

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106358.D
 Acq On : 12 Jun 2018 21:24
 Operator : JU/SJ
 Sample : J3425-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:10:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	159168	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	140049	20.00	ng	0.01
38) Acenaphthene-d10	10.02	164	82370	20.00	ng	0.01
63) Phenanthrene-d10	11.52	188	440838	20.00	ng	0.02
75) Chrysene-d12	14.17	240	438437	20.00	ng	0.00
86) Perylene-d12	15.71	264	306847	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1155515	122.87	ng	0.21
7) Phenol-d6	6.66	99	52012	4.38	ng	0.07
23) Nitrobenzene-d5	7.55	82	647314	271.91	ng	0.02
41) 2,4,6-Tribromophenol	10.84	330	359281	453.33	ng	0.04
44) 2-Fluorobiphenyl	9.34	172	1336913	-20.00	ng	0.01
78) Terphenyl-d14	13.10	244	1491736	84.51	ng	0.01

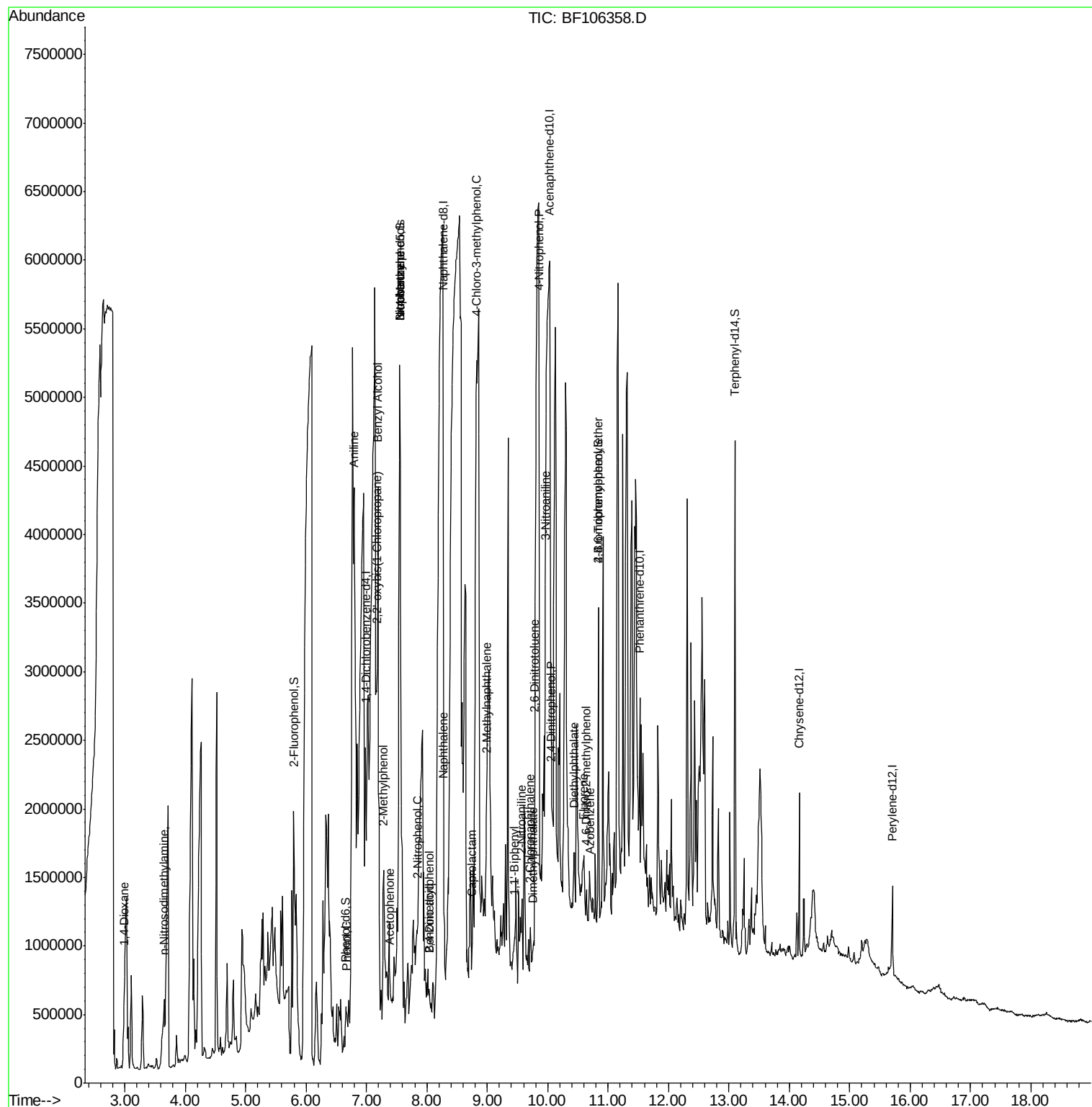
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.98	88	225441	46.320	ng	# 73
4) n-Nitrosodimethylamine	3.64	42	102160	16.442	ng	# 48
6) Aniline	6.78	93	44987	2.593	ng	# 1
10) Phenol	6.68	94	87632	6.756	ng	96
15) Benzyl Alcohol	7.19	79	135208	13.288	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	2932819	184.255	ng	72
17) 2-Methylphenol	7.28	107	542262	60.098	ng	98
20) 3+4-Methylphenols	7.55	107	223486	19.368	ng	90
22) Acetophenone	7.40	105	34146	9.675	ng	# 68
24) Nitrobenzene	7.55	77	130502	50.435	ng	# 46
25) Isophorone	7.55	82	640315	137.704	ng	# 65
26) 2-Nitrophenol	7.84	139	2955	2.942	ng	# 1
27) 2,4-Dimethylphenol	8.05	122	71314	36.227	ng	96
31) Naphthalene	8.28	128	212066	33.497	ng	98
32) Benzoic acid	8.05	122	71314	48.948	ng	# 25
35) Caprolactam	8.74	113	1895	2.950	ng	# 1
36) 4-Chloro-3-methylphenol	8.82	107	4972	2.367	ng	# 35
37) 2-Methylnaphthalene	8.98	142	100468	23.299	ng	# 95
45) 1,1'-Biophenyl	9.44	154	13322	2.088	ng	82
46) 2-Chloronaphthalene	9.71	162	15495	3.035	ng	92
47) 2-Nitroaniline	9.57	65	12201	7.596	ng	# 23
49) Dimethylphthalate	9.75	163	37618	6.392	ng	# 82
50) 2,6-Dinitrotoluene	9.78	165	3731	3.104	ng	# 1
52) 3-Nitroaniline	9.95	138	4137	2.900	ng	# 29
53) 2,4-Dinitrophenol	10.07	184	399	9.259	ng	# 1
55) 4-Nitrophenol	9.86	139	6719	6.144	ng	87
57) Fluorene	10.58	166	10878	2.020	ng	# 76
59) Diethylphthalate	10.44	149	46853	8.021	ng	# 40
62) Azobenzene	10.71	77	17337	2.847	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.65	198	1279	6.762	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	23498	4.686	ng	# 1

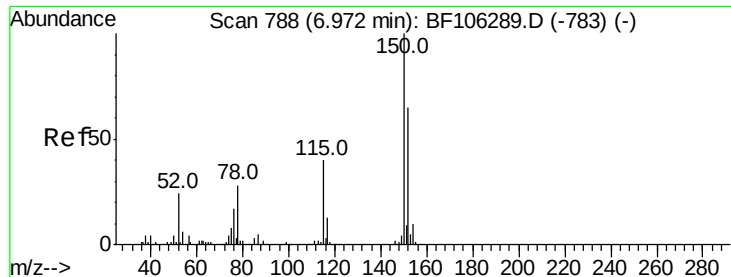
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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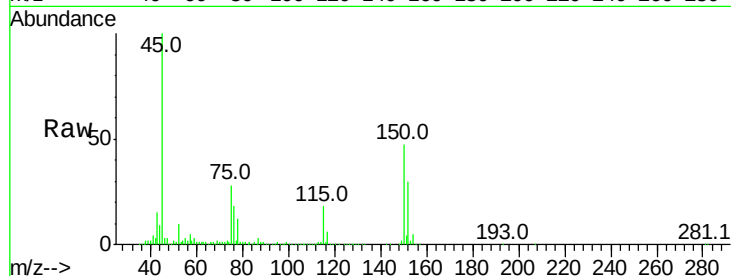


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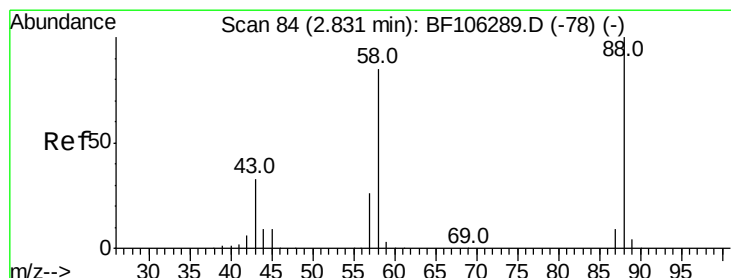
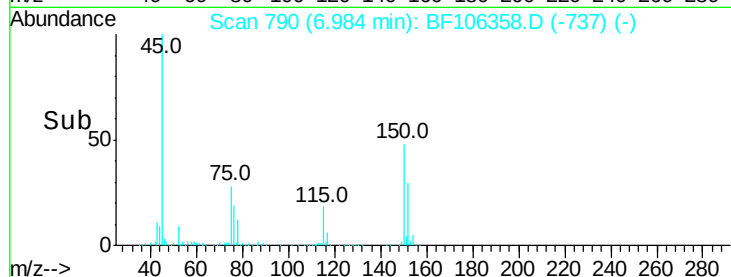
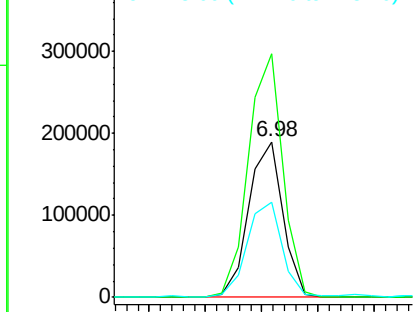
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159168
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 61.1 50.1 75.1



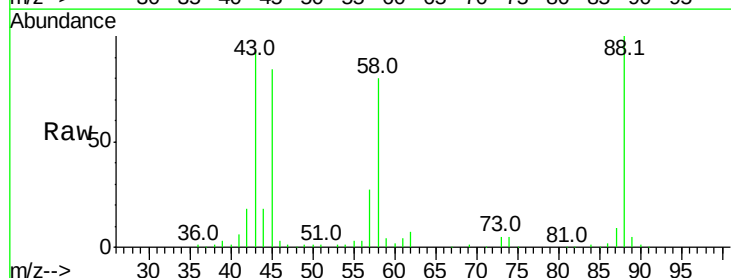
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



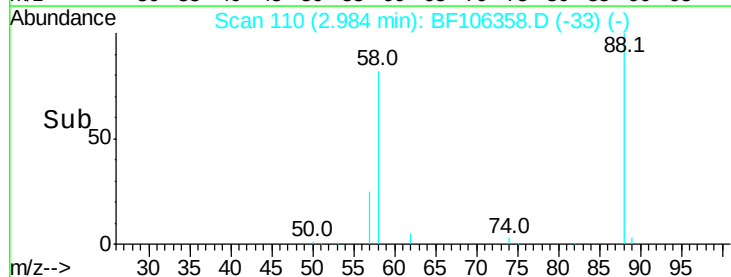
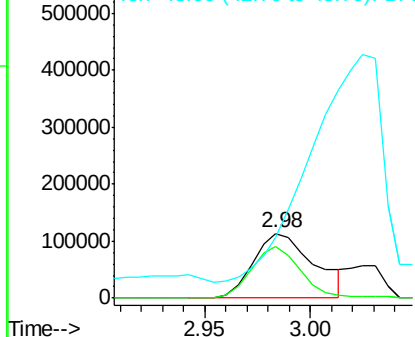
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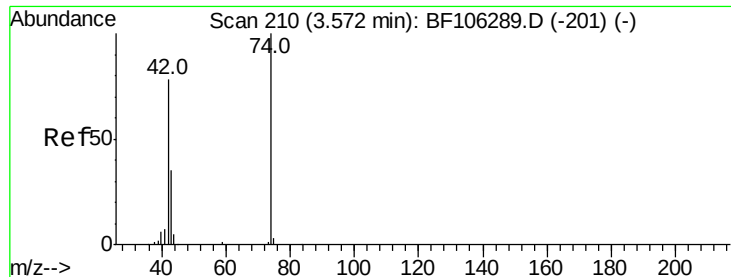
1,4-Dioxane
Concen: 46.320 ng
RT: 2.98 min Scan# 110
Delta R.T. 0.15 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Tgt Ion: 88 Resp: 225441
Ion Ratio Lower Upper
88 100
58 65.0 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



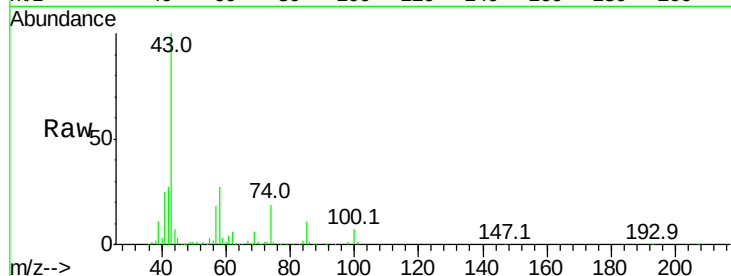


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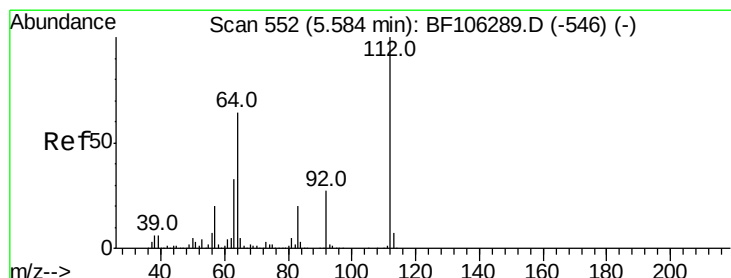
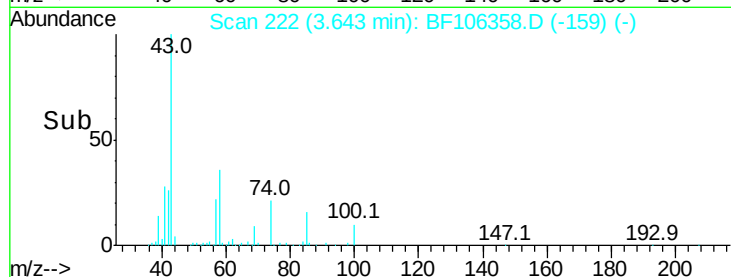
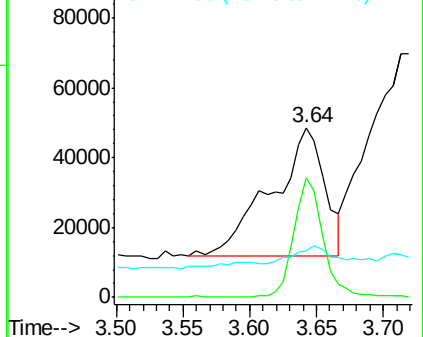
n-Nitrosodimethylamine
Concen: 16.442 ng
RT: 3.64 min Scan# 222
Delta R.T. 0.07 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 42 Resp: 102160
Ion Ratio Lower Upper
42 100
74 70.6 104.9 157.3#
44 27.7 6.9 10.3#



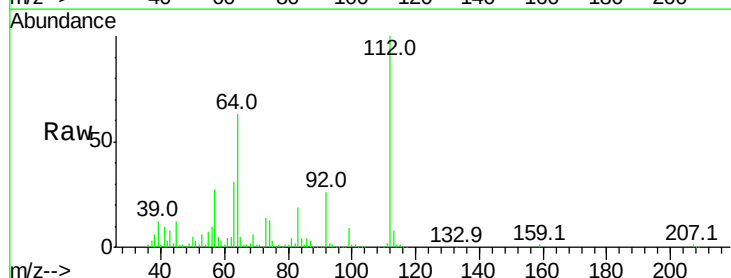
Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



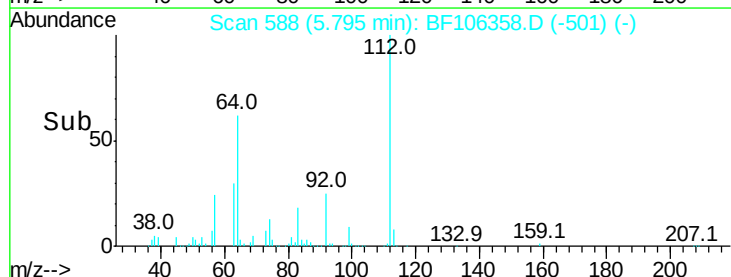
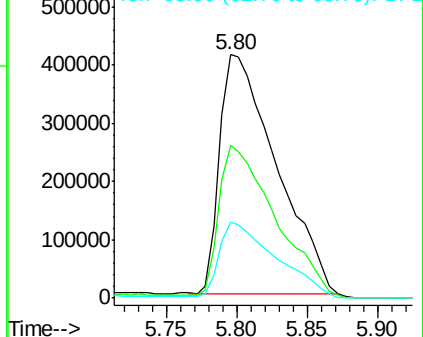
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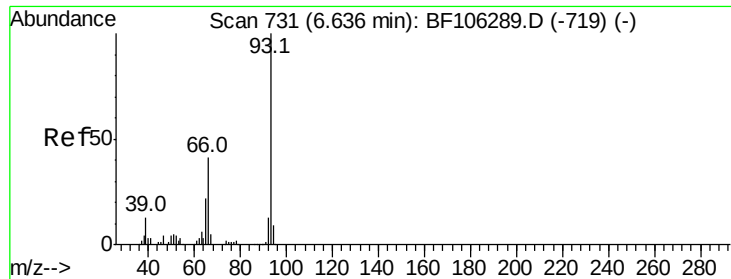
2-Fluorophenol
Concen: 122.871 ng
RT: 5.80 min Scan# 588
Delta R.T. 0.21 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Tgt Ion:112 Resp: 1155515
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 2.593 ng

RT: 6.78 min Scan# 756

Delta R.T. 0.15 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

BNA_F

ClientSampleId :

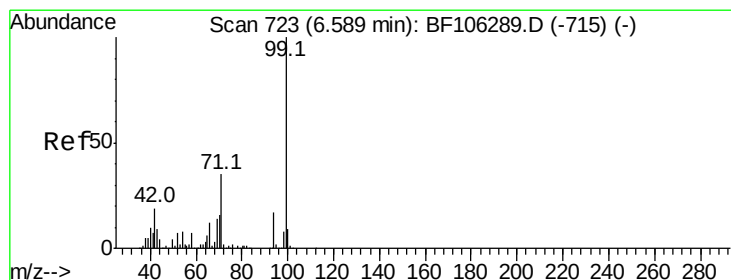
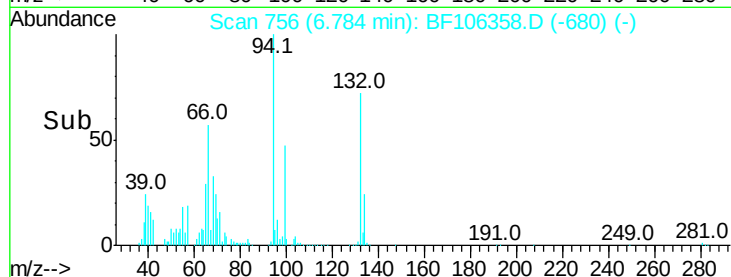
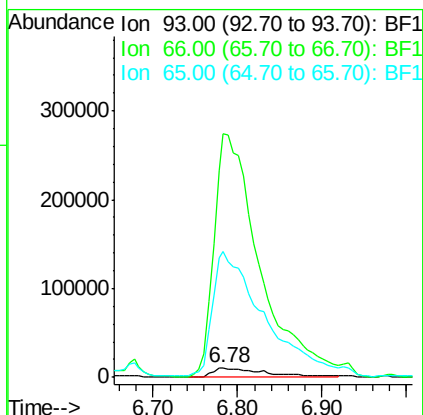
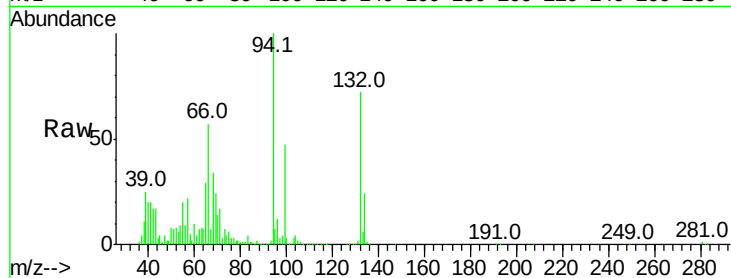
Tot Ion: 93 Resp: 44987

Ion Ratio Lower Upper

93 100

66 2584.6 32.2 48.2#

65 1330.3 16.4 24.6#



#7

Phenol-d6

Concen: 4.378 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.07 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

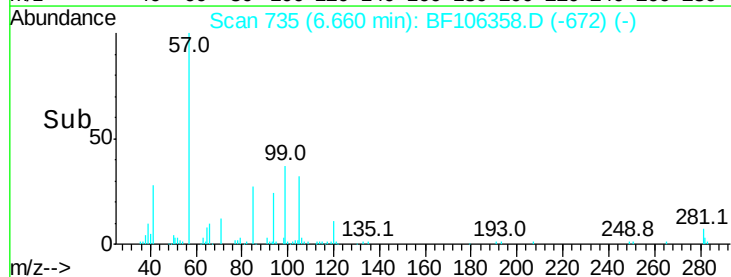
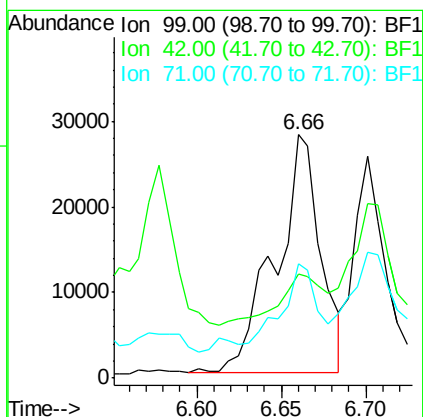
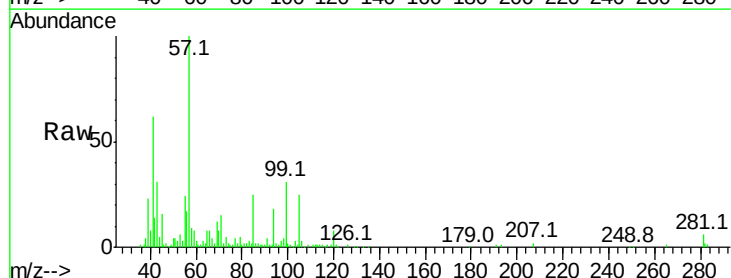
Tgt Ion: 99 Resp: 52012

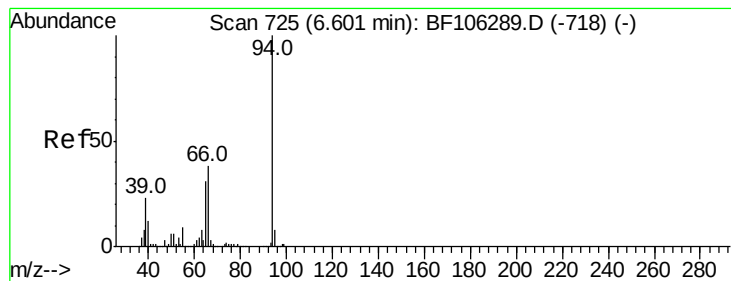
Ion Ratio Lower Upper

99 100

42 42.9 14.5 21.7#

71 47.1 25.4 38.0#





#10

Phenol

Concen: 6.756 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.08 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

BNA_F

ClientSampleId :

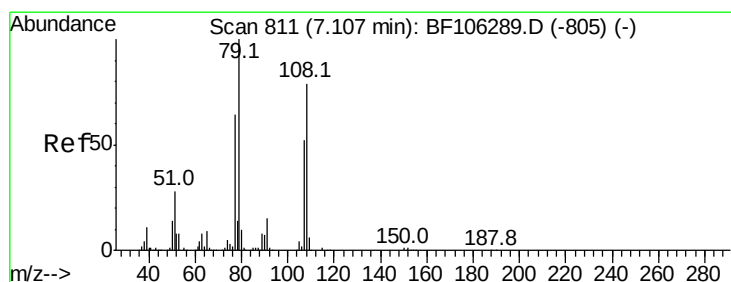
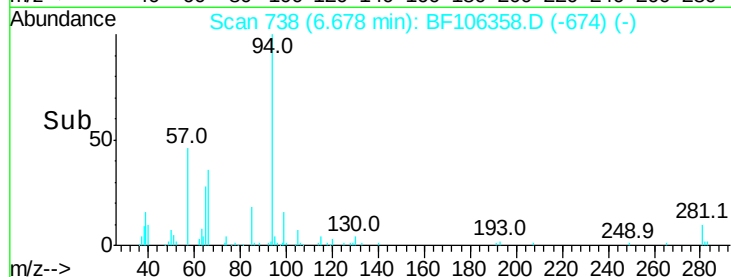
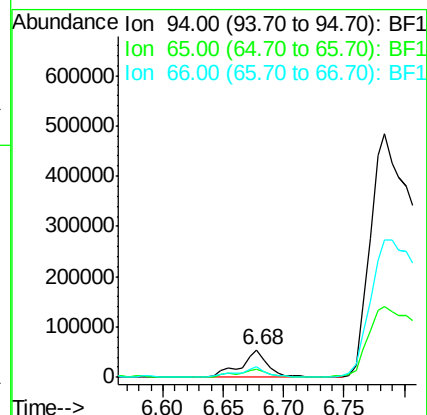
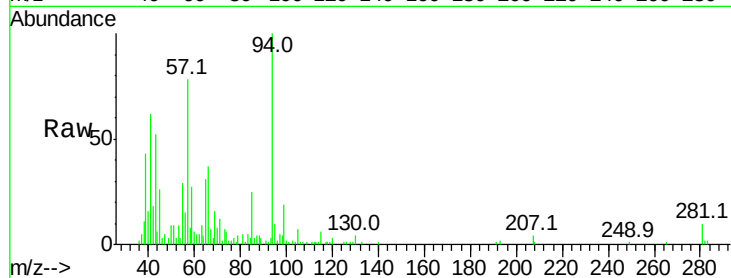
Tot Ion: 94 Resp: 87632

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 37.1 16.2 56.2



#15

Benzyl Alcohol

Concen: 13.288 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.08 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

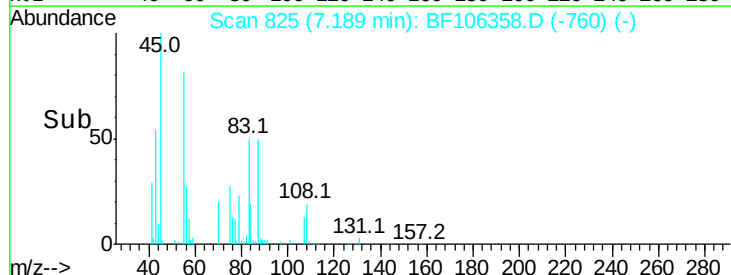
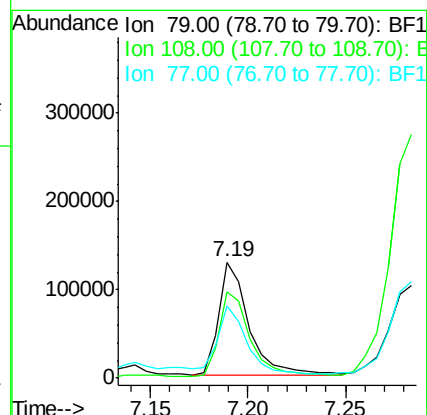
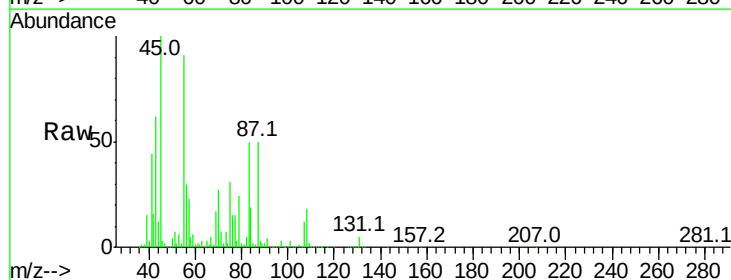
Tgt Ion: 79 Resp: 135208

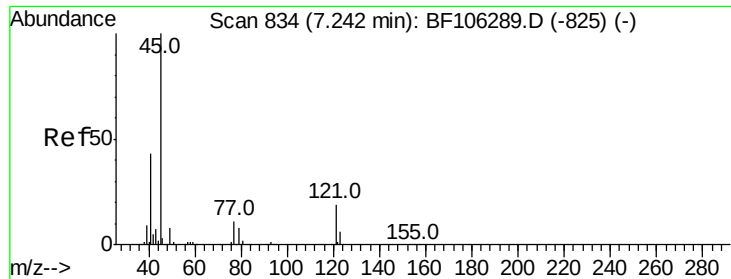
Ion Ratio Lower Upper

79 100

108 74.7 65.1 97.7

77 62.1 50.6 75.8

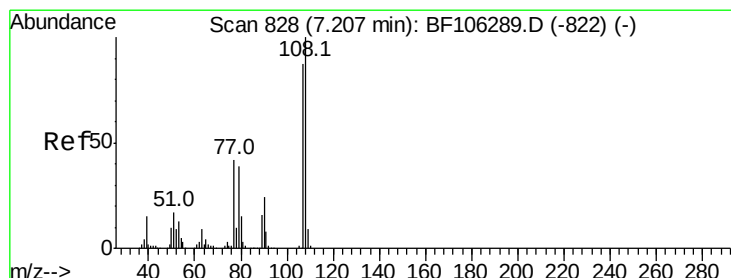
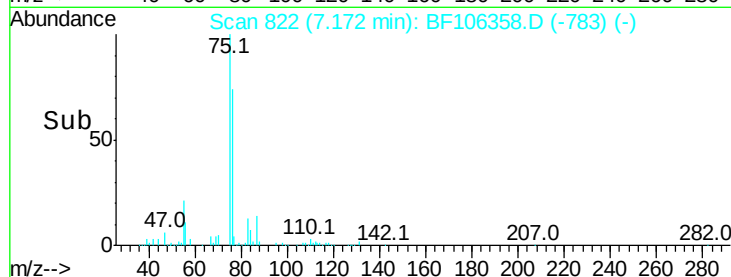
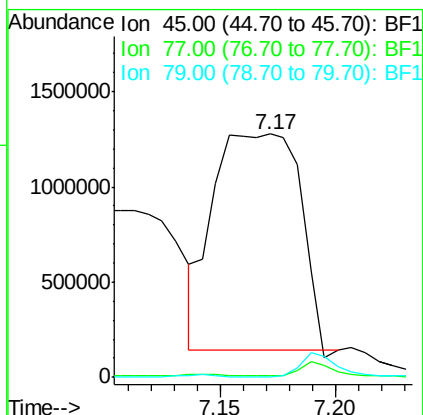
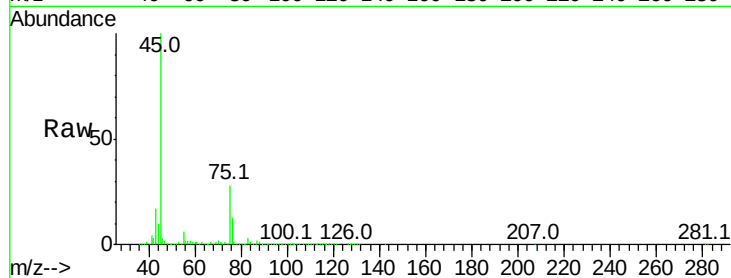




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 184.255 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.07 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

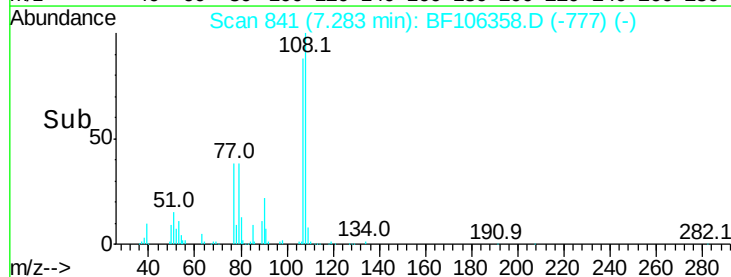
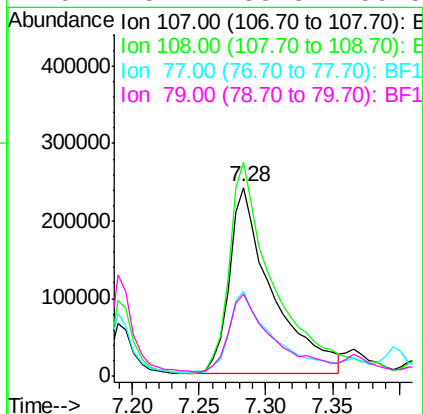
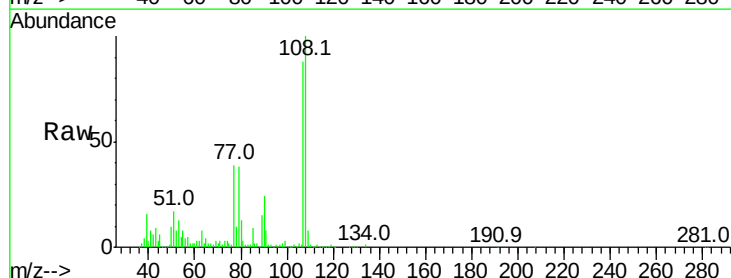
Instrument :
BNA_F
ClientSampleId :

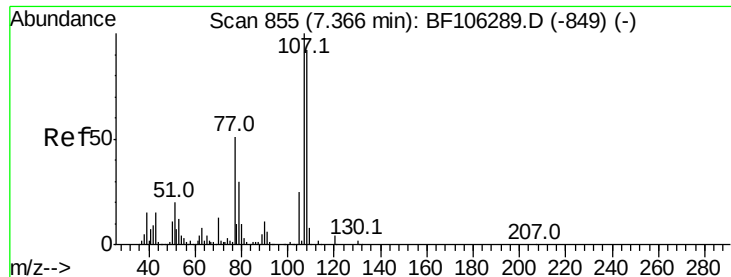
Tot Ion: 45 Resp: 2932819
Ion Ratio Lower Upper
45 100
77 0.8 0.0 32.9
79 0.3 0.0 29.6



#17
2-Methylphenol
Concen: 60.098 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.08 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Tgt Ion:107 Resp: 542262
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 44.6 33.8 50.8
79 43.2 33.8 50.8

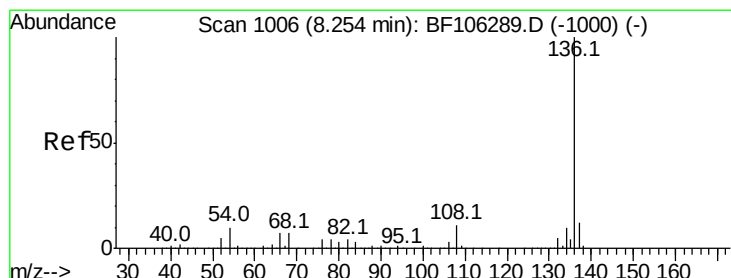
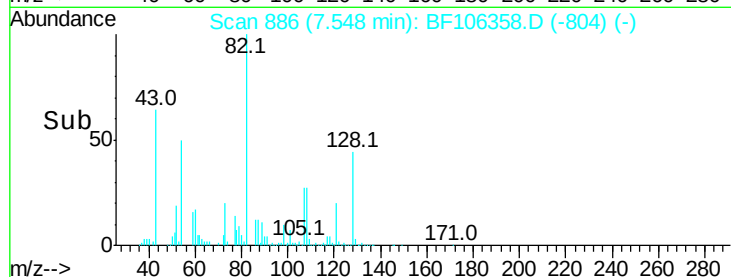
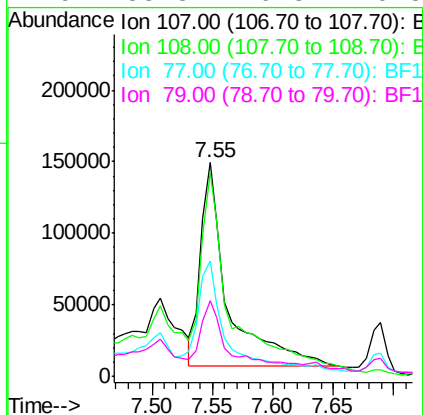
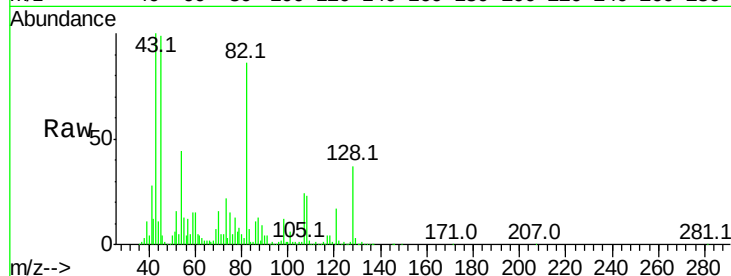




#20
3+4-Methylphenols
Concen: 19.368 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.18 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

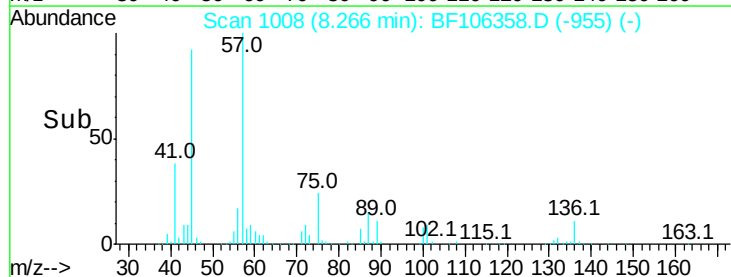
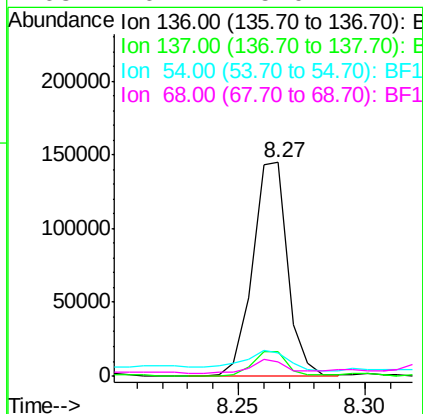
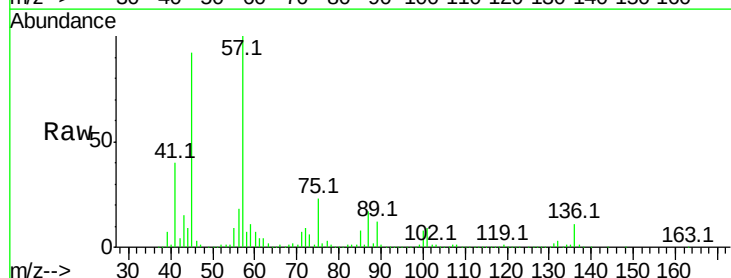
Instrument :
BNA_F
ClientSampleId :

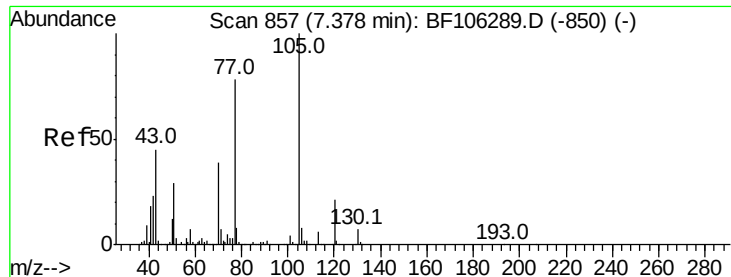
Tot Ion:	107	Resp:	223486
Ion	Ratio	Lower	Upper
107	100		
108	95.2	68.2	108.2
77	53.7	26.7	66.7
79	35.3	6.3	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Tgt Ion:	136	Resp:	140049
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.9	6.6	9.8#
68	6.7	5.0	7.4





#22

Acetophenone

Concen: 9.675 ng

RT: 7.40 min Scan# 860

Delta R.T. 0.02 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

BNA_F

ClientSampled :

Tot Ion: 105 Resp: 34146

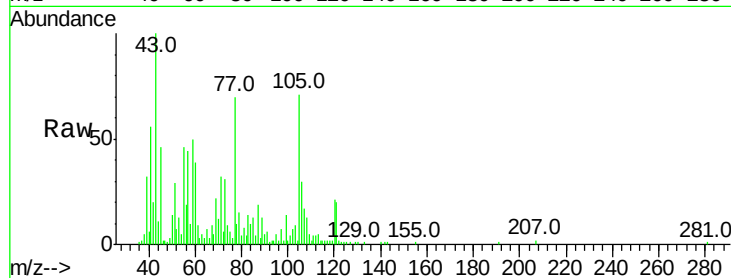
Ion Ratio Lower Upper

105 100

71 44.9 4.4 6.6#

51 41.3 22.3 33.5#

120 29.2 16.9 25.3#

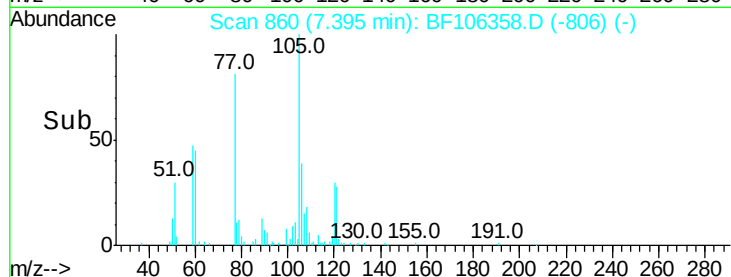
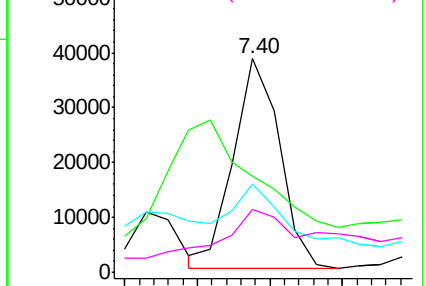


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 271.909 ng

RT: 7.55 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

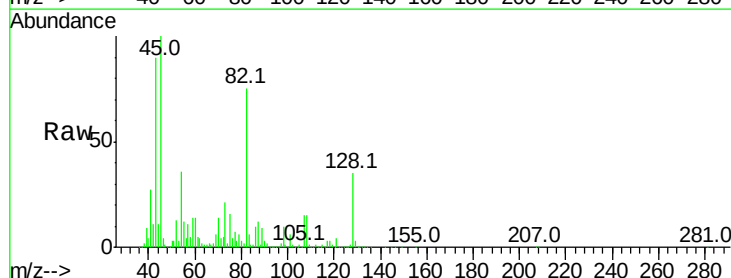
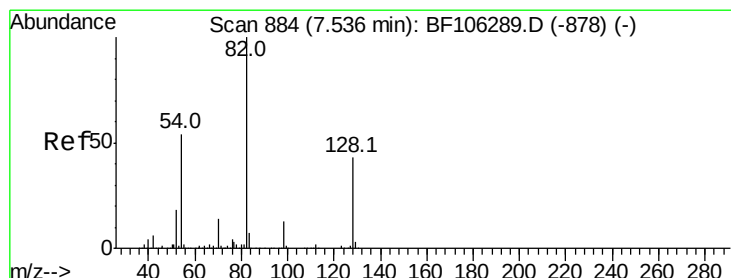
Tgt Ion: 82 Resp: 647314

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

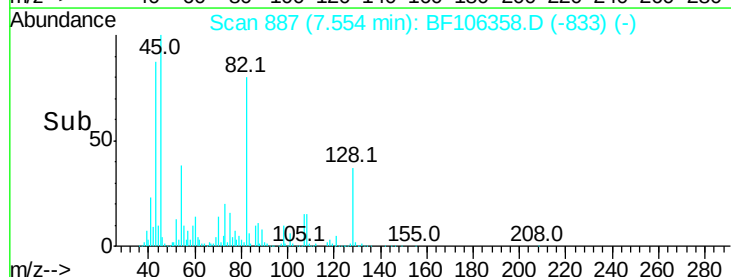
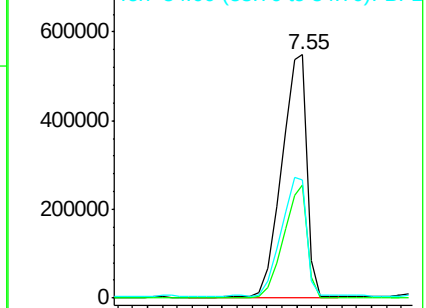
54 48.3 41.4 62.2

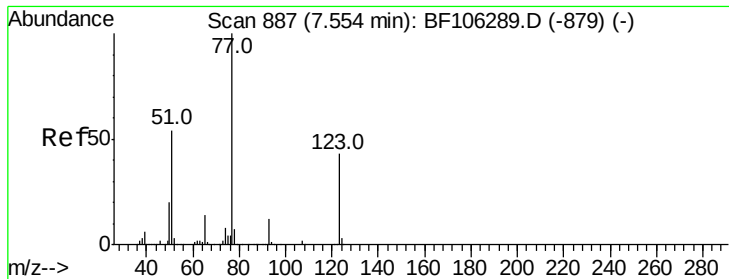


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

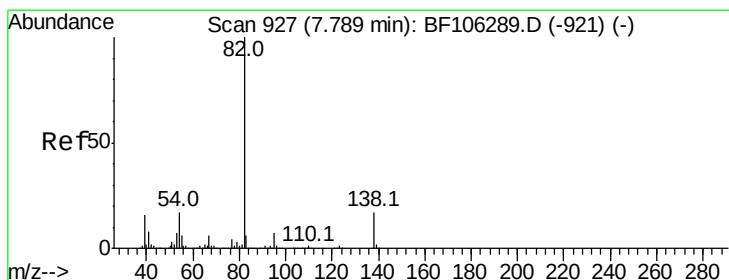
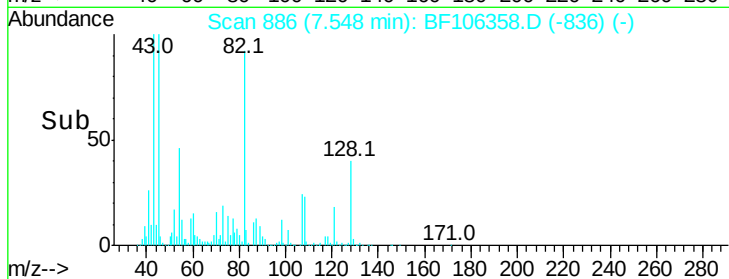
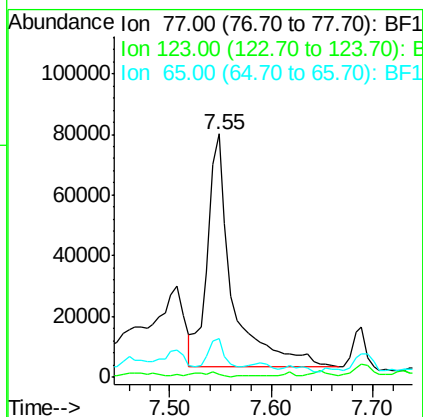
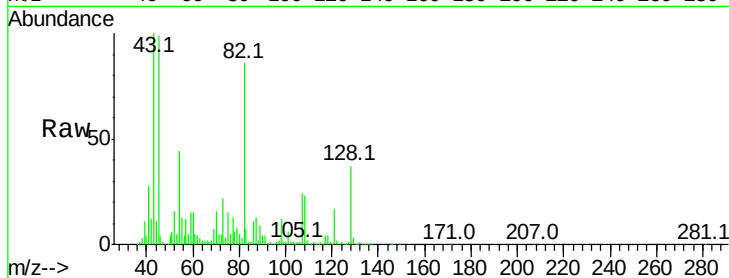




#24
 Nitrobenzene
 Concen: 50.435 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

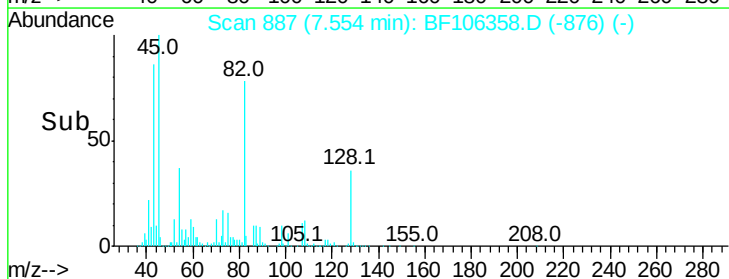
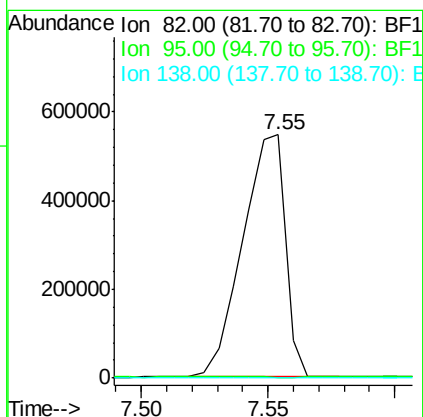
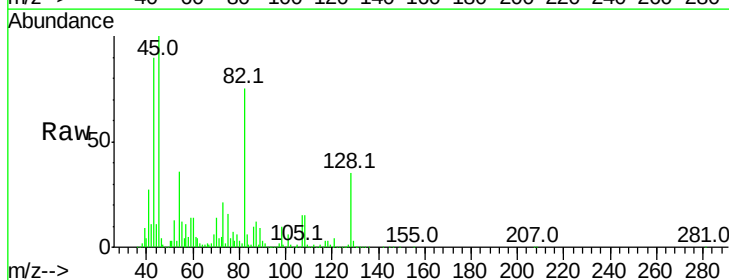
Instrument :
 BNA_F
 ClientSampled :

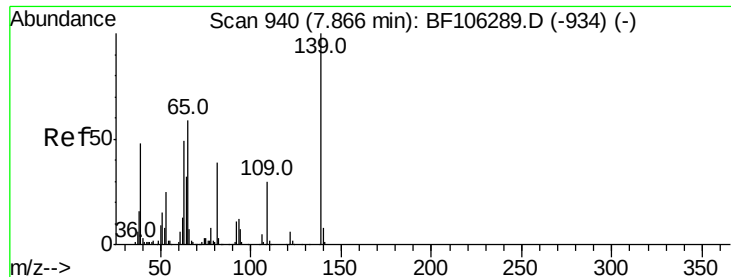
Tot Ion: 77 Resp: 130502
 Ion Ratio Lower Upper
 77 100
 123 1.4 37.9 56.9#
 65 15.7 11.0 16.4



#25
 Isophorone
 Concen: 137.704 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.24 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

Tgt Ion: 82 Resp: 640315
 Ion Ratio Lower Upper
 82 100
 95 0.4 5.2 7.8#
 138 0.0 14.9 22.3#

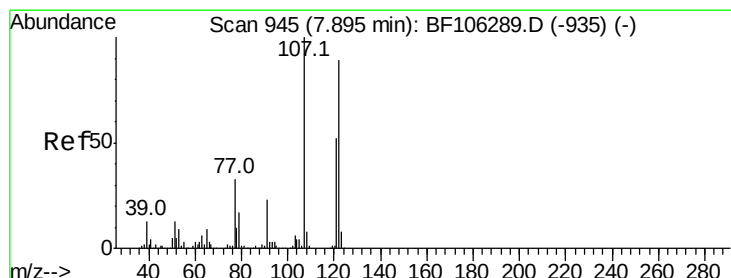
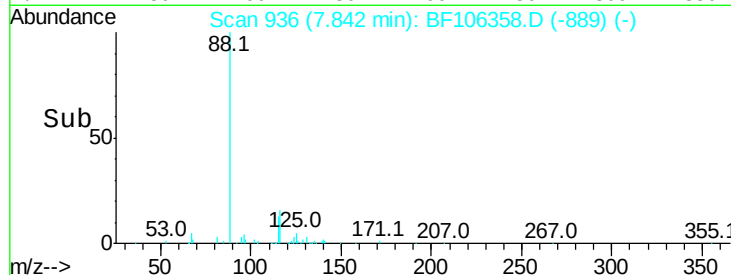
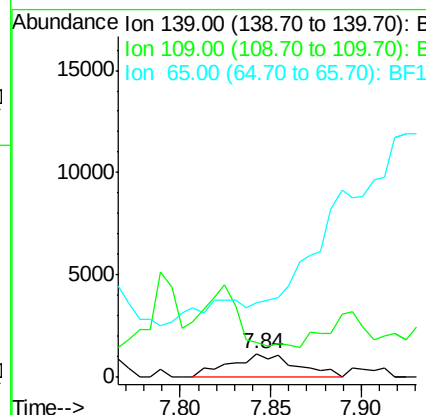
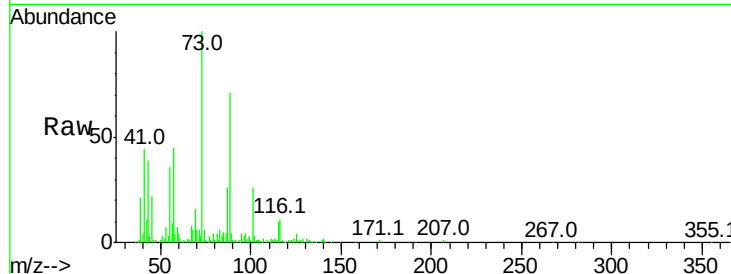




#26
2-Nitrophenol
Concen: 2.942 ng
RT: 7.84 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

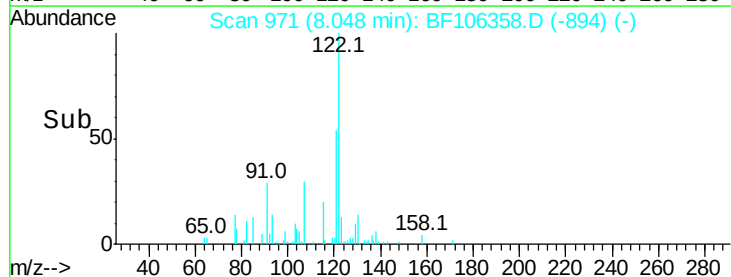
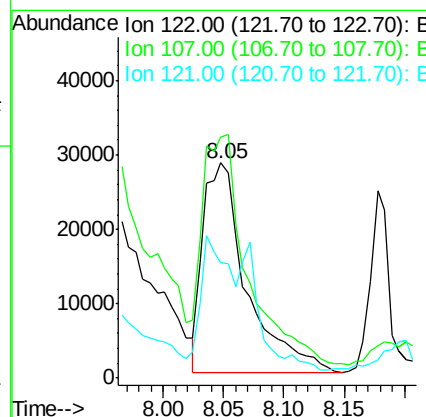
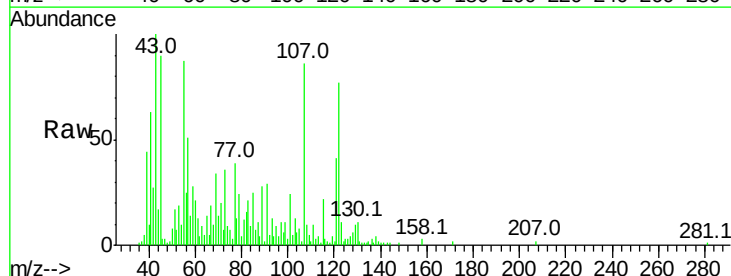
Instrument :
BNA_F
ClientSampleId :

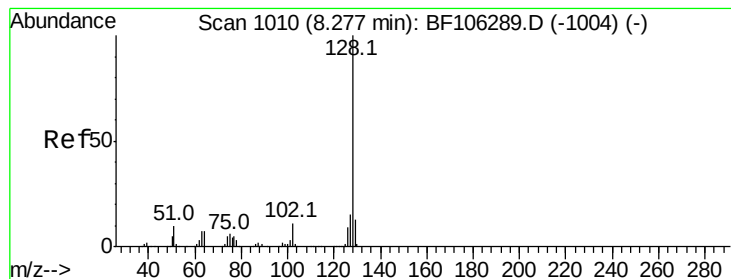
Tot Ion	Ratio	Lower	Upper
139	100		
109	149.5	22.7	34.1#
65	315.4	40.5	60.7#



#27
2,4-Dimethylphenol
Concen: 36.227 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.15 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	91.2	136.8
121	53.7	47.2	70.8





#31

Naphthalene

Concen: 33.497 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

BNA_F

ClientSampleId :

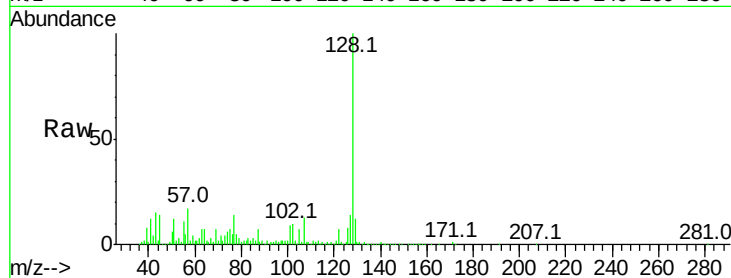
Tot Ion:128 Resp: 212066

Ion Ratio Lower Upper

128 100

129 12.3 8.8 13.2

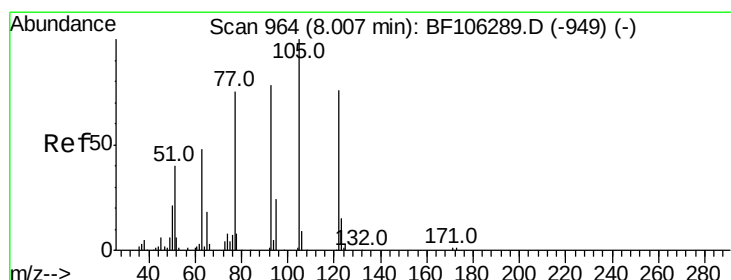
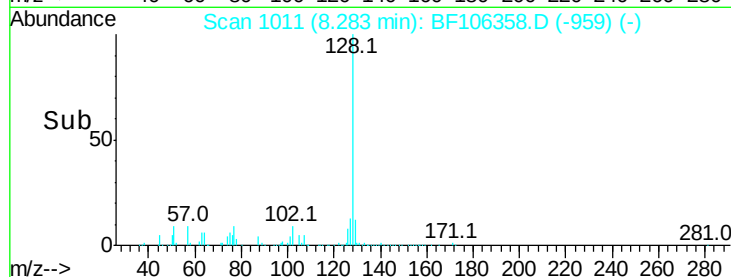
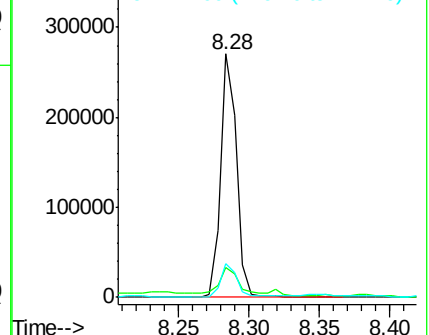
127 13.7 10.9 16.3



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



#32

Benzoic acid

Concen: 48.948 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.04 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

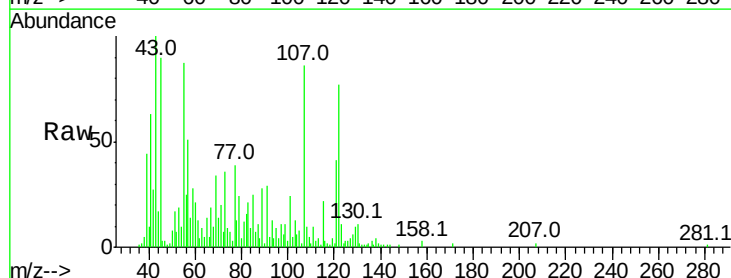
Tgt Ion:122 Resp: 71314

Ion Ratio Lower Upper

122 100

105 9.9 101.1 141.1#

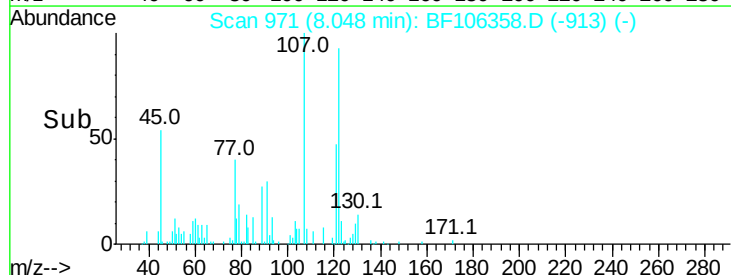
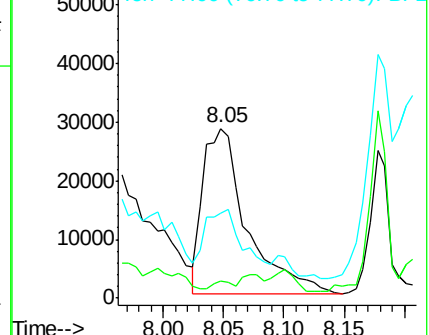
77 50.1 70.7 110.7#

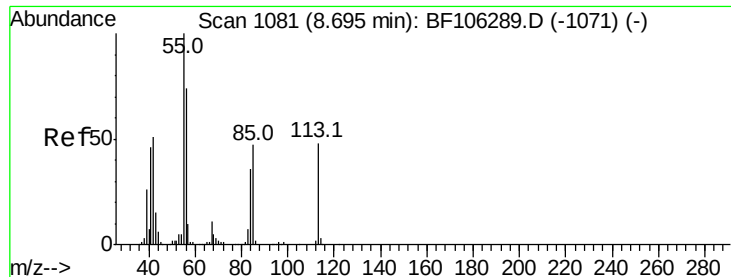


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

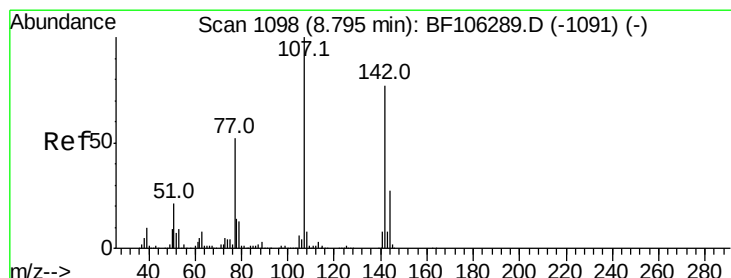
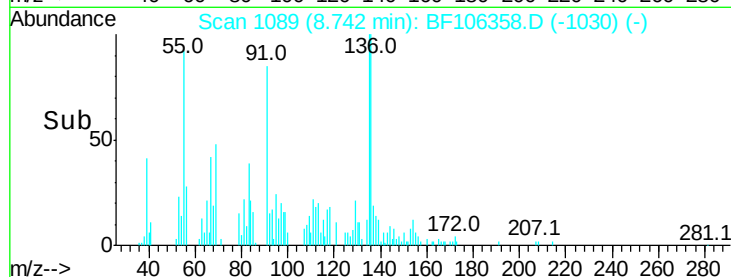
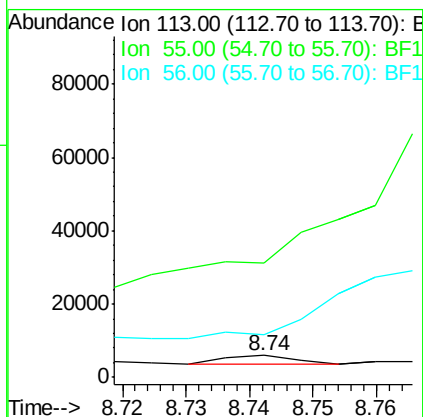
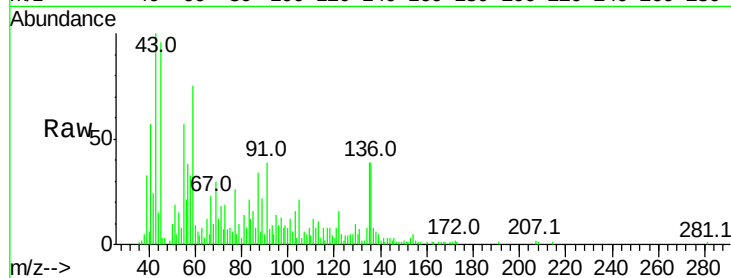




#35
 Caprolactam
 Concen: 2.950 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.05 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

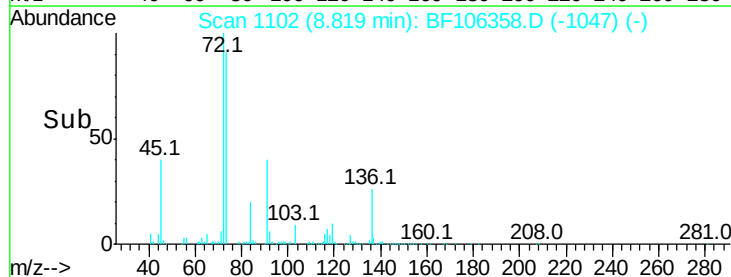
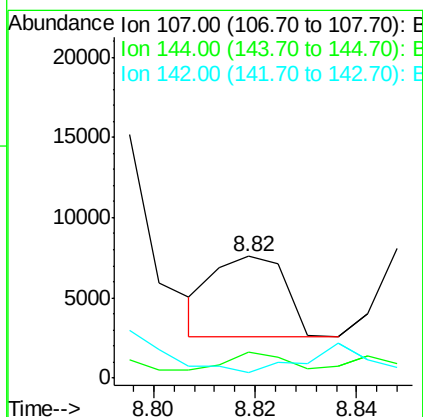
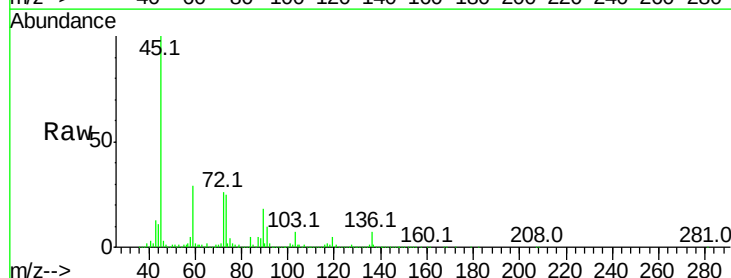
Instrument :
 BNA_F
 ClientSampleId :

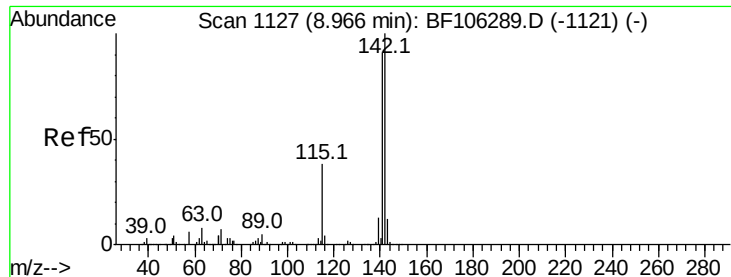
Tot Ion:113 Resp: 1895
 Ion Ratio Lower Upper
 113 100
 55 516.9 163.3 203.3#
 56 195.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 2.367 ng
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

Tgt Ion:107 Resp: 4972
 Ion Ratio Lower Upper
 107 100
 144 21.7 20.5 30.7
 142 4.4 62.0 93.0#

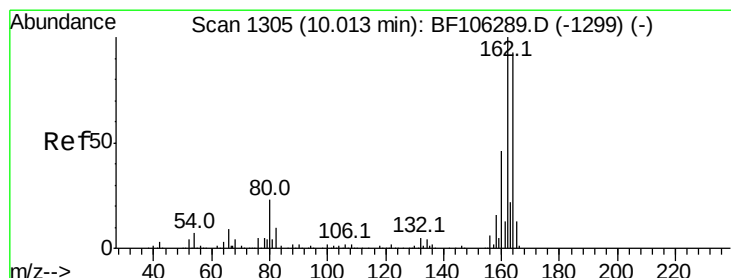
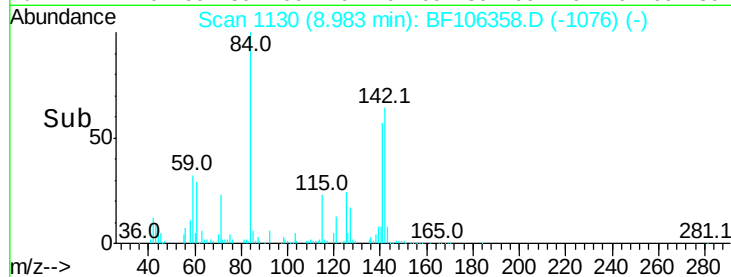
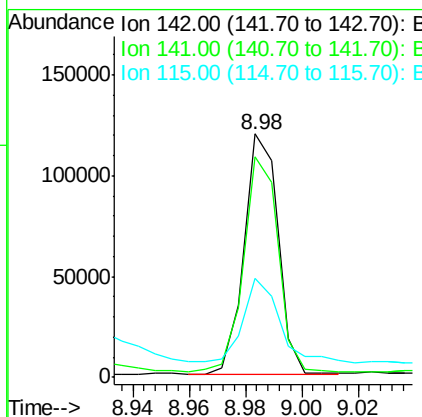
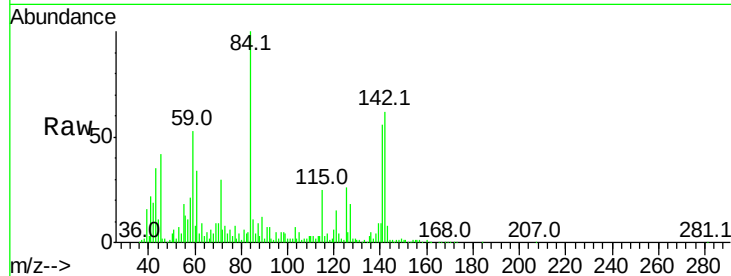




#37
 2-Methylnaphthalene
 Concen: 23.299 ng
 RT: 8.98 min Scan# 1130
 Delta R.T. 0.02 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

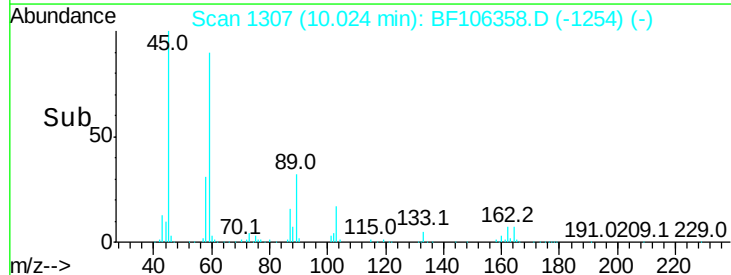
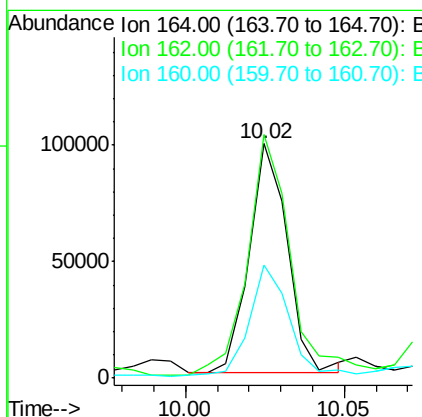
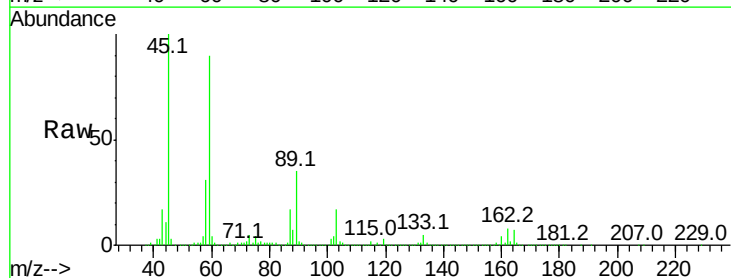
Instrument :
 BNA_F
 ClientSampleId :

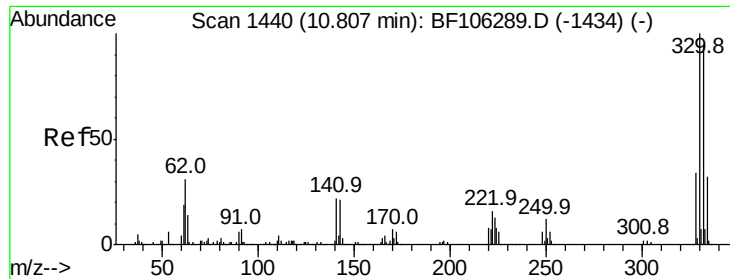
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	40.6	26.1	39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	48.1	38.3	57.5

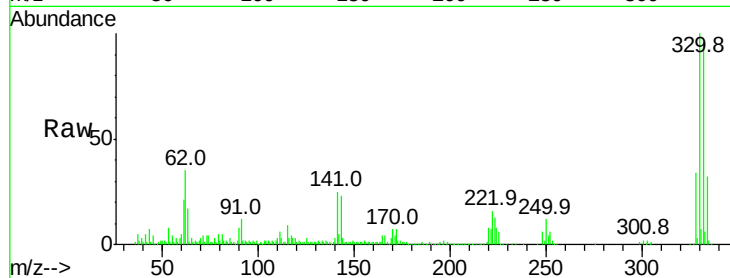




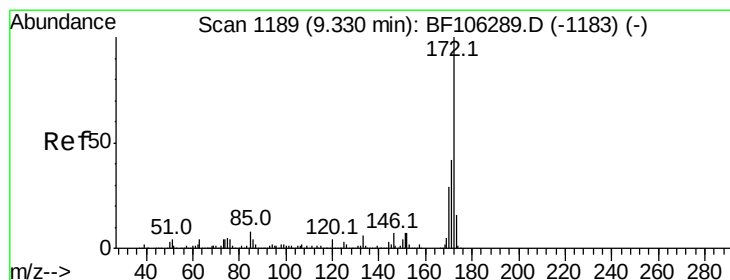
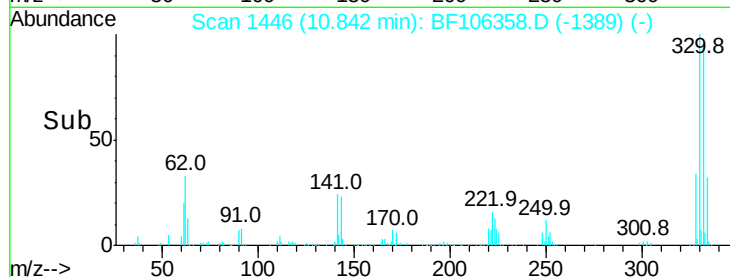
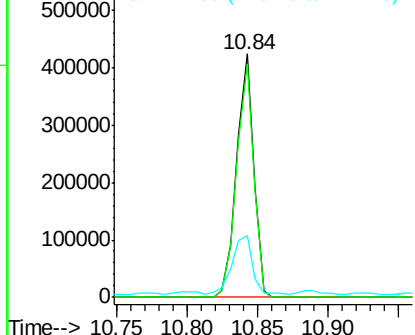
#41
 2,4,6-Tribromophenol
 Concen: 453.327 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. 0.04 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 359281
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 28.2 29.9 44.9#

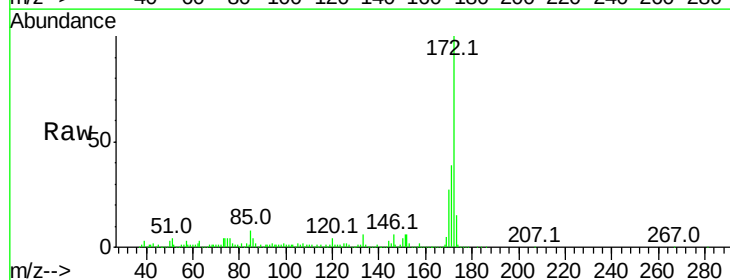


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

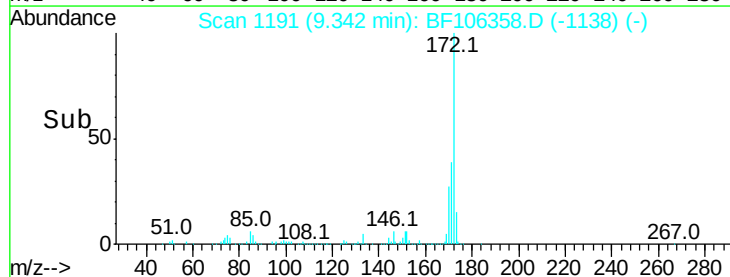
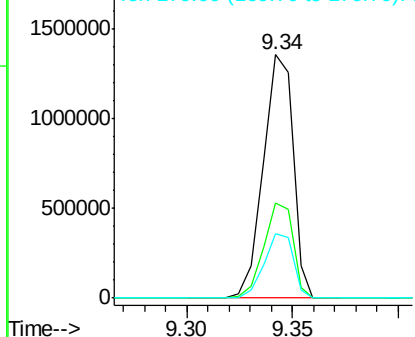


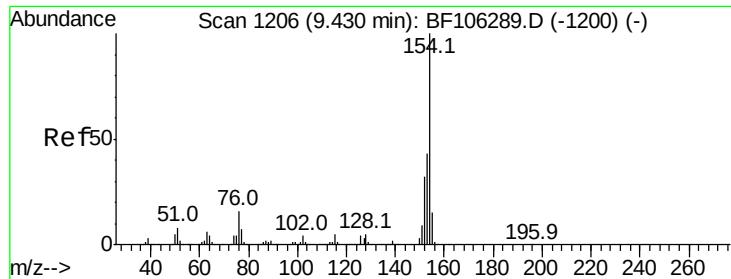
#44
 2-Fluorobiphenyl
 Concen: -20.000 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

Tgt Ion:172 Resp: 1336913
 Ion Ratio Lower Upper
 172 100
 171 39.2 29.7 44.5
 170 26.6 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: 2.088 ng

RT: 9.44 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

BNA_F

ClientSampled :

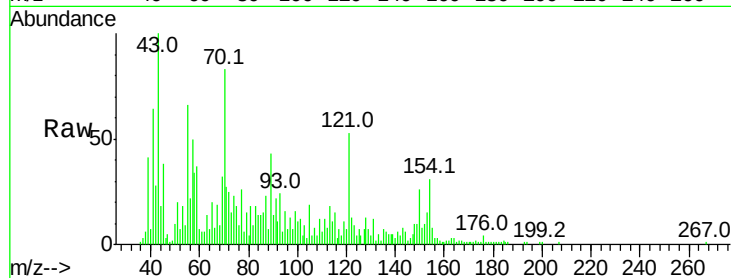
Tot Ion:154 Resp: 13322

Ion Ratio Lower Upper

154 100

153 47.7 21.3 61.3

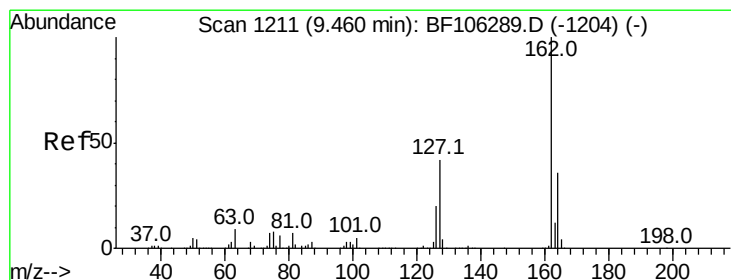
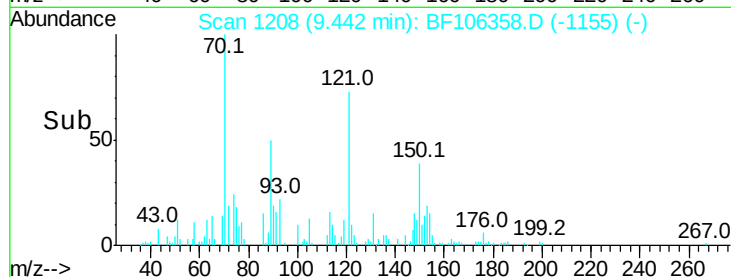
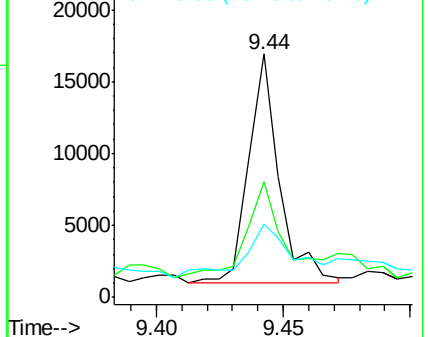
76 29.9 0.0 34.0



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: 3.035 ng

RT: 9.71 min Scan# 1253

Delta R.T. 0.25 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

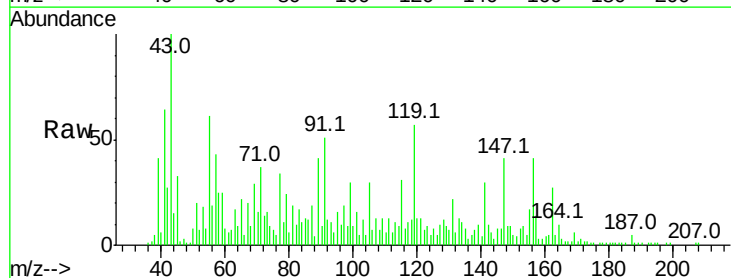
Tgt Ion:162 Resp: 15495

Ion Ratio Lower Upper

162 100

127 35.1 33.9 50.9

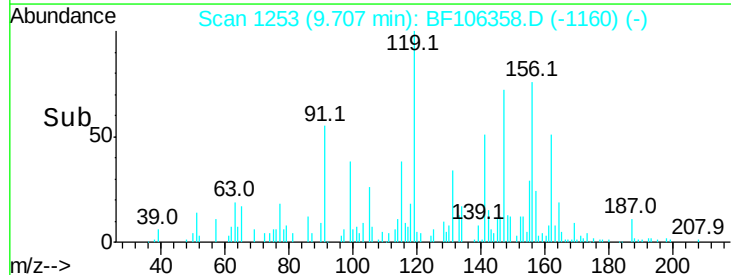
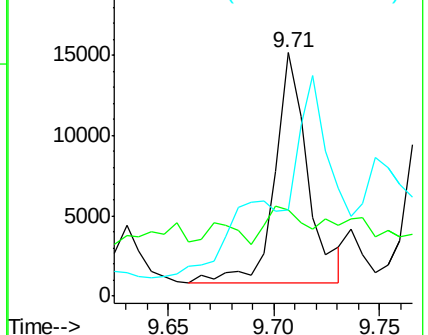
164 35.3 26.5 39.7

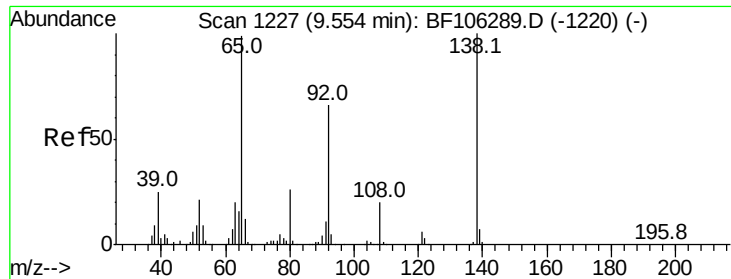


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 7.596 ng

RT: 9.57 min Scan# 1230

Delta R.T. 0.02 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

BNA_F

ClientSampleId :

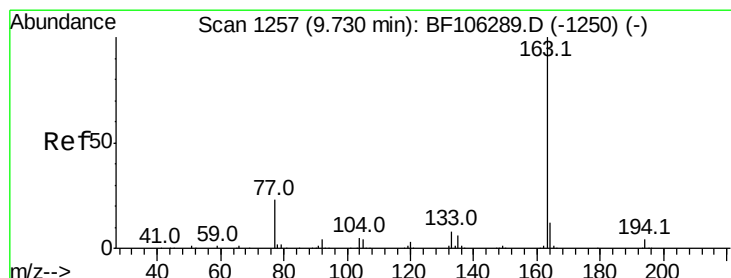
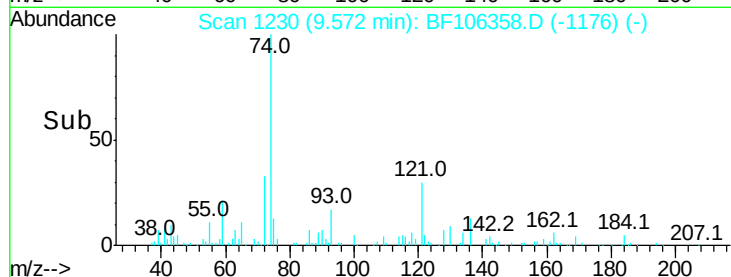
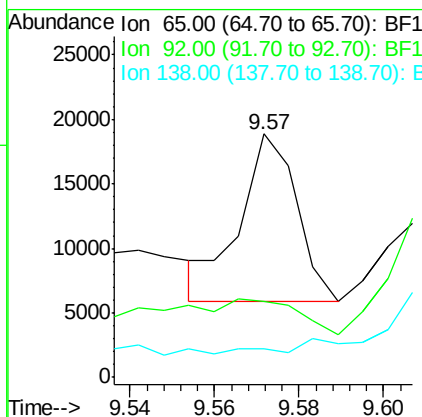
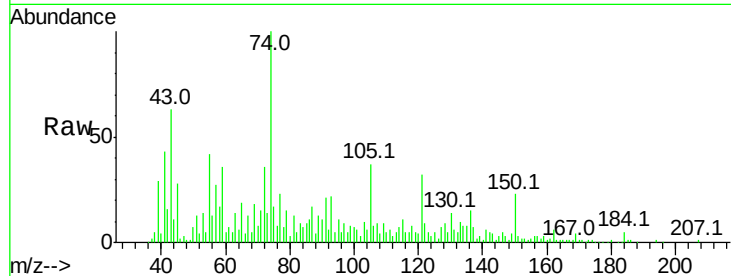
Tot Ion: 65 Resp: 12201

Ion Ratio Lower Upper

65 100

92 31.2 55.8 83.6#

138 11.5 91.2 136.8#



#49

Dimethylphthalate

Concen: 6.392 ng

RT: 9.75 min Scan# 1261

Delta R.T. 0.02 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

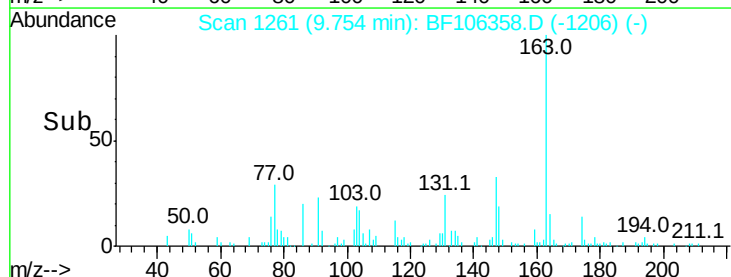
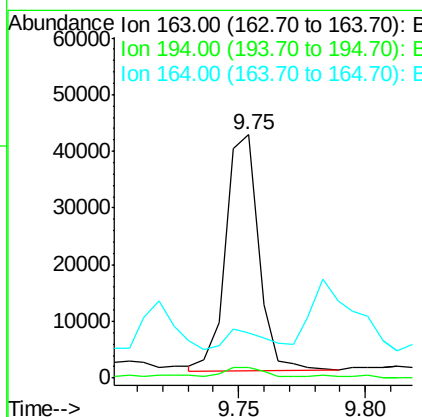
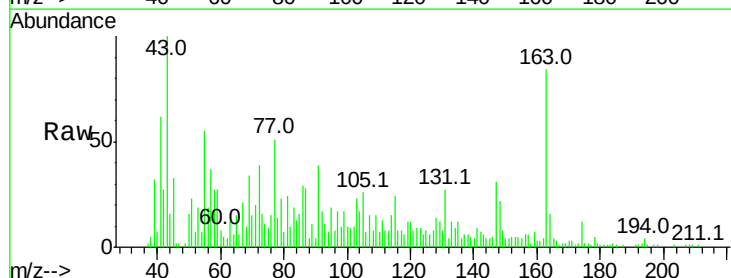
Tgt Ion: 163 Resp: 37618

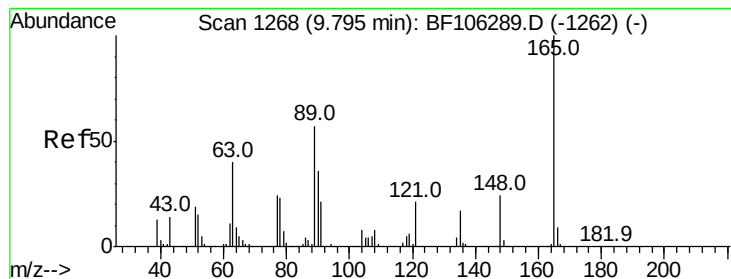
Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 18.6 8.2 12.2#

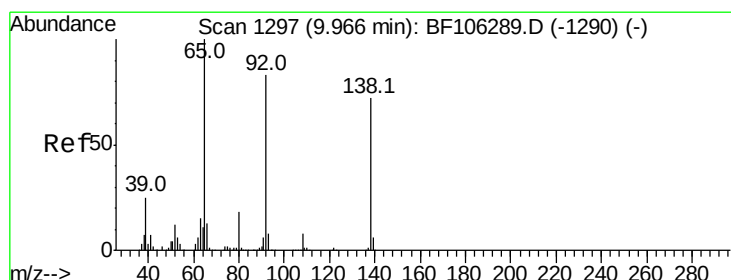
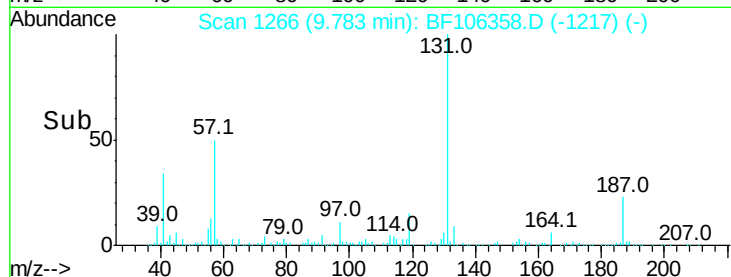
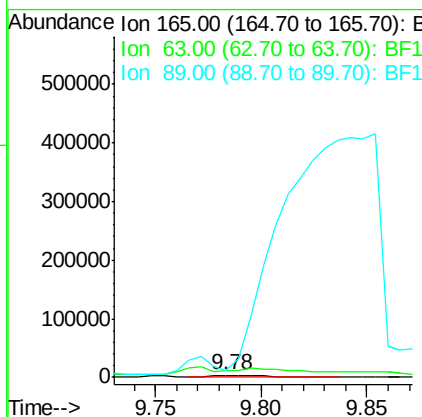
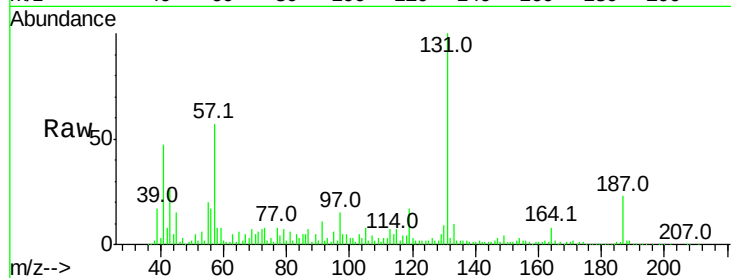




#50
 2,6-Dinitrotoluene
 Concen: 3.104 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

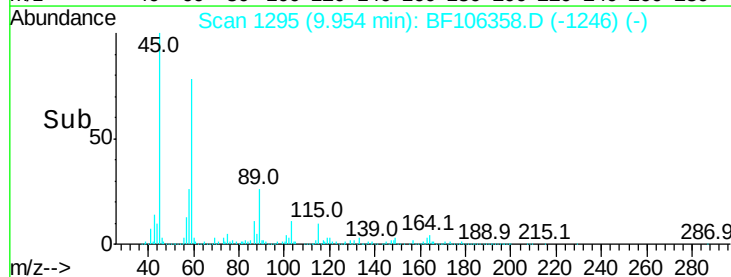
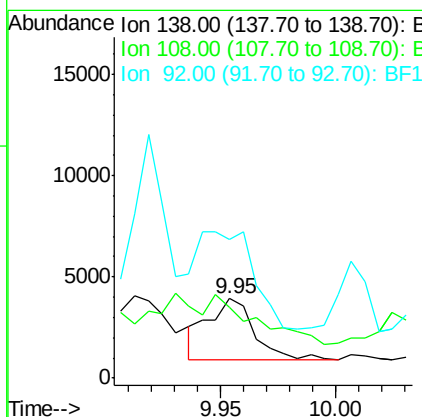
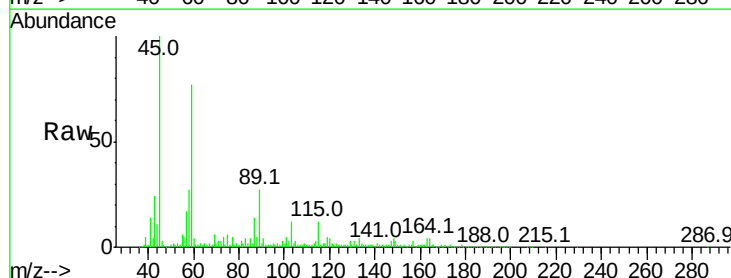
Instrument :
 BNA_F
 ClientSampled :

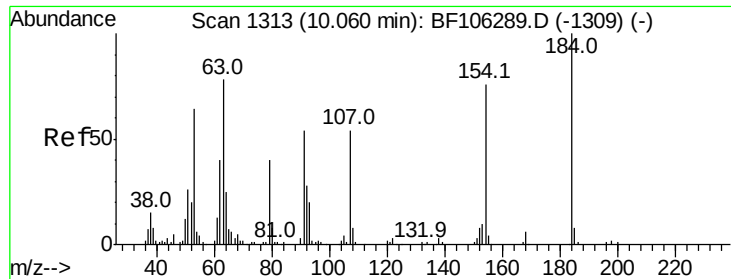
Tot Ion:165 Resp: 3731
 Ion Ratio Lower Upper
 165 100
 63 331.0 44.7 67.1#
 89 336.1 44.0 66.0#



#52
 3-Nitroaniline
 Concen: 2.900 ng
 RT: 9.95 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

Tgt Ion:138 Resp: 4137
 Ion Ratio Lower Upper
 138 100
 108 88.4 9.4 14.0#
 92 173.6 89.4 134.2#





#53

2,4-Dinitrophenol

Concen: 9.259 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

BNA_F

ClientSampleId :

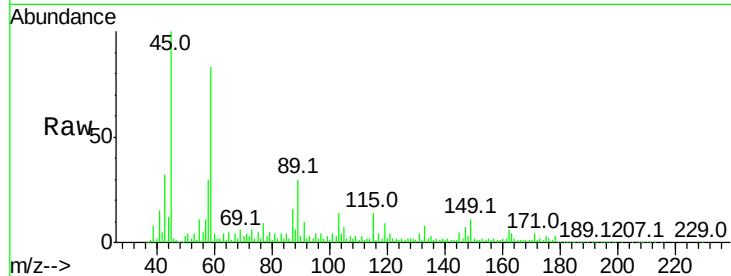
Tot Ion:184 Resp: 399

Ion Ratio Lower Upper

184 100

63 1410.6 54.2 81.2#

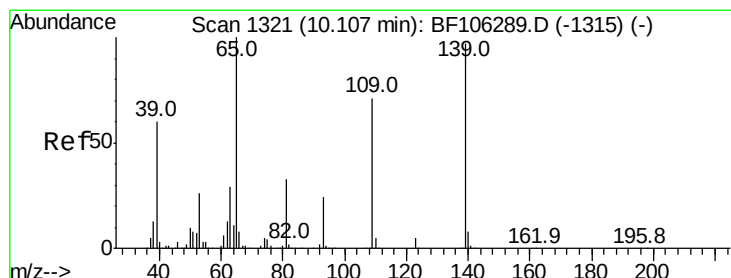
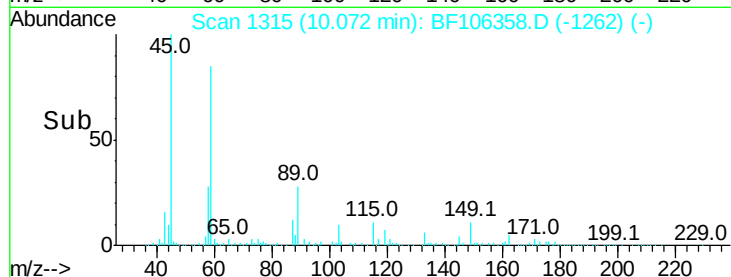
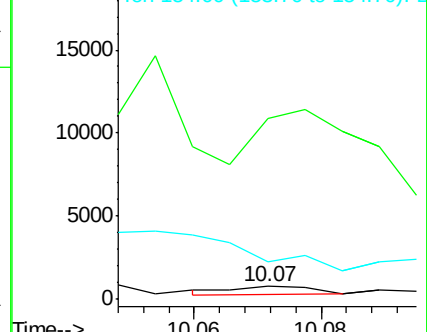
154 296.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 6.144 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.25 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

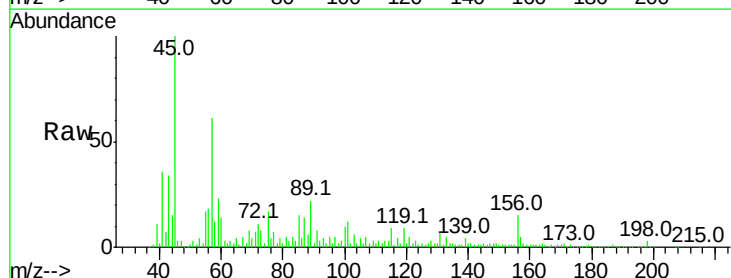
Tgt Ion:139 Resp: 6719

Ion Ratio Lower Upper

139 100

109 81.6 48.4 88.4

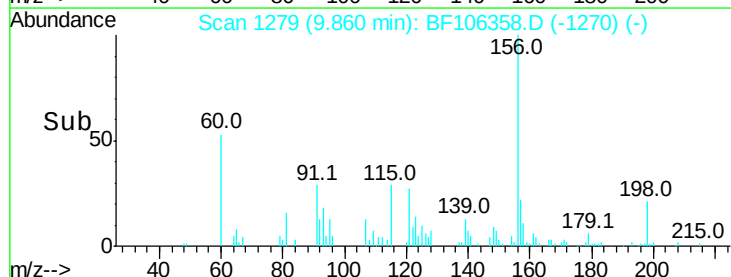
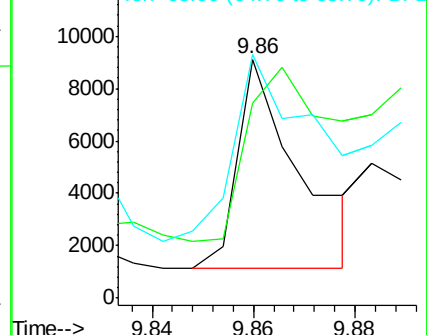
65 102.1 72.6 112.6

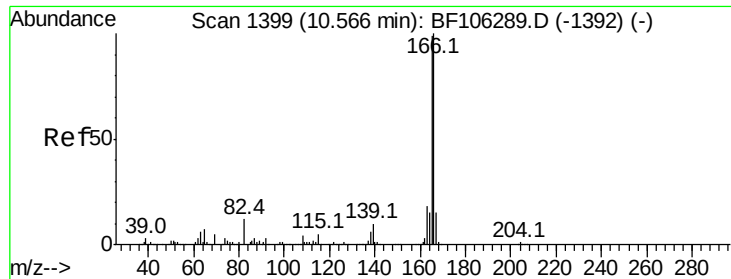


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

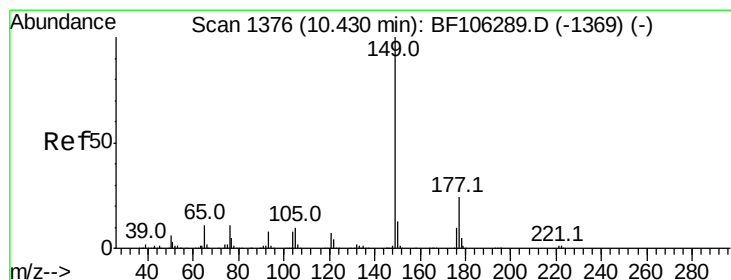
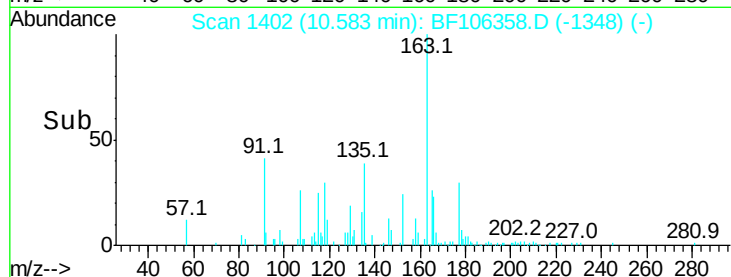
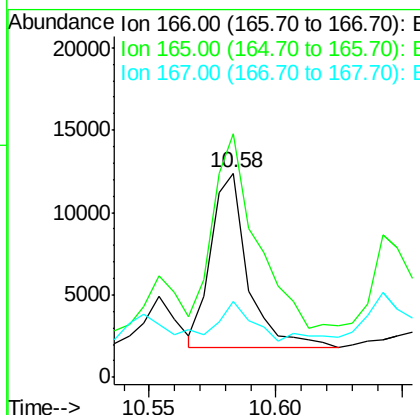
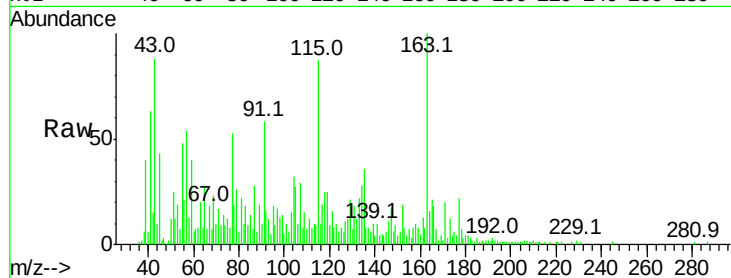




#57
Fluorene
Concen: 2.020 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

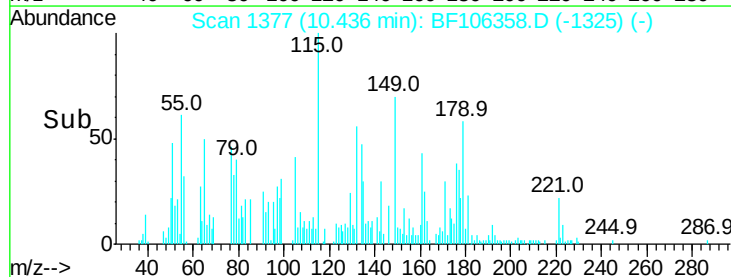
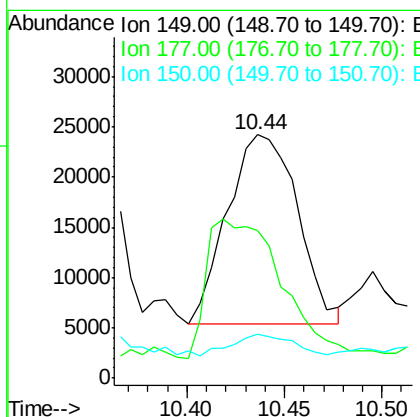
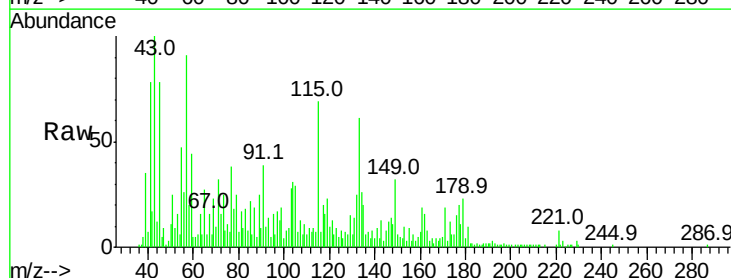
Instrument :
BNA_F
ClientSampleId :

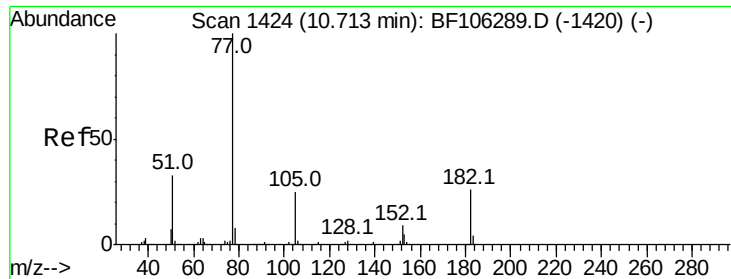
Tot Ion:166 Resp: 10878
Ion Ratio Lower Upper
166 100
165 119.2 79.8 119.8
167 36.9 10.6 16.0#



#59
Diethylphthalate
Concen: 8.021 ng
RT: 10.44 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Tgt Ion:149 Resp: 46853
Ion Ratio Lower Upper
149 100
177 60.6 16.1 24.1#
150 18.2 10.1 15.1#





#62

Azobenzene

Concen: 2.847 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Instrument :

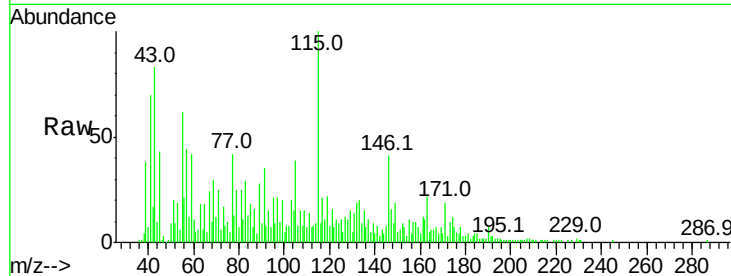
BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 17337

Ion Ratio Lower Upper

77	100		
182	5.8	1.7	41.7
105	92.4	3.0	43.0#
51	48.3	9.9	49.9

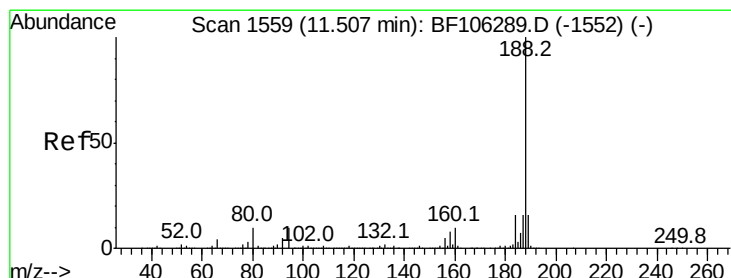
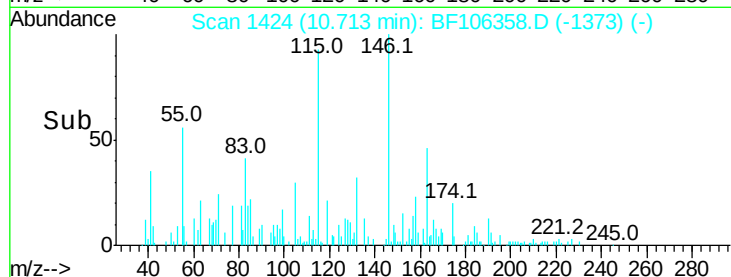
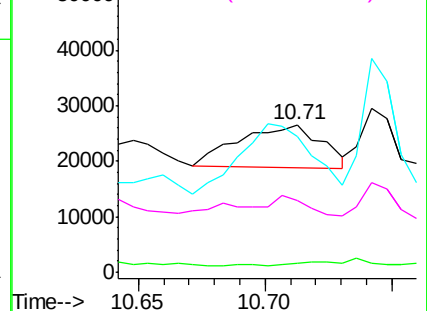


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.02 min

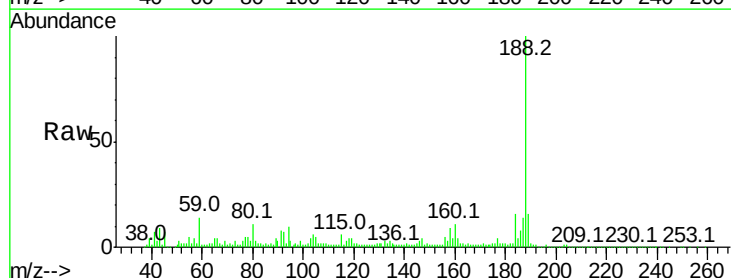
Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Tgt Ion: 188 Resp: 440838

Ion Ratio Lower Upper

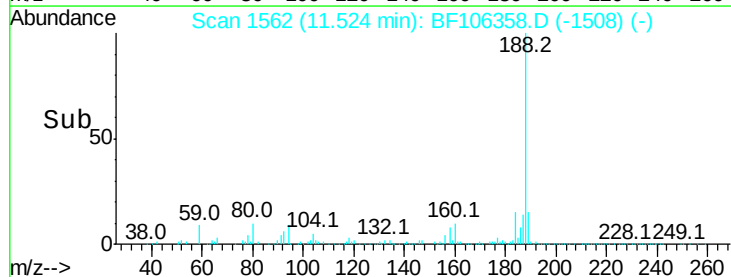
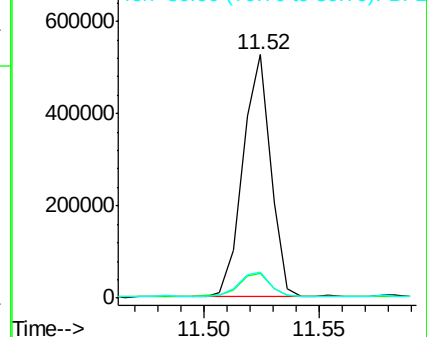
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8

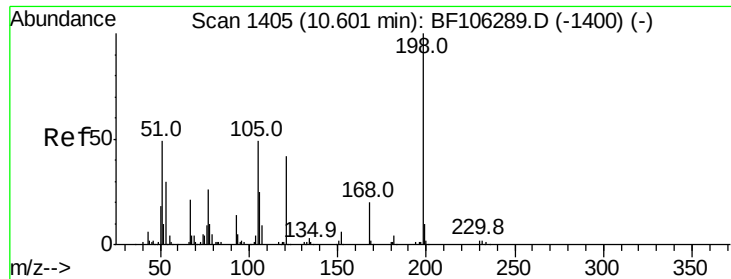


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

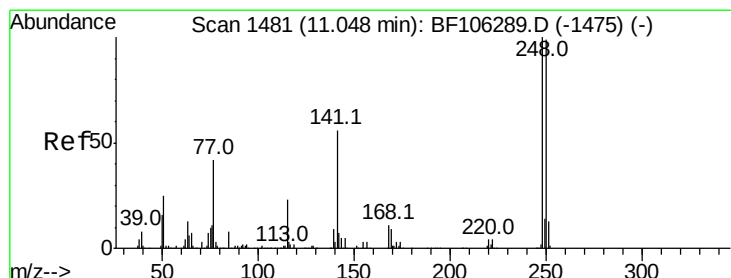
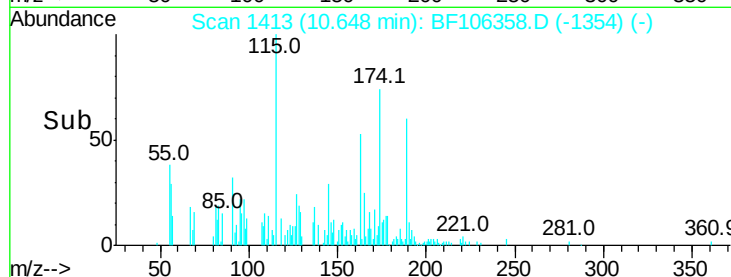
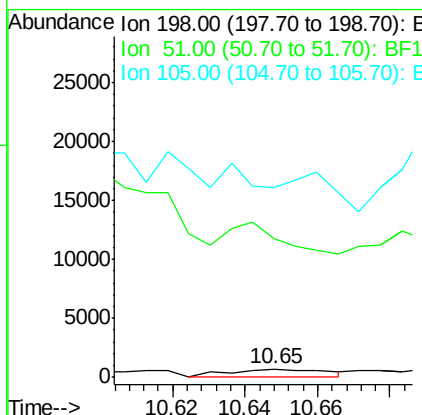
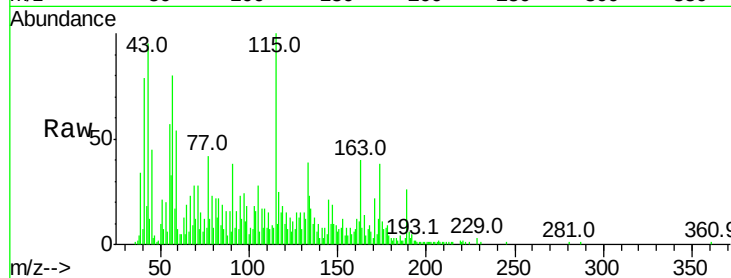




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.762 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. 0.05 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

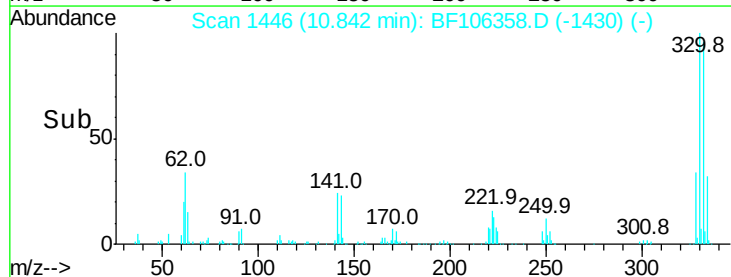
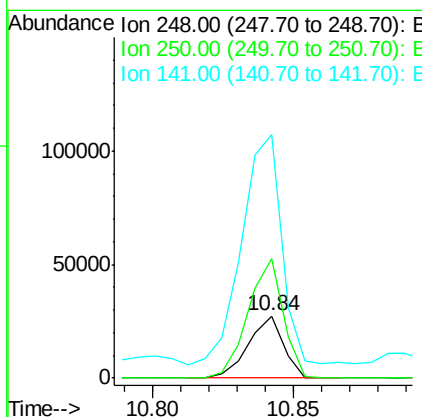
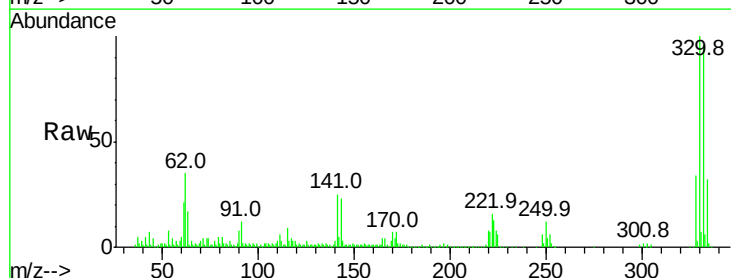
Instrument :
 BNA_F
 ClientSampleId :

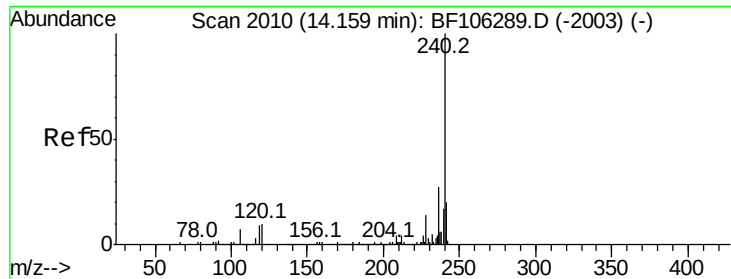
Tot Ion:198 Resp: 1279
 Ion Ratio Lower Upper
 198 100
 51 1724.1 37.7 77.7#
 105 2358.2 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.686 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.21 min
 Lab File: BF106358.D
 Acq: 12 Jun 2018 21:24

Tgt Ion:248 Resp: 23498
 Ion Ratio Lower Upper
 248 100
 250 192.5 76.9 115.3#
 141 393.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

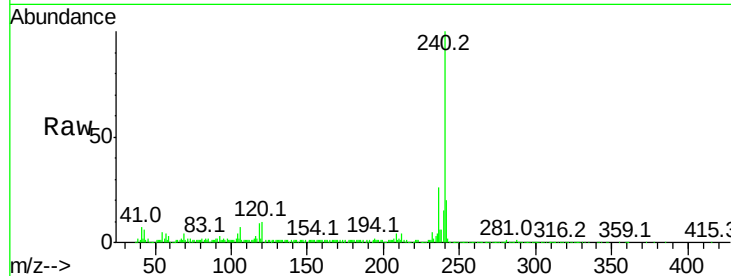
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 438437

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.2	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

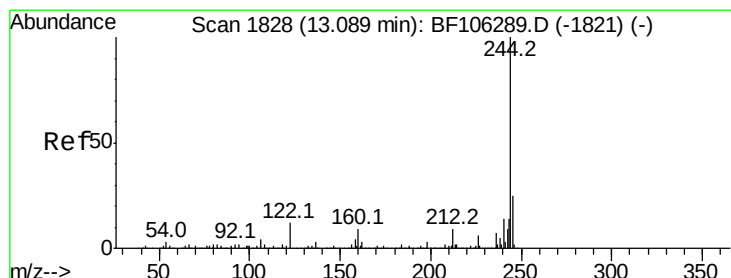
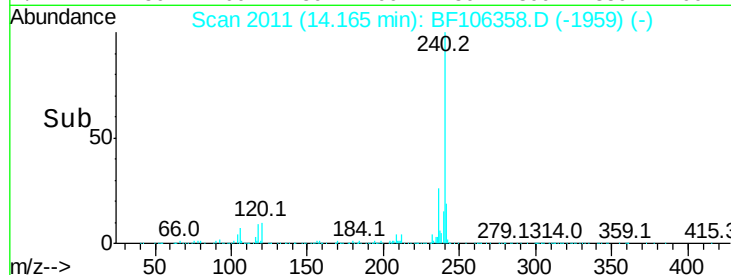
14.17

400000

200000

0

Time--> 14.10 14.20



#78

Terphenyl-d14

Concen: 84.508 ng

RT: 13.10 min Scan# 1830

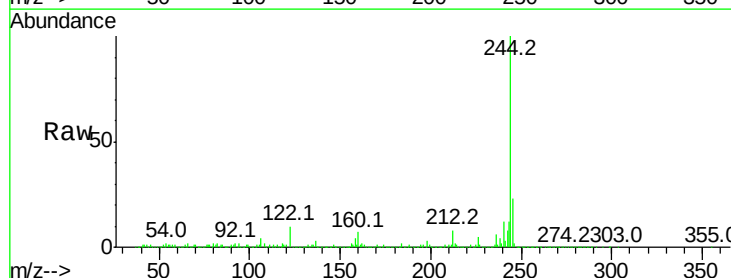
Delta R.T. 0.01 min

Lab File: BF106358.D

Acq: 12 Jun 2018 21:24

Tgt Ion:244 Resp: 1491736

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	10.5	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.10

2000000

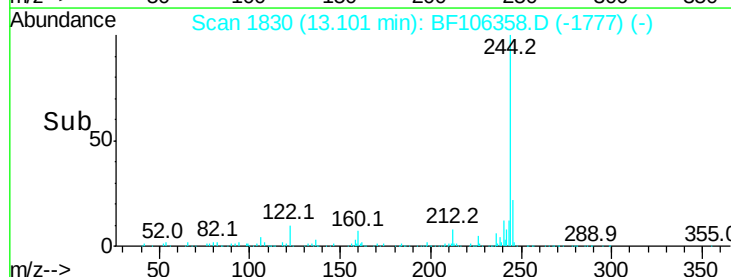
1500000

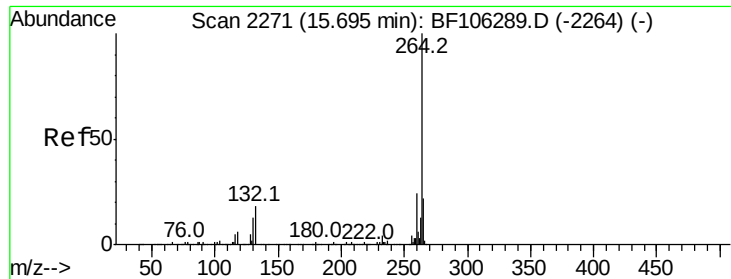
1000000

500000

0

Time--> 13.10 13.20

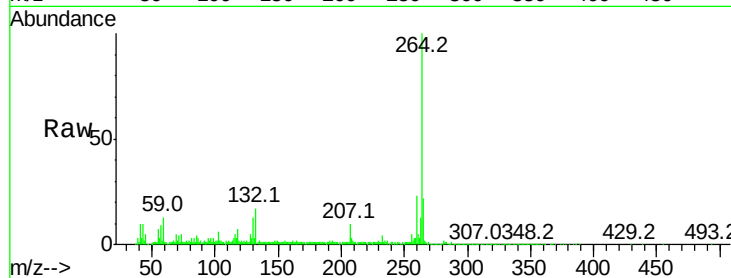




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF106358.D
Acq: 12 Jun 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	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

