

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106588.D
 Acq On : 19 Jun 2018 18:01
 Operator : JU/SJ
 Sample : J3566-19RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

Quant Time: Jun 20 00:55:36 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	110663	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	419713	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	191694	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	323012	20.00	ng	0.00
75) Chrysene-d12	14.14	240	265004	20.00	ng	-0.01
86) Perylene-d12	15.68	264	300418	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	716381	109.62	ng	0.00
7) Phenol-d6	6.60	99	904351	110.81	ng	0.00
23) Nitrobenzene-d5	7.52	82	617510	81.76	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	244371	109.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1016890	90.80	ng	0.00
78) Terphenyl-d14	13.08	244	856888	78.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	233	0.069	ng	# 21
6) Aniline	6.61	93	251	0.023	ng	# 1
8) 2-Chlorophenol	6.75	128	109	0.015	ng	# 1
9) Benzaldehyde	6.74	77	16840	2.449	ng	# 81
10) Phenol	6.61	94	15062	1.617	ng	# 75
11) bis(2-Chloroethyl)ether	6.74	93	1088	0.141	ng	# 1
15) Benzyl Alcohol	7.12	79	9584	1.462	ng	# 43
19) n-Nitroso-di-n-propylamine	7.52	70	83067	15.441	ng	# 74
24) Nitrobenzene	7.52	77	2118	0.275	ng	# 40
25) Isophorone	7.52	82	617497	46.399	ng	# 64
31) Naphthalene	8.27	128	254	0.013	ng	# 68
37) 2-Methylnaphthalene	8.95	142	137	0.011	ng	# 68
45) 1,1'-Biphenyl	9.42	154	2222	0.145	ng	# 85
46) 2-Chloronaphthalene	9.71	162	895	0.074	ng	# 1
47) 2-Nitroaniline	9.71	65	1339	0.331	ng	# 1
48) Acenaphthylene	9.86	152	168	0.009	ng	# 60
49) Dimethylphthalate	9.71	163	146705	10.204	ng	# 100
50) 2,6-Dinitrotoluene	9.71	165	1419	0.466	ng	# 2
51) Acenaphthene	10.00	154	812	0.068	ng	# 4
54) Dibenzofuran	10.21	168	254	0.016	ng	# 45
56) 2,4-Dinitrotoluene	10.00	165	24417	6.144	ng	# 23
57) Fluorene	10.79	166	9514	0.732	ng	# 94
59) Diethylphthalate	10.41	149	902	0.065	ng	# 61
62) Azobenzene	10.71	77	119	0.009	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.79	198	329	0.165	ng	# 1
65) n-Nitrosodiphenylamine	10.79	169	6581	0.606	ng	# 47
66) 4-Bromophenyl-phenylether	10.79	248	15598	4.046	ng	# 1
70) Phenanthrene	11.52	178	4218	0.271	ng	# 99
71) Anthracene	11.52	178	4218	0.265	ng	# 98
72) Carbazole	11.72	167	303	0.020	ng	# 59
73) Di-n-butylphthalate	12.04	149	2807	0.160	ng	# 78
74) Fluoranthene	12.71	202	6625	0.386	ng	# 94
76) Benzidine	13.08	184	10565	1.400	ng	# 92
77) Pyrene	12.94	202	6434	0.368	ng	# 99

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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

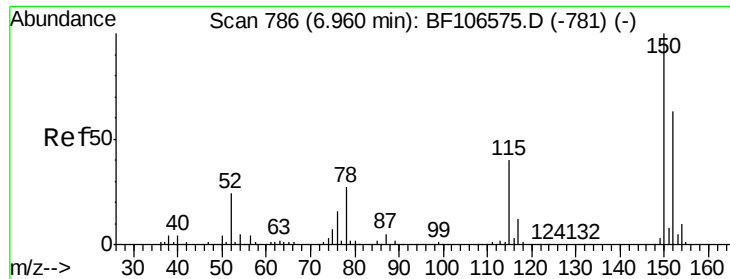
Instrument :
 BNA_F
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Quant Time: Jun 20 00:55:36 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) Butylbenzylphthalate	13.51	149	88	0.012	ng	# 46
80) Benzo(a)anthracene	14.13	228	5511	0.341	ng	# 92
82) Chrysene	14.17	228	2811	0.189	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.11	149	2008	0.219	ng	# 98
84) Di-n-octyl phthalate	14.71	149	91	0.006	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.24	276	2883	0.229	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	7706	0.413	ng	# 53
88) Benzo(k)fluoranthene	15.29	252	448	0.025	ng	# 1
89) Benzo(a)pyrene	15.61	252	4698	0.283	ng	# 69
90) Dibenzo(a,h)anthracene	17.25	278	750	0.053	ng	# 1
91) Benzo(g,h,i)perylene	17.71	276	3285	0.239	ng	# 72

(#) = 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: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

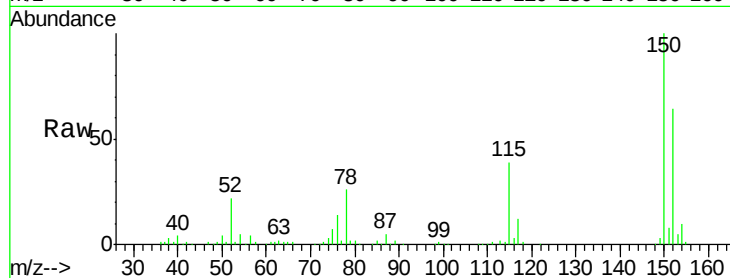
Tgt Ion:152 Resp: 110663

Ion Ratio Lower Upper

152 100

150 156.8 124.6 186.8

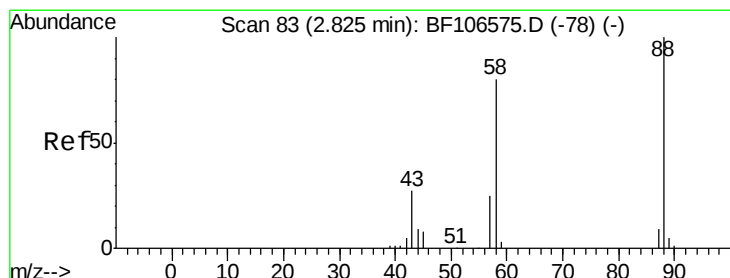
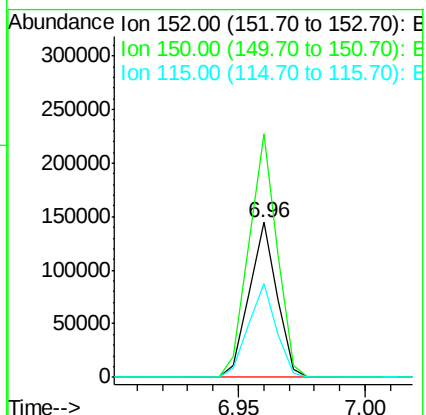
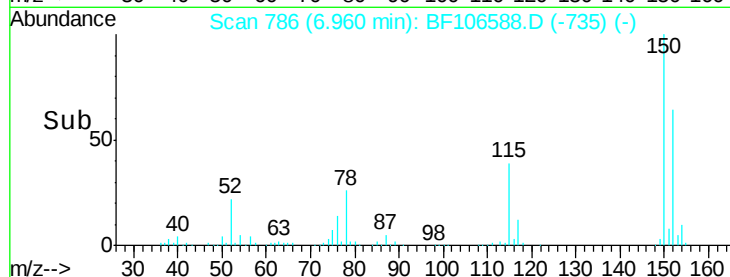
115 60.5 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.069 ng

RT: 2.68 min Scan# 59

Delta R.T. -0.14 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

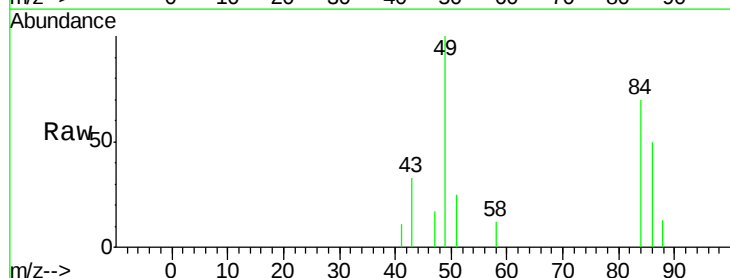
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

58 154.9 62.6 93.8#

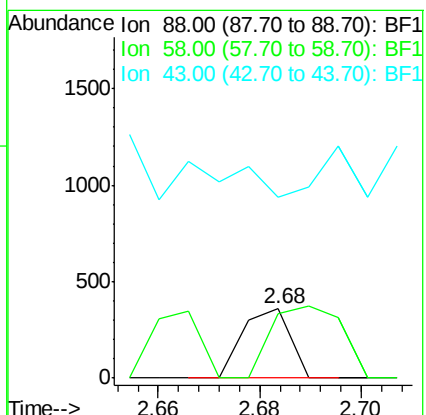
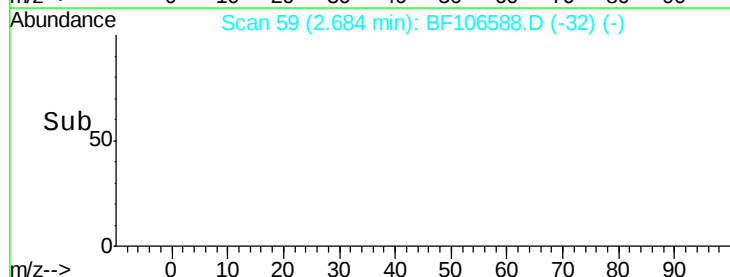
43 0.0 24.6 37.0#

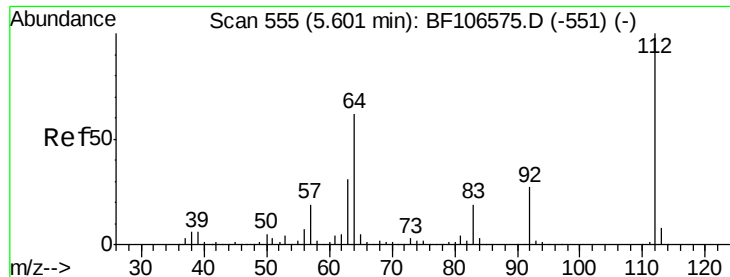


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 109.618 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

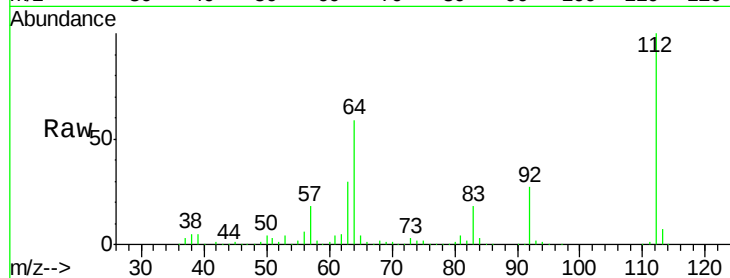
Tgt Ion: 112 Resp: 716381

Ion Ratio Lower Upper

112 100

64 58.8 47.9 71.9

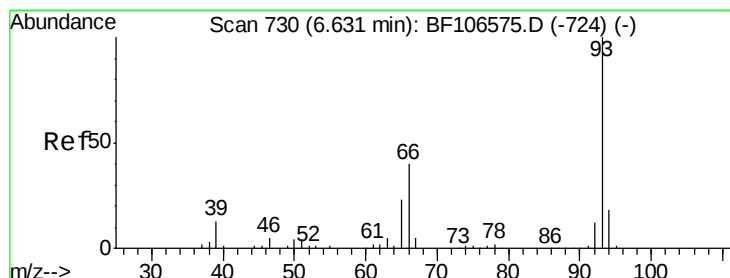
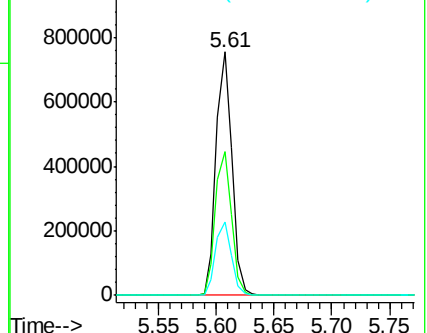
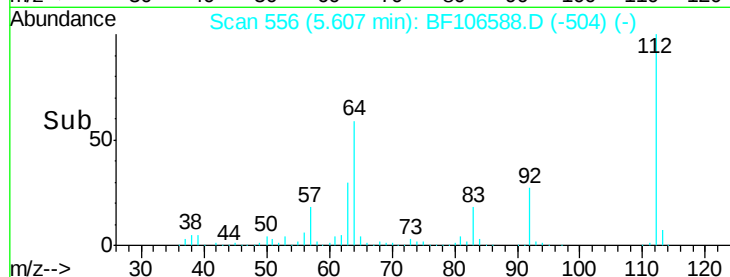
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.023 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

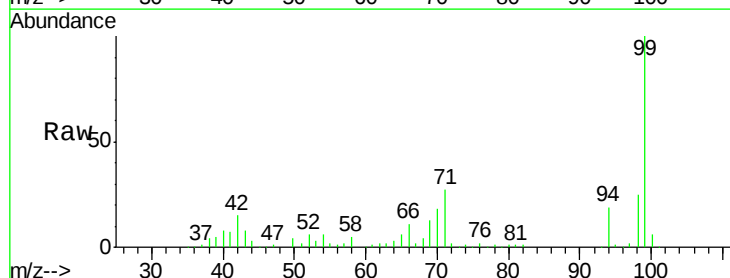
Tgt Ion: 93 Resp: 251

Ion Ratio Lower Upper

93 100

66 3292.6 32.2 48.2#

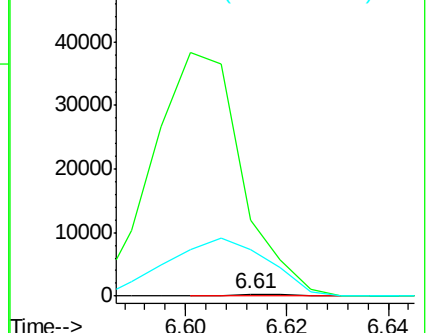
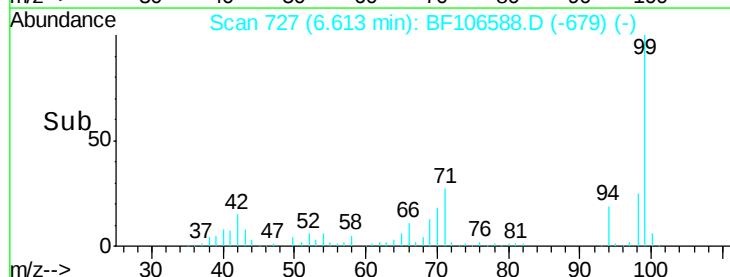
65 1994.5 16.4 24.6#

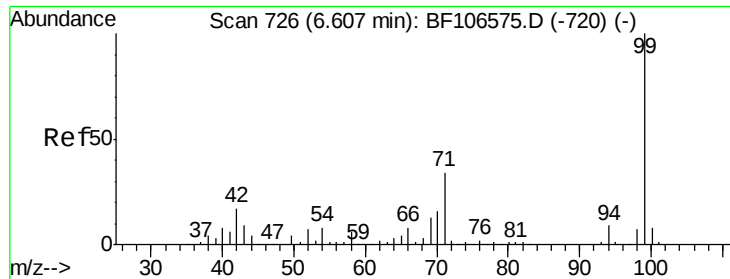


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.810 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampled :

TP-6-D

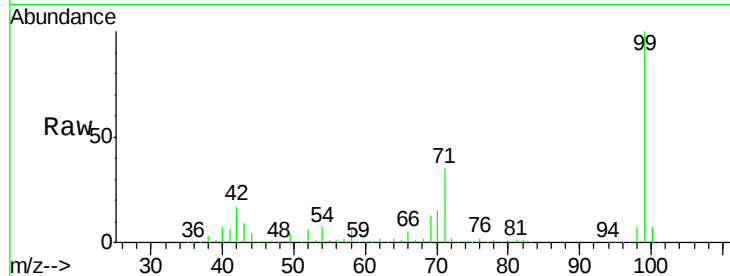
Tgt Ion: 99 Resp: 904351

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

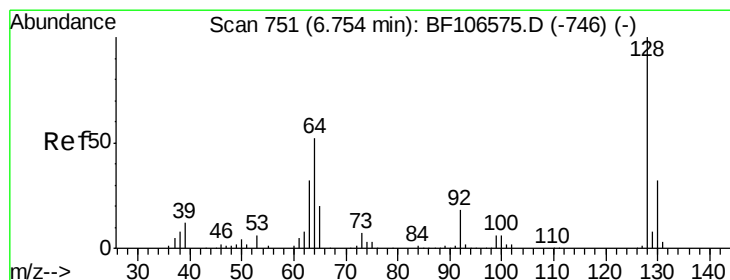
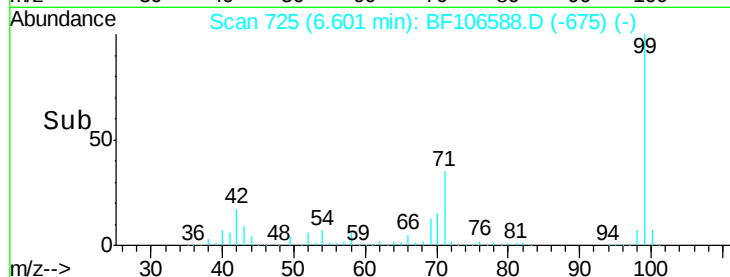
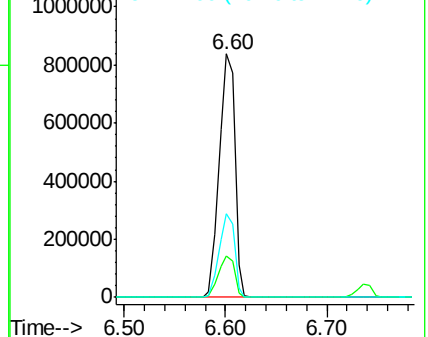
71 34.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.015 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

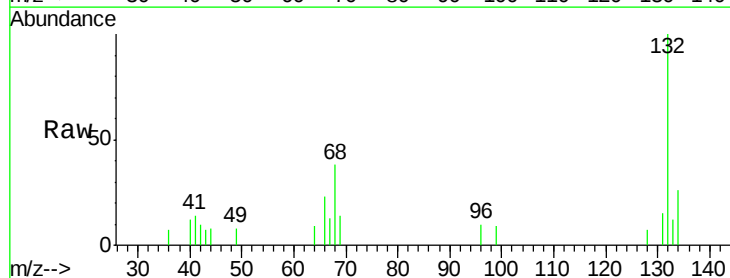
Tgt Ion: 128 Resp: 109

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

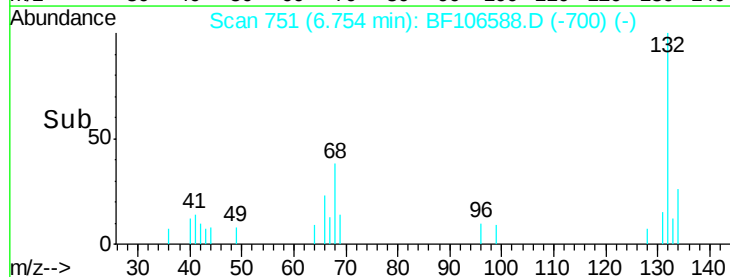
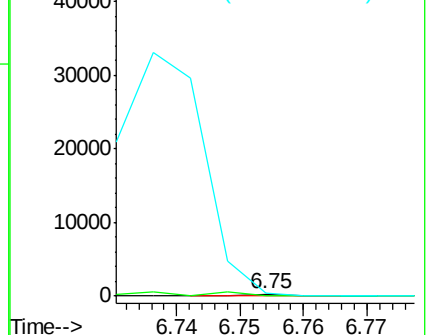
64 140.8 29.4 69.4#

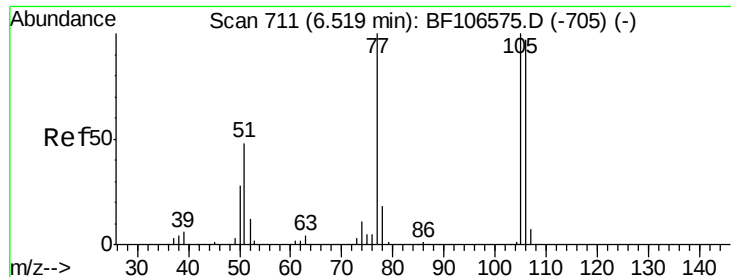


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.449 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

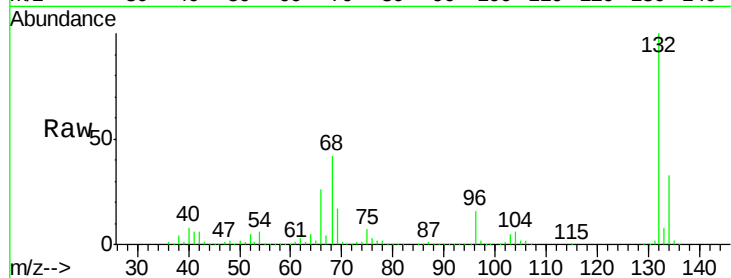
Tgt Ion: 77 Resp: 16840

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

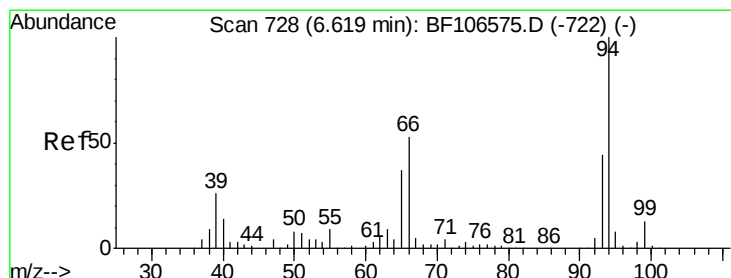
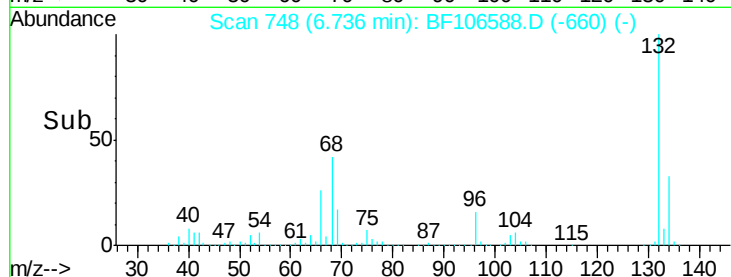
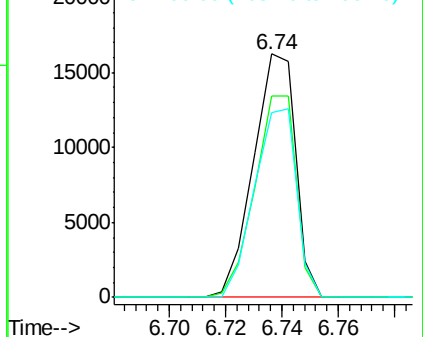
106 75.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.617 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

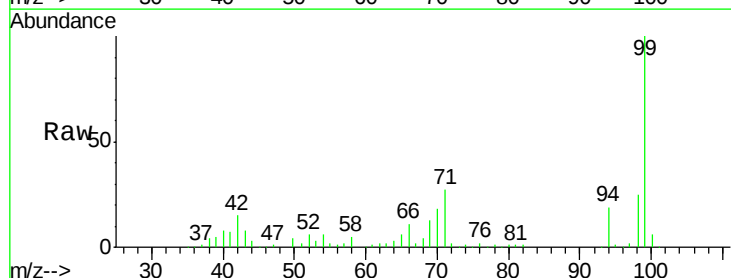
Tgt Ion: 94 Resp: 15062

Ion Ratio Lower Upper

94 100

65 34.5 7.9 47.9

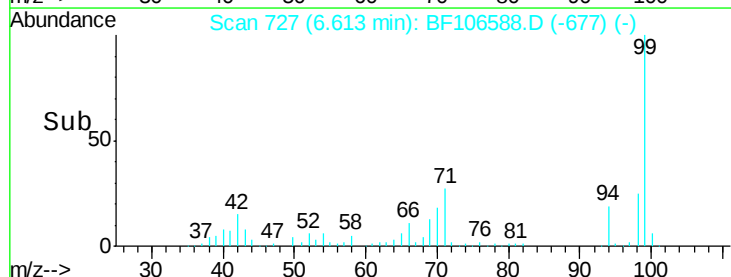
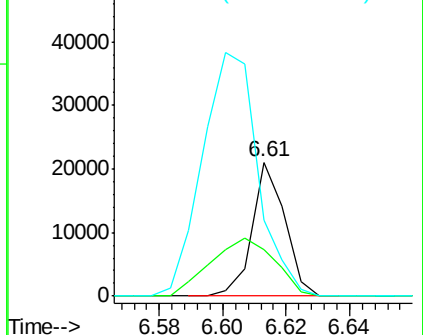
66 56.9 16.2 56.2#

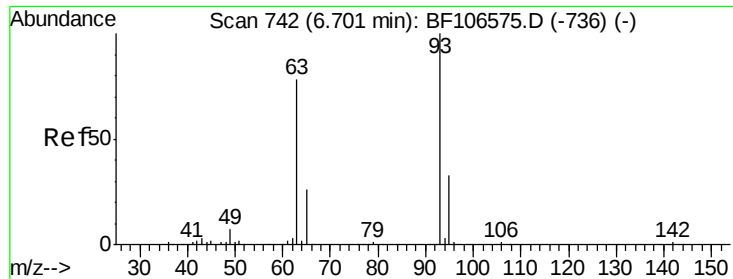


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.141 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.04 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

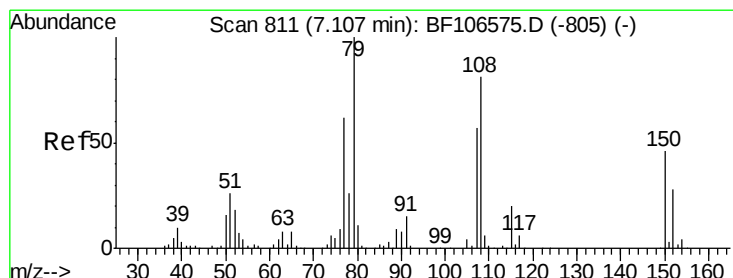
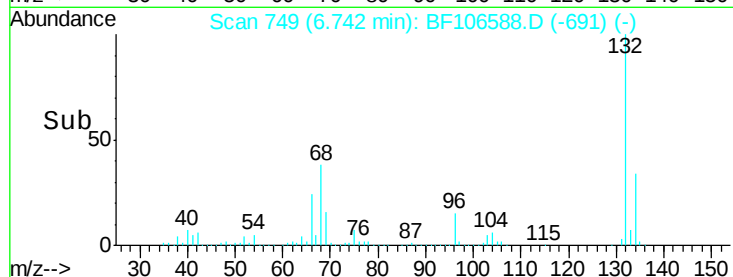
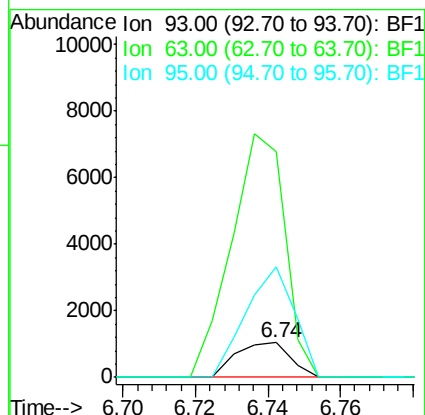
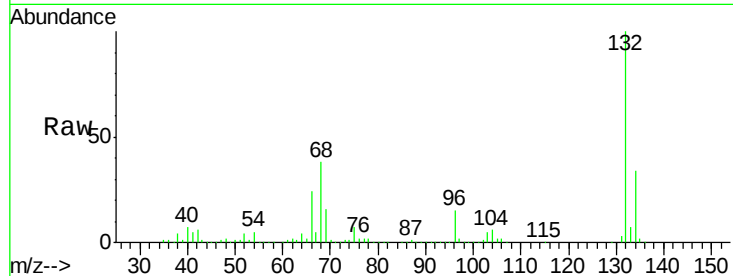
Tgt Ion: 93 Resp: 1088

Ion Ratio Lower Upper

93 100

63 649.2 58.6 98.6#

95 317.9 11.8 51.8#



#15

Benzyl Alcohol

Concen: 1.462 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

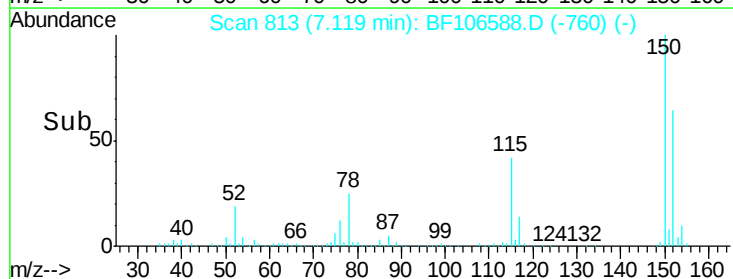
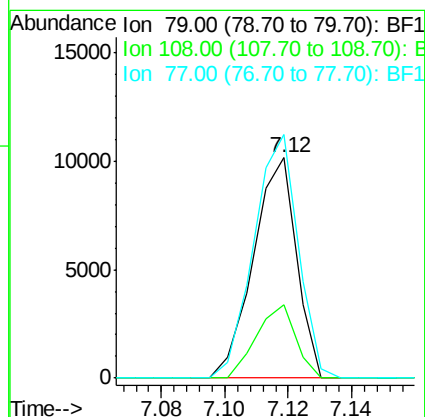
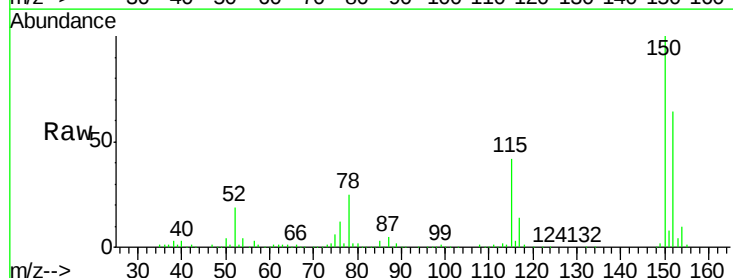
Tgt Ion: 79 Resp: 9584

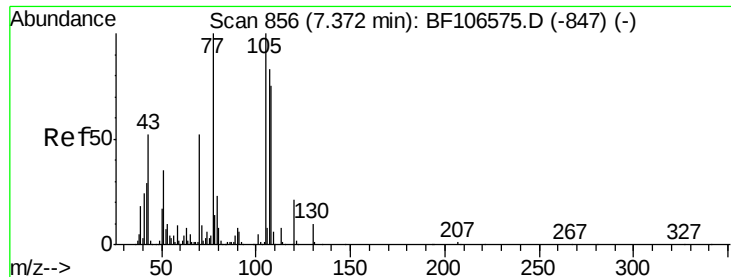
Ion Ratio Lower Upper

79 100

108 33.6 65.1 97.7#

77 110.6 50.6 75.8#

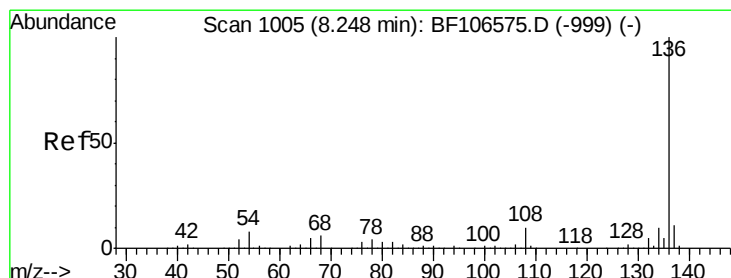
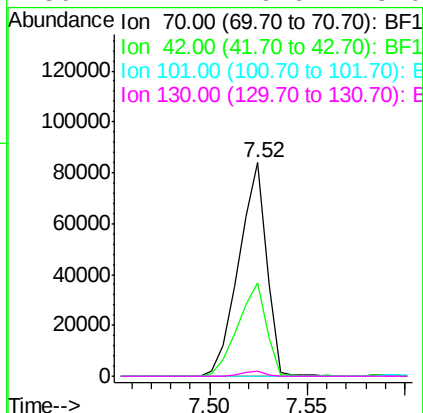
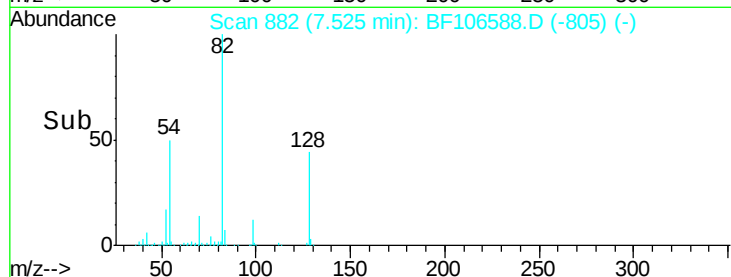
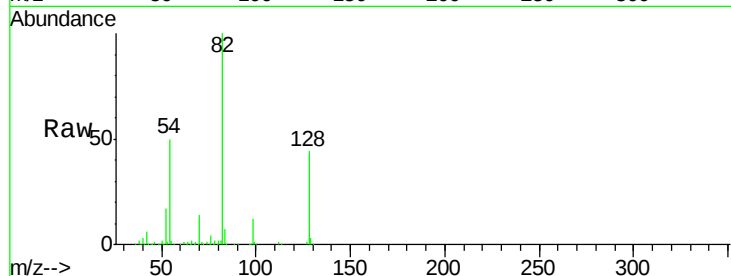




#19
n-Nitroso-di-n-propylamine
Concen: 15.441 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

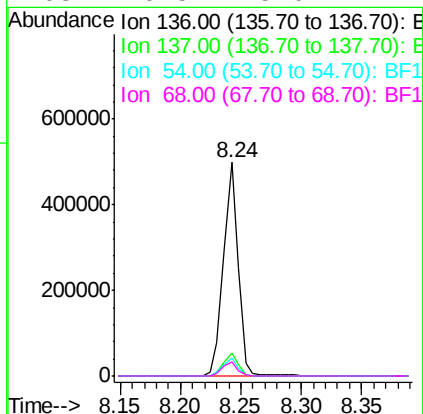
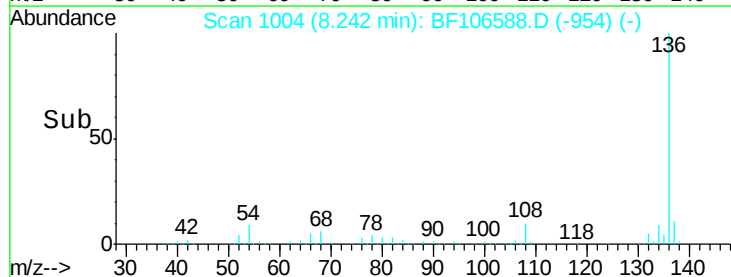
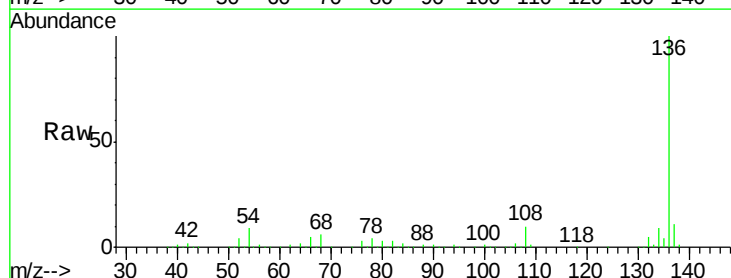
Instrument :
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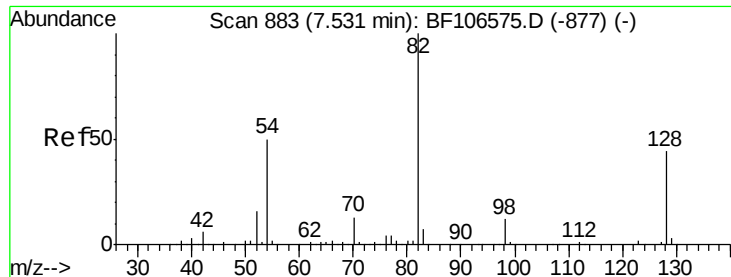
Tgt Ion: 70 Resp: 83067
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

Tgt Ion: 136 Resp: 419713
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.5 6.6 9.8
68 6.5 5.0 7.4

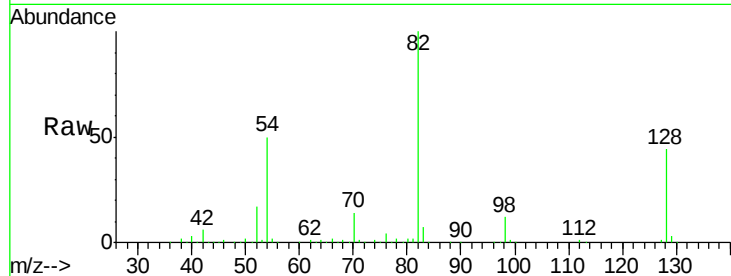




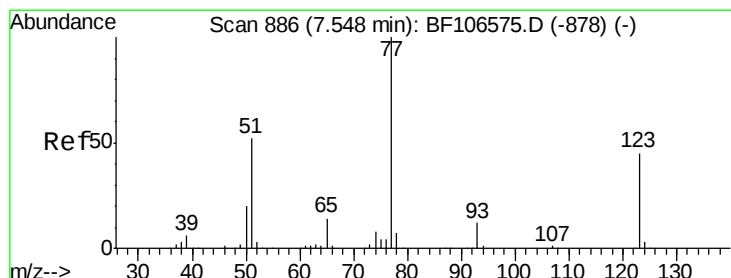
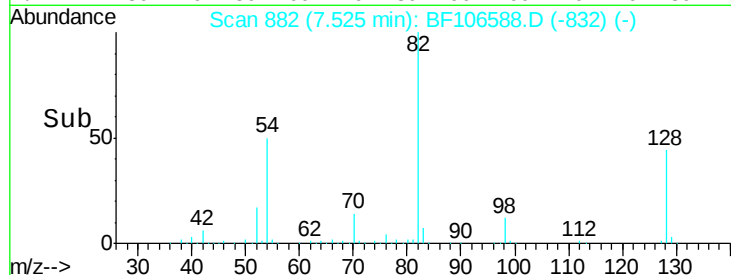
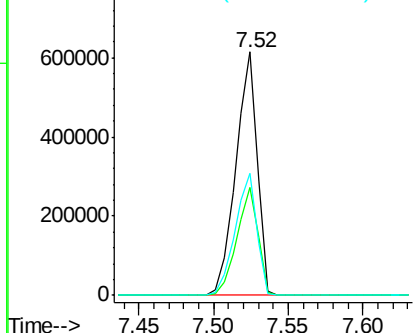
#23
 Nitrobenzene-d5
 Concen: 81.764 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

Tgt Ion: 82 Resp: 617510
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 50.1 41.4 62.2

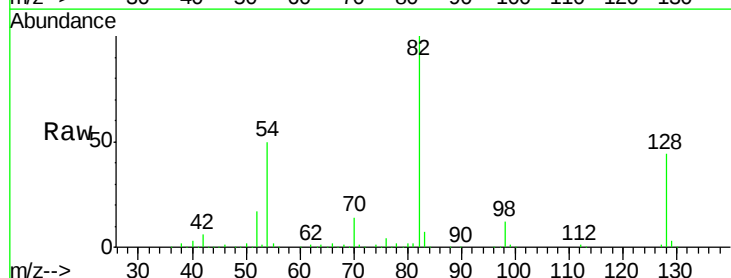


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

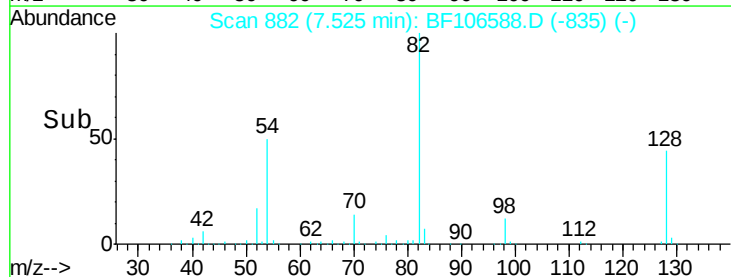
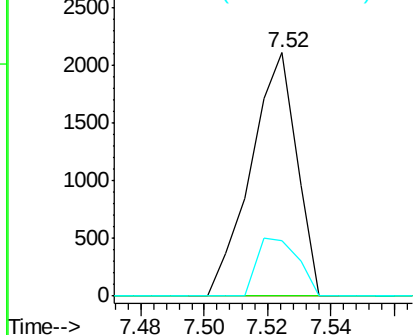


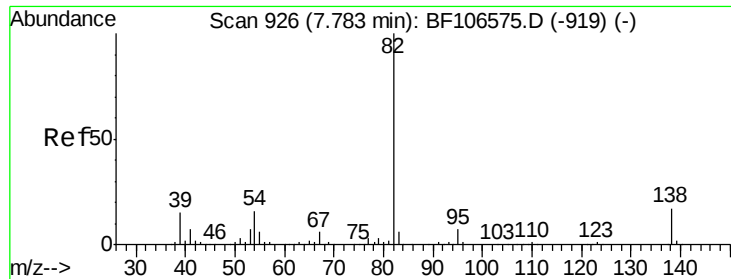
#24
 Nitrobenzene
 Concen: 0.275 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion: 77 Resp: 2118
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 22.9 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.399 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

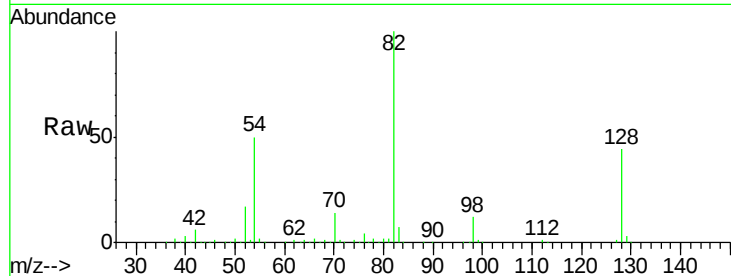
Tgt Ion: 82 Resp: 617497

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

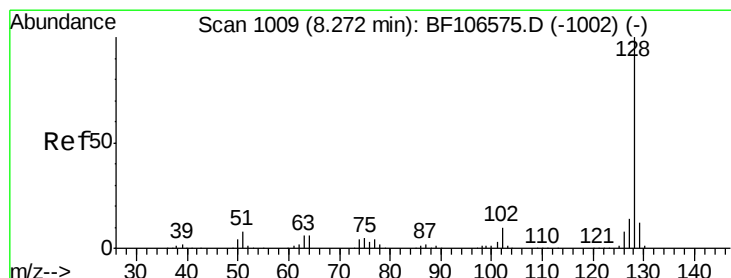
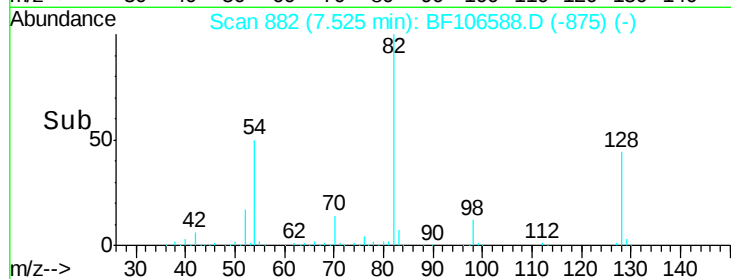
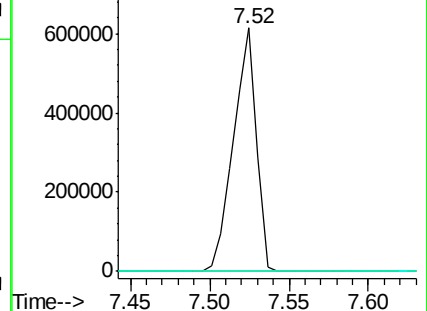
138 0.0 14.9 22.3#



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: 0.013 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

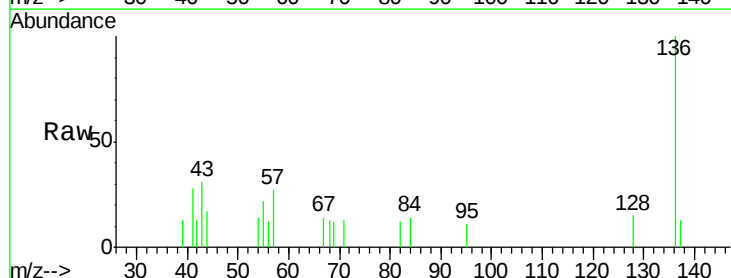
Tgt Ion: 128 Resp: 254

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

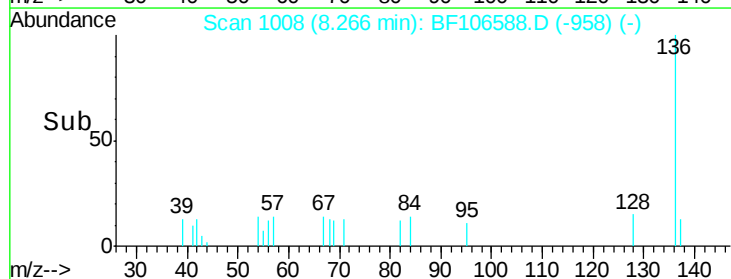
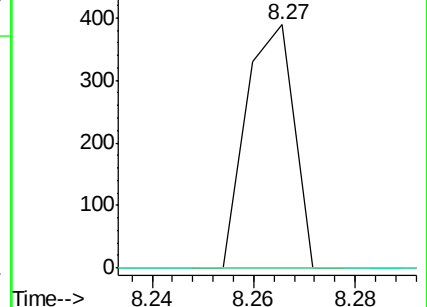
127 0.0 10.9 16.3#

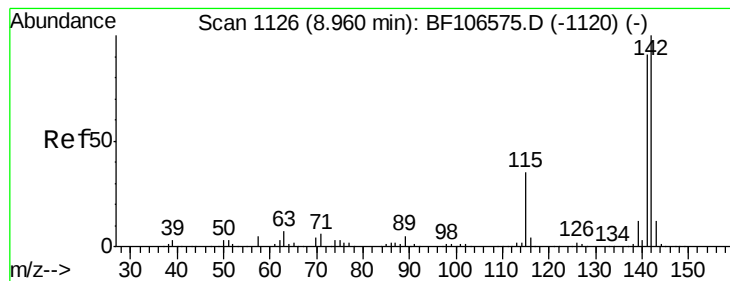


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 0.011 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

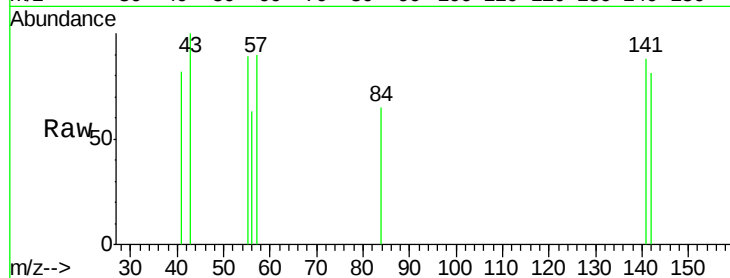
Tgt Ion:142 Resp: 137

Ion Ratio Lower Upper

142 100

141 109.3 70.8 106.2#

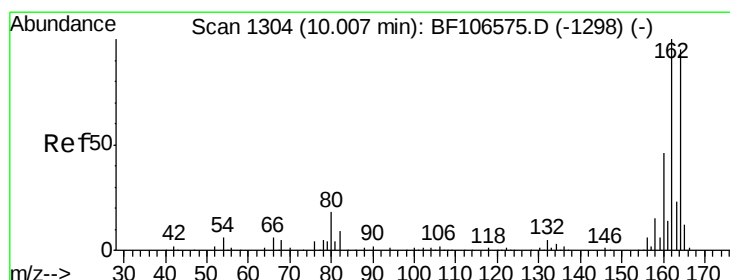
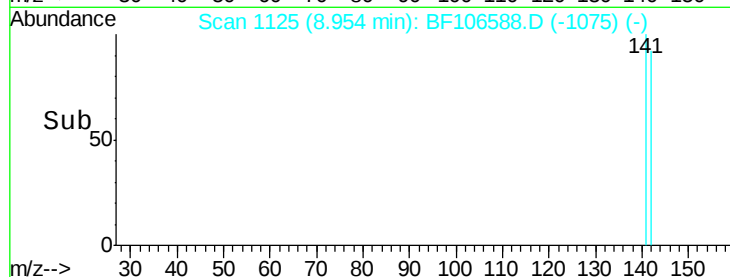
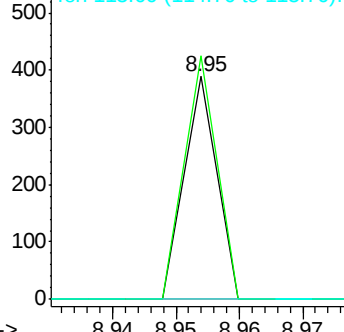
115 0.0 26.1 39.1#



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: BF106588.D

Acq: 19 Jun 2018 18:01

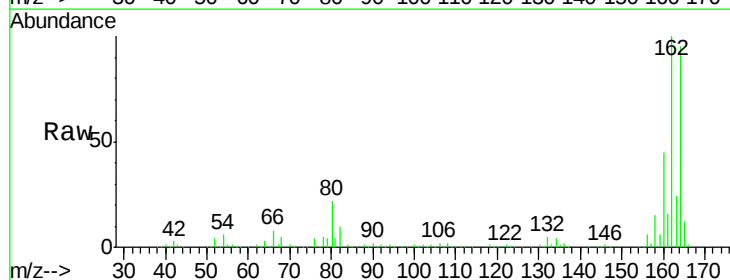
Tgt Ion:164 Resp: 191694

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

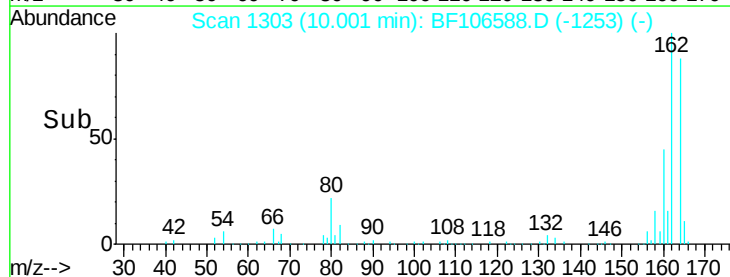
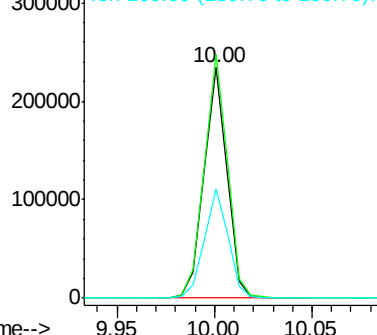
160 47.1 38.3 57.5

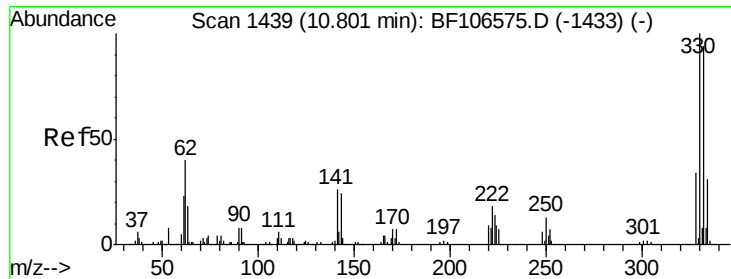


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

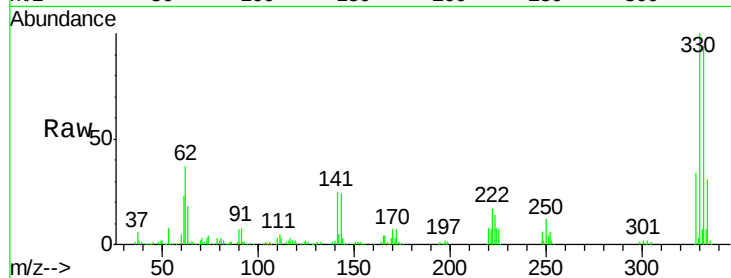




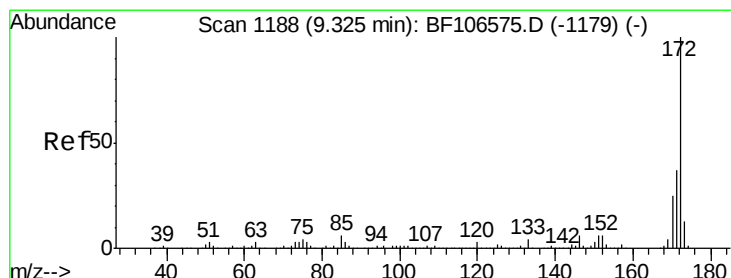
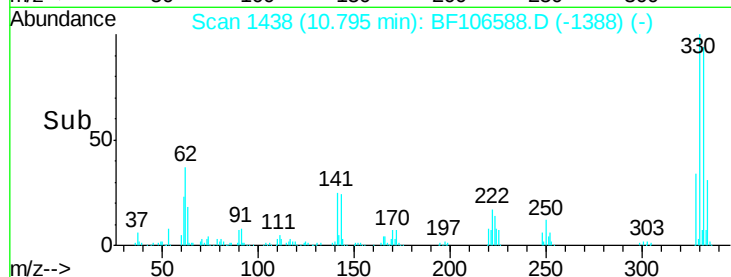
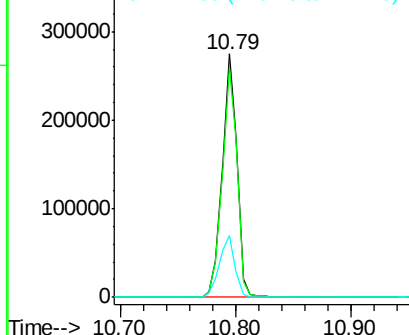
#41
 2,4,6-Tribromophenol
 Concen: 109.989 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

Tgt Ion:330 Resp: 244371
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 26.8 29.9 44.9#

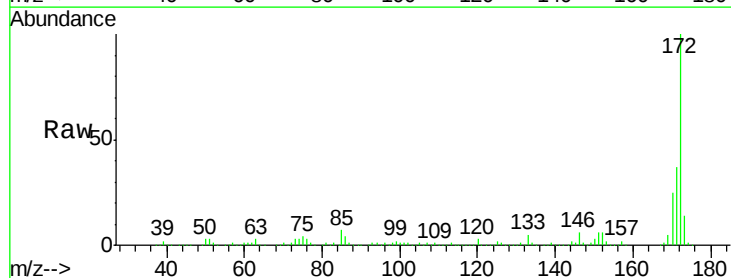


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

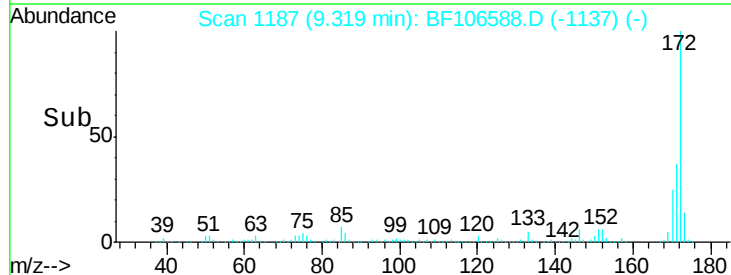
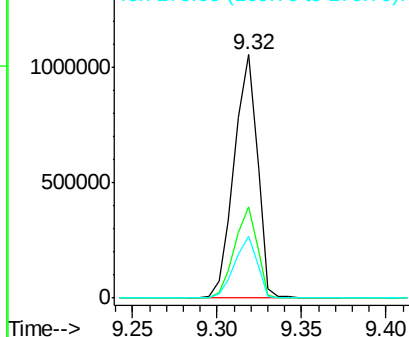


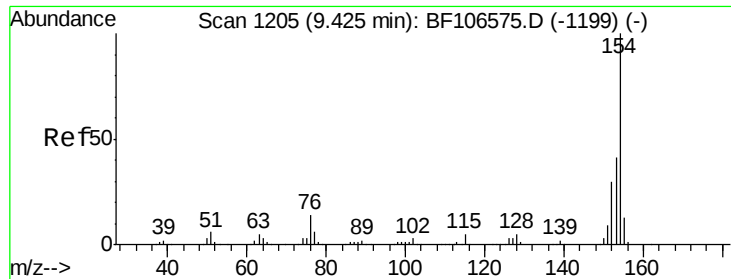
#44
 2-Fluorobiphenyl
 Concen: 90.795 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion:172 Resp: 1016890
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.3 19.6 29.4



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

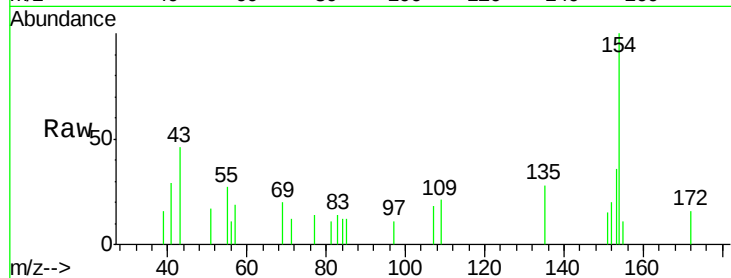




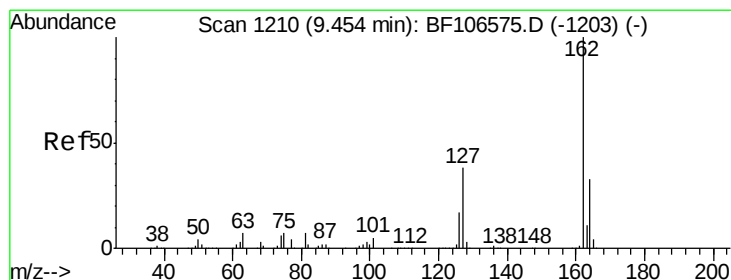
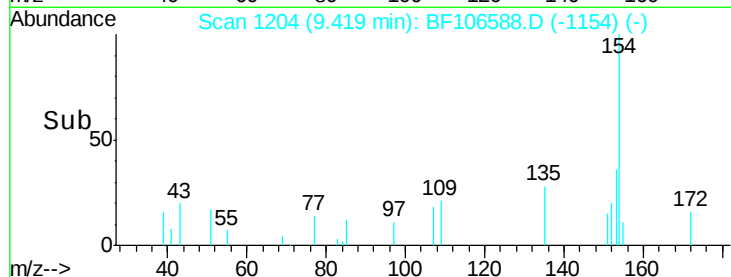
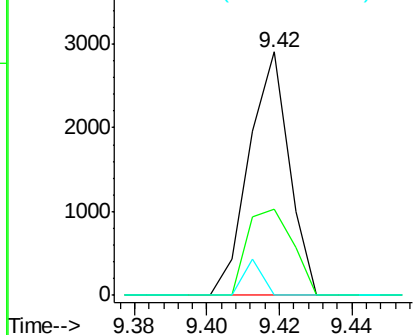
#45
 1,1'-Biphenyl
 Concen: 0.145 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

Tgt Ion:154 Resp: 2222
 Ion Ratio Lower Upper
 154 100
 153 35.6 21.3 61.3
 76 0.0 0.0 34.0

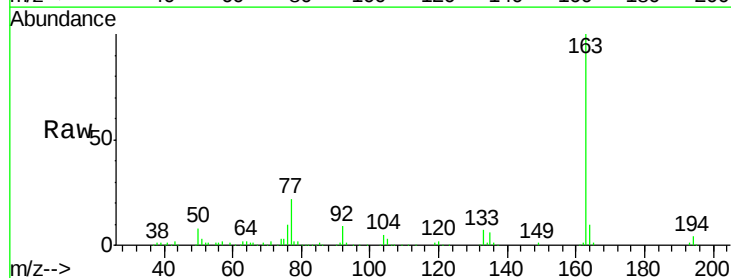


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

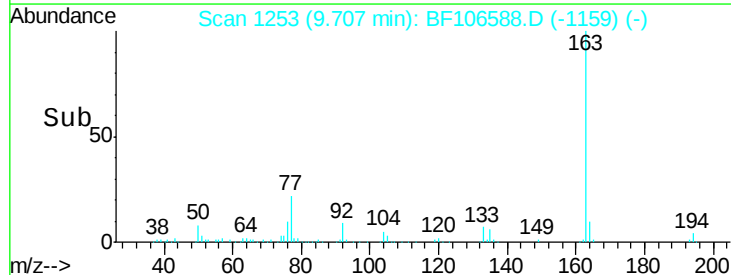
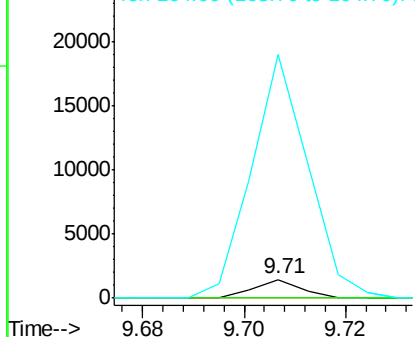


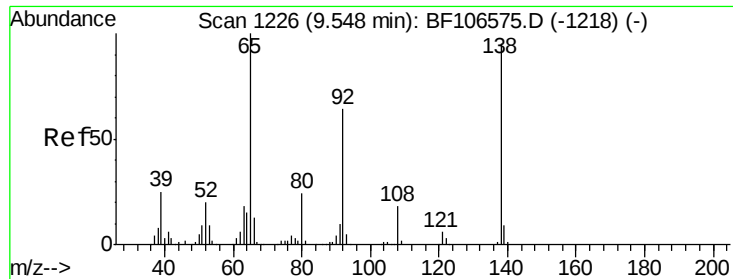
#46
 2-Chloronaphthalene
 Concen: 0.074 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. 0.25 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion:162 Resp: 895
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 1322.0 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

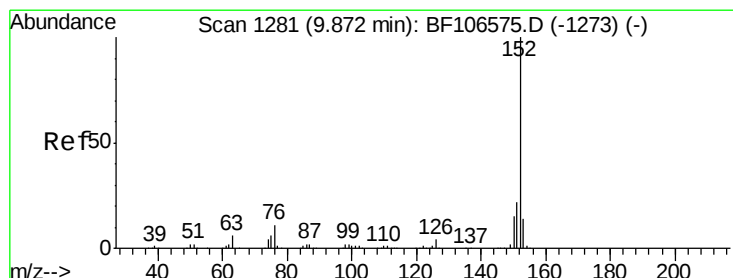
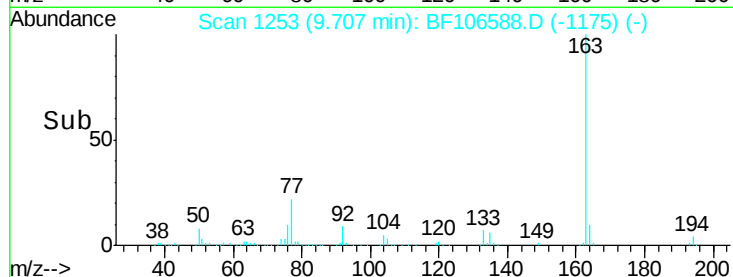
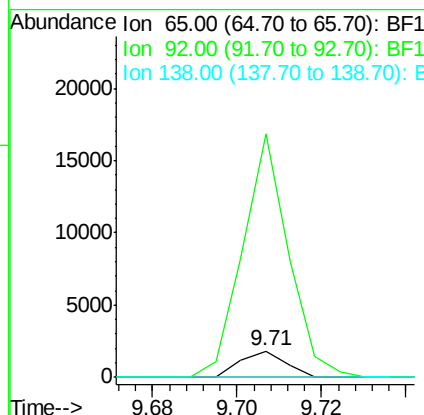
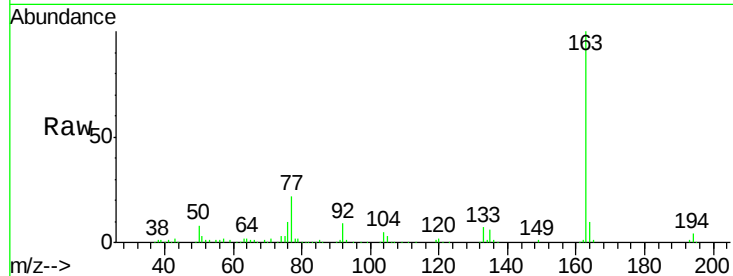




#47
 2-Nitroaniline
 Concen: 0.331 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. 0.16 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

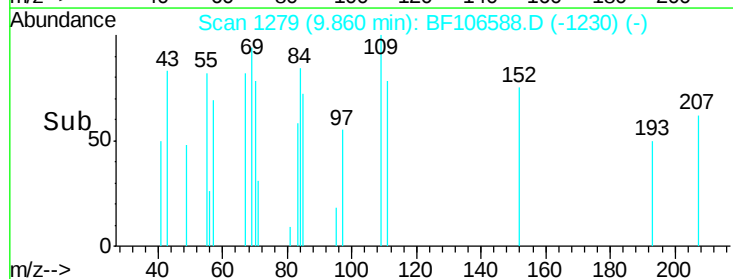
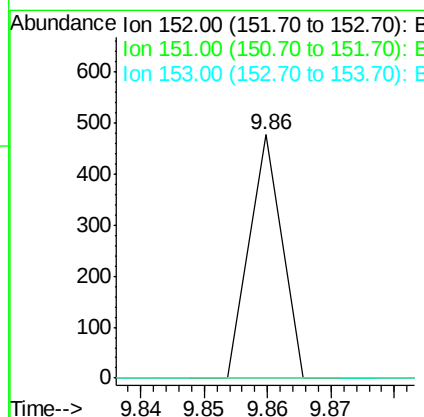
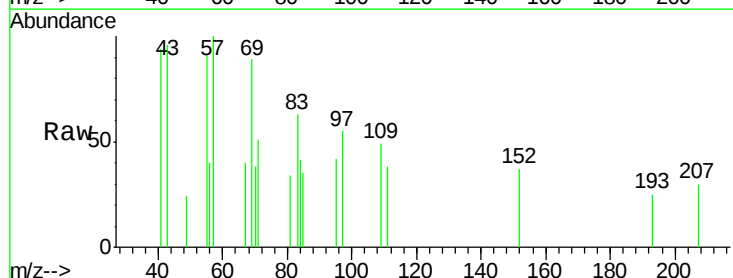
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

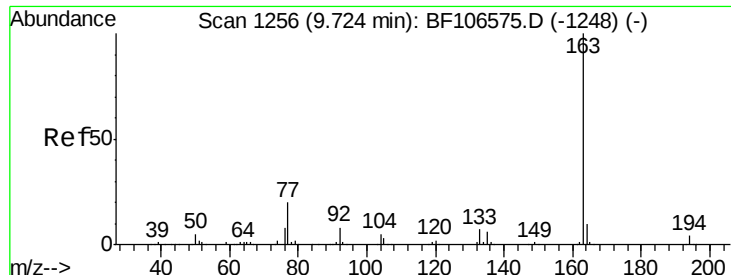
Tgt Ion: 65 Resp: 1339
 Ion Ratio Lower Upper
 65 100
 92 929.2 55.8 83.6#
 138 0.0 91.2 136.8#



#48
 Acenaphthylene
 Concen: 0.009 ng
 RT: 9.86 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion: 152 Resp: 168
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.3 24.5#
 153 0.0 10.7 16.1#

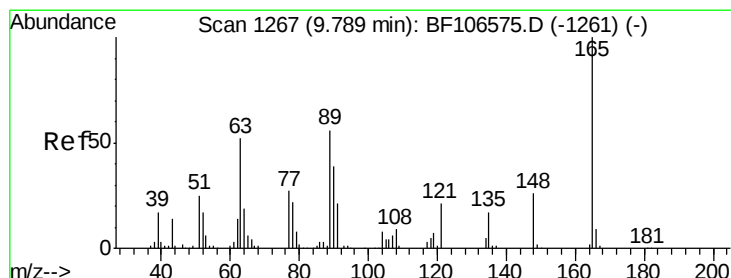
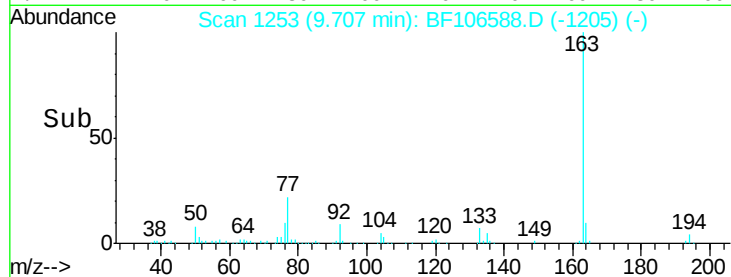
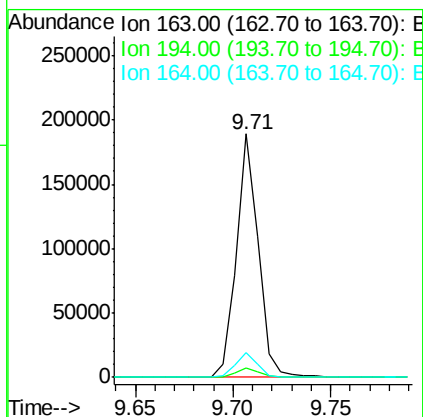
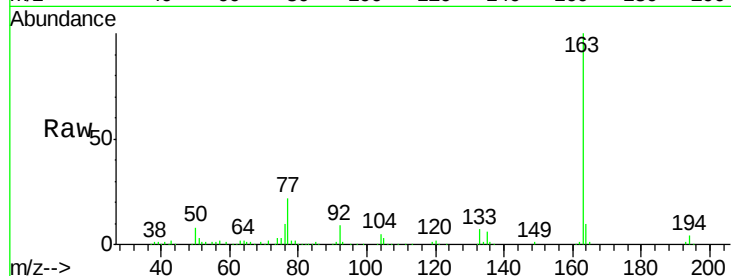




#49
Dimethylphthalate
Concen: 10.204 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

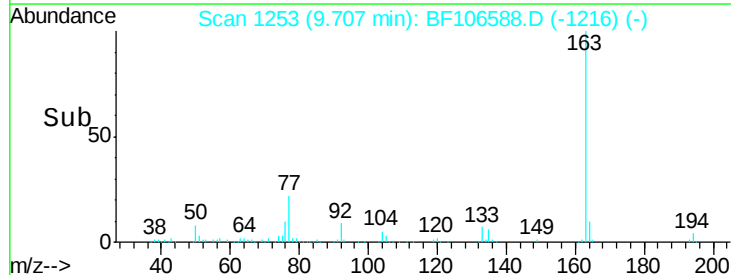
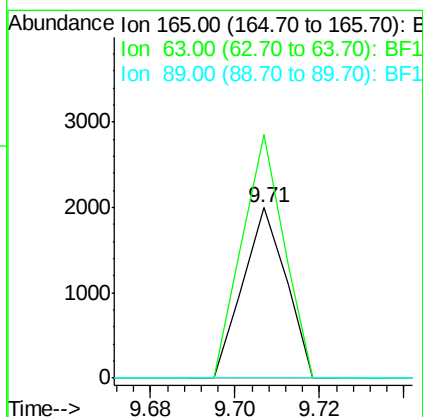
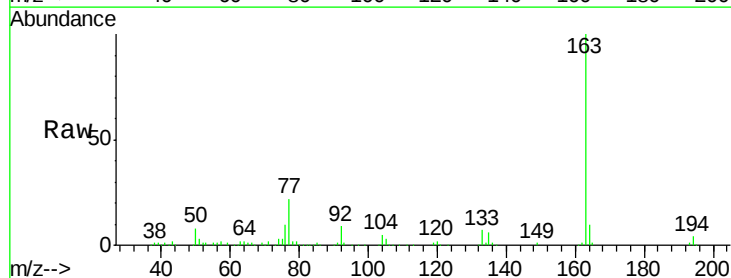
Instrument :
BNA_F
ClientSampled :
TP-6-D

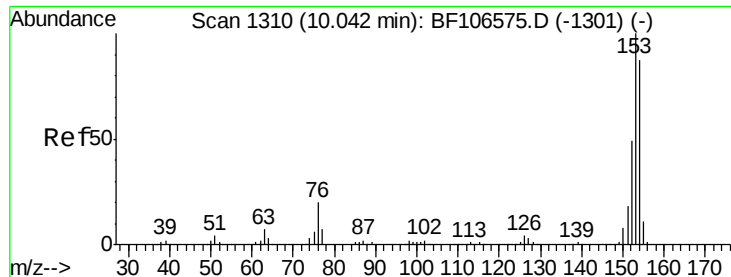
Tgt Ion:163 Resp: 146705
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 0.466 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.08 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

Tgt Ion:165 Resp: 1419
Ion Ratio Lower Upper
165 100
63 143.0 44.7 67.1#
89 0.0 44.0 66.0#





#51

Acenaphthene

Concen: 0.068 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

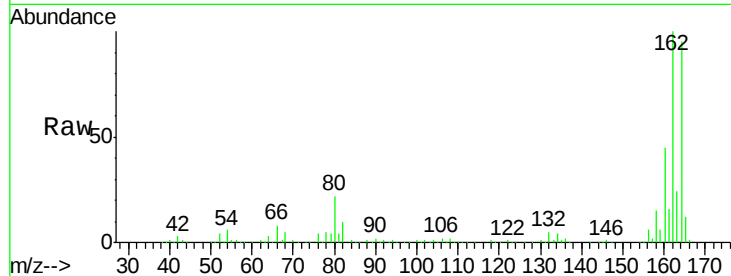
Tgt Ion:154 Resp: 812

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

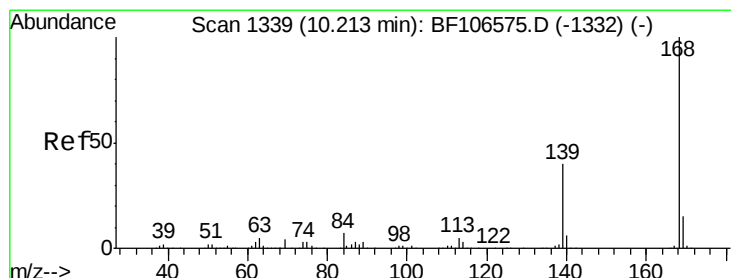
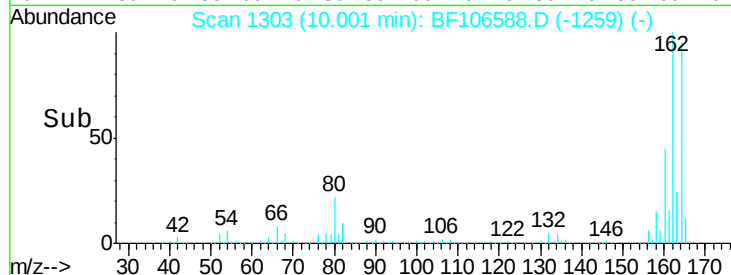
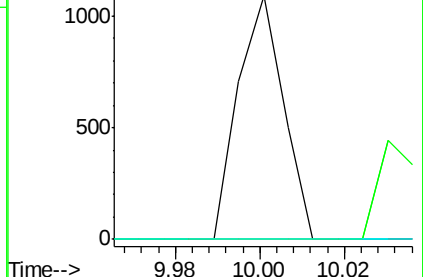
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.016 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

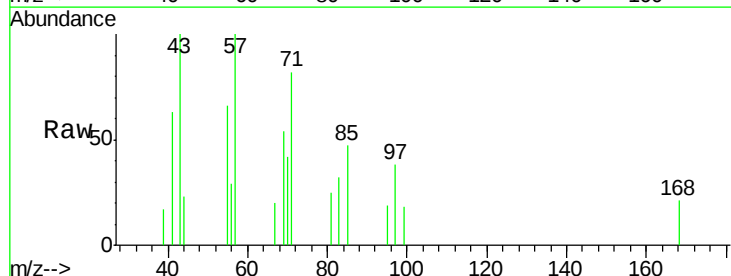
Tgt Ion:168 Resp: 254

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

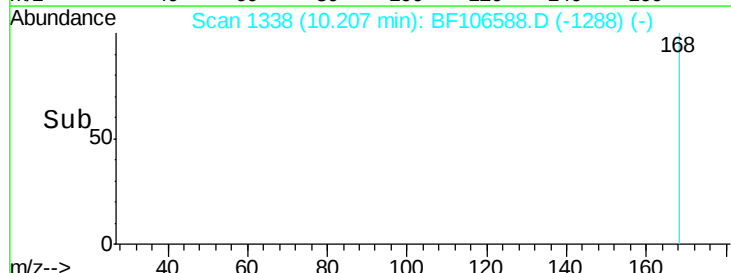
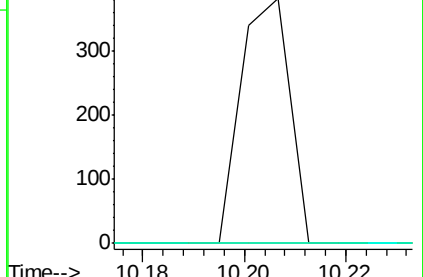
169 0.0 10.9 16.3#

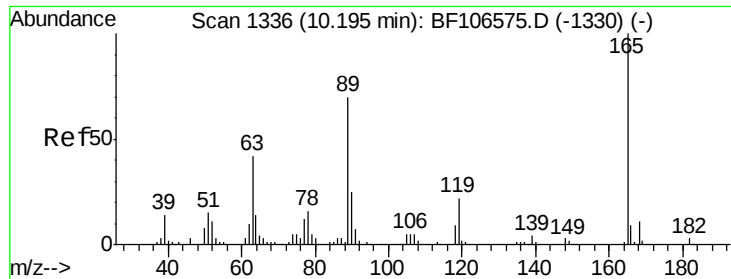


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

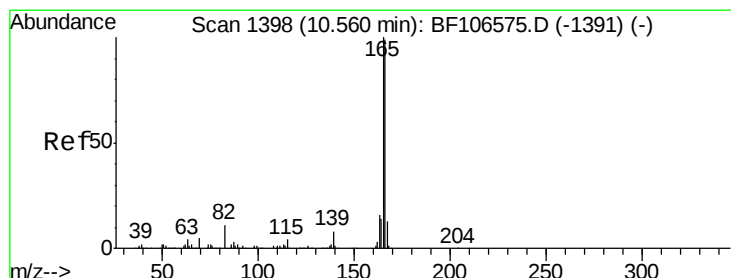
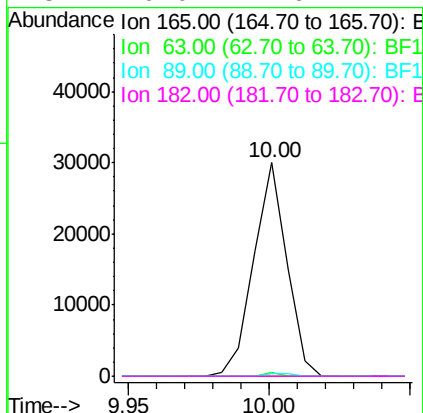
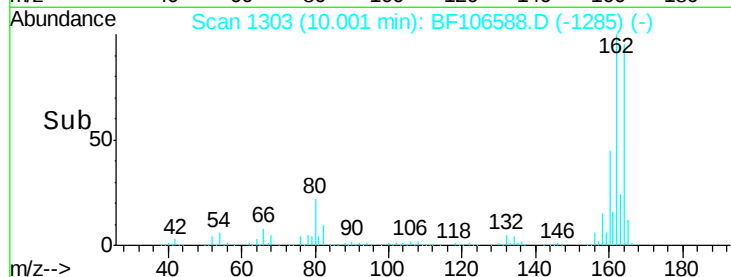
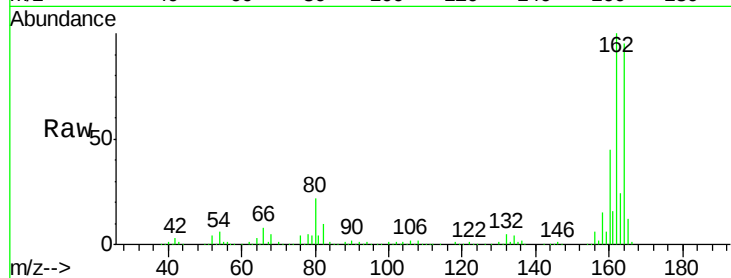




#56
2,4-Dinitrotoluene
Concen: 6.144 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

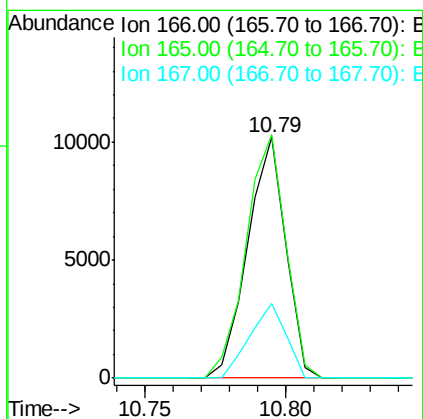
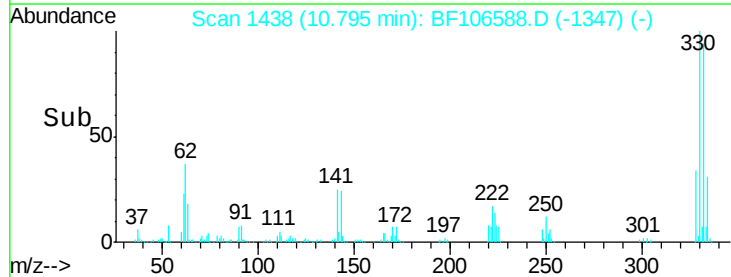
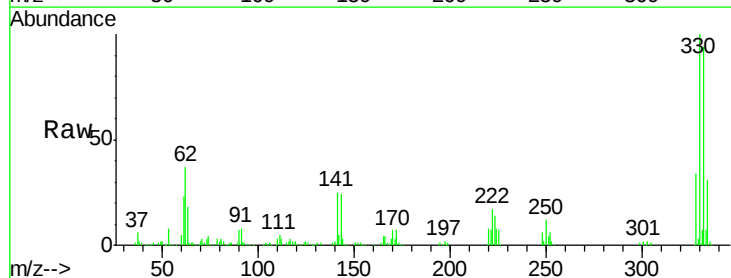
Instrument :
BNA_F
ClientSampleId :
TP-6-D

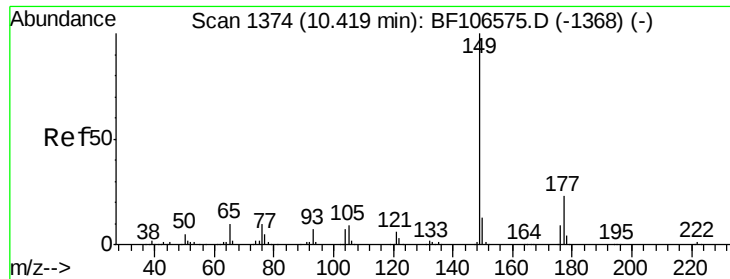
Tgt Ion:	165	Resp:	24417
Ion Ratio	Lower	Upper	
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.732 ng
RT: 10.79 min Scan# 1438
Delta R.T. 0.24 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

Tgt Ion:	166	Resp:	9514
Ion Ratio	Lower	Upper	
166	100		
165	101.2	79.8	119.8
167	31.0	10.6	16.0#

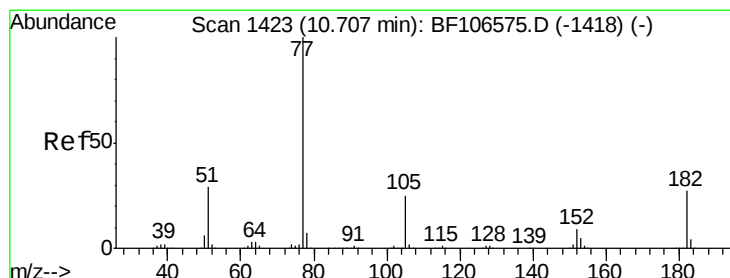
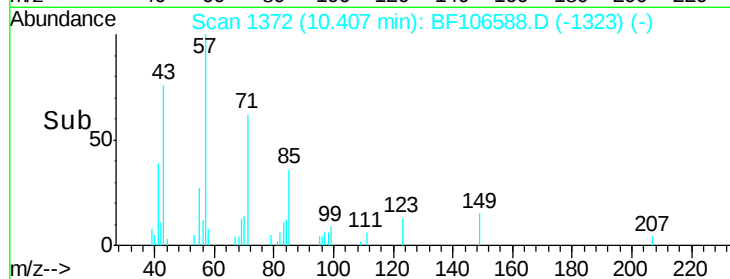
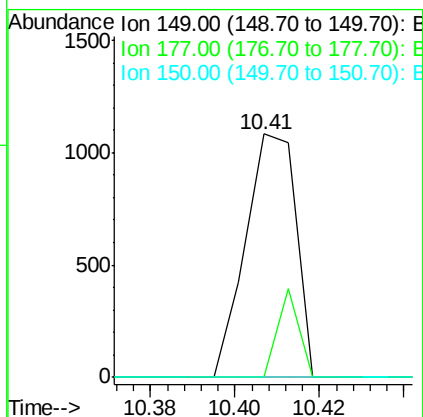
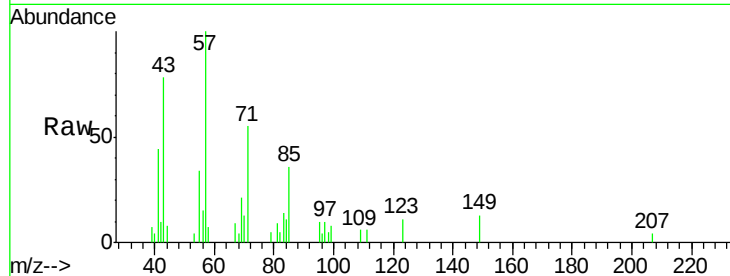




#59
Diethylphthalate
Concen: 0.065 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

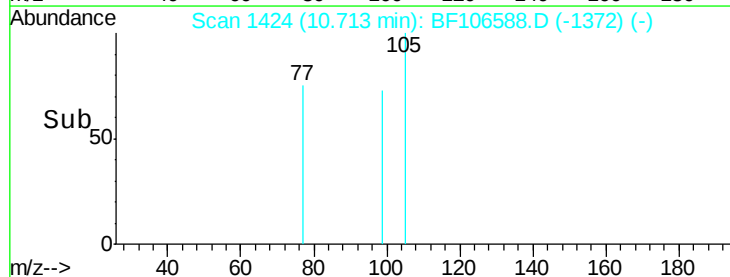
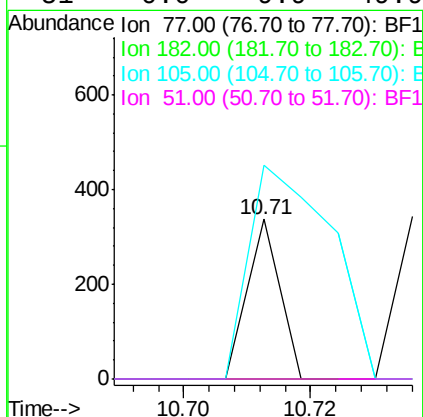
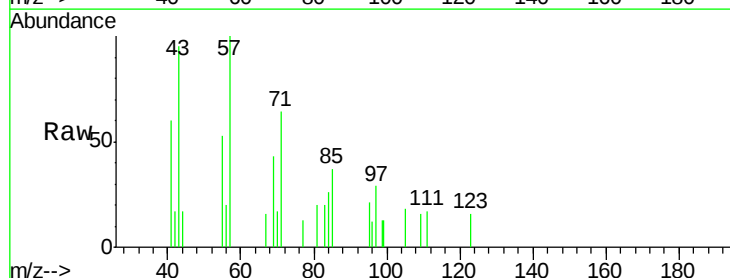
Instrument :
BNA_F
ClientSampleId :
TP-6-D

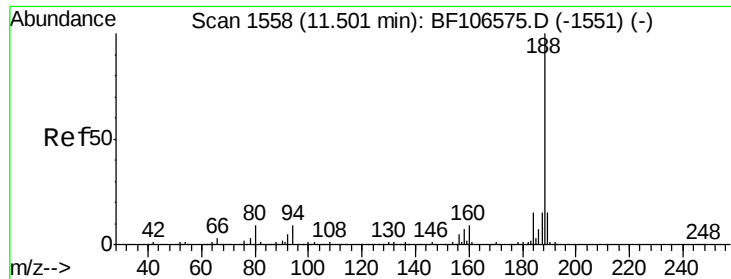
Tgt Ion: 149 Resp: 902
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.009 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

Tgt Ion: 77 Resp: 119
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 133.8 3.0 43.0#
51 0.0 9.9 49.9#

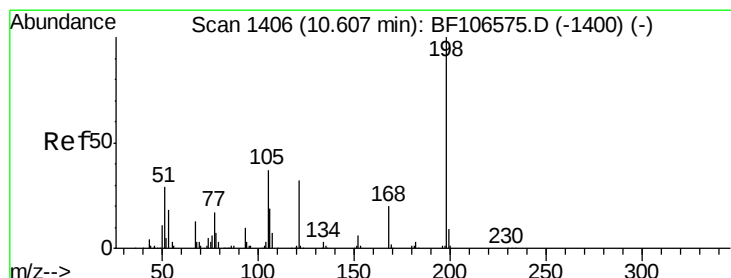
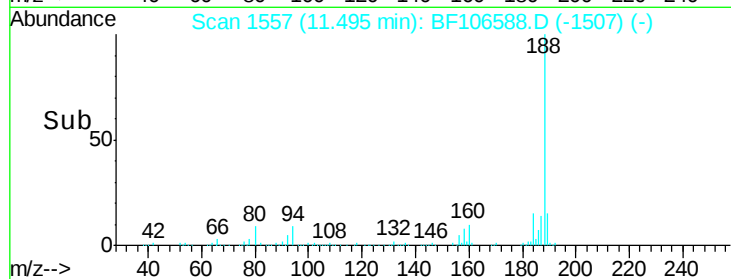
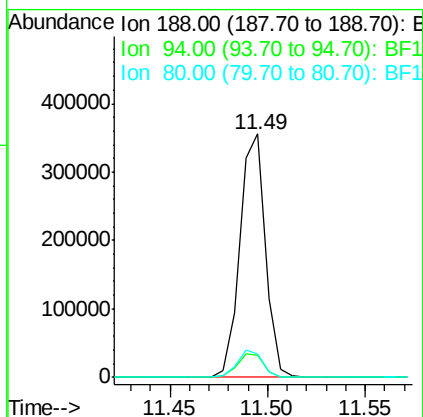
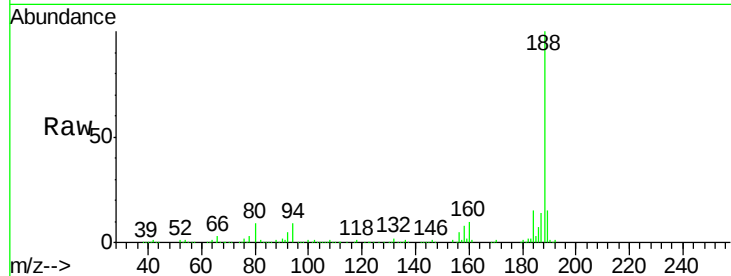




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

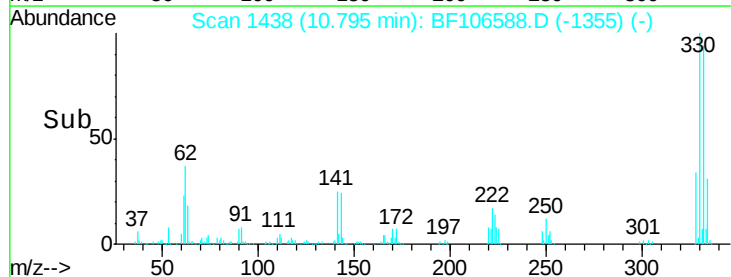
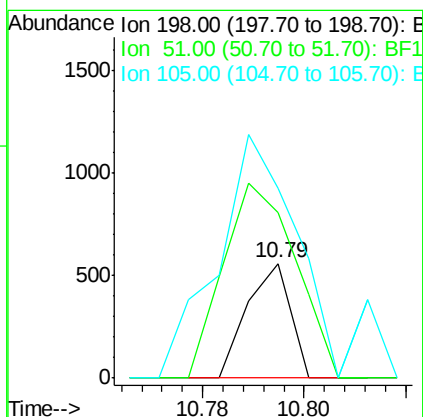
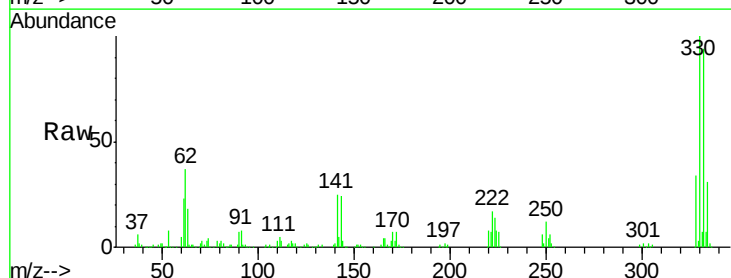
Instrument :
BNA_F
ClientSampleId :
TP-6-D

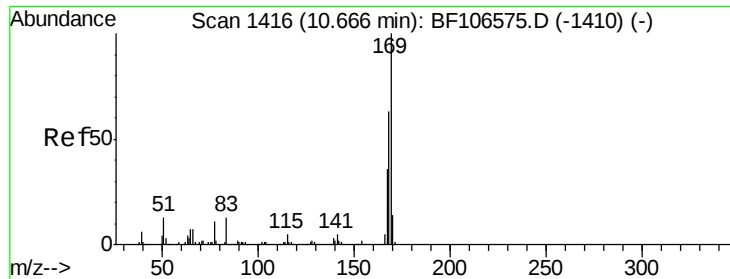
Tgt Ion:188 Resp: 323012
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 0.165 ng
RT: 10.79 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

Tgt Ion:198 Resp: 329
Ion Ratio Lower Upper
198 100
51 144.4 37.7 77.7#
105 165.8 36.3 76.3#

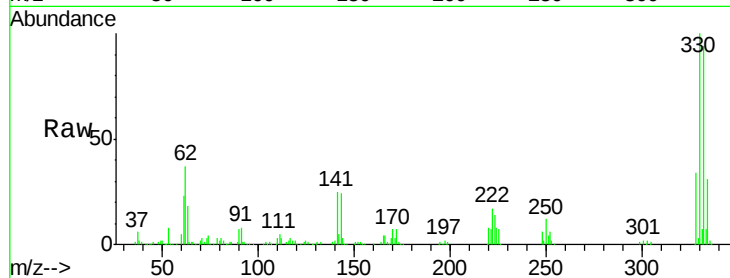




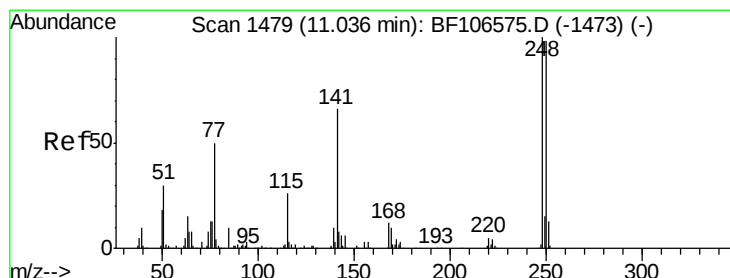
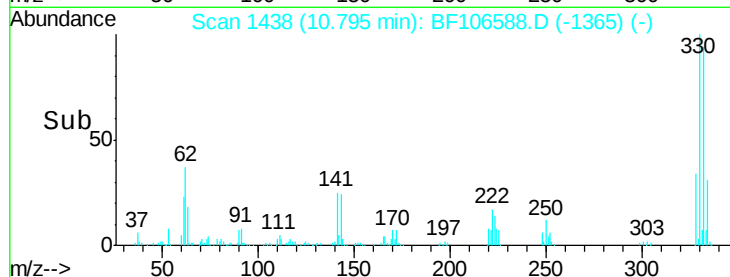
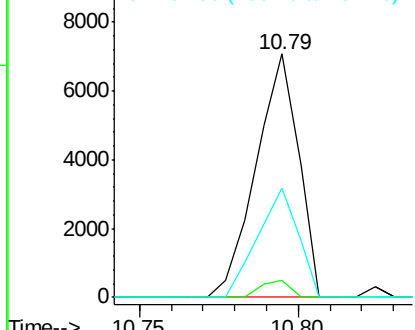
#65
 n-Nitrosodiphenylamine
 Concen: 0.606 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. 0.13 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

Tgt Ion:169 Resp: 6581
 Ion Ratio Lower Upper
 169 100
 168 7.2 54.4 81.6#
 167 44.6 29.8 44.6

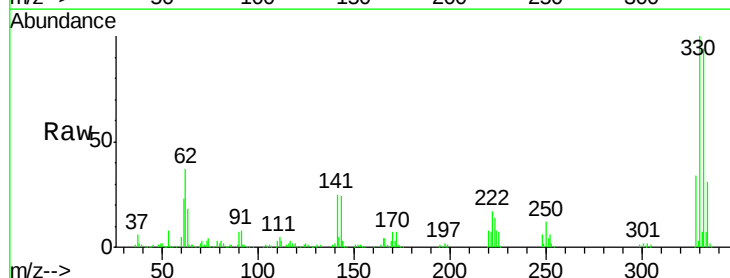


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

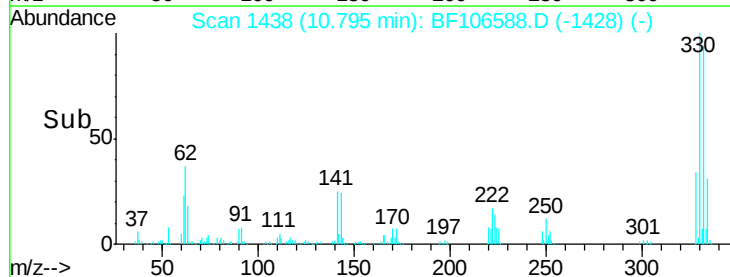
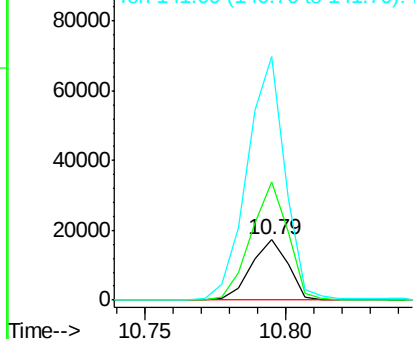


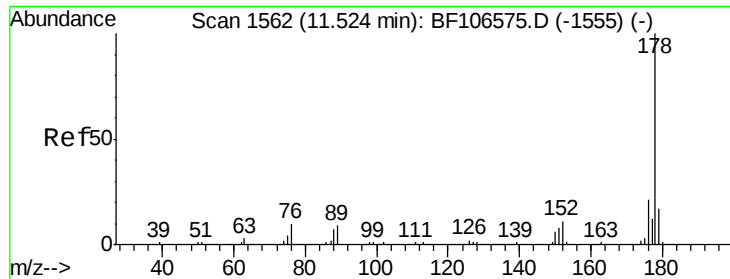
#66
 4-Bromophenyl-phenylether
 Concen: 4.046 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion:248 Resp: 15598
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 404.5 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

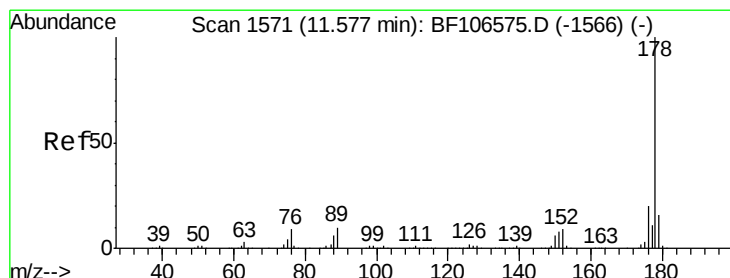
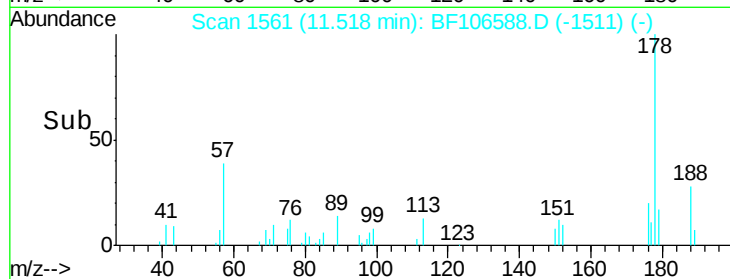
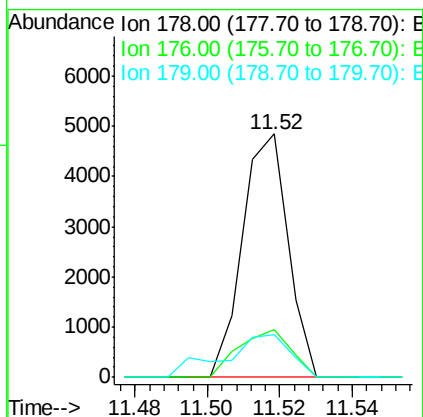
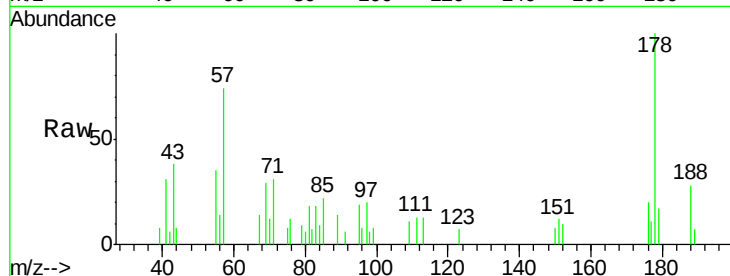




#70
 Phenanthrene
 Concen: 0.271 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

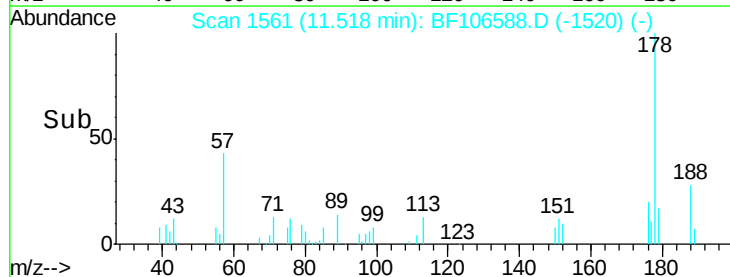
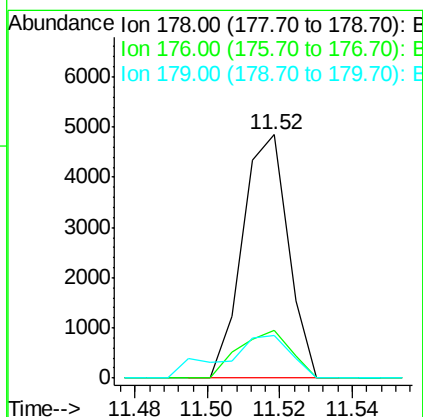
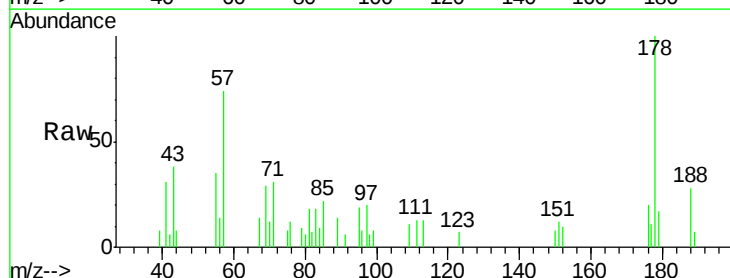
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

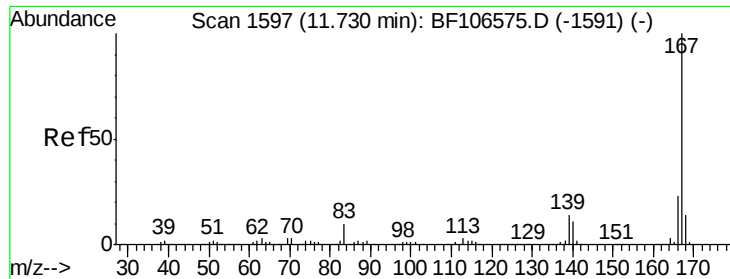
Tgt Ion:178 Resp: 4218
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 17.3 13.0 19.6



#71
 Anthracene
 Concen: 0.265 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.06 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion:178 Resp: 4218
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 17.3 12.6 19.0

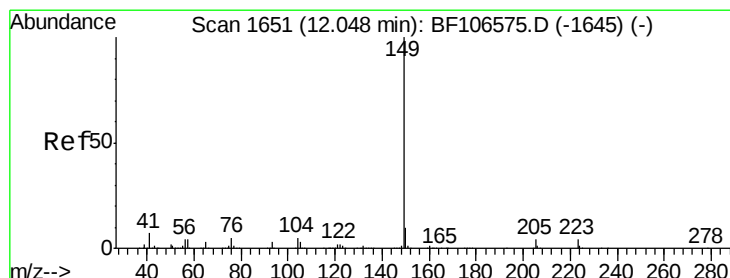
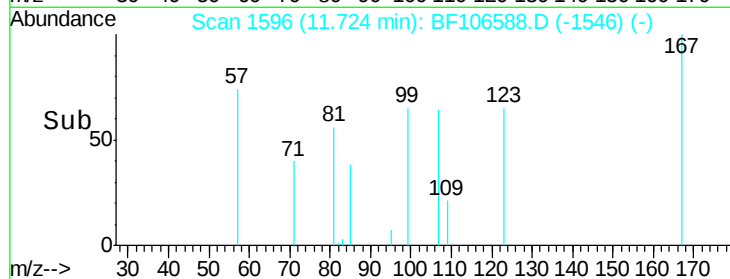
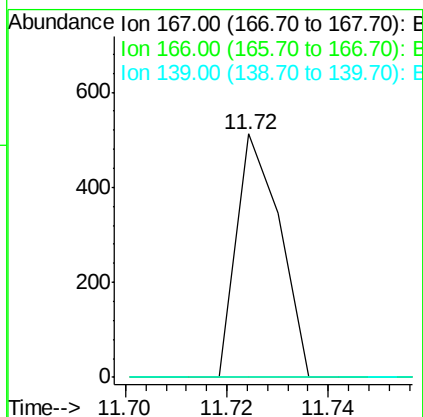
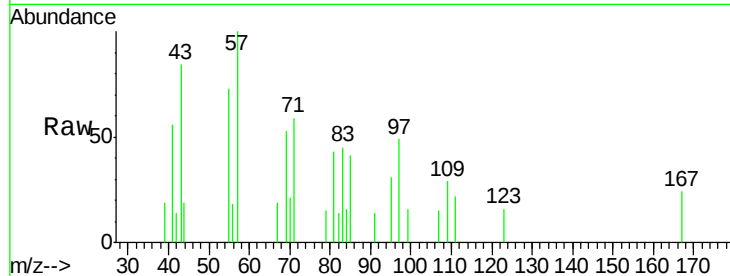




#72
 Carbazole
 Concen: 0.020 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

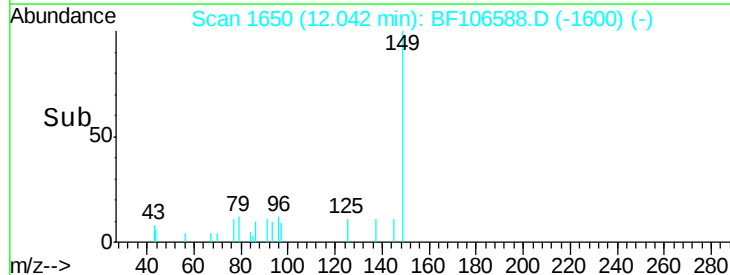
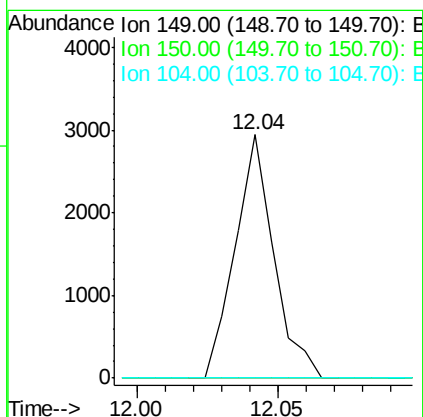
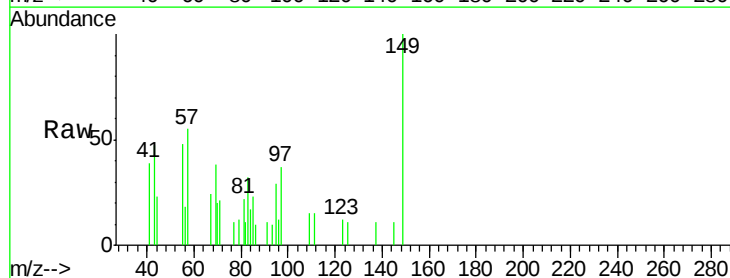
Instrument :
 BNA_F
 ClientSampled :
 TP-6-D

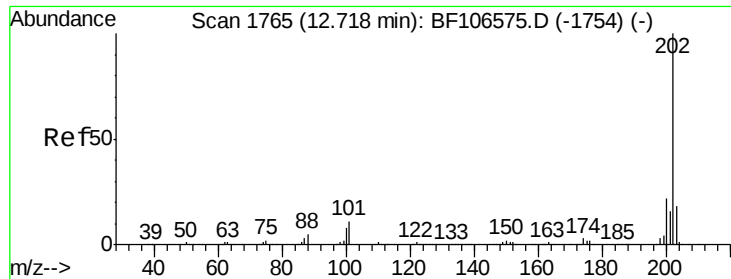
Tgt Ion:167 Resp: 303
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#



#73
 Di-n-butylphthalate
 Concen: 0.160 ng
 RT: 12.04 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion:149 Resp: 2807
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.8 5.8#

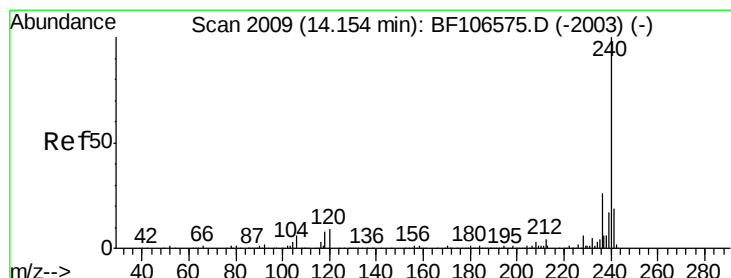
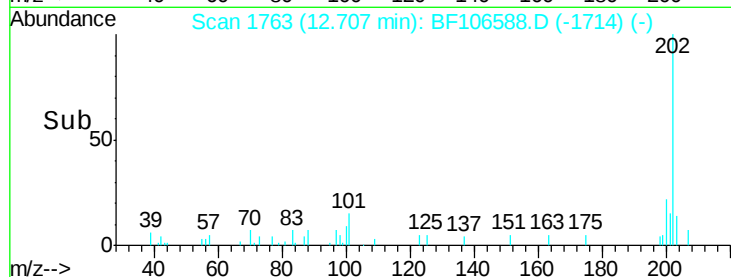
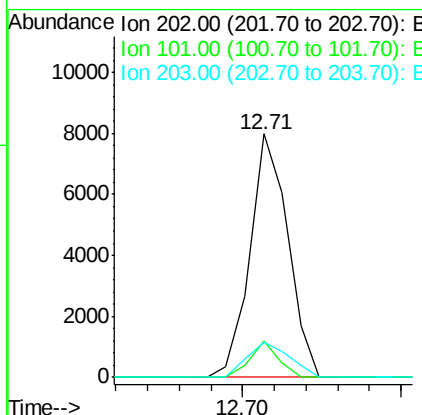
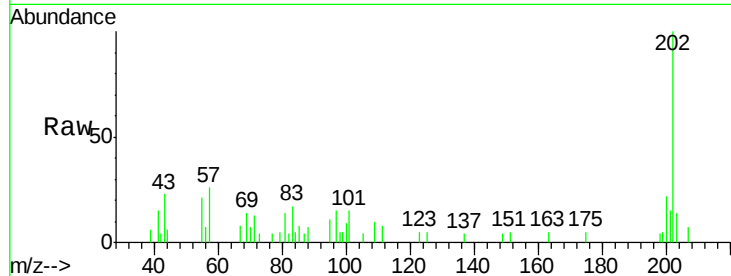




#74
 Fluoranthene
 Concen: 0.386 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

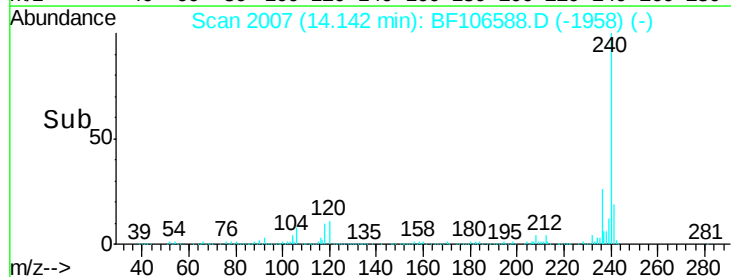
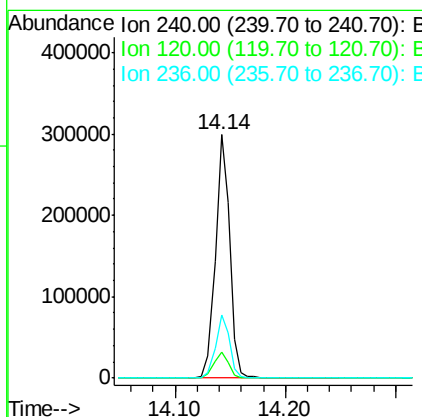
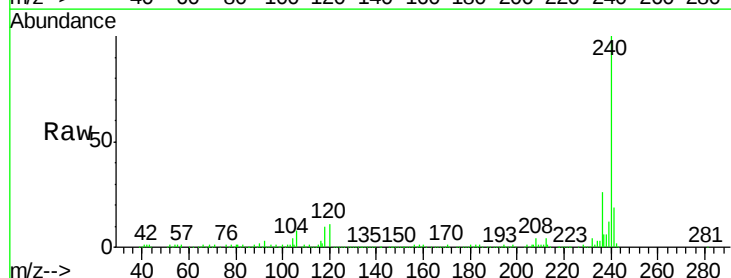
Instrument :
 BNA_F
 ClientSampled :
 TP-6-D

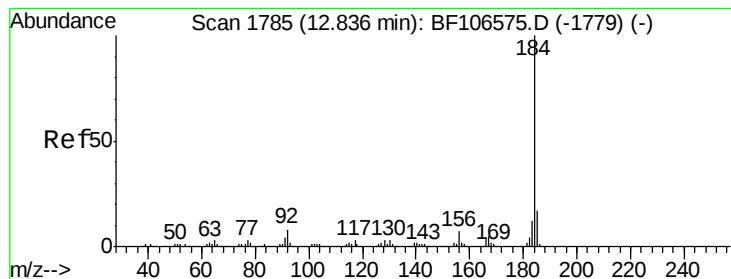
Tgt Ion: 202 Resp: 6625
 Ion Ratio Lower Upper
 202 100
 101 15.1 0.0 34.1
 203 14.2 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion: 240 Resp: 265004
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.7 20.7 31.1





#76

Benzidine

Concen: 1.400 ng

RT: 13.08 min Scan# 1826

Delta R.T. 0.24 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

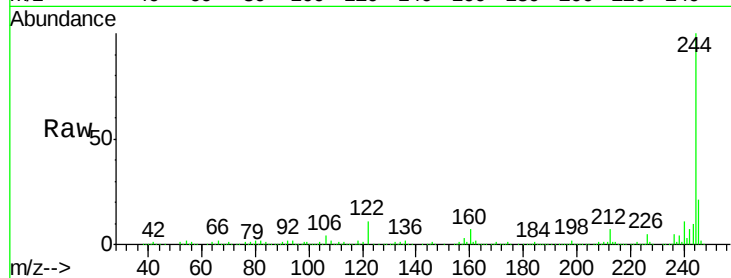
Tgt Ion:184 Resp: 10565

Ion Ratio Lower Upper

184 100

185 19.5 12.6 18.8#

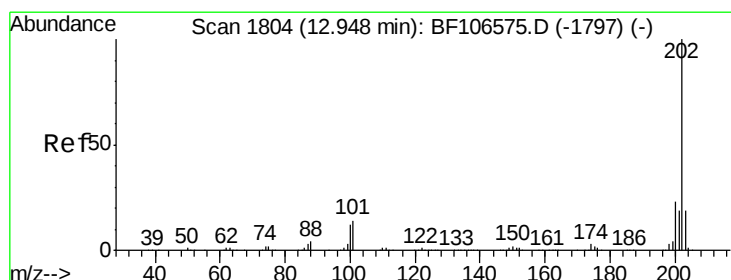
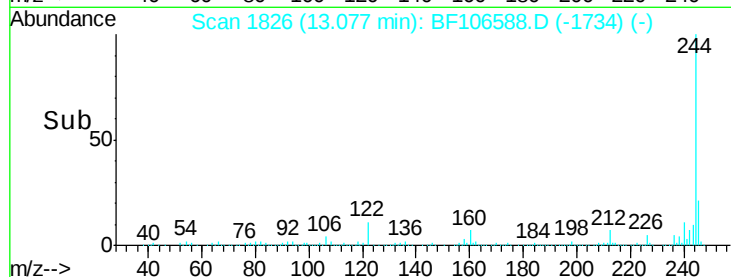
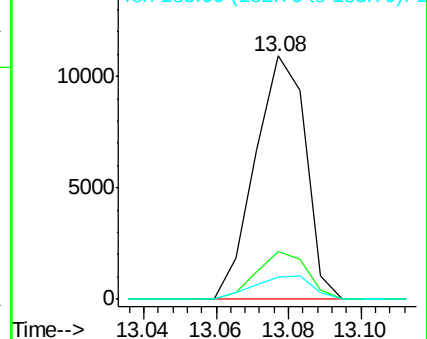
183 9.2 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.368 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

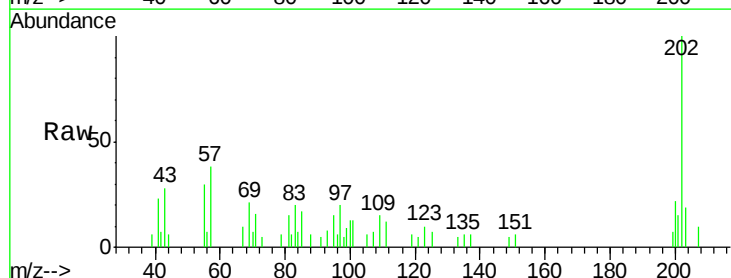
Tgt Ion:202 Resp: 6434

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

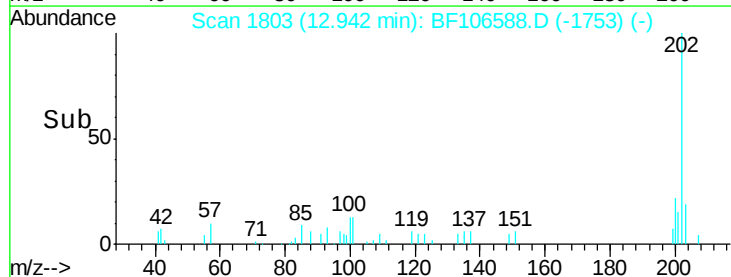
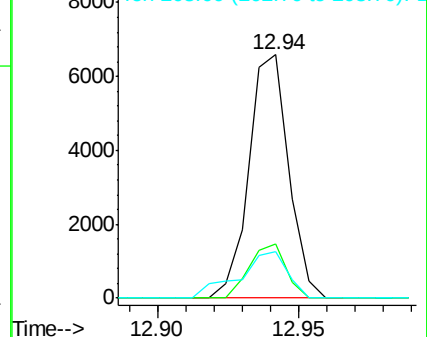
203 18.9 14.3 21.5

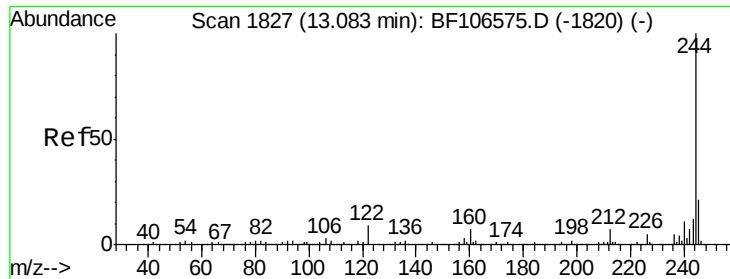


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

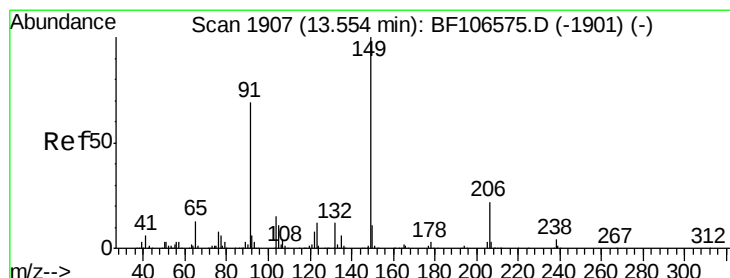
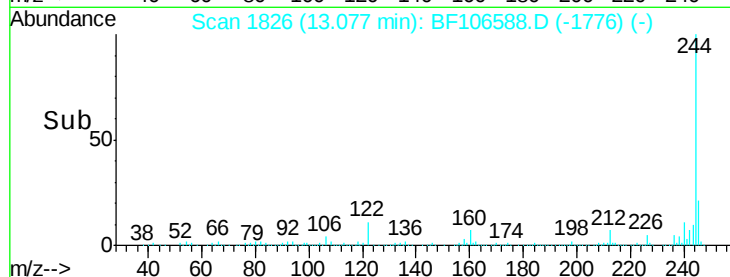
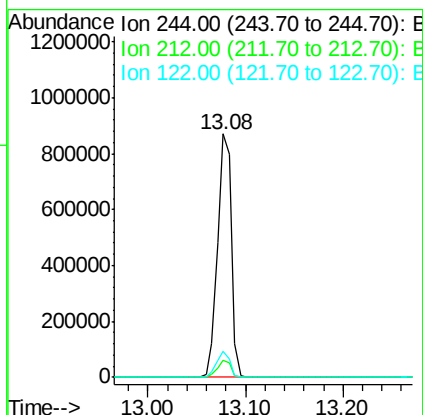
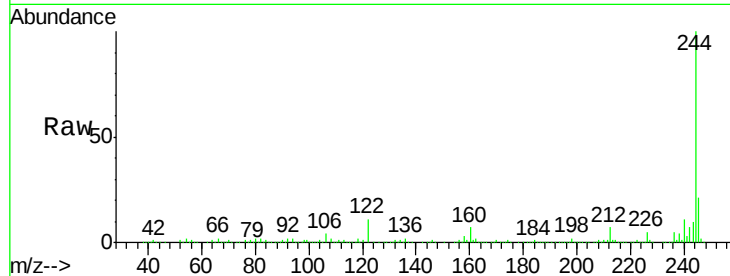




#78
 Terphenyl-d14
 Concen: 78.325 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

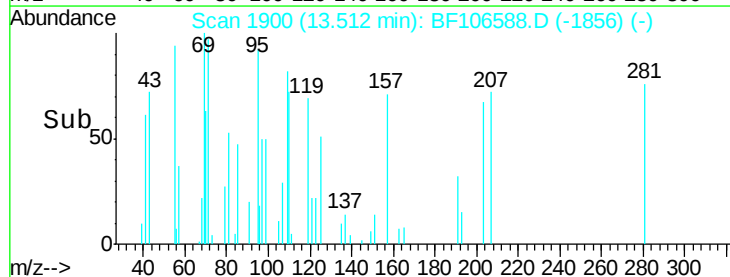
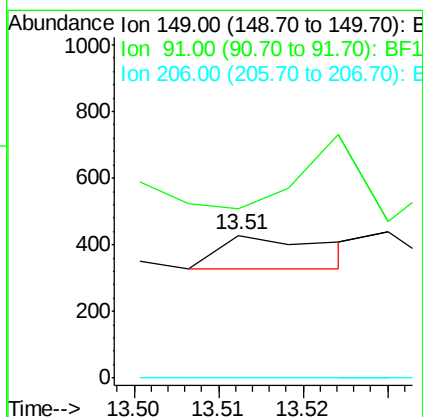
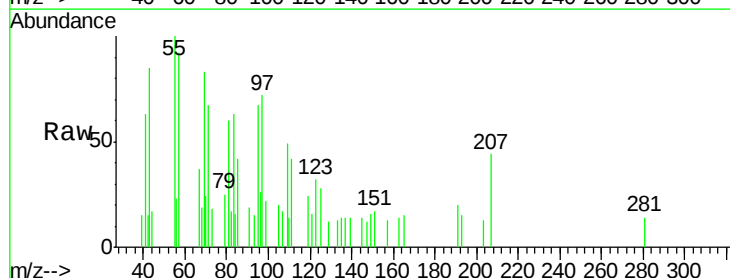
Instrument :
 BNA_F
 ClientSampleID :
 TP-6-D

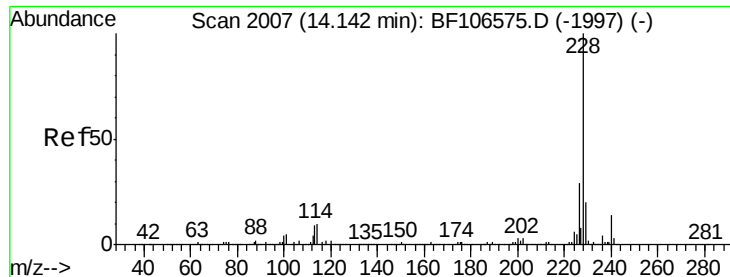
Tgt Ion: 244 Resp: 856888
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.8 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 0.012 ng
 RT: 13.51 min Scan# 1900
 Delta R.T. -0.04 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion: 149 Resp: 88
 Ion Ratio Lower Upper
 149 100
 91 118.5 56.8 85.2#
 206 0.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 0.341 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

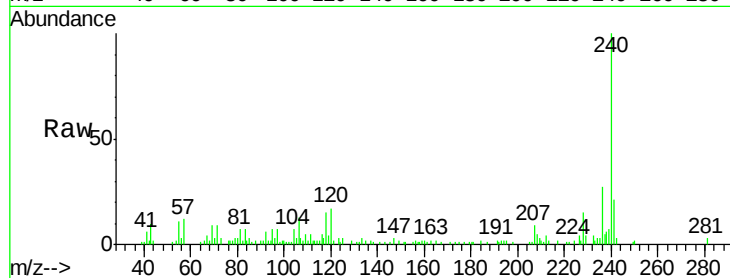
Instrument :

BNA_F

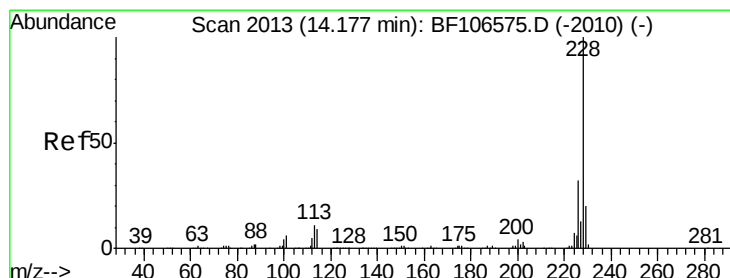
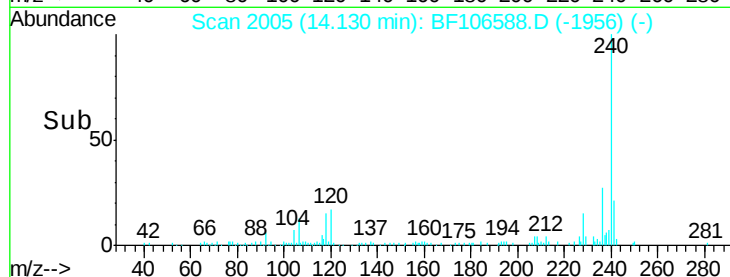
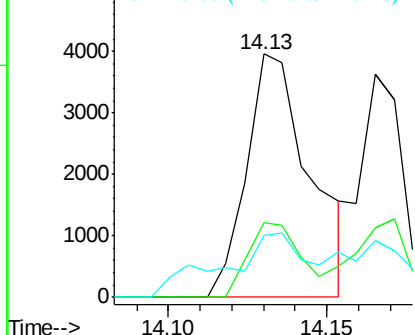
ClientSampleId :

TP-6-D

Tgt Ion:	228	Resp:	5511
Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	25.4	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: 0.189 ng

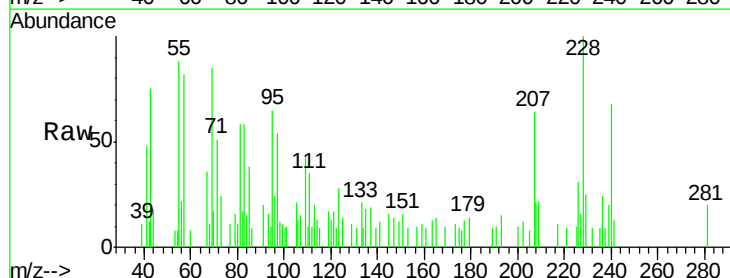
RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

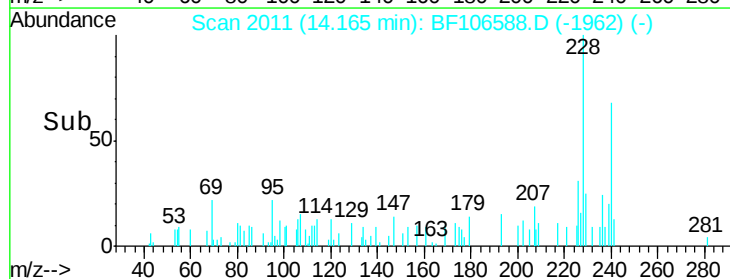
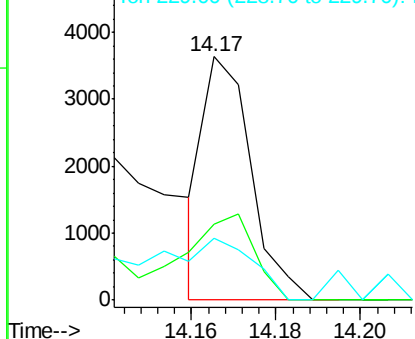
Lab File: BF106588.D

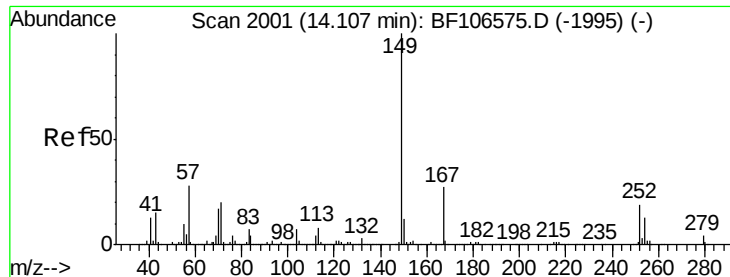
Acq: 19 Jun 2018 18:01

Tgt Ion:	228	Resp:	2811
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	25.4	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: 0.219 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

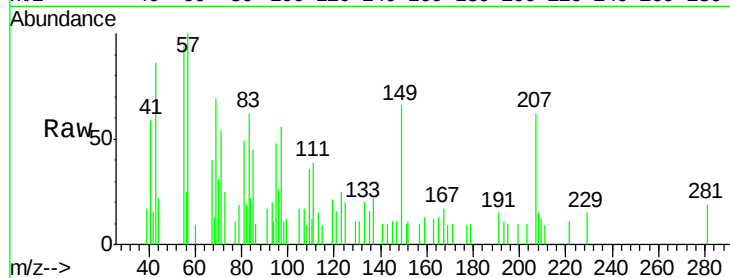
Tgt Ion:149 Resp: 2008

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

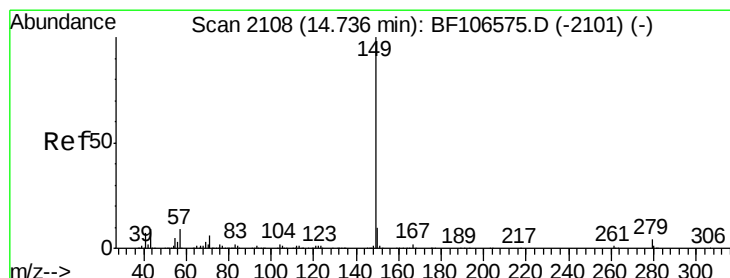
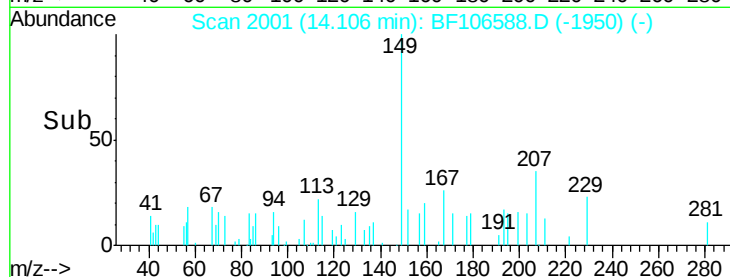
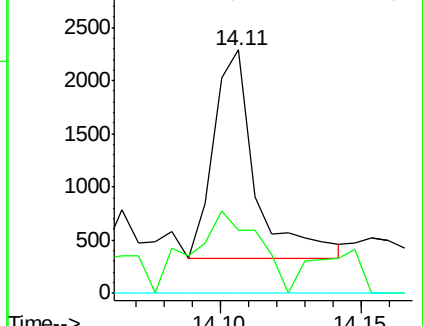
279 0.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 14.71 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

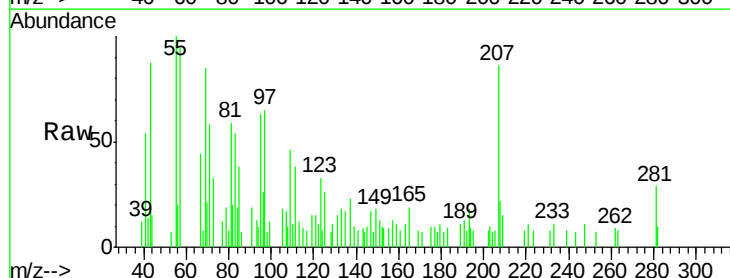
Tgt Ion:149 Resp: 91

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

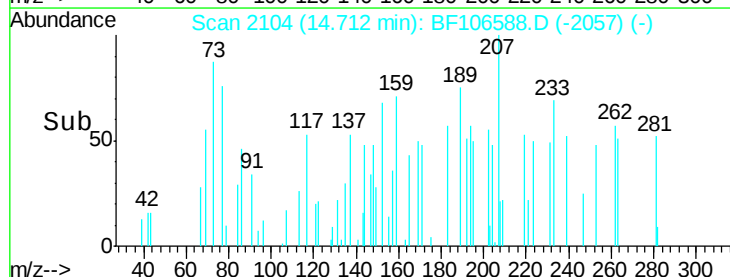
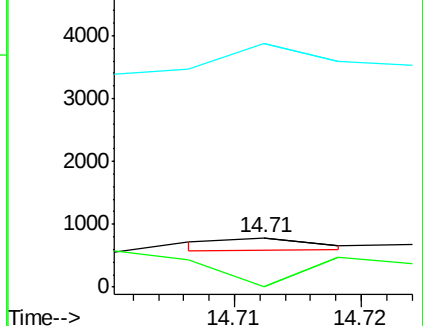
43 360.4 8.4 12.6#

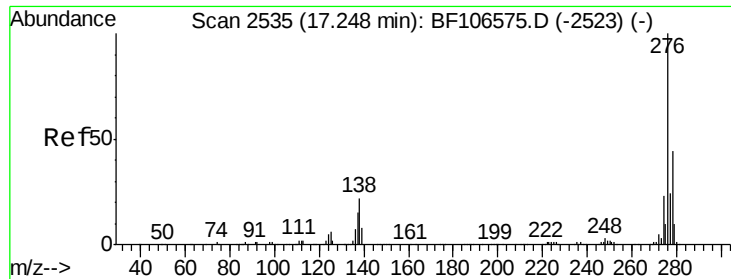


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

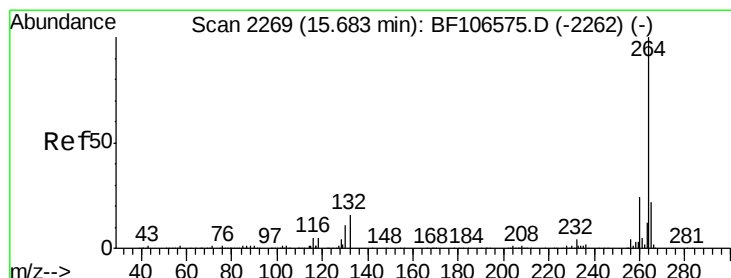
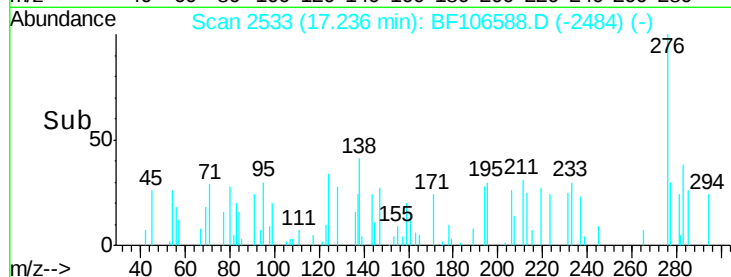
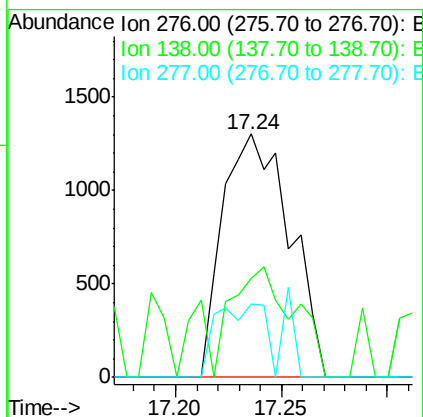
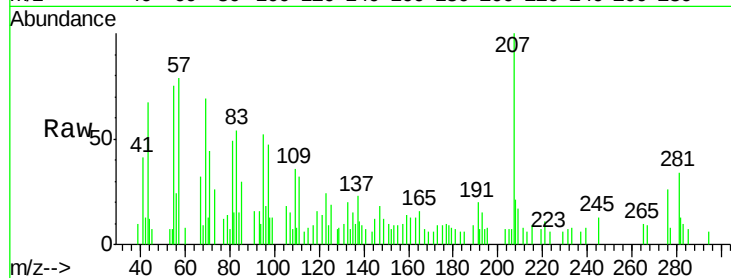




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.229 ng
 RT: 17.24 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

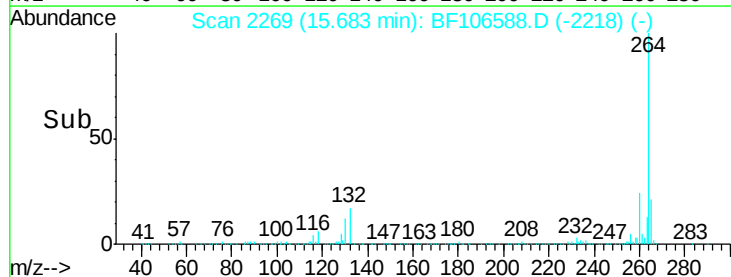
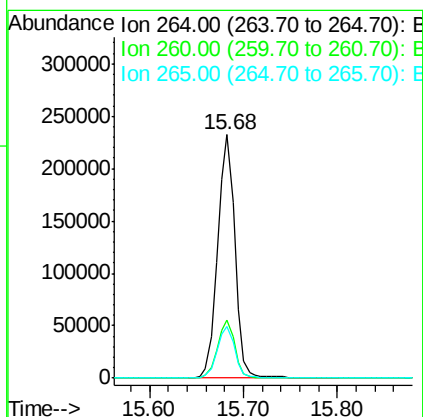
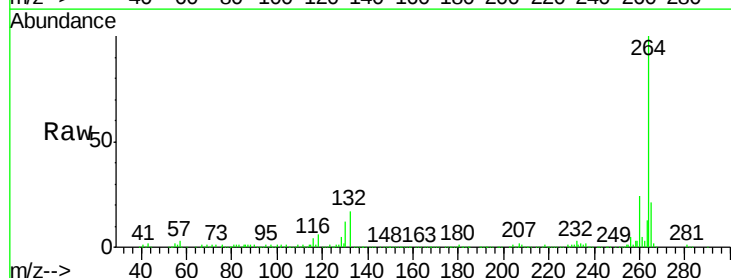
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

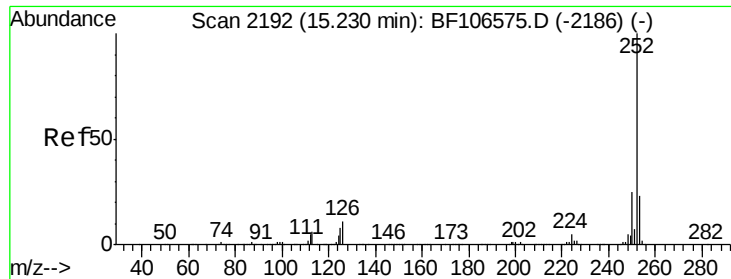
Tgt Ion: 276 Resp: 2883
 Ion Ratio Lower Upper
 276 100
 138 41.6 25.0 37.6#
 277 22.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF106588.D
 Acq: 19 Jun 2018 18:01

Tgt Ion: 264 Resp: 300418
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.5 26.3

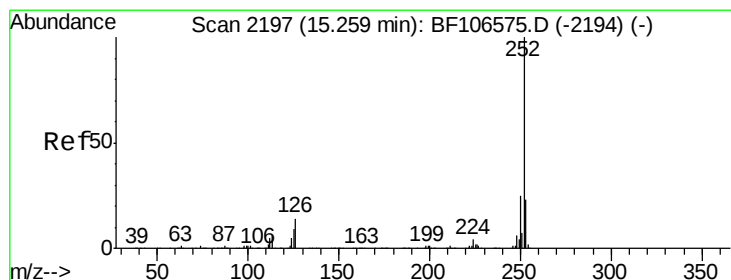
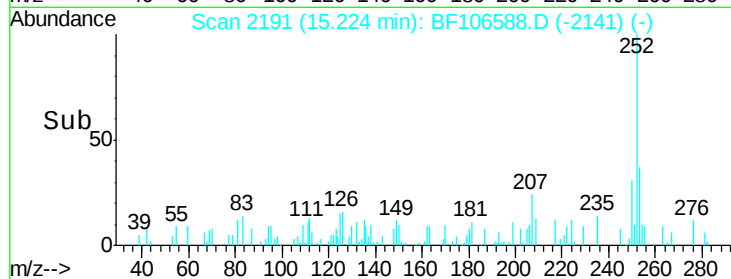
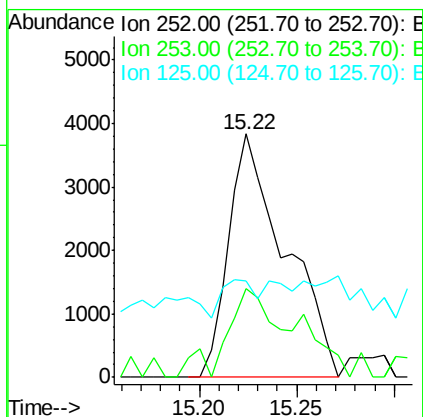
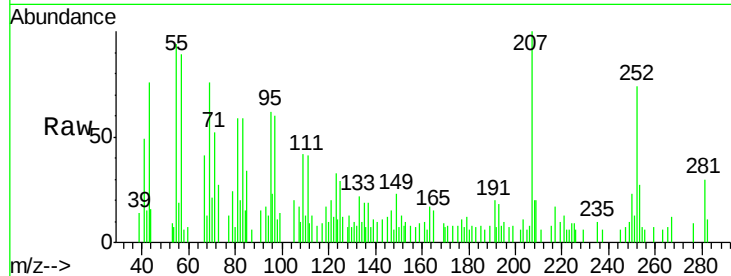




#87
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

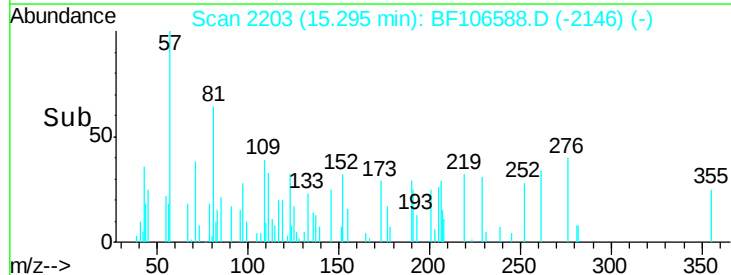
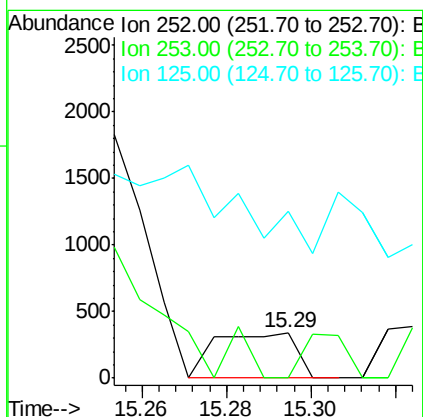
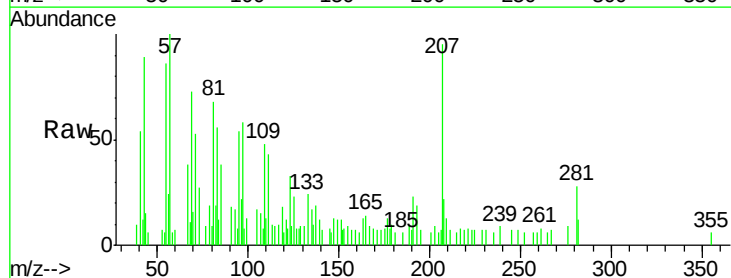
Instrument :
BNA_F
ClientSampled :
TP-6-D

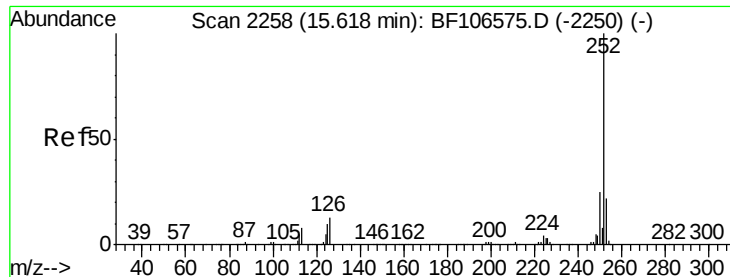
Tgt Ion:252 Resp: 7706
Ion Ratio Lower Upper
252 100
253 36.6 17.0 25.6#
125 39.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BF106588.D
Acq: 19 Jun 2018 18:01

Tgt Ion:252 Resp: 448
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 365.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.283 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

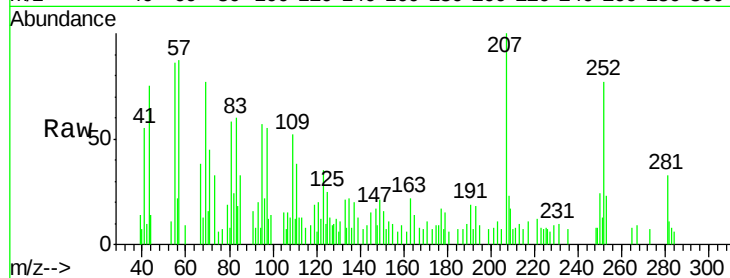
Tgt Ion:252 Resp: 4698

Ion Ratio Lower Upper

252 100

253 30.4 17.1 25.7#

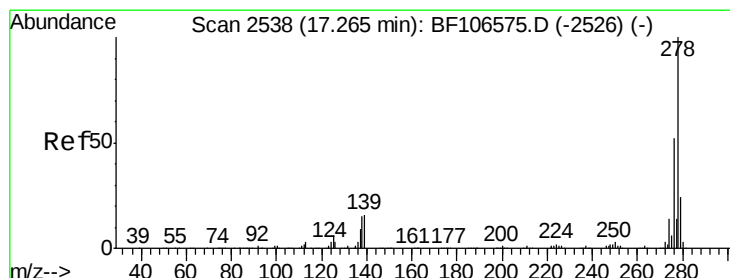
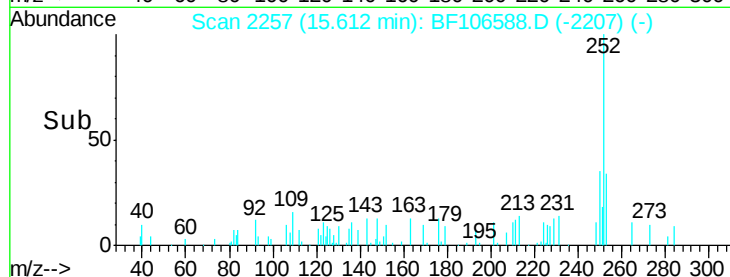
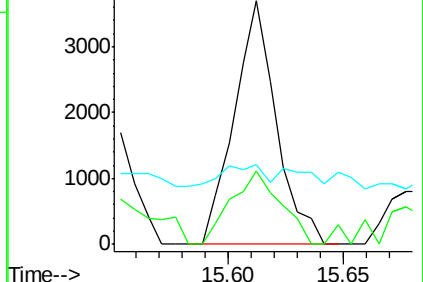
125 32.7 9.8 14.6#



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: 0.053 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

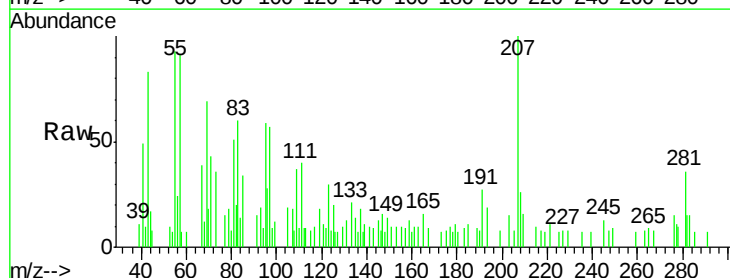
Tgt Ion:278 Resp: 750

Ion Ratio Lower Upper

278 100

139 110.3 15.9 23.9#

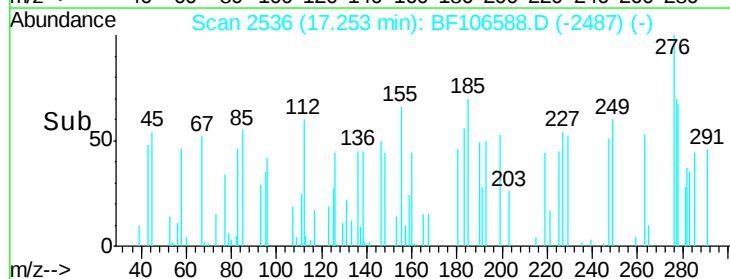
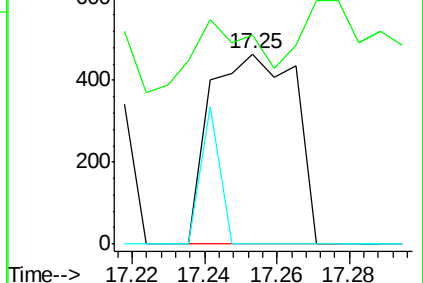
279 0.0 19.0 28.4#

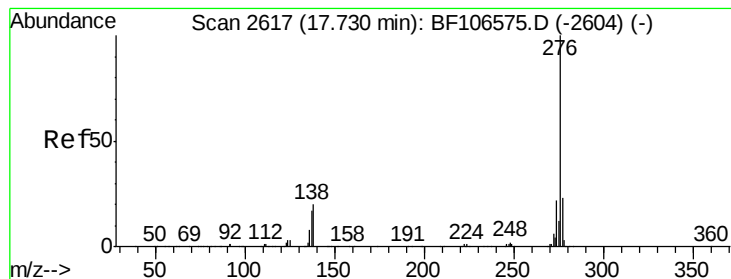


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.239 ng

RT: 17.71 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BF106588.D

Acq: 19 Jun 2018 18:01

Instrument :

BNA_F

ClientSampleId :

TP-6-D

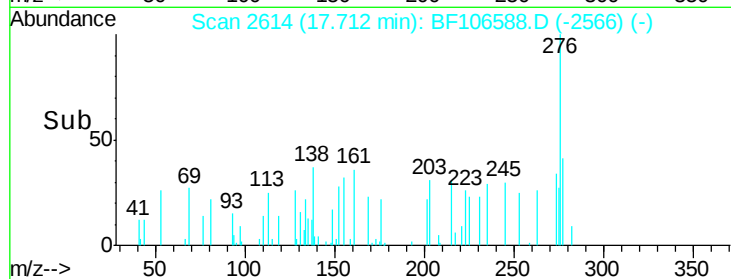
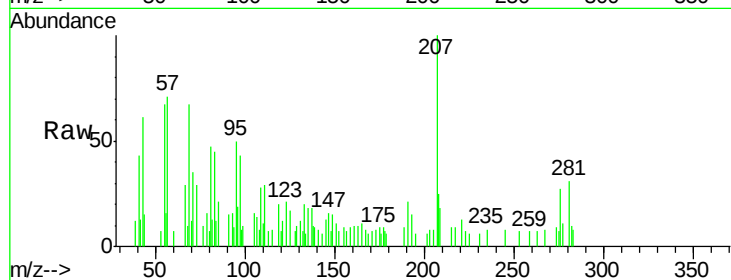
Tgt Ion: 276 Resp: 3285

Ion Ratio Lower Upper

276 100

277 41.3 17.9 26.9#

138 37.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

