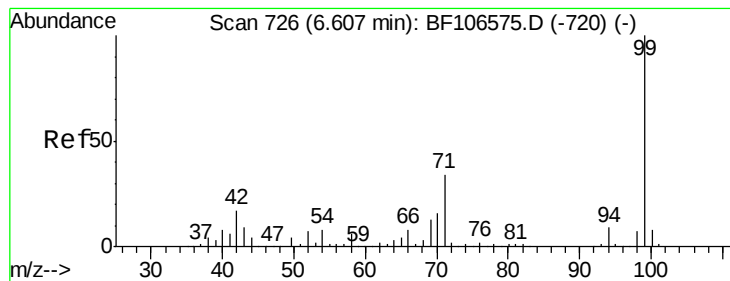


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.981 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

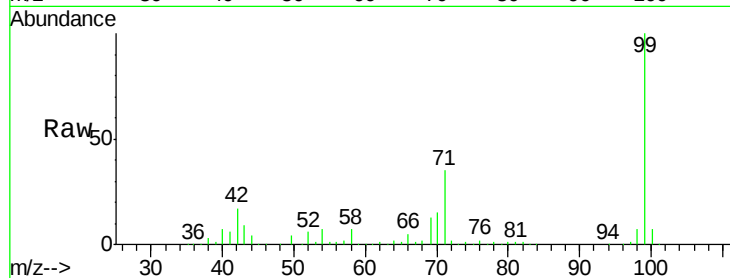
Tgt Ion: 99 Resp: 754289

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

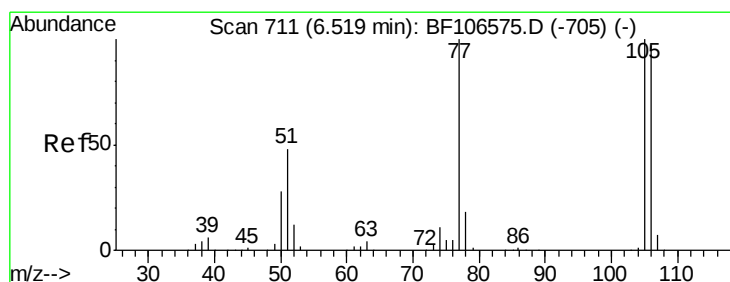
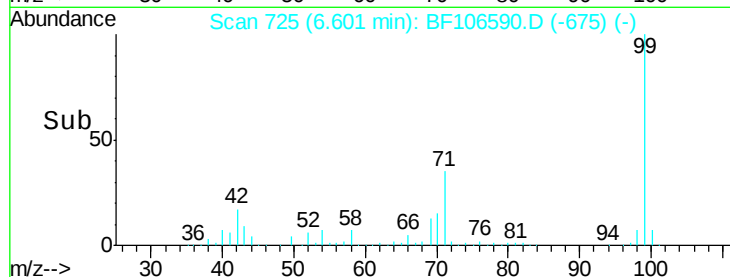
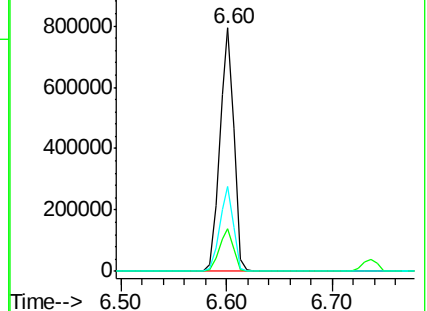
71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.272 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.08 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

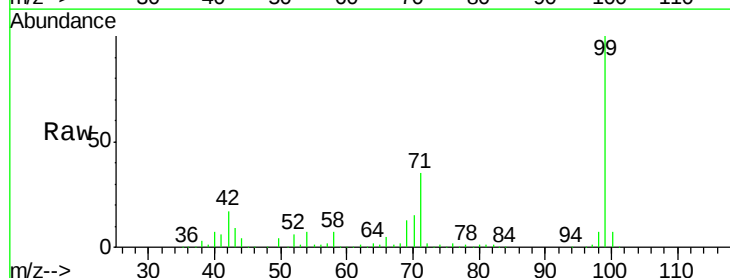
Tgt Ion: 77 Resp: 1180

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

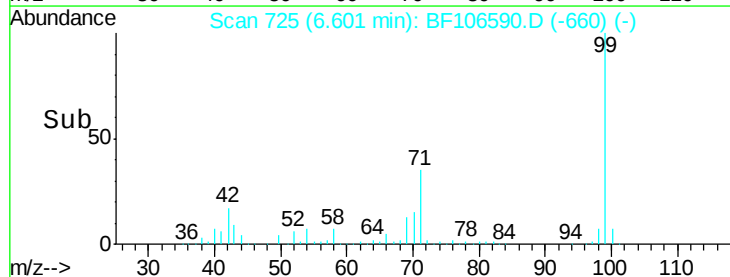
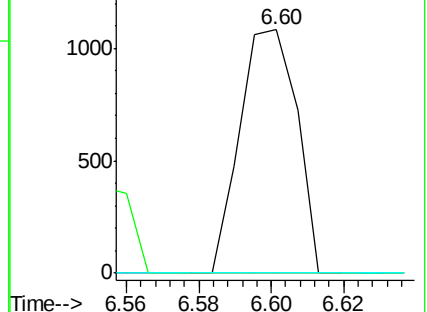
106 0.0 74.5 114.5#

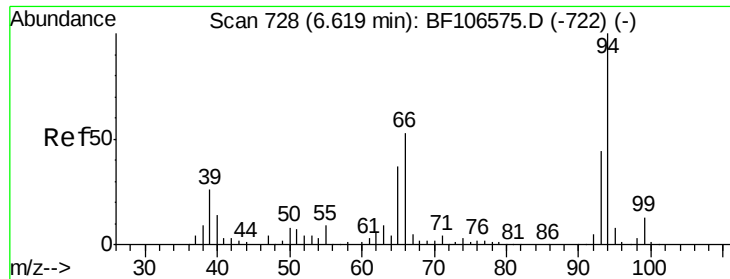


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

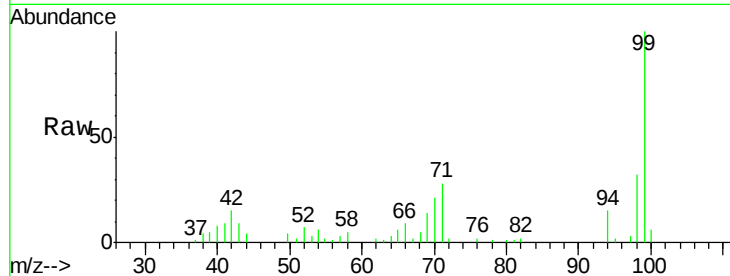




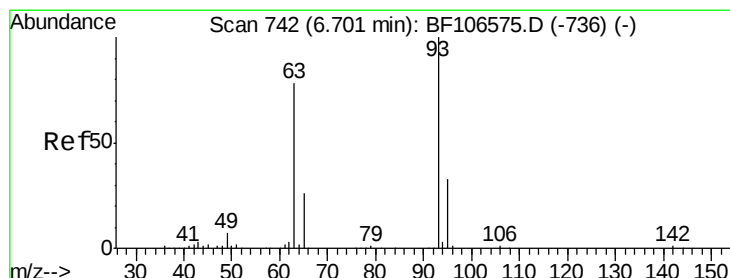
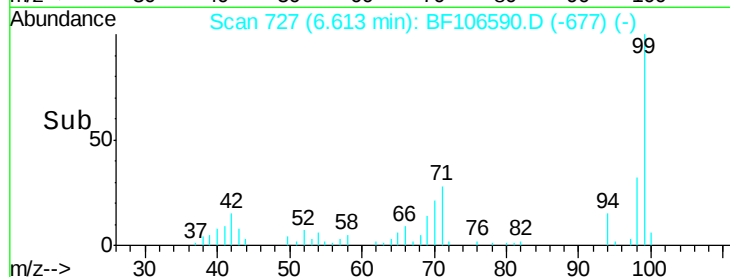
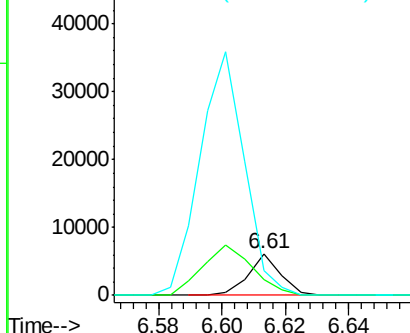
#10
Phenol
Concen: 0.506 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tgt Ion: 94 Resp: 4317
Ion Ratio Lower Upper
94 100
65 38.1 7.9 47.9
66 60.6 16.2 56.2#

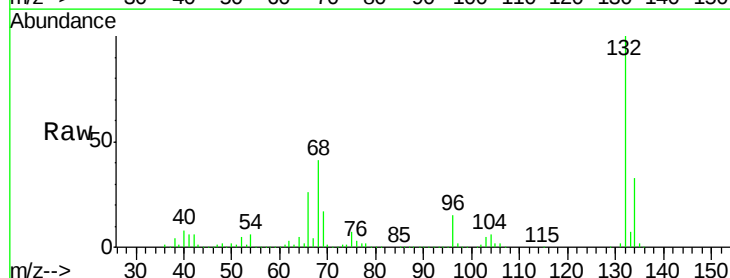


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

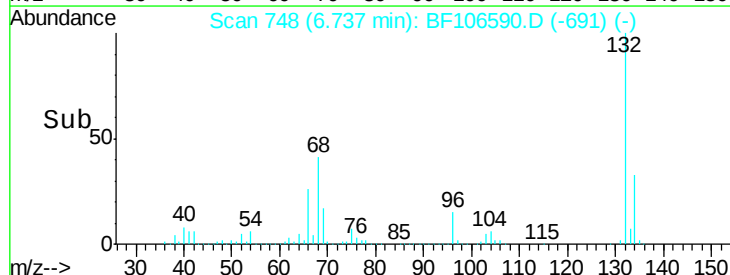
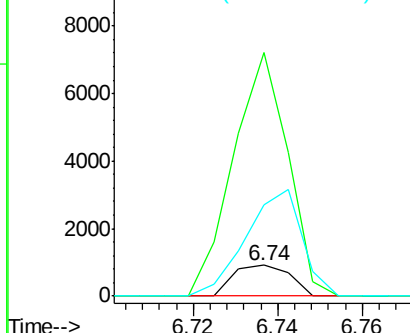


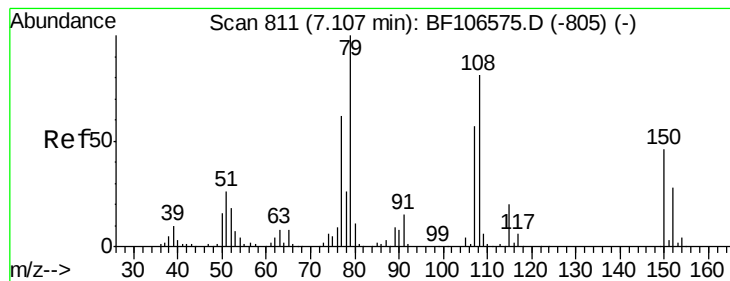
#11
bis(2-Chloroethyl)ether
Concen: 0.122 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.04 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion: 93 Resp: 859
Ion Ratio Lower Upper
93 100
63 783.8 58.6 98.6#
95 294.6 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.381 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

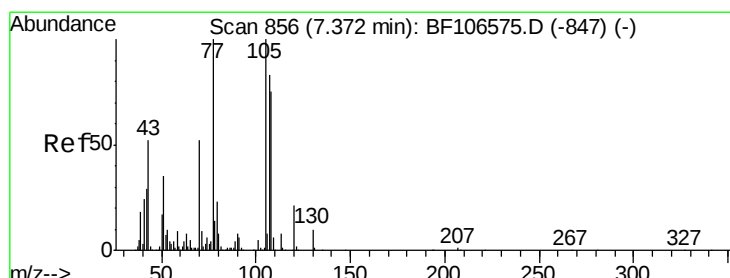
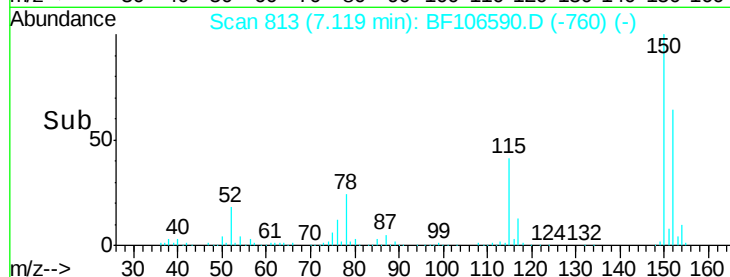
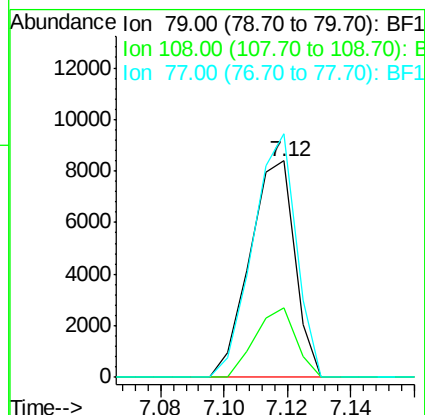
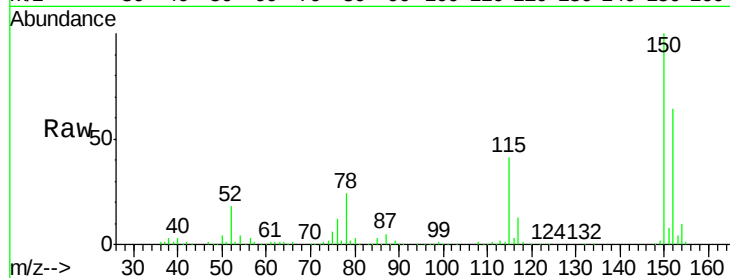
Tgt Ion: 79 Resp: 8283

Ion Ratio Lower Upper

79 100

108 32.2 65.1 97.7#

77 112.7 50.6 75.8#



#19

n-Nitroso-di-n-propylamine

Concen: 13.713 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Tgt Ion: 70 Resp: 67517

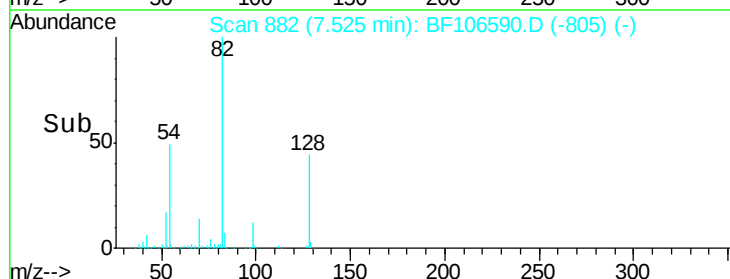
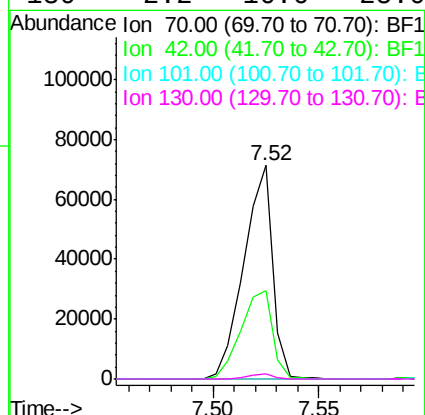
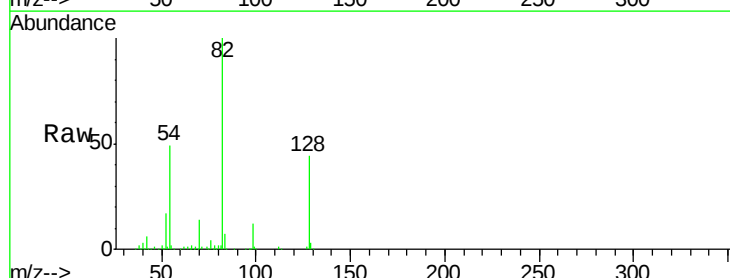
Ion Ratio Lower Upper

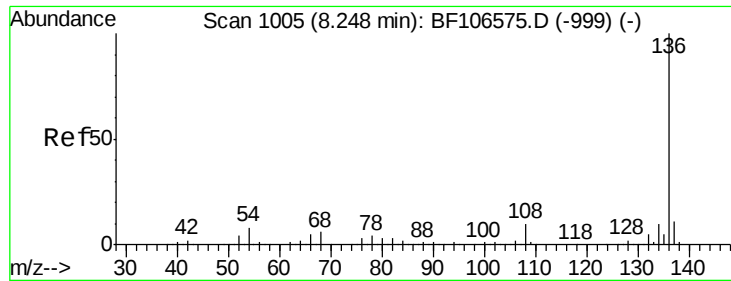
70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

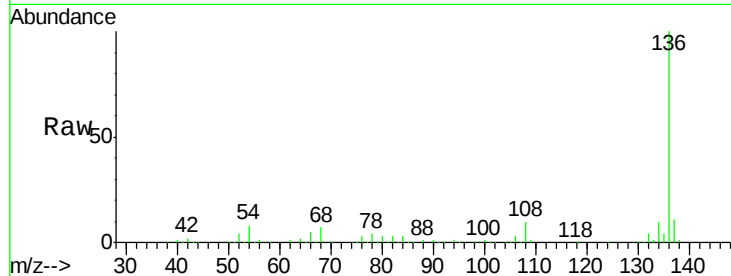




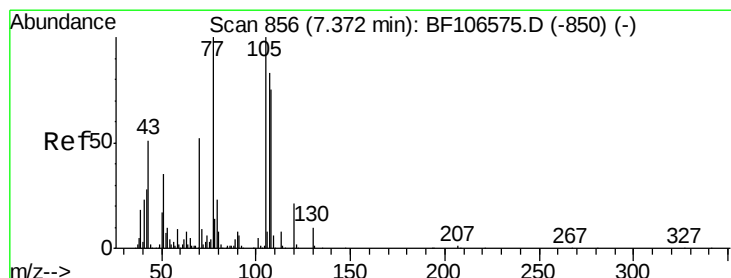
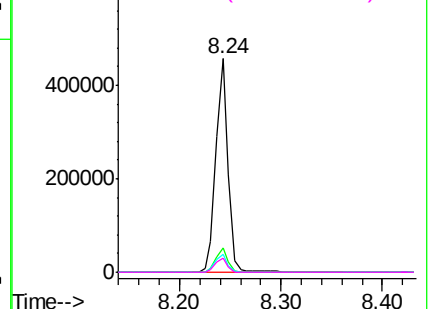
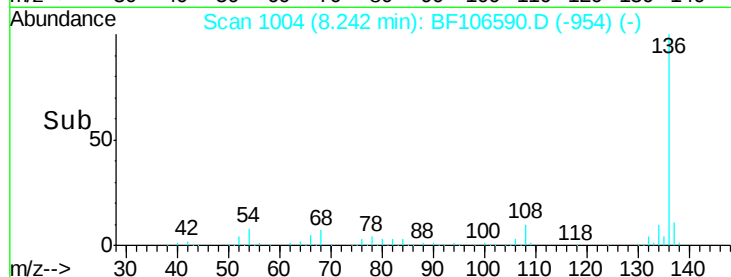
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tgt Ion:136 Resp: 380144
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.3 6.6 9.8
68 6.8 5.0 7.4

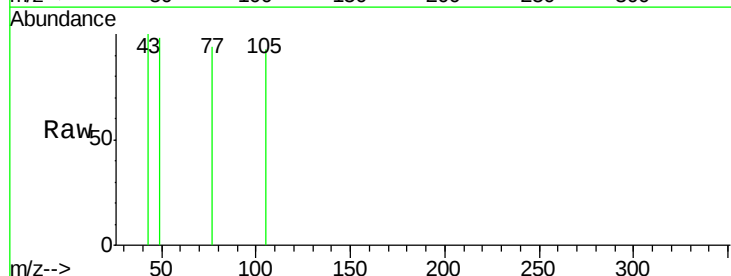


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

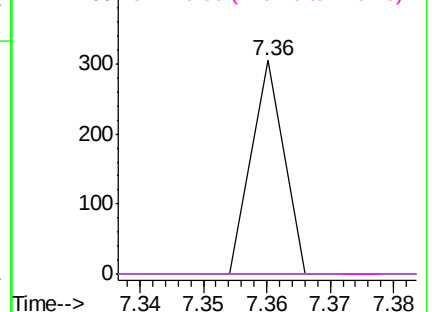
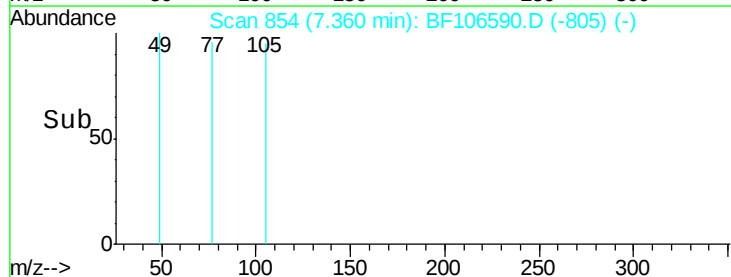


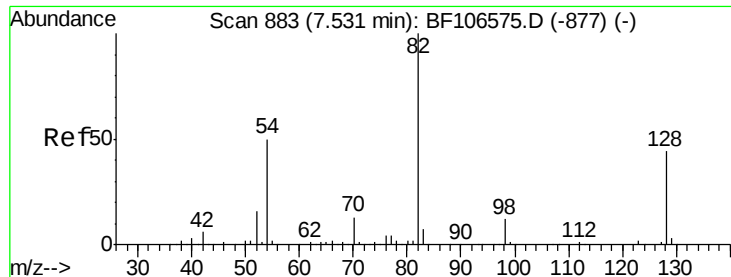
#22
Acetophenone
Concen: 0.013 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion:105 Resp: 108
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 0.0 22.3 33.5#
120 0.0 16.9 25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

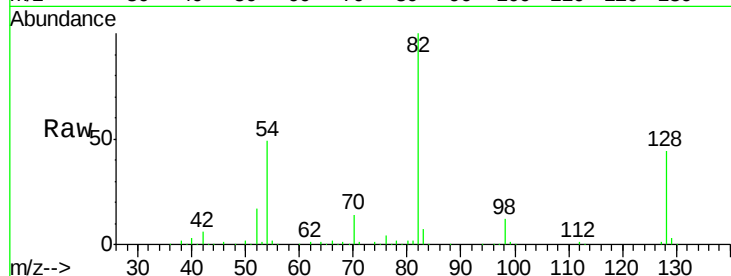




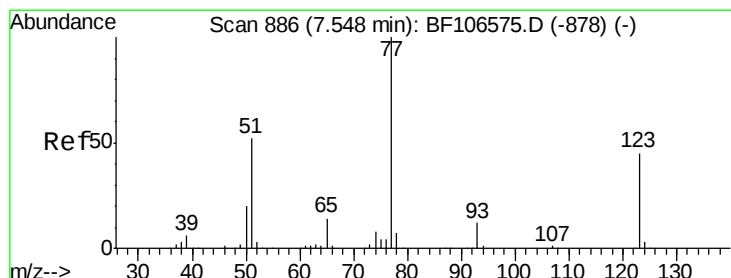
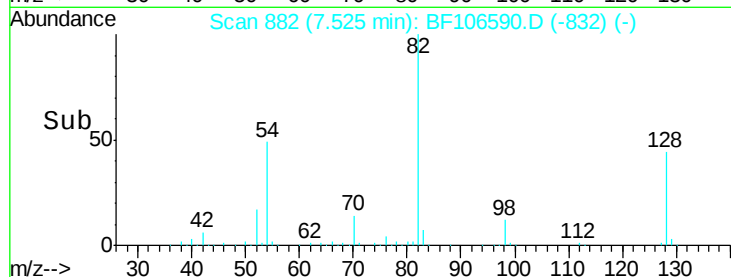
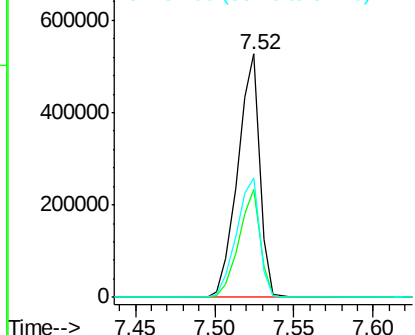
#23
 Nitrobenzene-d5
 Concen: 74.039 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

Tgt Ion: 82 Resp: 506457
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 49.2 41.4 62.2

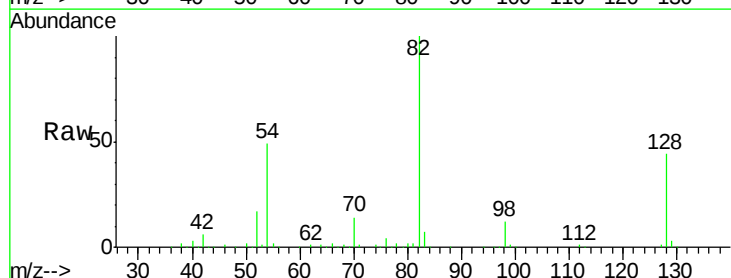


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

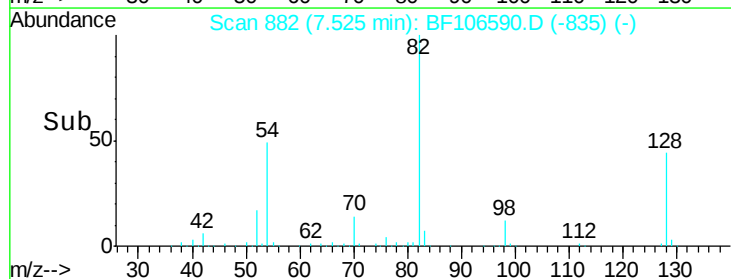
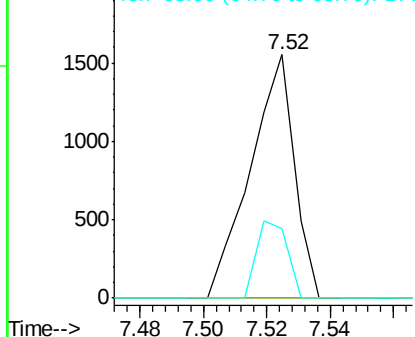


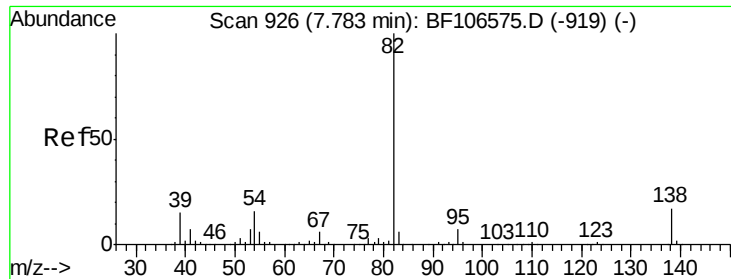
#24
 Nitrobenzene
 Concen: 0.214 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

Tgt Ion: 77 Resp: 1497
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 28.5 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: 42.016 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

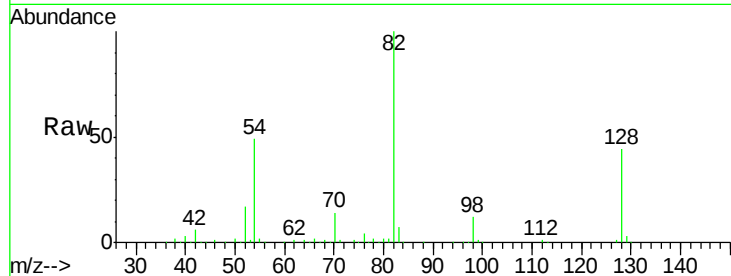
Tgt Ion: 82 Resp: 506451

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

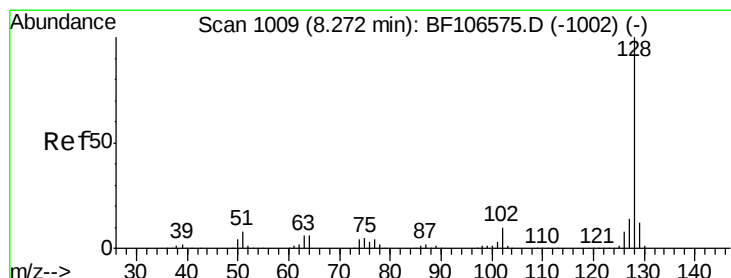
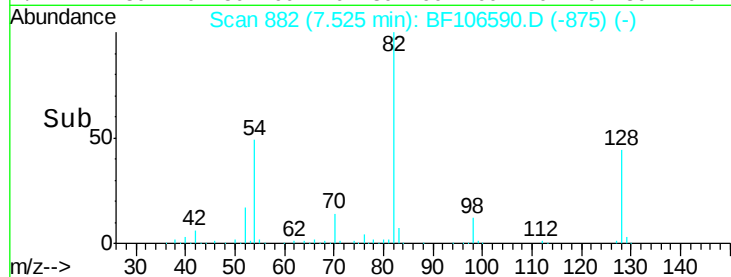
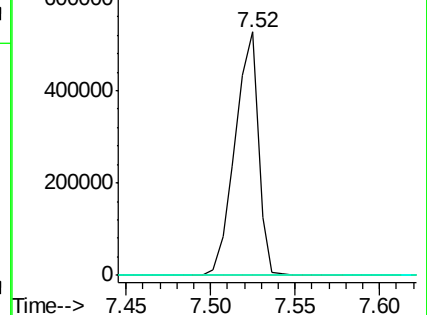
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 0.025 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

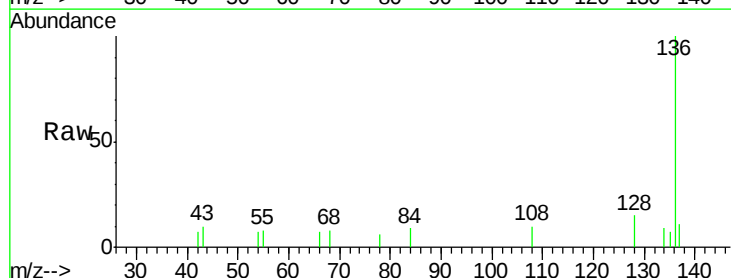
Tgt Ion: 128 Resp: 449

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

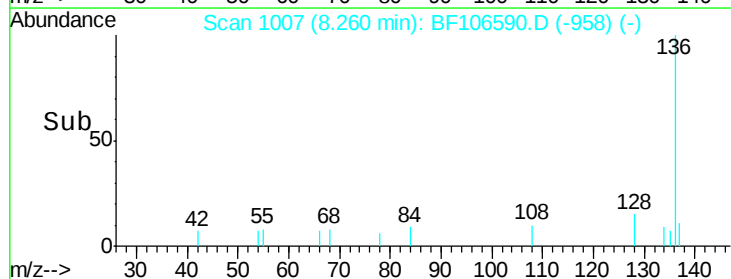
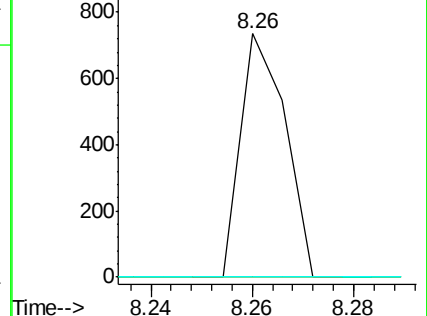
127 0.0 10.9 16.3#

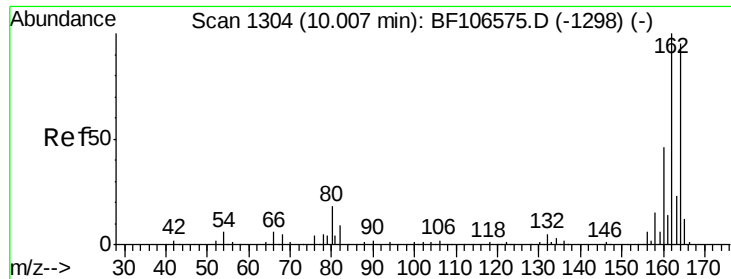


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

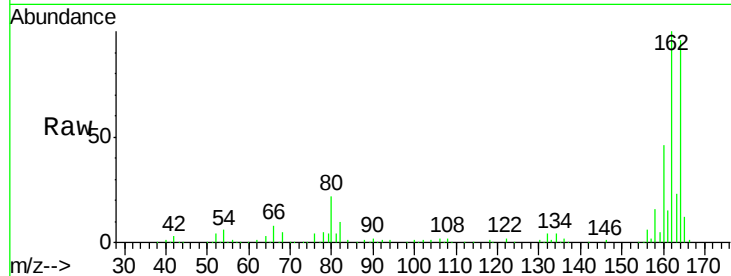
Tgt Ion:164 Resp: 168192

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

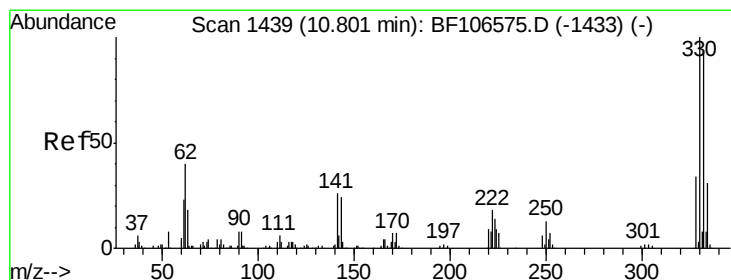
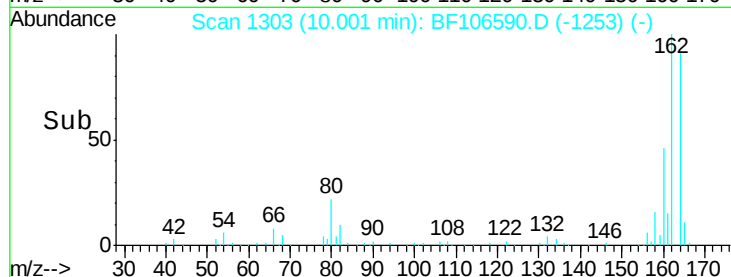
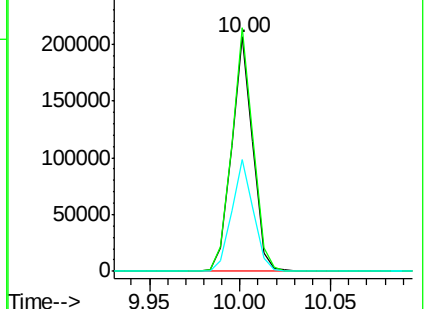
160 47.5 38.3 57.5



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: 93.564 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

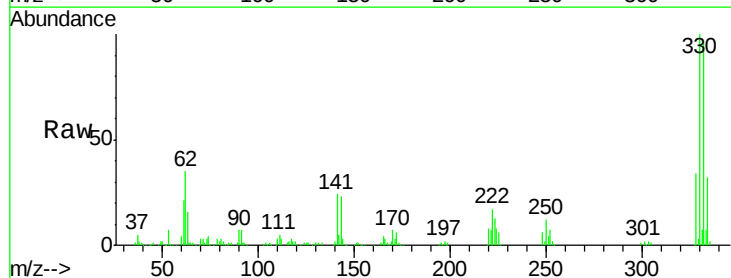
Tgt Ion:330 Resp: 182393

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

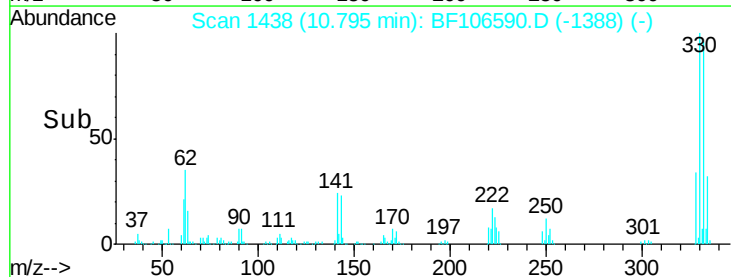
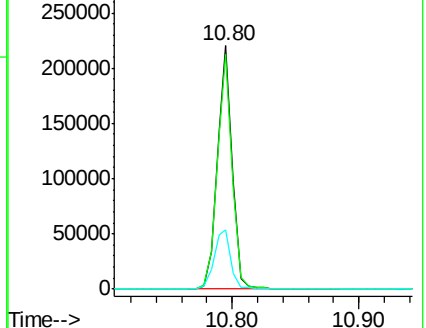
141 27.4 29.9 44.9#

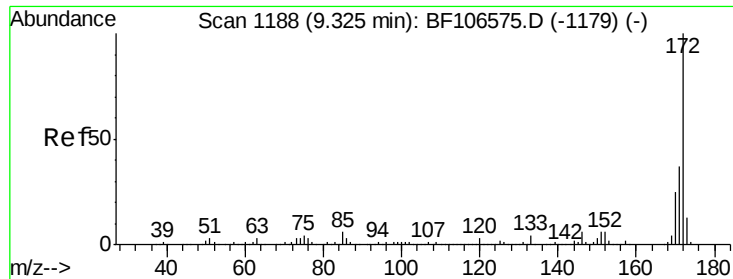


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

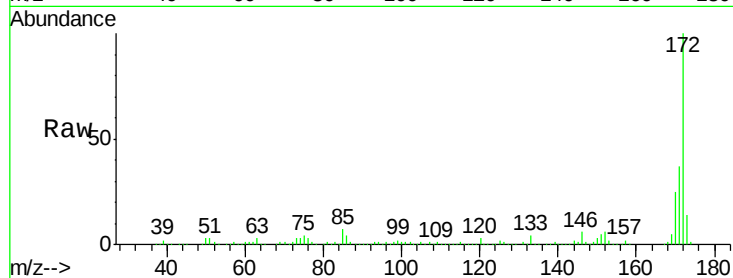




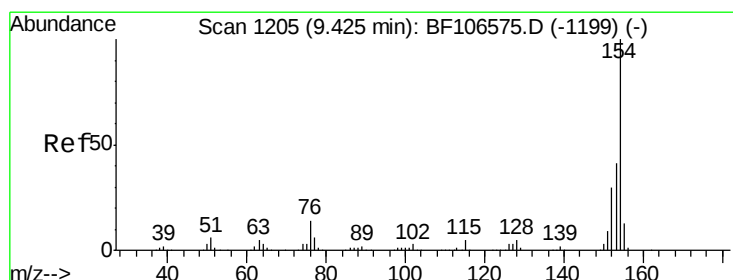
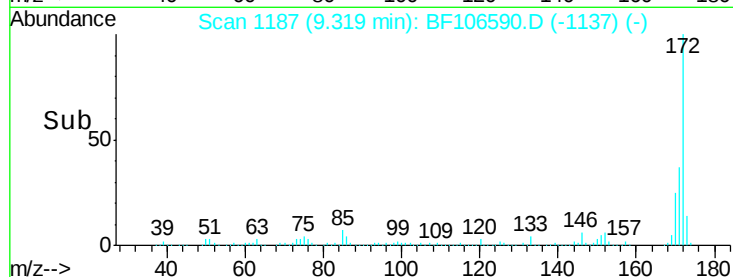
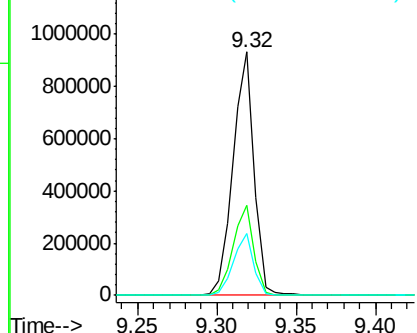
#44
 2-Fluorobiphenyl
 Concen: 86.504 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

Tgt Ion:172 Resp: 856979
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 25.4 19.6 29.4

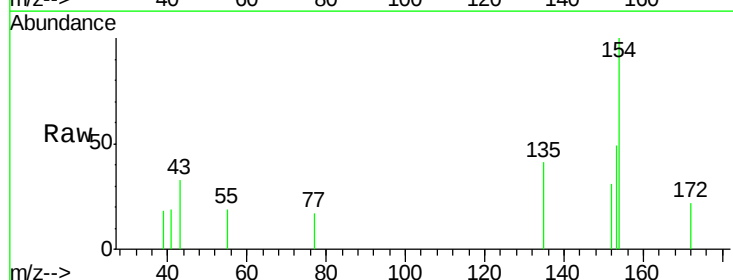


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

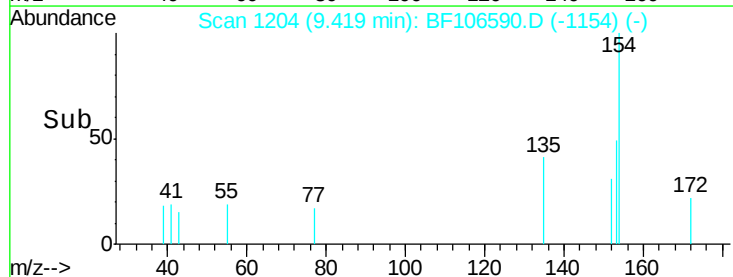
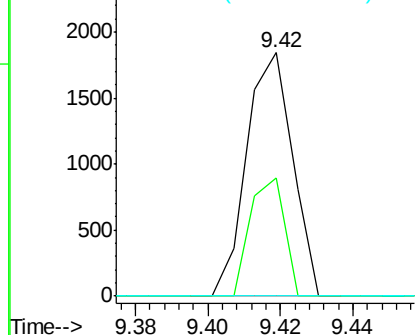


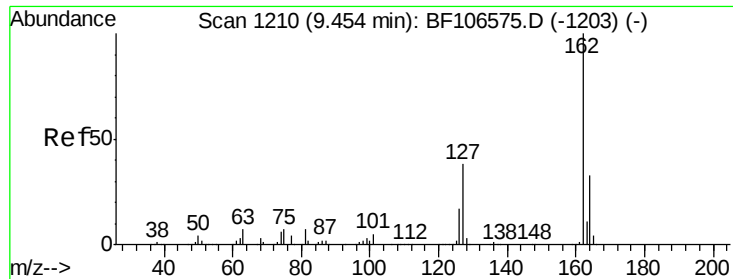
#45
 1,1'-Biphenyl
 Concen: 0.120 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

Tgt Ion:154 Resp: 1615
 Ion Ratio Lower Upper
 154 100
 153 48.6 21.3 61.3
 76 0.0 0.0 34.0



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

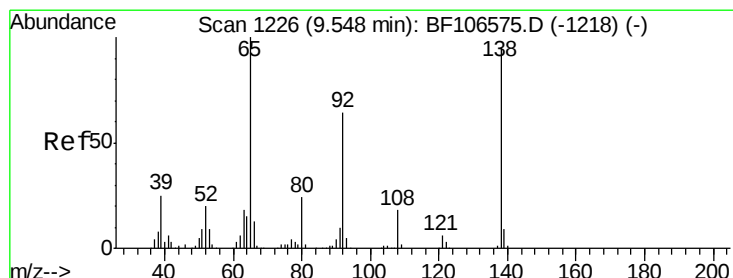
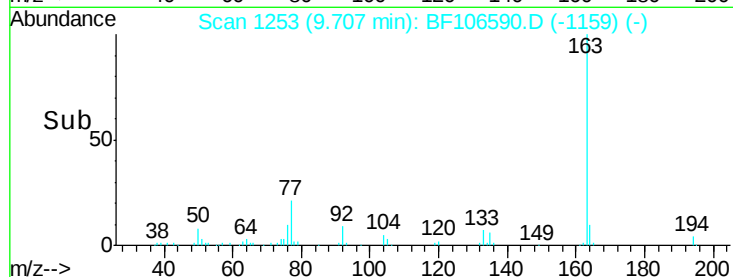
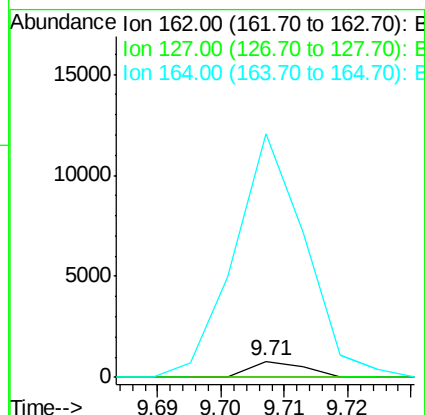
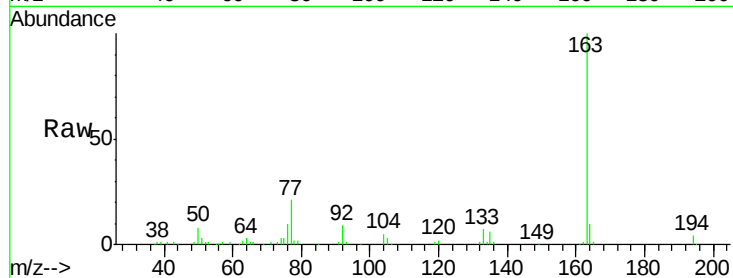




#46
2-Chloronaphthalene
Concen: 0.043 ng
RT: 9.71 min Scan# 1253
Delta R.T. 0.25 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

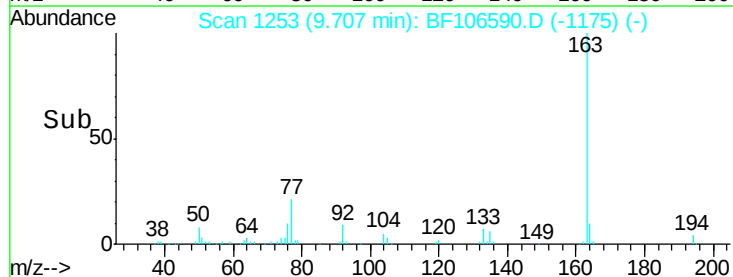
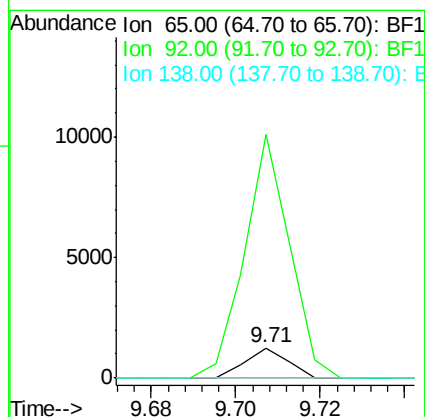
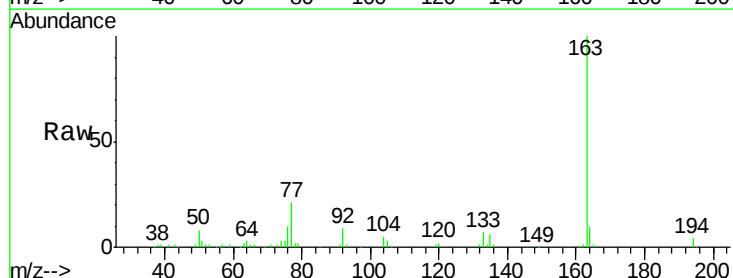
Instrument :
BNA_F
ClientSampleId :
TP-5-S

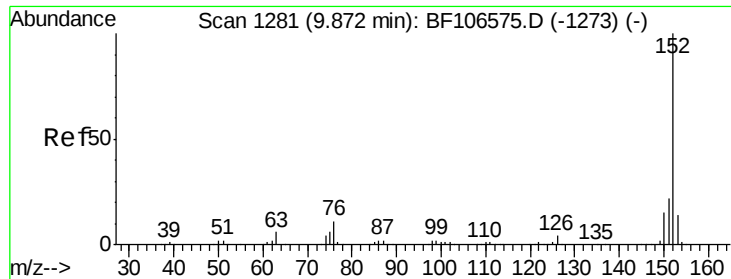
Tgt Ion: 162 Resp: 455
Ion Ratio Lower Upper
162 100
127 0.0 33.9 50.9#
164 1547.2 26.5 39.7#



#47
2-Nitroaniline
Concen: 0.245 ng
RT: 9.71 min Scan# 1253
Delta R.T. 0.16 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion: 65 Resp: 871
Ion Ratio Lower Upper
65 100
92 815.3 55.8 83.6#
138 0.0 91.2 136.8#





#48

Acenaphthylene

Concen: 0.017 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

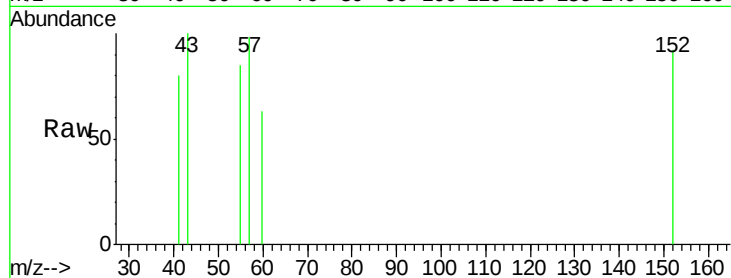
Tgt Ion:152 Resp: 289

Ion Ratio Lower Upper

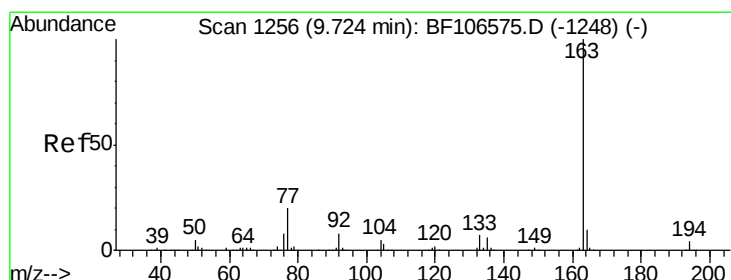
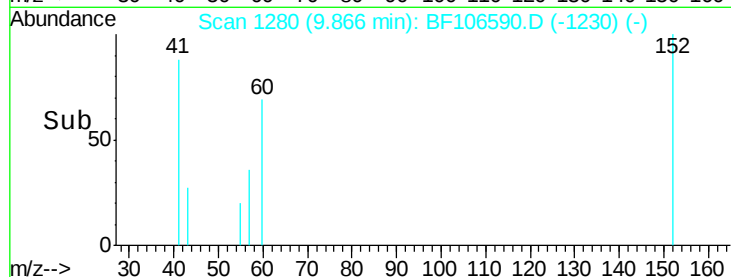
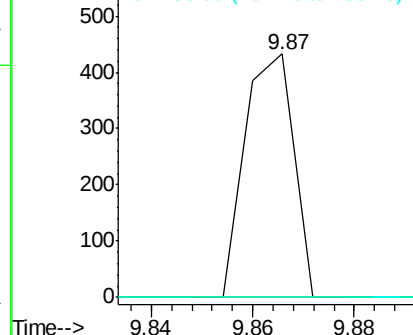
152 100

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: 7.320 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

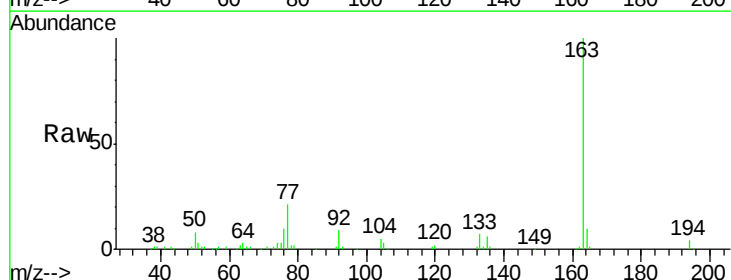
Tgt Ion:163 Resp: 92345

Ion Ratio Lower Upper

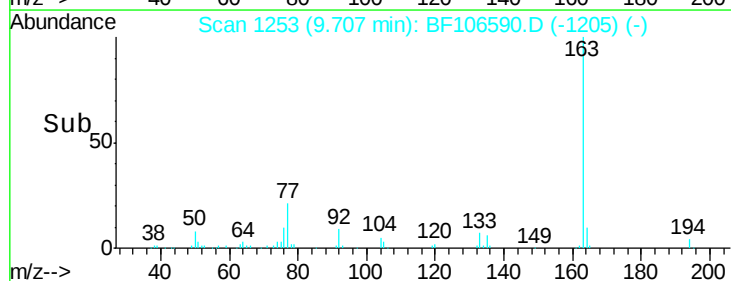
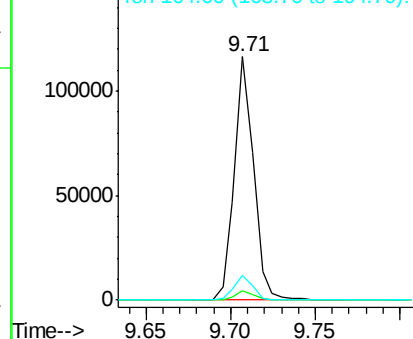
163 100

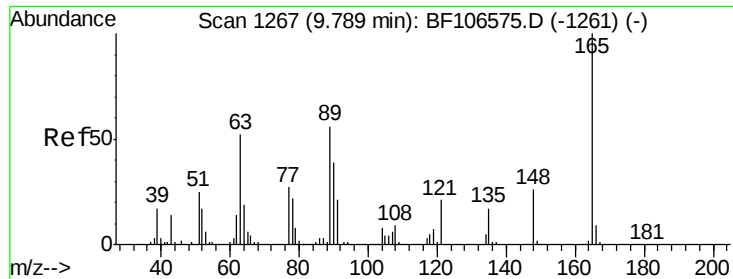
194 3.7 2.7 4.1

164 10.3 8.2 12.2



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

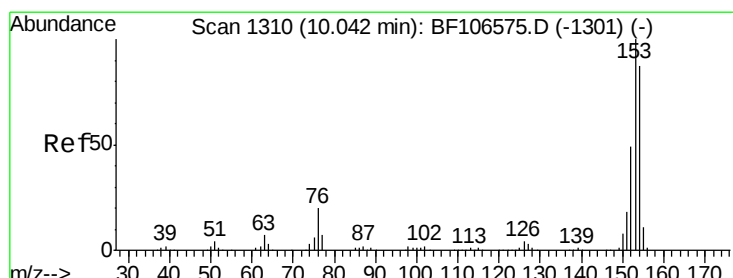
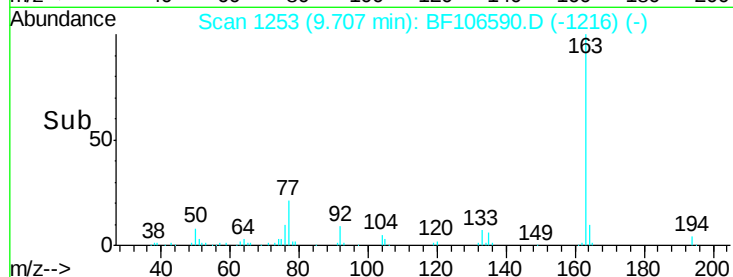
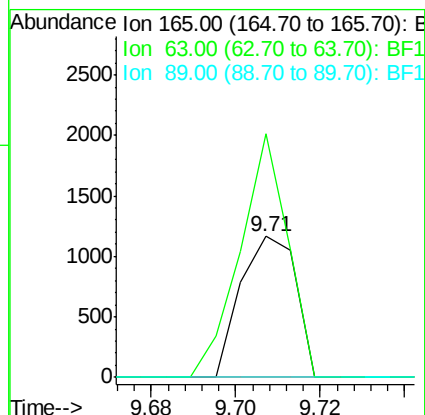
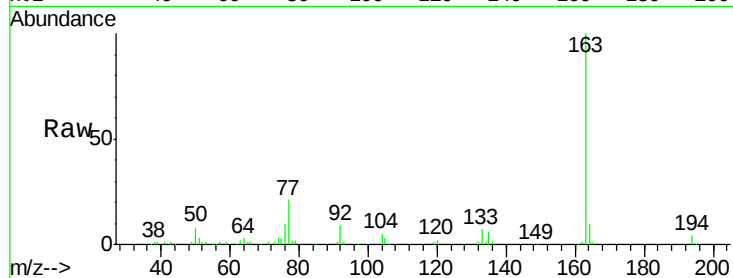




#50
2,6-Dinitrotoluene
Concen: 0.397 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.08 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

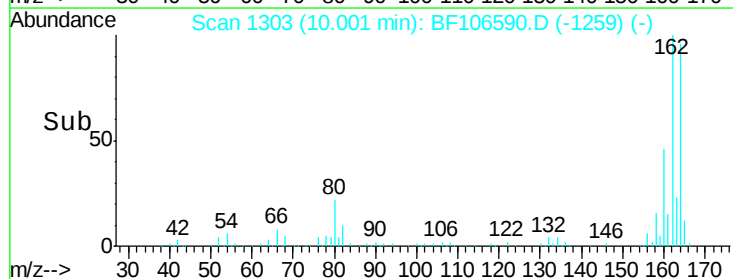
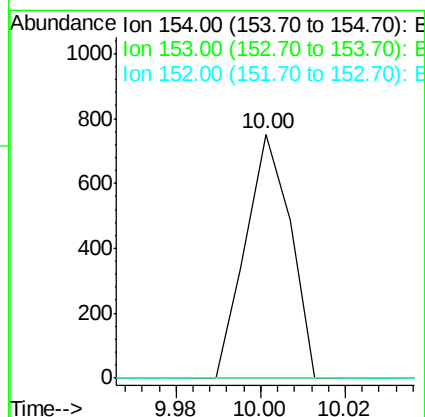
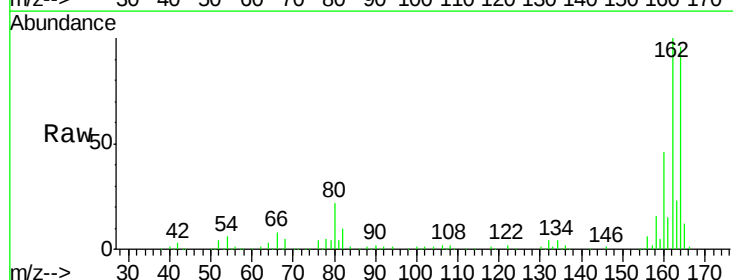
Instrument :
BNA_F
ClientSampled :
TP-5-S

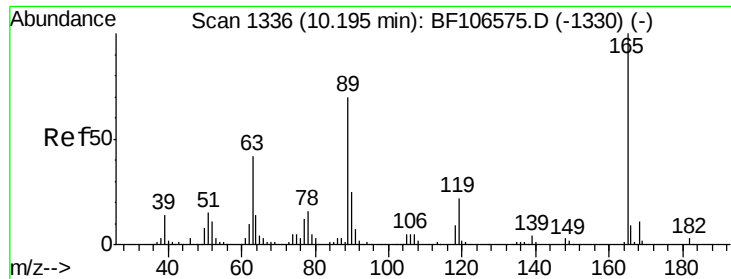
Tgt Ion:165 Resp: 1060
Ion Ratio Lower Upper
165 100
63 172.5 44.7 67.1#
89 0.0 44.0 66.0#



#51
Acenaphthene
Concen: 0.053 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion:154 Resp: 555
Ion Ratio Lower Upper
154 100
153 0.0 91.2 136.8#
152 0.0 43.8 65.8#

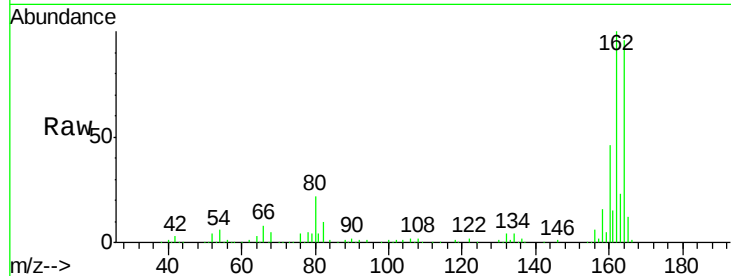




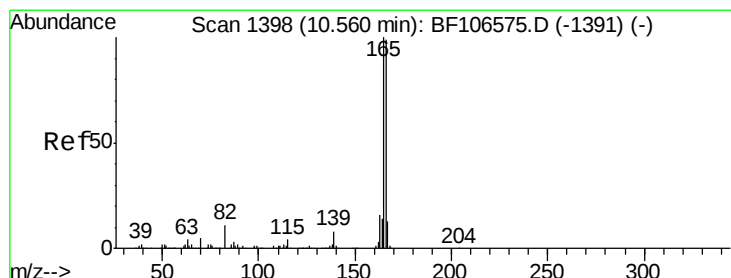
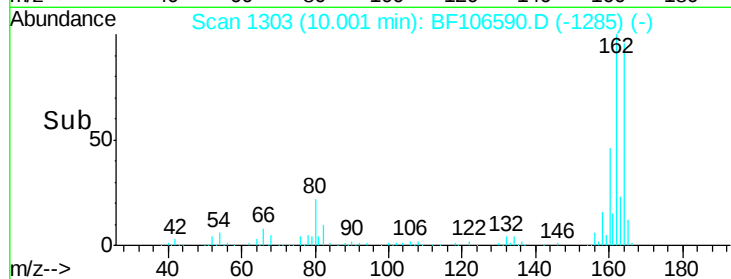
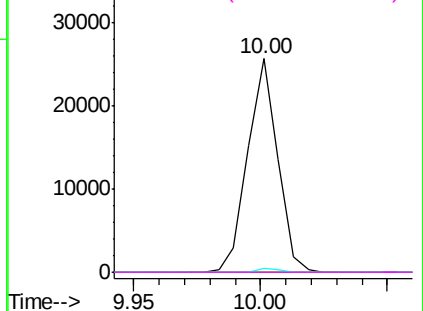
#56
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tgt Ion:	165	Resp:	21100
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

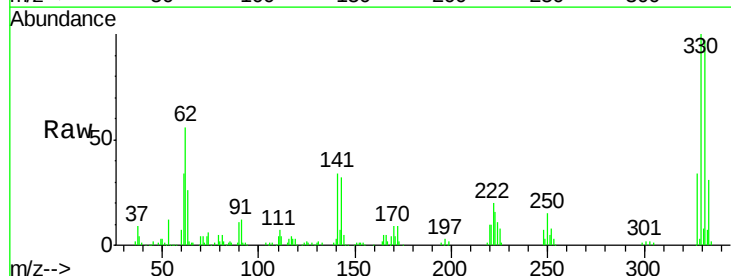


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

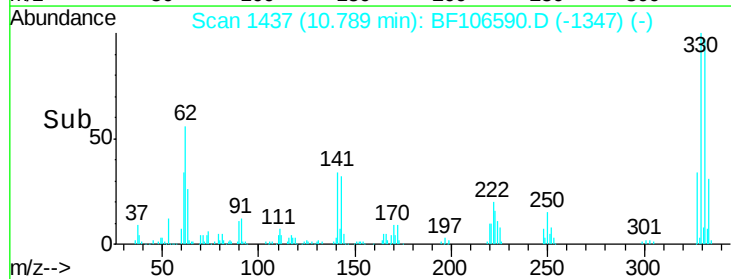
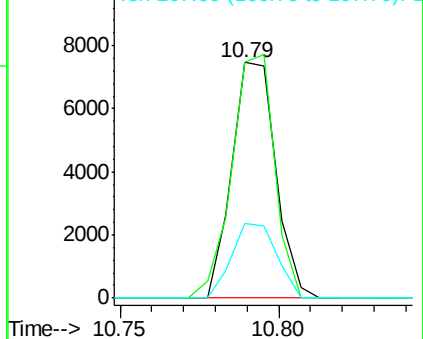


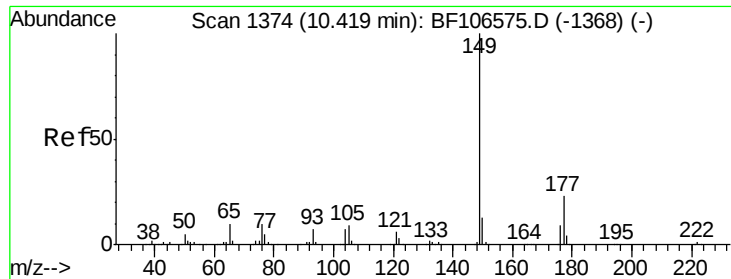
#57
Fluorene
Concen: 0.626 ng
RT: 10.79 min Scan# 1437
Delta R.T. 0.23 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion:	166	Resp:	7139
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.8	119.8
167	31.9	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

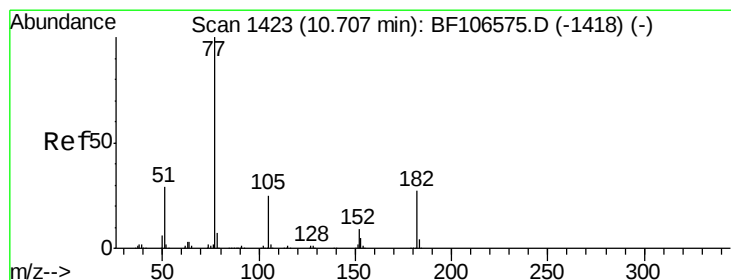
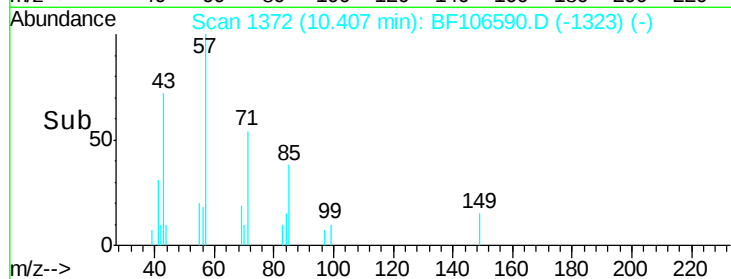
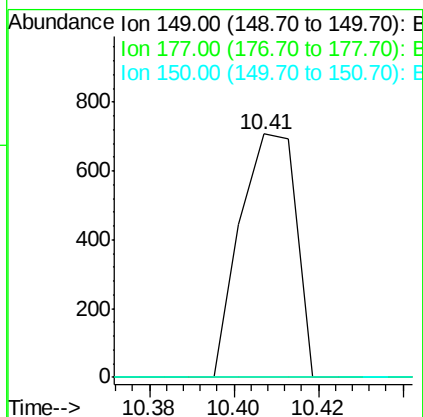
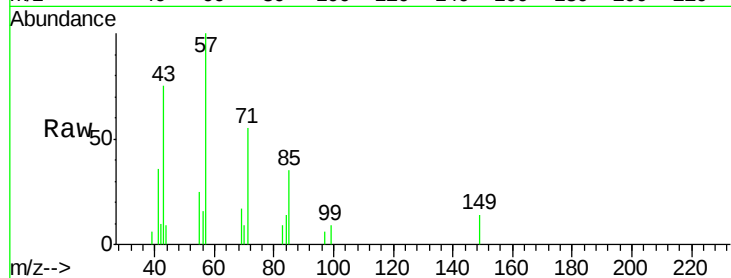




#59
Diethylphthalate
Concen: 0.054 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

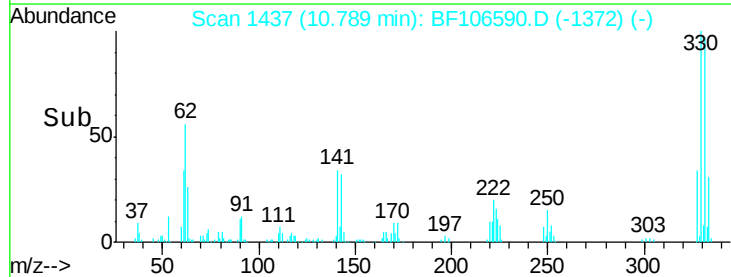
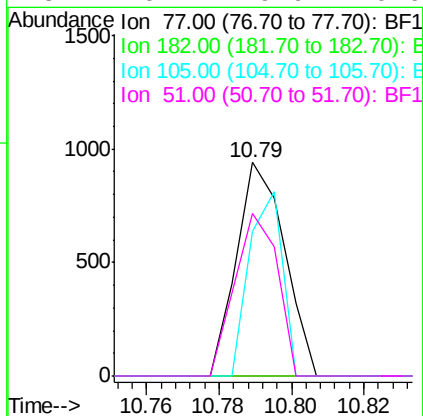
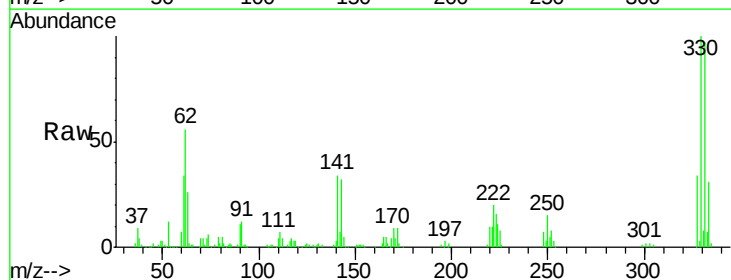
Instrument :
BNA_F
ClientSampleId :
TP-5-S

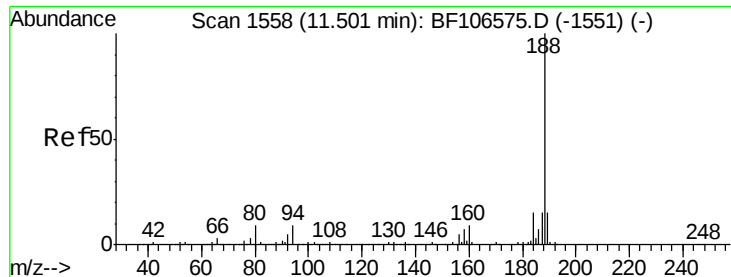
Tgt Ion: 149 Resp: 652
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.072 ng
RT: 10.79 min Scan# 1437
Delta R.T. 0.08 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion: 77 Resp: 865
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 68.0 3.0 43.0#
51 76.1 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

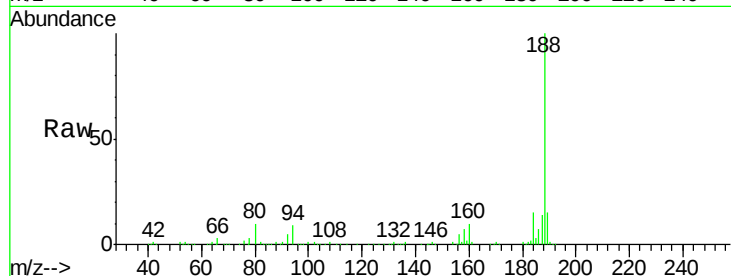
Tgt Ion:188 Resp: 271054

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

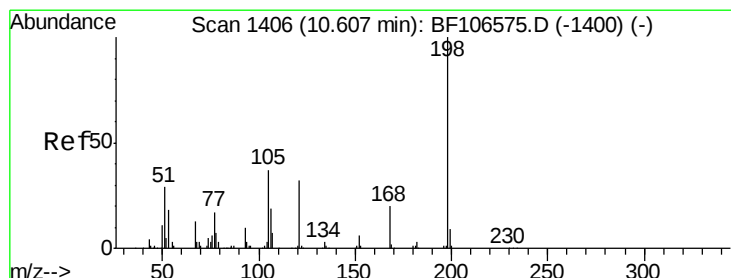
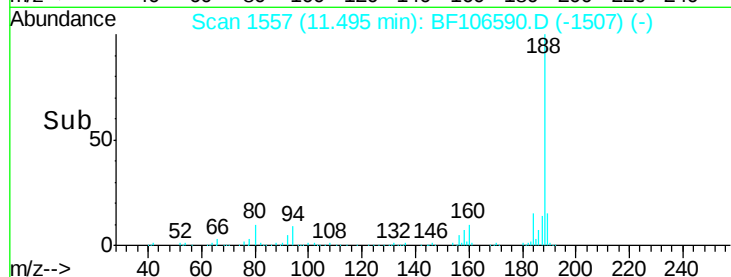
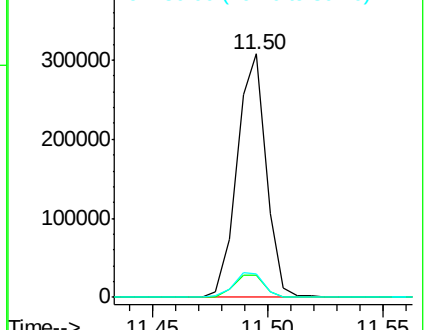
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 0.231 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

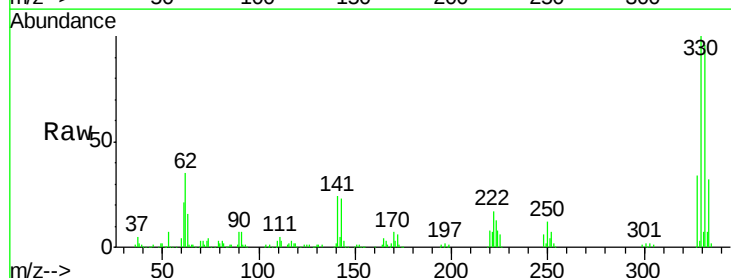
Tgt Ion:198 Resp: 387

Ion Ratio Lower Upper

198 100

51 83.9 37.7 77.7#

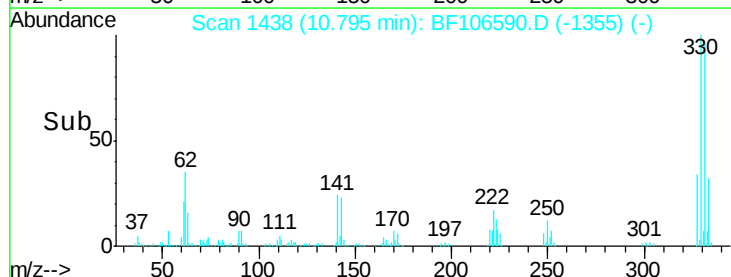
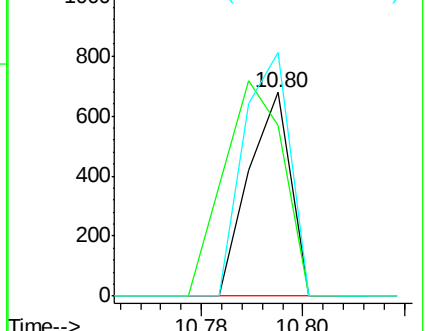
105 119.6 36.3 76.3#

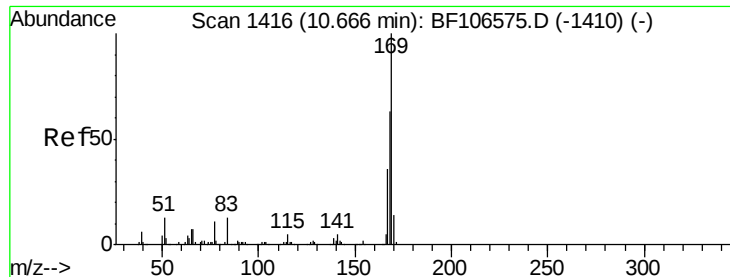


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

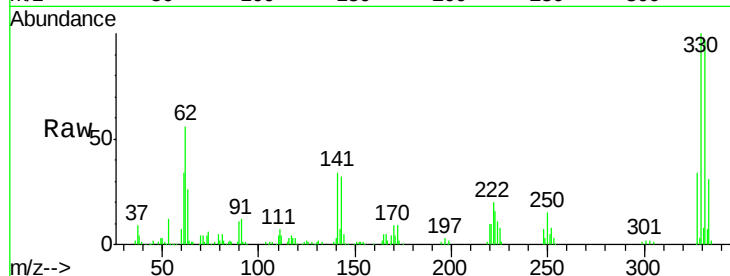




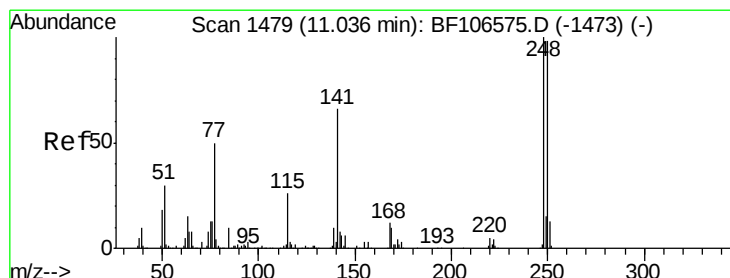
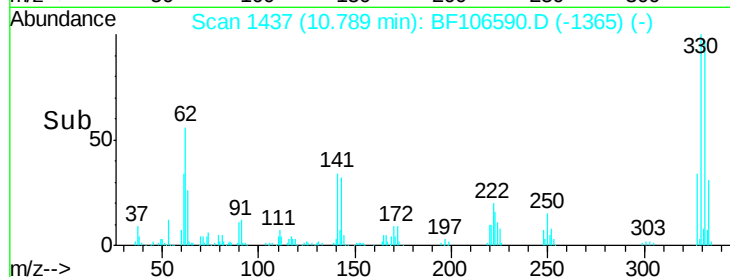
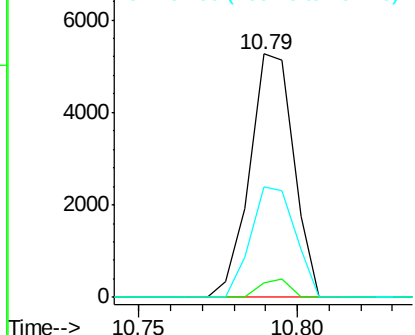
#65
 n-Nitrosodiphenylamine
 Concen: 0.558 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. 0.12 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

Tgt Ion:169 Resp: 5090
 Ion Ratio Lower Upper
 169 100
 168 5.7 54.4 81.6#
 167 45.2 29.8 44.6#

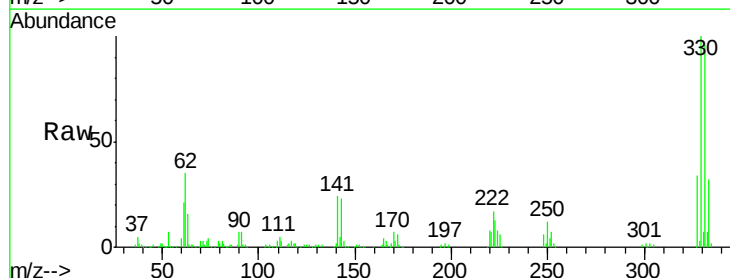


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

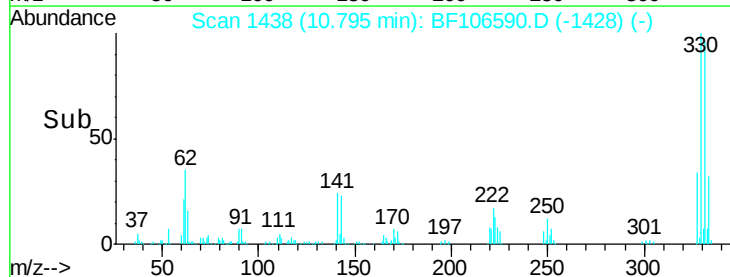
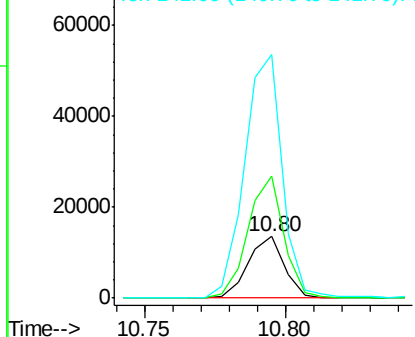


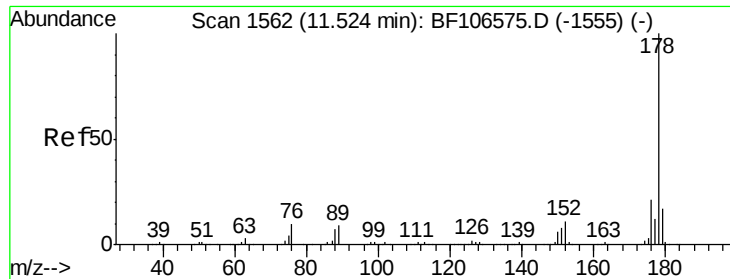
#66
 4-Bromophenyl-phenylether
 Concen: 3.702 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

Tgt Ion:248 Resp: 11977
 Ion Ratio Lower Upper
 248 100
 250 198.5 76.9 115.3#
 141 396.3 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

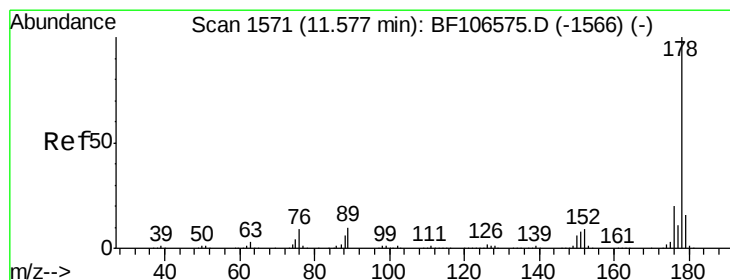
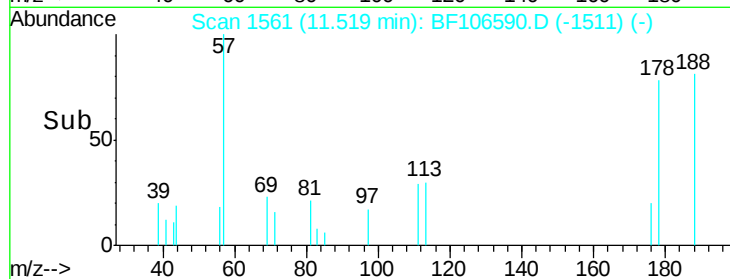
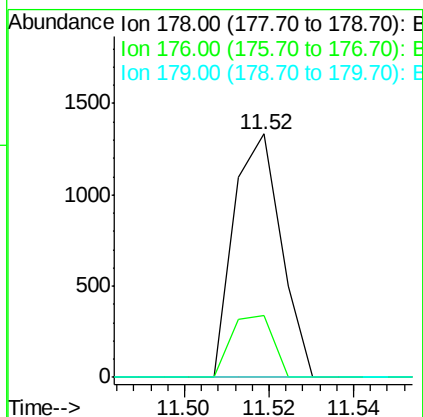
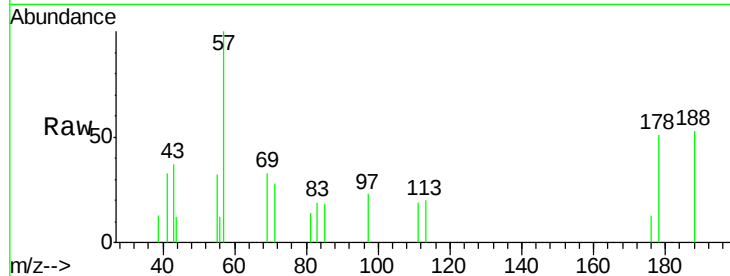




#70
Phenanthrene
Concen: 0.079 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

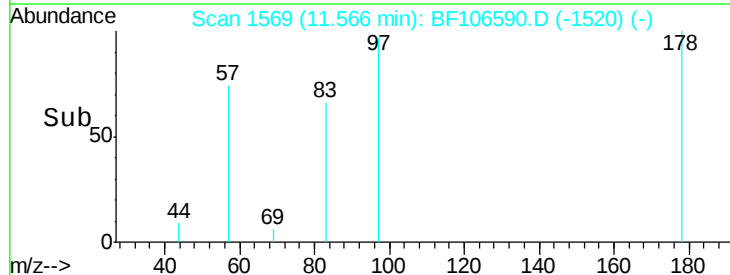
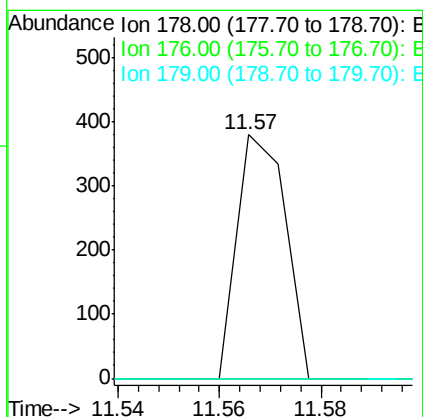
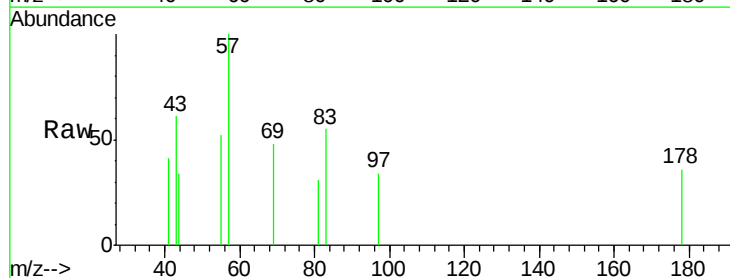
Instrument :
BNA_F
ClientSampleId :
TP-5-S

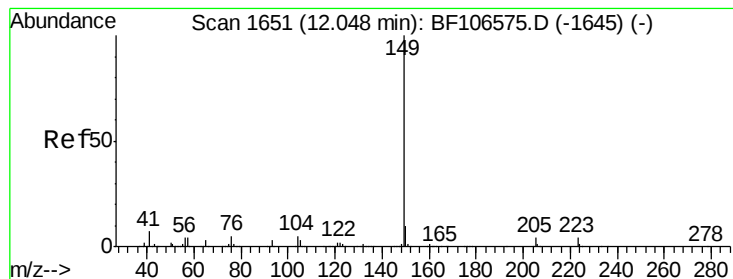
Tgt Ion:178 Resp: 1033
Ion Ratio Lower Upper
178 100
176 25.3 15.8 23.8#
179 0.0 13.0 19.6#



#71
Anthracene
Concen: 0.019 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion:178 Resp: 252
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: 0.195 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

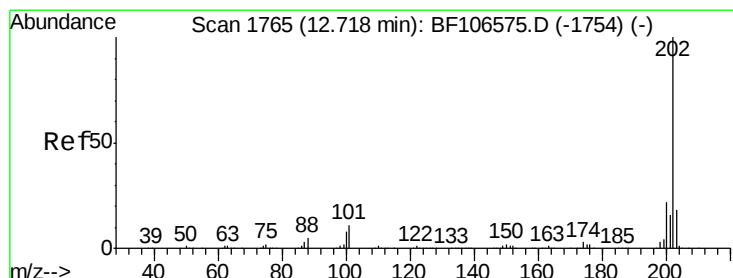
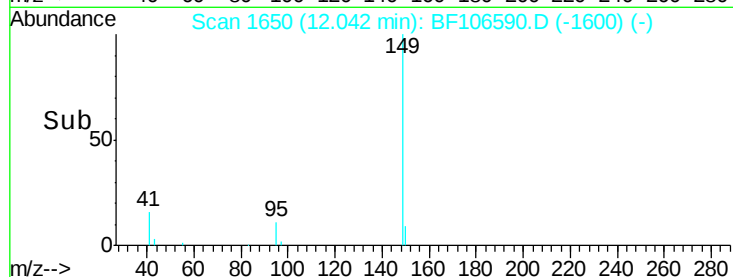
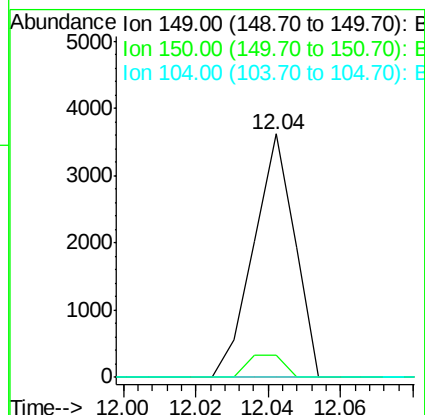
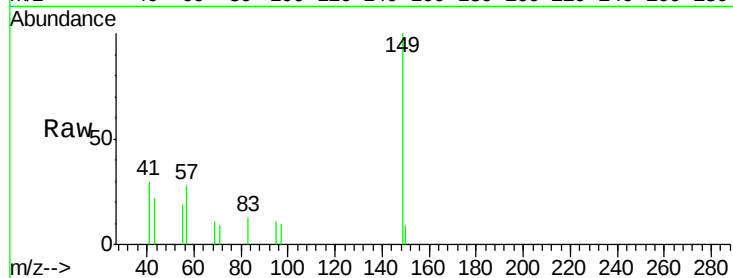
Tgt Ion:149 Resp: 2876

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 0.0 3.8 5.8#



#74

Fluoranthene

Concen: 0.162 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

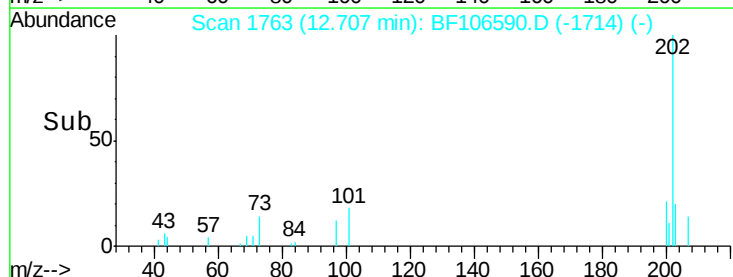
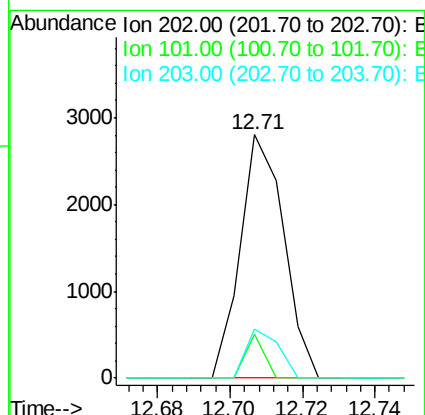
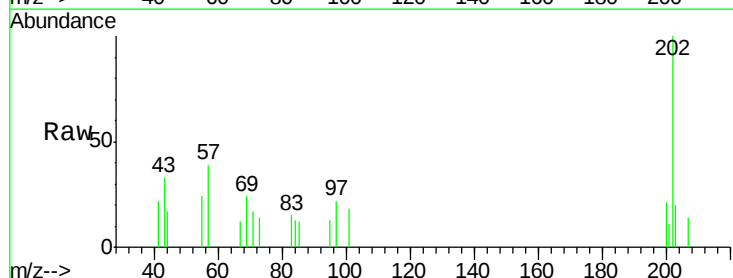
Tgt Ion:202 Resp: 2336

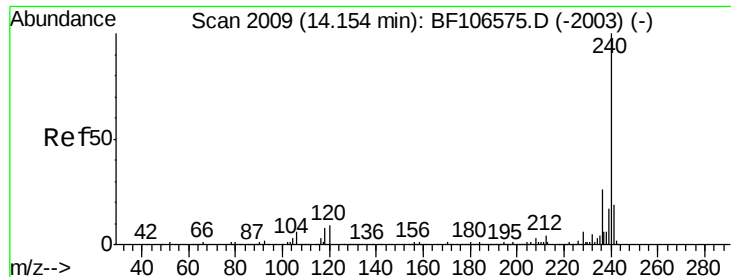
Ion Ratio Lower Upper

202 100

101 17.8 0.0 34.1

203 20.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

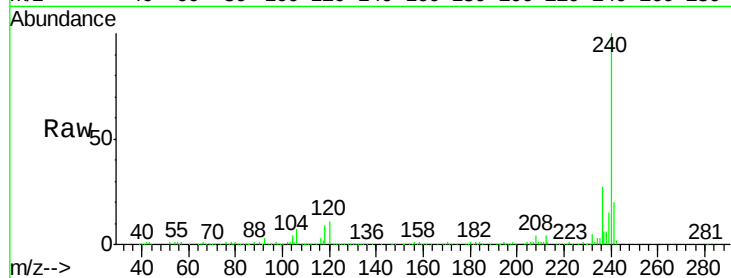
Tgt Ion:240 Resp: 234802

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

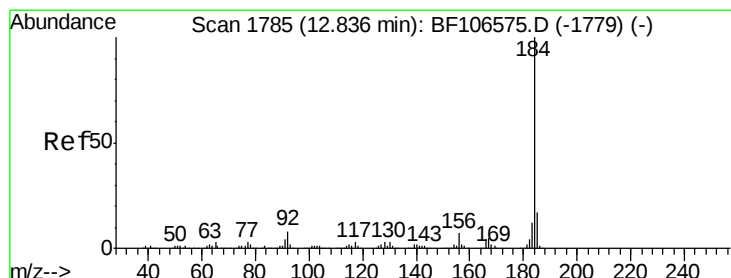
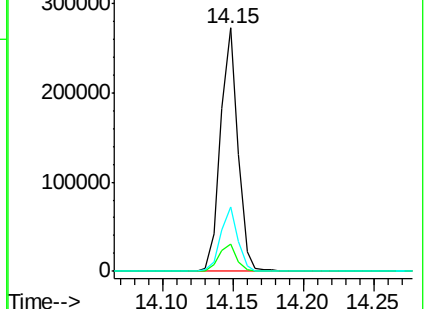
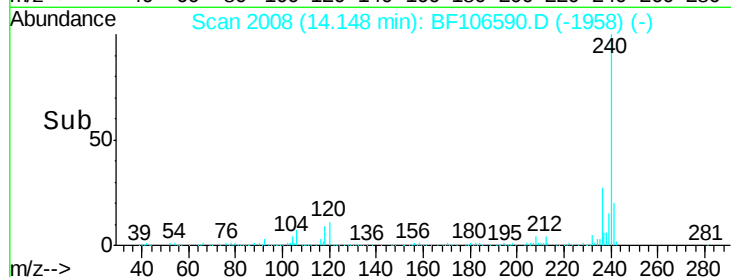
236 26.5 20.7 31.1



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: 1.261 ng

RT: 13.08 min Scan# 1826

Delta R.T. 0.24 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

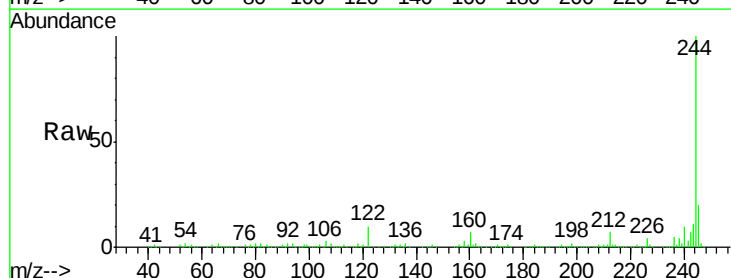
Tgt Ion:184 Resp: 8430

Ion Ratio Lower Upper

184 100

185 19.3 12.6 18.8#

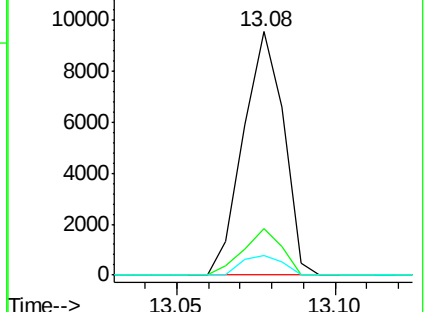
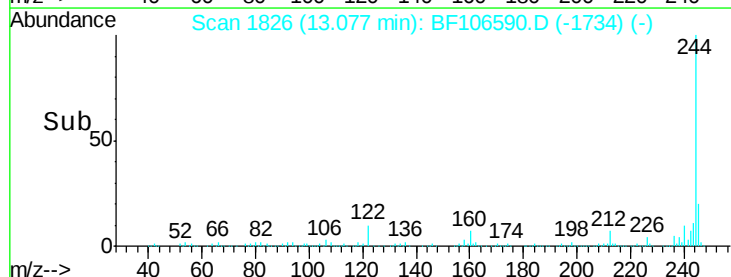
183 8.0 9.3 13.9#

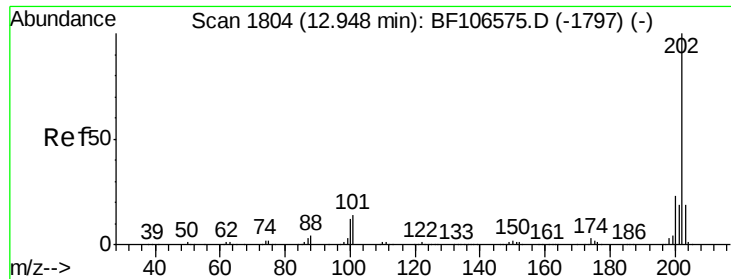


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

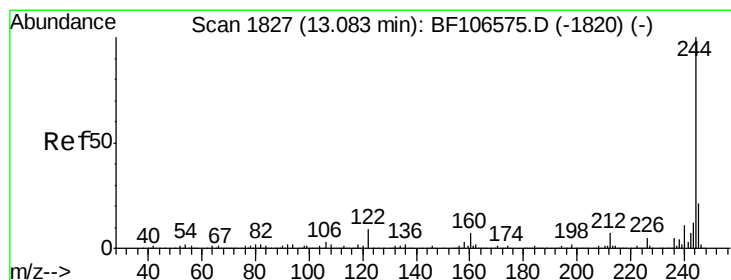
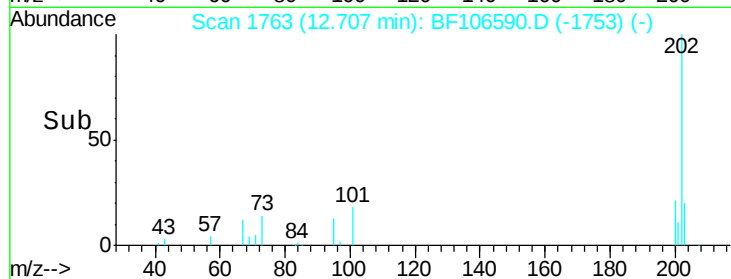
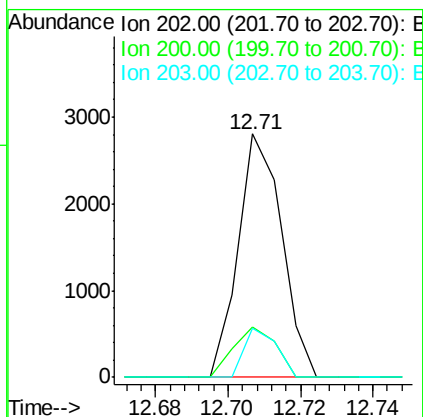
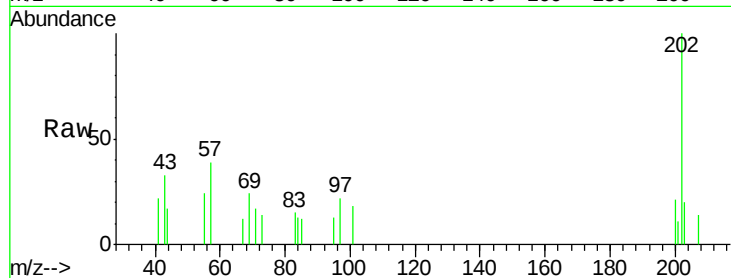




#77
 Pyrene
 Concen: 0.151 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.24 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

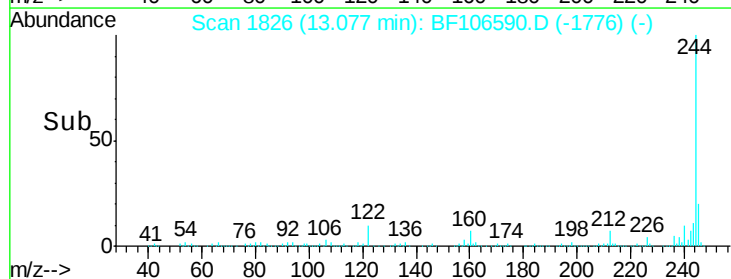
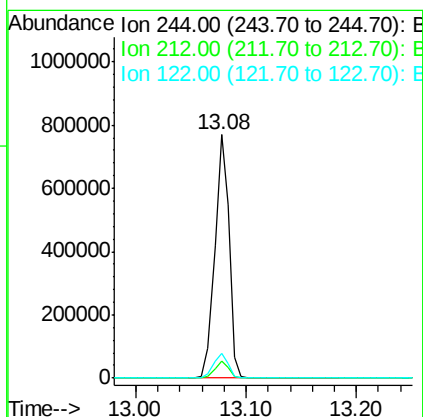
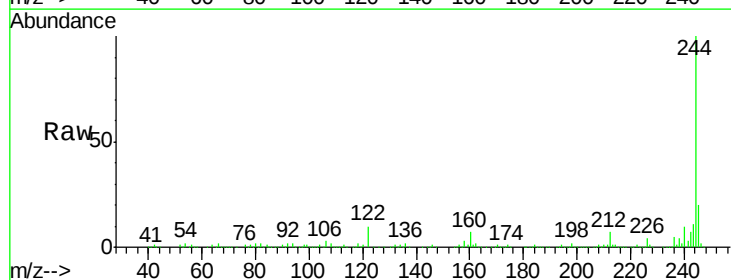
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

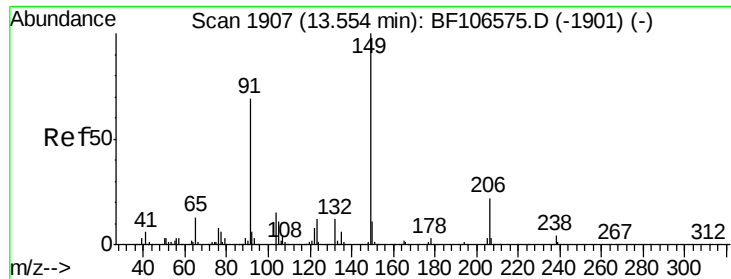
Tgt Ion: 202 Resp: 2336
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.2
 203 20.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 69.967 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106590.D
 Acq: 19 Jun 2018 18:55

Tgt Ion: 244 Resp: 678217
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.4 11.0 16.4#

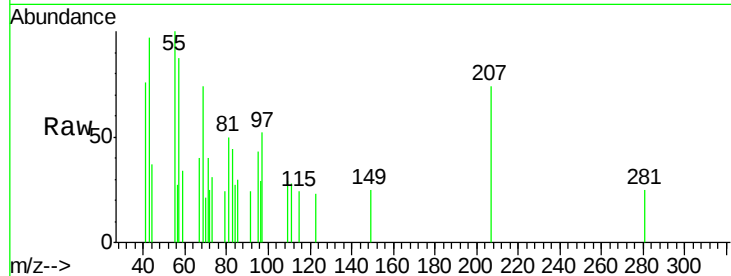




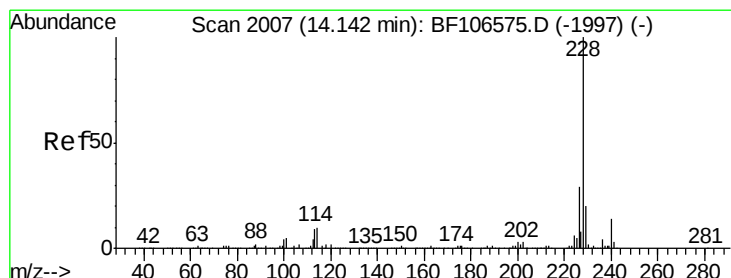
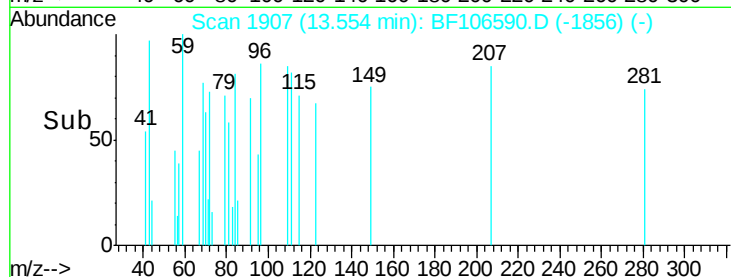
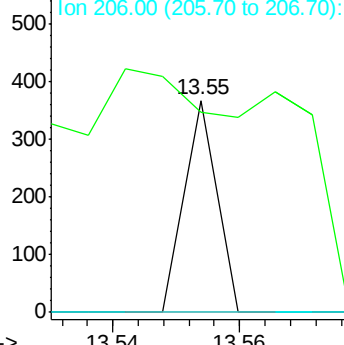
#79
Butylbenzylphthalate
Concen: 0.020 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tgt Ion:149 Resp: 130
Ion Ratio Lower Upper
149 100
91 94.3 56.8 85.2#
206 0.0 14.1 21.1#

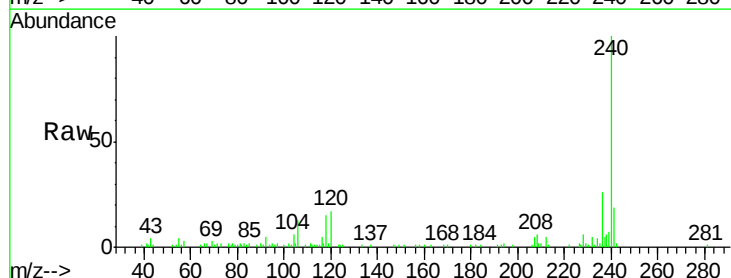


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

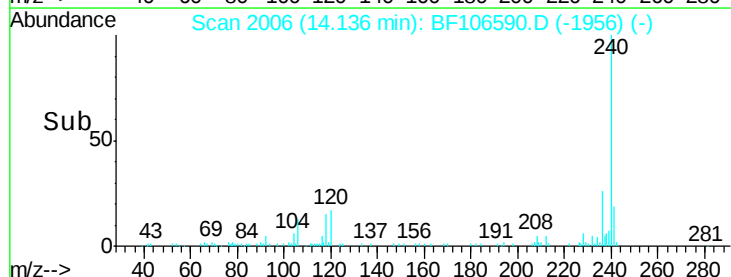
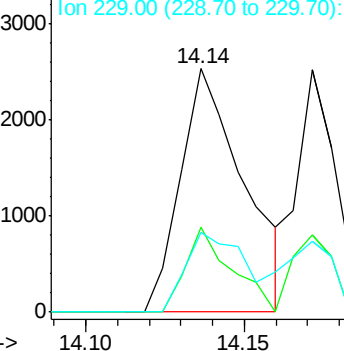


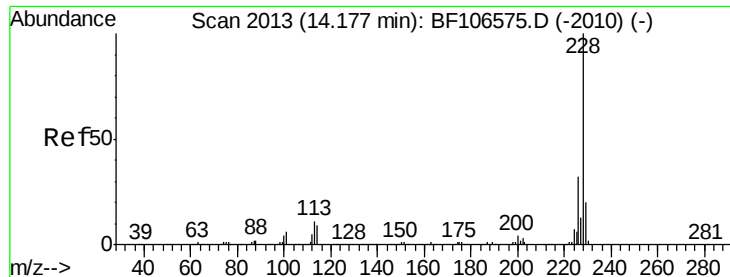
#80
Benzo(a)anthracene
Concen: 0.245 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion:228 Resp: 3513
Ion Ratio Lower Upper
228 100
226 34.9 22.6 33.8#
229 32.9 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.158 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

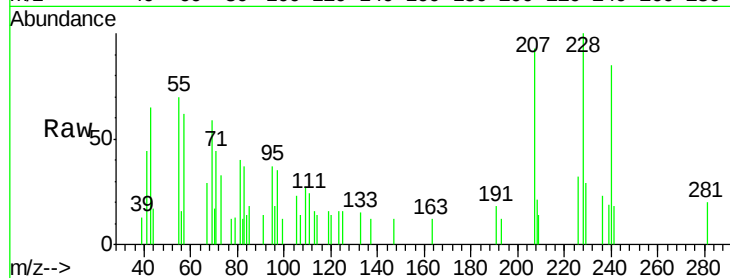
Tgt Ion:228 Resp: 2084

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

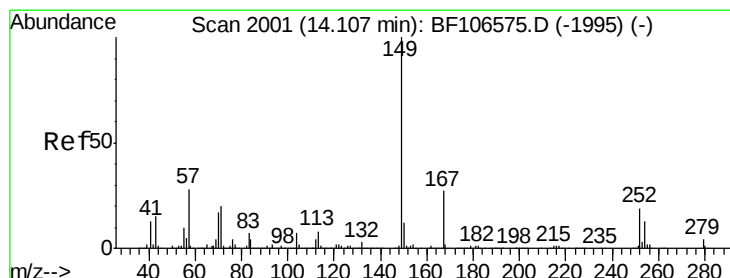
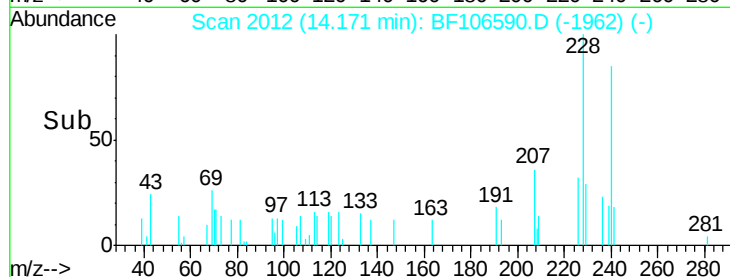
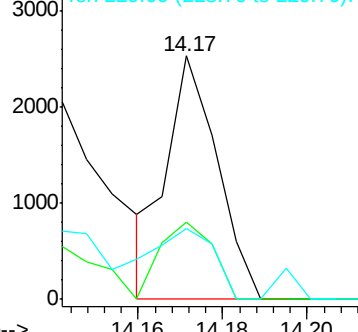
229 29.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.187 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

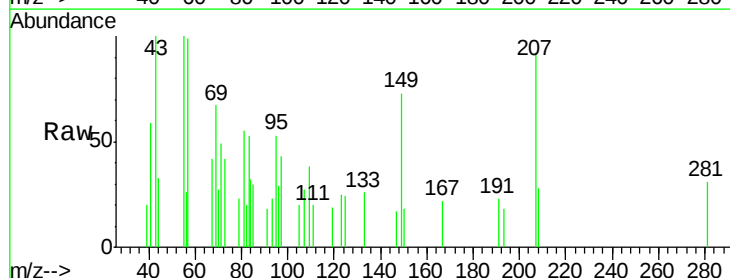
Tgt Ion:149 Resp: 1519

Ion Ratio Lower Upper

149 100

167 30.4 21.3 31.9

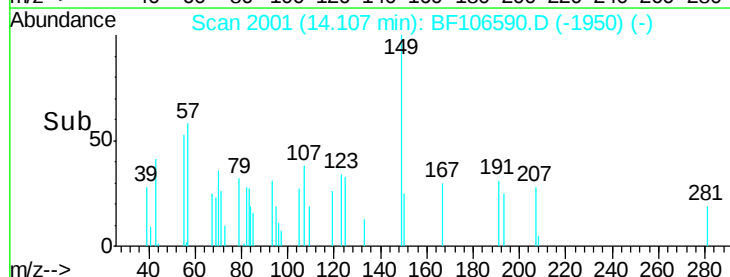
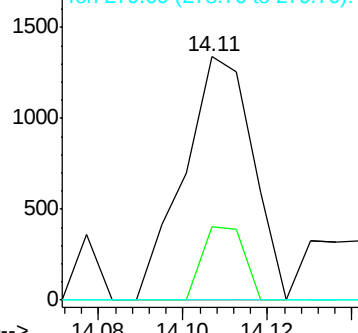
279 0.0 3.0 4.4#

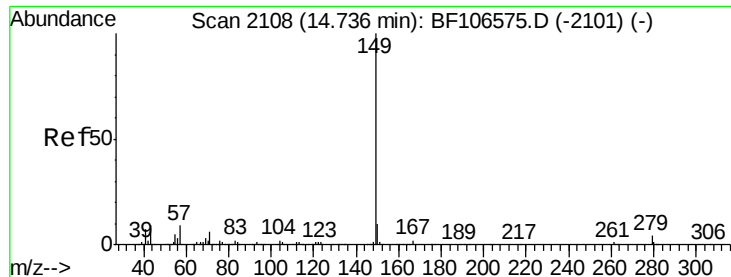


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.088 ng

RT: 14.78 min Scan# 2115

Delta R.T. 0.04 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampled :

TP-5-S

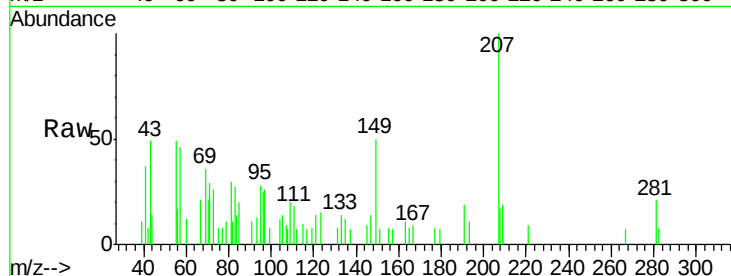
Tgt Ion:149 Resp: 1168

Ion Ratio Lower Upper

149 100

167 12.2 1.2 1.8#

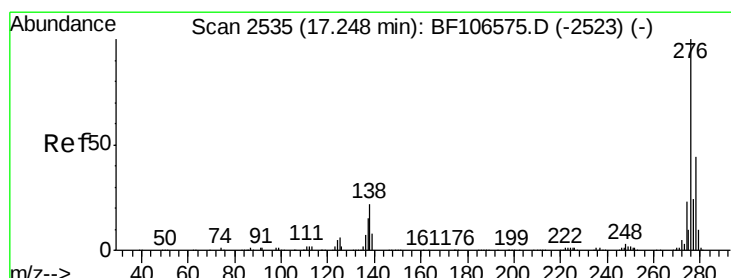
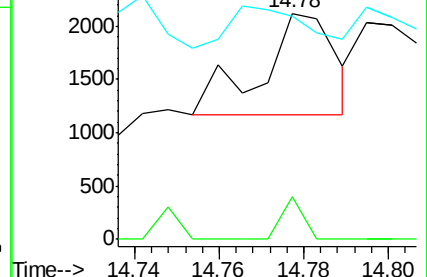
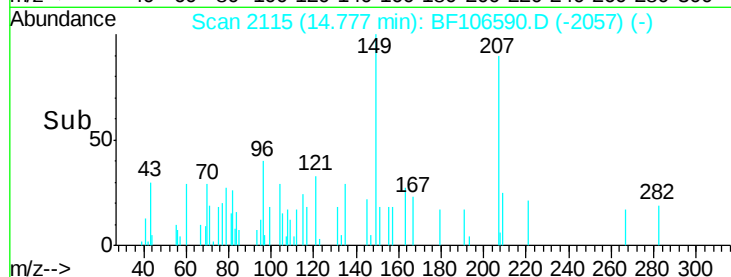
43 43.1 8.4 12.6#



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: 0.156 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

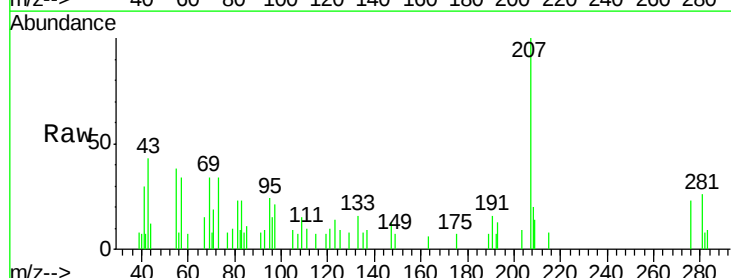
Tgt Ion:276 Resp: 1748

Ion Ratio Lower Upper

276 100

138 9.2 25.0 37.6#

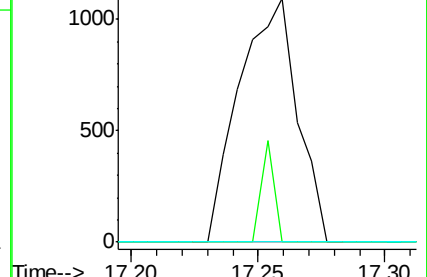
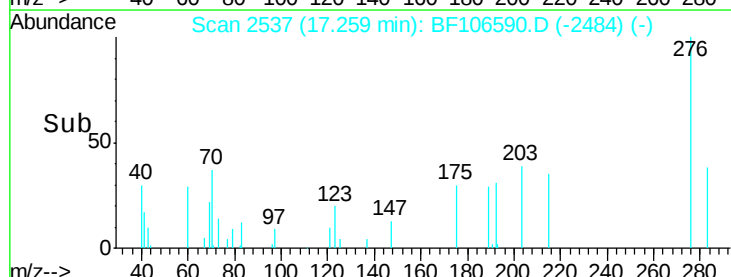
277 0.0 20.1 30.1#

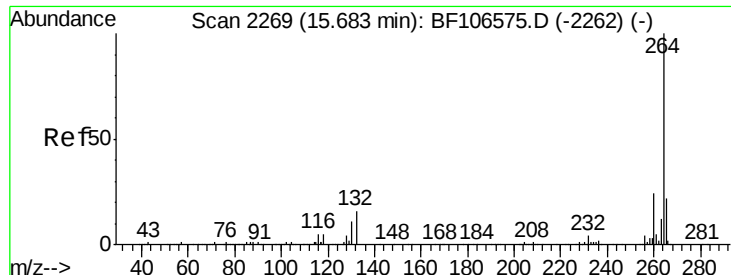


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

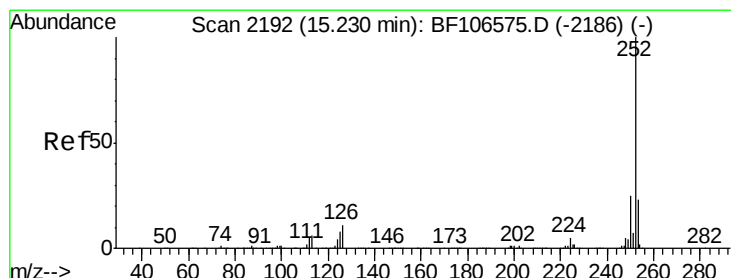
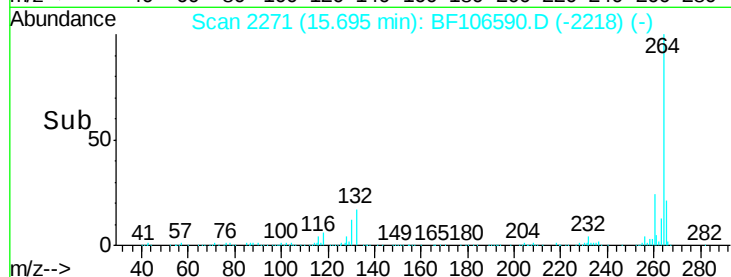
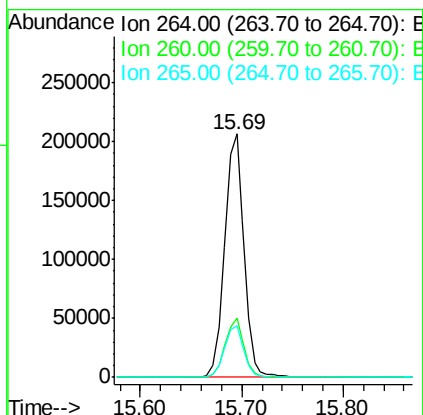
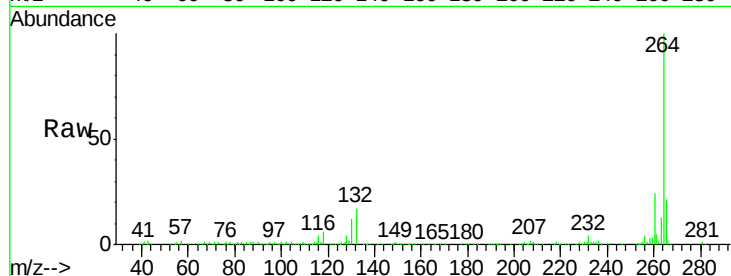




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

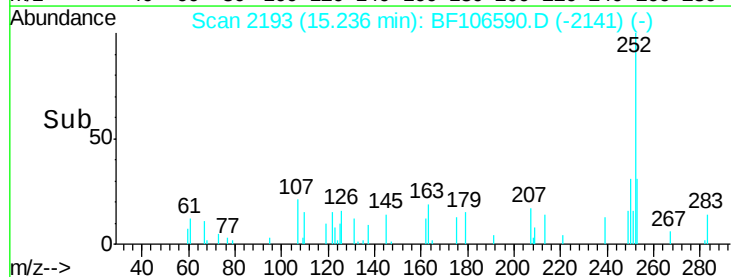
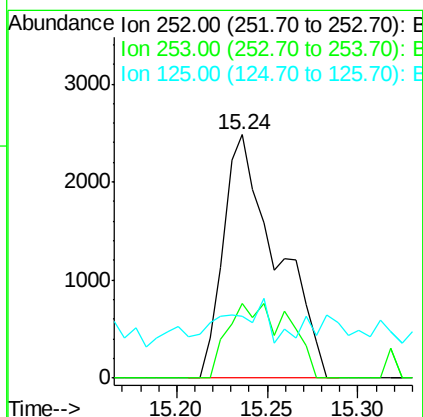
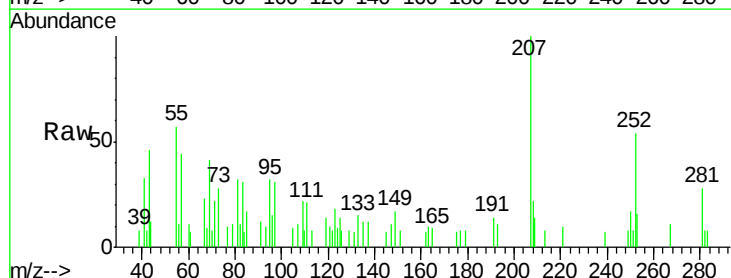
Instrument :
BNA_F
ClientSampleId :
TP-5-S

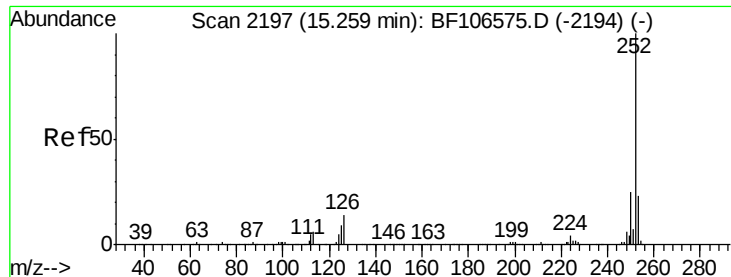
Tgt Ion: 264 Resp: 273455
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.299 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion: 252 Resp: 5080
Ion Ratio Lower Upper
252 100
253 30.5 17.0 25.6#
125 25.6 9.0 13.6#

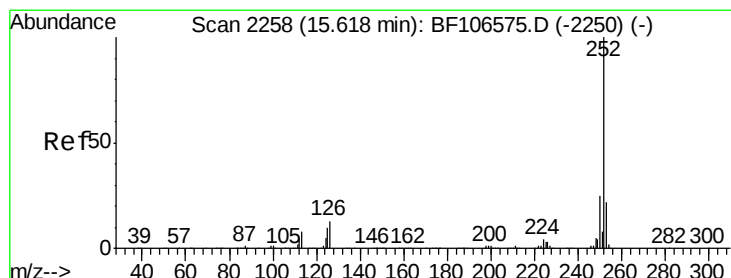
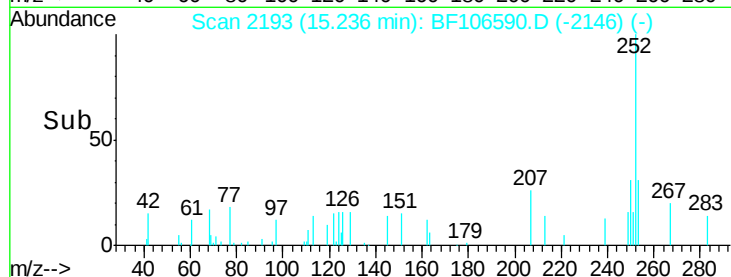
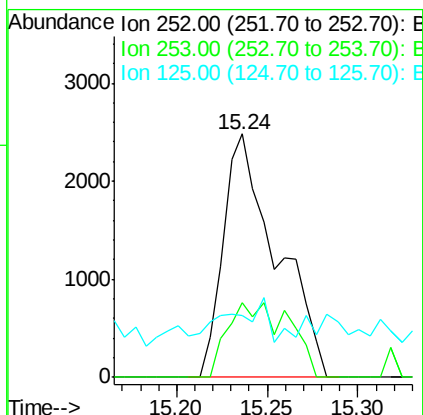
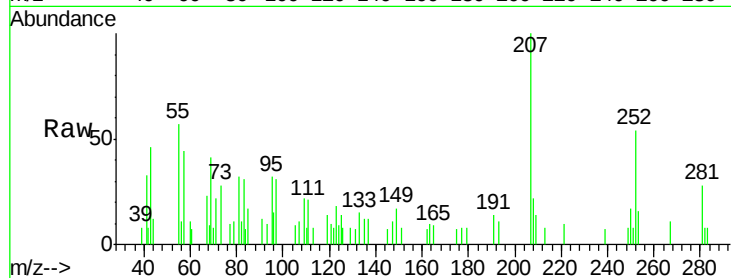




#88
Benzo(k)fluoranthene
Concen: 0.314 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

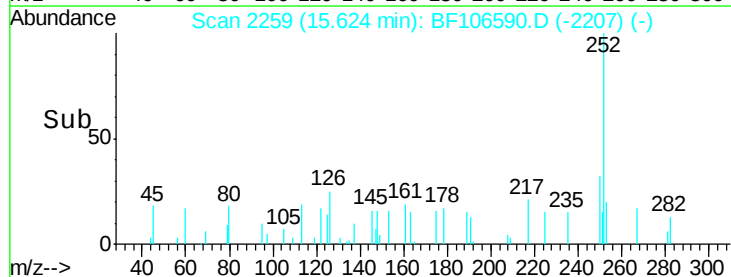
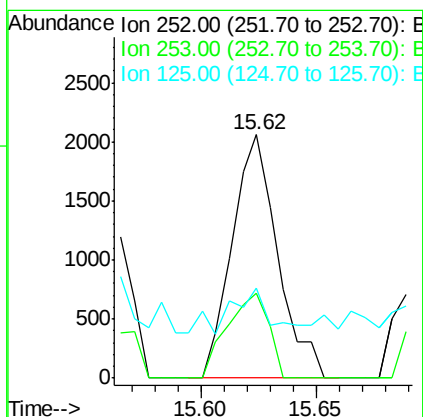
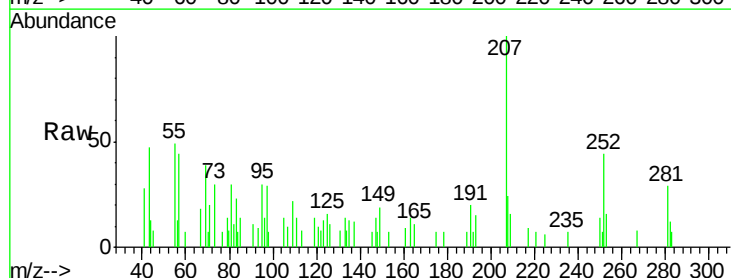
Instrument :
BNA_F
ClientSampleId :
TP-5-S

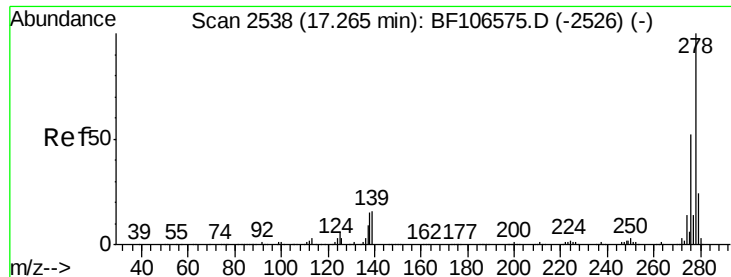
Tgt Ion:252 Resp: 5080
Ion Ratio Lower Upper
252 100
253 30.5 17.9 26.9#
125 25.6 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.187 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106590.D
Acq: 19 Jun 2018 18:55

Tgt Ion:252 Resp: 2822
Ion Ratio Lower Upper
252 100
253 35.0 17.1 25.7#
125 37.2 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.018 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

Instrument :

BNA_F

ClientSampleId :

TP-5-S

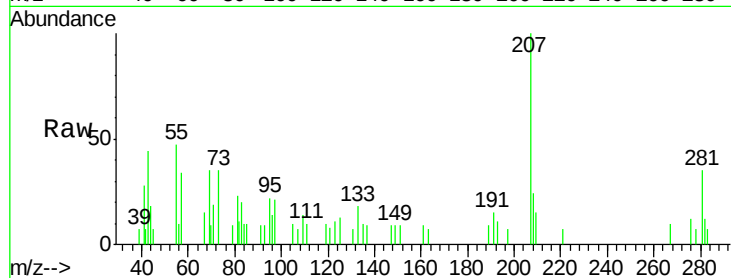
Tgt Ion:278 Resp: 228

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

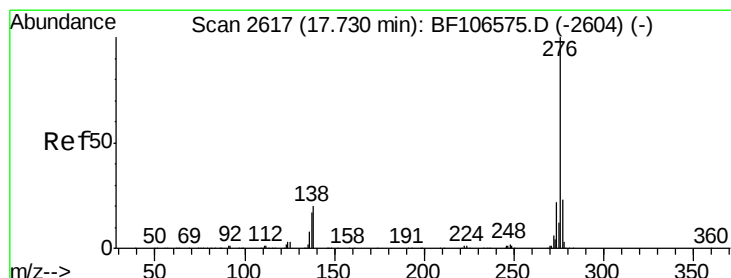
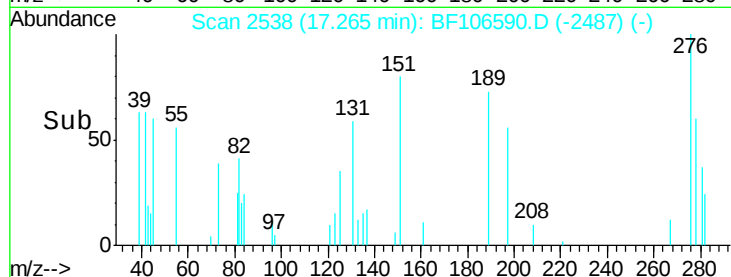
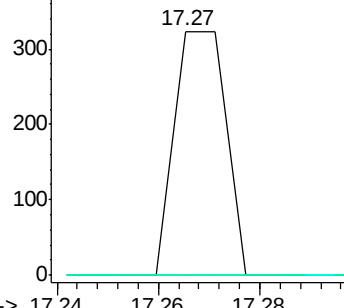
279 0.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.190 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BF106590.D

Acq: 19 Jun 2018 18:55

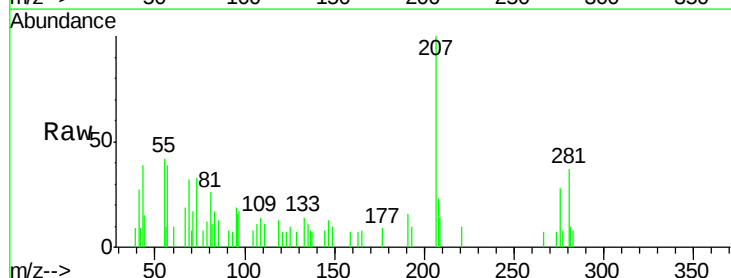
Tgt Ion:276 Resp: 2374

Ion Ratio Lower Upper

276 100

277 28.3 17.9 26.9#

138 24.8 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

