

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091241.D
 Acq On : 18 Nov 2016 19:01
 Operator : UM/SJ
 Sample : H5711-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1051-410-NEWYORK

Quant Time: Nov 18 22:01:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	140743	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	435820	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	120610	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	296994	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	434333	20.00	ng	-0.05
86) Perylene-d12	15.13	264	359921	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	885735	103.94	ng	-0.05
7) Phenol-d6	6.27	99	1103742	95.42	ng	-0.05
23) Nitrobenzene-d5	7.18	82	798953	100.00	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	191530	175.65	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	796948	113.76	ng	-0.03
78) Terphenyl-d14	12.73	244	1061955	61.01	ng	-0.03

Target Compounds

						Qvalue
9) Benzaldehyde	6.38	77	22518	3.51	ng	88
10) Phenol	6.28	94	70171	5.48	ng	# 61
15) Benzyl Alcohol	6.76	79	20421	2.50	ng	# 54
18) Hexachloroethane	7.12	117	89031	20.86	ng	# 1
19) n-Nitroso-di-n-propylamine	7.05	70	51114	6.38	ng	# 61
22) Acetophenone	7.01	105	429189	42.77	ng	# 59
24) Nitrobenzene	7.16	77	105165	11.92	ng	# 31
25) Isophorone	7.42	82	173992	11.30	ng	# 1
26) 2-Nitrophenol	7.48	139	7619	2.04	ng	# 1
27) 2,4-Dimethylphenol	7.55	122	33398	5.41	ng	# 1
28) bis(2-Chloroethoxy)methane	7.70	93	66305	7.88	ng	# 1
29) 2,4-Dichlorophenol	7.76	162	29992	5.57	ng	# 3
30) 1,2,4-Trichlorobenzene	7.80	180	21531	3.55	ng	# 65
31) Naphthalene	7.93	128	649408	31.16	ng	# 89
32) Benzoic acid	7.70	122	24133	9.55	ng	# 1
33) 4-Chloroaniline	7.93	127	157997	18.23	ng	# 26
35) Caprolactam	8.36	113	177864	105.05	ng	# 27
36) 4-Chloro-3-methylphenol	8.45	107	56170	8.61	ng	# 27
37) 2-Methylnaphthalene	8.64	142	1169567	87.29	ng	99
42) 2,4,6-Trichlorophenol	8.92	196	18403	9.27	ng	# 13
43) 2,4,5-Trichlorophenol	8.92	196	18403	8.83	ng	# 1
45) 1,1'-Biphenyl	9.10	154	283164	32.15	ng	94
47) 2-Nitroaniline	9.15	65	23713	9.56	ng	# 48
48) Acenaphthylene	9.54	152	48357	4.64	ng	# 1
49) Dimethylphthalate	9.40	163	62855	7.95	ng	# 1
50) 2,6-Dinitrotoluene	9.49	165	70759	41.75	ng	# 39
51) Acenaphthene	9.71	154	76334	11.67	ng	# 66
52) 3-Nitroaniline	9.63	138	27433	13.65	ng	# 28
53) 2,4-Dinitrophenol	9.76	184	2164	8.42	ng	# 1
54) Dibenzofuran	9.88	168	95702	10.87	ng	# 19
55) 4-Nitrophenol	9.79	139	62008	48.74	ng	# 12
56) 2,4-Dinitrotoluene	9.84	165	9797	4.54	ng	# 62
57) Fluorene	10.22	166	266946	37.08	ng	# 71
58) 2,3,4,6-Tetrachlorophenol	9.98	232	5128	3.14	ng	# 32

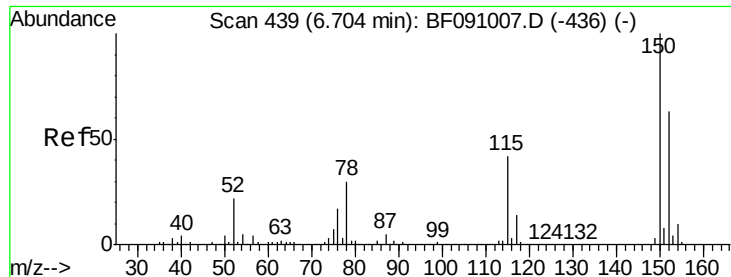
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	10.12	149	61110	7.54	ng	# 1
61) 4-Nitroaniline	10.13	138	22533	11.08	ng	89
62) Azobenzene	10.38	77	77433	8.11	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.33	198	7091	3.90	ng	# 1
65) n-Nitrosodiphenylamine	10.34	169	331346	35.10	ng	# 55
66) 4-Bromophenyl-phenylether	10.73	248	13013	4.21	ng	# 1
68) Atrazine	10.89	200	34069	12.51	ng	# 1
69) Pentachlorophenol	10.99	266	5139	3.41	ng	# 10
70) Phenanthrene	11.18	178	597463	37.84	ng	# 92
71) Anthracene	11.28	178	179619	10.70	ng	# 1
74) Fluoranthene	12.58	202	144360	8.82	ng	85
77) Pyrene	12.58	202	144360	5.08	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

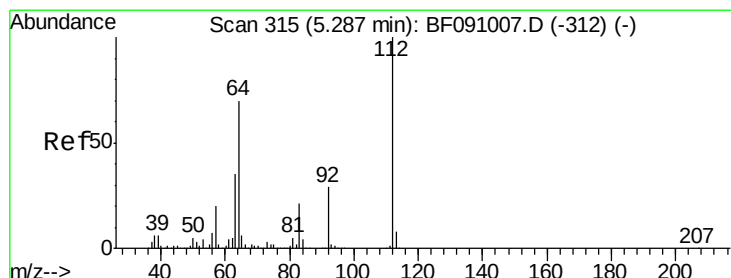
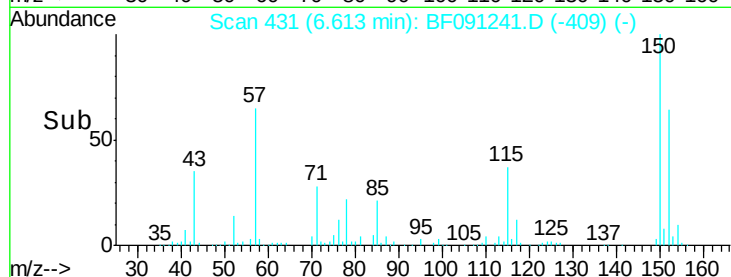
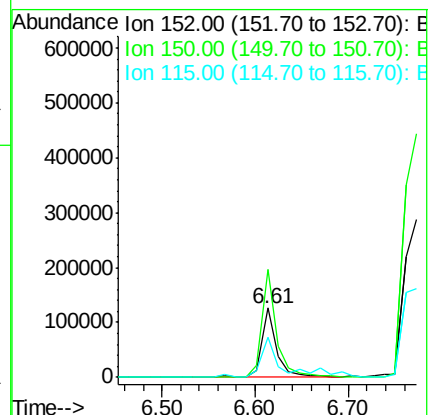
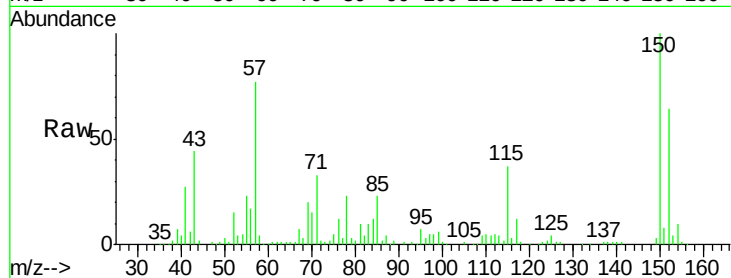
Tgt Ion:152 Resp: 140743

Ion Ratio Lower Upper

152 100

150 156.6 126.8 190.2

115 57.4 53.3 79.9



#5

2-Fluorophenol

Concen: 103.94 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.05 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

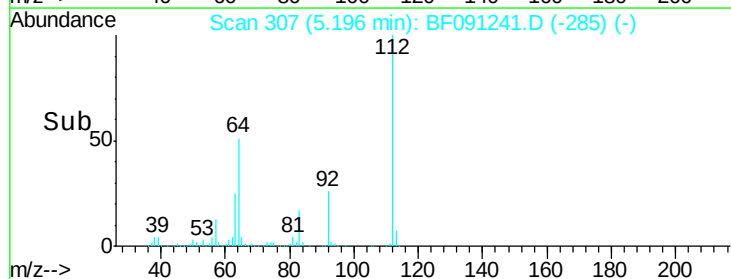
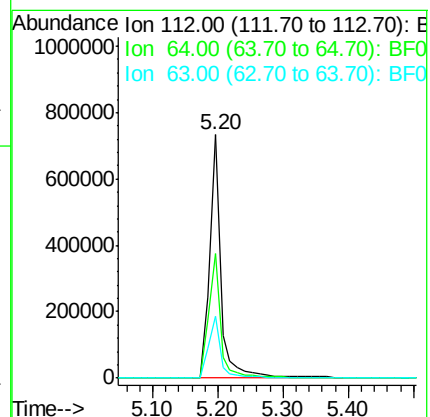
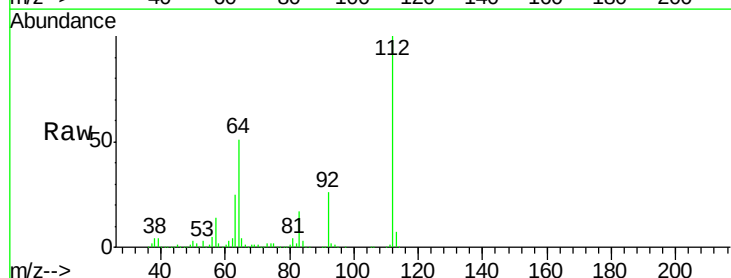
Tgt Ion:112 Resp: 885735

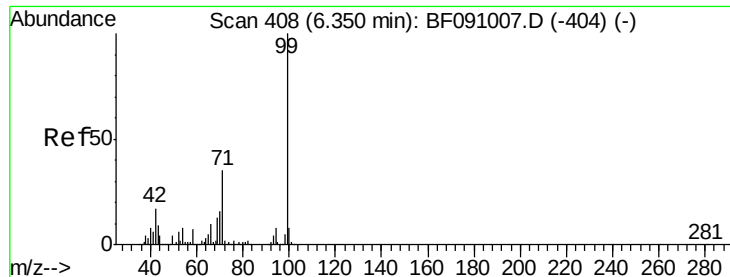
Ion Ratio Lower Upper

112 100

64 51.2 55.8 83.6#

63 25.3 28.0 42.0#





#7

Phenol-d6

Concen: 95.42 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

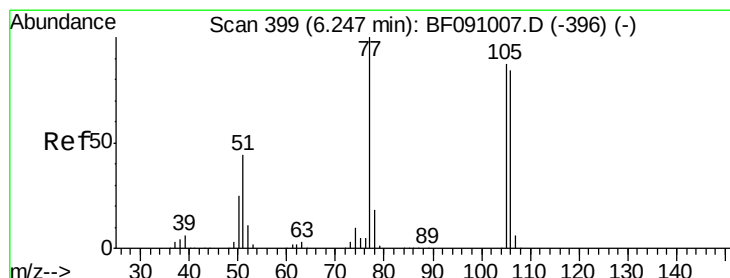
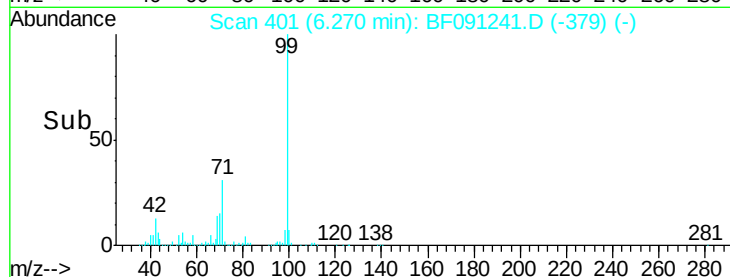
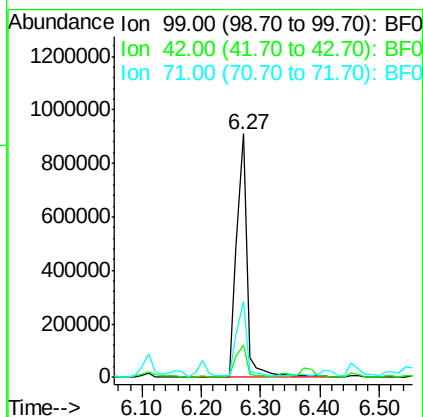
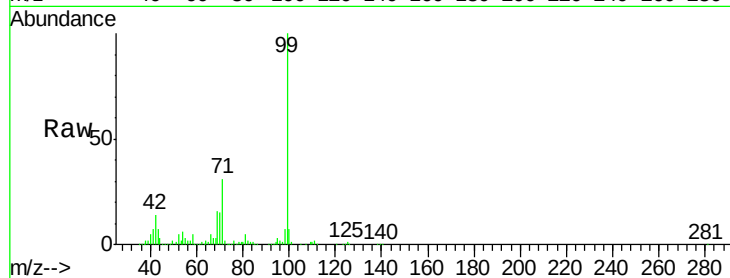
BNA_F

ClientSampleId :

1051-410-NEWYORK

Tgt Ion: 99 Resp: 1103742

Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.9	20.9#
71	31.1	27.8	41.8



#9

Benzaldehyde

Concen: 3.51 ng

RT: 6.38 min Scan# 411

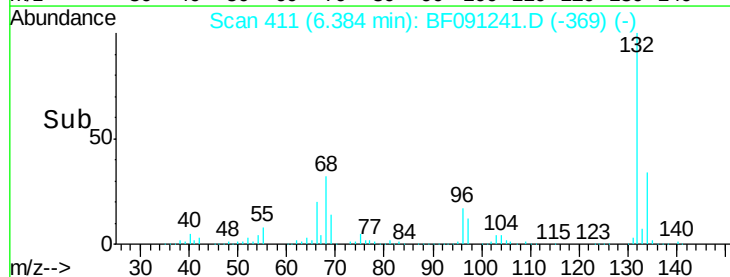
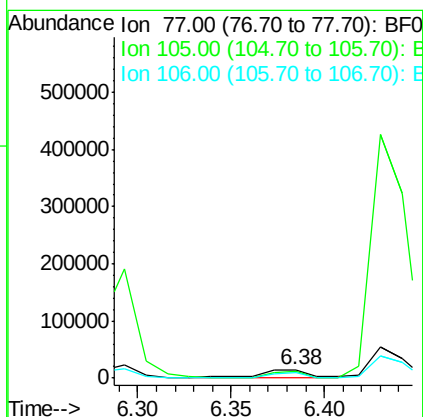
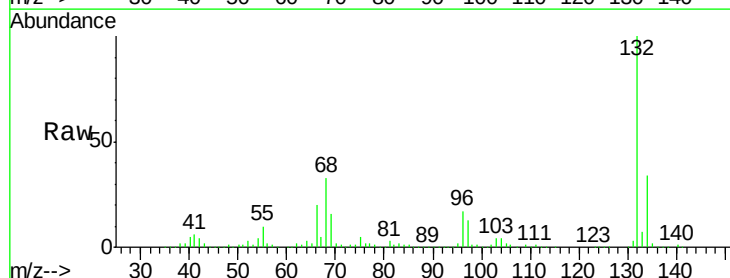
Delta R.T. 0.18 min

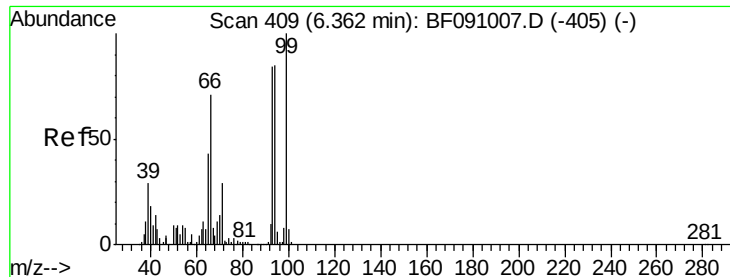
Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Tgt Ion: 77 Resp: 22518

Ion	Ratio	Lower	Upper
77	100		
105	80.4	66.8	106.8
106	68.1	64.0	104.0





#10

Phenol

Concen: 5.48 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

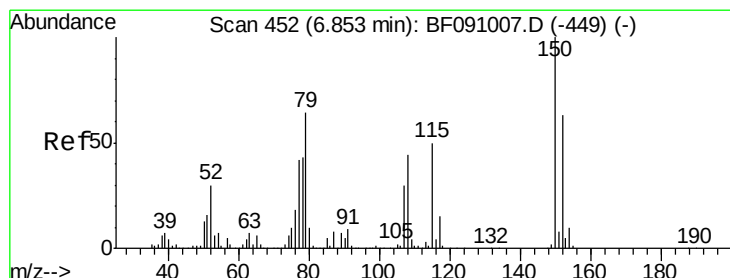
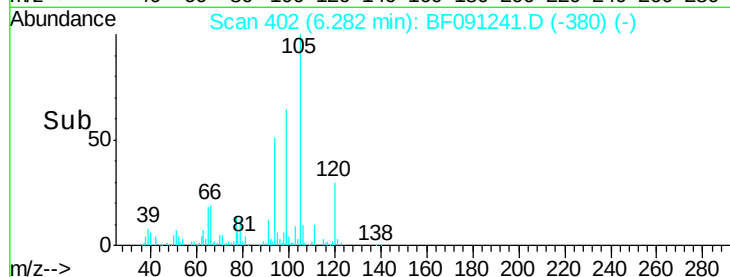
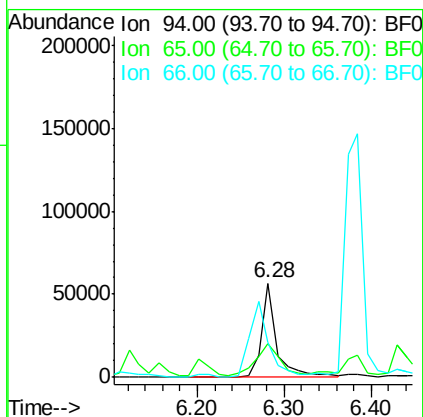
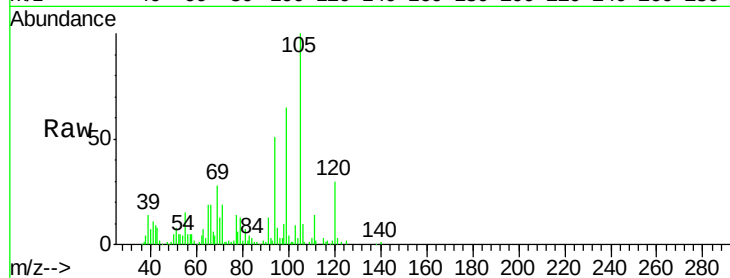
Tgt Ion: 94 Resp: 70171

Ion Ratio Lower Upper

94 100

65 36.3 30.4 70.4

66 37.3 62.9 102.9#



#15

Benzyl Alcohol

Concen: 2.50 ng

RT: 6.76 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

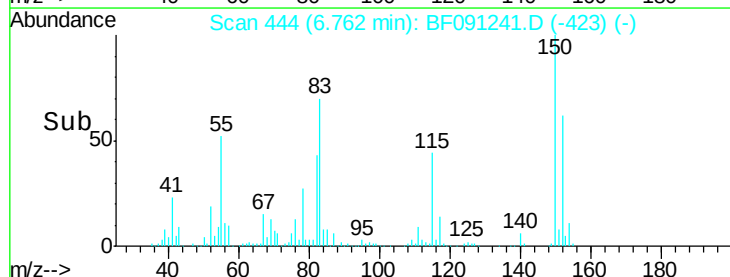
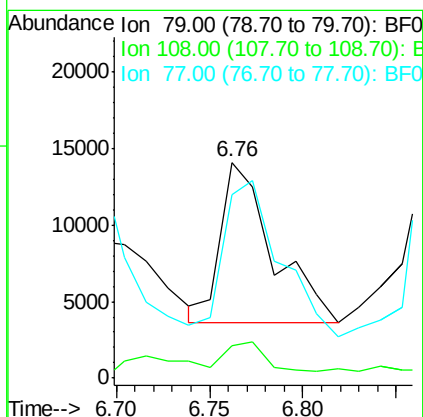
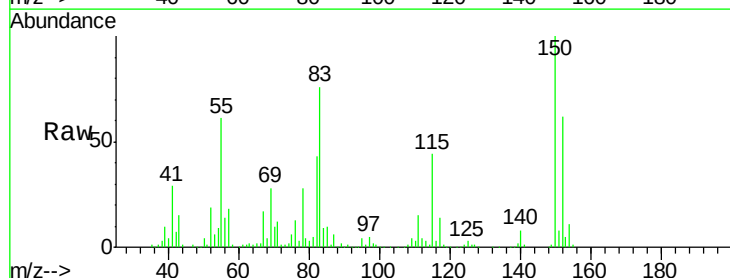
Tgt Ion: 79 Resp: 20421

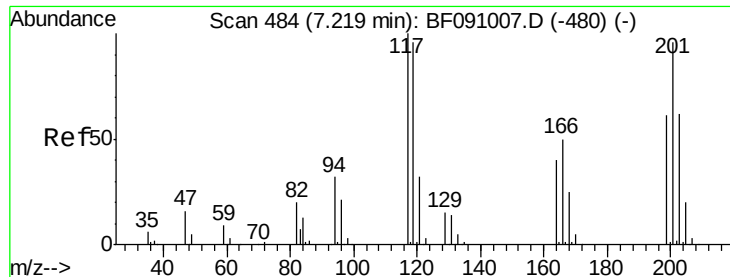
Ion Ratio Lower Upper

79 100

108 15.0 55.7 83.5#

77 84.9 52.6 79.0#

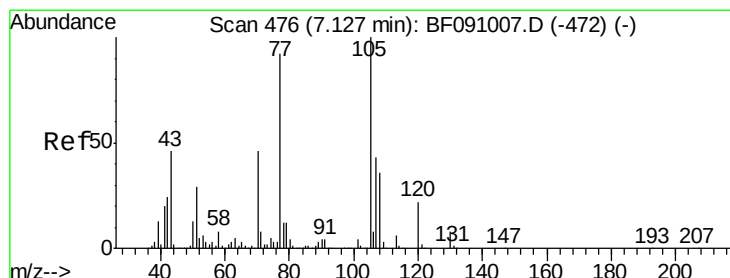
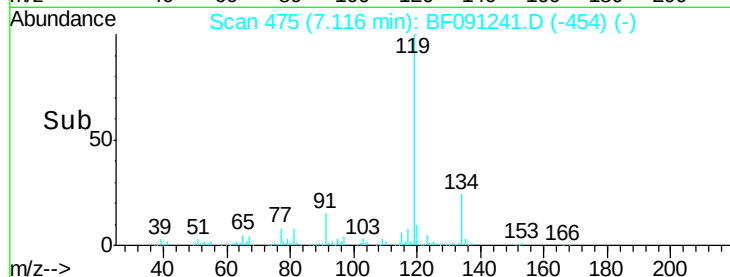
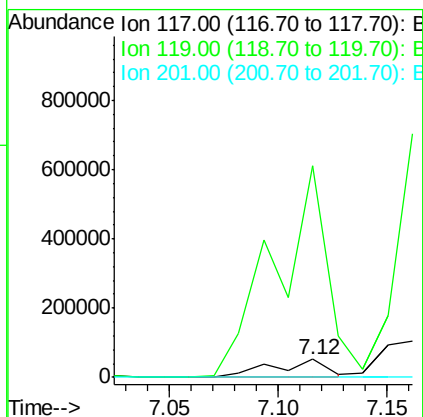
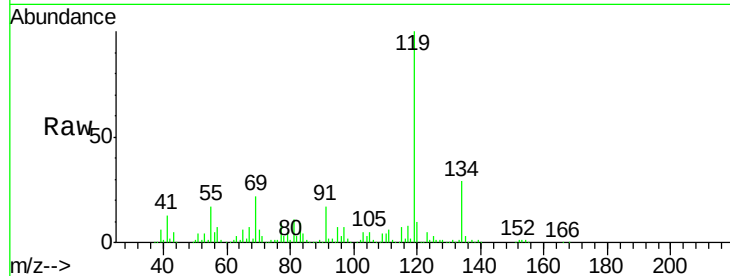




#18
Hexachloroethane
Concen: 20.86 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.06 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

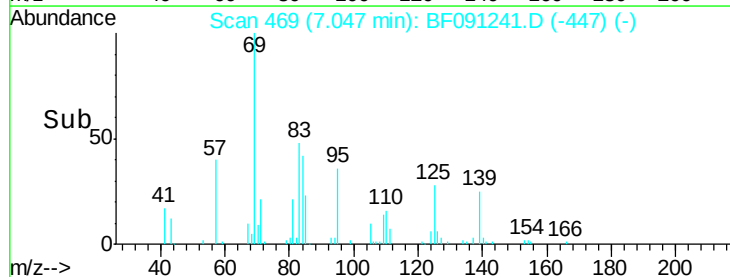
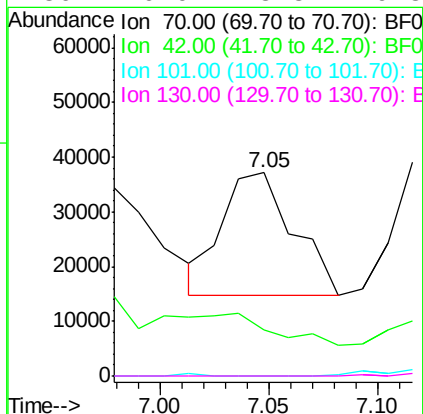
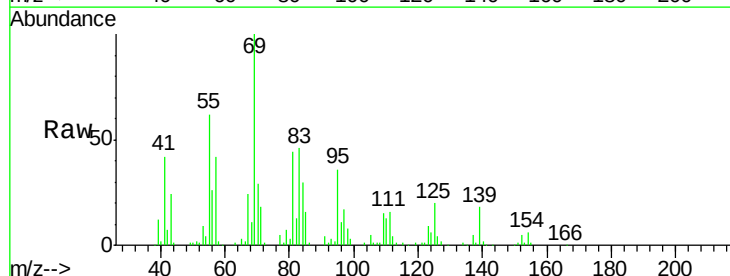
Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

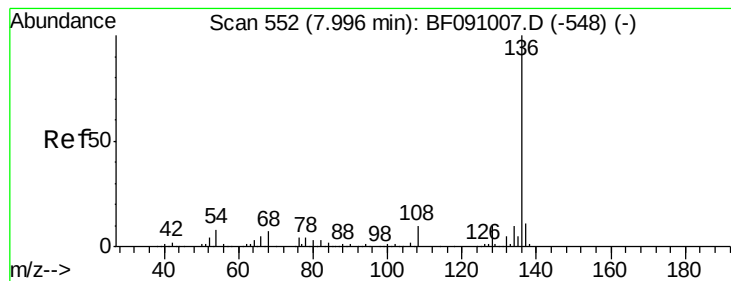
Tgt Ion: 117 Resp: 89031
Ion Ratio Lower Upper
117 100
119 1191.0 76.6 115.0#
201 0.0 77.1 115.7#



#19
n-Nitroso-di-n-propylamine
Concen: 6.38 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

Tgt Ion: 70 Resp: 51114
Ion Ratio Lower Upper
70 100
42 22.9 41.7 62.5#
101 0.0 6.7 10.1#
130 0.0 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

Tgt Ion:136 Resp: 435820

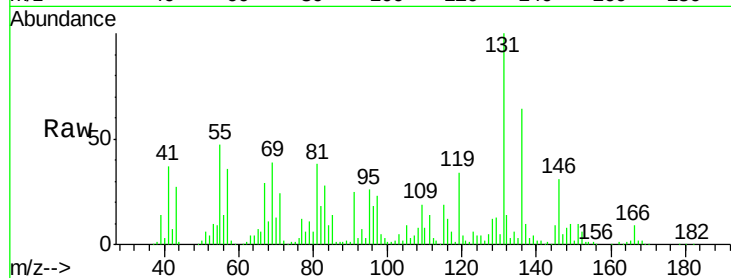
Ion Ratio Lower Upper

136 100

137 16.4 8.9 13.3#

54 14.9 6.2 9.2#

68 17.6 5.5 8.3#

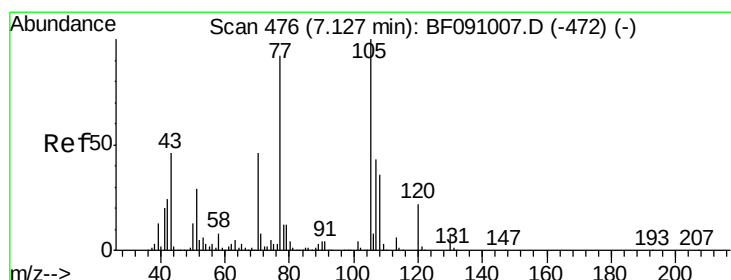
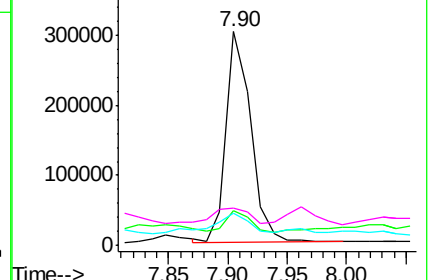
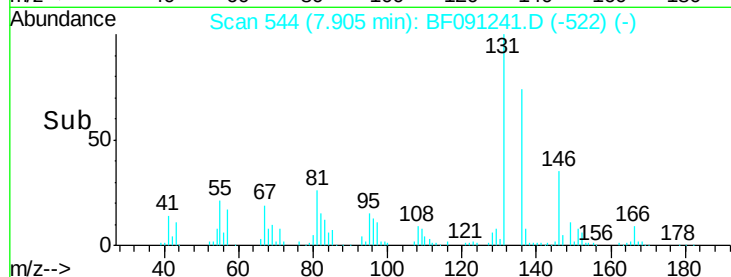


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.77 ng

RT: 7.01 min Scan# 466

Delta R.T. -0.07 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Tgt Ion:105 Resp: 429189

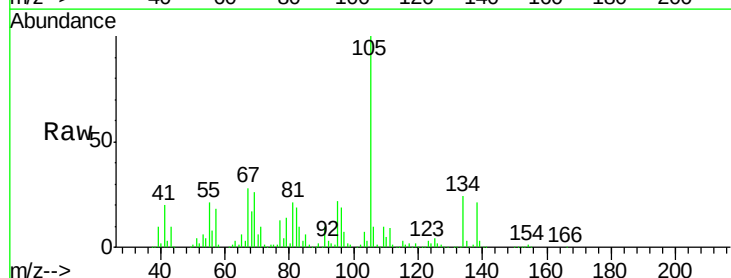
Ion Ratio Lower Upper

105 100

71 9.9 6.2 9.2#

51 4.2 23.3 34.9#

120 0.2 17.4 26.0#

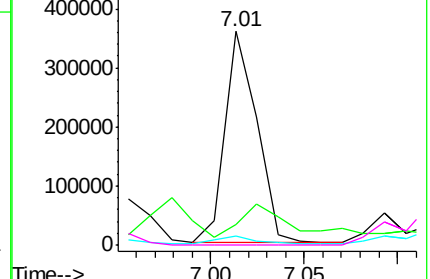
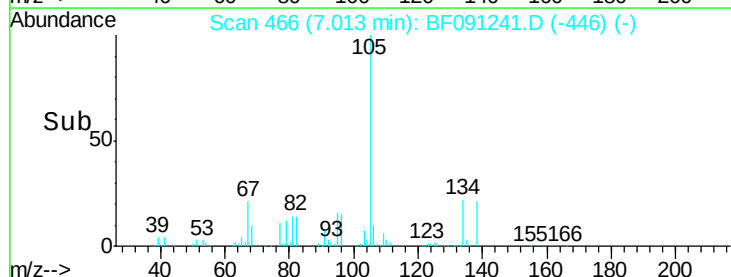


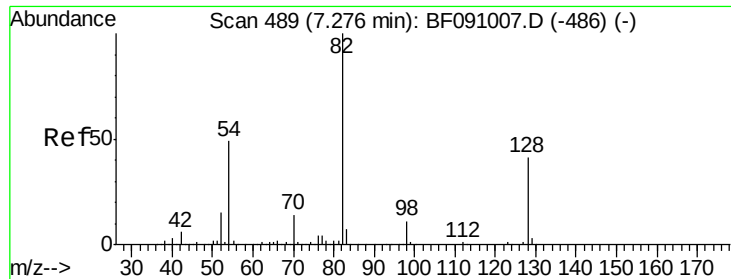
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

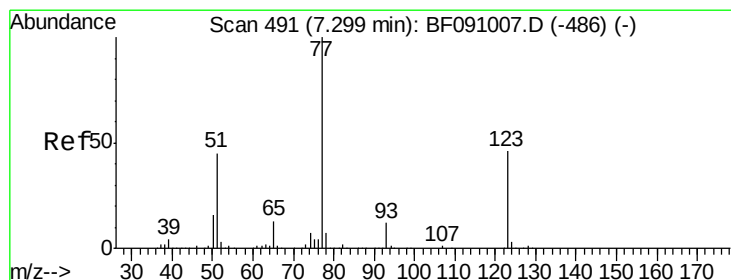
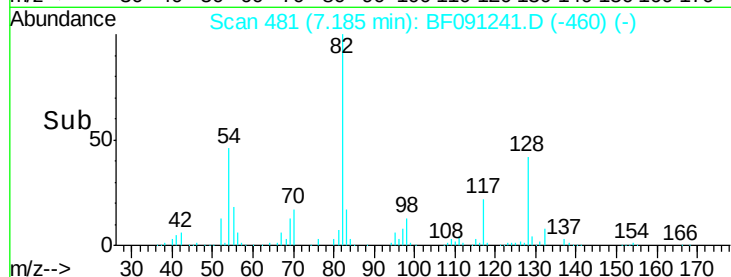
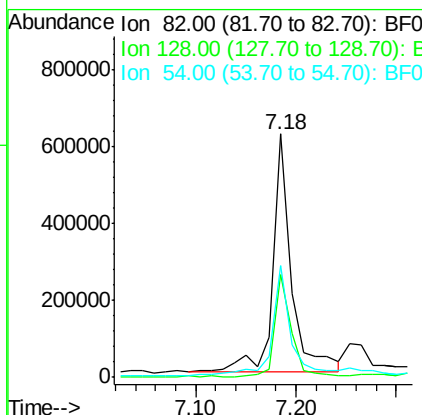
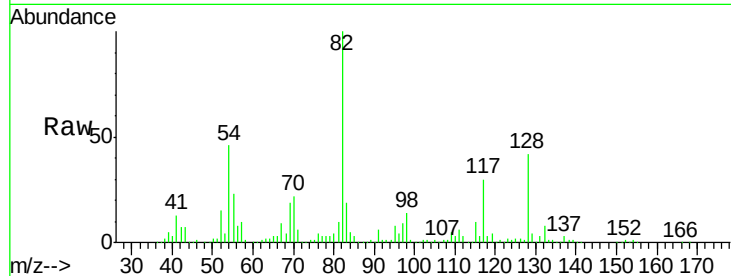




#23
 Nitrobenzene-d5
 Concen: 100.00 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.06 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

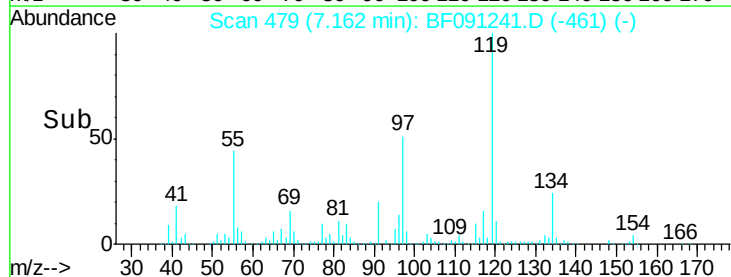
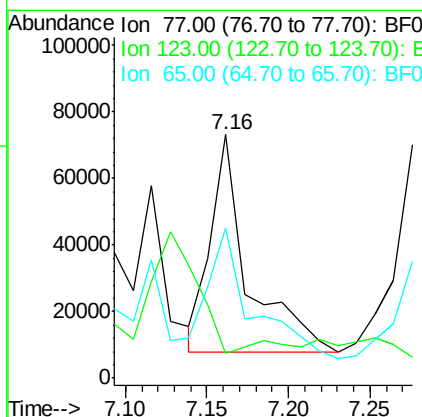
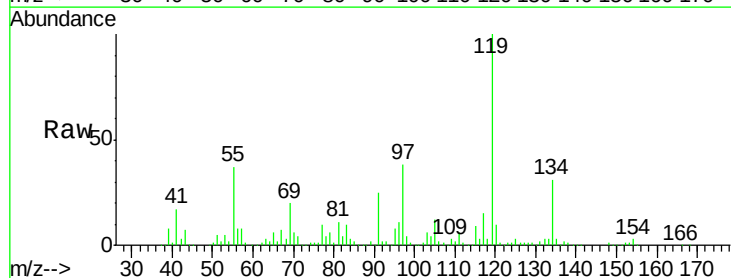
Instrument :
 BNA_F
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 1051-410-NEWYORK

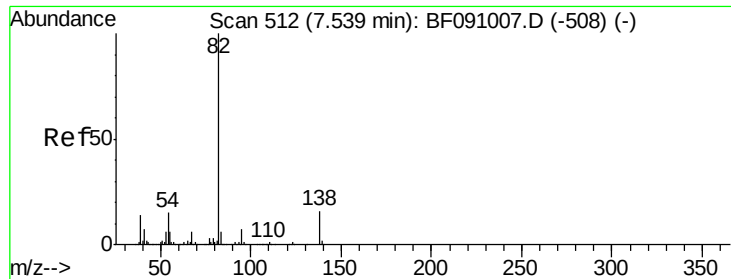
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.4	48.6
54	45.9	39.2	58.8



#24
 Nitrobenzene
 Concen: 11.92 ng
 RT: 7.16 min Scan# 479
 Delta R.T. -0.09 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	9.9	36.5	54.7#
65	61.8	10.7	16.1#





#25

Isophorone

Concen: 11.30 ng

RT: 7.42 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

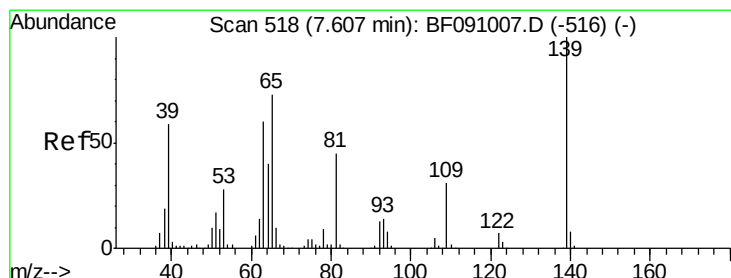
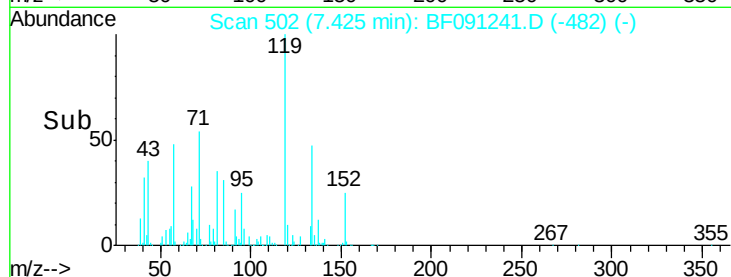
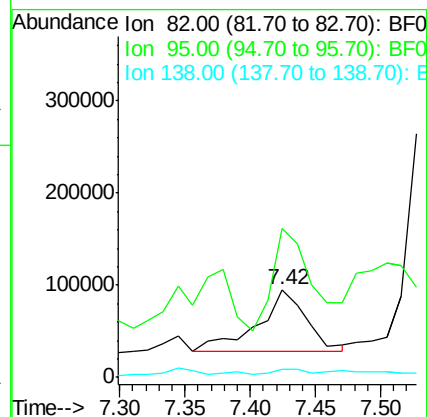
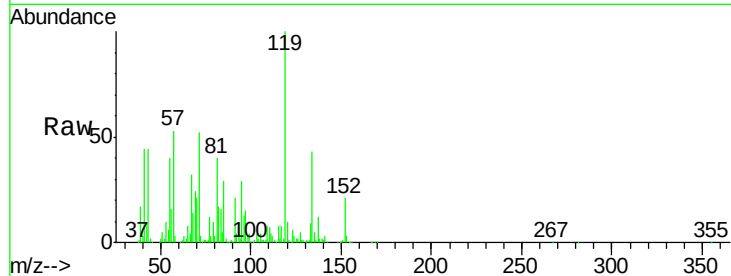
Tgt Ion: 82 Resp: 173992

Ion Ratio Lower Upper

82 100

95 170.2 5.4 8.0#

138 9.9 13.0 19.4#



#26

2-Nitrophenol

Concen: 2.04 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.09 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

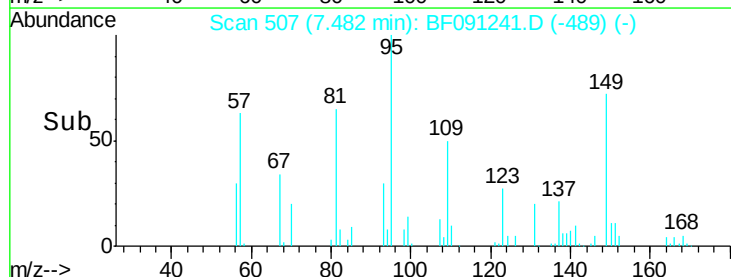
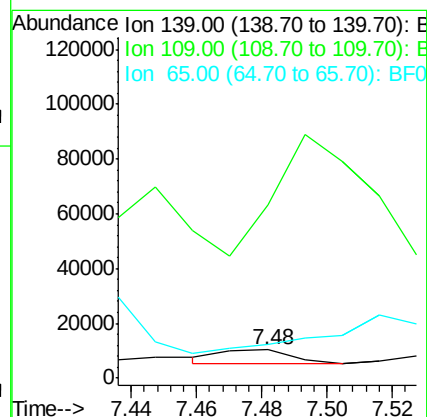
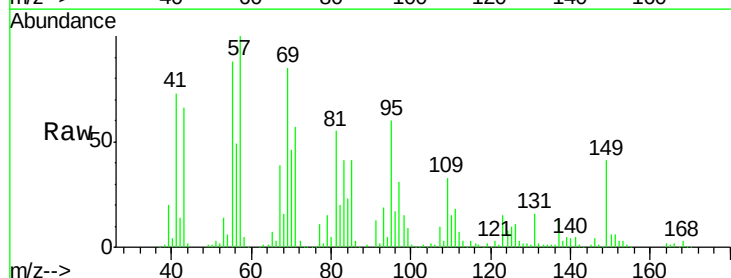
Tgt Ion: 139 Resp: 7619

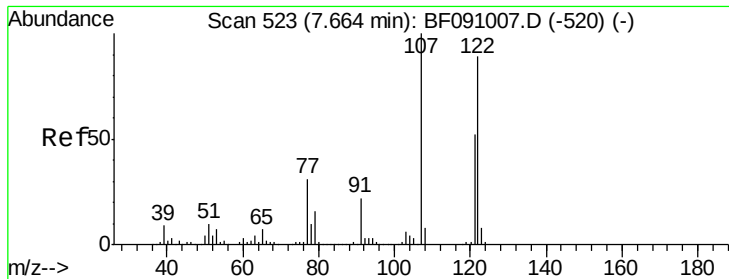
Ion Ratio Lower Upper

139 100

109 621.7 24.7 37.1#

65 122.2 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 5.41 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.07 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

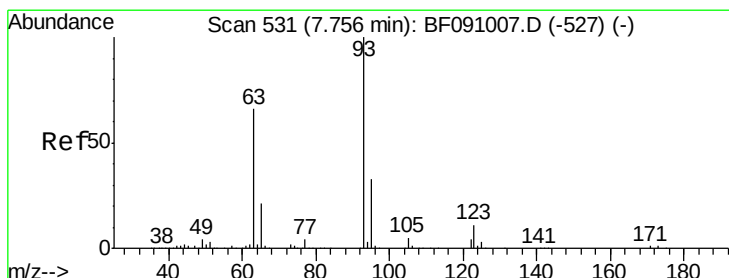
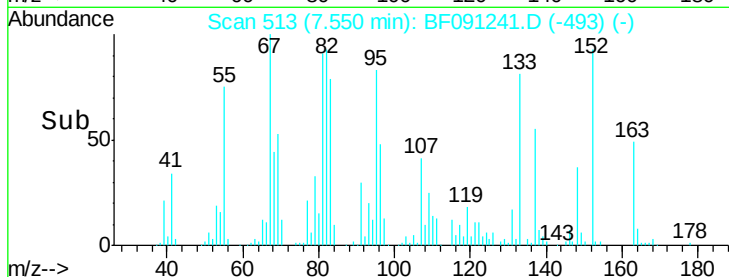
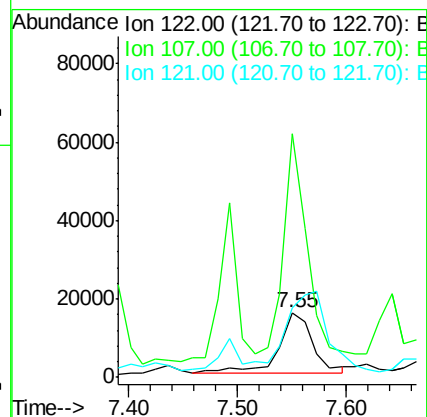
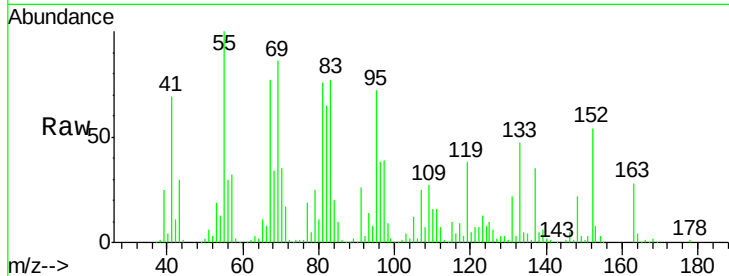
Tgt Ion: 122 Resp: 33398

Ion Ratio Lower Upper

122 100

107 376.6 89.6 134.4#

121 106.9 46.3 69.5#



#28

bis(2-Chloroethoxy)methane

Concen: 7.88 ng

RT: 7.70 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

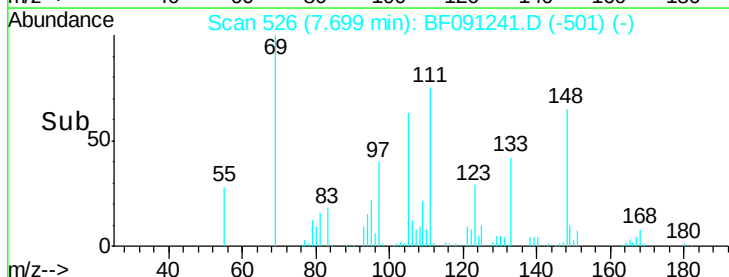
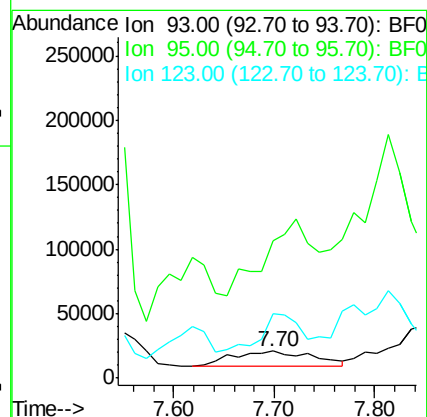
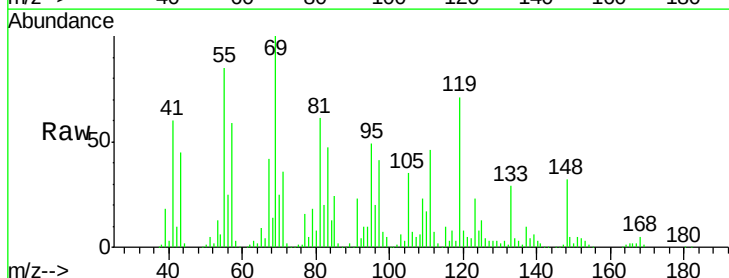
Tgt Ion: 93 Resp: 66305

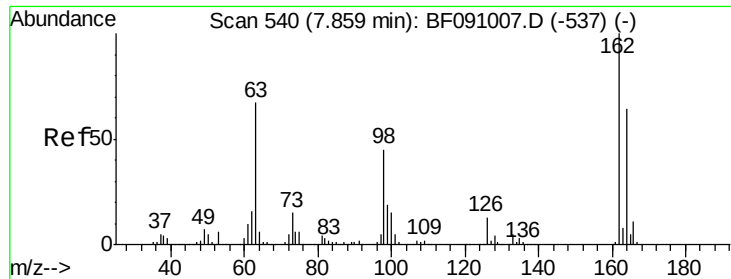
Ion Ratio Lower Upper

93 100

95 510.2 26.3 39.5#

123 239.4 8.7 13.1#

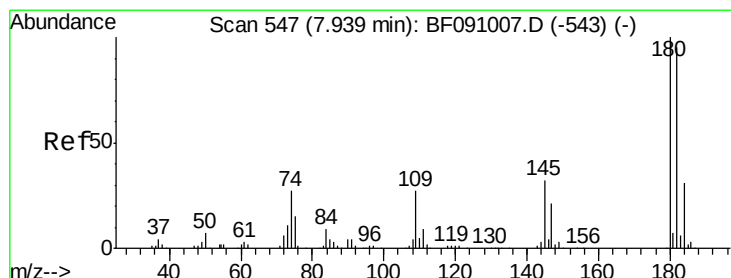
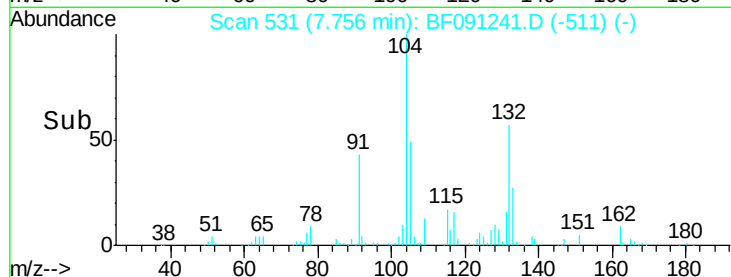
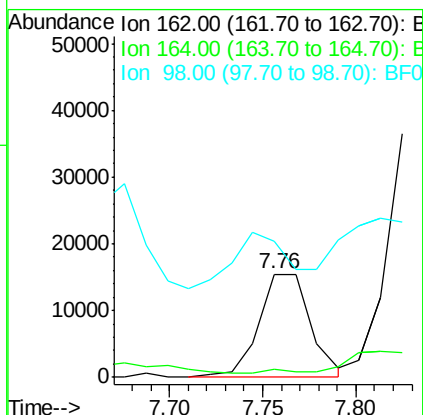
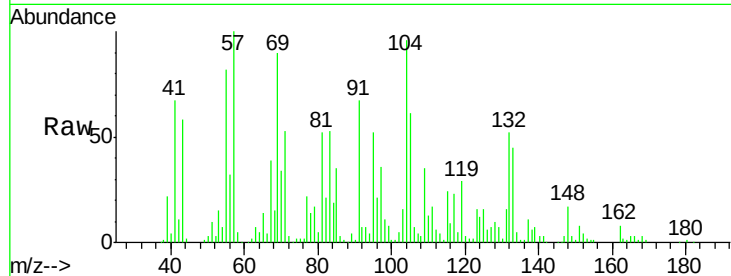




#29
2,4-Dichlorophenol
Concen: 5.57 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.07 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

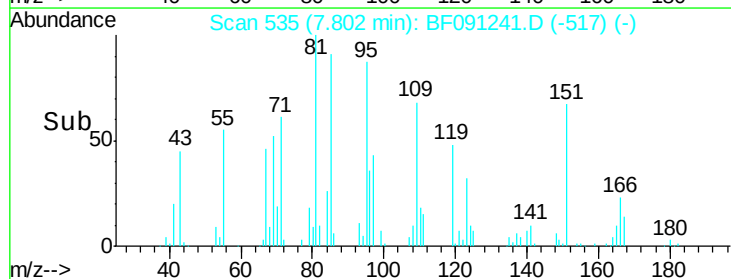
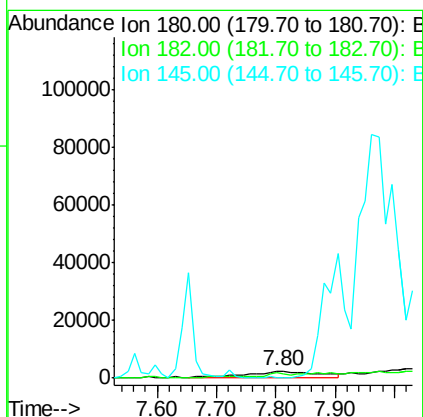
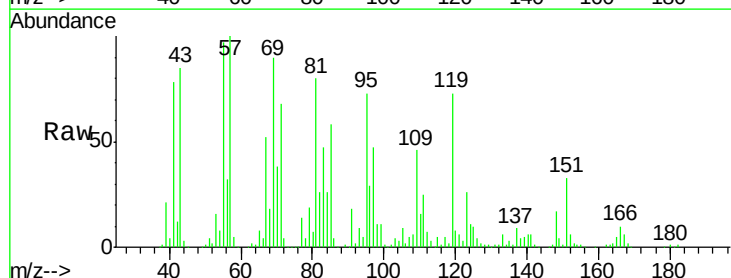
Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

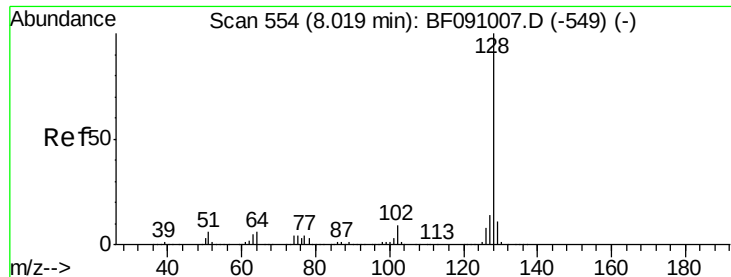
Tgt Ion:162 Resp: 29992
Ion Ratio Lower Upper
162 100
164 7.5 44.4 84.4#
98 132.4 25.2 65.2#



#30
1,2,4-Trichlorobenzene
Concen: 3.55 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.09 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

Tgt Ion:180 Resp: 21531
Ion Ratio Lower Upper
180 100
182 69.0 76.0 114.0#
145 0.0 25.8 38.8#

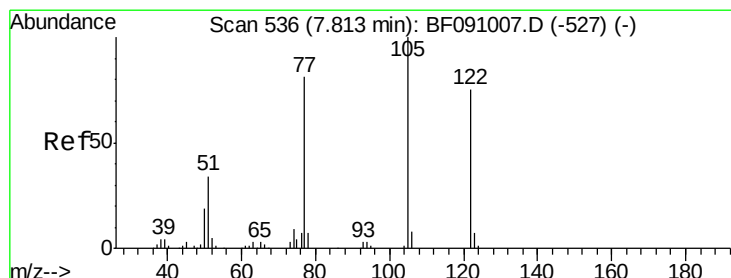
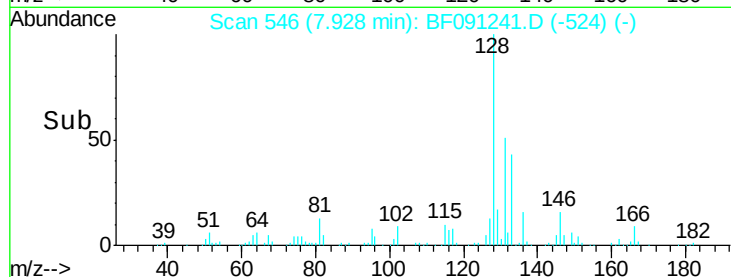
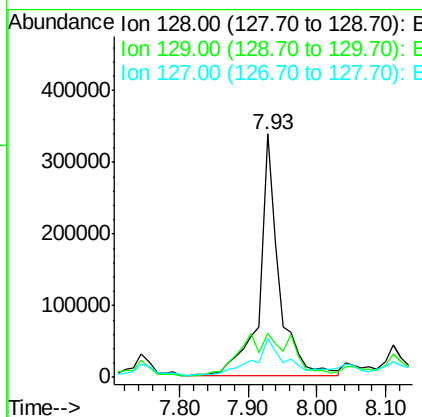
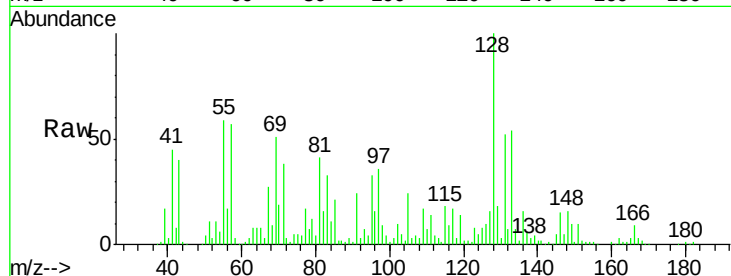




#31
Naphthalene
Concen: 31.16 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

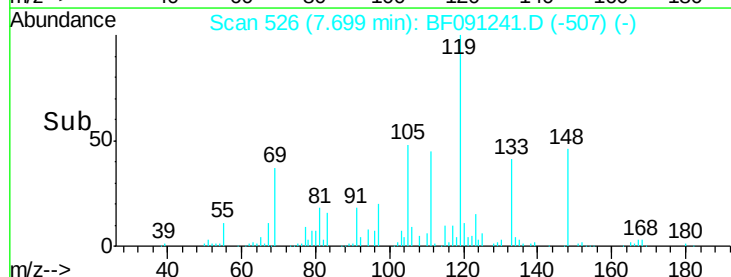
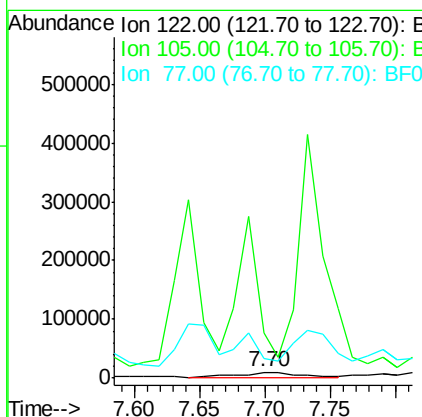
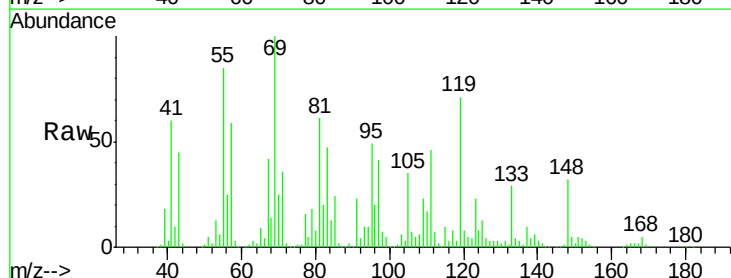
Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

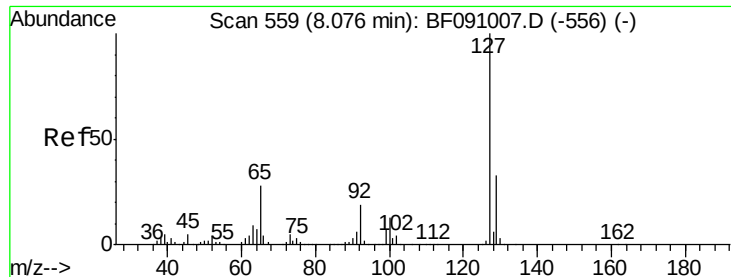
Tgt Ion:128 Resp: 649408
Ion Ratio Lower Upper
128 100
129 17.8 9.0 13.6#
127 16.0 10.9 16.3



#32
Benzoic acid
Concen: 9.55 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.08 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

Tgt Ion:122 Resp: 24133
Ion Ratio Lower Upper
122 100
105 815.9 105.9 145.9#
77 364.9 84.0 124.0#

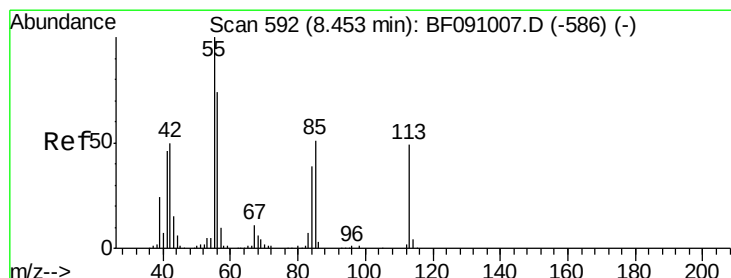
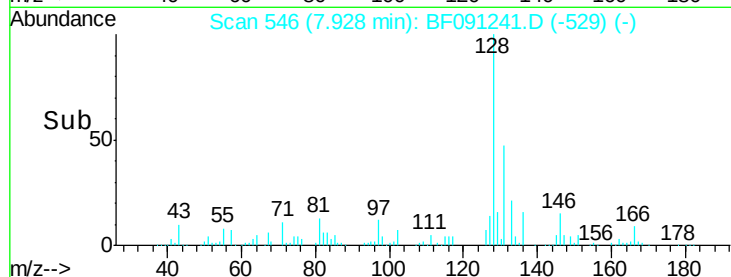
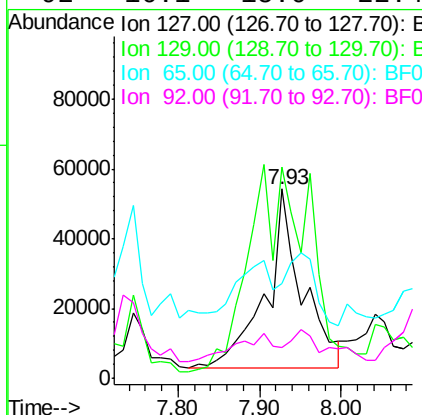
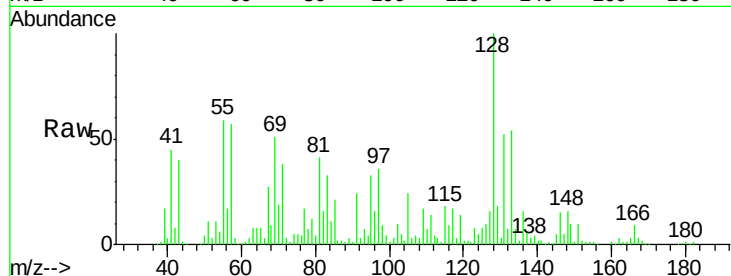




#33
4-Chloroaniline
Concen: 18.23 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.10 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

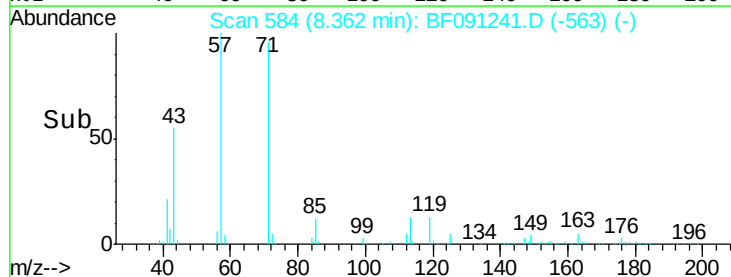
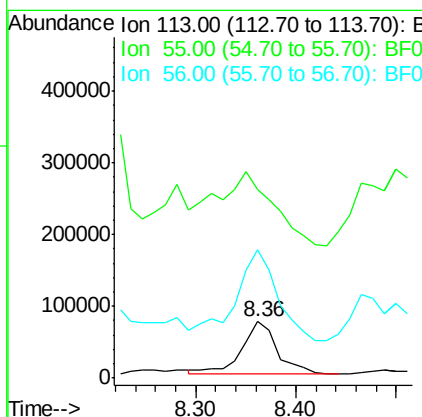
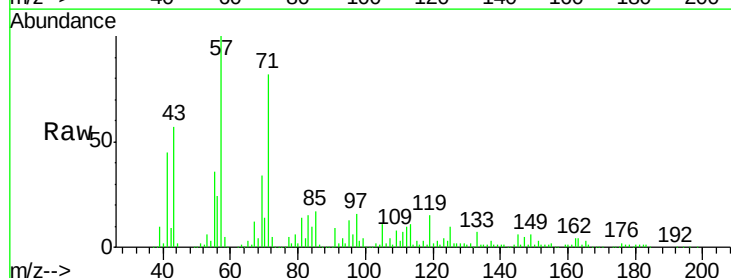
Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

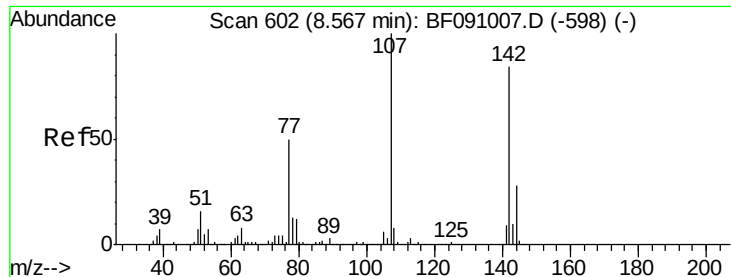
Tgt Ion:	127	Resp:	157997
Ion	Ratio	Lower	Upper
127	100		
129	111.6	26.6	39.8#
65	50.4	22.2	33.2#
92	16.1	15.0	22.4



#35
Caprolactam
Concen: 105.05 ng
RT: 8.36 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

Tgt Ion:	113	Resp:	177864
Ion	Ratio	Lower	Upper
113	100		
55	333.1	184.1	224.1#
56	227.4	132.0	172.0#

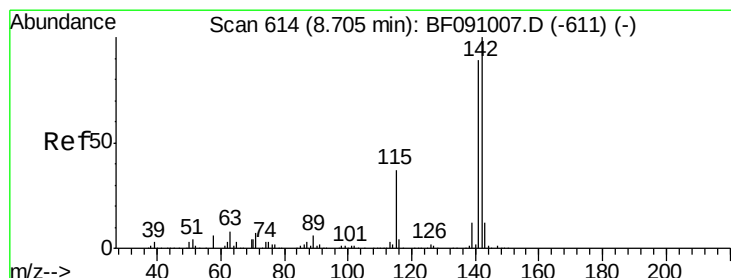
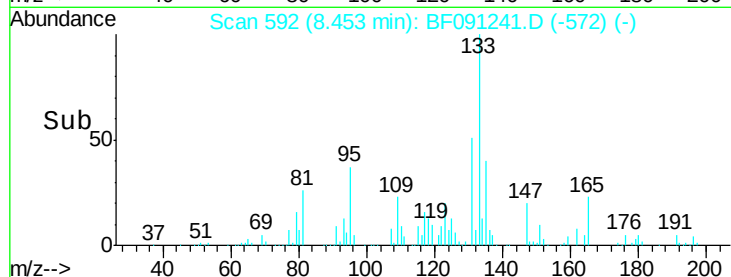
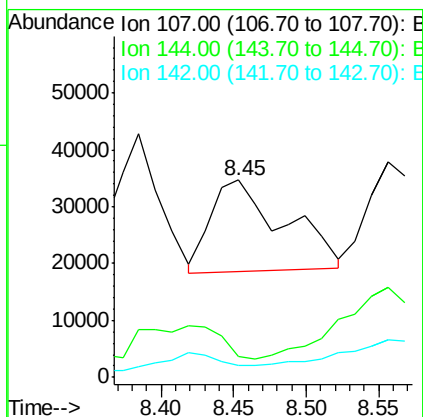
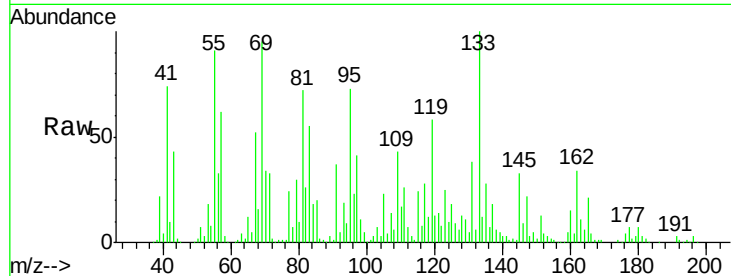




#36
 4-Chloro-3-methylphenol
 Concen: 8.61 ng
 RT: 8.45 min Scan# 592
 Delta R.T. -0.07 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

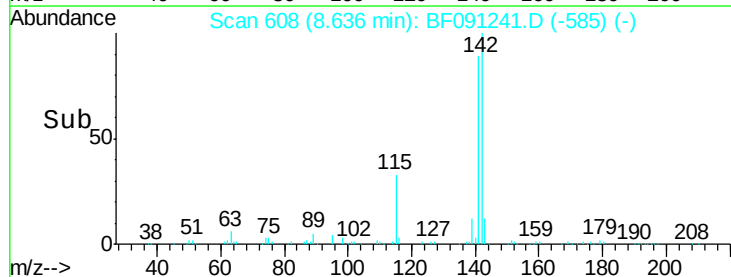
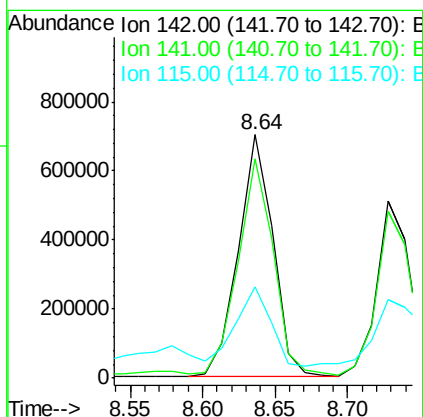
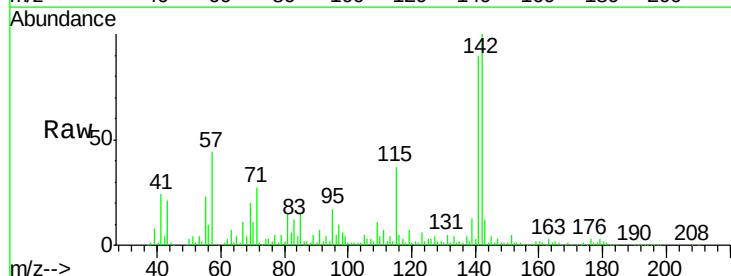
Instrument :
 BNA_F
 ClientSampleId :
 1051-410-NEWYORK

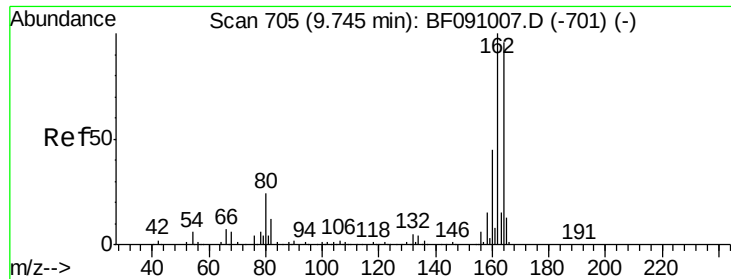
Tgt Ion:107 Resp: 56170
 Ion Ratio Lower Upper
 107 100
 144 10.3 22.5 33.7#
 142 6.0 67.4 101.2#



#37
 2-Methylnaphthalene
 Concen: 87.29 ng
 RT: 8.64 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Tgt Ion:142 Resp: 1169567
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 37.4 29.9 44.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

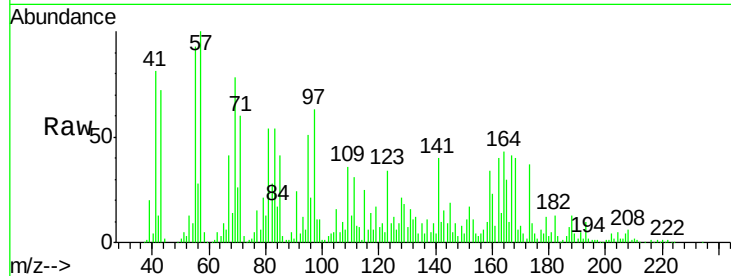
Tgt Ion:164 Resp: 120610

Ion Ratio Lower Upper

164 100

162 94.0 83.6 125.4

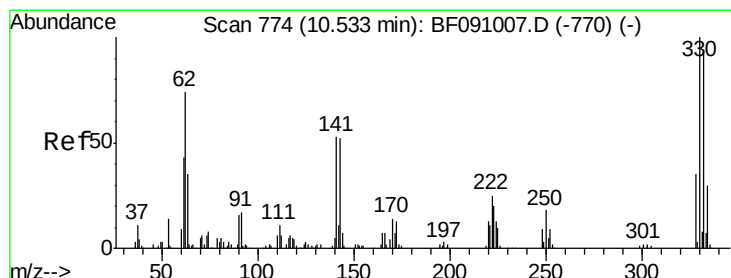
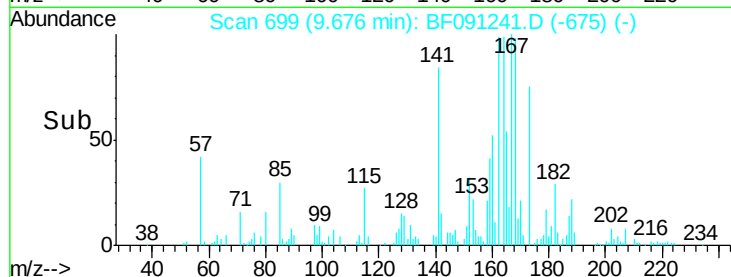
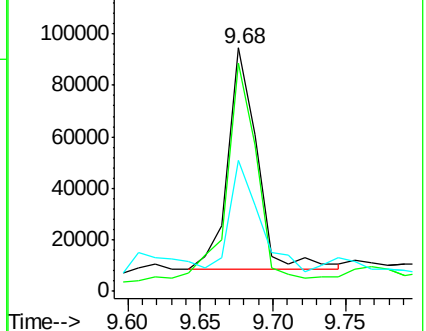
160 53.7 37.9 56.9



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: 175.65 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

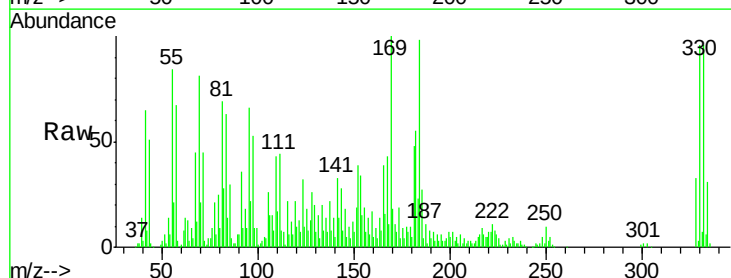
Tgt Ion:330 Resp: 191530

Ion Ratio Lower Upper

330 100

332 98.4 75.9 113.9

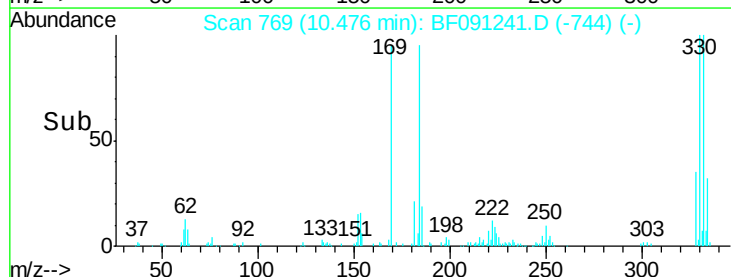
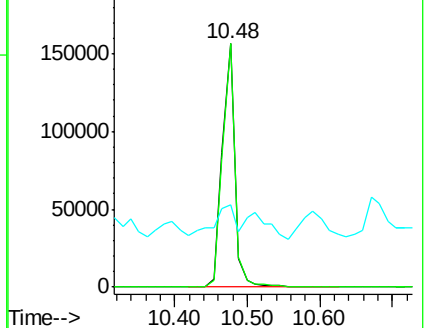
141 18.5 36.1 54.1#

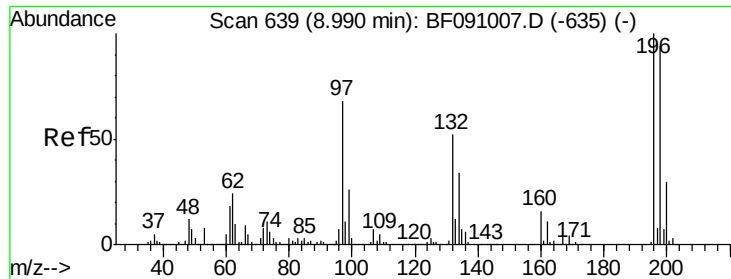


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

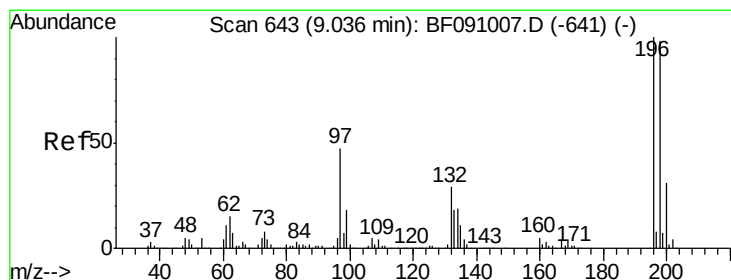
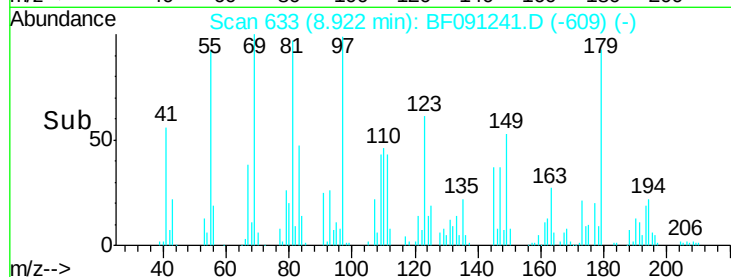
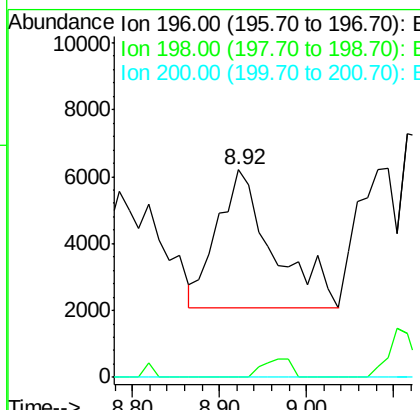
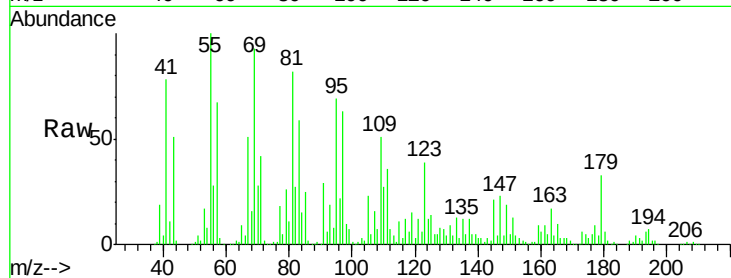




#42
 2,4,6-Trichlorophenol
 Concen: 9.27 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

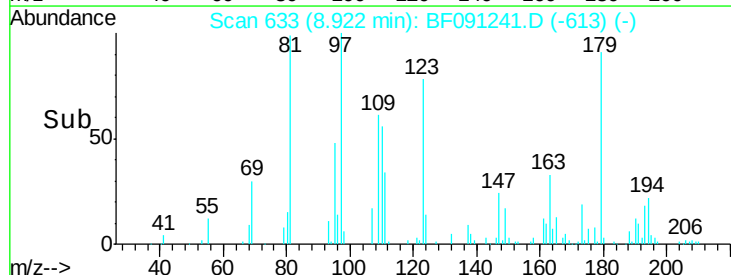
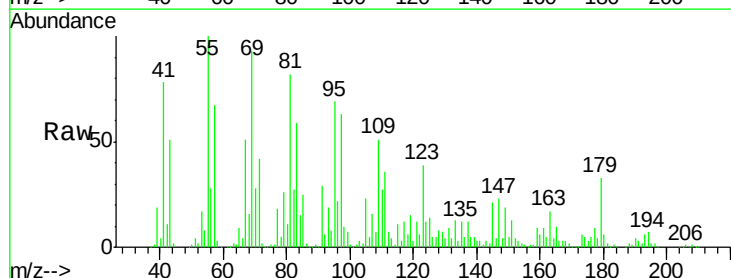
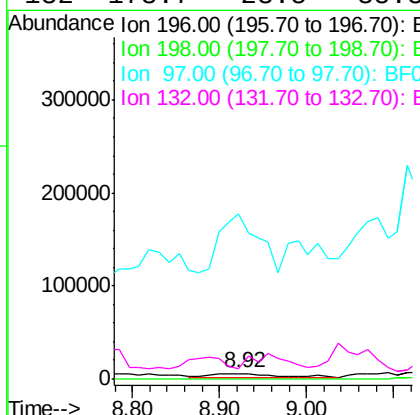
Instrument :
 BNA_F
 ClientSampleId :
 1051-410-NEWYORK

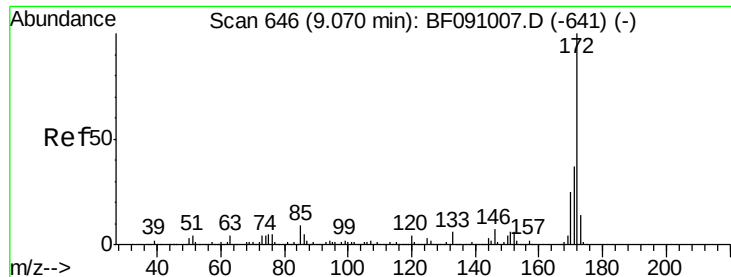
Tgt Ion:196 Resp: 18403
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.4 113.0#
 200 0.0 24.1 36.1#



#43
 2,4,5-Trichlorophenol
 Concen: 8.83 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.07 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Tgt Ion:196 Resp: 18403
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.4#
 97 2859.9 38.8 58.2#
 132 173.7 23.5 35.3#

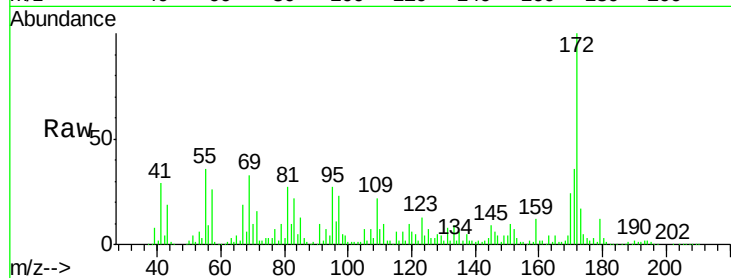




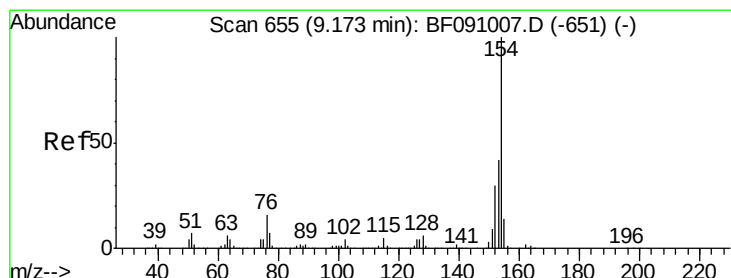
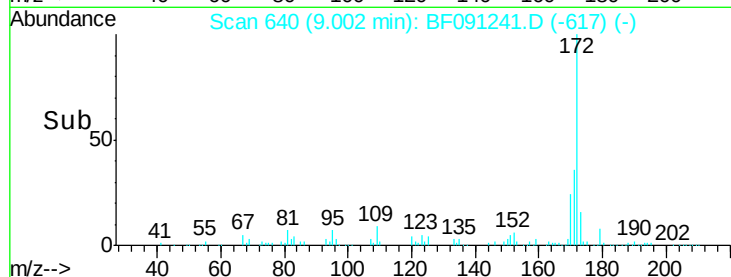
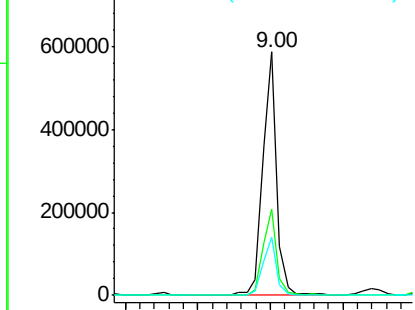
#44
 2-Fluorobiphenyl
 Concen: 113.76 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 1051-410-NEWYORK

Tgt Ion:172 Resp: 796948
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.6
 170 23.7 20.3 30.5

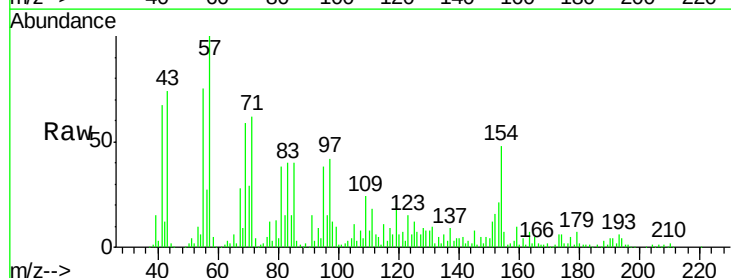


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

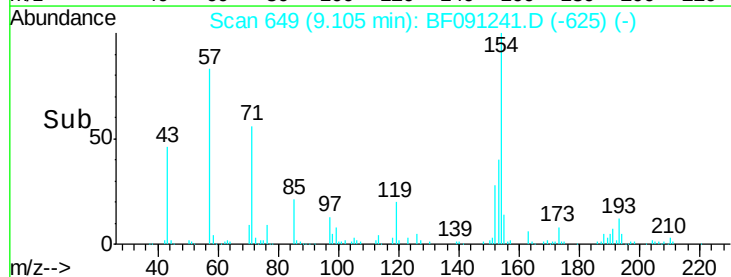
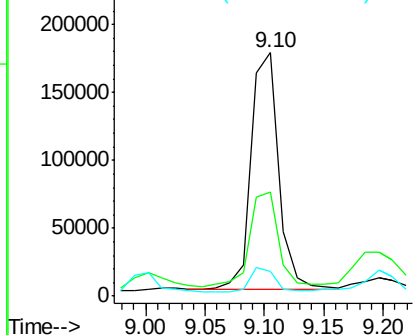


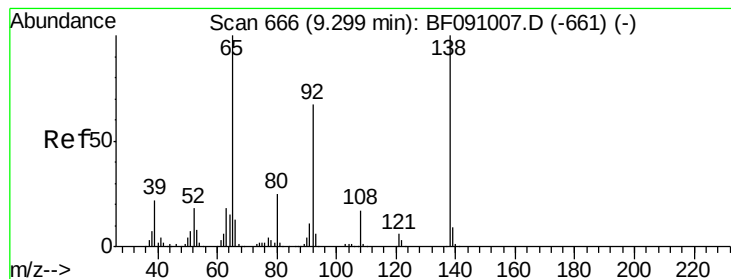
#45
 1,1'-Biphenyl
 Concen: 32.15 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Tgt Ion:154 Resp: 283164
 Ion Ratio Lower Upper
 154 100
 153 42.9 21.6 61.6
 76 9.9 0.0 36.2



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): BF0





#47

2-Nitroaniline

Concen: 9.56 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.10 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

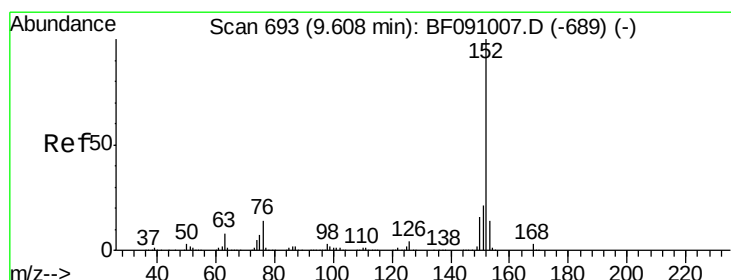
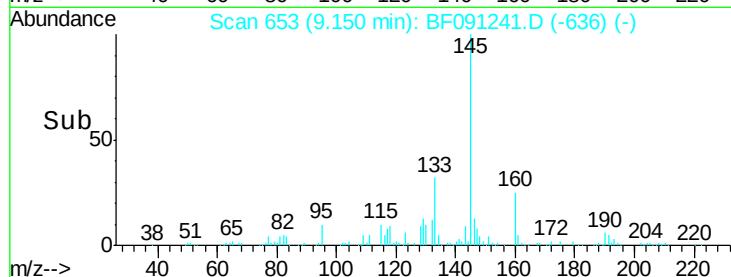
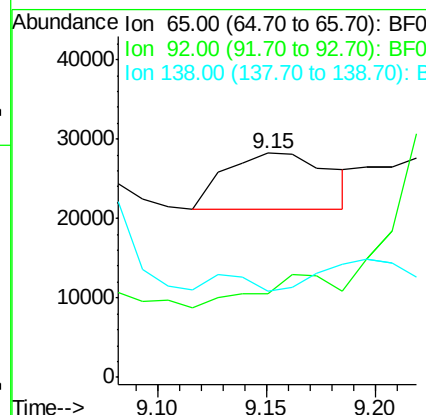
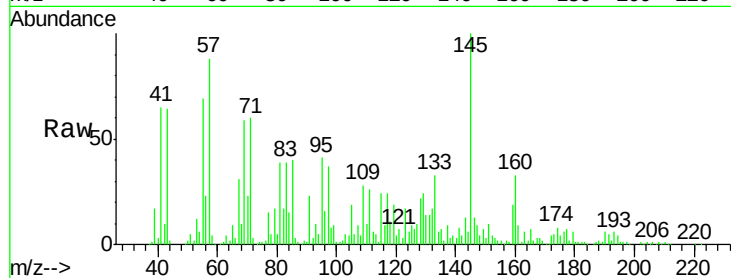
Tgt Ion: 65 Resp: 23713

Ion Ratio Lower Upper

65 100

92 37.1 53.9 80.9#

138 38.4 80.1 120.1#



#48

Acenaphthylene

Concen: 4.64 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

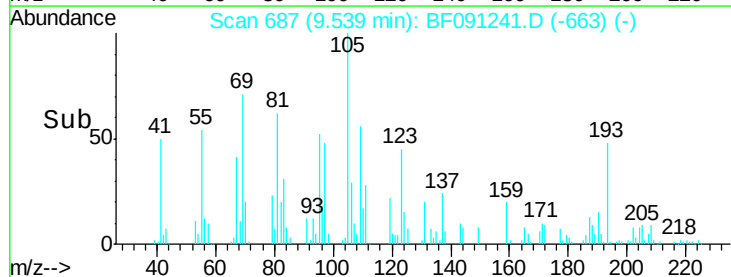
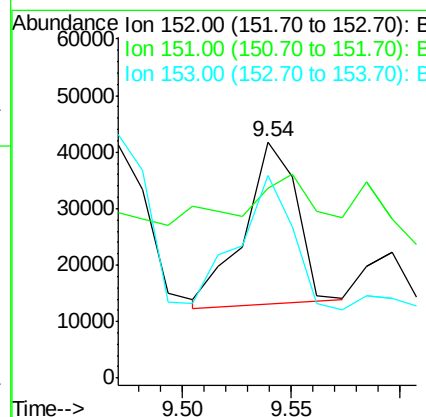
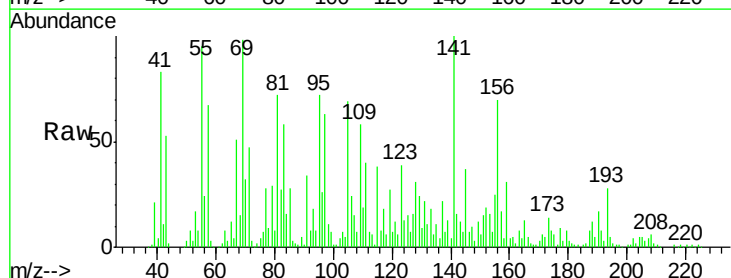
Tgt Ion: 152 Resp: 48357

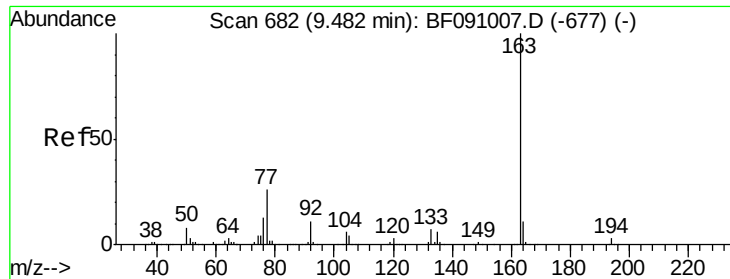
Ion Ratio Lower Upper

152 100

151 80.3 16.7 25.1#

153 85.5 11.1 16.7#

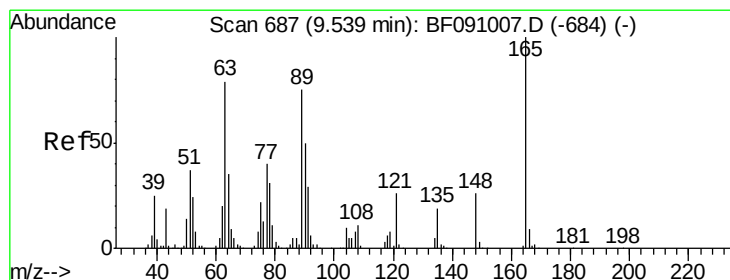
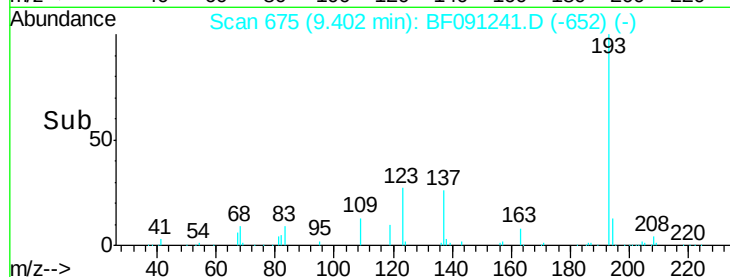
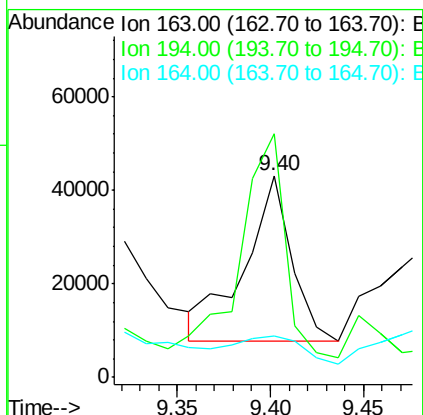
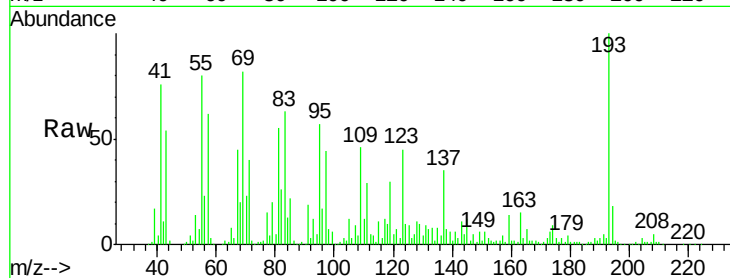




#49
Dimethylphthalate
Concen: 7.95 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

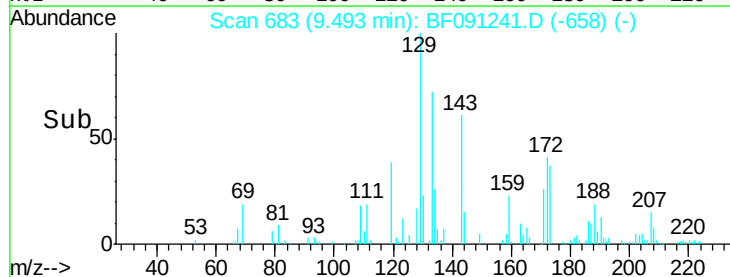
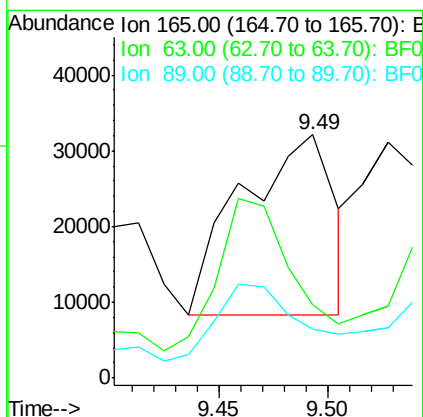
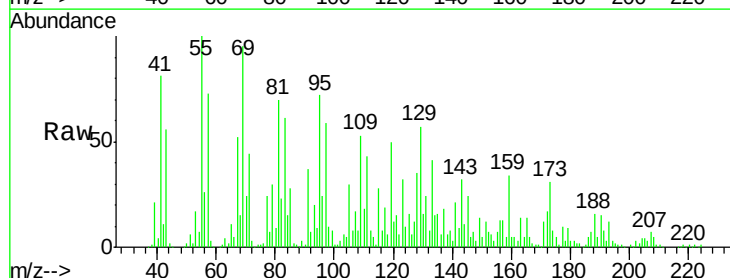
Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

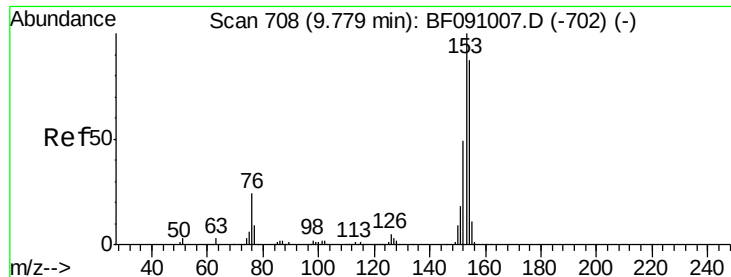
Tgt Ion:163 Resp: 62855
Ion Ratio Lower Upper
163 100
194 120.8 2.6 4.0#
164 20.8 8.7 13.1#



#50
2,6-Dinitrotoluene
Concen: 41.75 ng
RT: 9.49 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

Tgt Ion:165 Resp: 70759
Ion Ratio Lower Upper
165 100
63 30.0 65.6 98.4#
89 20.3 59.8 89.6#





#51

Acenaphthene

Concen: 11.67 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

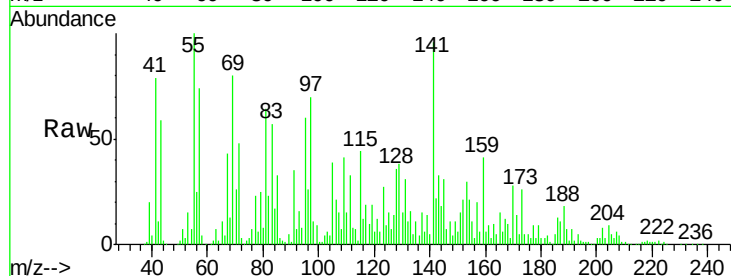
Tgt Ion:154 Resp: 76334

Ion Ratio Lower Upper

154 100

153 139.2 91.6 137.4#

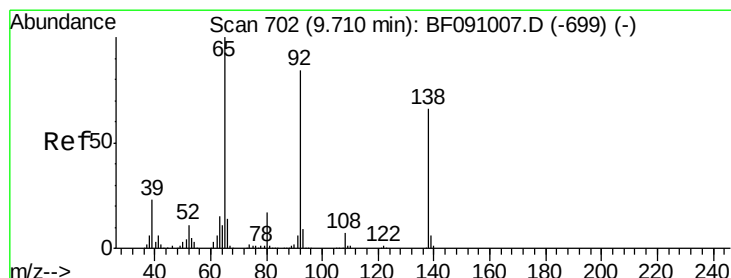
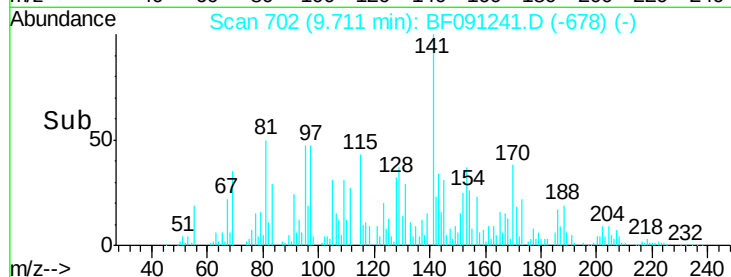
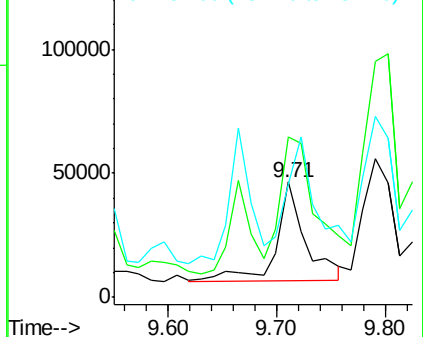
152 98.2 44.6 67.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.65 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

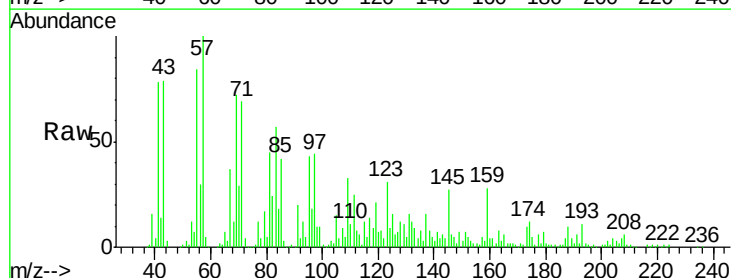
Tgt Ion:138 Resp: 27433

Ion Ratio Lower Upper

138 100

108 64.5 8.4 12.6#

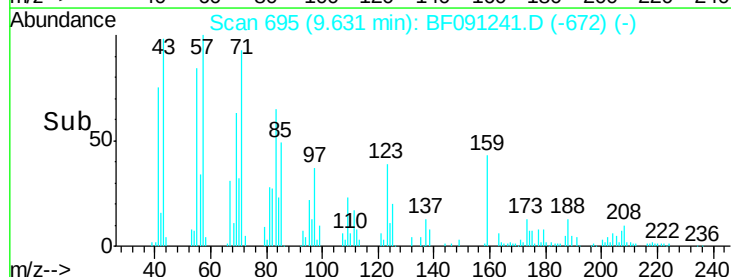
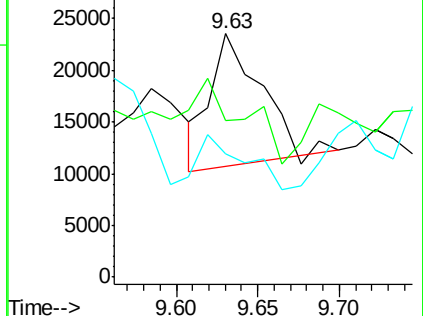
92 50.7 101.1 151.7#

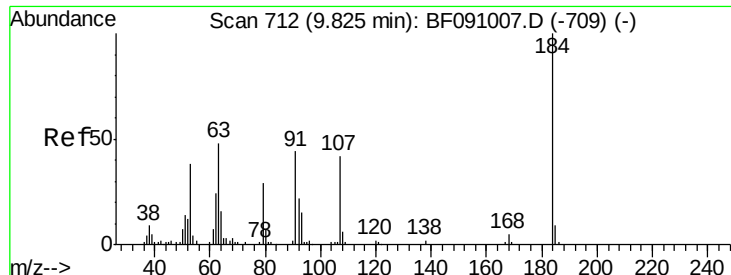


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

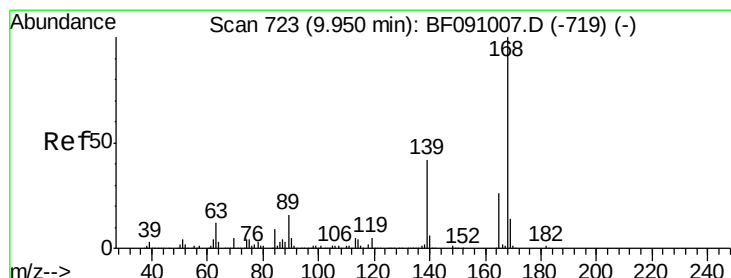
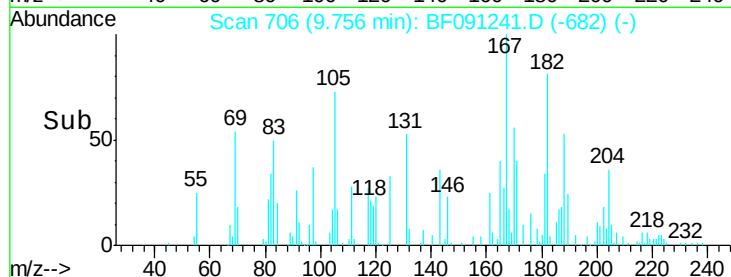
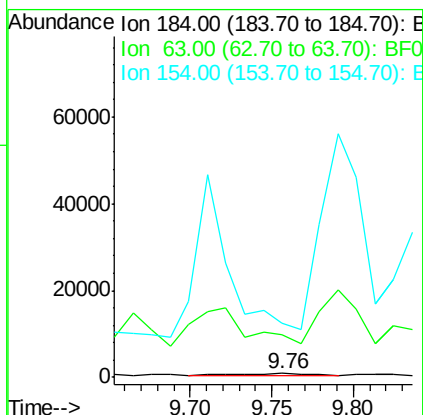
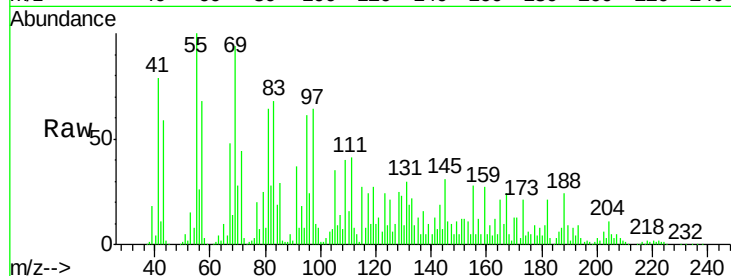




#53
 2,4-Dinitrophenol
 Concen: 8.42 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

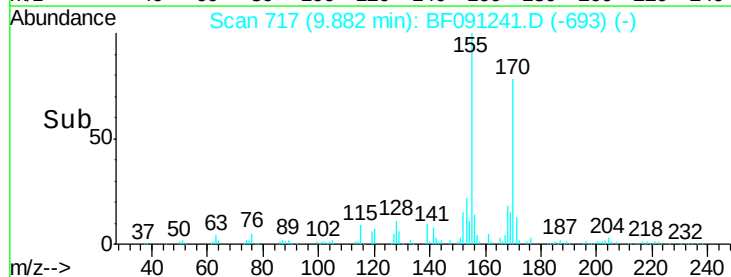
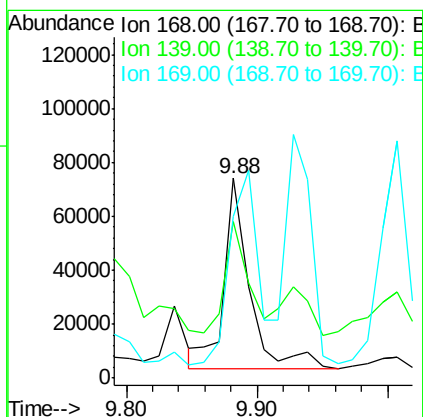
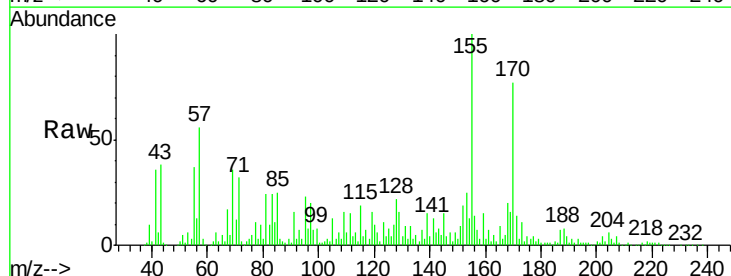
Instrument :
 BNA_F
 ClientSampleId :
 1051-410-NEWYORK

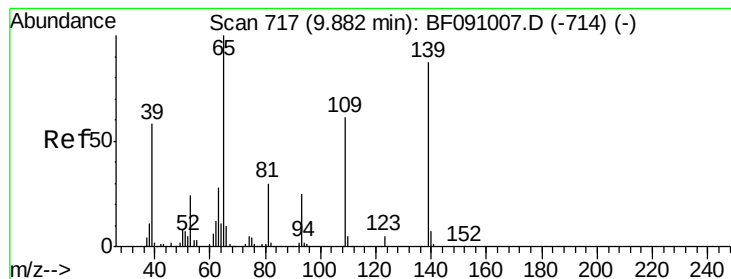
Tgt Ion:184 Resp: 2164
 Ion Ratio Lower Upper
 184 100
 63 1166.0 45.5 68.3#
 154 1487.1 51.0 76.4#



#54
 Dibenzofuran
 Concen: 10.87 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Tgt Ion:168 Resp: 95702
 Ion Ratio Lower Upper
 168 100
 139 78.3 34.8 52.2#
 169 81.2 11.4 17.2#





#55

4-Nitrophenol

Concen: 48.74 ng

RT: 9.79 min Scan# 709

Delta R.T. -0.06 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

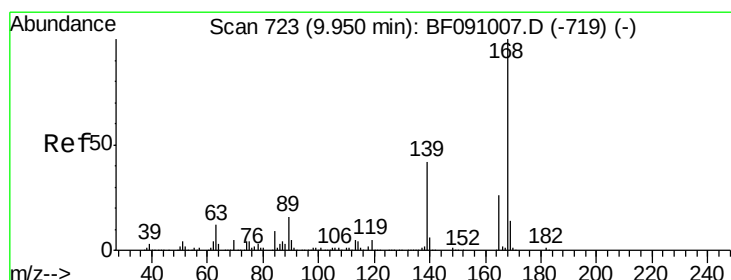
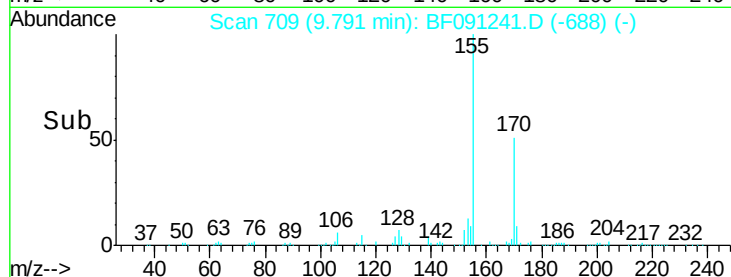
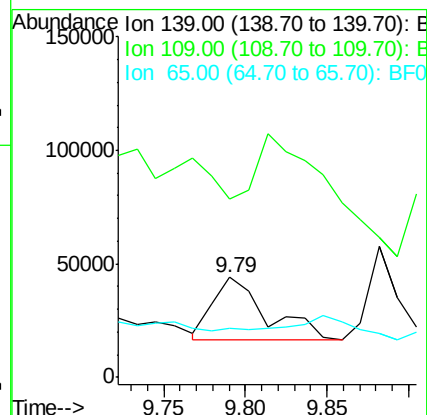
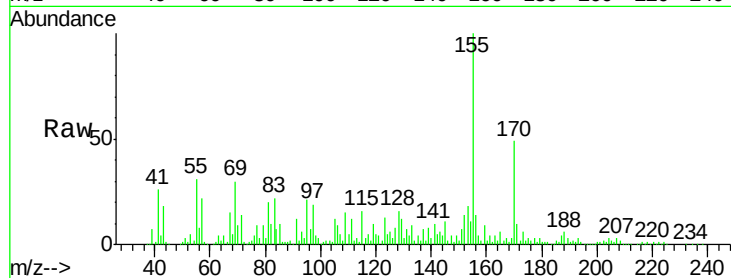
Tgt Ion:139 Resp: 62008

Ion Ratio Lower Upper

139 100

109 178.2 50.5 90.5#

65 48.4 97.1 137.1#



#56

2,4-Dinitrotoluene

Concen: 4.54 ng

RT: 9.84 min Scan# 713

Delta R.T. -0.07 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Tgt Ion:165 Resp: 9797

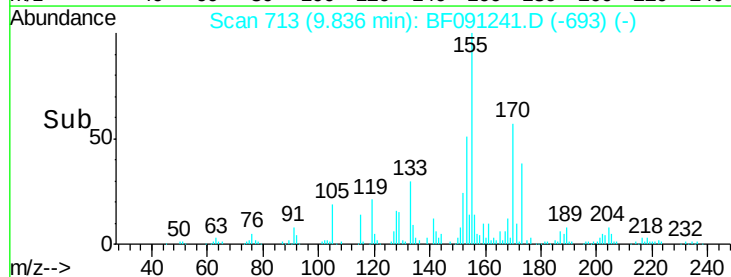
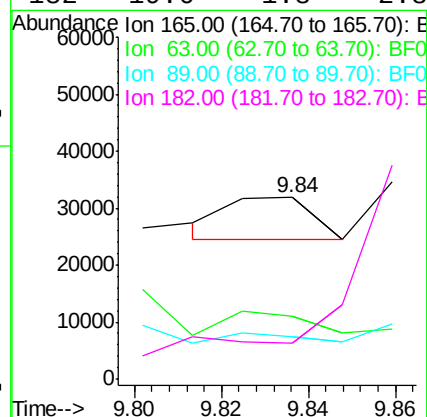
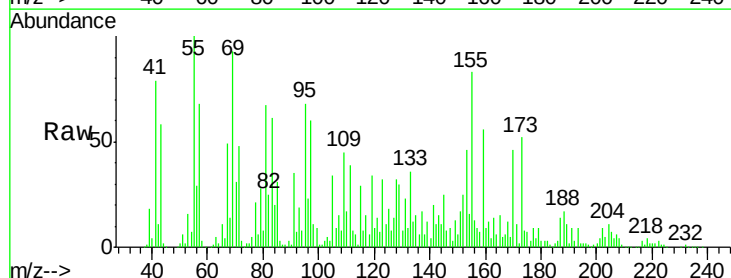
Ion Ratio Lower Upper

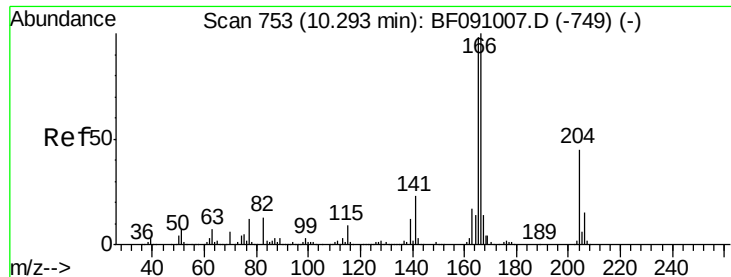
165 100

63 34.7 38.7 58.1#

89 23.4 50.6 76.0#

182 19.6 1.8 2.8#

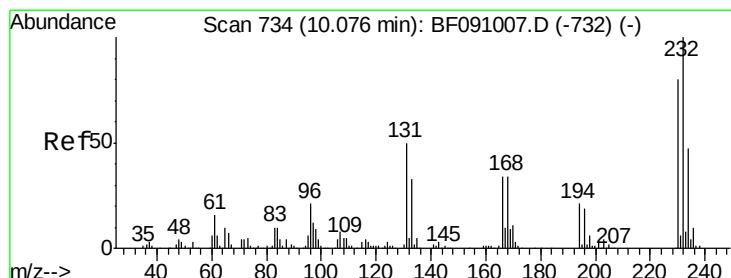
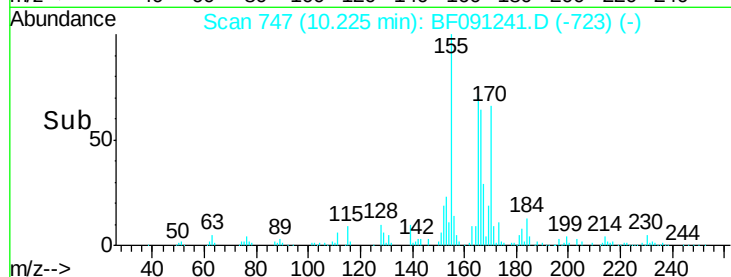
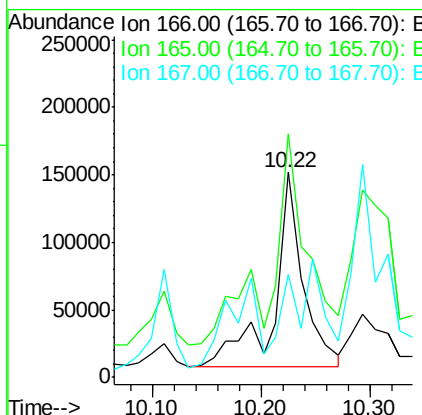
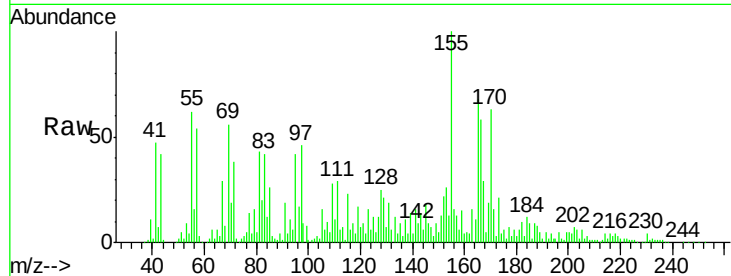




#57
 Fluorene
 Concen: 37.08 ng
 RT: 10.22 min Scan# 747
 Delta R.T. -0.02 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

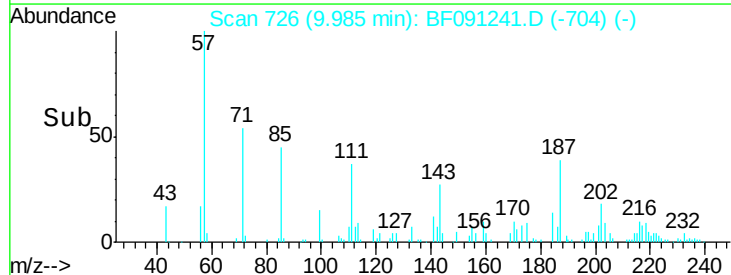
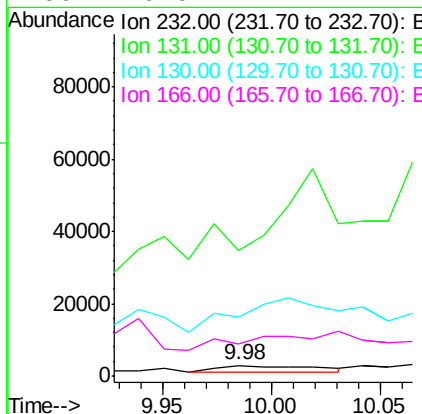
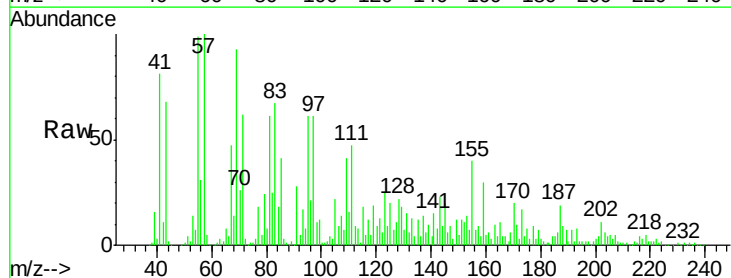
Instrument :
 BNA_F
 ClientSampleId :
 1051-410-NEWYORK

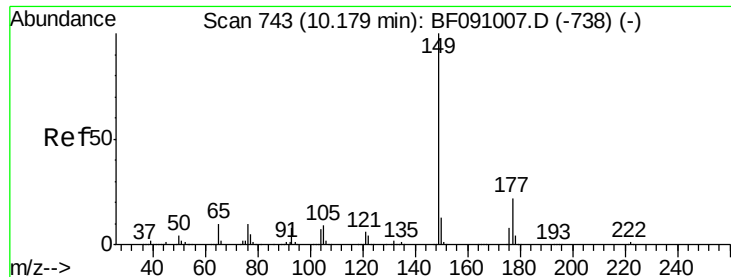
Tgt Ion:166 Resp: 266946
 Ion Ratio Lower Upper
 166 100
 165 118.8 78.6 118.0#
 167 50.0 11.1 16.7#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.14 ng
 RT: 9.98 min Scan# 726
 Delta R.T. -0.05 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Tgt Ion:232 Resp: 5128
 Ion Ratio Lower Upper
 232 100
 131 0.0 43.6 65.4#
 130 0.0 2.0 3.0#
 166 0.0 27.4 41.2#

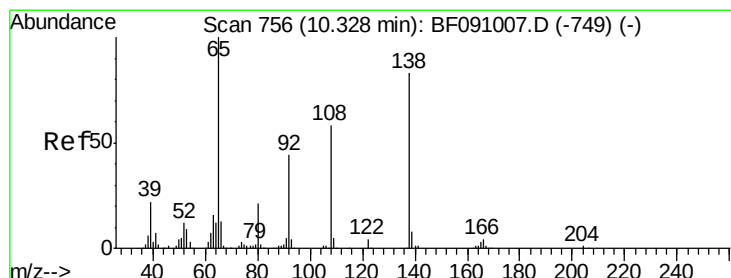
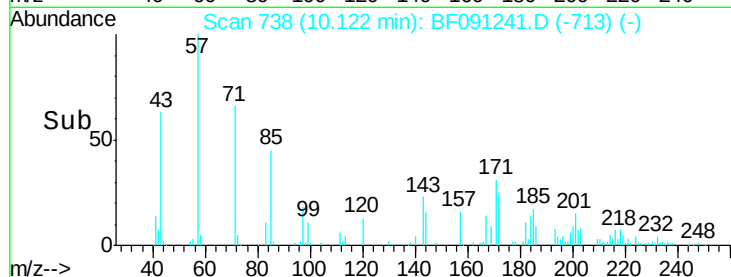
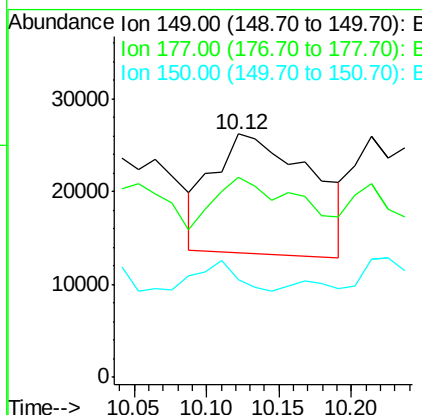
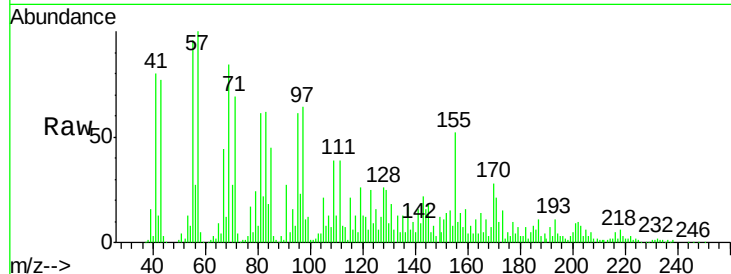




#59
Diethylphthalate
Concen: 7.54 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

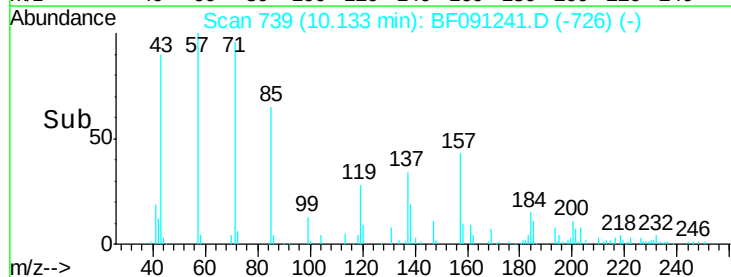
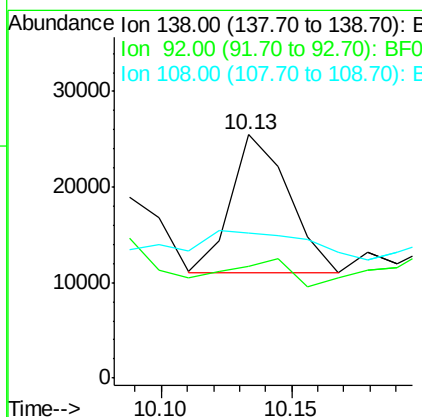
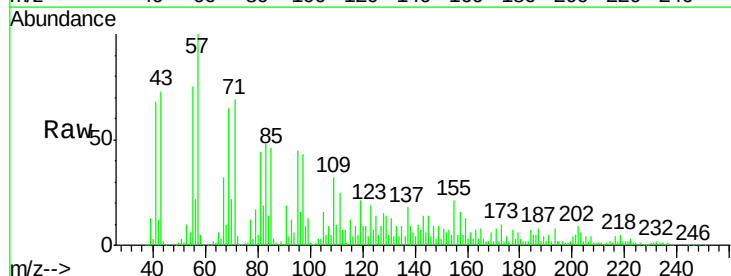
Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

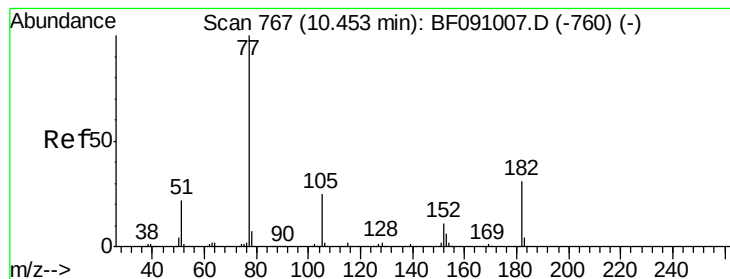
Tgt Ion:149 Resp: 61110
Ion Ratio Lower Upper
149 100
177 82.3 17.3 25.9#
150 40.1 10.3 15.5#



#61
4-Nitroaniline
Concen: 11.08 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.15 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

Tgt Ion:138 Resp: 22533
Ion Ratio Lower Upper
138 100
92 46.0 32.5 72.5
108 59.7 49.4 89.4





#62

Azobenzene

Concen: 8.11 ng

RT: 10.38 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

Tgt Ion: 77 Resp: 77433

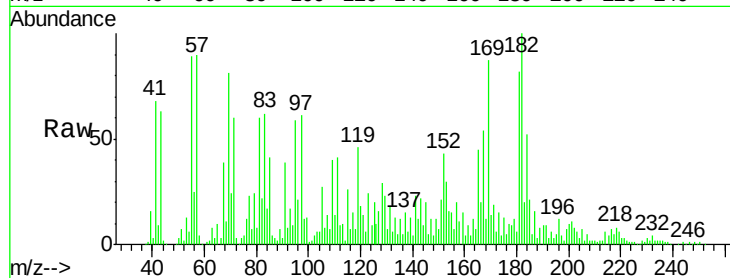
Ion Ratio Lower Upper

77 100

182 437.2 11.0 51.0#

105 118.3 5.6 45.6#

51 32.7 2.7 42.7

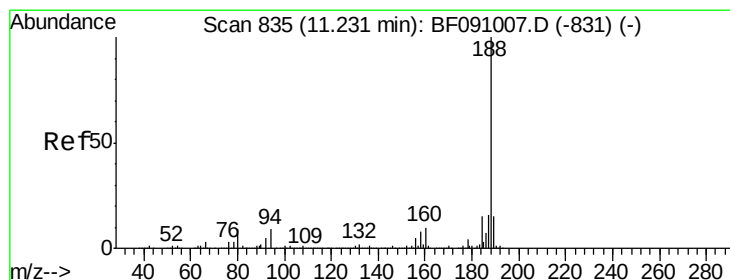
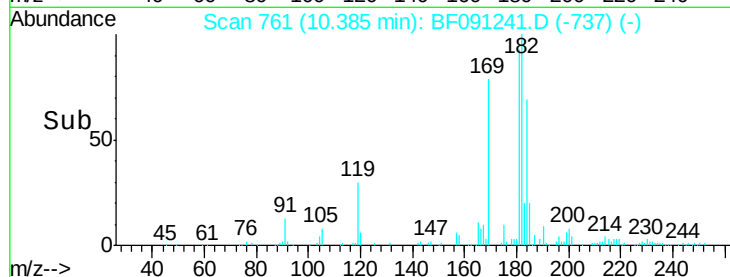
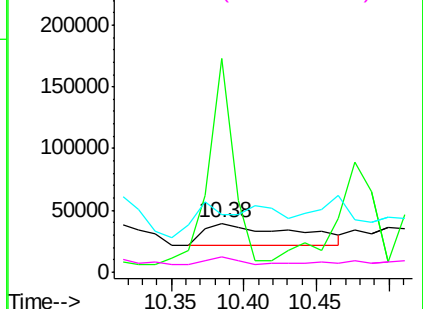


Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

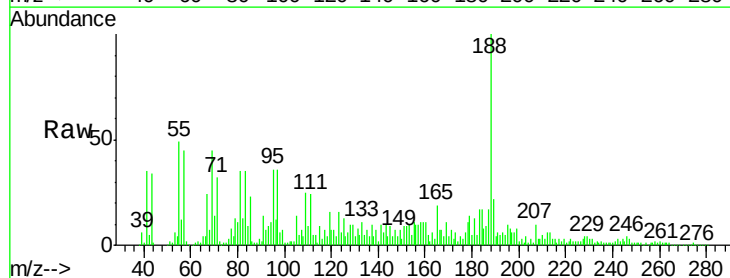
Tgt Ion: 188 Resp: 296994

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.4#

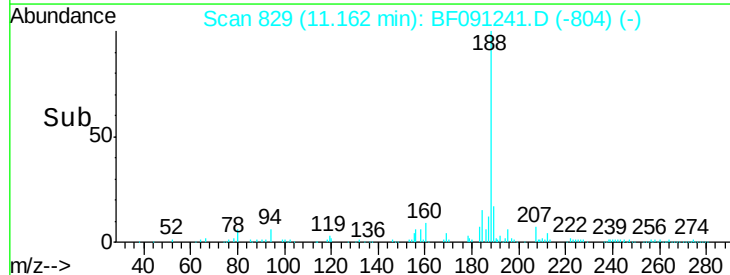
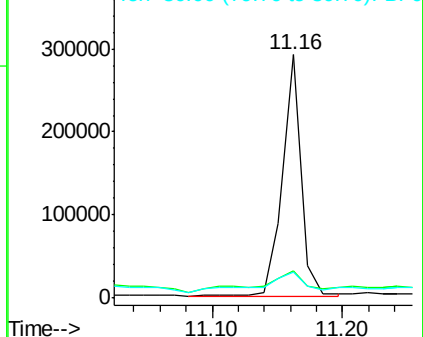
80 10.8 7.5 11.3

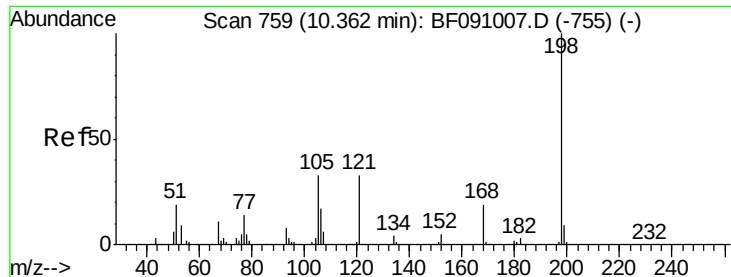


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.90 ng

RT: 10.33 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

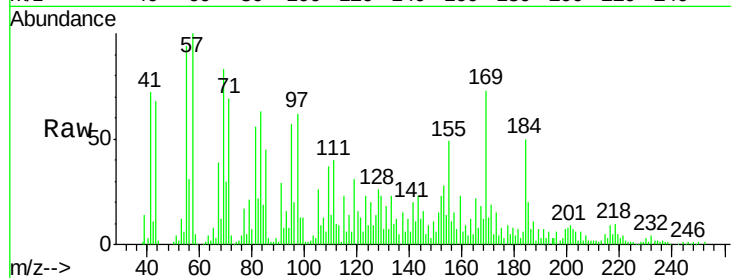
Tgt Ion:198 Resp: 7091

Ion Ratio Lower Upper

198 100

51 145.1 5.9 45.9#

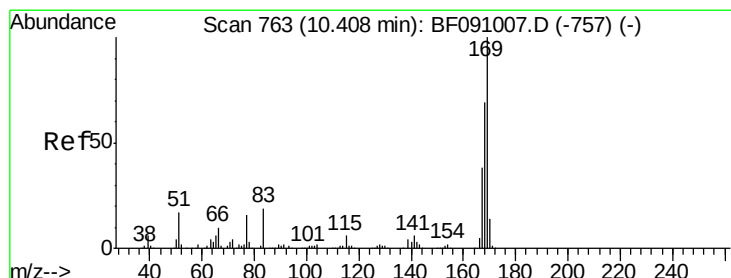
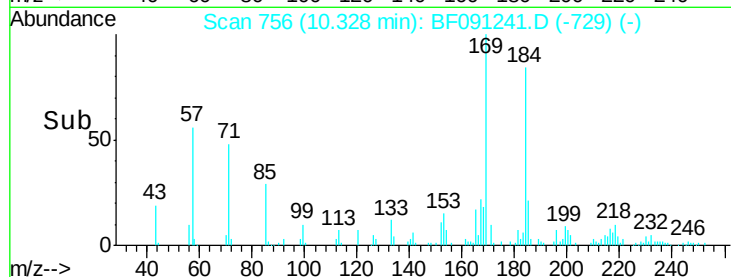
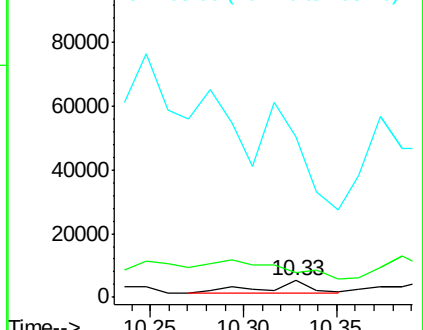
105 953.5 13.8 53.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.10 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

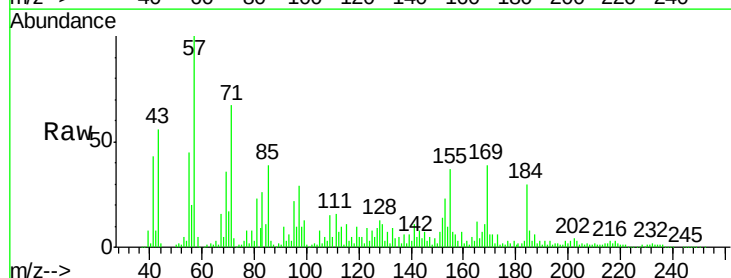
Tgt Ion:169 Resp: 331346

Ion Ratio Lower Upper

169 100

168 26.6 55.3 82.9#

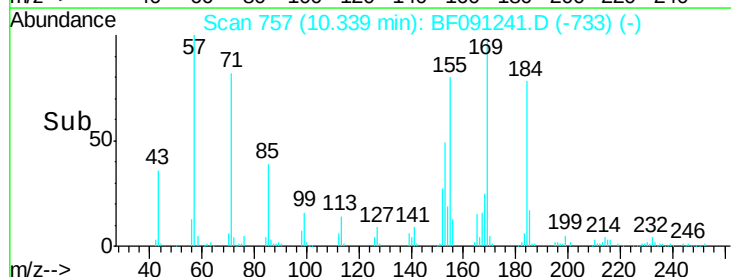
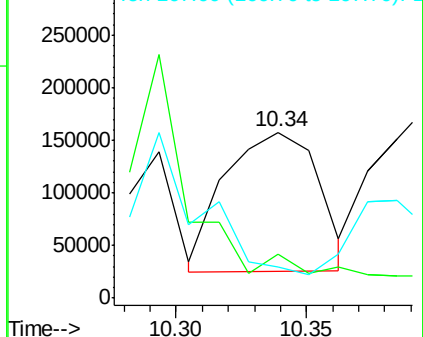
167 18.6 30.3 45.5#

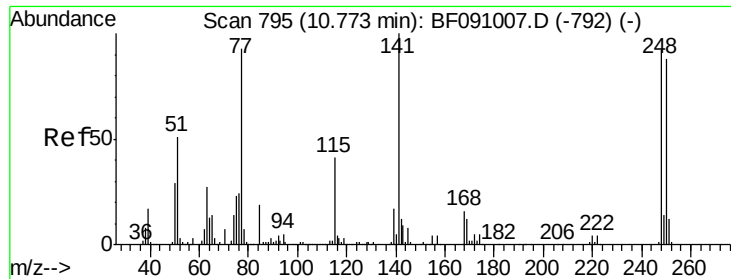


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

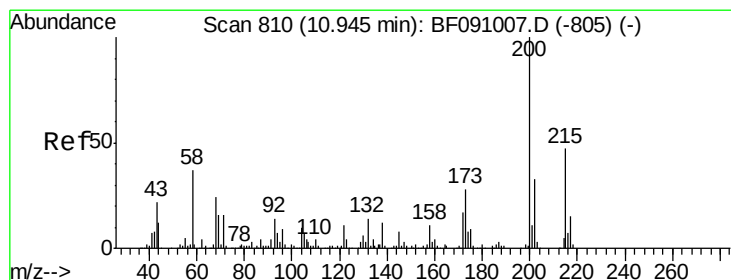
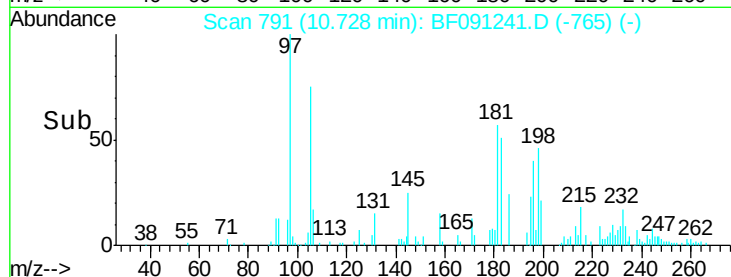
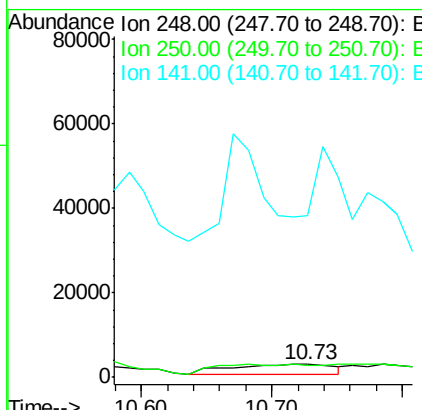
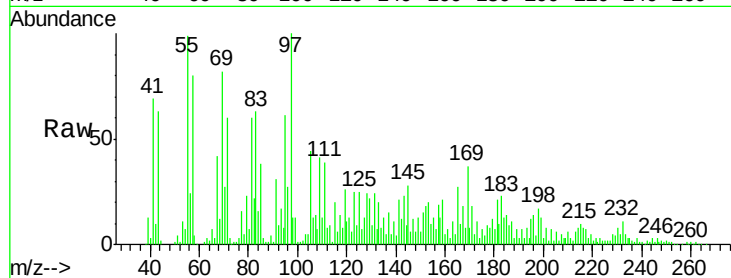




#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

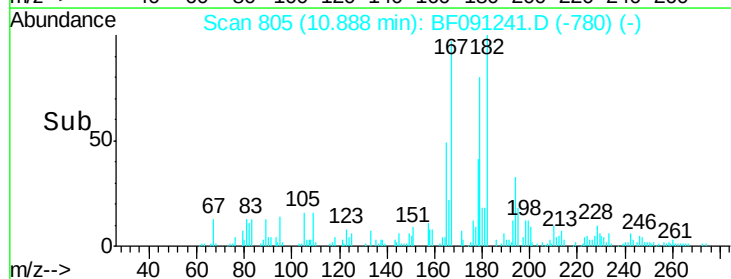
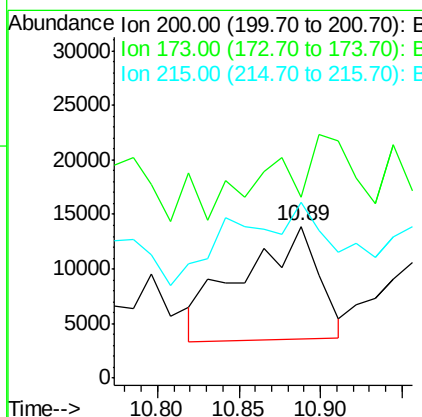
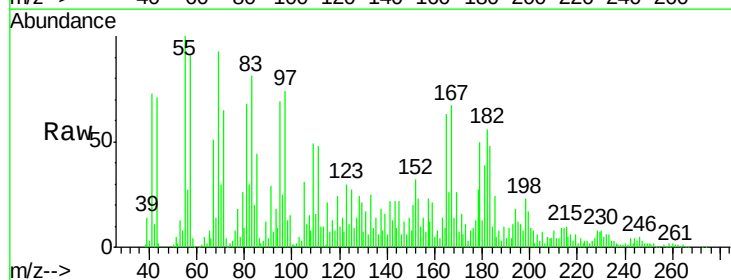
Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

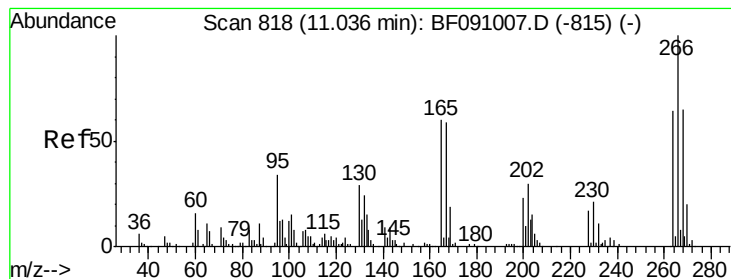
Tgt Ion:248 Resp: 13013
Ion Ratio Lower Upper
248 100
250 97.0 76.3 114.5
141 1257.9 86.8 130.2#



#68
Atrazine
Concen: 12.51 ng
RT: 10.89 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091241.D
Acq: 18 Nov 2016 19:01

Tgt Ion:200 Resp: 34069
Ion Ratio Lower Upper
200 100
173 118.7 8.1 48.1#
215 115.5 27.3 67.3#





#69

Pentachlorophenol

Concen: 3.41 ng

RT: 10.99 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

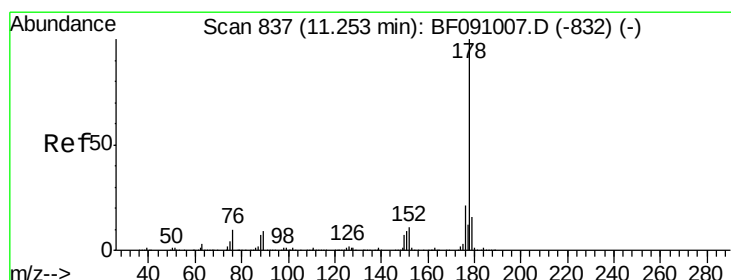
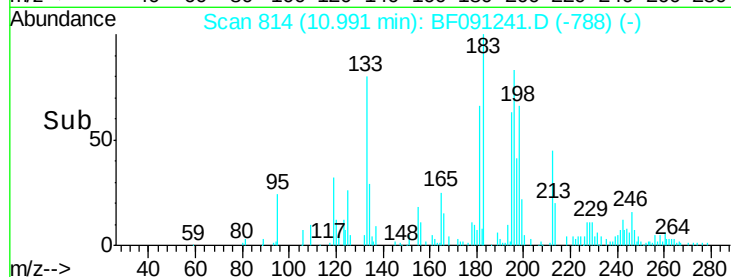
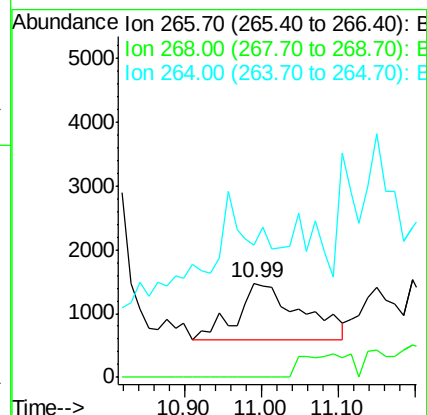
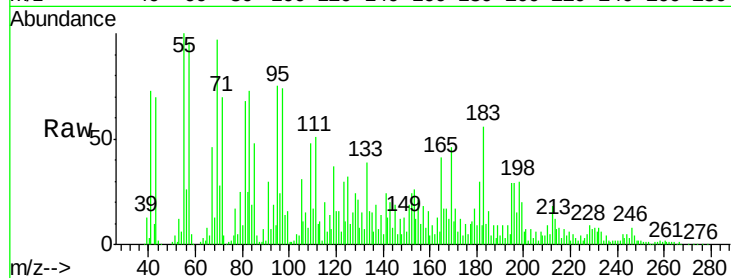
Tgt Ion:266 Resp: 5139

Ion Ratio Lower Upper

266 100

268 0.0 52.1 78.1#

264 140.3 51.1 76.7#



#70

Phenanthrene

Concen: 37.84 ng

RT: 11.18 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

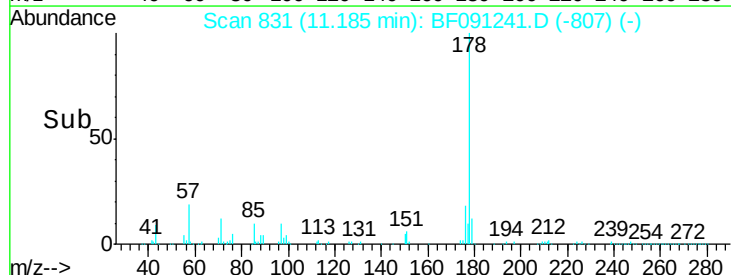
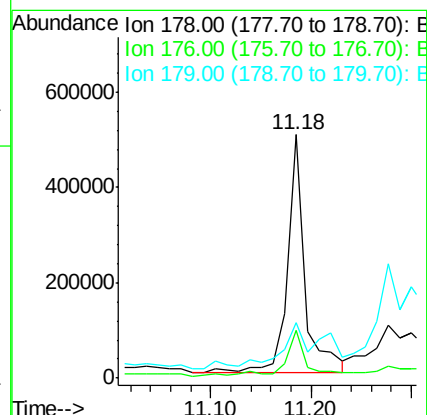
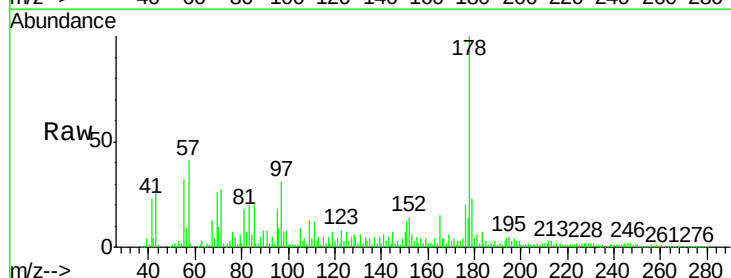
Tgt Ion:178 Resp: 597463

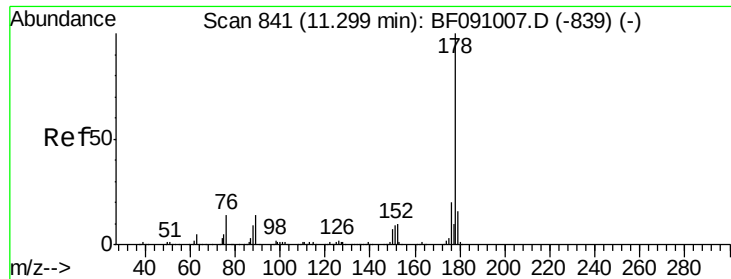
Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

179 22.9 12.9 19.3#

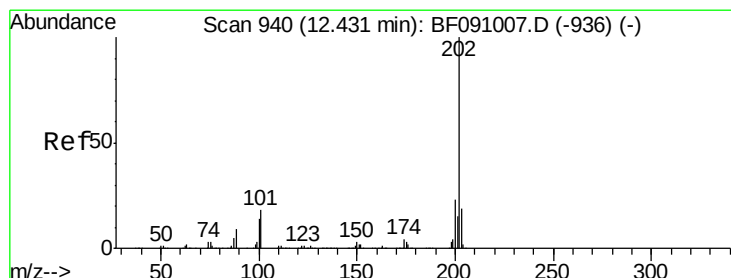
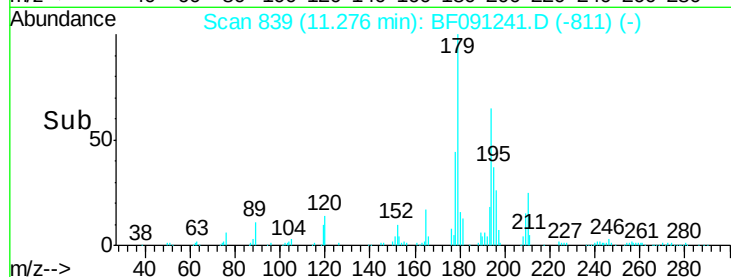
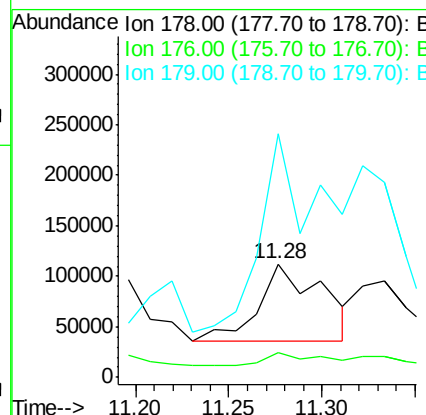
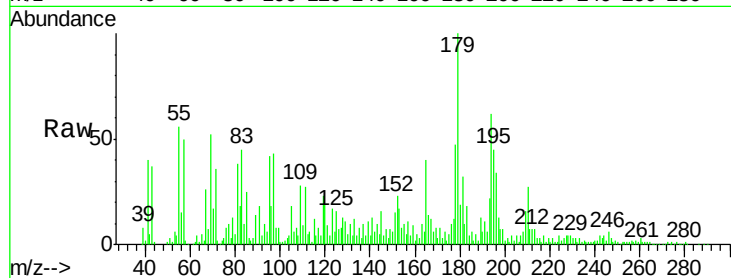




#71
 Anthracene
 Concen: 10.70 ng
 RT: 11.28 min Scan# 839
 Delta R.T. 0.02 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

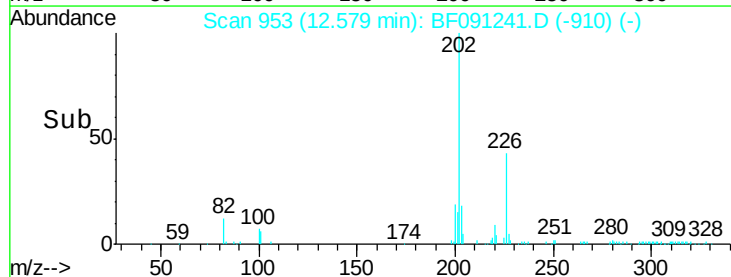
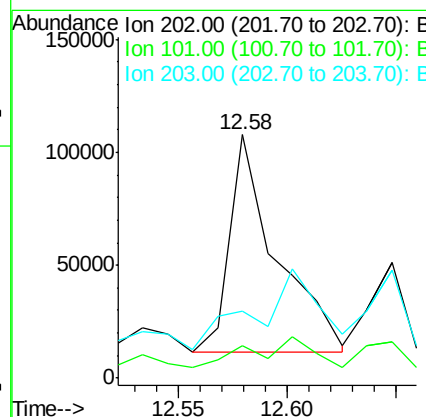
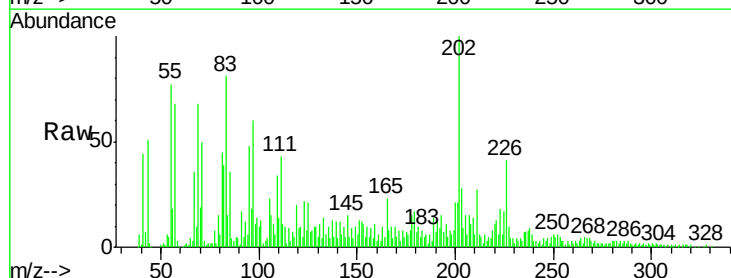
Instrument :
 BNA_F
 ClientSampleId :
 1051-410-NEWYORK

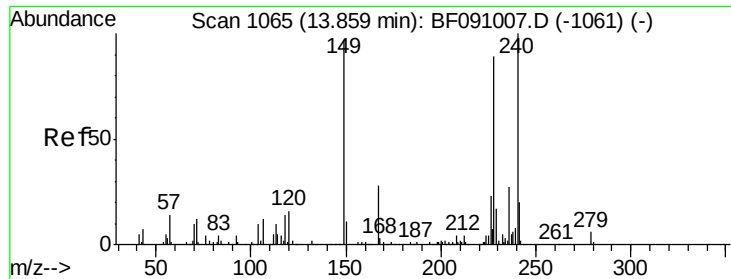
Tgt Ion:178 Resp: 179619
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.0 24.0
 179 214.9 13.0 19.6#



#74
 Fluoranthene
 Concen: 8.82 ng
 RT: 12.58 min Scan# 953
 Delta R.T. 0.19 min
 Lab File: BF091241.D
 Acq: 18 Nov 2016 19:01

Tgt Ion:202 Resp: 144360
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 37.6
 203 27.8 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

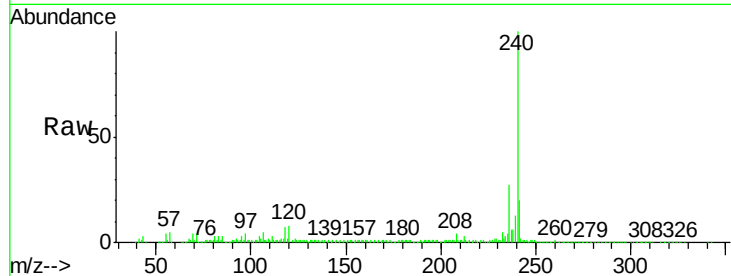
Tgt Ion:240 Resp: 434333

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

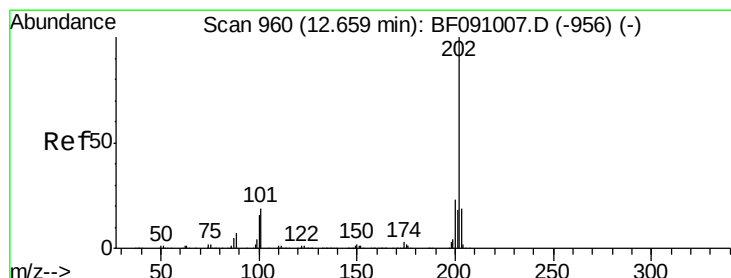
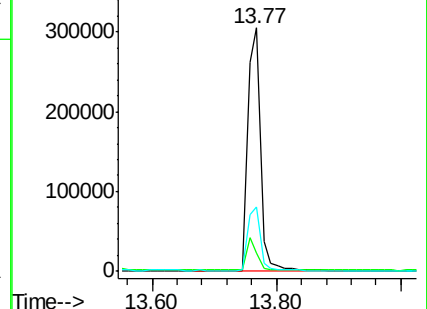
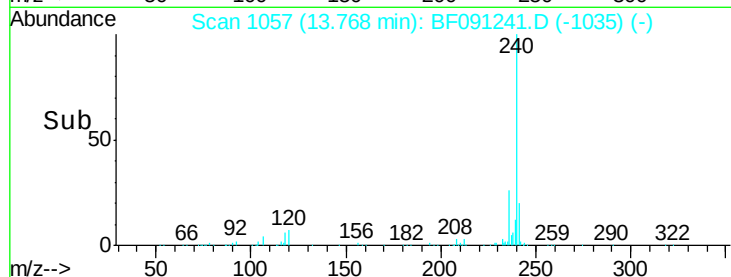
236 26.7 21.9 32.9



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



#77

Pyrene

Concen: 5.08 ng

RT: 12.58 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

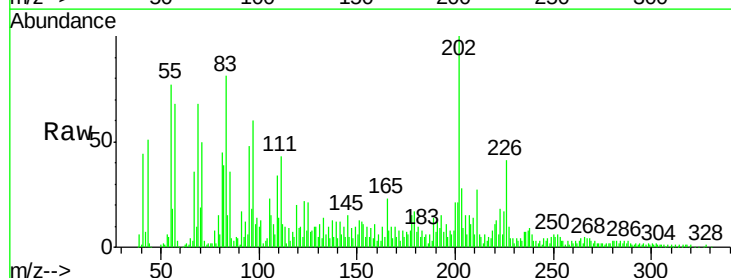
Tgt Ion:202 Resp: 144360

Ion Ratio Lower Upper

202 100

200 21.1 18.4 27.6

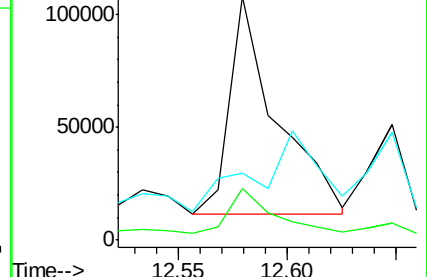
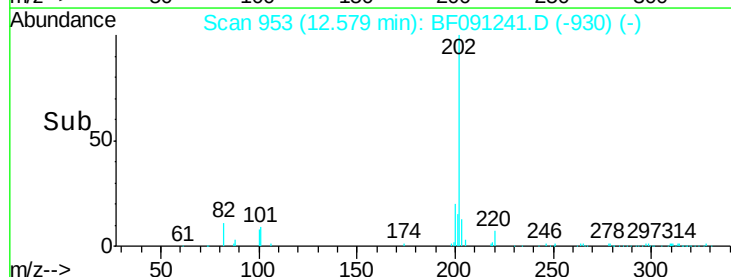
203 27.8 15.0 22.6#

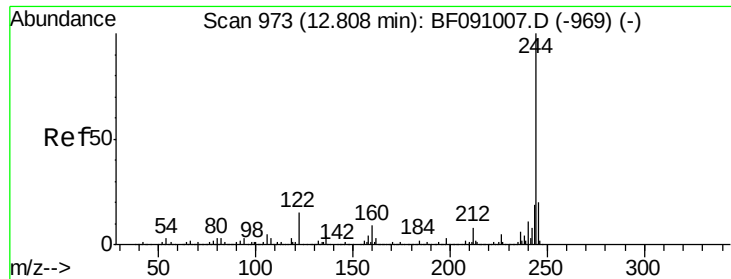


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.01 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

1051-410-NEWYORK

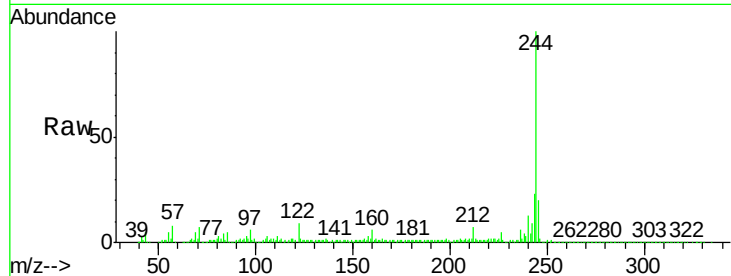
Tgt Ion:244 Resp: 1061955

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

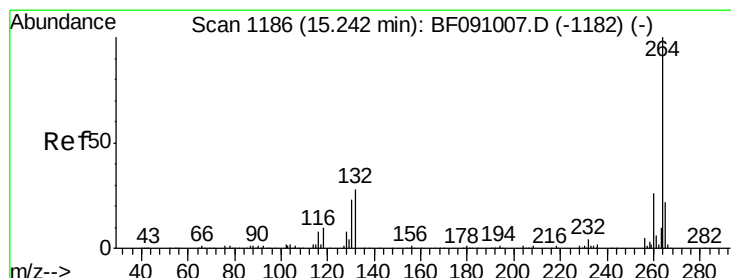
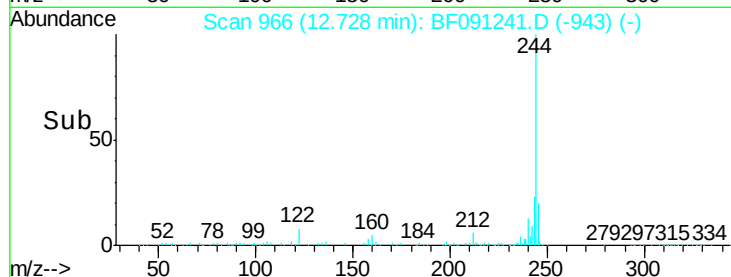
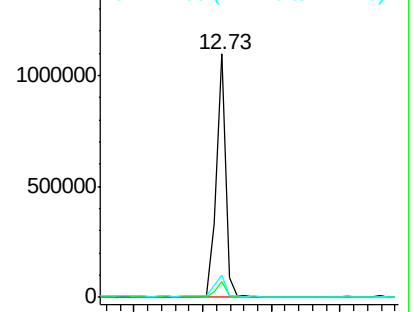
122 8.9 12.3 18.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1176

Delta R.T. -0.06 min

Lab File: BF091241.D

Acq: 18 Nov 2016 19:01

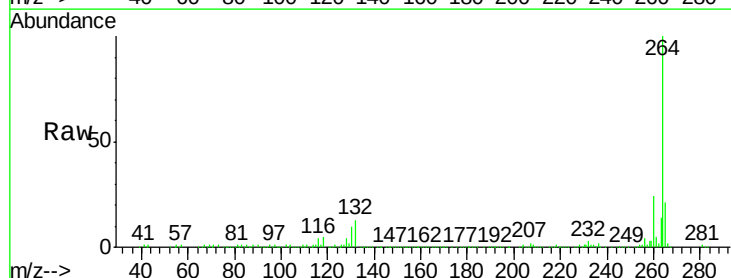
Tgt Ion:264 Resp: 359921

Ion Ratio Lower Upper

264 100

260 24.4 20.6 30.8

265 21.3 17.8 26.8



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

