

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094400.D
 Acq On : 13 Apr 2017 19:45
 Operator : SJ/MA
 Sample : I2671-06 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:48:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.05
21) Naphthalene-d8	10.86	136	1536	20.00	ng	0.01
38) Acenaphthene-d10	14.68	164	631	20.00	ng	0.02
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.39
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.64
86) Perylene-d12	0.00	264	0	0.00	ng	-24.82

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.26	82	1298	50.81	ng	0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.31	172	896	19.91	ng	0.03
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
22) Acetophenone	8.89	105	1879	53.20	ng	# 39
24) Nitrobenzene	9.26	77	1533	60.78	ng	# 1
25) Isophorone	9.79	82	10392	215.84	ng	# 1
26) 2-Nitrophenol	9.97	139	452	34.44	ng	# 1
27) 2,4-Dimethylphenol	10.00	122	538	24.97	ng	# 28
28) bis(2-Chloroethoxy)methane	10.27	93	3506	112.09	ng	# 1
29) 2,4-Dichlorophenol	10.49	162	673	30.89	ng	# 1
30) 1,2,4-Trichlorobenzene	10.74	180	3667	149.84	ng	# 1
31) Naphthalene	10.87	128	951	12.25	ng	# 1
32) Benzoic acid	10.16	122	1181	71.25	ng	# 4
33) 4-Chloroaniline	11.02	127	2939	93.04	ng	# 23
34) Hexachlorobutadiene	11.20	225	330	22.85	ng	# 1
35) Caprolactam	11.75	113	9428	1098.29	ng	# 1
36) 4-Chloro-3-methylphenol	12.12	107	3762	161.42	ng	# 63
37) 2-Methylnaphthalene	12.54	142	3493	61.40	ng	# 1
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	386	20.33	ng	# 1
40) Hexachlorocyclopentadiene	12.86	237	816	81.65	ng	# 4
42) 2,4,6-Trichlorophenol	13.10	196	259	20.84	ng	# 58
43) 2,4,5-Trichlorophenol	13.20	196	502	36.54	ng	# 1
45) 1,1'-Biphenyl	13.52	154	273	5.22	ng	# 1
46) 2-Chloronaphthalene	13.57	162	546	14.31	ng	# 1
47) 2-Nitroaniline	13.75	65	1272	117.19	ng	# 40
48) Acenaphthylene	14.34	152	532	8.00	ng	# 1
49) Dimethylphthalate	14.22	163	619	13.00	ng	# 38
50) 2,6-Dinitrotoluene	14.26	165	1635	147.09	ng	# 16
51) Acenaphthene	14.72	154	252	6.15	ng	# 1
52) 3-Nitroaniline	14.57	138	552	45.10	ng	# 13
53) 2,4-Dinitrophenol	14.80	184	333	51.64	ng	# 28
54) Dibenzofuran	15.08	168	124	2.15	ng	# 1
55) 4-Nitrophenol	14.92	139	548	54.68	ng	# 2
56) 2,4-Dinitrotoluene	15.04	165	183	11.71	ng	# 16
57) Fluorene	15.74	166	126	2.45	ng	# 17
59) Diethylphthalate	15.46	149	17779	365.22	ng	# 66
61) 4-Nitroaniline	15.74	138	143	11.05	ng	# 1

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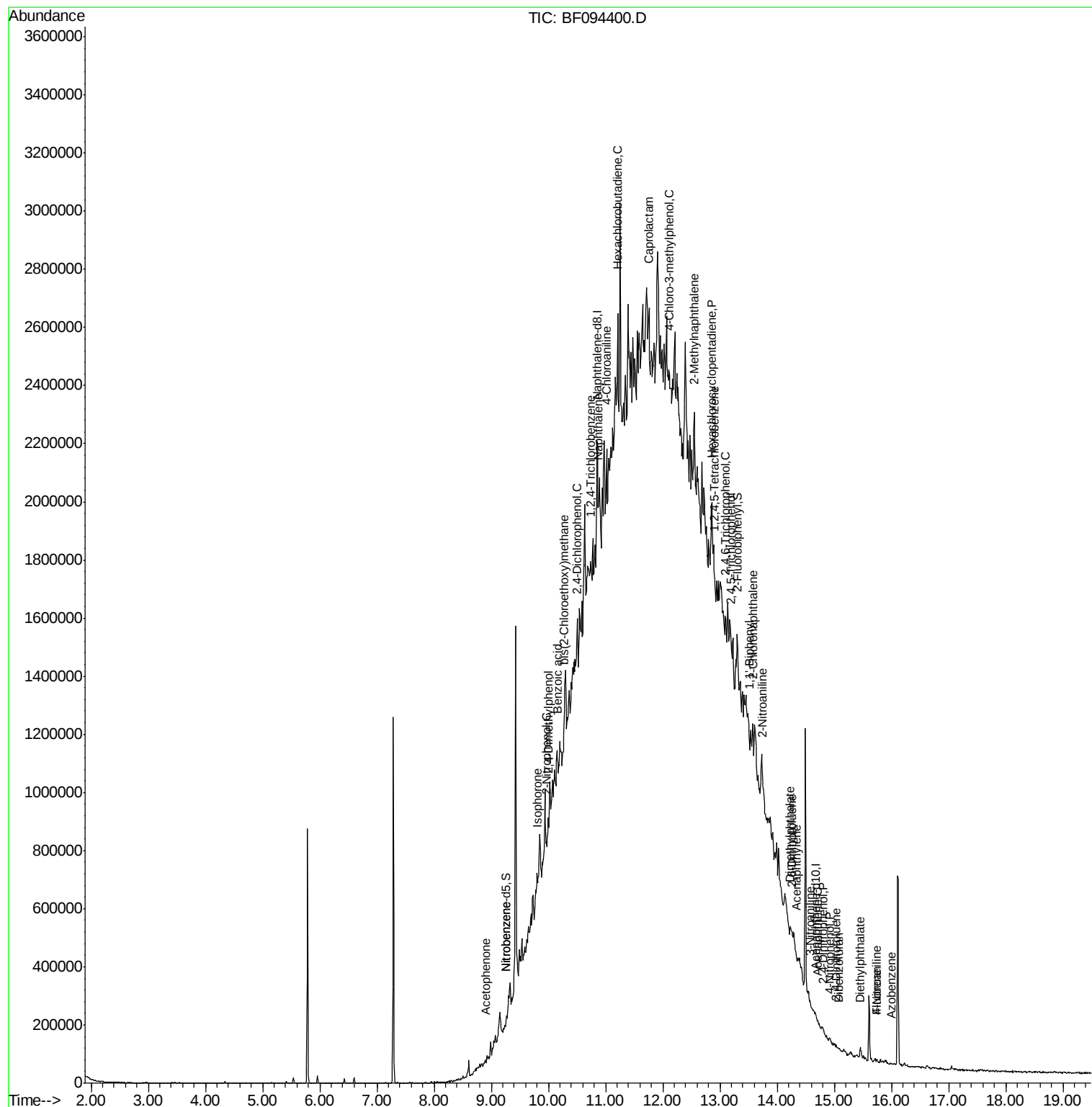
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	16.00	77	313	7.91	nq #	1

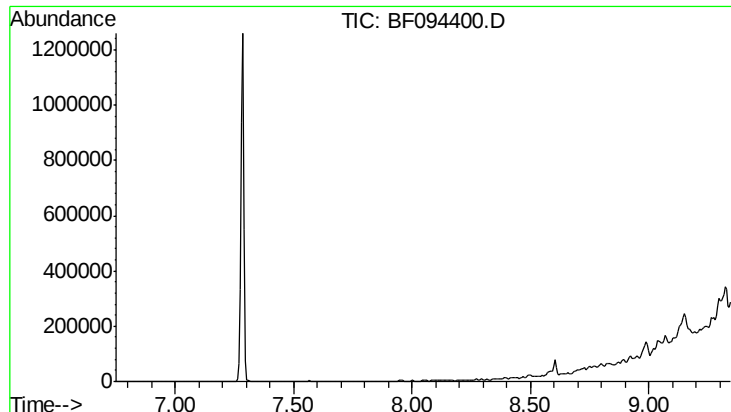
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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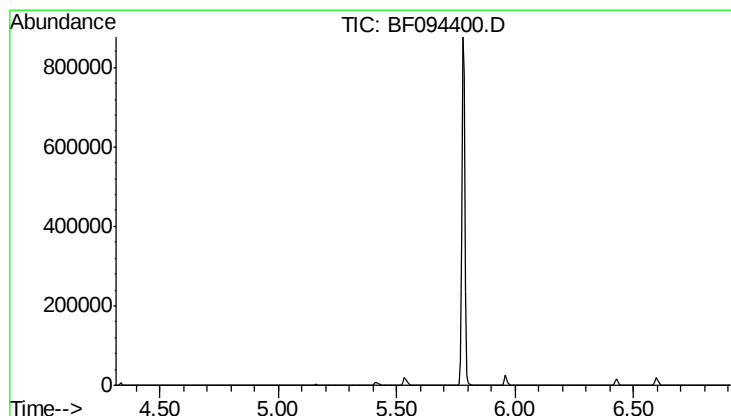
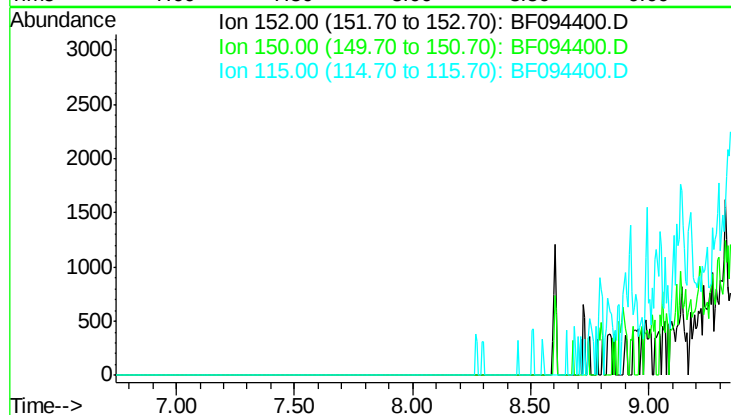




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 8.05 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

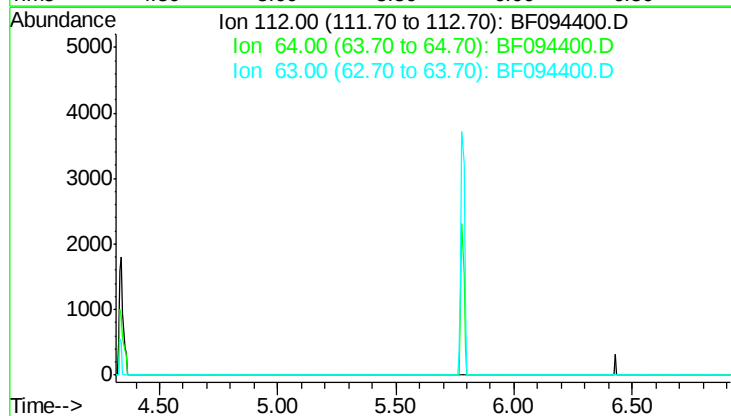
Instrument :
 BNA_F
 ClientSampleId :

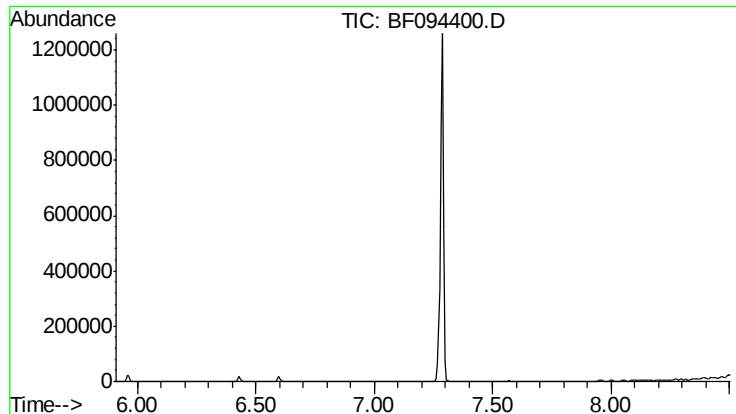
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 142.5
 115 60.1



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.61 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 77.2
 63 46.5

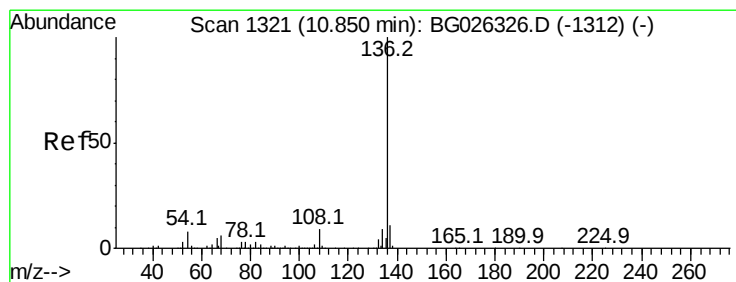
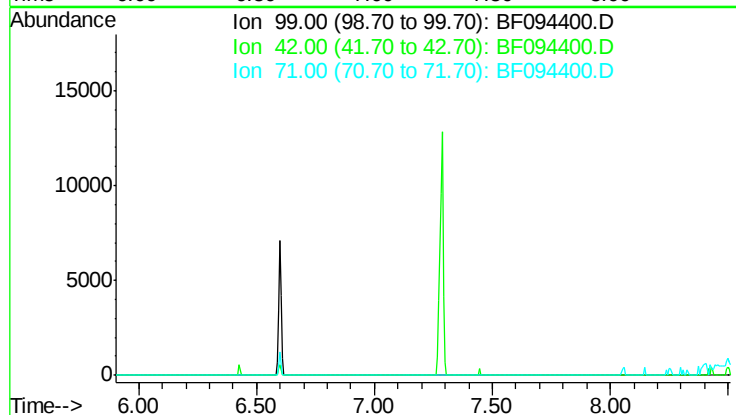




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.21 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

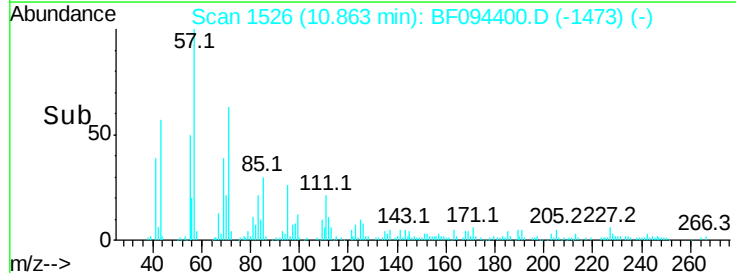
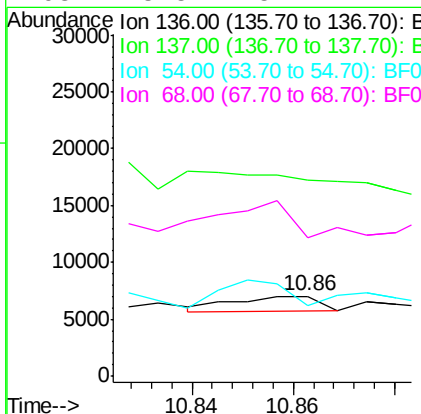
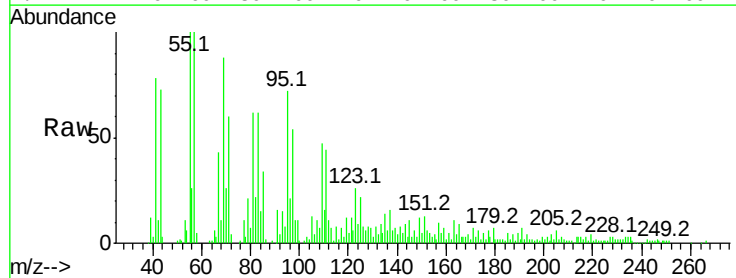
Instrument :
 BNA_F
 ClientSampleId :

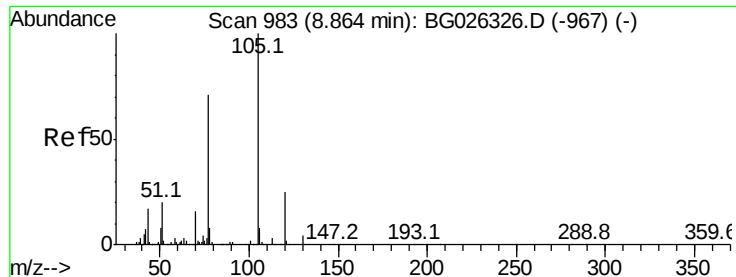
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 25.6
 71 47.0



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.86 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion: 136 Resp: 1536
 Ion Ratio Lower Upper
 136 100
 137 246.5 8.9 13.3#
 54 88.3 9.3 13.9#
 68 173.5 5.1 7.7#





#22

Acetophenone

Concen: 53.20 ng

RT: 8.89 min Scan# 1191

Delta R.T. 0.03 min

Lab File: BF094400.D

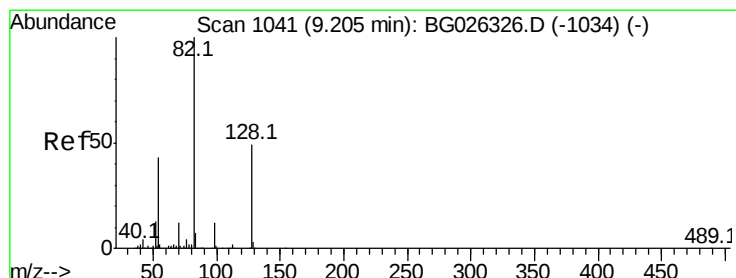
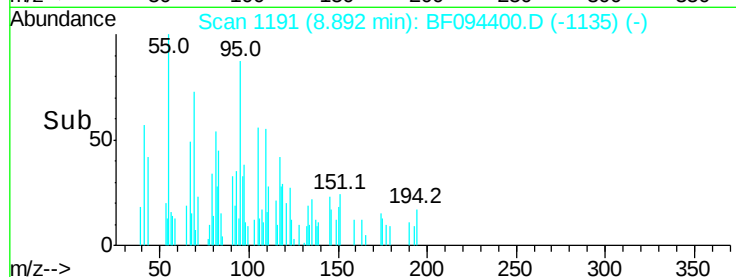
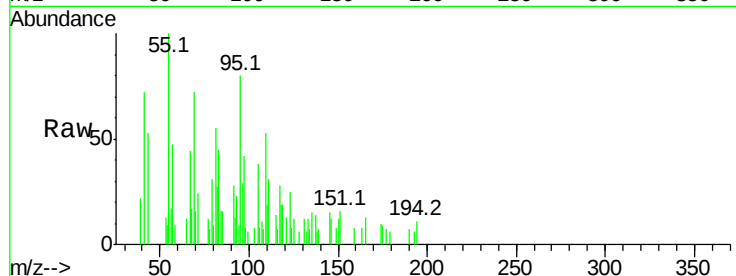
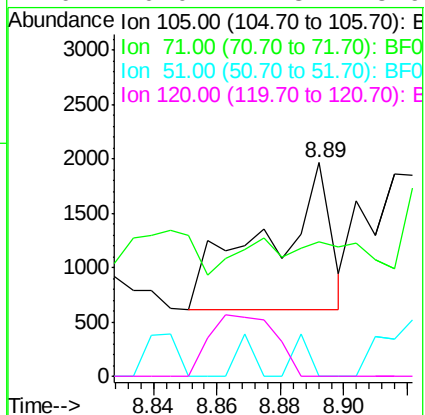
Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	1879
Ion	Ratio	Lower	Upper
105	100		
71	63.1	0.9	1.3#
51	0.0	34.0	51.0#
120	0.0	17.3	25.9#



#23

Nitrobenzene-d5

Concen: 50.81 ng

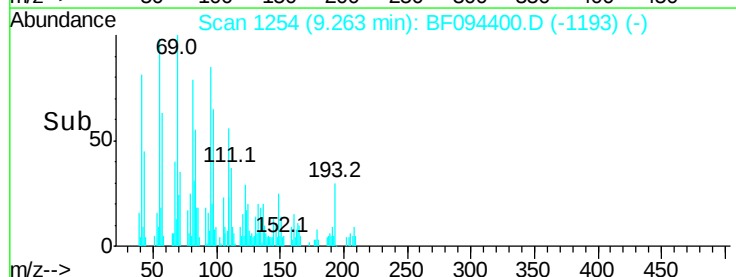
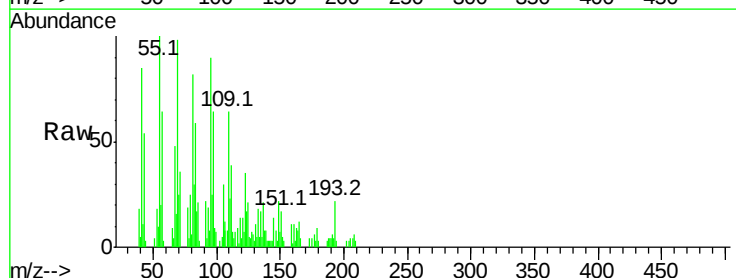
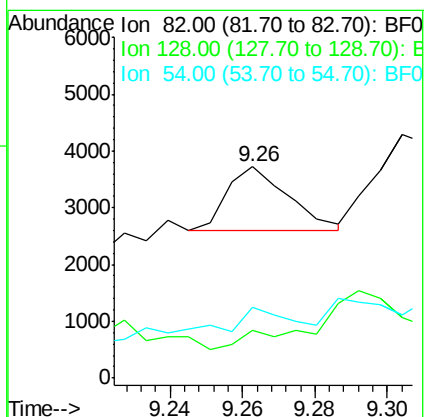
RT: 9.26 min Scan# 1254

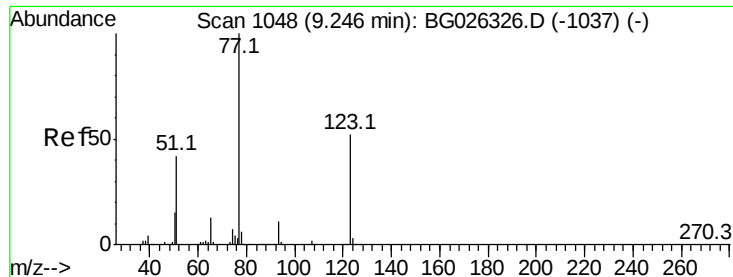
Delta R.T. 0.06 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Tgt Ion:	82	Resp:	1298
Ion	Ratio	Lower	Upper
82	100		
128	22.5	26.4	39.6#
54	33.2	49.4	74.2#

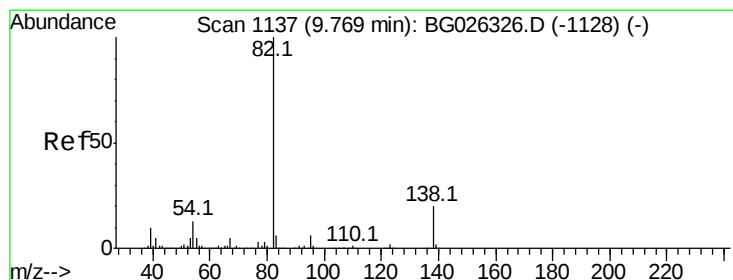
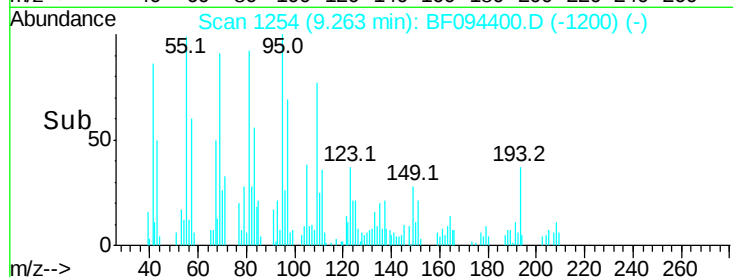
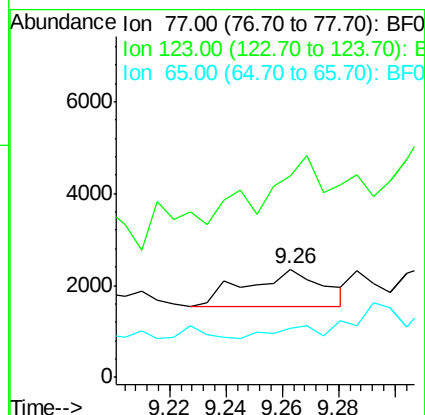
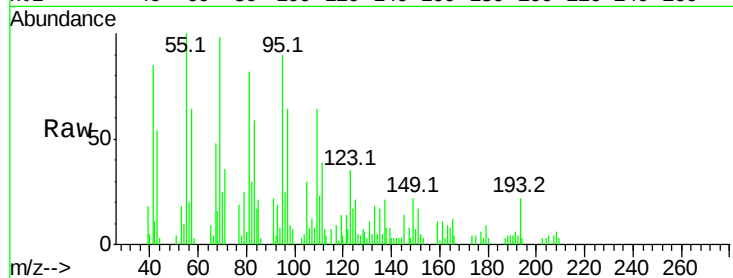




#24
 Nitrobenzene
 Concen: 60.78 ng
 RT: 9.26 min Scan# 1254
 Delta R.T. 0.02 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

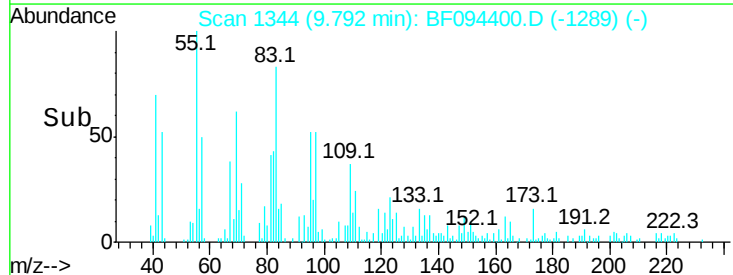
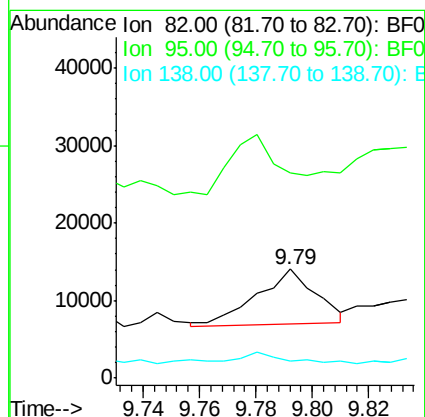
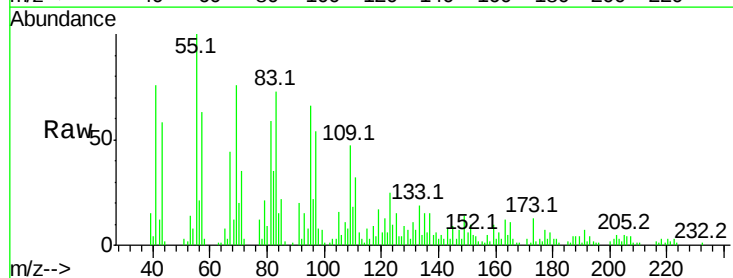
Instrument :
 BNA_F
 ClientSampled :

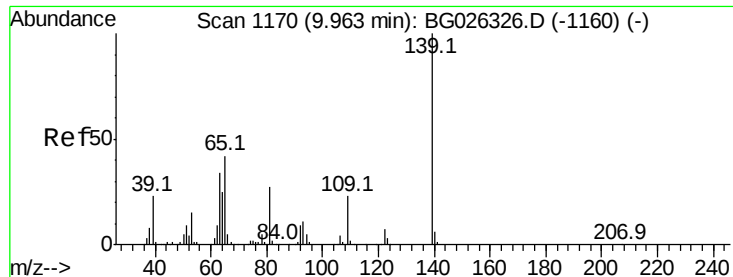
Tot Ion: 77 Resp: 1533
 Ion Ratio Lower Upper
 77 100
 123 185.6 26.1 39.1#
 65 45.5 12.4 18.6#



#25
 Isophorone
 Concen: 215.84 ng
 RT: 9.79 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion: 82 Resp: 10392
 Ion Ratio Lower Upper
 82 100
 95 188.3 7.5 11.3#
 138 15.1 12.3 18.5

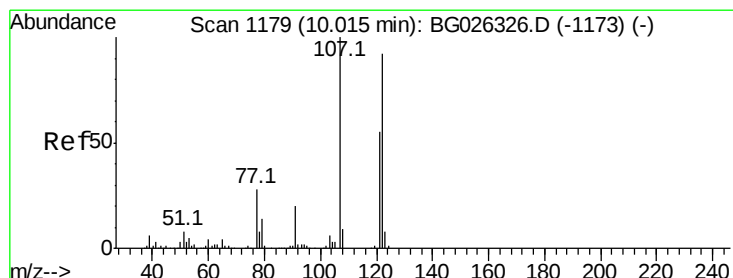
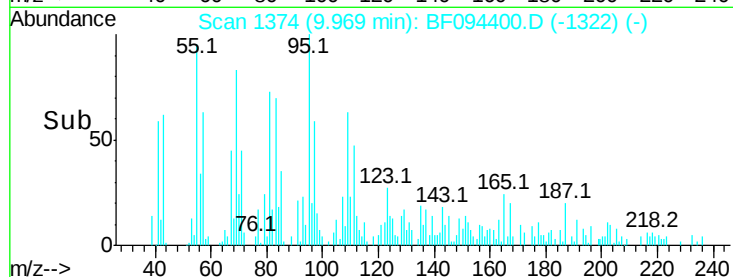
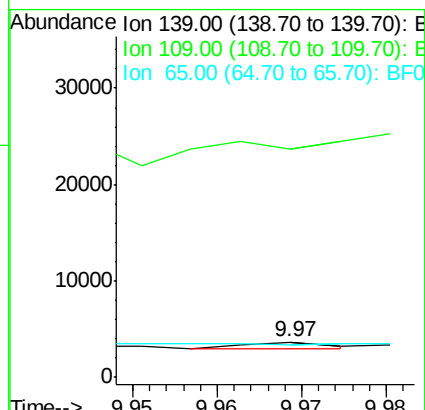
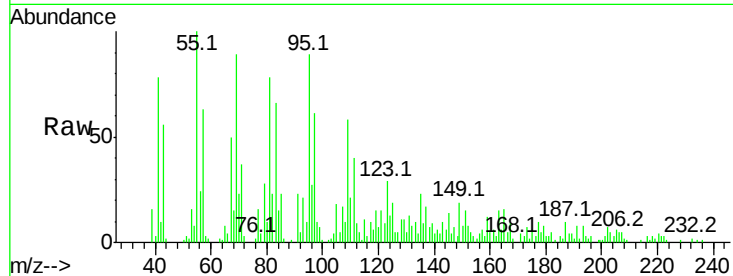




#26
2-Nitrophenol
Concen: 34.44 ng
RT: 9.97 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

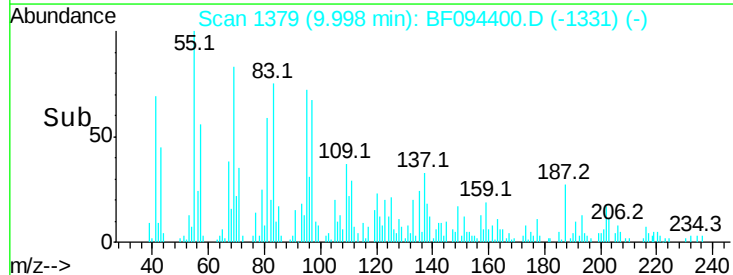
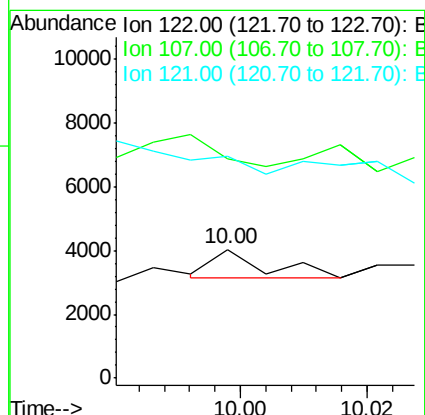
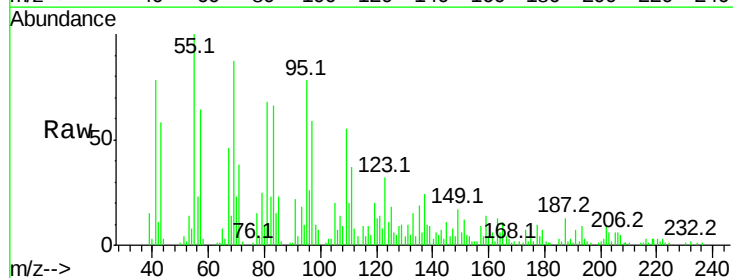
Instrument :
BNA_F
ClientSampleId :

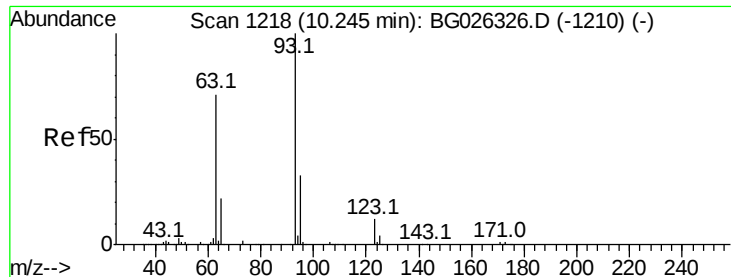
Tot Ion:139 Resp: 452
Ion Ratio Lower Upper
139 100
109 648.0 38.6 58.0#
65 93.8 57.1 85.7#



#27
2,4-Dimethylphenol
Concen: 24.97 ng
RT: 10.00 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Tgt Ion:122 Resp: 538
Ion Ratio Lower Upper
122 100
107 171.1 104.2 156.4#
121 172.4 46.0 69.0#

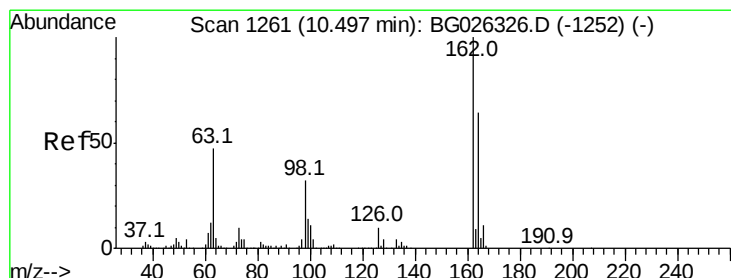
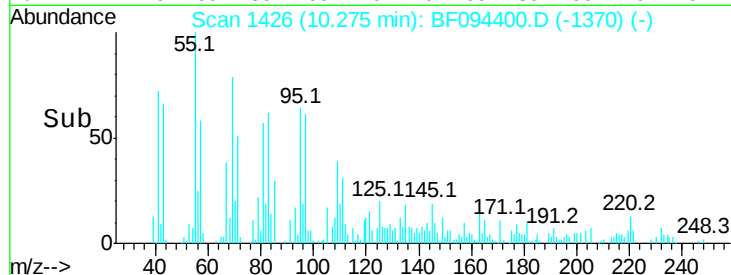
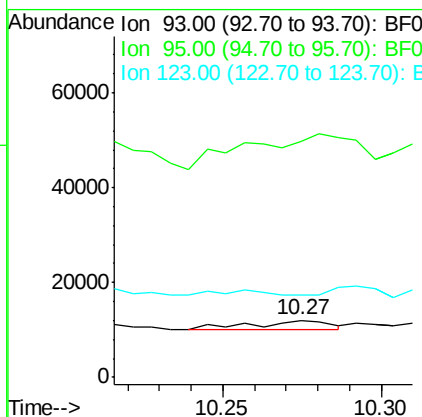
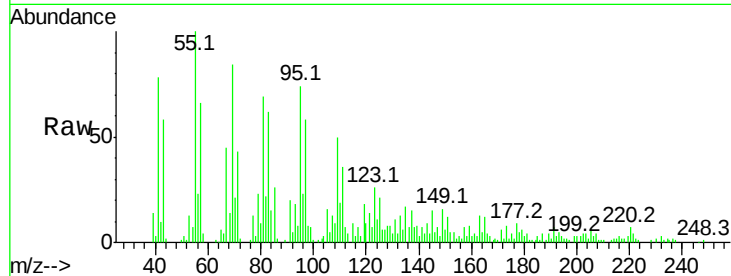




#28
bis(2-Chloroethoxy)methane
Concen: 112.09 ng
RT: 10.27 min Scan# 1426
Delta R.T. 0.03 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

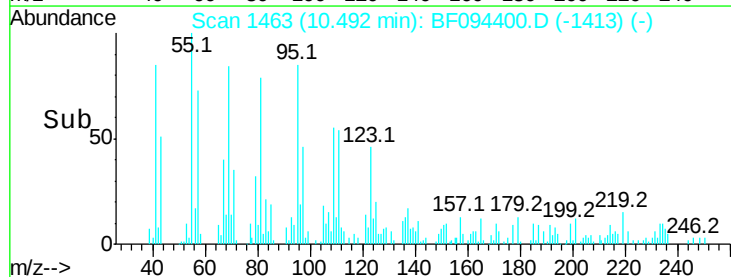
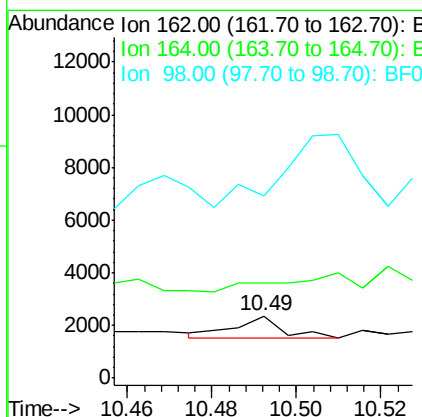
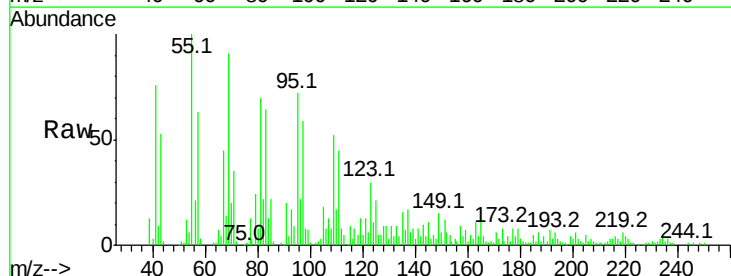
Instrument :
BNA_F
ClientSampleId :

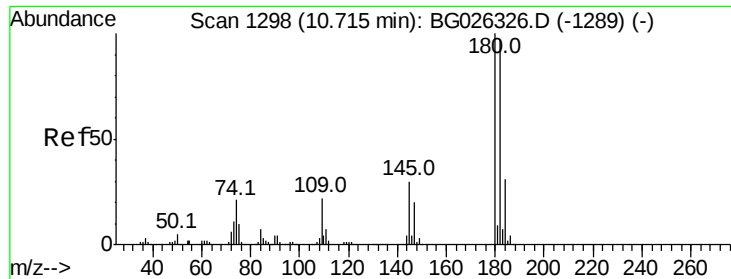
Tot Ion: 93 Resp: 3506
Ion Ratio Lower Upper
93 100
95 415.0 25.7 38.5#
123 146.2 8.3 12.5#



#29
2,4-Dichlorophenol
Concen: 30.89 ng
RT: 10.49 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Tgt Ion:162 Resp: 673
Ion Ratio Lower Upper
162 100
164 154.6 42.4 82.4#
98 293.9 20.3 60.3#

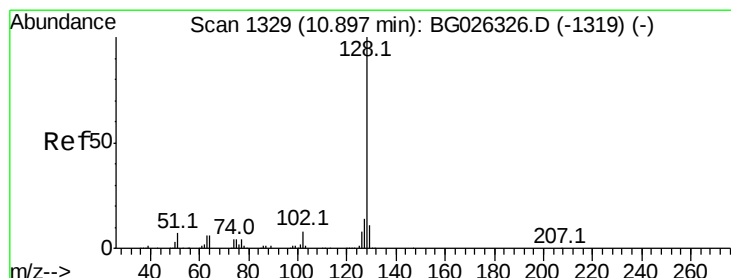
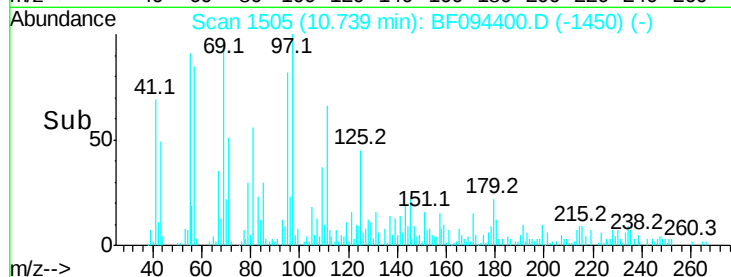
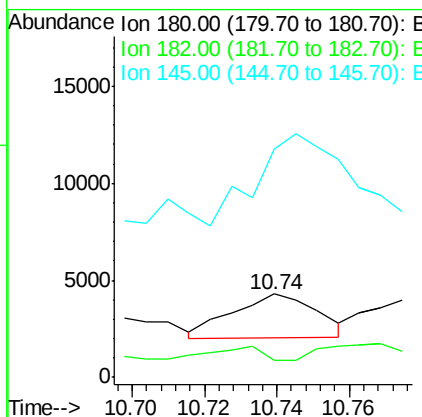
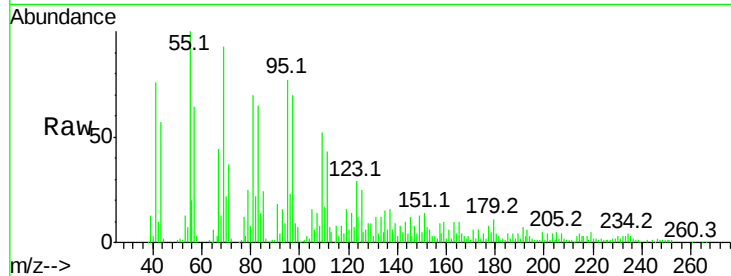




#30
 1,2,4-Trichlorobenzene
 Concen: 149.84 ng
 RT: 10.74 min Scan# 1505
 Delta R.T. 0.02 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

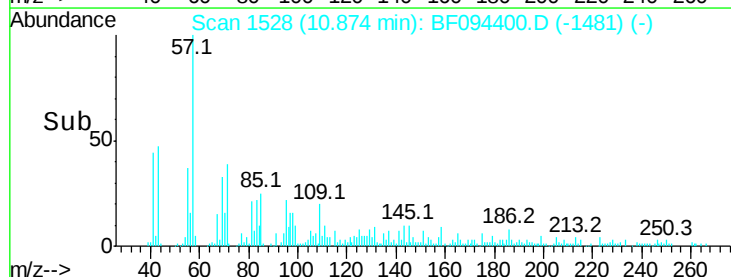
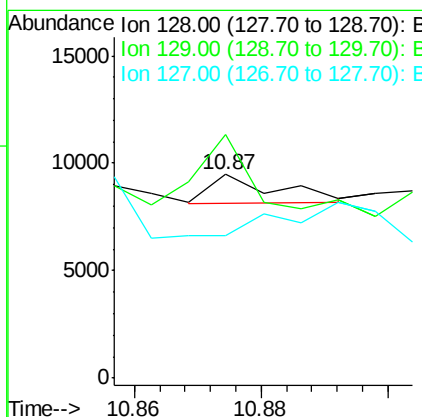
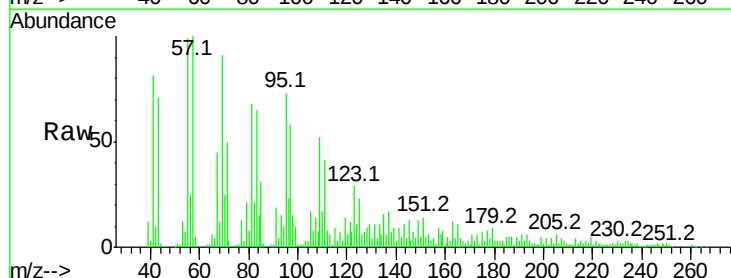
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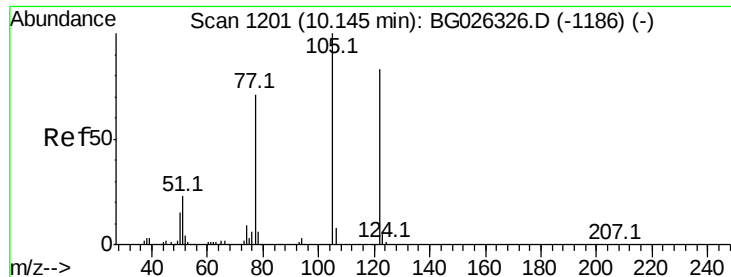
Tot Ion:180 Resp: 3667
 Ion Ratio Lower Upper
 180 100
 182 20.1 77.0 115.4#
 145 274.7 23.4 35.0#



#31
 Naphthalene
 Concen: 12.25 ng
 RT: 10.87 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion:128 Resp: 951
 Ion Ratio Lower Upper
 128 100
 129 119.7 9.3 13.9#
 127 70.2 11.4 17.0#

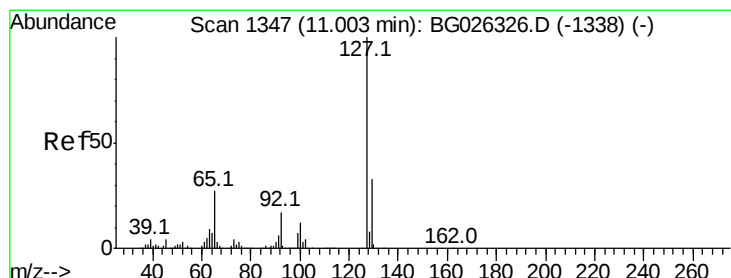
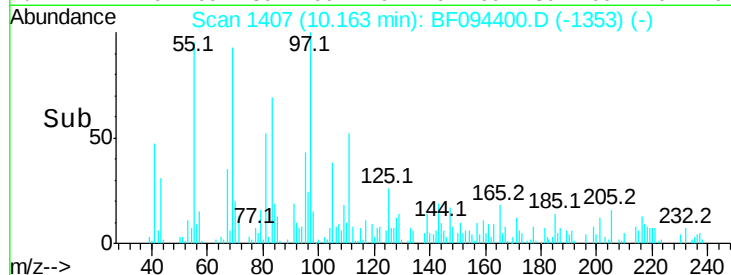
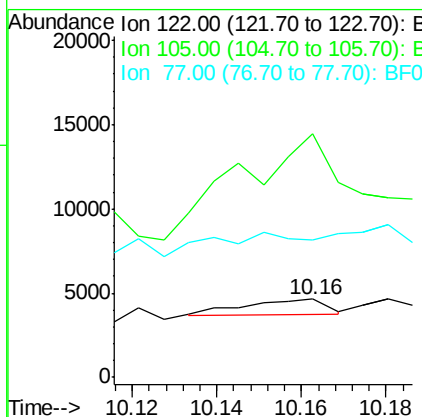
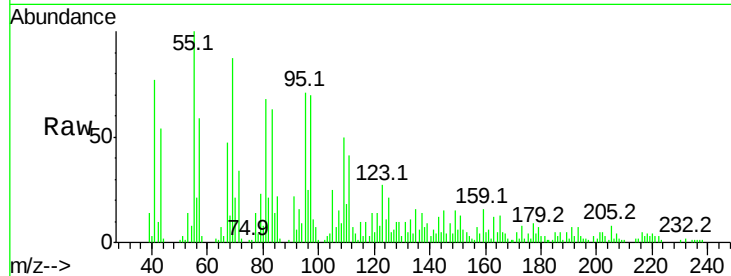




#32
Benzoic acid
Concen: 71.25 ng
RT: 10.16 min Scan# 1407
Delta R.T. 0.02 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

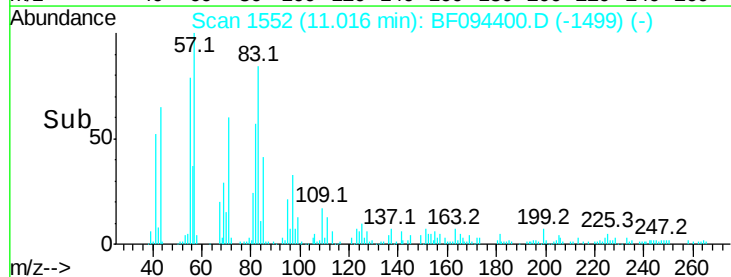
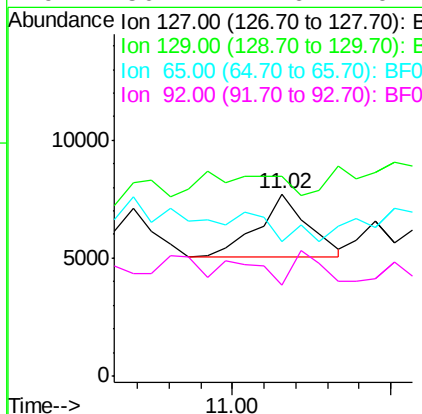
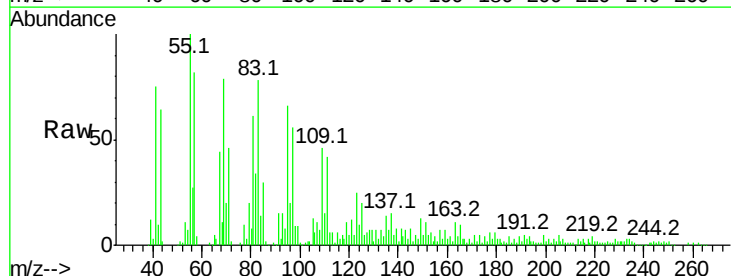
Instrument :
BNA_F
ClientSampleId :

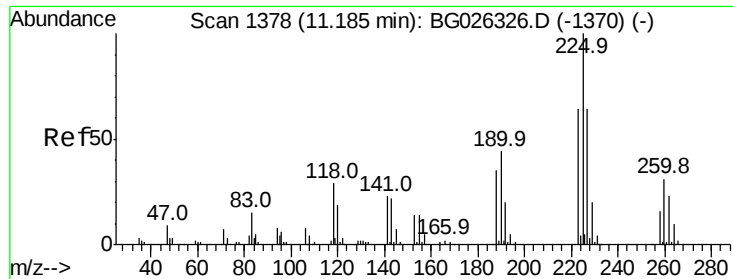
Tot Ion:122 Resp: 1181
Ion Ratio Lower Upper
122 100
105 311.4 120.1 160.1#
77 175.5 104.6 144.6#



#33
4-Chloroaniline
Concen: 93.04 ng
RT: 11.02 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Tgt Ion:127 Resp: 2939
Ion Ratio Lower Upper
127 100
129 109.9 23.6 35.4#
65 73.9 37.7 56.5#
92 50.1 17.6 26.4#





#34

Hexachlorobutadiene

Concen: 22.85 ng

RT: 11.20 min Scan# 1584

Delta R.T. 0.02 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

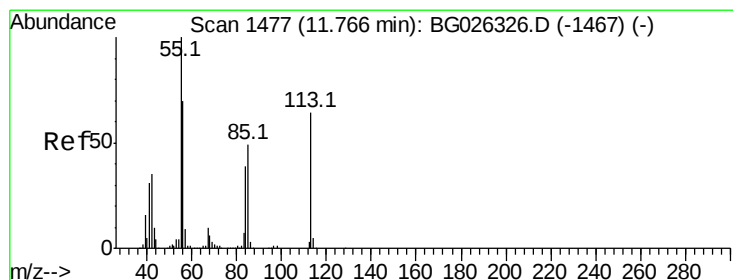
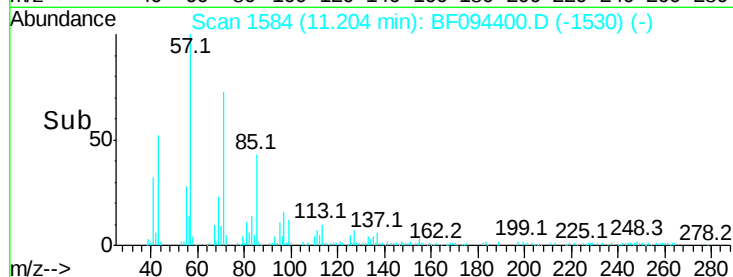
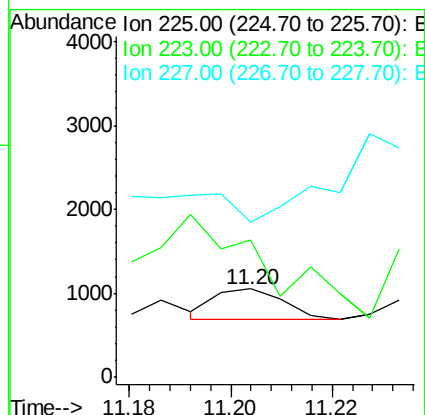
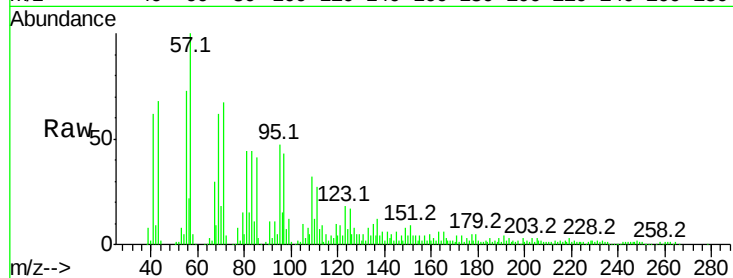
Tot Ion:225 Resp: 330

Ion Ratio Lower Upper

225 100

223 155.5 50.7 76.1#

227 175.5 49.0 73.6#



#35

Caprolactam

Concen: 1098.29 ng

RT: 11.75 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

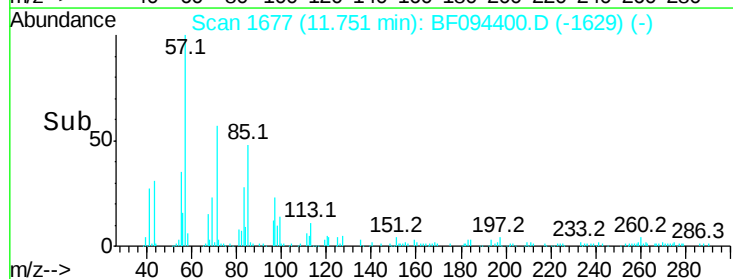
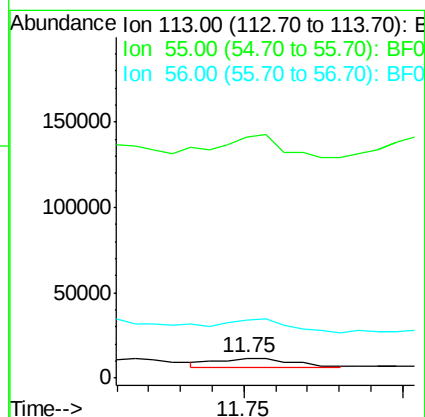
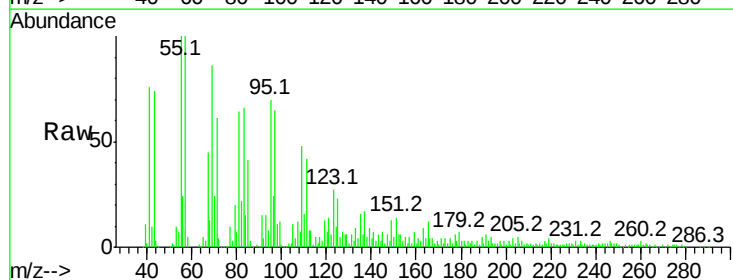
Tgt Ion:113 Resp: 9428

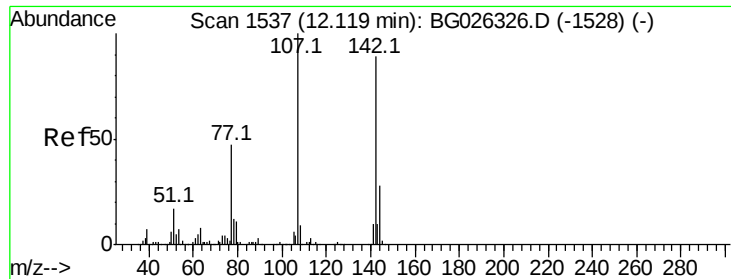
Ion Ratio Lower Upper

113 100

55 1196.8 198.6 238.6#

56 289.4 140.4 180.4#

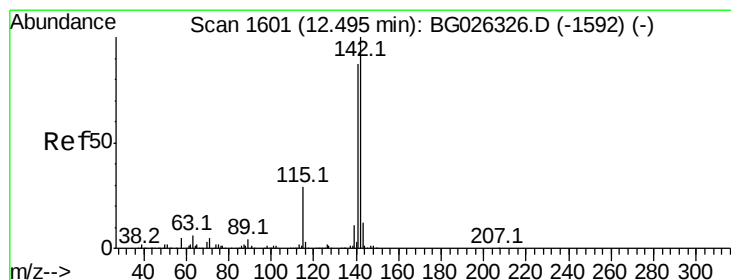
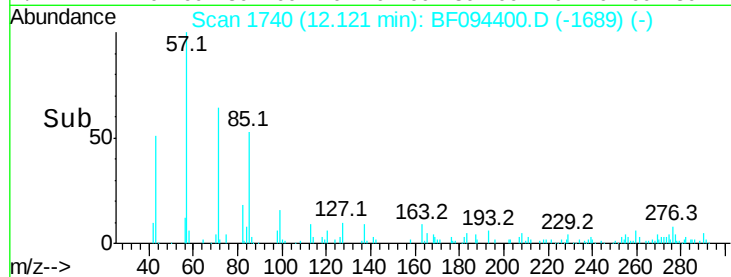
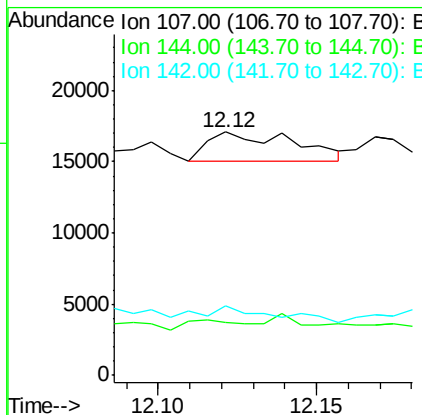
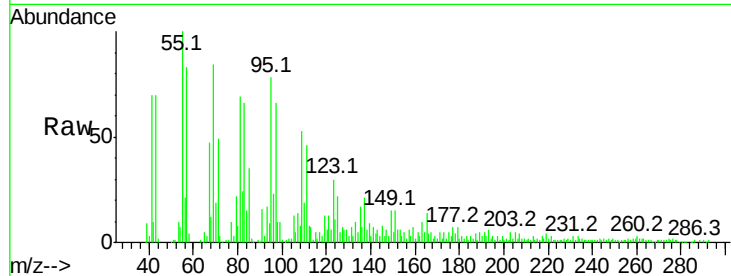




#36
4-Chloro-3-methylphenol
Concen: 161.42 ng
RT: 12.12 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

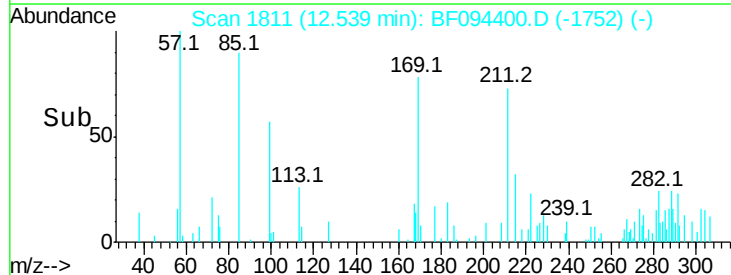
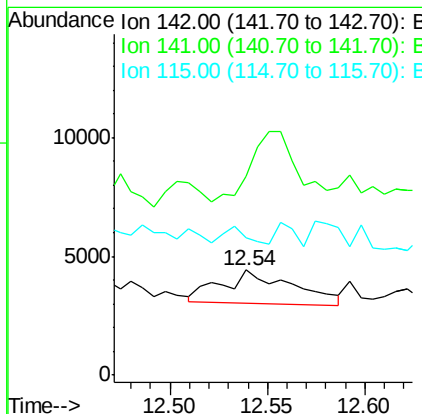
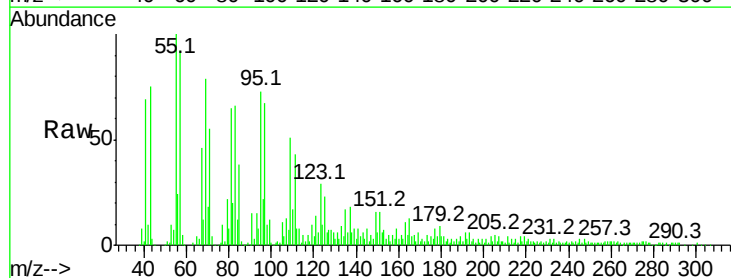
Instrument :
BNA_F
ClientSampleId :

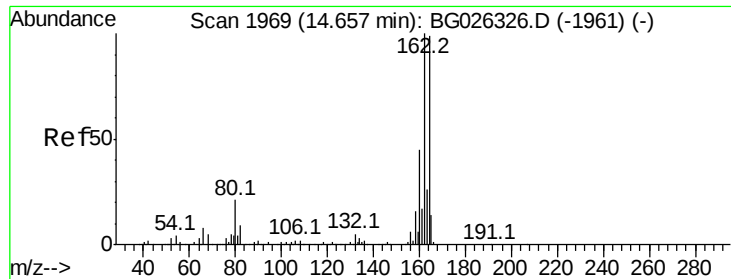
Tot Ion:107 Resp: 3762
Ion Ratio Lower Upper
107 100
144 21.5 17.4 26.0
142 28.6 54.1 81.1#



#37
2-Methylnaphthalene
Concen: 61.40 ng
RT: 12.54 min Scan# 1811
Delta R.T. 0.04 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Tgt Ion:142 Resp: 3493
Ion Ratio Lower Upper
142 100
141 189.5 70.4 105.6#
115 131.2 35.5 53.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2175

Delta R.T. 0.02 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

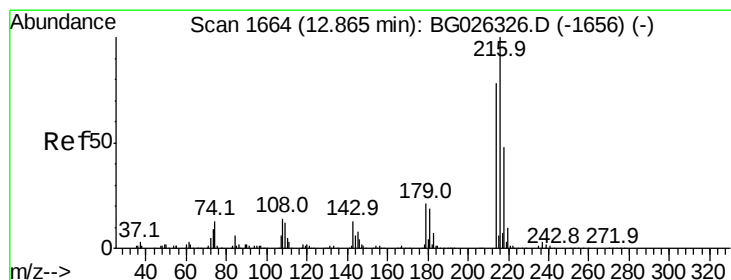
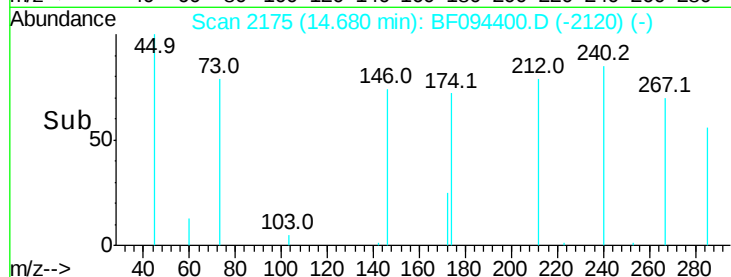
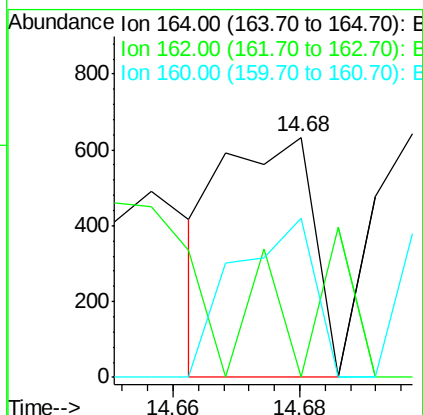
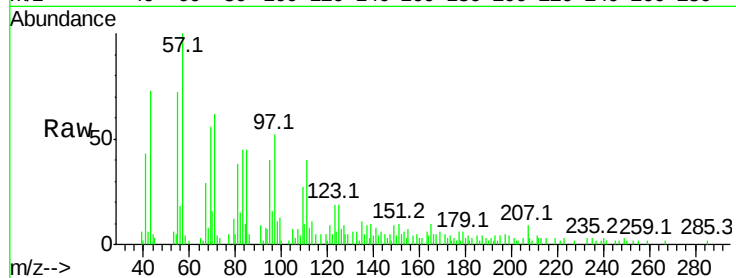
Tot Ion:164 Resp: 631

Ion Ratio Lower Upper

164 100

162 0.0 85.1 127.7#

160 66.1 34.7 52.1#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.33 ng

RT: 12.91 min Scan# 1874

Delta R.T. 0.04 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Tgt Ion:216 Resp: 386

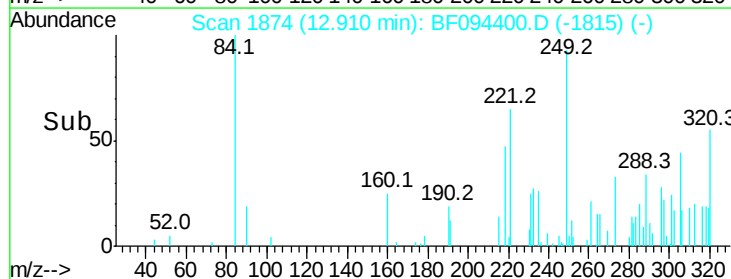
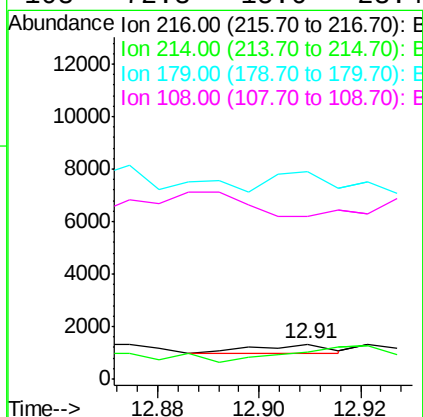
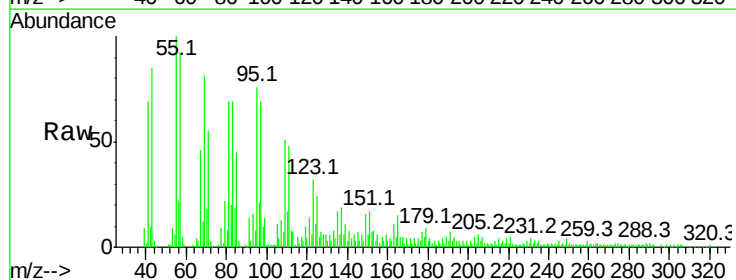
Ion Ratio Lower Upper

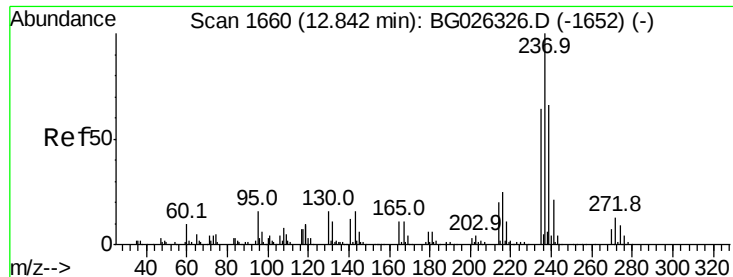
216 100

214 222.3 64.4 96.6#

179 200.5 17.4 26.0#

108 72.3 15.6 23.4#





#40

Hexachlorocyclopentadiene

Concen: 81.65 ng

RT: 12.86 min Scan# 1865

Delta R.T. 0.02 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

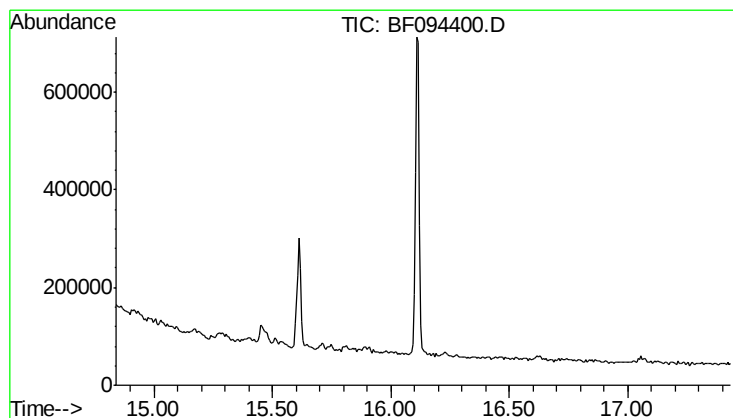
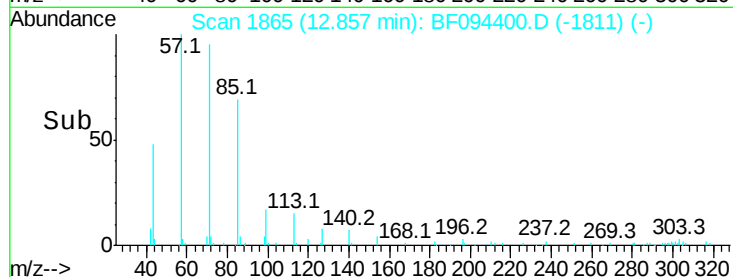
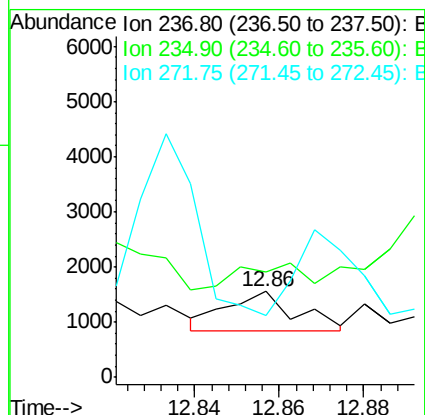
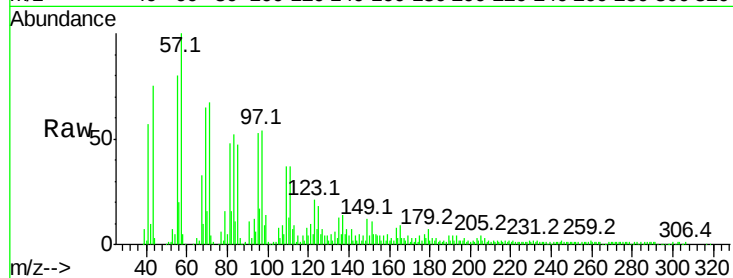
Tot Ion:237 Resp: 816

Ion Ratio Lower Upper

237 100

235 122.8 39.4 79.4#

272 71.8 0.0 32.0#



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.14 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

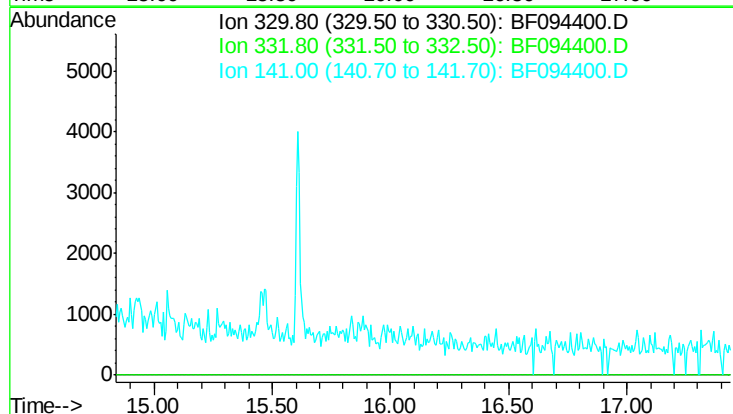
Tgt Ion: 330

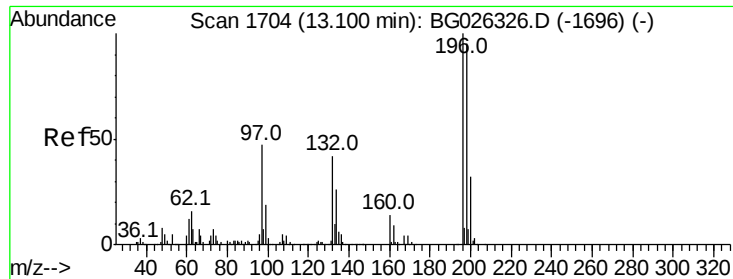
Sig Exp Ratio

330 100

332 96.6

141 40.1

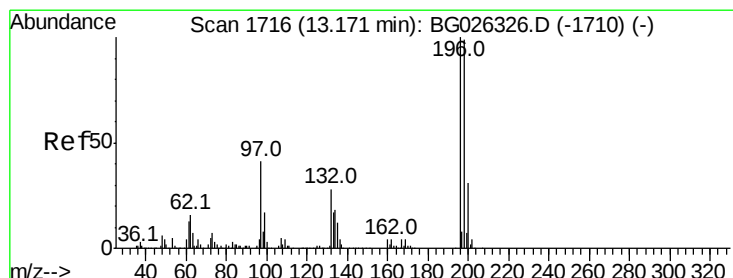
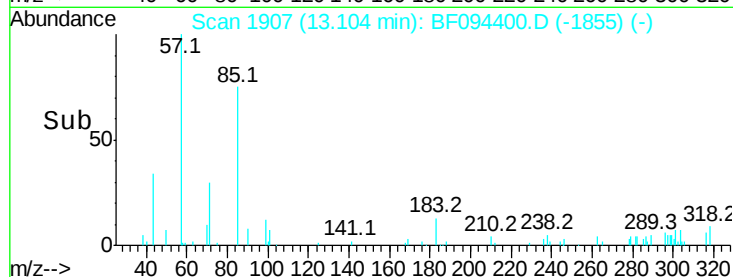
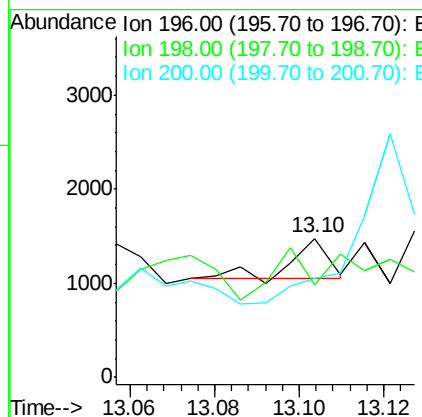
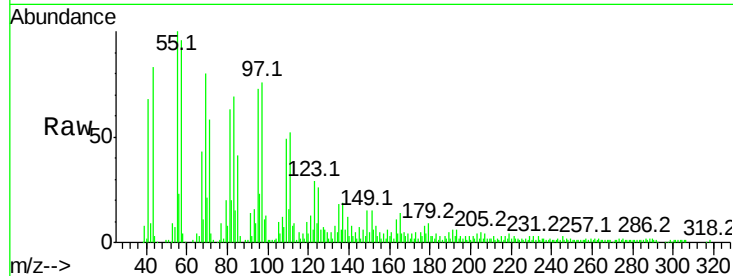




#42
 2,4,6-Trichlorophenol
 Concen: 20.84 ng
 RT: 13.10 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

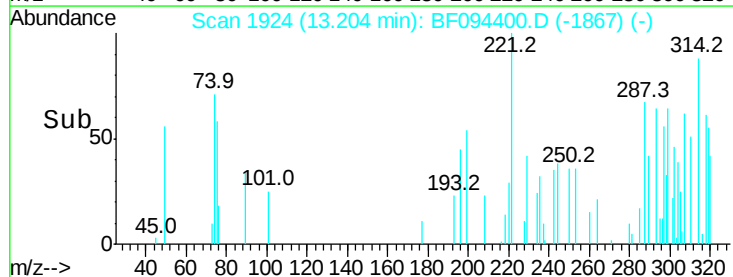
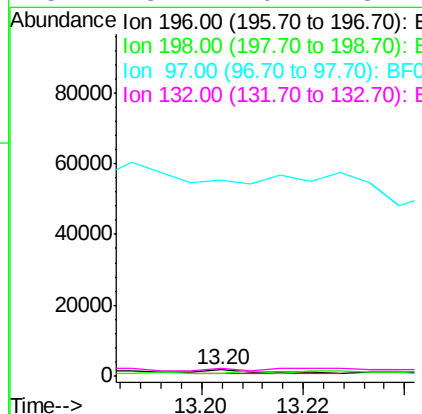
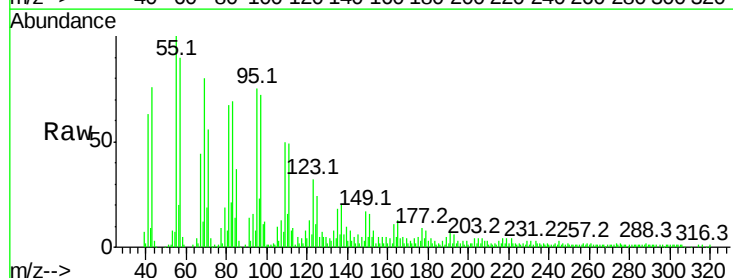
Instrument :
 BNA_F
 ClientSampled :

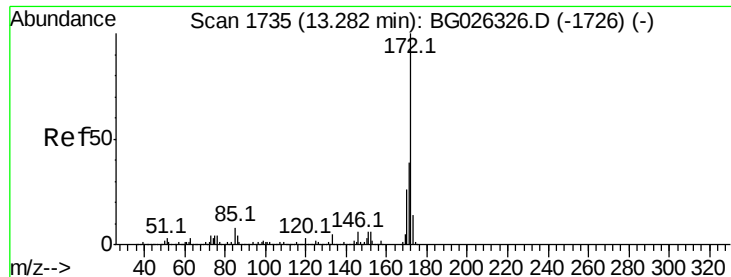
Tot Ion:196 Resp: 259
 Ion Ratio Lower Upper
 196 100
 198 66.8 81.4 122.2#
 200 71.1 27.0 40.6#



#43
 2,4,5-Trichlorophenol
 Concen: 36.54 ng
 RT: 13.20 min Scan# 1924
 Delta R.T. 0.03 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion:196 Resp: 502
 Ion Ratio Lower Upper
 196 100
 198 50.3 79.9 119.9#
 97 3294.1 45.4 68.0#
 132 125.7 20.7 31.1#

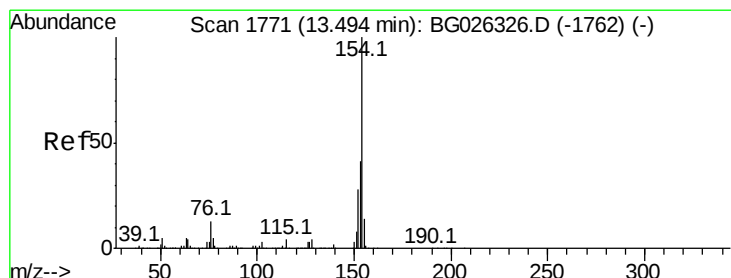
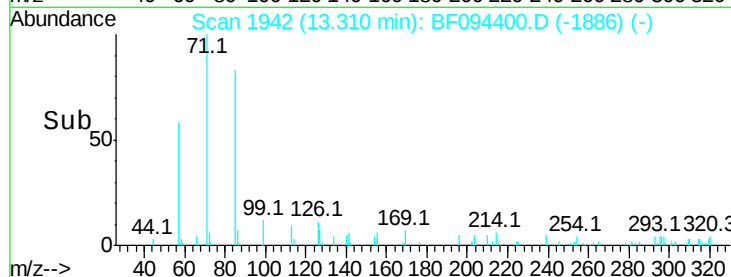
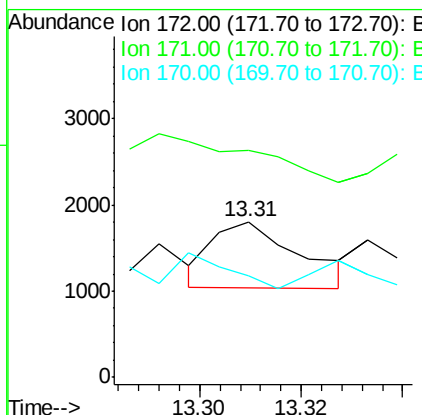
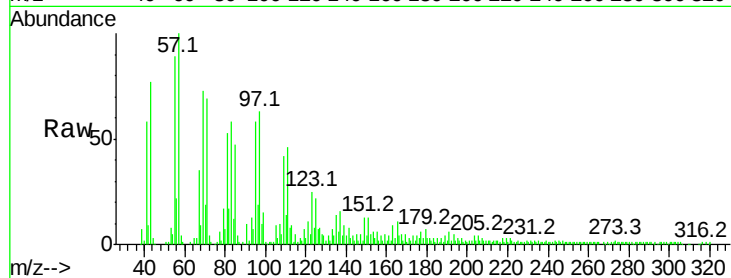




#44
2-Fluorobiphenyl
Concen: 19.91 ng
RT: 13.31 min Scan# 1942
Delta R.T. 0.03 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

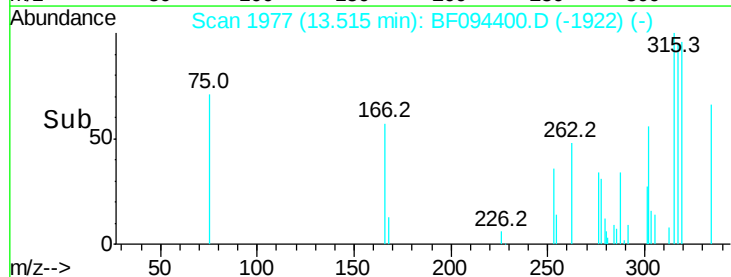
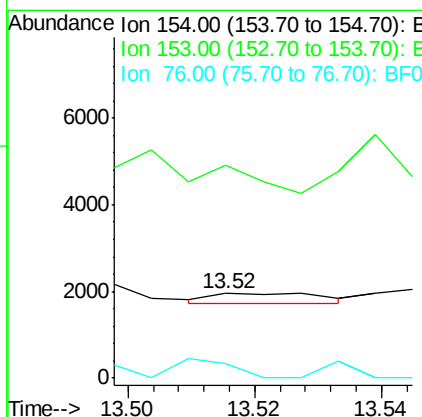
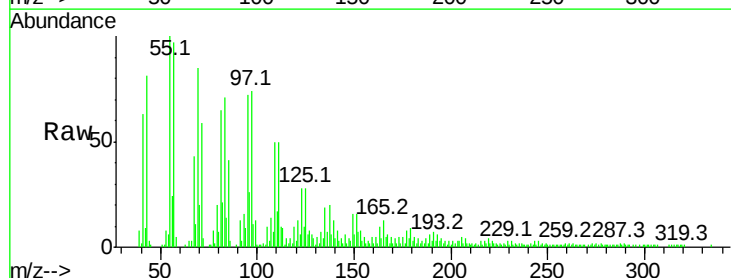
Instrument :
BNA_F
ClientSampleId :

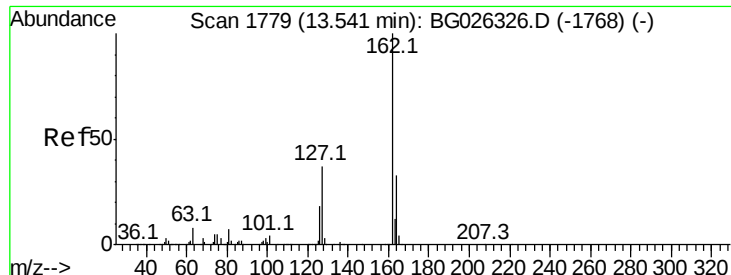
Tot Ion:172 Resp: 896
Ion Ratio Lower Upper
172 100
171 145.7 32.2 48.2#
170 65.3 21.8 32.6#



#45
1,1'-Biphenyl
Concen: 5.22 ng
RT: 13.52 min Scan# 1977
Delta R.T. 0.02 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Tgt Ion:154 Resp: 273
Ion Ratio Lower Upper
154 100
153 251.1 23.0 63.0#
76 17.5 0.0 33.5

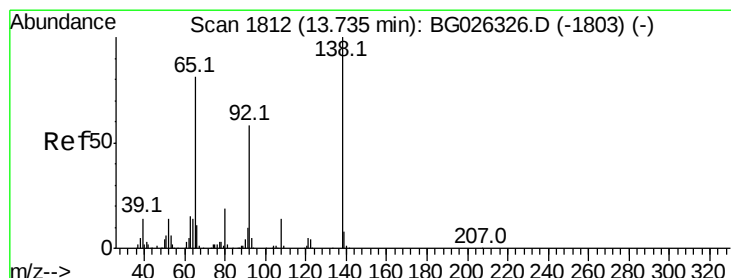
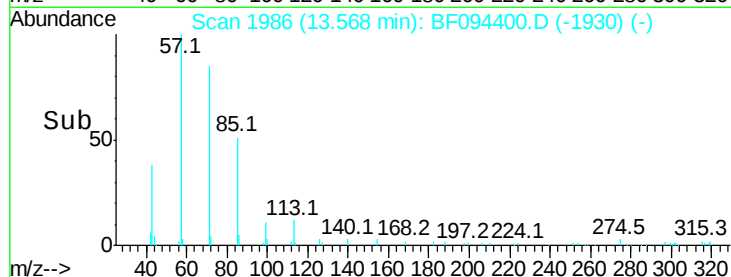
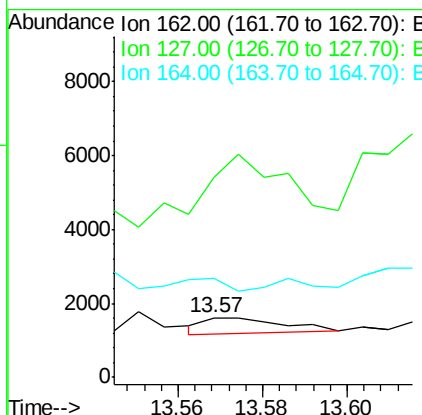
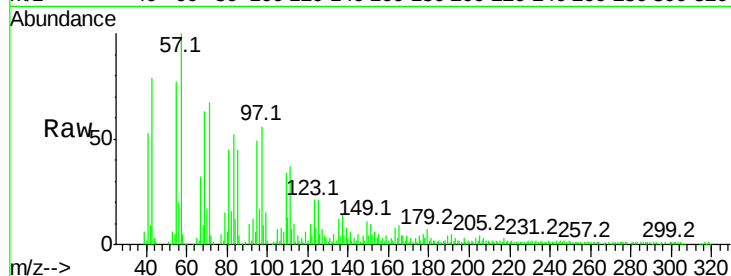




#46
2-Chloronaphthalene
Concen: 14.31 ng
RT: 13.57 min Scan# 1986
Delta R.T. 0.03 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

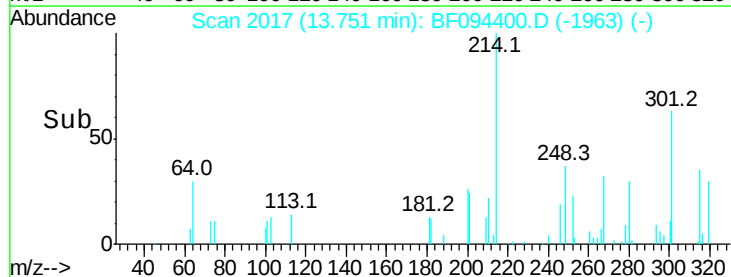
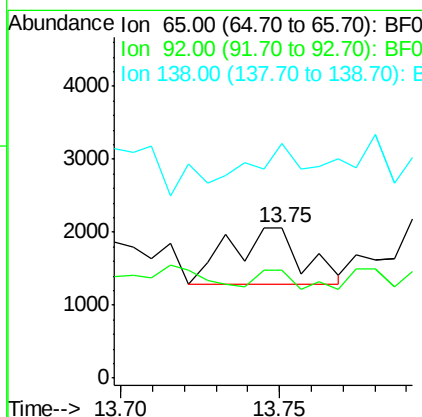
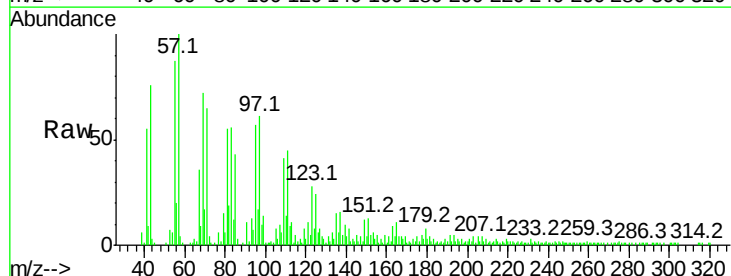
Instrument :
BNA_F
ClientSampleId :

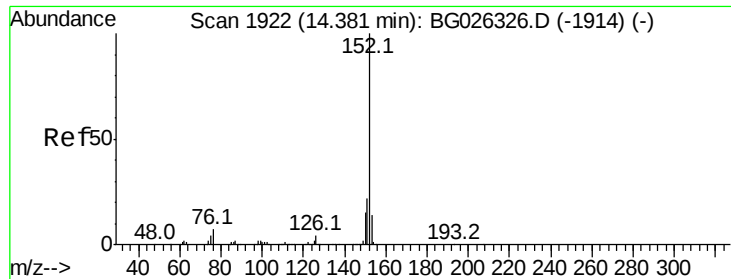
Tot Ion:162 Resp: 546
Ion Ratio Lower Upper
162 100
127 336.1 32.2 48.4#
164 166.7 27.3 40.9#



#47
2-Nitroaniline
Concen: 117.19 ng
RT: 13.75 min Scan# 2017
Delta R.T. 0.02 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Tgt Ion: 65 Resp: 1272
Ion Ratio Lower Upper
65 100
92 71.3 49.0 73.4
138 155.9 58.6 87.8#





#48

Acenaphthylene

Concen: 8.00 ng

RT: 14.34 min Scan# 2118

Delta R.T. -0.04 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

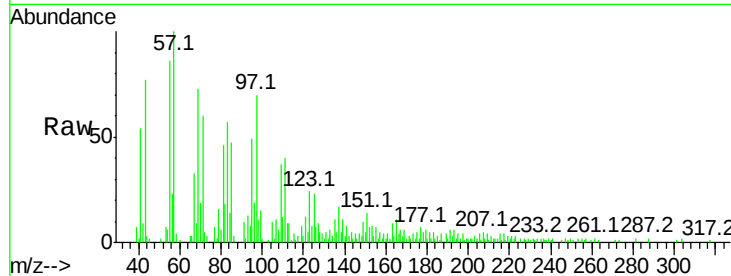
Tot Ion:152 Resp: 532

Ion Ratio Lower Upper

152 100

151 186.5 18.2 27.2#

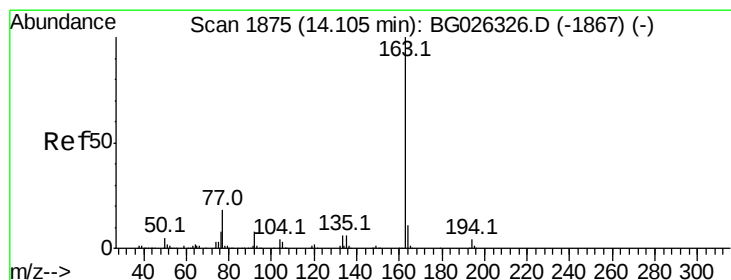
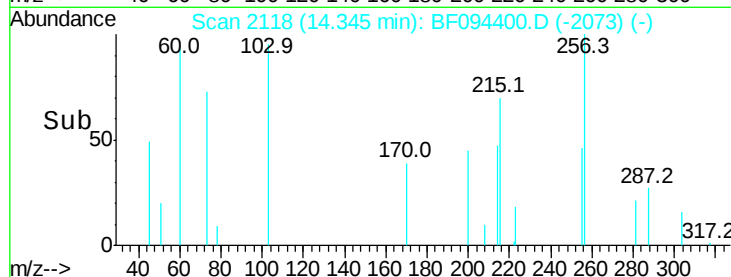
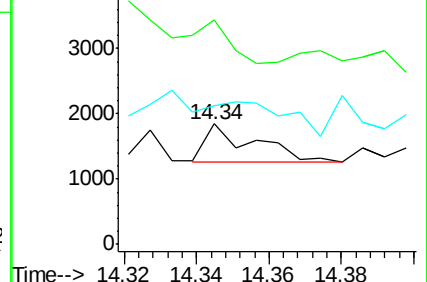
153 115.2 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 13.00 ng

RT: 14.22 min Scan# 2097

Delta R.T. 0.12 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

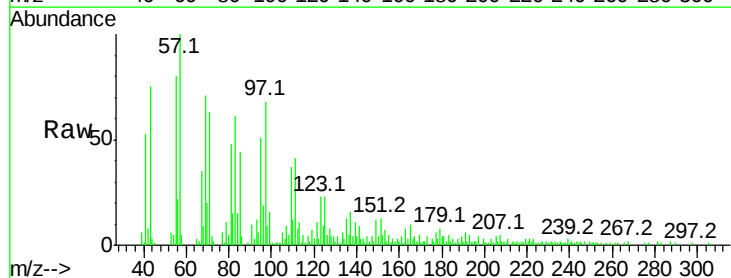
Tgt Ion:163 Resp: 619

Ion Ratio Lower Upper

163 100

194 24.0 3.8 5.6#

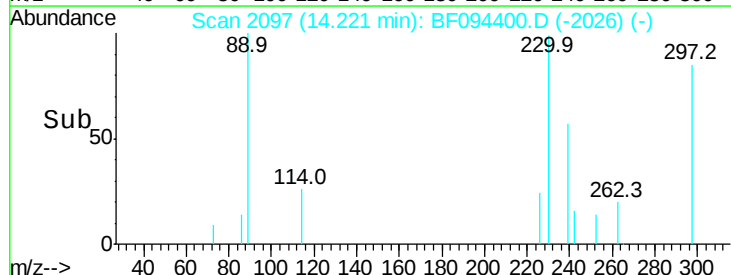
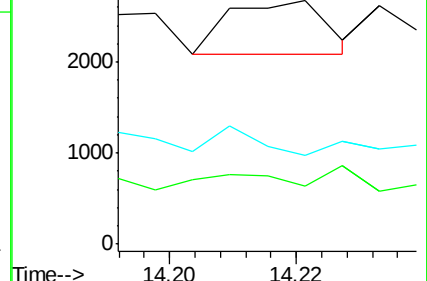
164 36.3 9.3 13.9#

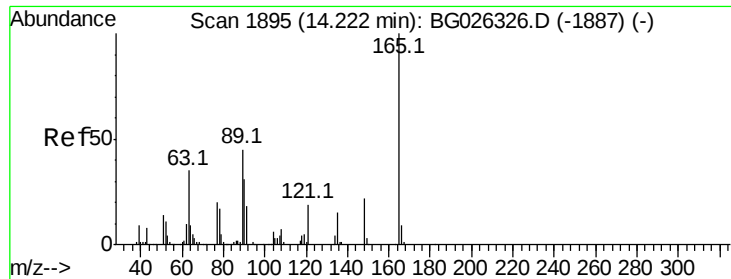


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

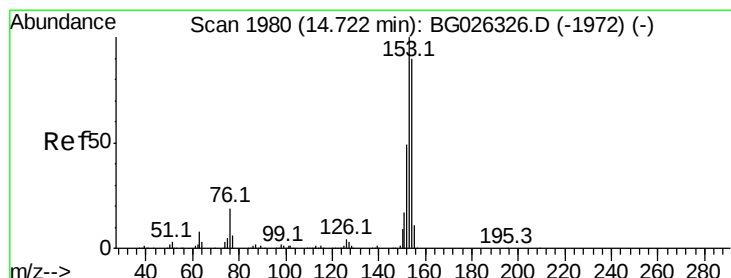
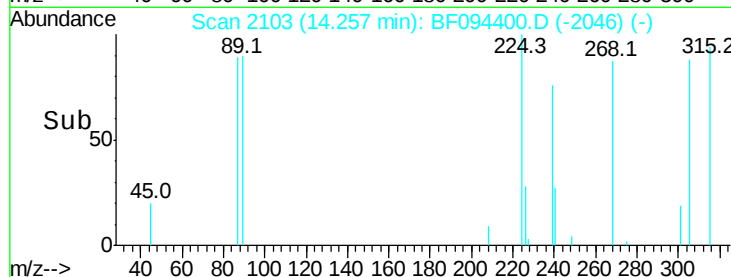
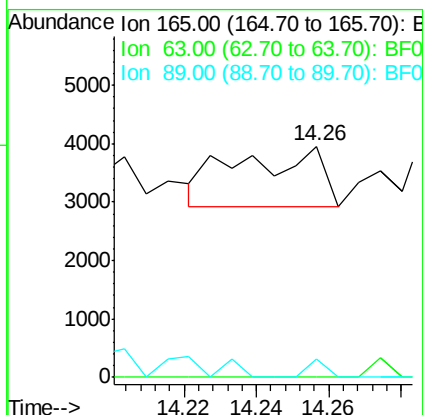
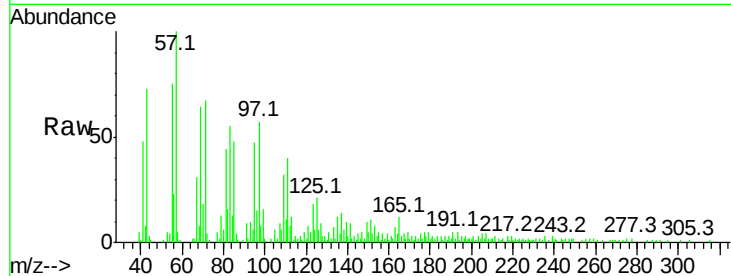




#50
 2,6-Dinitrotoluene
 Concen: 147.09 ng
 RT: 14.26 min Scan# 2103
 Delta R.T. 0.03 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

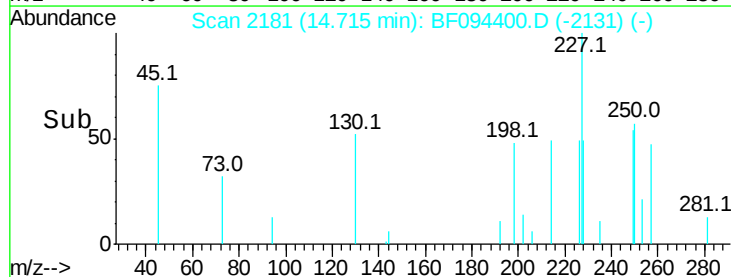
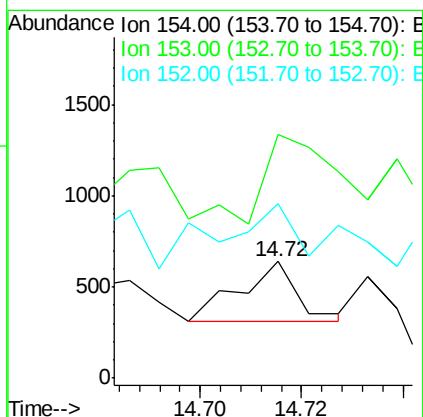
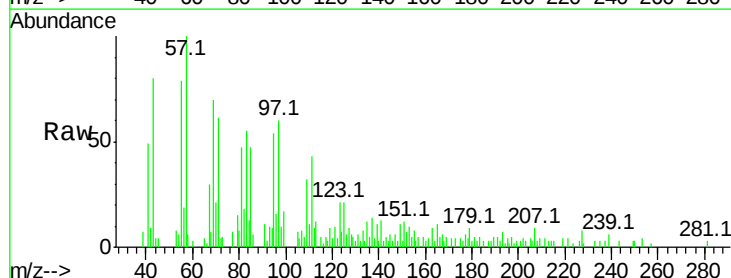
Instrument :
 BNA_F
 ClientSampled :

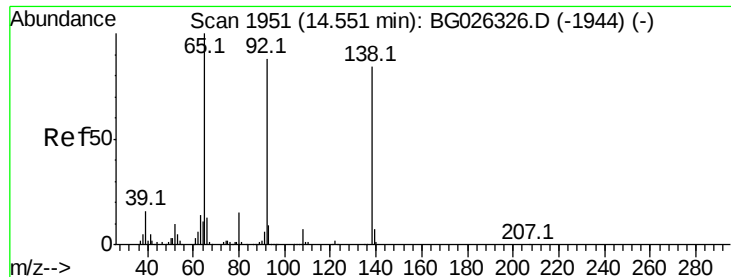
Tot Ion:165 Resp: 1635
 Ion Ratio Lower Upper
 165 100
 63 0.0 63.9 95.9#
 89 8.0 58.6 88.0#



#51
 Acenaphthene
 Concen: 6.15 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion:154 Resp: 252
 Ion Ratio Lower Upper
 154 100
 153 209.2 87.8 131.6#
 152 149.7 42.2 63.4#





#52

3-Nitroaniline

Concen: 45.10 ng

RT: 14.57 min Scan# 2157

Delta R.T. 0.02 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

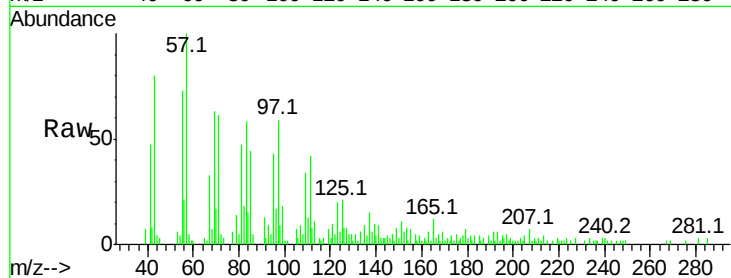
Tot Ion:138 Resp: 552

Ion Ratio Lower Upper

138 100

108 81.8 10.9 16.3#

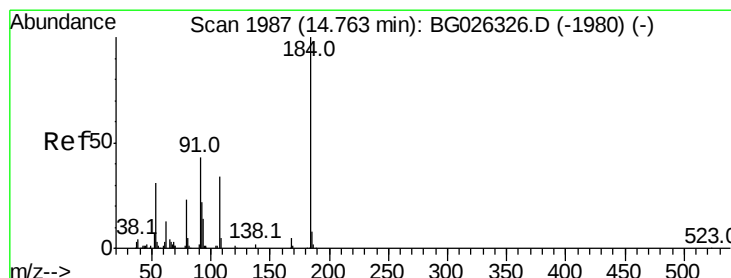
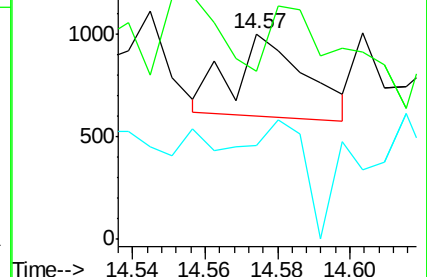
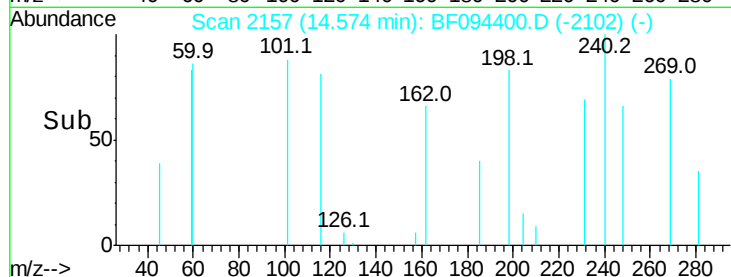
92 45.5 115.3 172.9#



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: 51.64 ng

RT: 14.80 min Scan# 2195

Delta R.T. 0.03 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

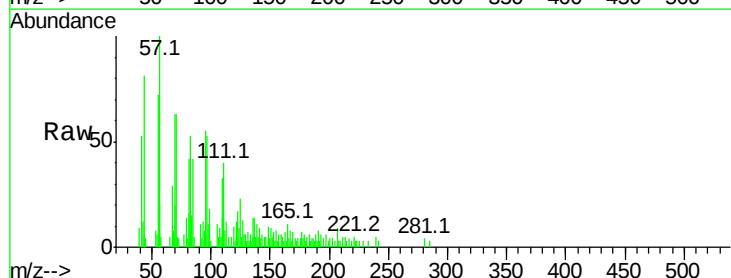
Tgt Ion:184 Resp: 333

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

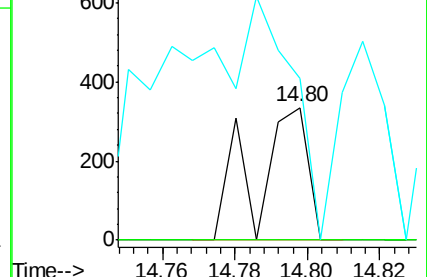
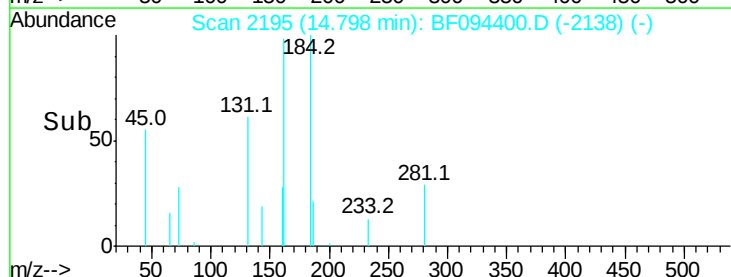
154 122.4 57.3 85.9#

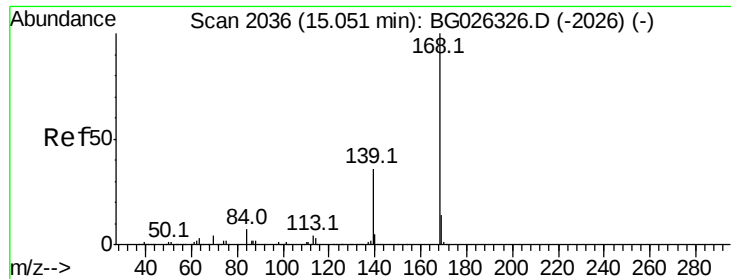


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.15 ng

RT: 15.08 min Scan# 2243

Delta R.T. 0.03 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

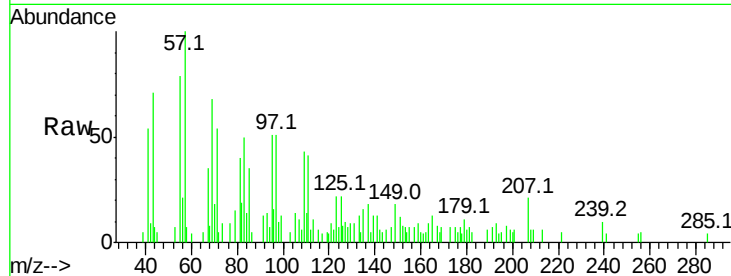
Tot Ion:168 Resp: 124

Ion Ratio Lower Upper

168 100

139 260.3 35.3 52.9#

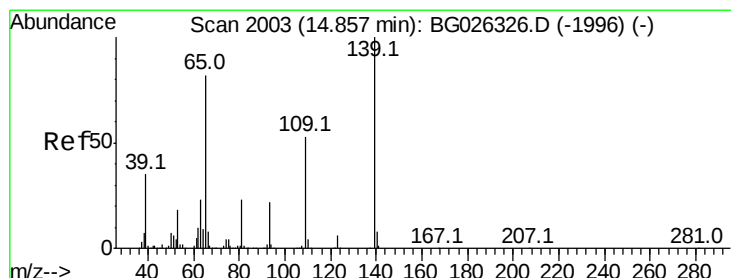
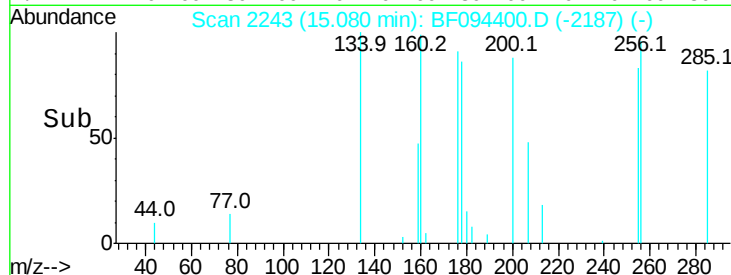
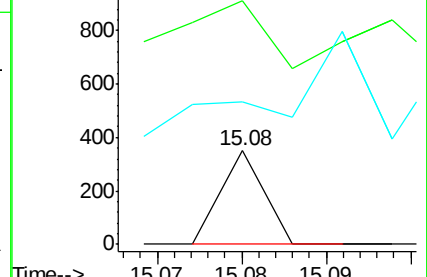
169 152.9 11.5 17.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 54.68 ng

RT: 14.92 min Scan# 2215

Delta R.T. 0.06 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

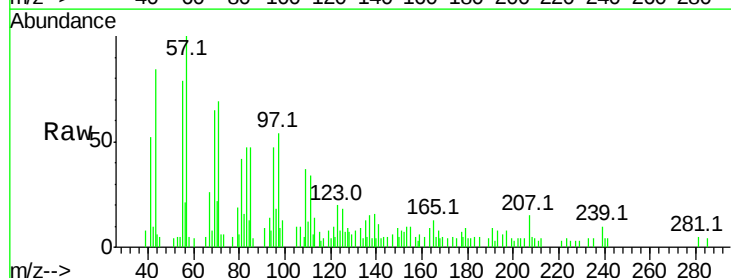
Tgt Ion:139 Resp: 548

Ion Ratio Lower Upper

139 100

109 233.6 101.2 141.2#

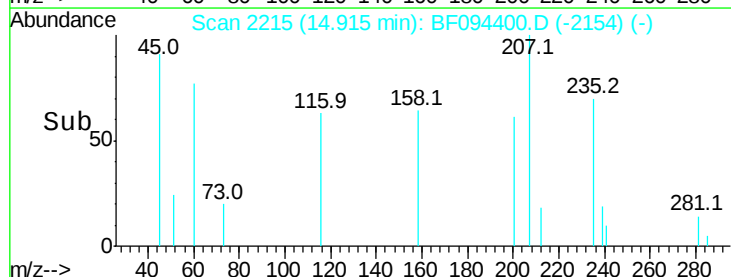
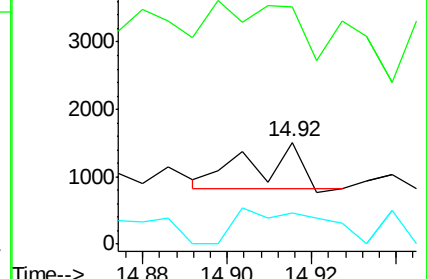
65 30.0 135.3 175.3#

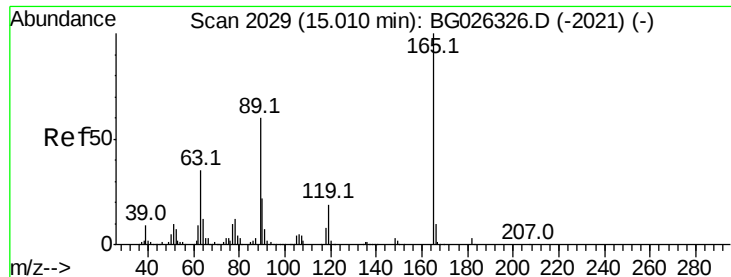


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

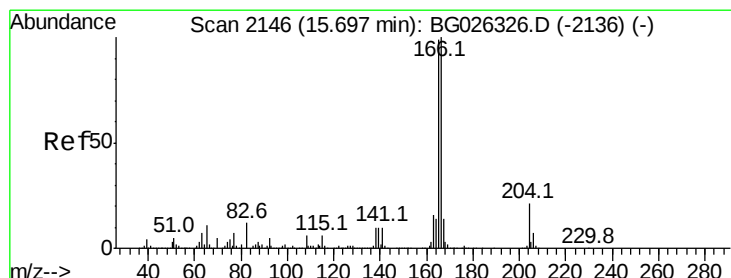
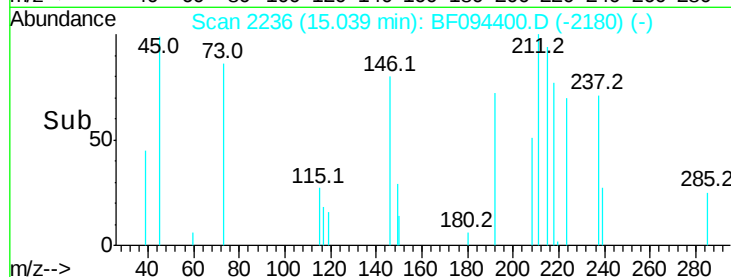
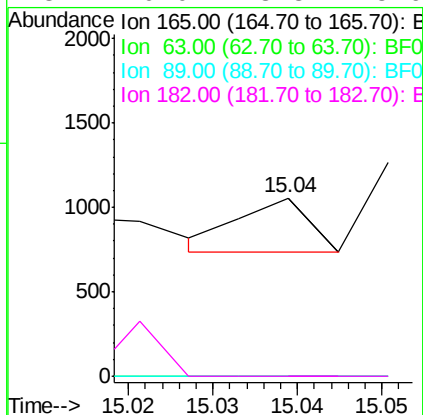
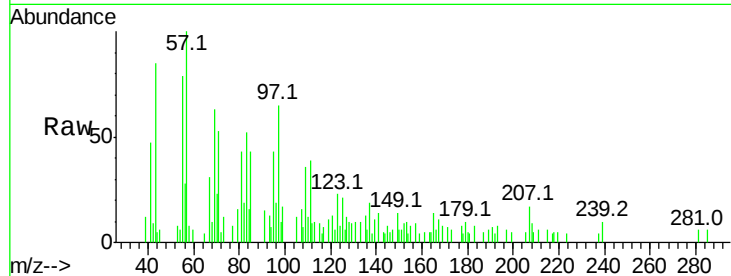




#56
2,4-Dinitrotoluene
Concen: 11.71 ng
RT: 15.04 min Scan# 2236
Delta R.T. 0.03 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

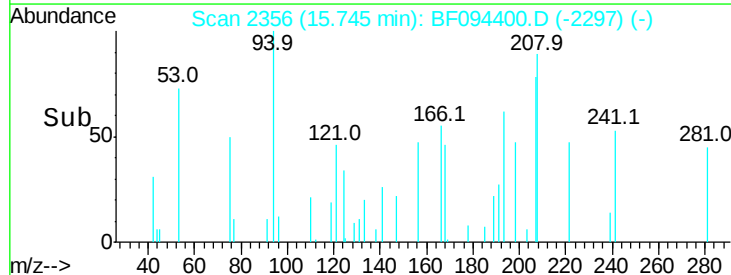
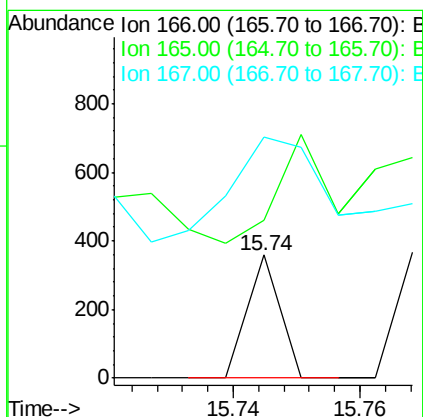
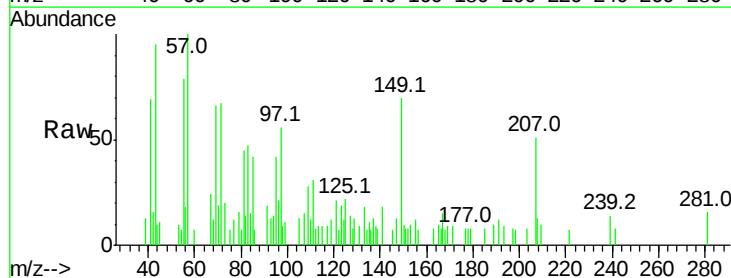
Instrument :
BNA_F
ClientSampleId :

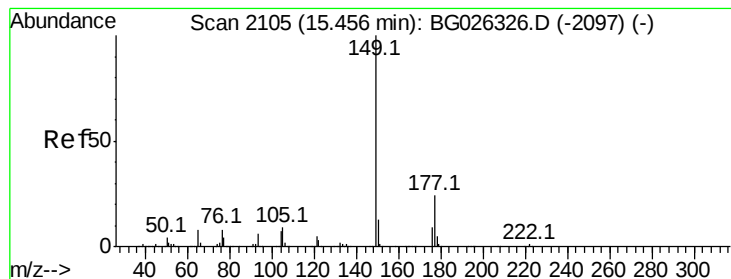
Tot Ion:165 Resp: 183
Ion Ratio Lower Upper
165 100
63 0.0 44.0 66.0#
89 0.0 67.3 100.9#
182 0.0 3.8 5.6#



#57
Fluorene
Concen: 2.45 ng
RT: 15.74 min Scan# 2356
Delta R.T. 0.05 min
Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Tgt Ion:166 Resp: 126
Ion Ratio Lower Upper
166 100
165 128.2 78.6 117.8#
167 196.4 11.6 17.4#





#59

Diethylphthalate

Concen: 365.22 ng

RT: 15.46 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

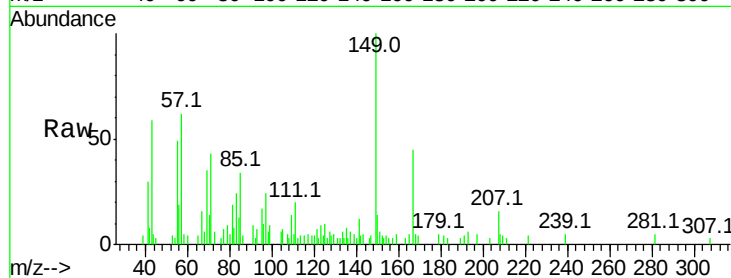
Tot Ion:149 Resp: 17779

Ion Ratio Lower Upper

149 100

177 0.0 20.1 30.1#

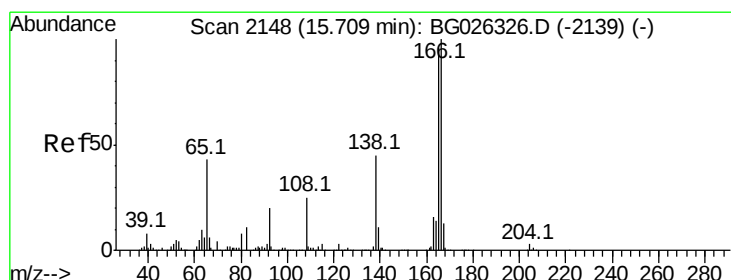
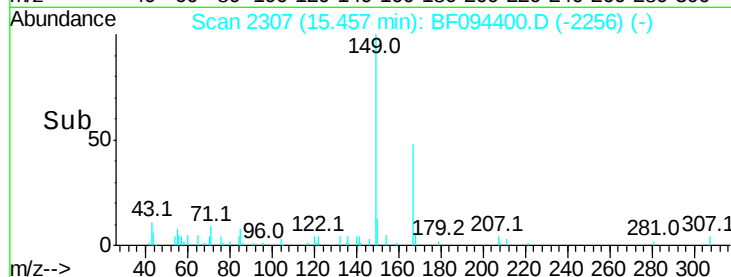
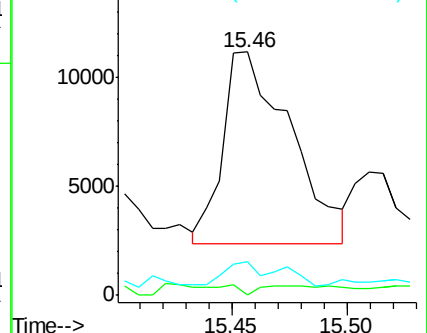
150 13.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Nitroaniline

Concen: 11.05 ng

RT: 15.74 min Scan# 2356

Delta R.T. 0.04 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

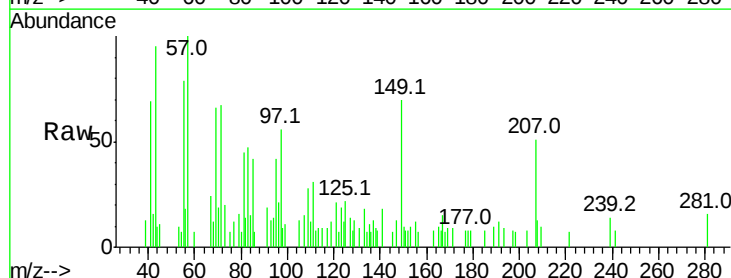
Tgt Ion:138 Resp: 143

Ion Ratio Lower Upper

138 100

92 0.0 44.2 84.2#

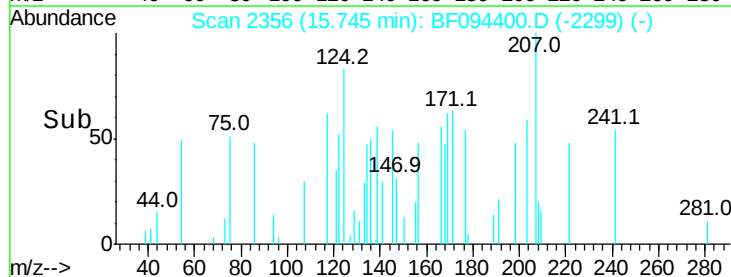
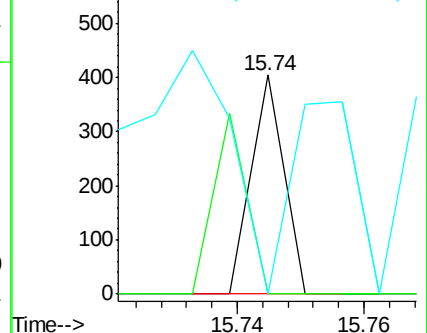
108 0.0 104.8 144.8#

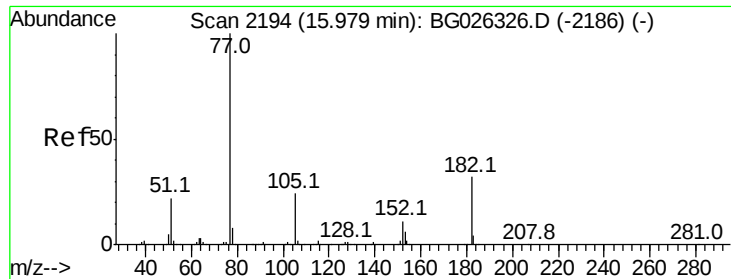


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 7.91 ng

RT: 16.00 min Scan# 2400

Delta R.T. 0.02 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 313

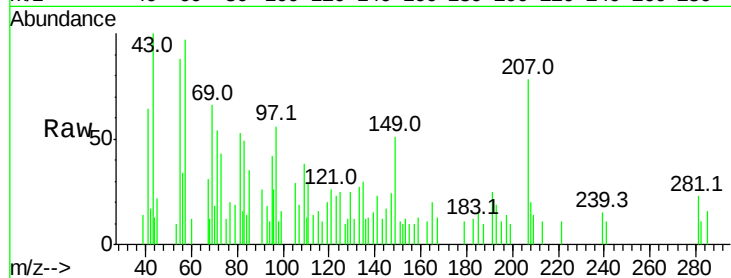
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 149.6 0.0 36.3#

51 0.0 16.4 56.4#



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

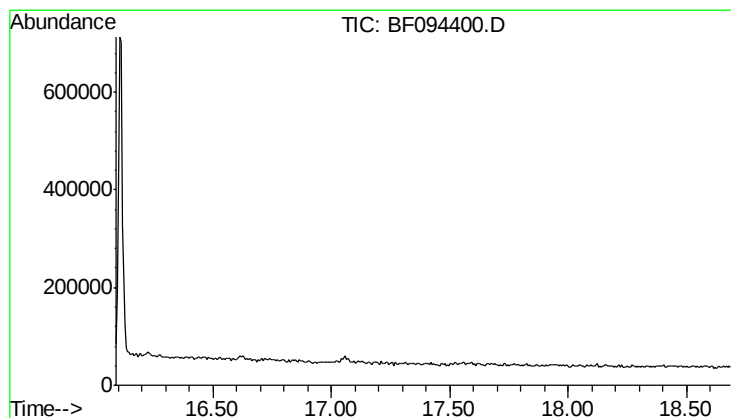
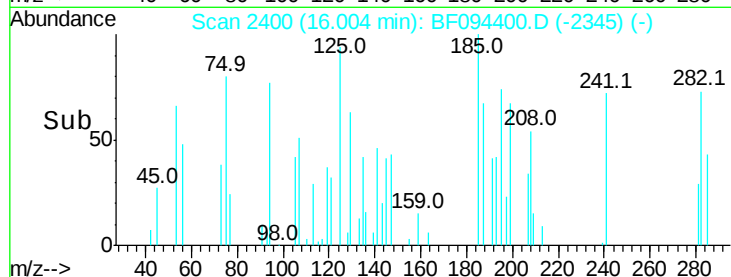
1500

1000

500

0

Time-->



#63

Phenanthrene-d10

Concen: 0.00 ng

Expected RT: 17.39 min

Lab File: BF094400.D

Acq: 13 Apr 2017 19:45

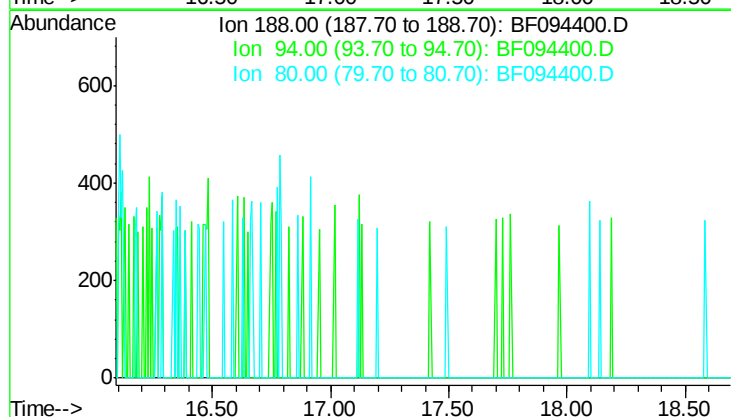
Tgt Ion: 188

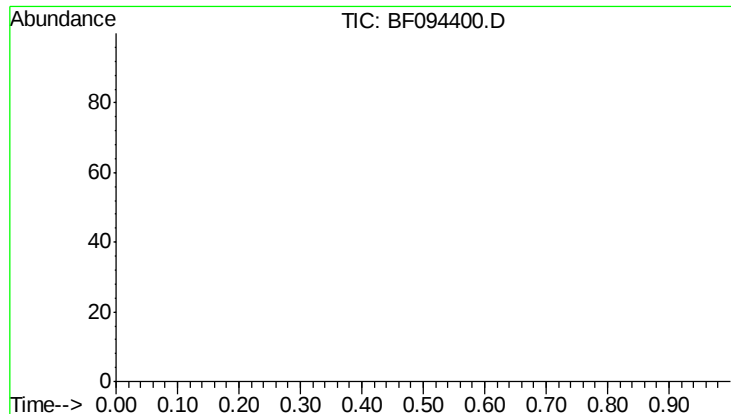
Sig Exp Ratio

188 100

94 7.3

80 9.4



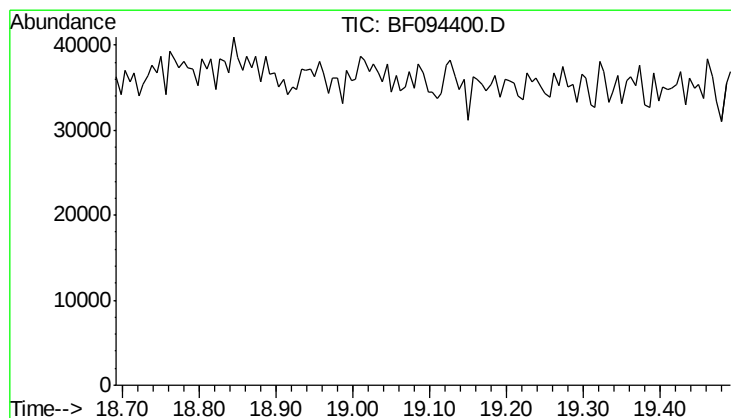
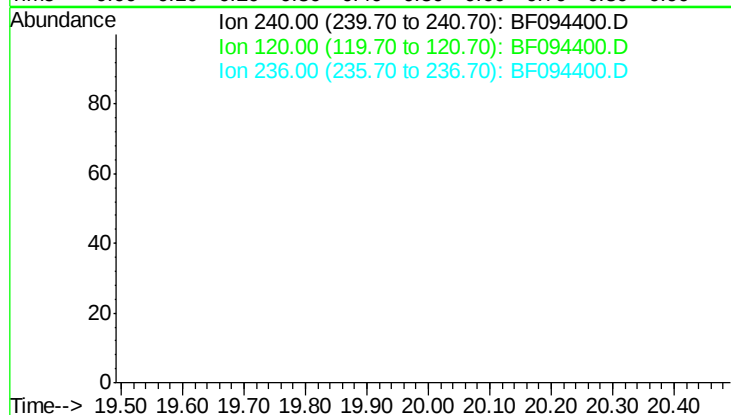


#75
 Chrvsene-d12
 Concen: 0.00 ng
 Expected RT: 21.64 min

Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :

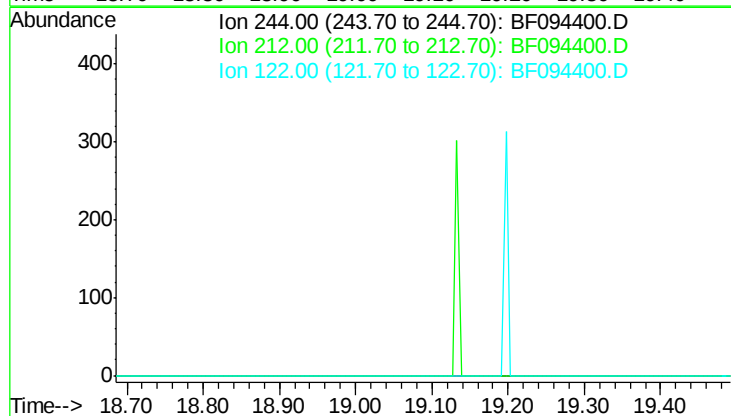
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 7.1
 236 27.8

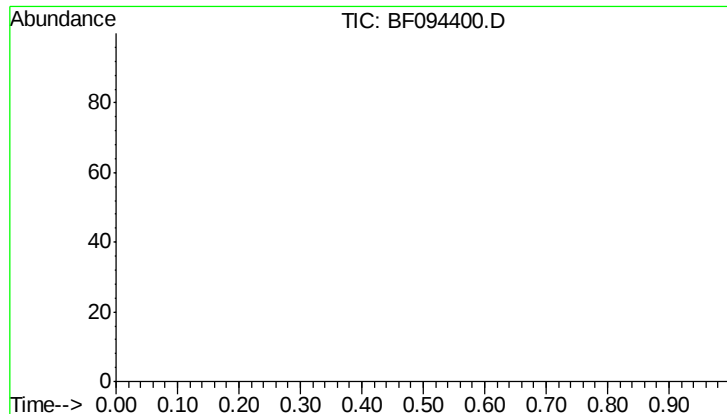


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 19.99 min

Lab File: BF094400.D
 Acq: 13 Apr 2017 19:45

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 12.5
 122 10.7





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 24.82 min

Lab File: BF094400.D
Acq: 13 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	27.3
265	22.8

