

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106591.D
 Acq On : 19 Jun 2018 19:22
 Operator : JU/SJ
 Sample : J3567-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Quant Time: Jun 20 00:56:32 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	101410	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	383310	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	169720	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	277099	20.00	ng	0.00
75) Chrysene-d12	14.14	240	234723	20.00	ng	-0.01
86) Perylene-d12	15.68	264	268748	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	558005	93.17	ng	0.00
7) Phenol-d6	6.60	99	702451	93.92	ng	0.00
23) Nitrobenzene-d5	7.52	82	468108	67.87	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	170231	86.54	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	802954	79.05	ng	0.00
78) Terphenyl-d14	13.08	244	638843	65.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	246	0.080	ng	# 20
6) Aniline	6.74	93	852	0.084	ng	# 1
9) Benzaldehyde	6.60	77	908	0.230	ng	# 1
10) Phenol	6.61	94	3287	0.385	ng	# 63
11) bis(2-Chloroethyl)ether	6.74	93	852	0.121	ng	# 1
15) Benzyl Alcohol	7.11	79	7509	1.250	ng	# 44
19) n-Nitroso-di-n-propylamine	7.52	70	61807	12.537	ng	# 74
24) Nitrobenzene	7.52	77	1373	0.195	ng	# 37
25) Isophorone	7.52	82	468104	38.514	ng	# 64
45) 1,1'-Biphenyl	9.42	154	1297	0.096	ng	# 91
46) 2-Chloronaphthalene	9.71	162	644	0.060	ng	# 1
47) 2-Nitroaniline	9.71	65	876	0.245	ng	# 1
49) Dimethylphthalate	9.71	163	91853	7.216	ng	# 99
50) 2,6-Dinitrotoluene	9.71	165	832	0.309	ng	# 1
51) Acenaphthene	10.00	154	451	0.043	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	21826	6.204	ng	# 23
57) Fluorene	10.80	166	6953	0.605	ng	# 91
59) Diethylphthalate	10.41	149	723	0.059	ng	# 61
62) Azobenzene	10.79	77	676	0.056	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	280	0.163	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	4649	0.499	ng	# 38
66) 4-Bromophenyl-phenylether	10.80	248	11442	3.460	ng	# 1
70) Phenanthrene	11.51	178	657	0.049	ng	# 59
71) Anthracene	11.57	178	280	0.021	ng	# 60
73) Di-n-butylphthalate	12.04	149	2057	0.137	ng	# 78
74) Fluoranthene	12.71	202	1178	0.080	ng	# 62
76) Benzidine	13.08	184	7699	1.152	ng	# 93
77) Pyrene	12.94	202	1143	0.074	ng	# 87
79) Butylbenzylphthalate	13.55	149	245	0.038	ng	# 81
80) Benzo(a)anthracene	14.13	228	1791	0.125	ng	# 57
82) Chrysene	14.17	228	1184	0.090	ng	# 90
83) Bis(2-ethylhexyl)phthalate	14.11	149	1281	0.157	ng	# 87
84) Di-n-octyl phthalate	14.72	149	810	0.061	ng	# 84
85) Indeno(1,2,3-cd)pyrene	17.24	276	1056	0.095	ng	# 46

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QLast Update : Tue Jun 19 14:32:09 2018
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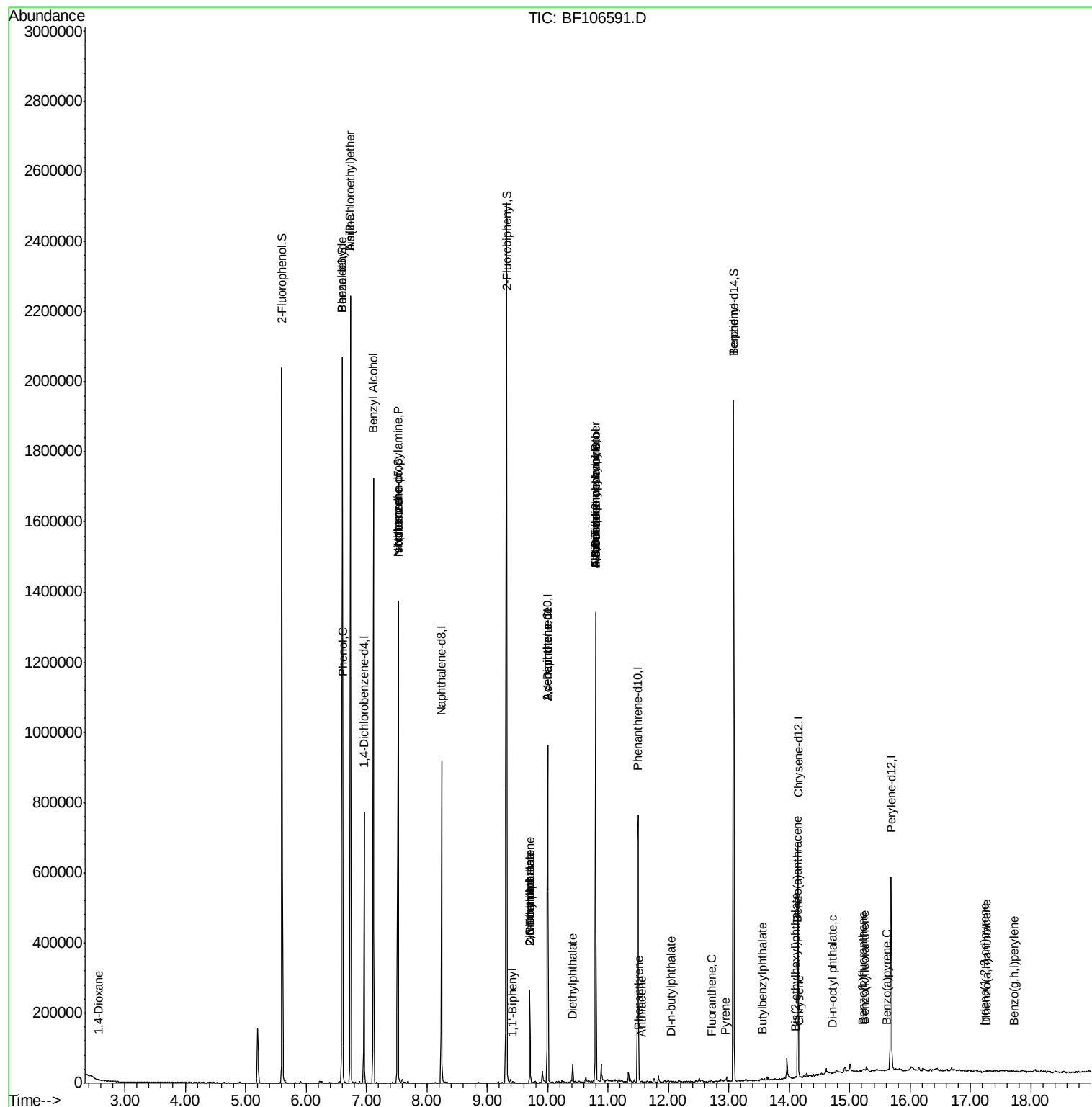
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.22	252	1773	0.106	ng	# 63
88) Benzo(k)fluoranthene	15.25	252	1065	0.067	ng	# 79
89) Benzo(a)pyrene	15.61	252	1195	0.081	ng	# 54
90) Dibenzo(a,h)anthracene	17.26	278	367	0.029	ng	# 54
91) Benzo(g,h,i)perylene	17.72	276	1264	0.103	ng	# 50

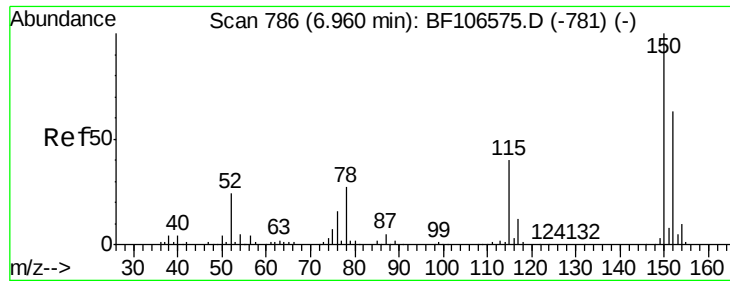
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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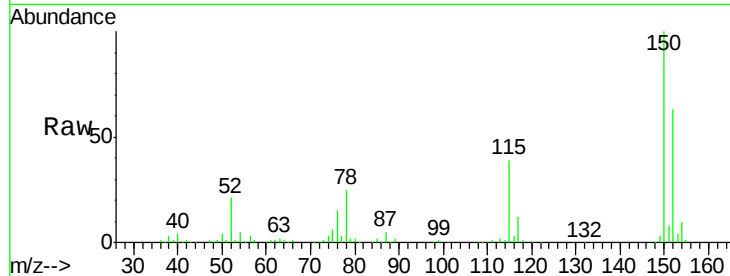


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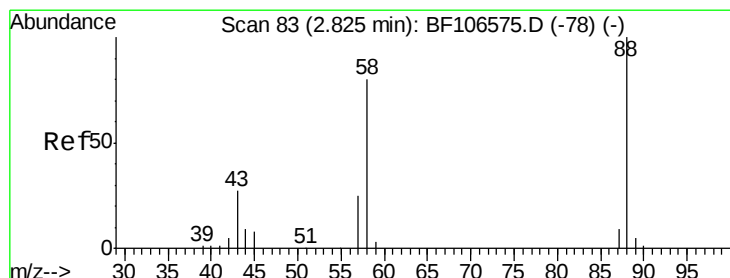
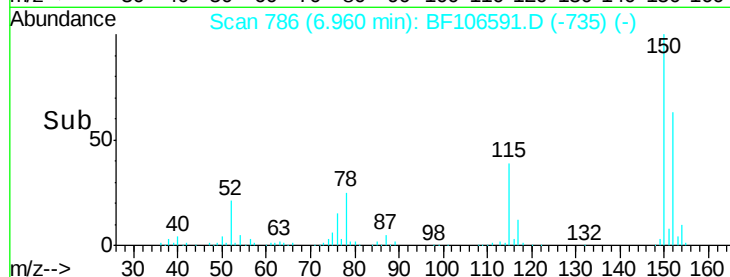
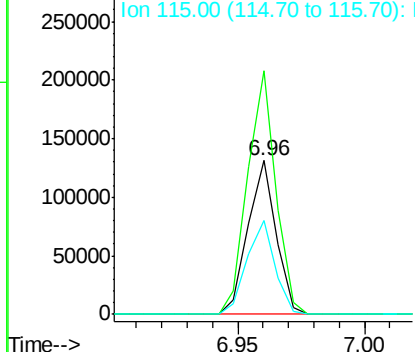
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Instrument :
BNA_F
ClientSampled :
TP-5-D

Tgt Ion:152 Resp: 101410
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 61.0 50.1 75.1



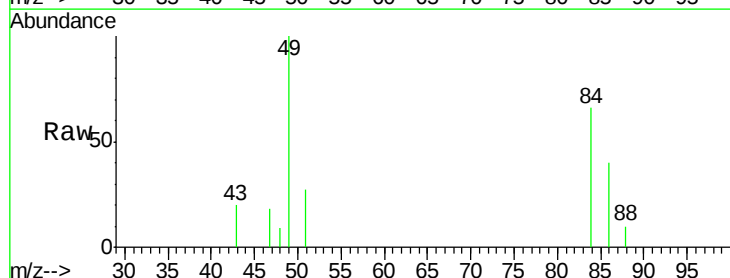
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



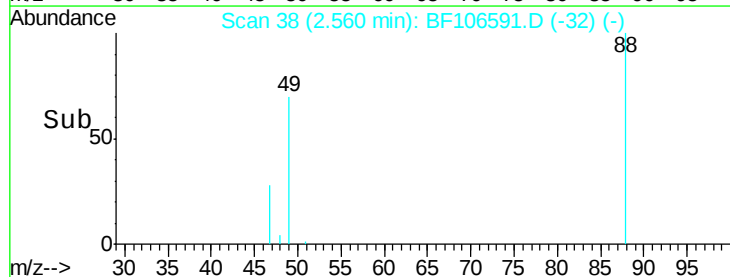
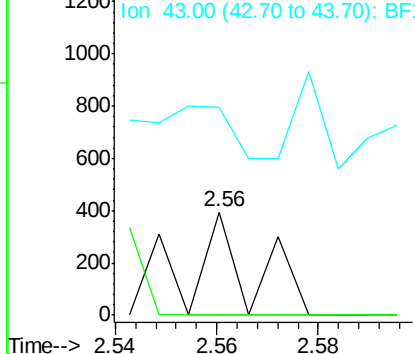
#2

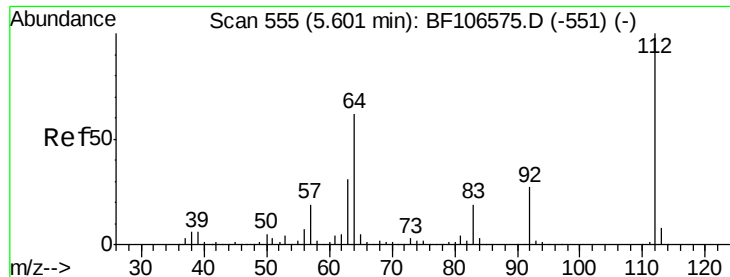
1,4-Dioxane
Concen: 0.080 ng
RT: 2.56 min Scan# 38
Delta R.T. -0.26 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Tgt Ion: 88 Resp: 246
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 93.174 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

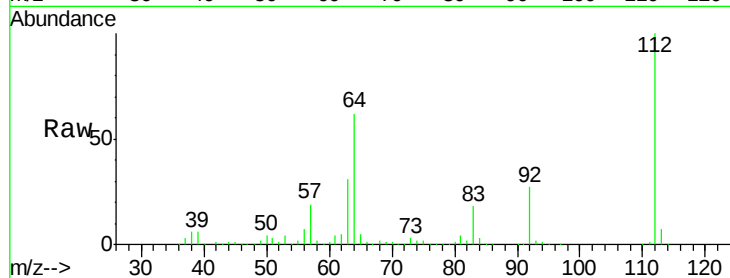
Tgt Ion: 112 Resp: 558005

Ion Ratio Lower Upper

112 100

64 61.6 47.9 71.9

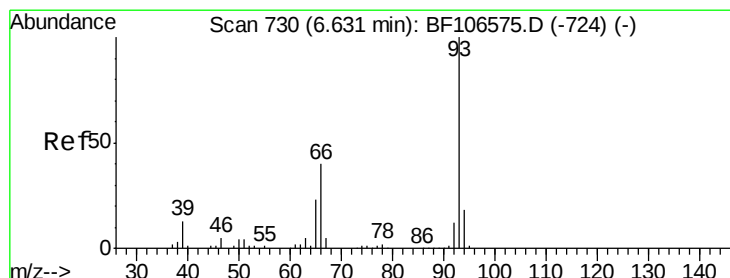
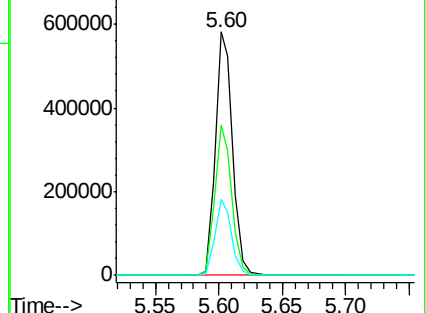
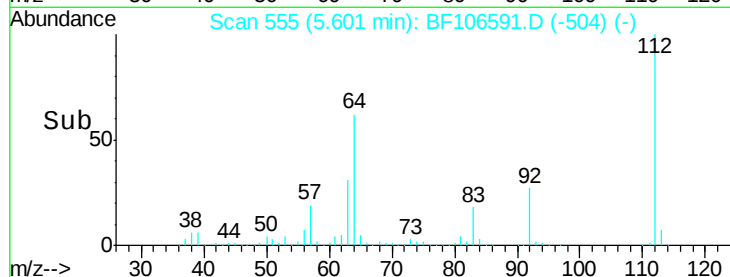
63 31.0 23.7 35.5



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: 0.084 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.11 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

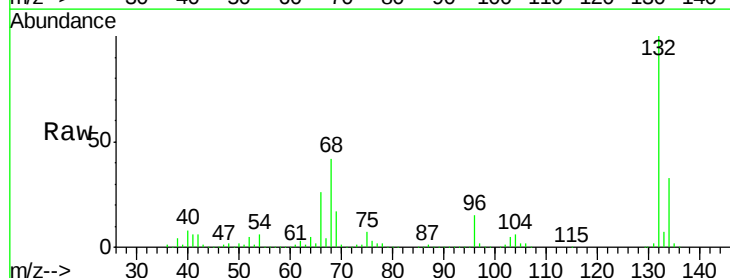
Tgt Ion: 93 Resp: 852

Ion Ratio Lower Upper

93 100

66 19078.2 32.2 48.2#

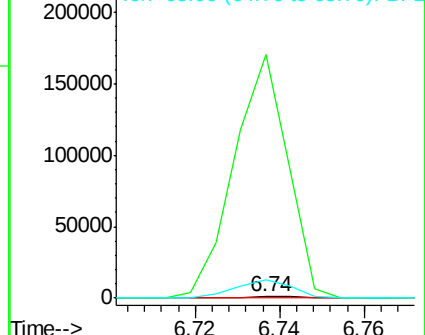
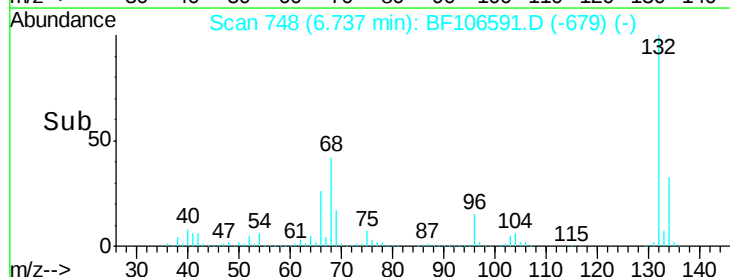
65 1483.4 16.4 24.6#

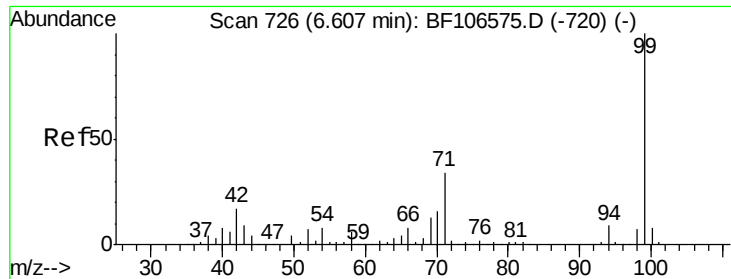


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.924 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

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ClientSampleId :

TP-5-D

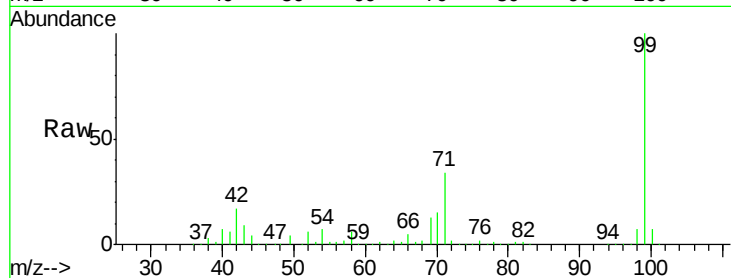
Tgt Ion: 99 Resp: 702451

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

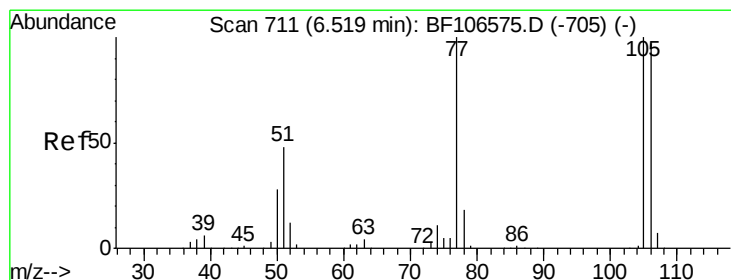
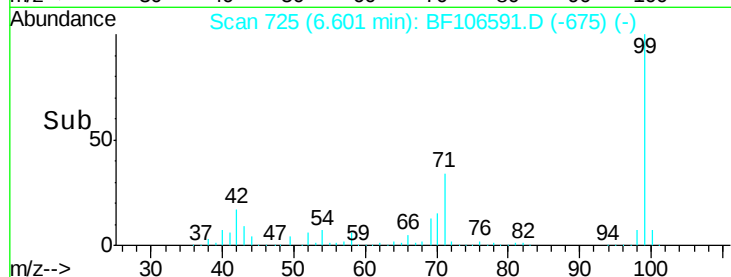
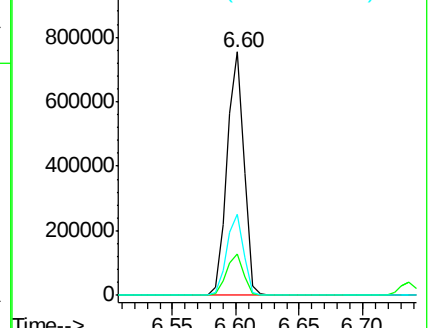
71 33.6 25.4 38.0



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: 0.230 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.08 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

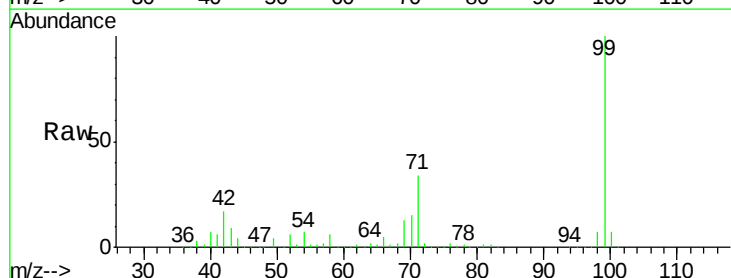
Tgt Ion: 77 Resp: 908

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

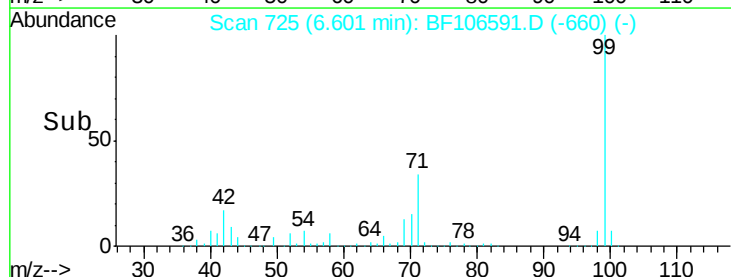
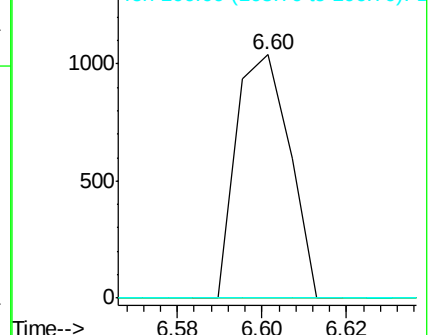
106 0.0 74.5 114.5#

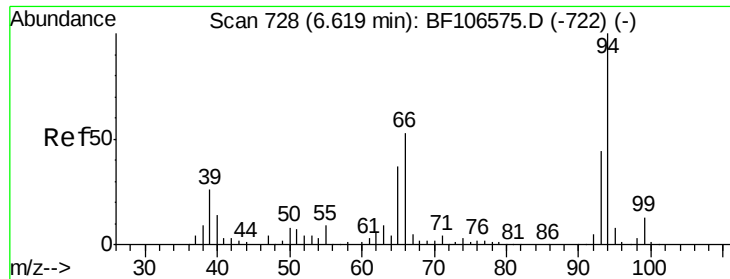


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.385 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

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ClientSampled :

TP-5-D

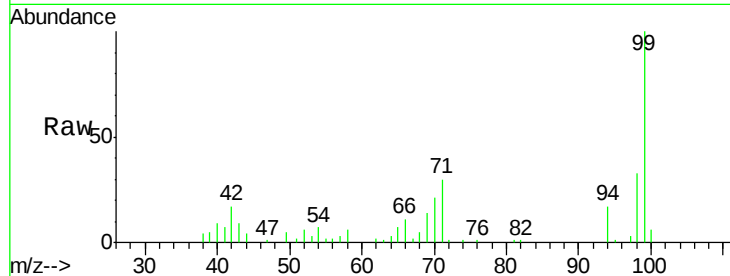
Tgt Ion: 94 Resp: 3287

Ion Ratio Lower Upper

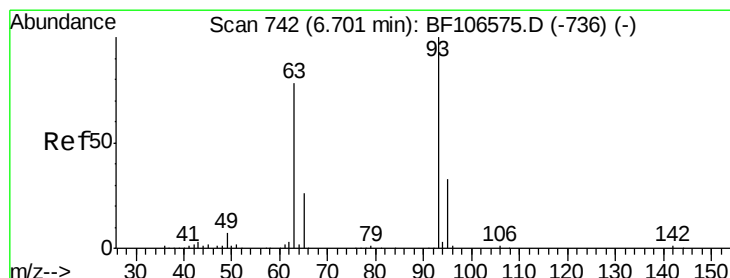
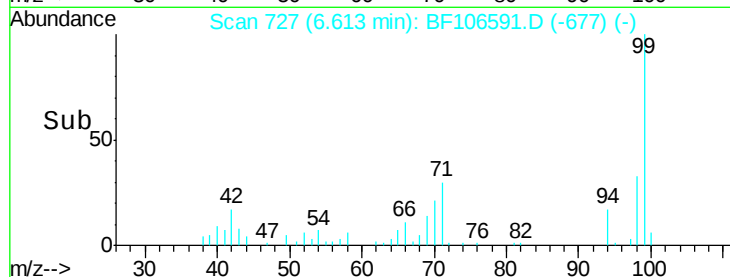
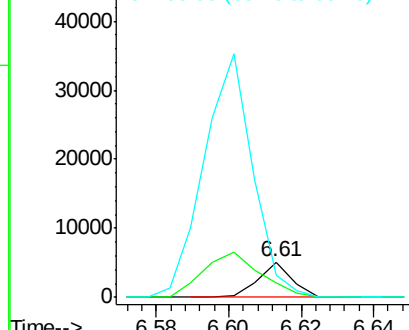
94 100

65 40.2 7.9 47.9

66 64.5 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: 0.121 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.04 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

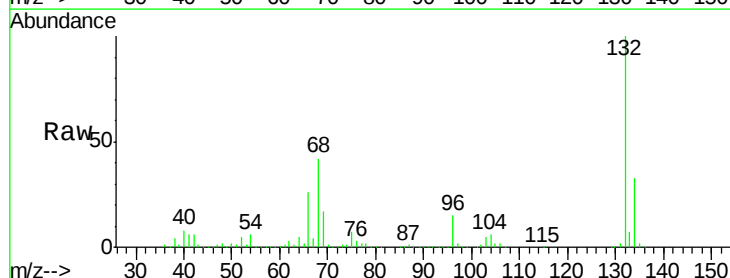
Tgt Ion: 93 Resp: 852

Ion Ratio Lower Upper

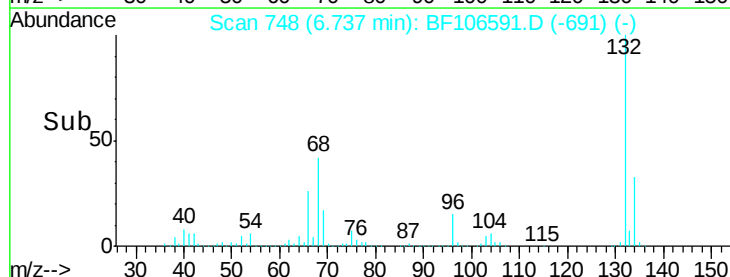
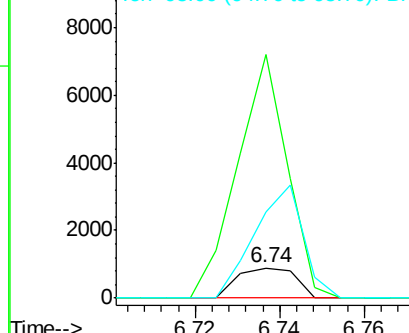
93 100

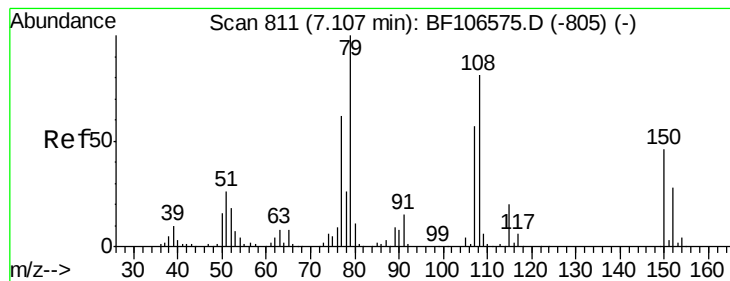
63 806.3 58.6 98.6#

95 284.1 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: 1.250 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

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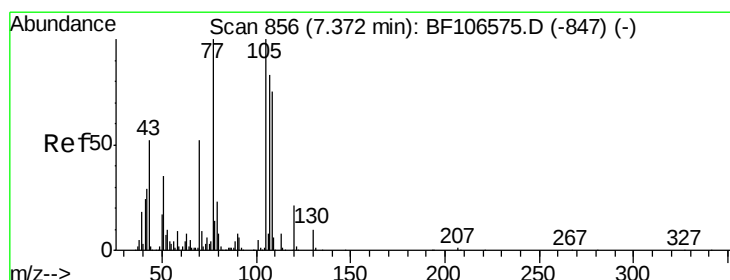
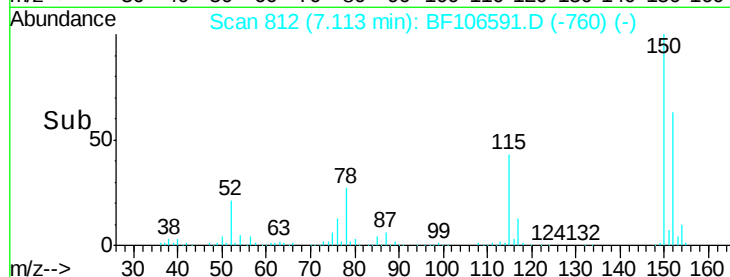
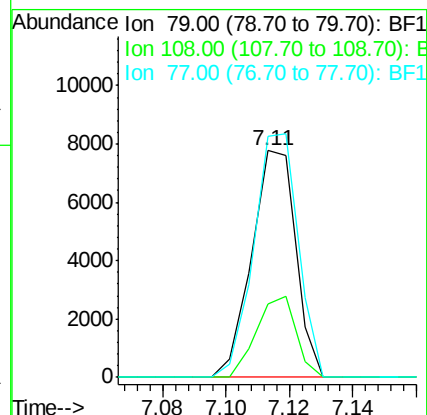
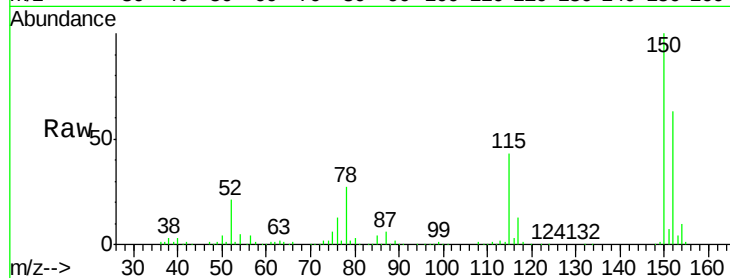
Tgt Ion: 79 Resp: 7509

Ion Ratio Lower Upper

79 100

108 32.2 65.1 97.7#

77 106.6 50.6 75.8#



#19

n-Nitroso-di-n-propylamine

Concen: 12.537 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Tgt Ion: 70 Resp: 61807

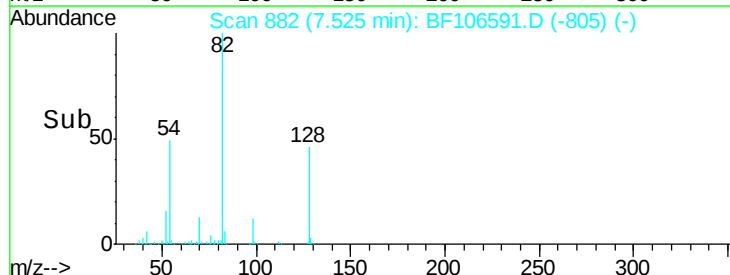
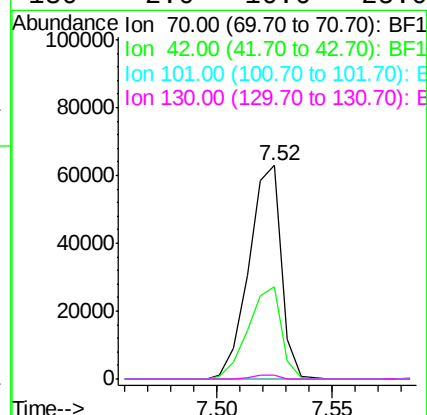
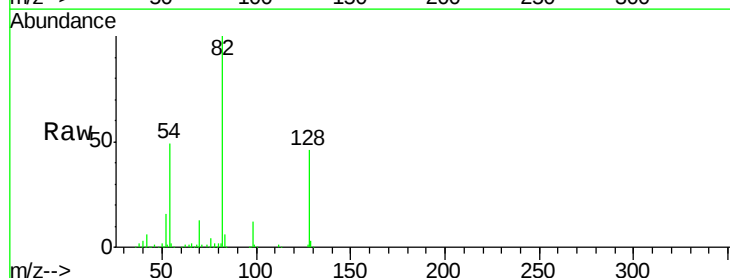
Ion Ratio Lower Upper

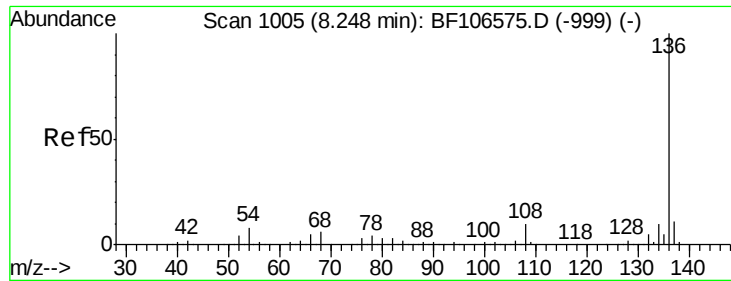
70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

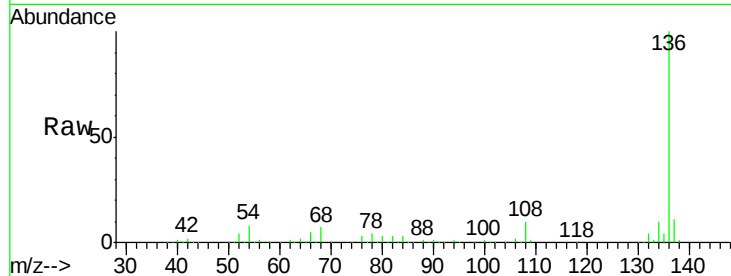




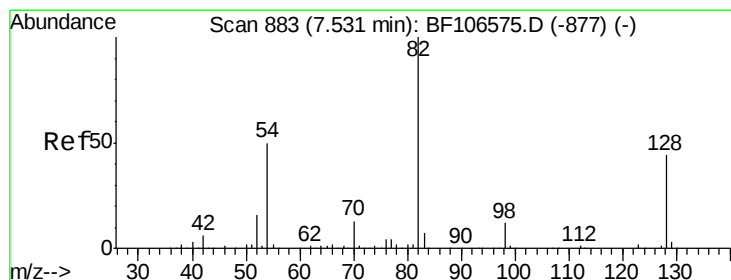
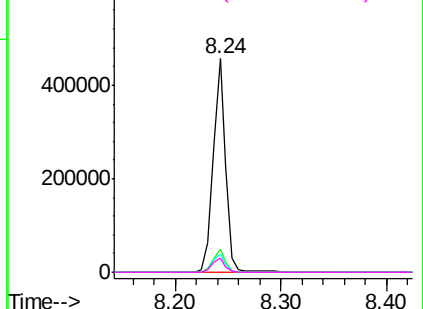
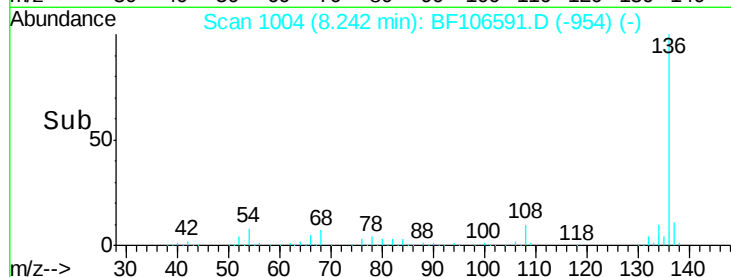
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tgt Ion: 136 Resp: 383310
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.5 6.6 9.8
68 6.6 5.0 7.4

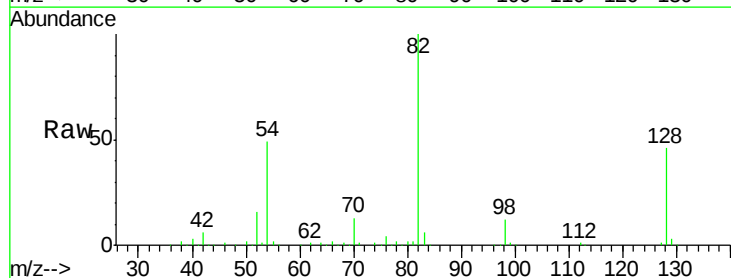


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

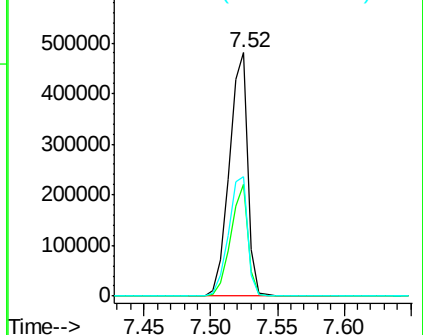
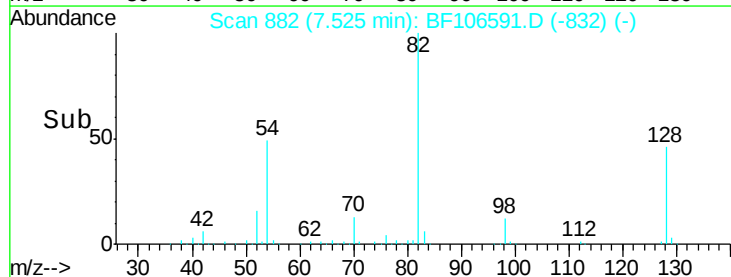


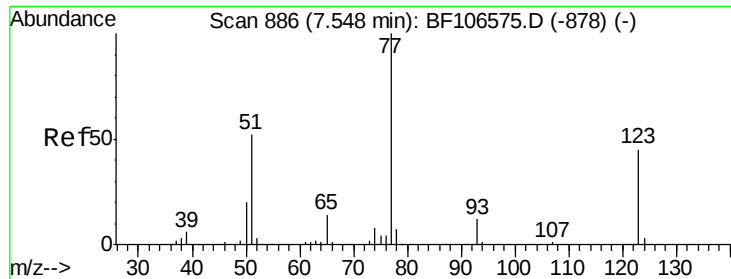
#23
Nitrobenzene-d5
Concen: 67.868 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Tgt Ion: 82 Resp: 468108
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 49.1 41.4 62.2



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

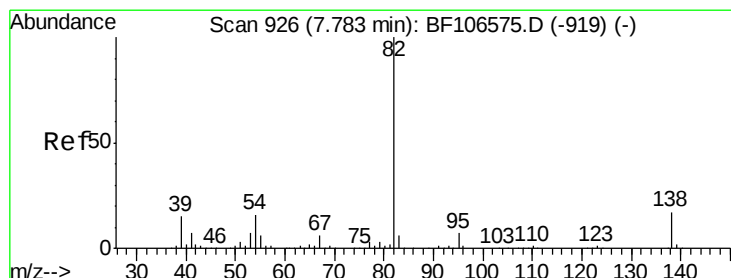
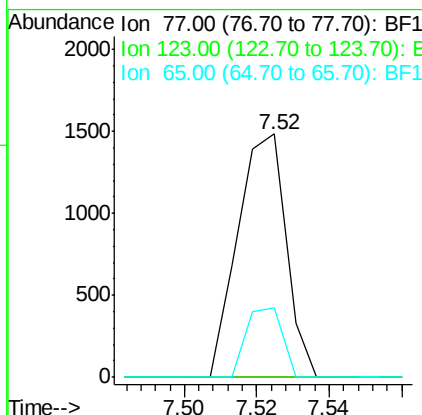
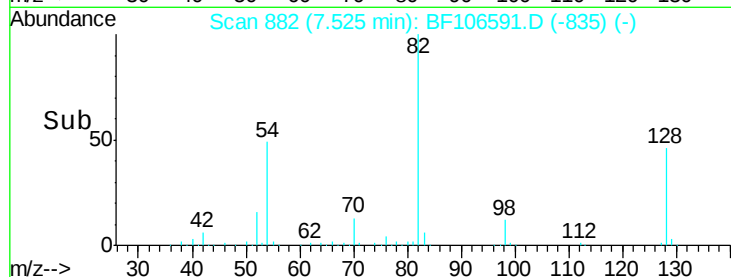
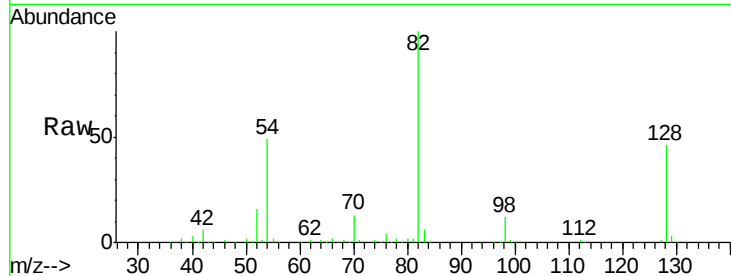




#24
 Nitrobenzene
 Concen: 0.195 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

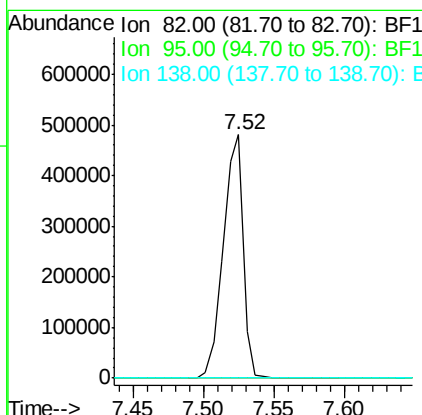
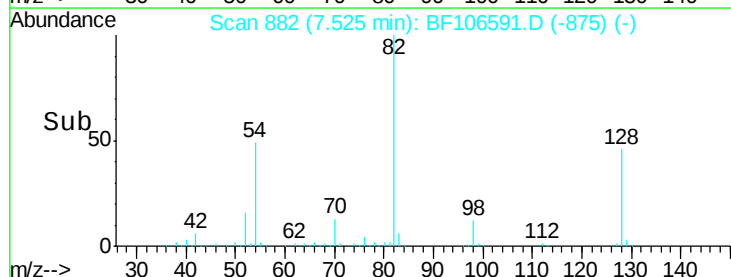
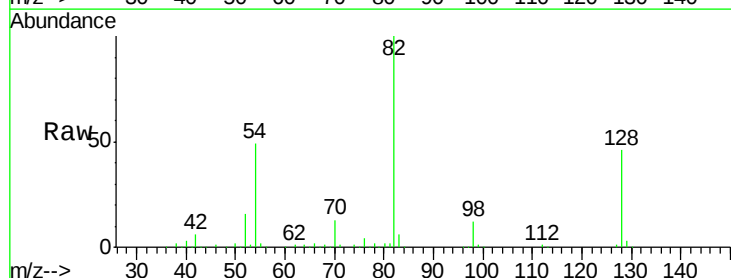
Instrument :
 BNA_F
 ClientSampled :
 TP-5-D

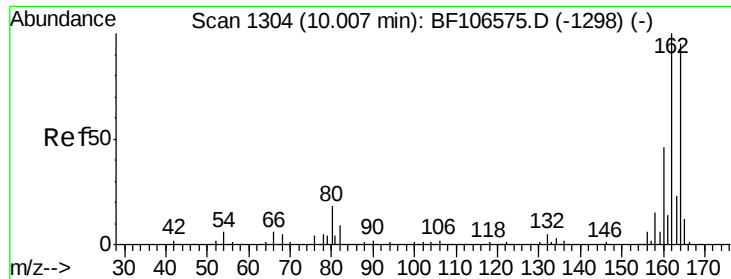
Tgt Ion: 77 Resp: 1373
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 28.7 11.0 16.4#



#25
 Isophorone
 Concen: 38.514 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Tgt Ion: 82 Resp: 468104
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

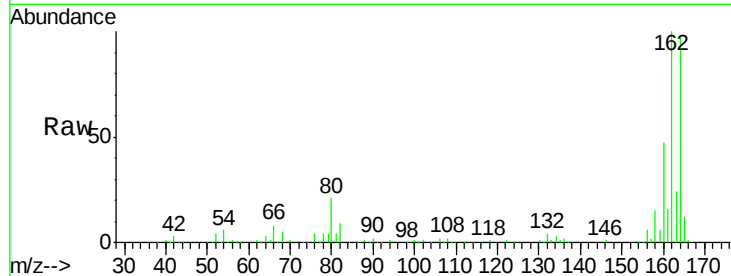
Tgt Ion:164 Resp: 169720

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

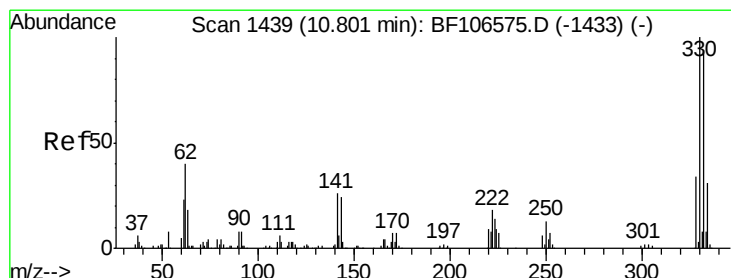
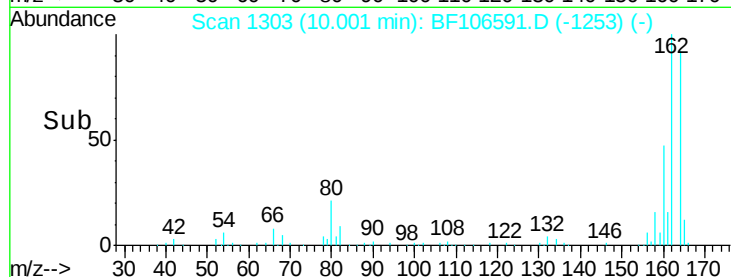
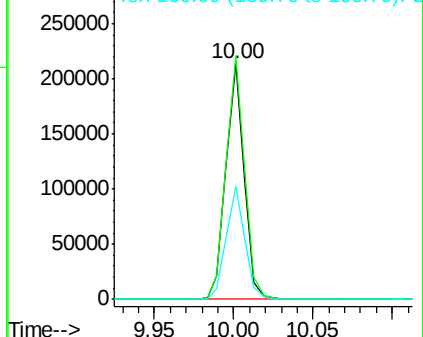
160 48.2 38.3 57.5



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: 86.539 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

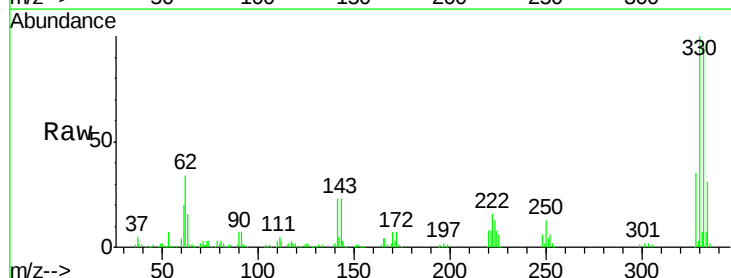
Tgt Ion:330 Resp: 170231

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

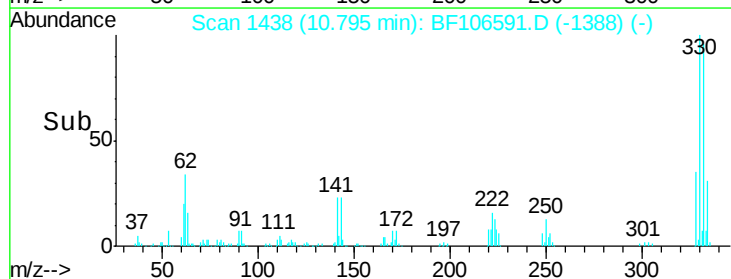
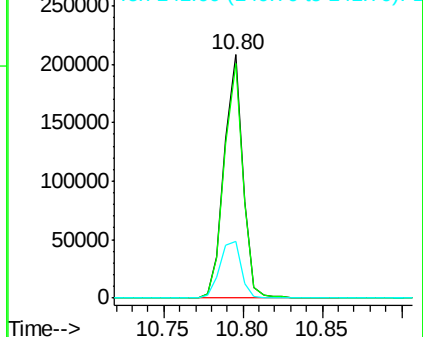
141 27.2 29.9 44.9#

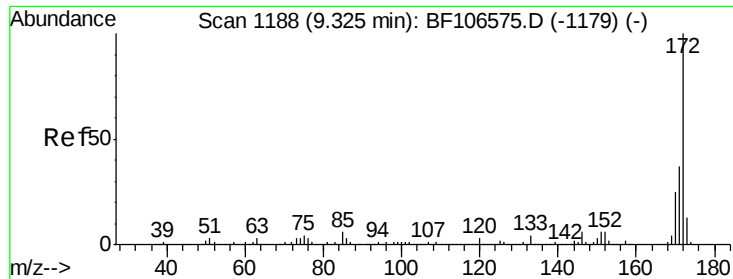


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

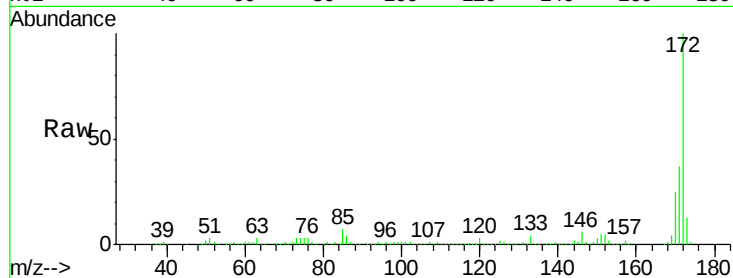




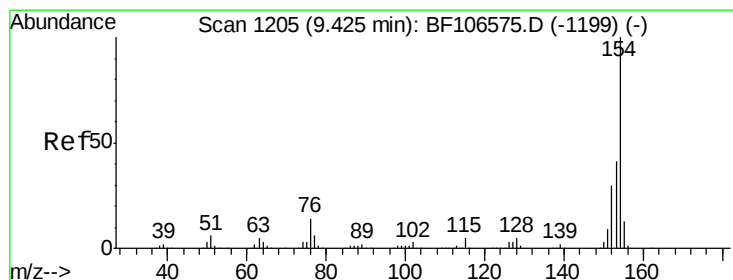
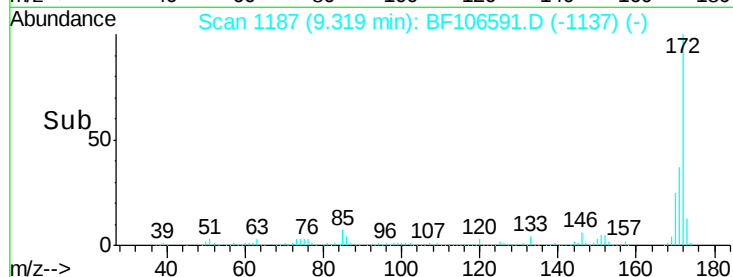
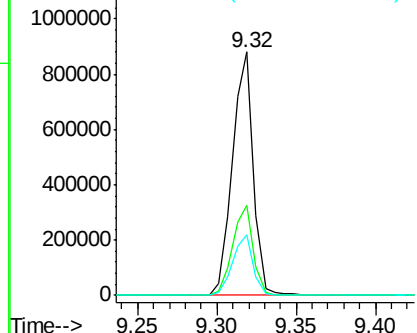
#44
 2-Fluorobiphenyl
 Concen: 79.046 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tgt Ion:172 Resp: 802954
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.9 19.6 29.4

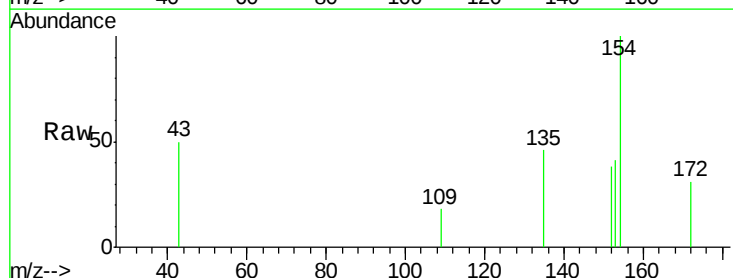


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

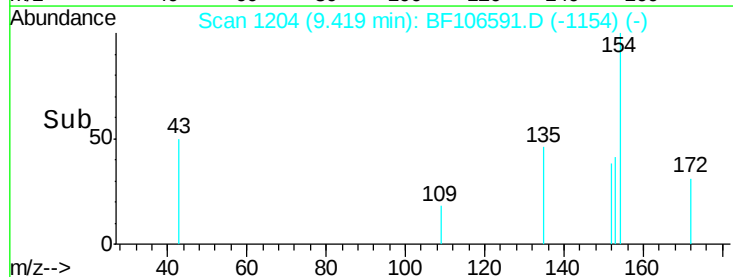
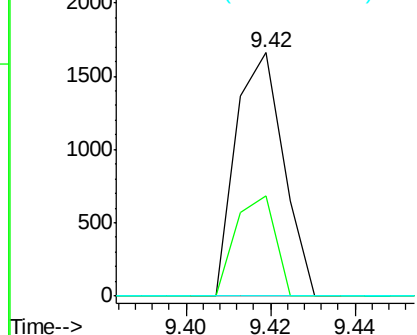


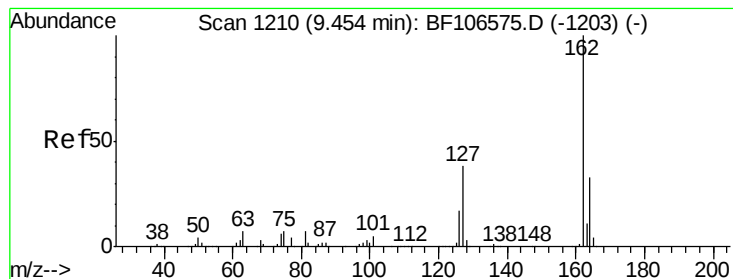
#45
 1,1'-Biphenyl
 Concen: 0.096 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Tgt Ion:154 Resp: 1297
 Ion Ratio Lower Upper
 154 100
 153 41.4 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: 0.060 ng

RT: 9.71 min Scan# 1253

Delta R.T. 0.25 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

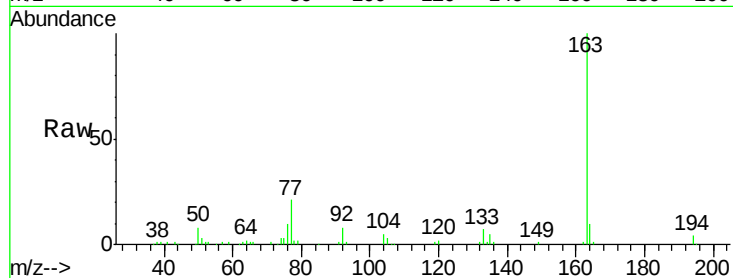
Tgt Ion:162 Resp: 644

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

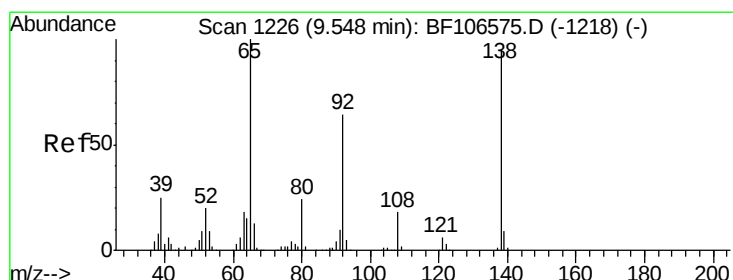
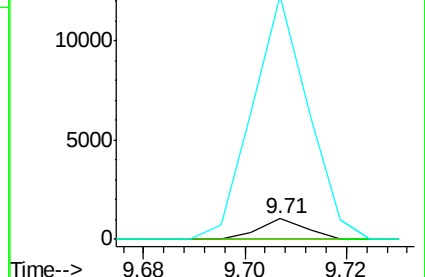
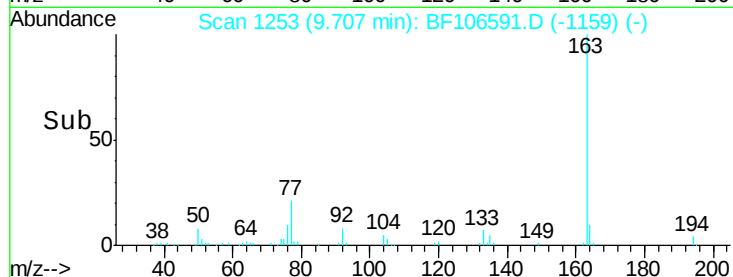
164 1194.9 26.5 39.7#



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: 0.245 ng

RT: 9.71 min Scan# 1253

Delta R.T. 0.16 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

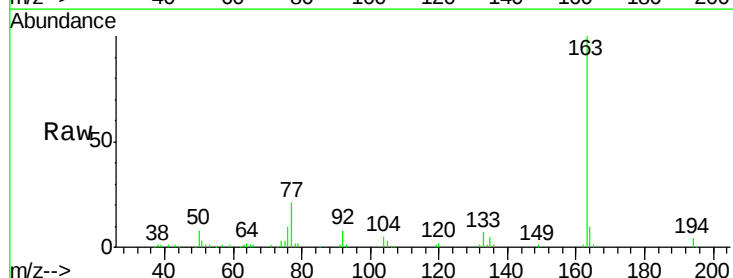
Tgt Ion: 65 Resp: 876

Ion Ratio Lower Upper

65 100

92 801.6 55.8 83.6#

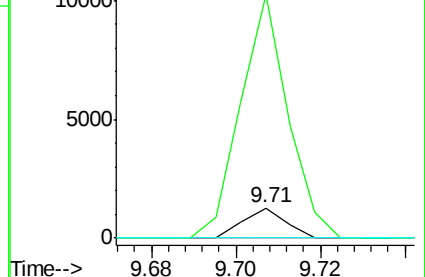
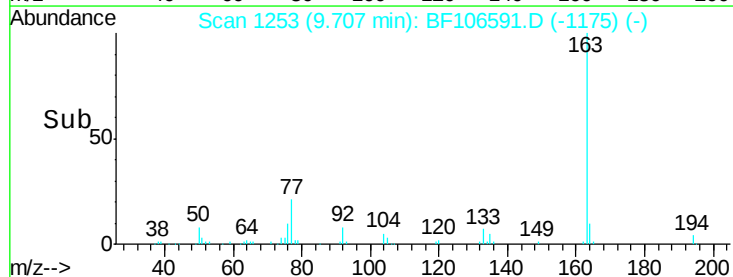
138 0.0 91.2 136.8#

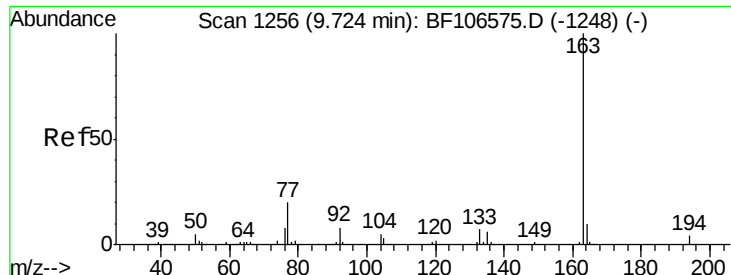


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

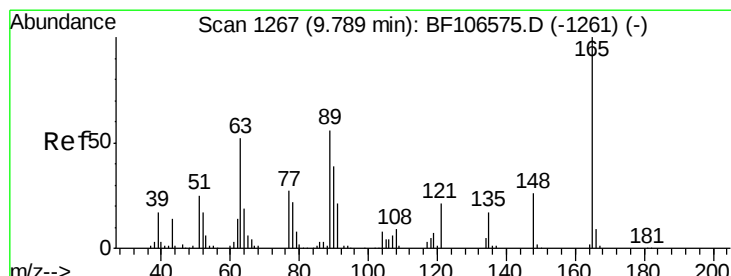
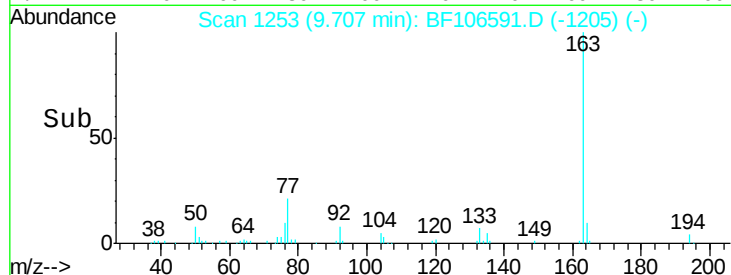
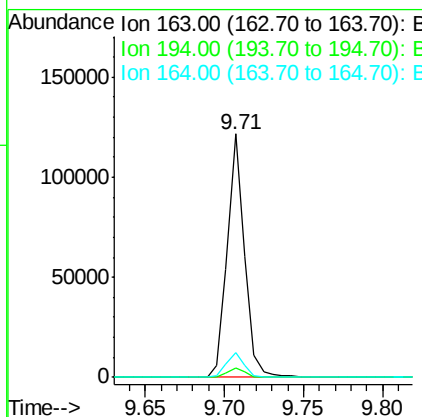
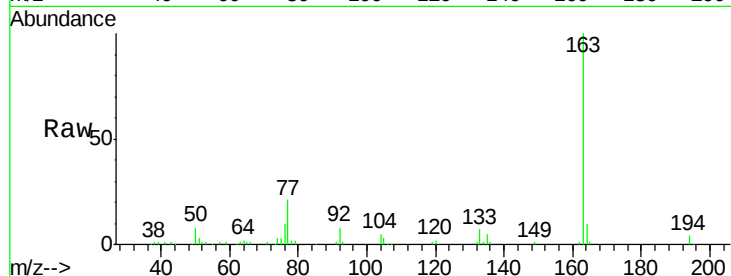




#49
Dimethylphthalate
Concen: 7.216 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

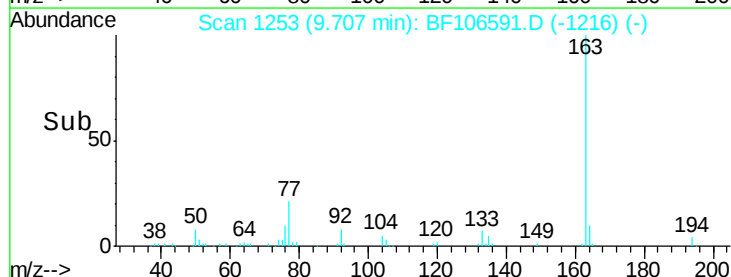
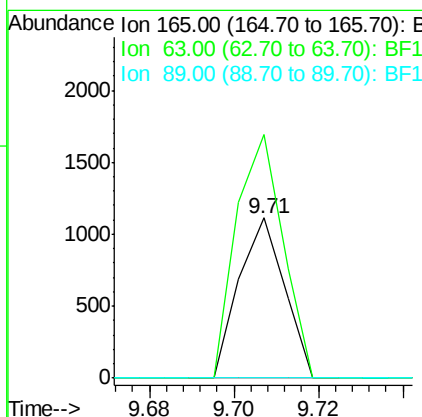
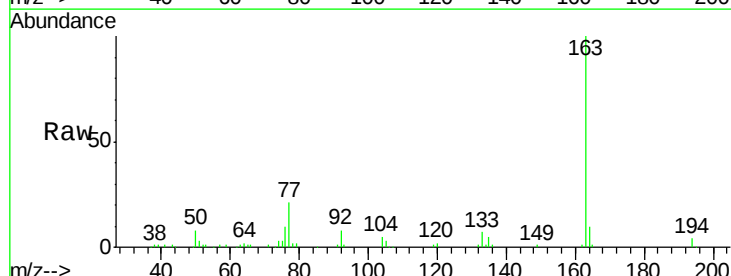
Instrument :
BNA_F
ClientSampleId :
TP-5-D

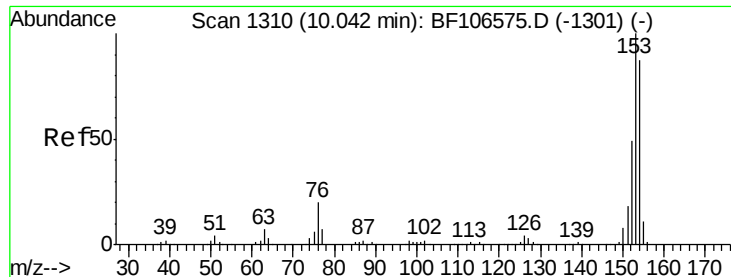
Tgt Ion:163 Resp: 91853
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 0.309 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.08 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Tgt Ion:165 Resp: 832
Ion Ratio Lower Upper
165 100
63 152.1 44.7 67.1#
89 0.0 44.0 66.0#





#51

Acenaphthene

Concen: 0.043 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

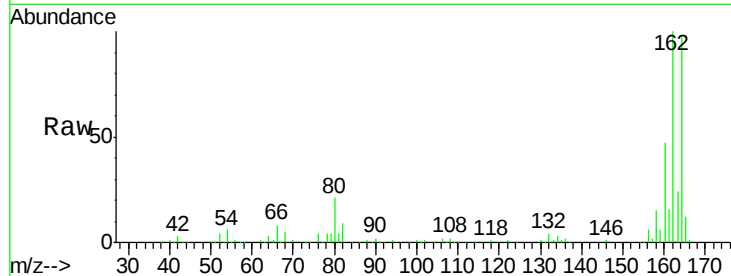
Tgt Ion:154 Resp: 451

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

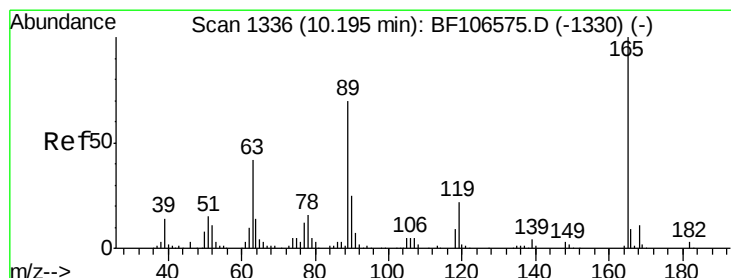
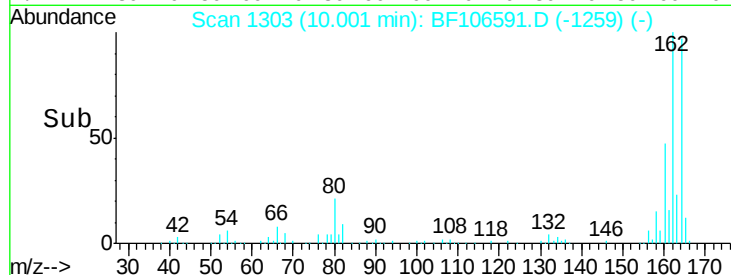
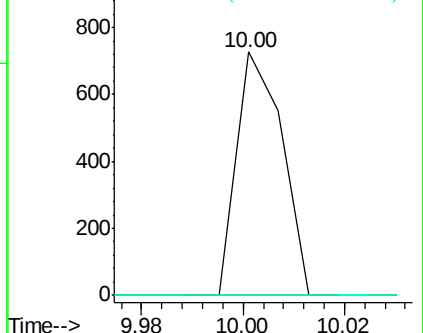
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.204 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Tgt Ion:165 Resp: 21826

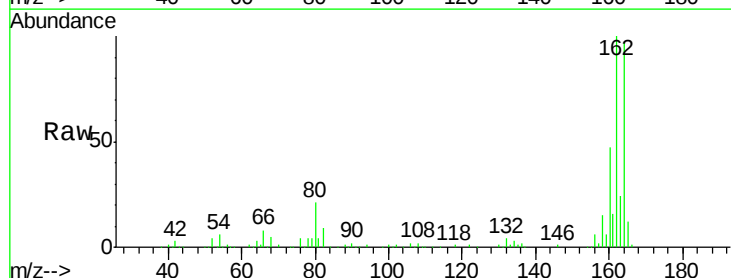
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

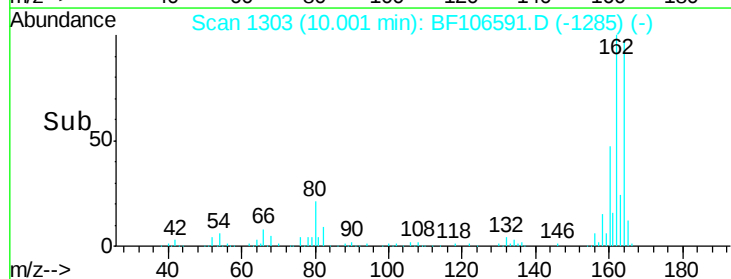
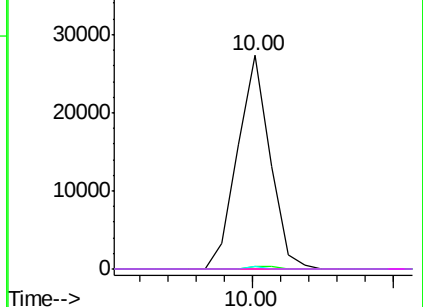


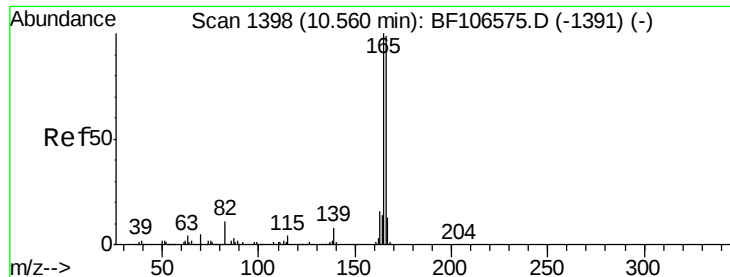
Abundance Ion 165.00 (164.70 to 165.70): E

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

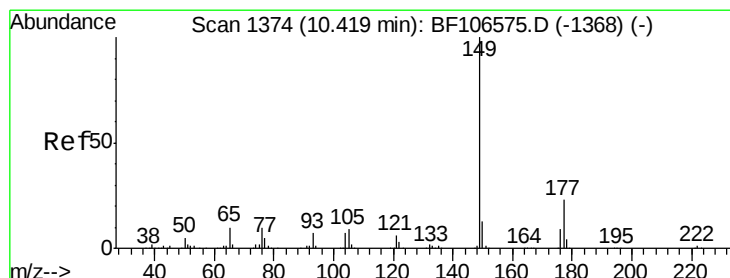
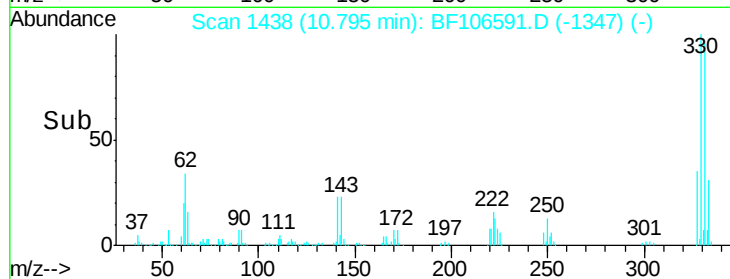
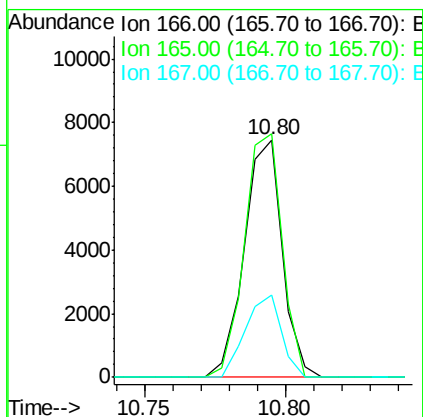
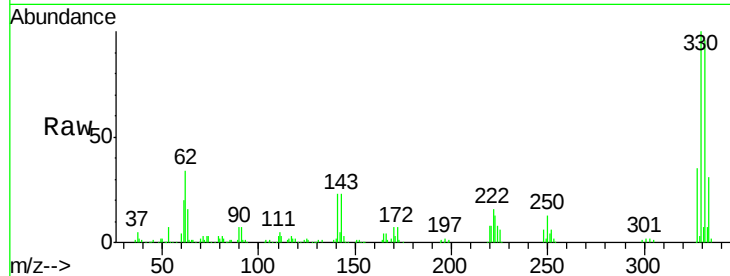




#57
 Fluorene
 Concen: 0.605 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.24 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

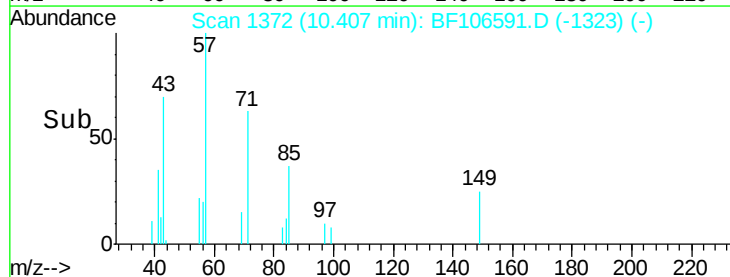
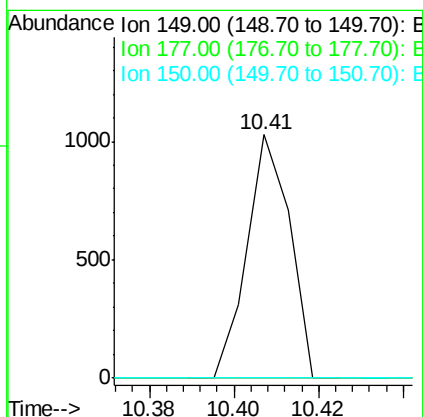
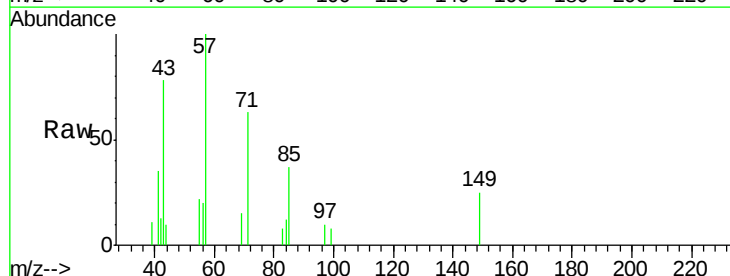
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

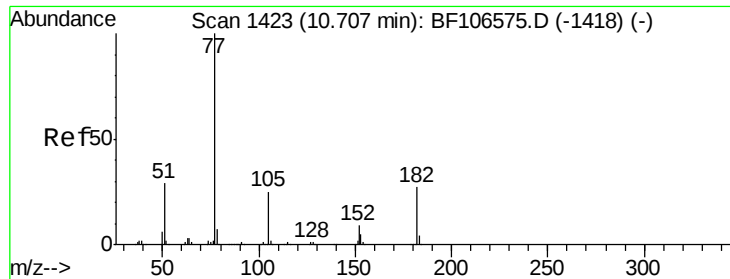
Tgt Ion:166 Resp: 6953
 Ion Ratio Lower Upper
 166 100
 165 102.6 79.8 119.8
 167 34.7 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.059 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Tgt Ion:149 Resp: 723
 Ion Ratio Lower Upper
 149 100
 177 0.0 16.1 24.1#
 150 0.0 10.1 15.1#

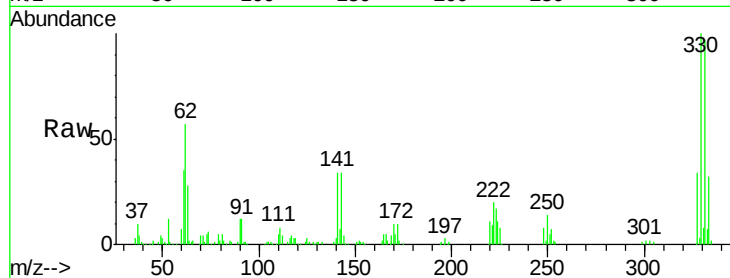




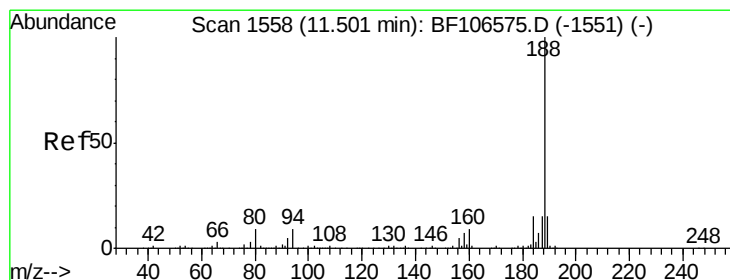
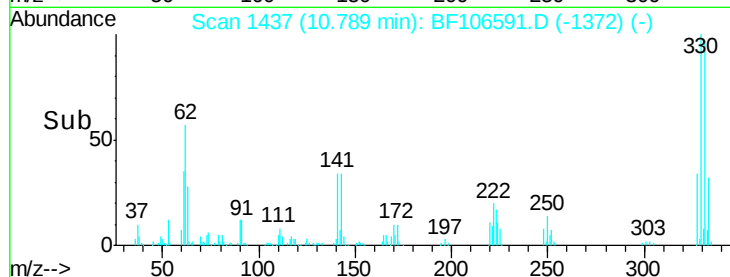
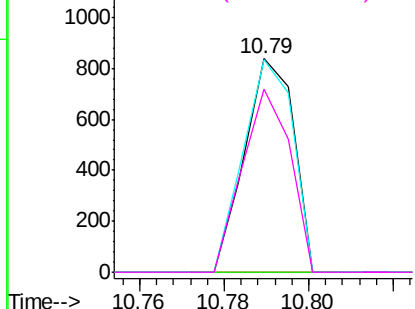
#62
Azobenzene
Concen: 0.056 ng
RT: 10.79 min Scan# 1437
Delta R.T. 0.08 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tgt Ion: 77 Resp: 676
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 99.5 3.0 43.0#
51 85.7 9.9 49.9#

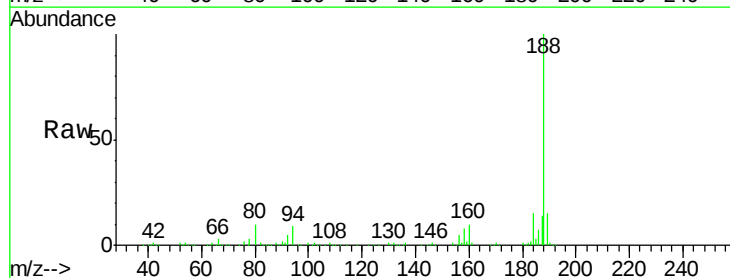


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

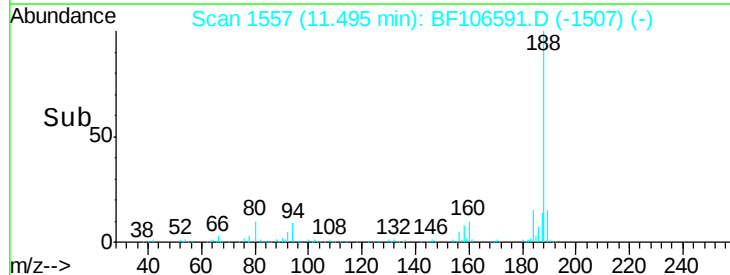
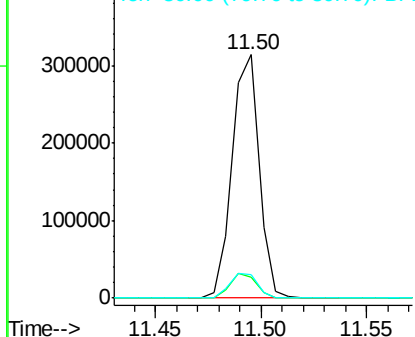


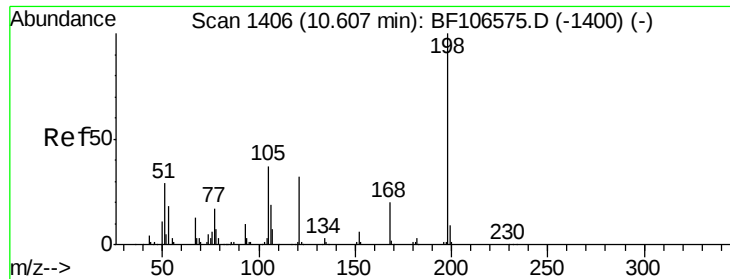
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Tgt Ion: 188 Resp: 277099
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

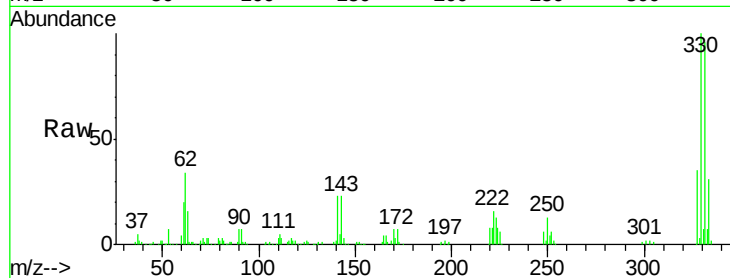




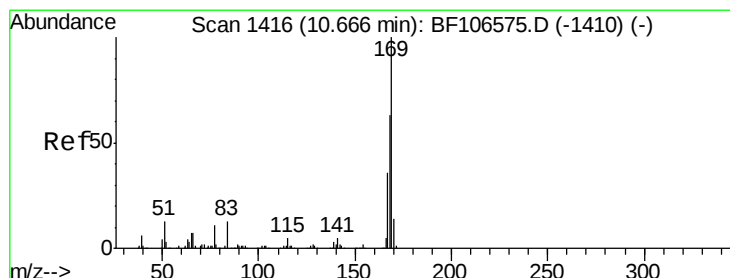
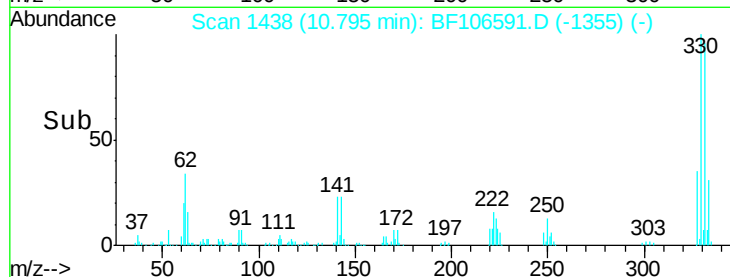
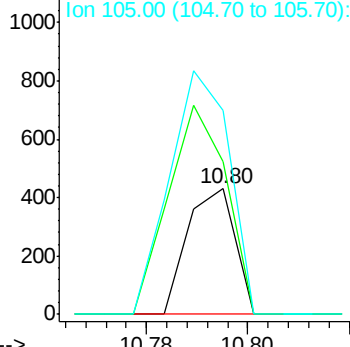
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.163 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tgt Ion:198 Resp: 280
 Ion Ratio Lower Upper
 198 100
 51 121.6 37.7 77.7#
 105 162.6 36.3 76.3#

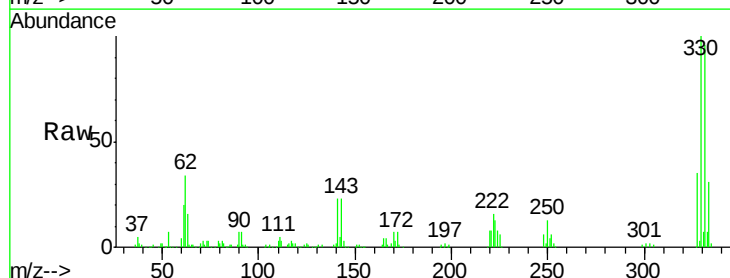


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

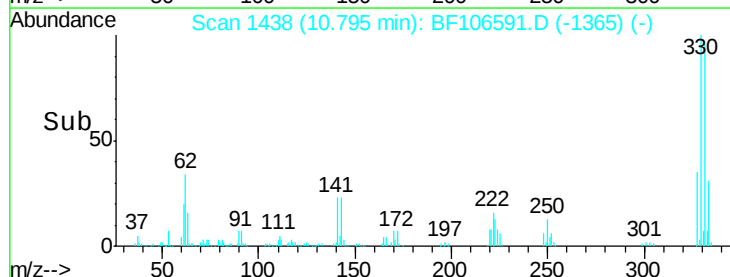
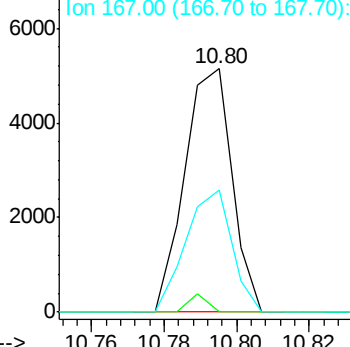


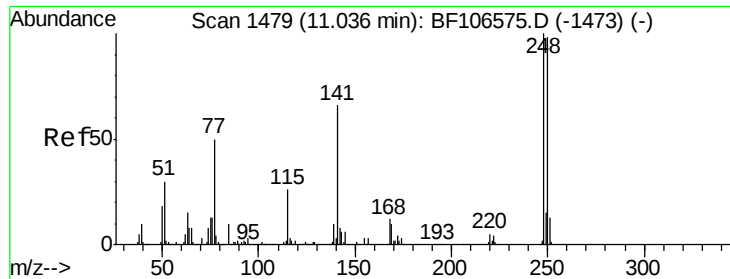
#65
 n-Nitrosodiphenylamine
 Concen: 0.499 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.13 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Tgt Ion:169 Resp: 4649
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 50.3 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

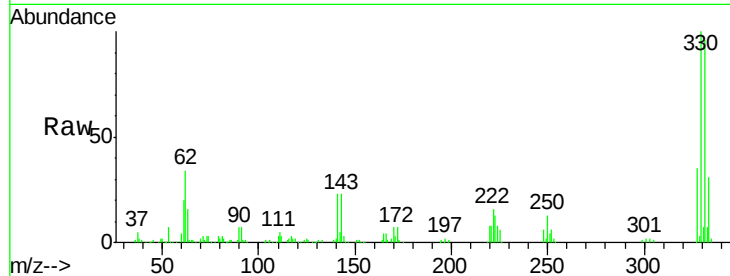




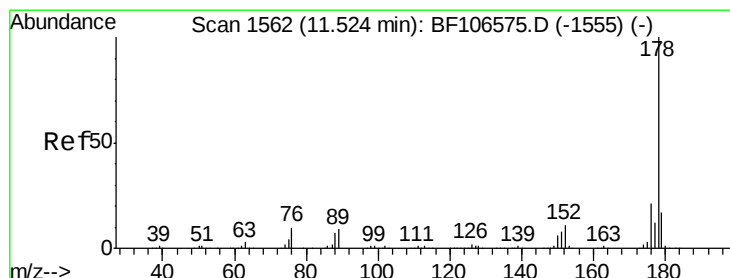
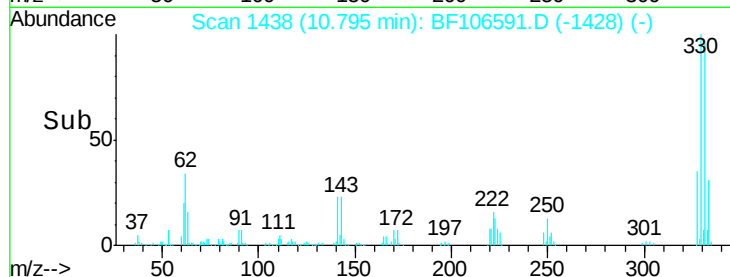
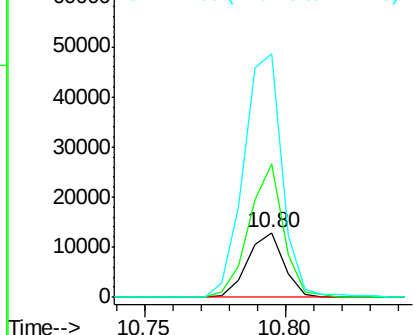
#66
 4-Bromophenyl-phenylether
 Concen: 3.460 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tgt Ion:248 Resp: 11442
 Ion Ratio Lower Upper
 248 100
 250 205.7 76.9 115.3#
 141 375.9 74.4 111.6#

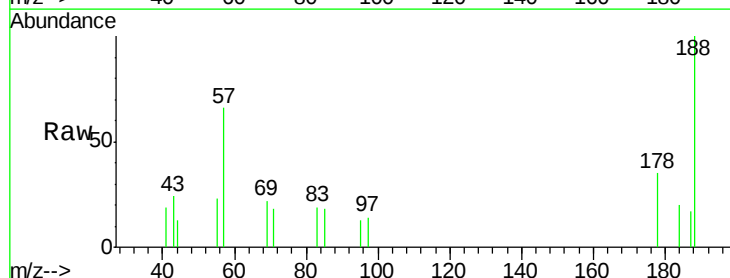


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

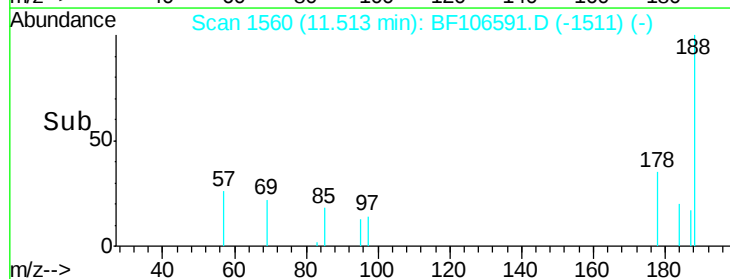
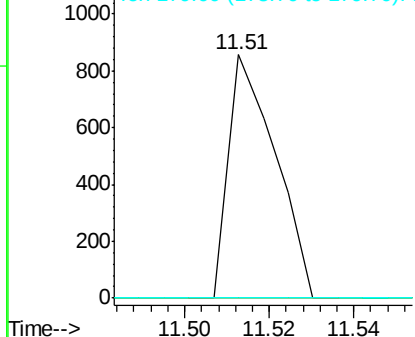


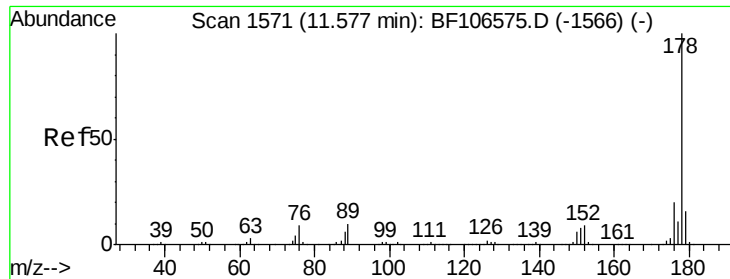
#70
 Phenanthrene
 Concen: 0.049 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Tgt Ion:178 Resp: 657
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.021 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

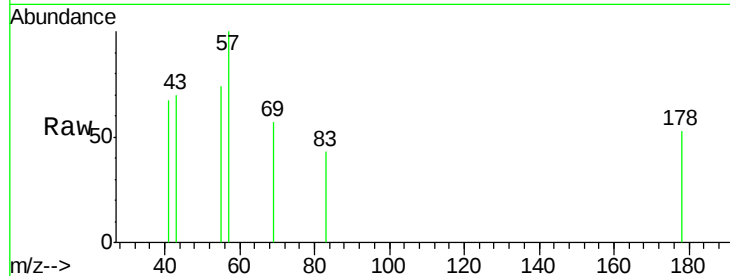
Tgt Ion:178 Resp: 280

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

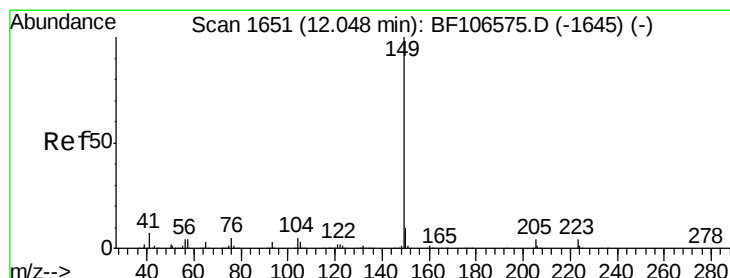
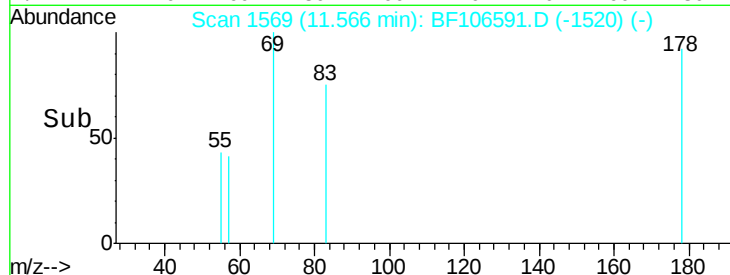
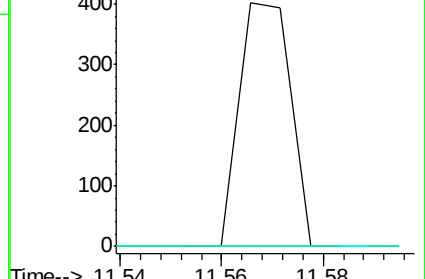
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 0.137 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

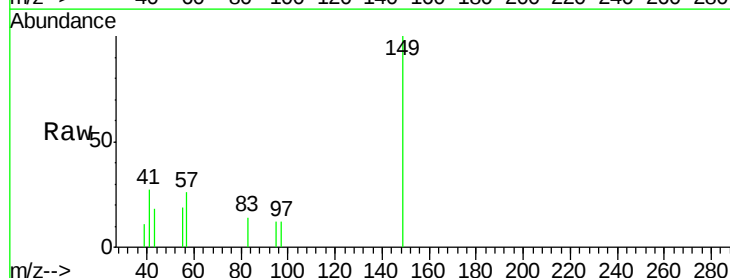
Tgt Ion:149 Resp: 2057

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

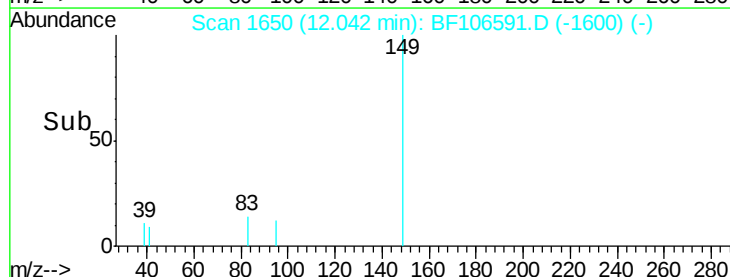
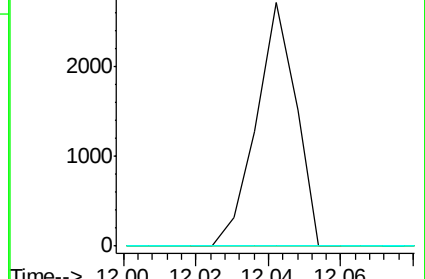
104 0.0 3.8 5.8#

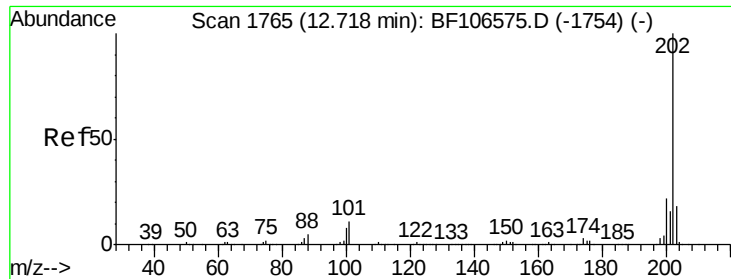


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.080 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

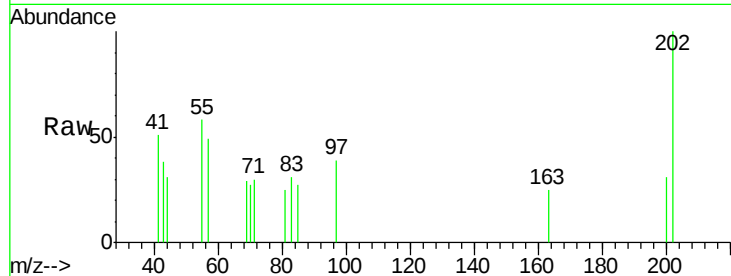
Tgt Ion: 202 Resp: 1178

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

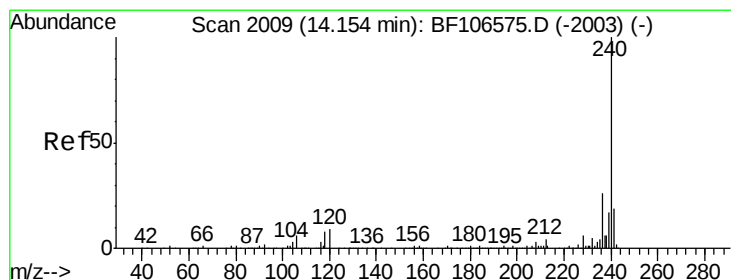
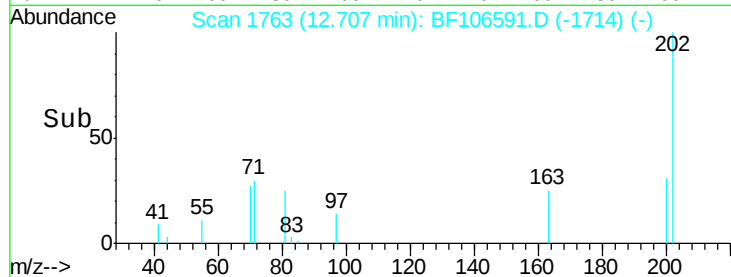
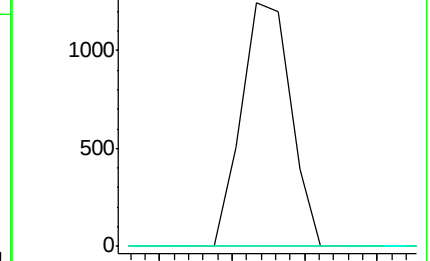
203 0.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

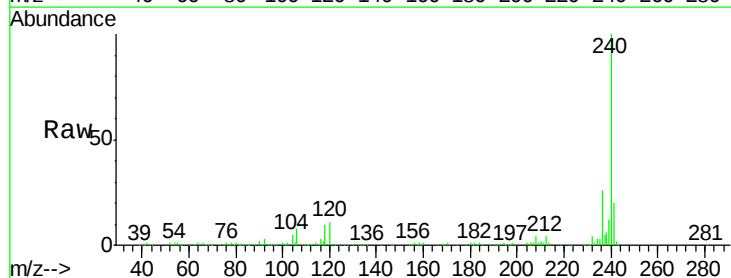
Tgt Ion: 240 Resp: 234723

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

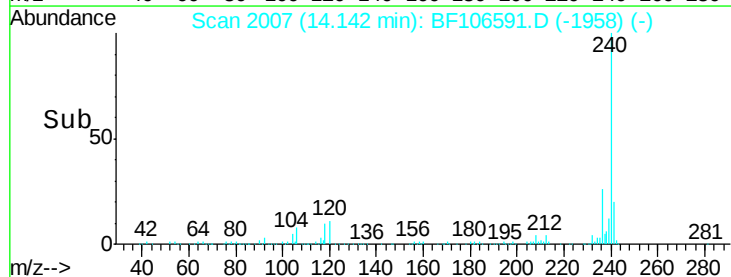
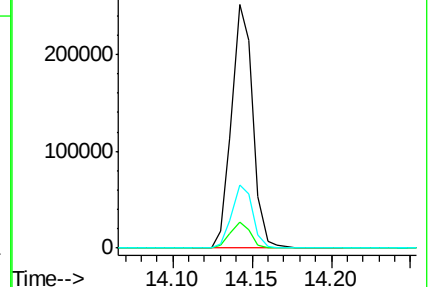
236 25.7 20.7 31.1

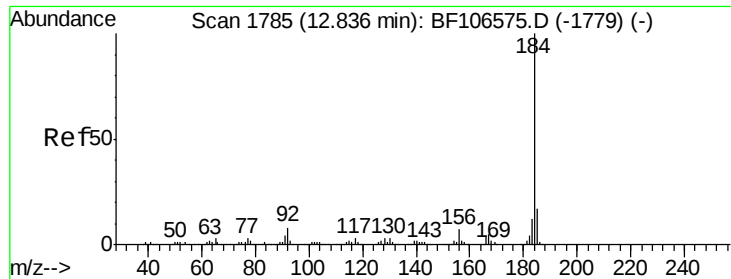


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.152 ng

RT: 13.08 min Scan# 1826

Delta R.T. 0.24 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

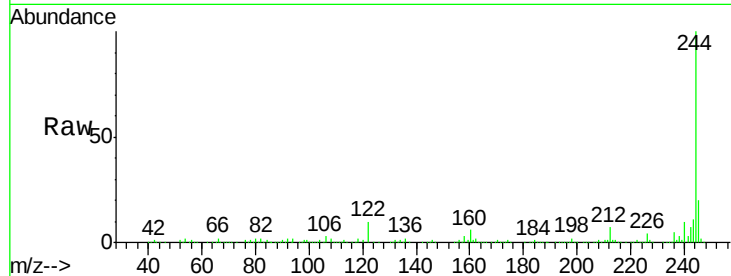
Tgt Ion:184 Resp: 7699

Ion Ratio Lower Upper

184 100

185 20.3 12.6 18.8#

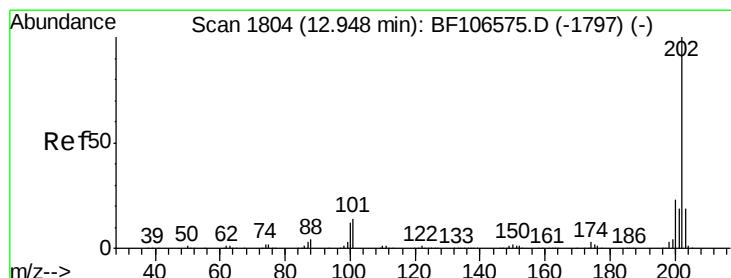
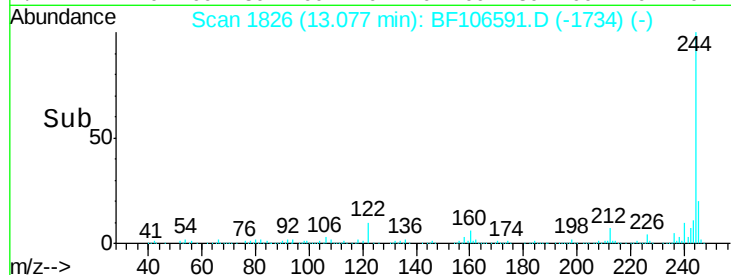
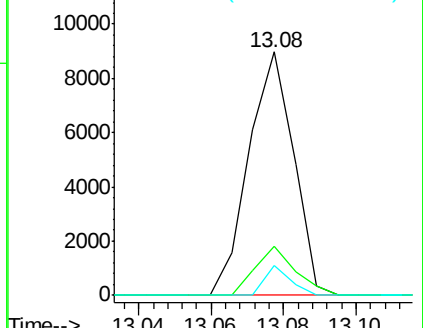
183 12.5 9.3 13.9



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: 0.074 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

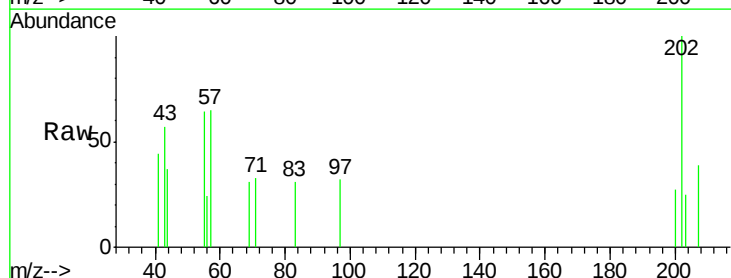
Tgt Ion:202 Resp: 1143

Ion Ratio Lower Upper

202 100

200 27.3 17.4 26.2#

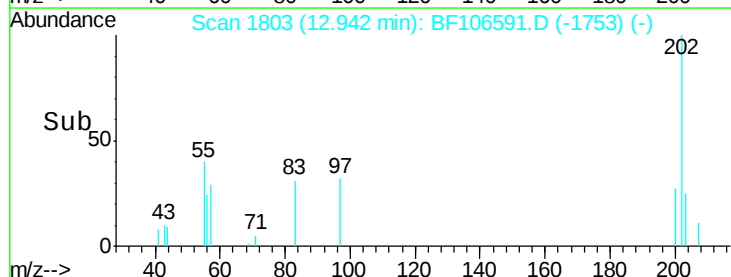
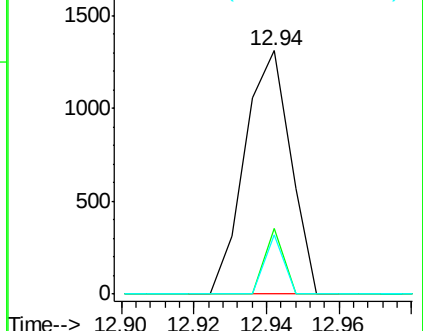
203 24.5 14.3 21.5#

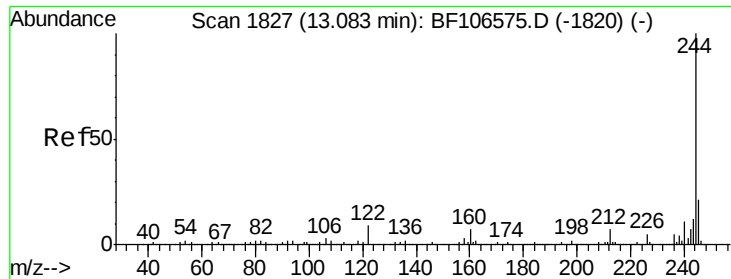


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

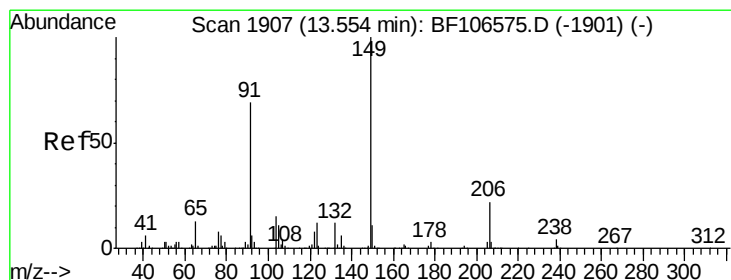
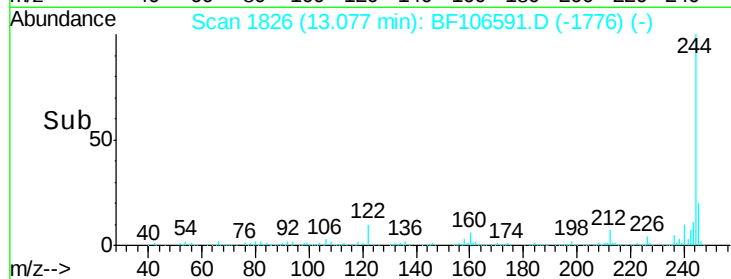
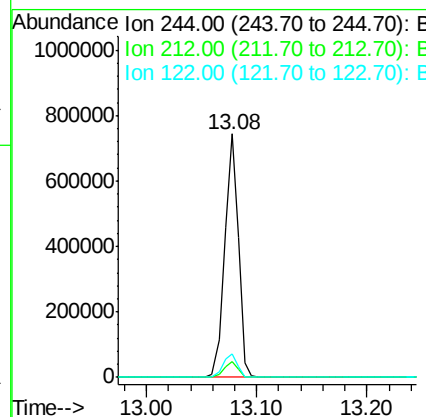
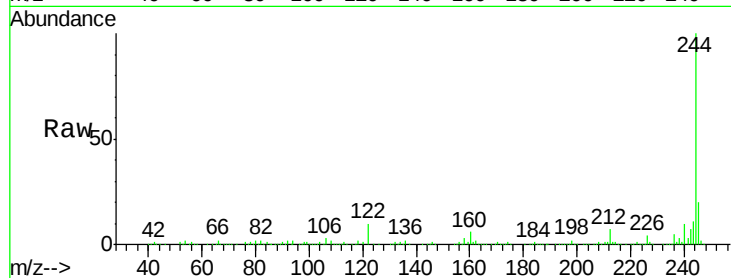




#78
 Terphenyl-d14
 Concen: 65.927 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

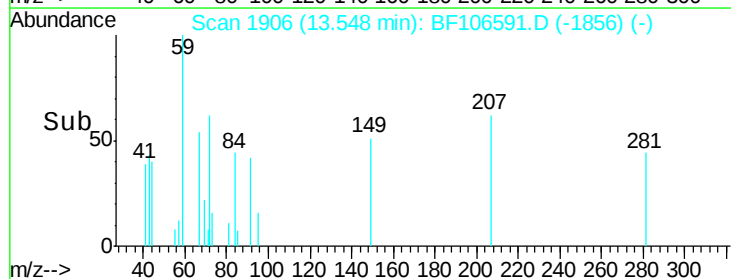
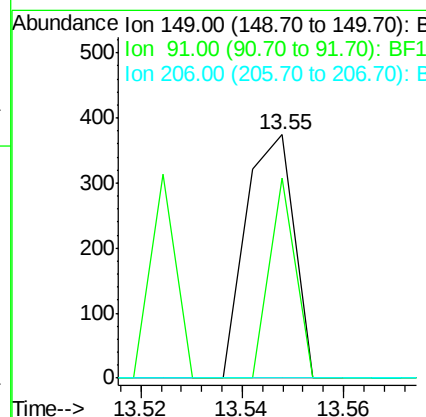
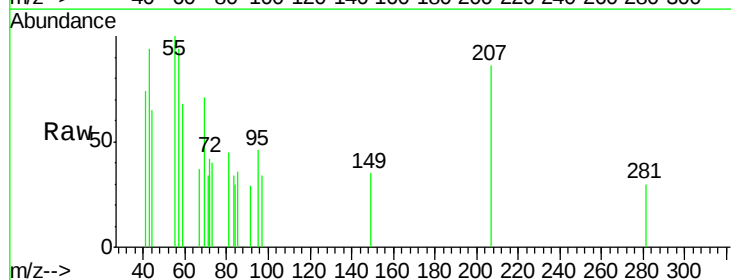
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

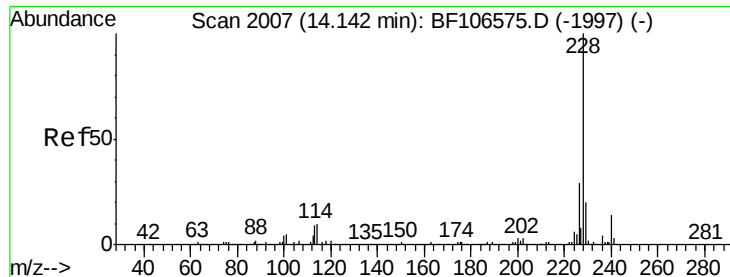
Tgt Ion:244 Resp: 638843
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.8 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 0.038 ng
 RT: 13.55 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Tgt Ion:149 Resp: 245
 Ion Ratio Lower Upper
 149 100
 91 82.1 56.8 85.2
 206 0.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 0.125 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

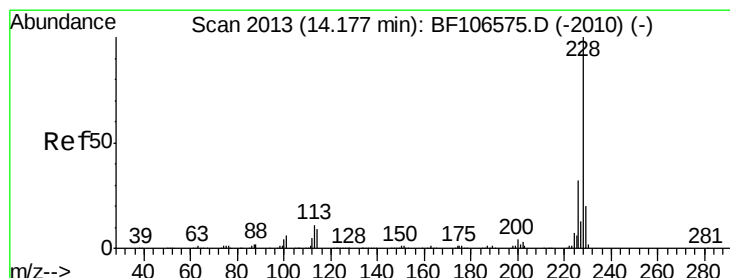
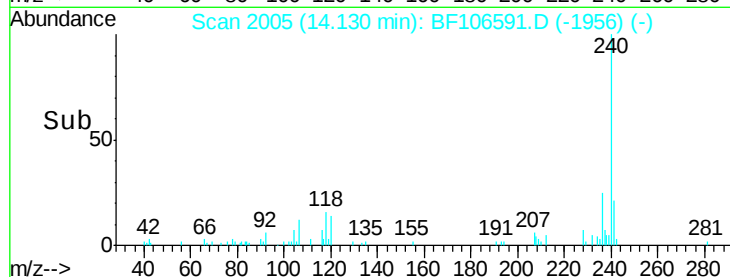
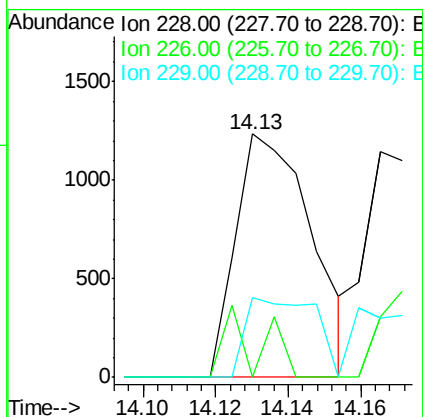
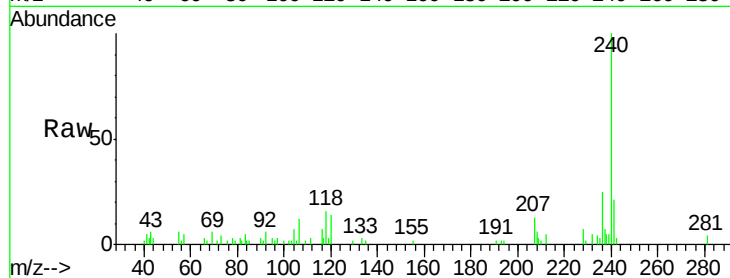
Instrument :

BNA_F

ClientSampleId :

TP-5-D

Tgt Ion:	228	Resp:	1791
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	32.9	15.8	23.6#



#82

Chrysene

Concen: 0.090 ng

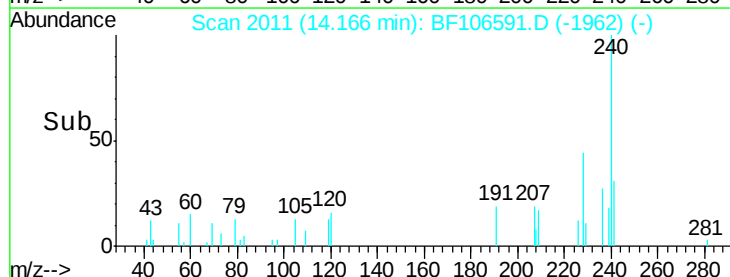
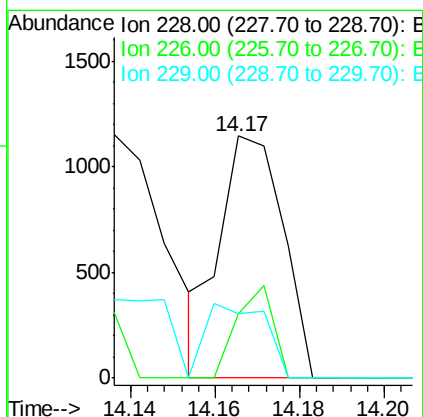
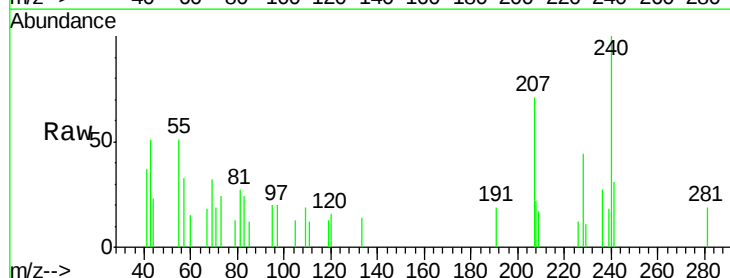
RT: 14.17 min Scan# 2011

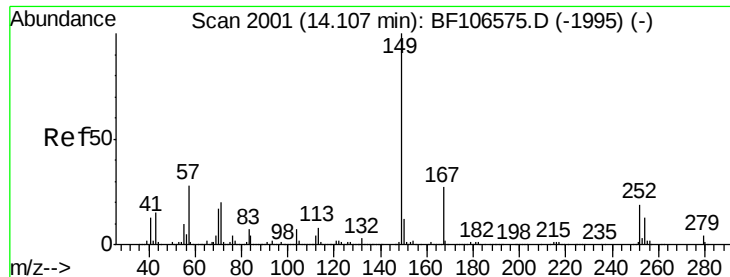
Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Tgt Ion:	228	Resp:	1184
Ion	Ratio	Lower	Upper
228	100		
226	26.7	25.0	37.6
229	26.3	16.2	24.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.157 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

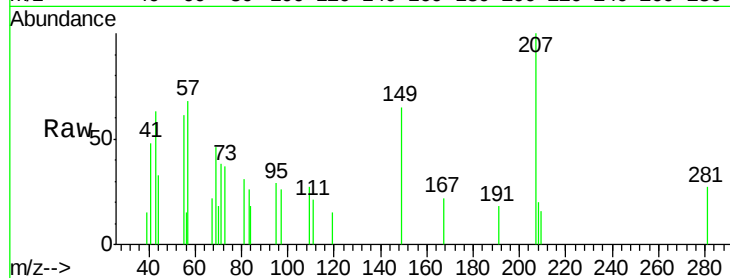
Tgt Ion:149 Resp: 1281

Ion Ratio Lower Upper

149 100

167 33.5 21.3 31.9#

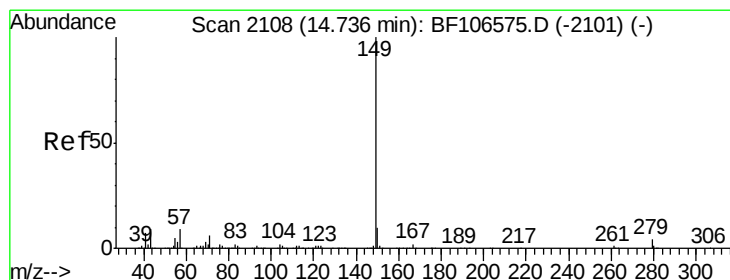
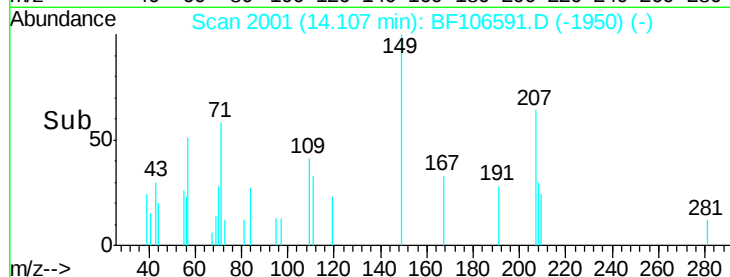
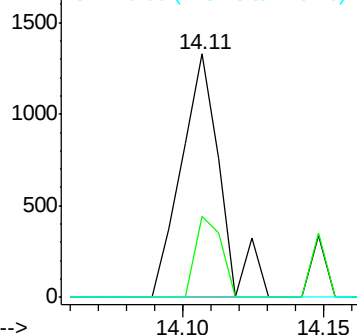
279 0.0 3.0 4.4#



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: 0.061 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

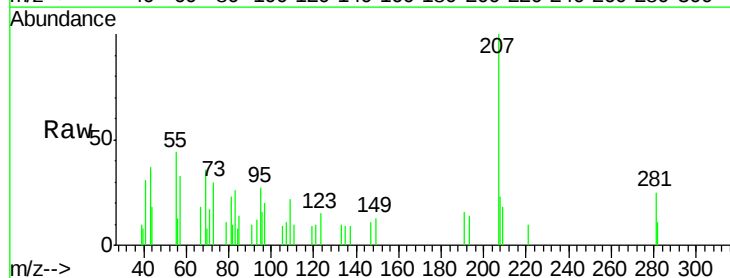
Tgt Ion:149 Resp: 810

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

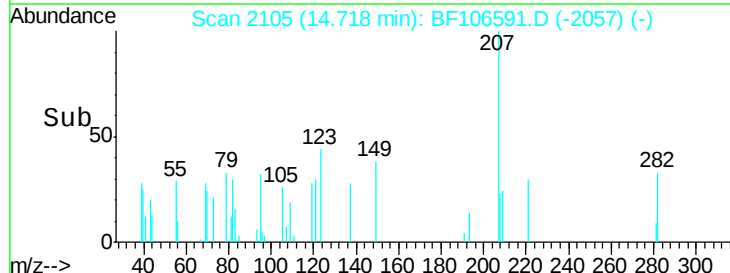
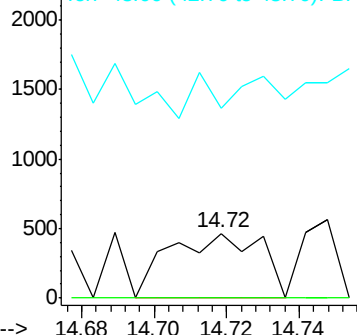
43 17.3 8.4 12.6#

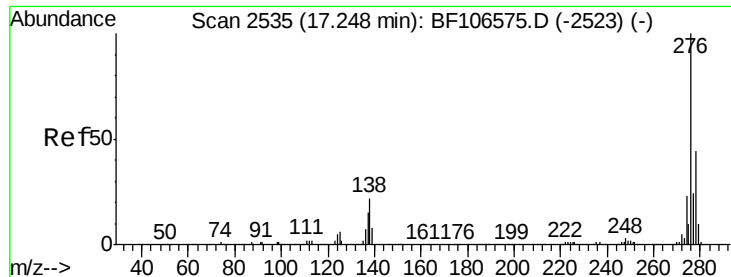


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

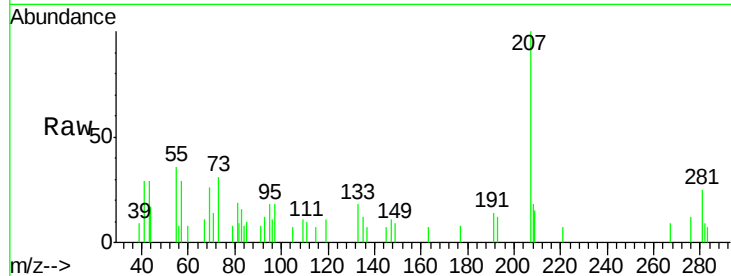




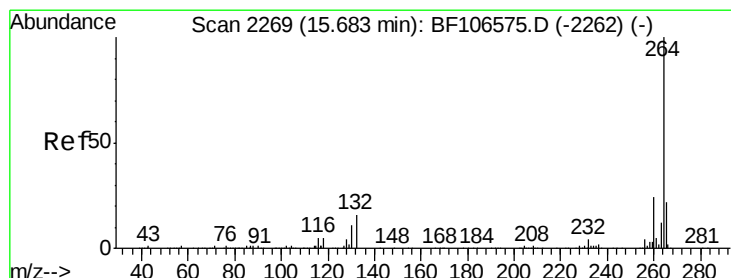
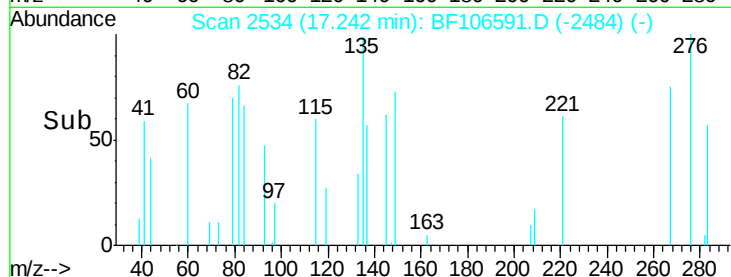
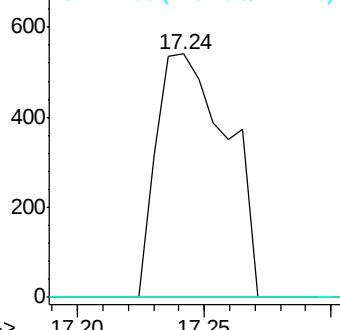
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.095 ng
 RT: 17.24 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Instrument :
 BNA_F
 ClientSampled :
 TP-5-D

Tgt Ion: 276 Resp: 1056
 Ion Ratio Lower Upper
 276 100
 138 0.0 25.0 37.6#
 277 0.0 20.1 30.1#

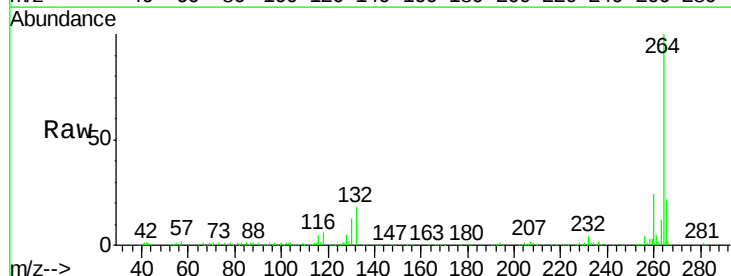


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

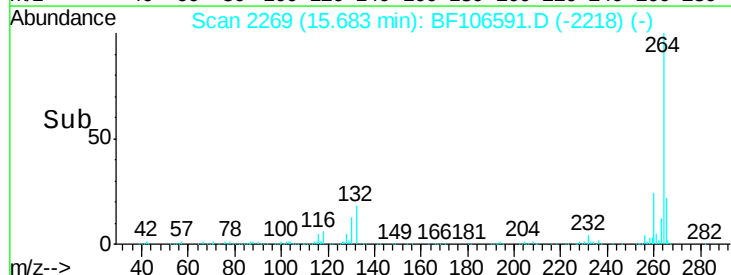
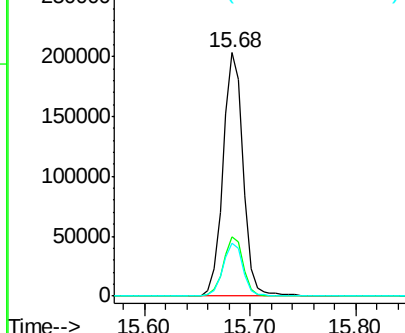


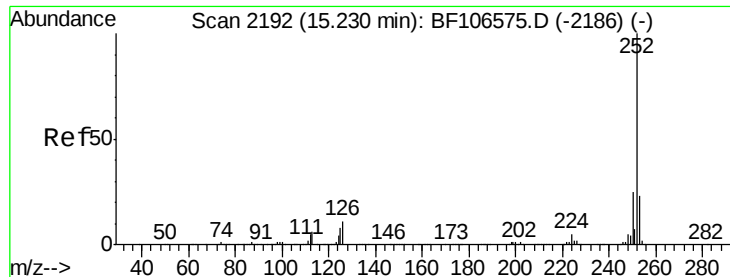
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106591.D
 Acq: 19 Jun 2018 19:22

Tgt Ion: 264 Resp: 268748
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

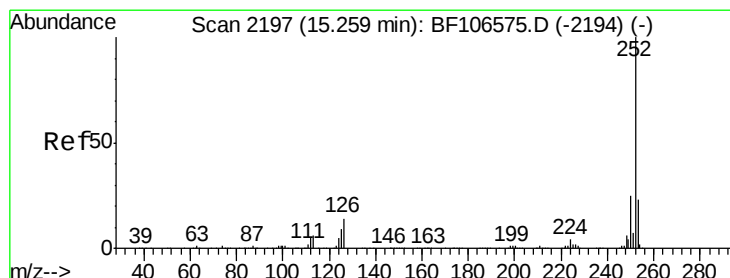
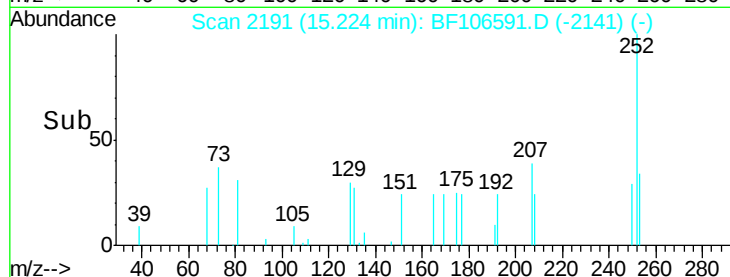
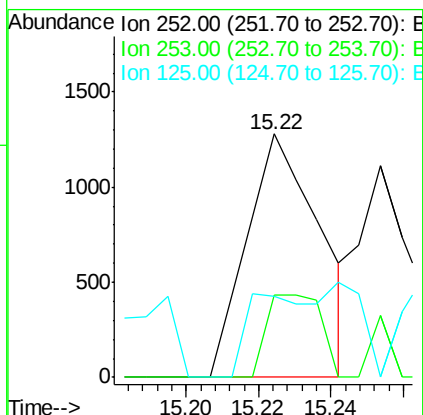
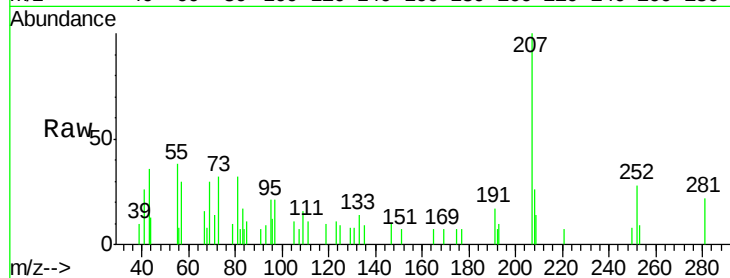




#87
Benzo(b)fluoranthene
Concen: 0.106 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

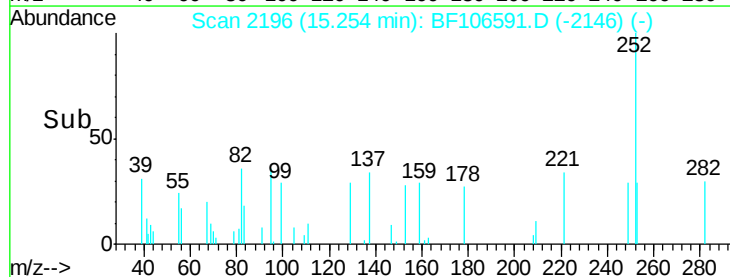
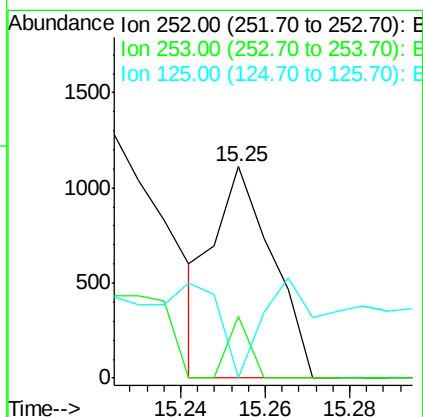
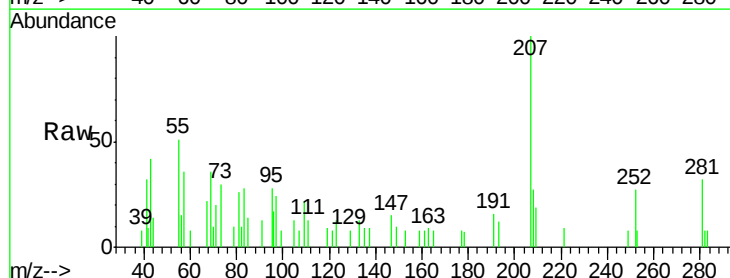
Instrument :
BNA_F
ClientSampleId :
TP-5-D

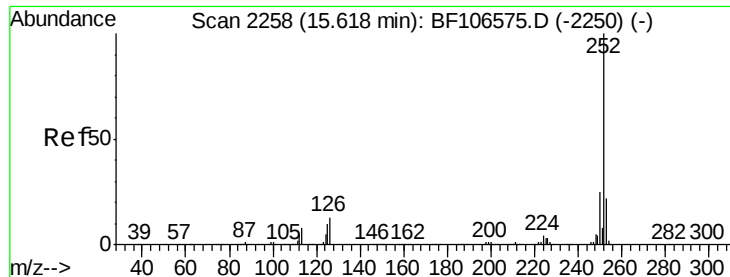
Tgt Ion:252 Resp: 1773
Ion Ratio Lower Upper
252 100
253 33.8 17.0 25.6#
125 33.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.067 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106591.D
Acq: 19 Jun 2018 19:22

Tgt Ion:252 Resp: 1065
Ion Ratio Lower Upper
252 100
253 29.5 17.9 26.9#
125 0.0 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.081 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

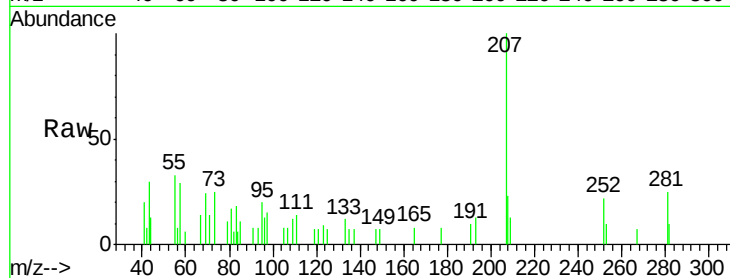
Tgt Ion:252 Resp: 1195

Ion Ratio Lower Upper

252 100

253 43.1 17.1 25.7#

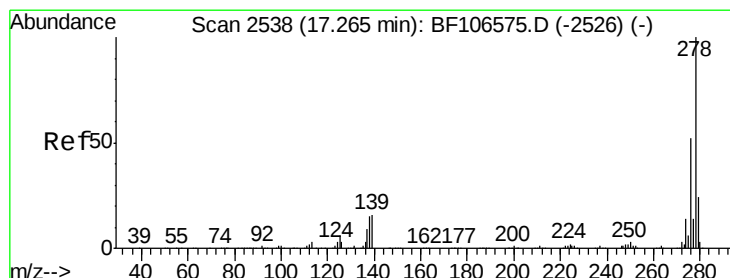
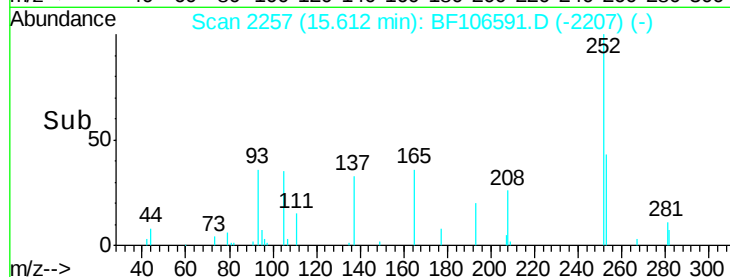
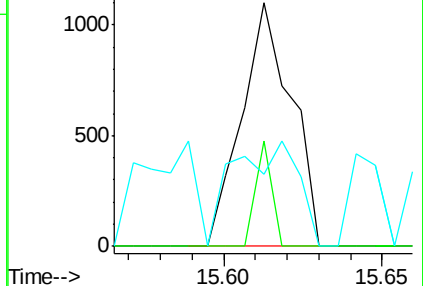
125 29.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.029 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

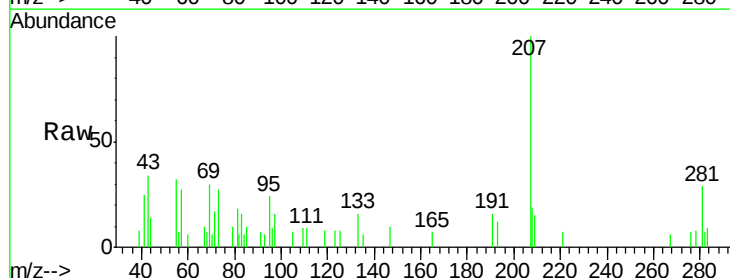
Tgt Ion:278 Resp: 367

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

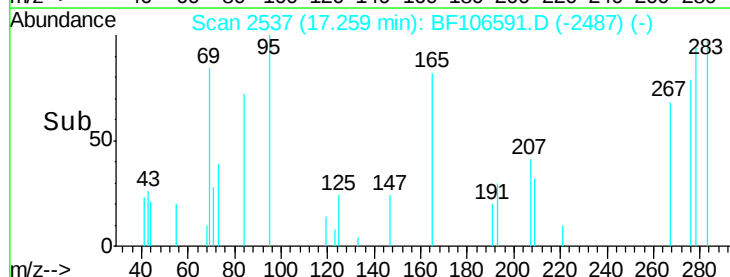
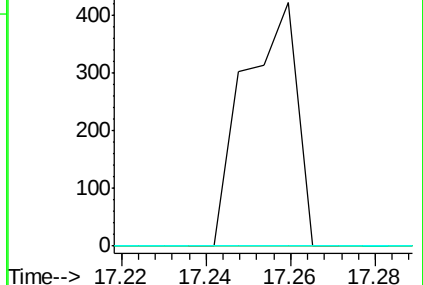
279 0.0 19.0 28.4#

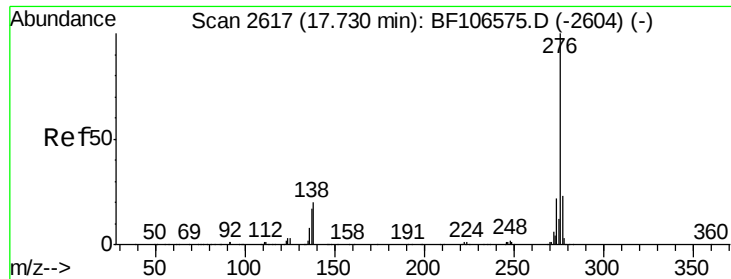


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.103 ng

RT: 17.72 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF106591.D

Acq: 19 Jun 2018 19:22

Instrument :

BNA_F

ClientSampleId :

TP-5-D

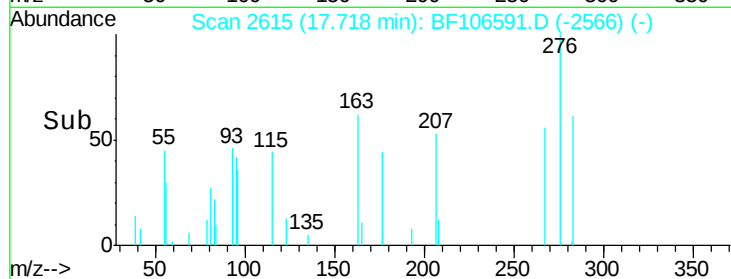
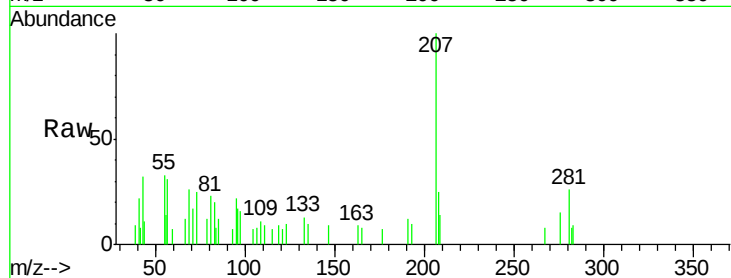
Tgt Ion: 276 Resp: 1264

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

