

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094399.D
 Acq On : 13 Apr 2017 19:17
 Operator : SJ/MA
 Sample : I2671-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:48:06 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	8.07	152	154	20.00	ng	0.02
21) Naphthalene-d8	10.89	136	366	20.00	ng	0.04
38) Acenaphthene-d10	14.73	164	182	20.00	ng	0.08
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	5.64	112	286	32.96	ng	0.02
7) Phenol-d6	7.24	99	807	69.28	ng	0.03
23) Nitrobenzene-d5	9.22	82	3040	499.43	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.34	172	1281	98.71	ng	0.06
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.92	42	5748	1971.75	ng	# 1
6) Aniline	7.41	93	273	17.54	ng	# 38
8) 2-Chlorophenol	7.58	128	787	80.55	ng	# 25
9) Benzaldehyde	7.19	77	1046	133.02	ng	# 50
10) Phenol	7.29	94	4919	395.71	ng	# 1
11) bis(2-Chloroethyl)ether	7.47	93	617	60.53	ng	# 1
12) 1,3-Dichlorobenzene	8.09	146	271	23.30	ng	# 25
13) 1,4-Dichlorobenzene	8.09	146	271	23.03	ng	# 1
14) 1,2-Dichlorobenzene	8.62	146	100648	8938.61	ng	# 26
15) Benzyl Alcohol	8.53	79	1558	204.01	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	1337	118.11	ng	# 1
17) 2-Methylphenol	8.53	107	1973	223.49	ng	# 60
18) Hexachloroethane	9.17	117	2262	587.95	ng	# 1
19) n-Nitroso-di-n-propylamine	8.89	70	539	71.98	ng	# 79
20) 3+4-Methylphenols	8.80	107	2739	225.36	ng	# 17
22) Acetophenone	8.88	105	311	36.95	ng	# 85
24) Nitrobenzene	9.27	77	586	97.50	ng	# 1
25) Isophorone	9.79	82	4125	359.56	ng	# 1
26) 2-Nitrophenol	9.99	139	7779	2487.46	ng	# 23
27) 2,4-Dimethylphenol	10.06	122	1608	313.25	ng	# 10
28) bis(2-Chloroethoxy)methane	10.27	93	1461	196.03	ng	# 1
29) 2,4-Dichlorophenol	10.50	162	220	42.38	ng	# 1
30) 1,2,4-Trichlorobenzene	10.74	180	1647	282.43	ng	# 1
31) Naphthalene	10.96	128	15028	812.08	ng	# 1
32) Benzoic acid	10.19	122	1314	332.67	ng	# 10
33) 4-Chloroaniline	11.06	127	1334	177.23	ng	# 8
34) Hexachlorobutadiene	11.22	225	305	88.65	ng	# 50
35) Caprolactam	11.80	113	1512	739.19	ng	# 1
36) 4-Chloro-3-methylphenol	12.17	107	969	174.49	ng	# 82
37) 2-Methylnaphthalene	12.54	142	1268	93.55	ng	# 1
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	332	60.63	ng	# 1
40) Hexachlorocyclopentadiene	12.93	237	1807	626.91	ng	# 77
42) 2,4,6-Trichlorophenol	13.18	196	1285	358.40	ng	# 42
43) 2,4,5-Trichlorophenol	13.23	196	6263	1580.33	ng	# 1

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

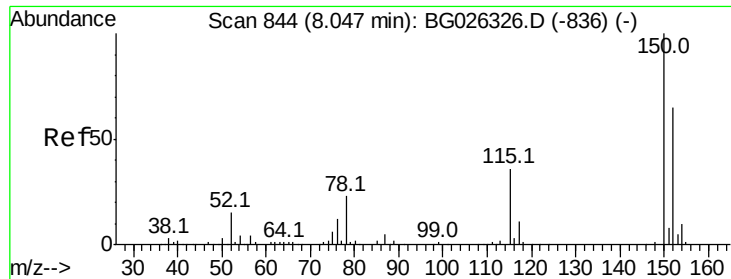
Instrument :
 BNA_F
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Quant Time: Apr 14 00:48:06 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1'-Biphenyl	13.57	154	752	49.89	ng	# 1
46) 2-Chloronaphthalene	13.60	162	749	68.04	ng	# 1
47) 2-Nitroaniline	13.72	65	412	131.60	ng	96
48) Acenaphthylene	14.51	152	625	32.57	ng	# 1
49) Dimethylphthalate	14.15	163	574	41.78	ng	# 1
50) 2,6-Dinitrotoluene	14.34	165	968	301.92	ng	# 32
51) Acenaphthene	14.79	154	598	50.60	ng	# 38
52) 3-Nitroaniline	14.64	138	257	72.80	ng	# 55
53) 2,4-Dinitrophenol	14.84	184	79	42.48	ng	# 79
54) Dibenzofuran	15.13	168	210	12.62	ng	# 1
55) 4-Nitrophenol	14.94	139	275	95.13	ng	# 37
56) 2,4-Dinitrotoluene	15.07	165	307	68.08	ng	# 35
57) Fluorene	15.77	166	439	29.65	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.33	232	413	119.49	ng	# 27
59) Diethylphthalate	15.55	149	749	53.34	ng	# 58
60) 4-Chlorophenyl-phenylether	15.76	204	130	18.53	ng	# 1
61) 4-Nitroaniline	15.81	138	920	246.36	ng	# 81
62) Azobenzene	16.07	77	349	30.57	ng	# 29

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 1051

Delta R.T. 0.02 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

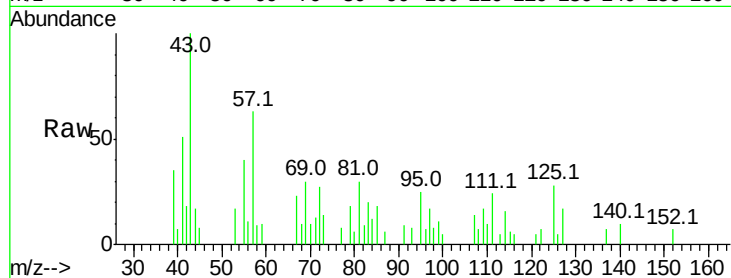
Tot Ion:152 Resp: 154

Ion Ratio Lower Upper

152 100

150 0.0 114.0 171.0#

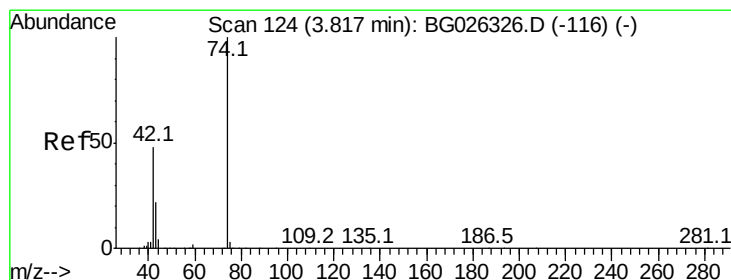
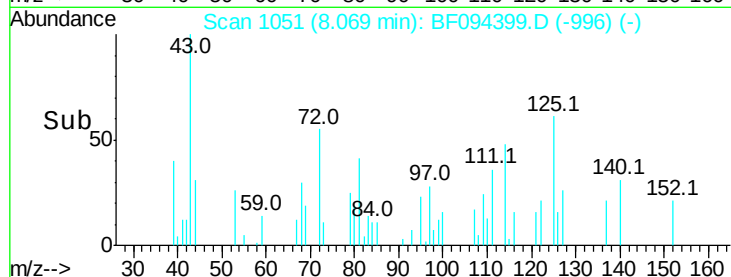
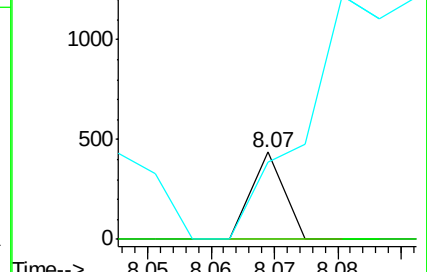
115 89.0 48.1 72.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine

Concen: 1971.75 ng

RT: 3.92 min Scan# 345

Delta R.T. 0.10 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

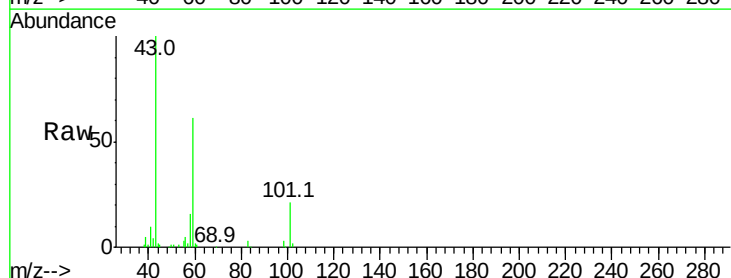
Tgt Ion: 42 Resp: 5748

Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

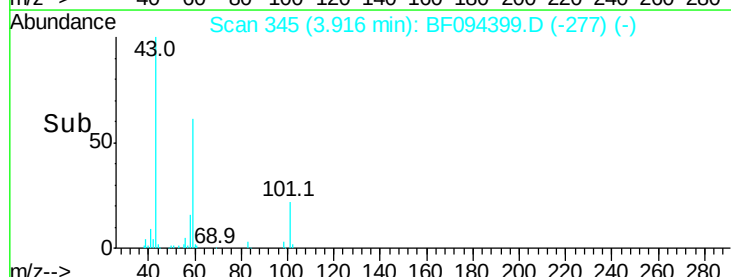
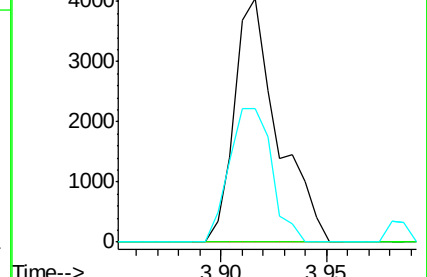
44 54.9 6.1 9.1#

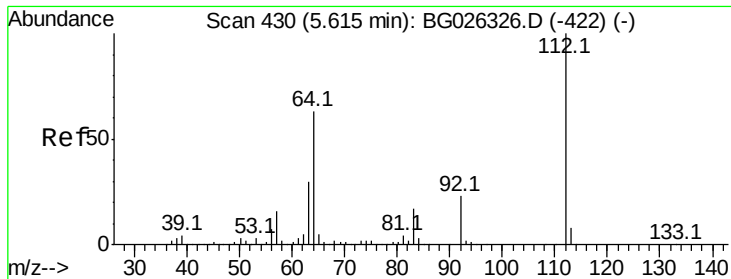


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 32.96 ng

RT: 5.64 min Scan# 638

Delta R.T. 0.02 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

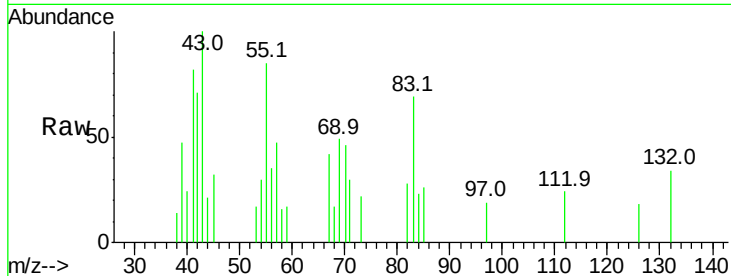
Tot Ion:112 Resp: 286

Ion Ratio Lower Upper

112 100

64 0.0 61.8 92.6#

63 0.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.64

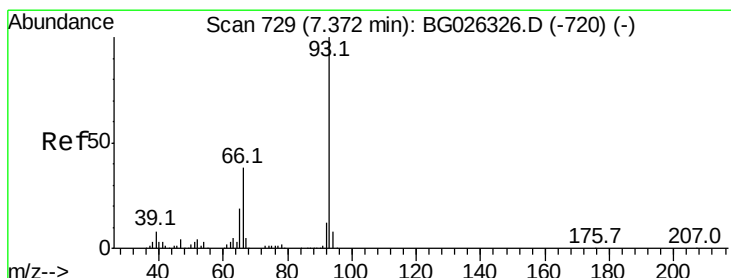
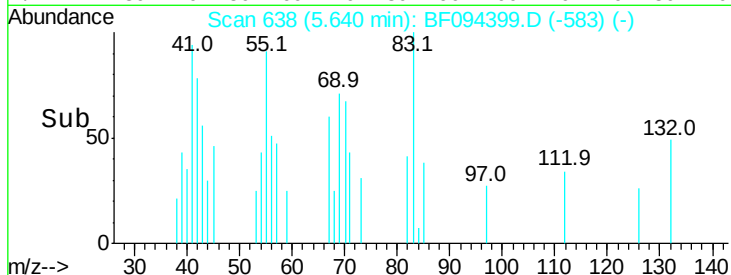
400

200

0

5.62 5.64 5.66

Time-->



#6

Aniline

Concen: 17.54 ng

RT: 7.41 min Scan# 939

Delta R.T. 0.04 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

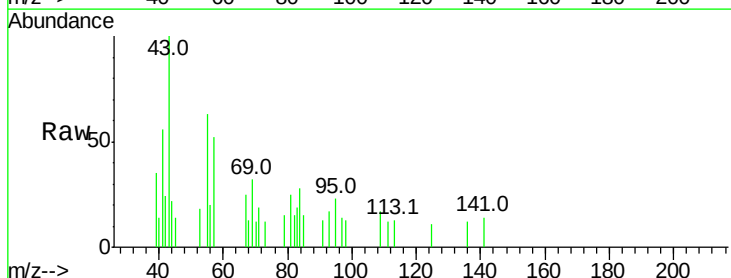
Tgt Ion: 93 Resp: 273

Ion Ratio Lower Upper

93 100

66 0.0 35.4 53.2#

65 0.0 21.2 31.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

7.41

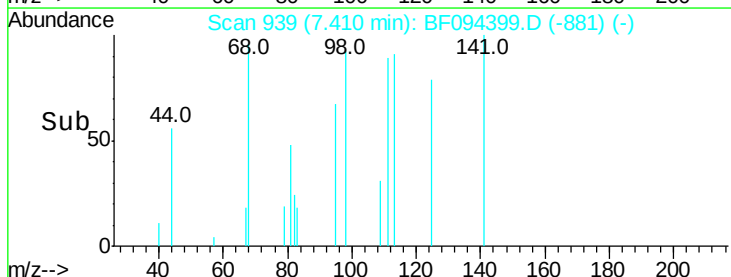
400

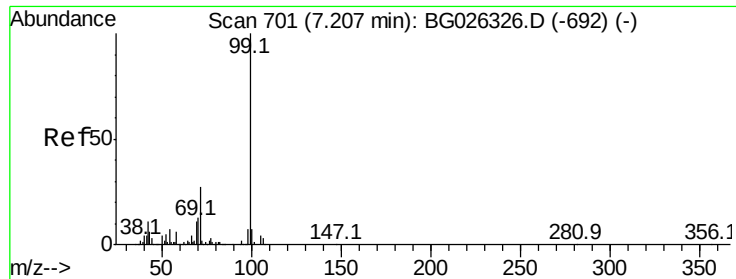
200

0

7.39 7.40 7.41 7.42

Time-->





#7

Phenol-d6

Concen: 69.28 ng

RT: 7.24 min Scan# 910

Delta R.T. 0.03 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

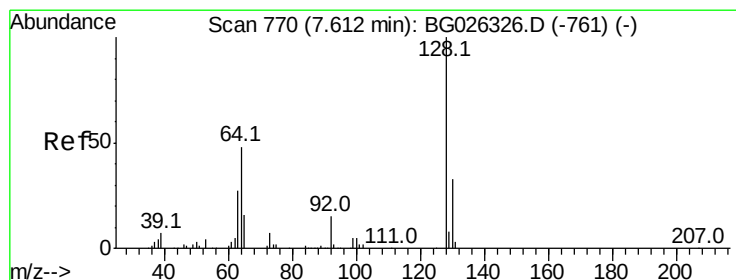
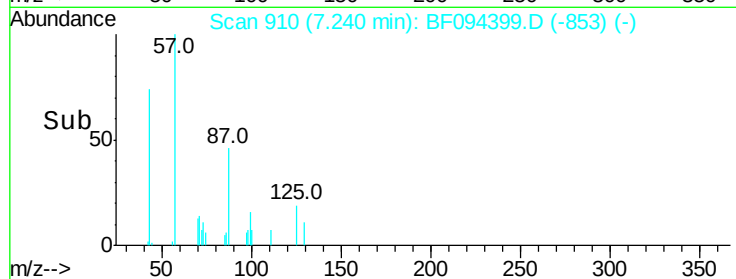
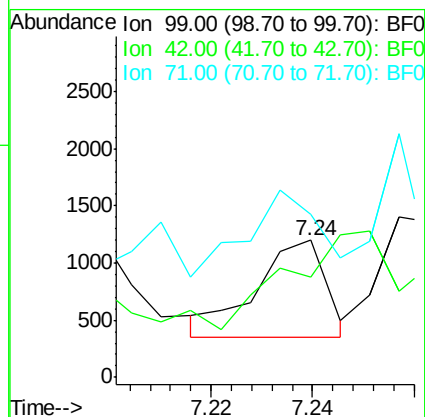
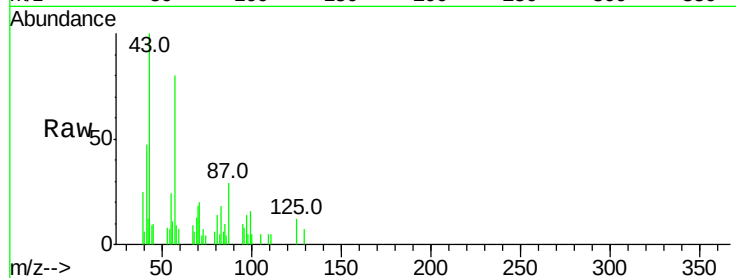
Tot Ion: 99 Resp: 807

Ion Ratio Lower Upper

99 100

42 73.2 20.5 30.7#

71 119.2 37.6 56.4#



#8

2-Chlorophenol

Concen: 80.55 ng

RT: 7.58 min Scan# 968

Delta R.T. -0.03 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

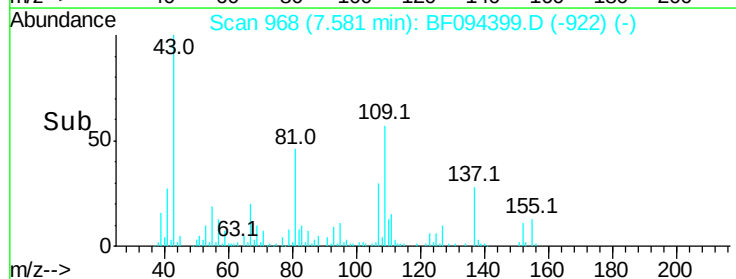
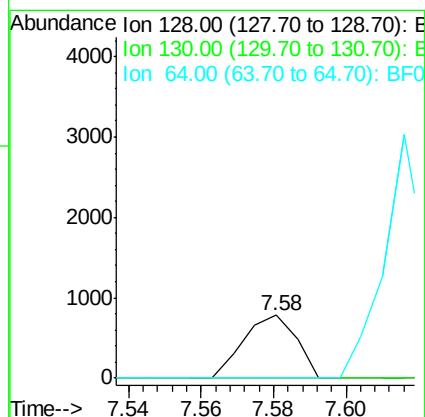
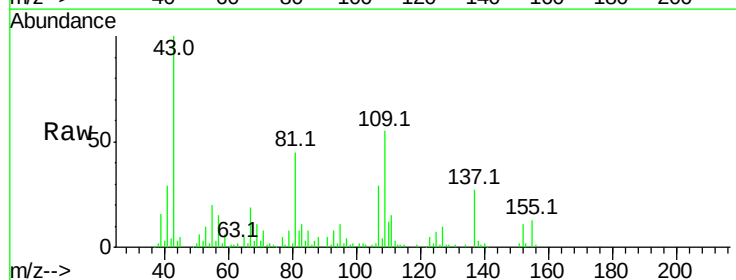
Tgt Ion: 128 Resp: 787

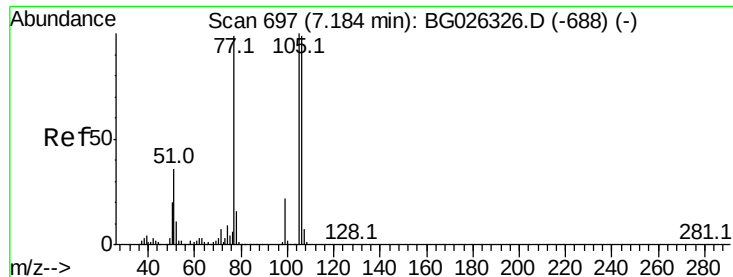
Ion Ratio Lower Upper

128 100

130 0.0 11.4 51.4#

64 0.0 46.6 86.6#





#9

Benzaldehyde

Concen: 133.02 ng

RT: 7.19 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

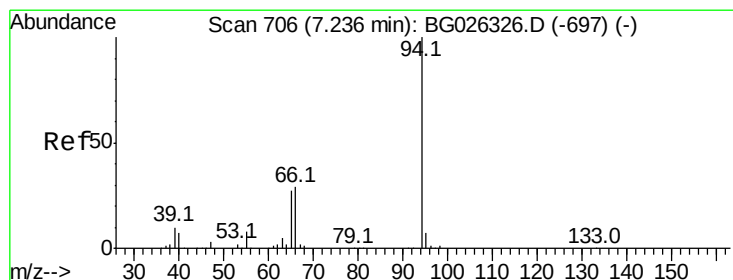
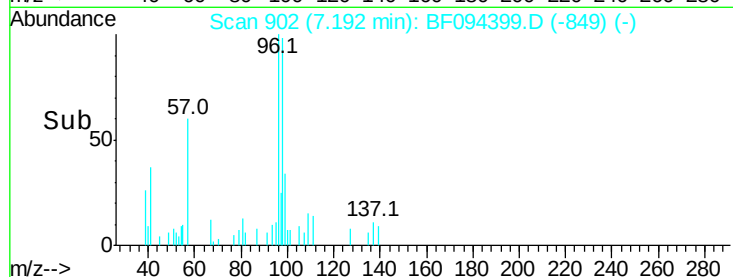
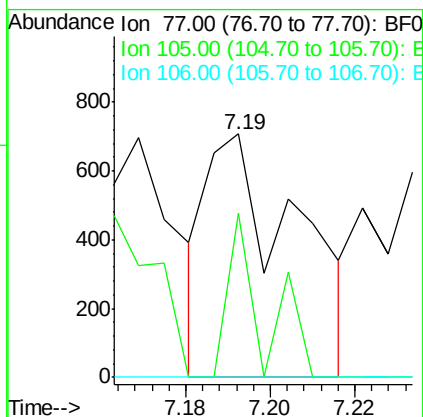
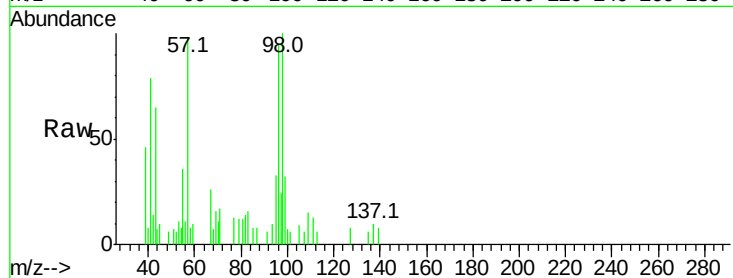
Tot Ion: 77 Resp: 1046

Ion Ratio Lower Upper

77 100

105 67.7 60.9 100.9

106 0.0 55.1 95.1#



#10

Phenol

Concen: 395.71 ng

RT: 7.29 min Scan# 918

Delta R.T. 0.05 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

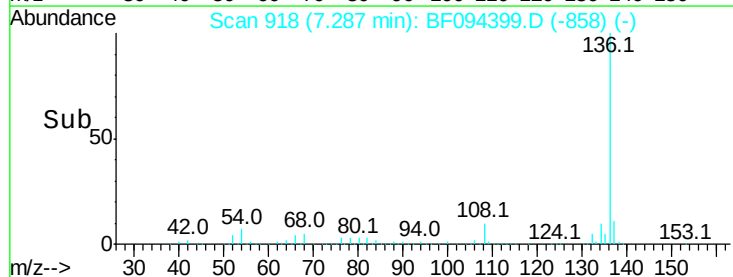
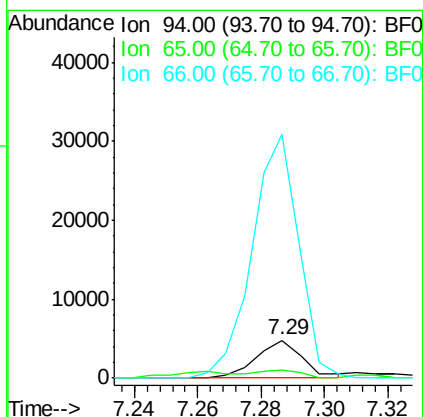
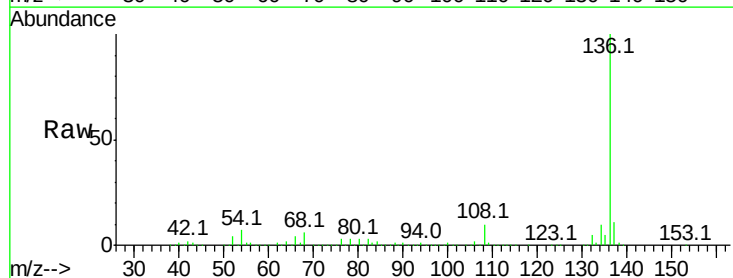
Tgt Ion: 94 Resp: 4919

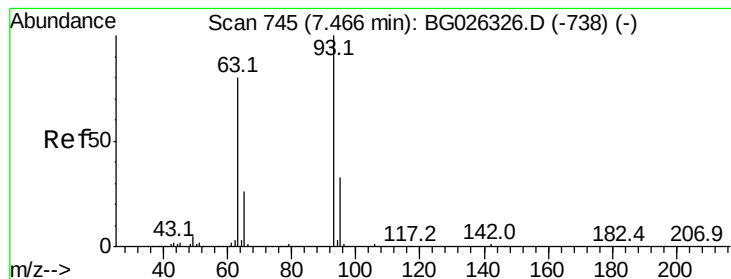
Ion Ratio Lower Upper

94 100

65 22.3 20.6 60.6

66 648.7 35.5 75.5#

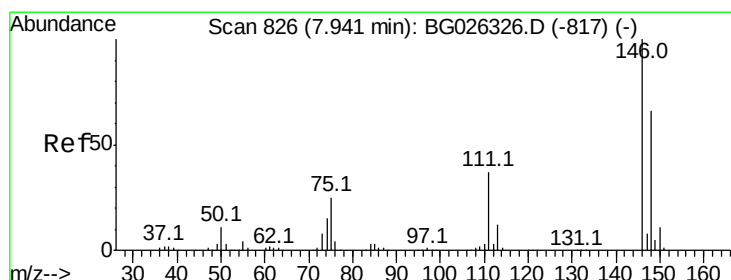
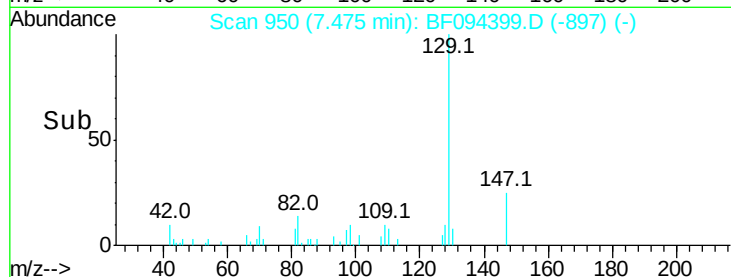
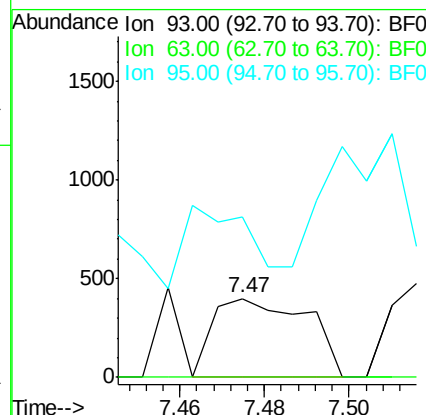
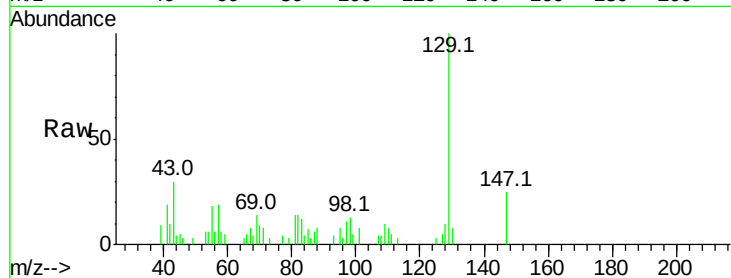




#11
bis(2-Chloroethyl)ether
Concen: 60.53 ng
RT: 7.47 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

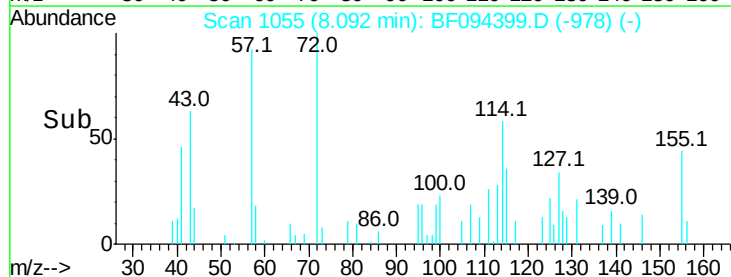
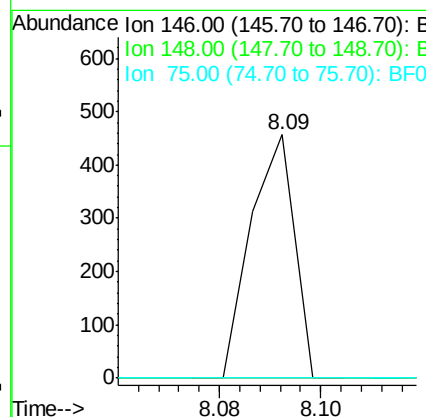
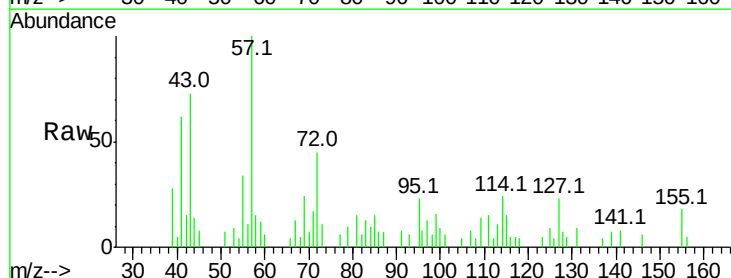
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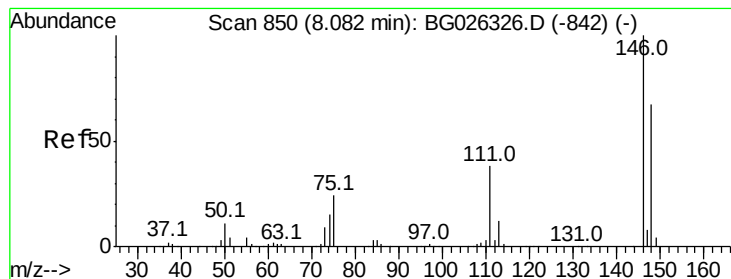
Tot Ion: 93 Resp: 617
Ion Ratio Lower Upper
93 100
63 0.0 78.5 118.5#
95 204.3 9.8 49.8#



#12
1,3-Dichlorobenzene
Concen: 23.30 ng
RT: 8.09 min Scan# 1055
Delta R.T. 0.15 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion: 146 Resp: 271
Ion Ratio Lower Upper
146 100
148 0.0 49.2 73.8#
75 0.0 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 23.03 ng

RT: 8.09 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

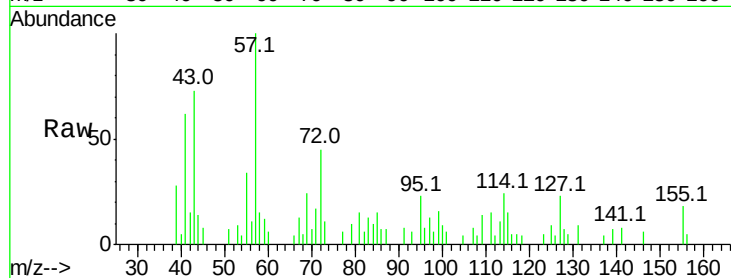
Tot Ion:146 Resp: 271

Ion Ratio Lower Upper

146 100

148 0.0 52.2 78.2#

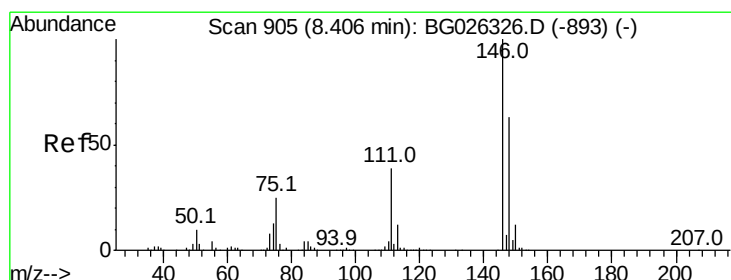
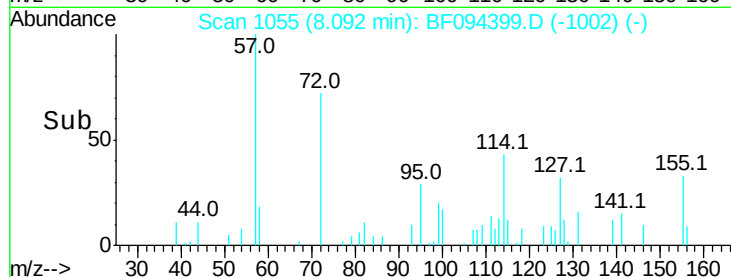
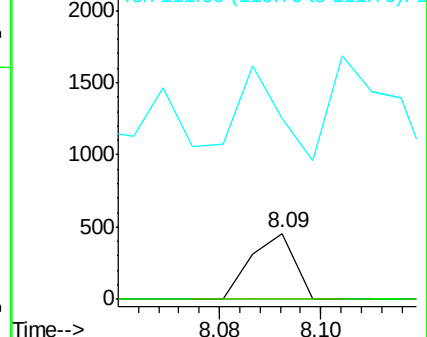
111 273.5 37.0 55.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8938.61 ng

RT: 8.62 min Scan# 1144

Delta R.T. 0.21 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

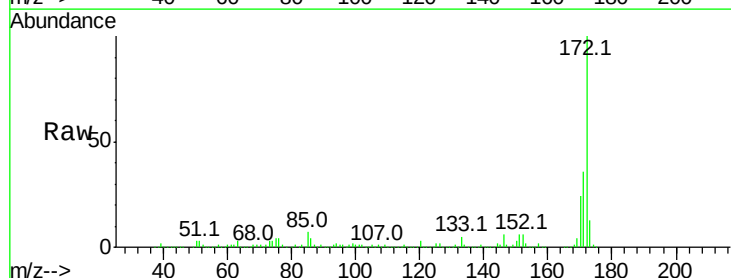
Tgt Ion:146 Resp: 100648

Ion Ratio Lower Upper

146 100

148 1.0 54.6 81.8#

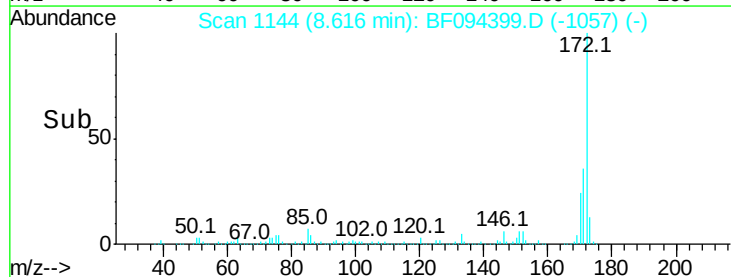
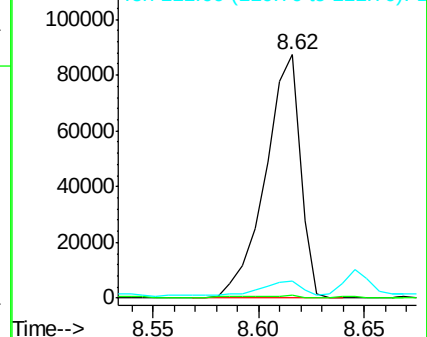
111 6.9 39.7 59.5#

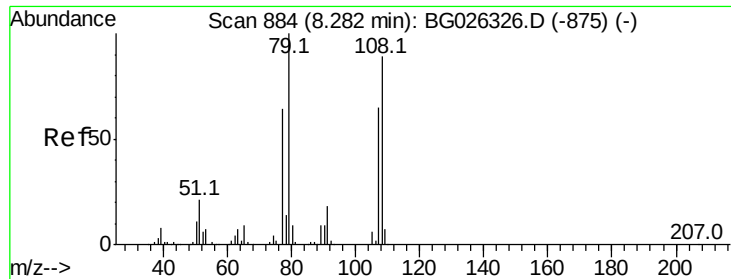


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 204.01 ng

RT: 8.53 min Scan# 1129

Delta R.T. 0.25 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

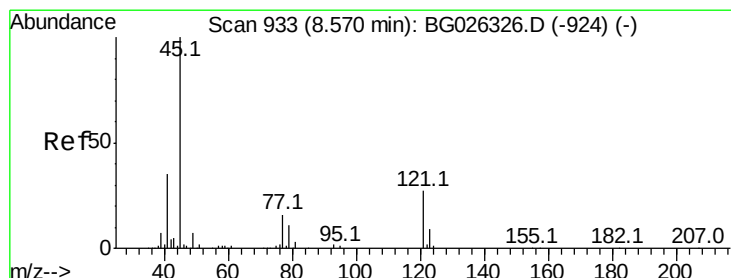
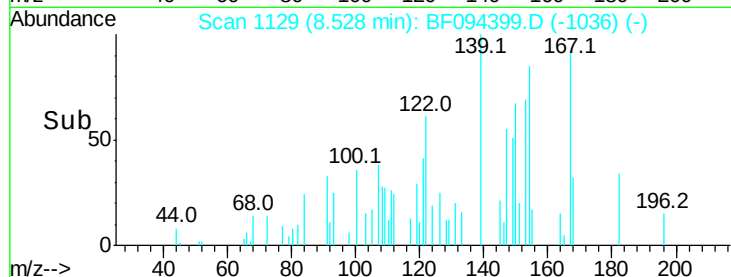
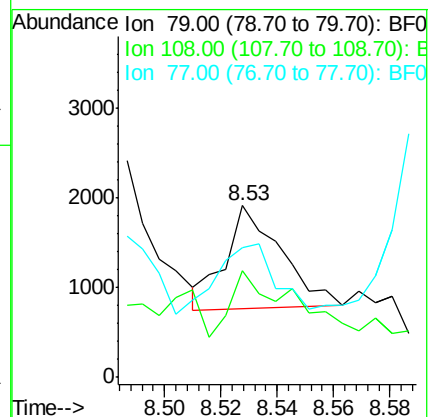
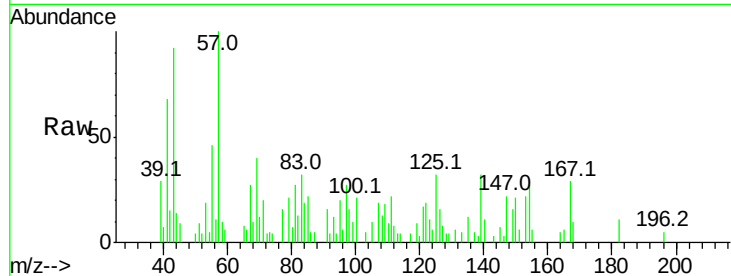
Tot Ion: 79 Resp: 1558

Ion Ratio Lower Upper

79 100

108 62.3 45.5 68.3

77 75.4 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 118.11 ng

RT: 8.58 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

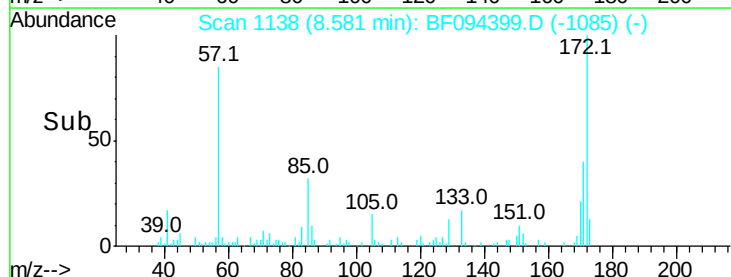
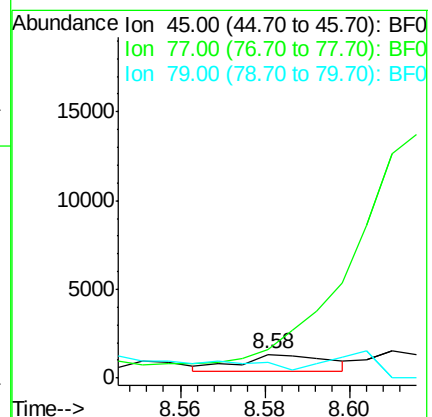
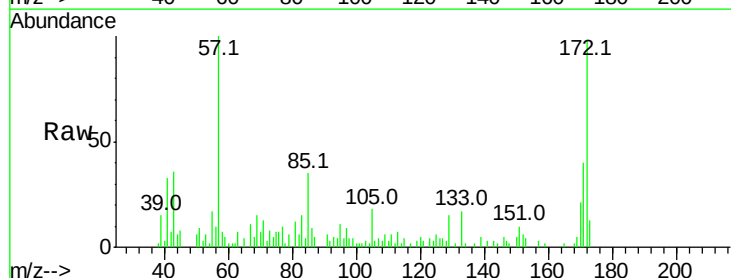
Tgt Ion: 45 Resp: 1337

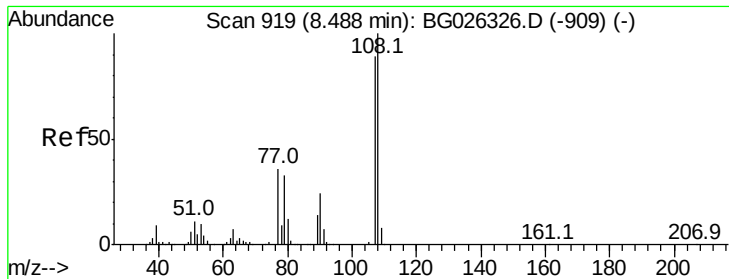
Ion Ratio Lower Upper

45 100

77 124.2 0.0 30.6#

79 67.8 0.0 28.5#





#17

2-Methylphenol

Concen: 223.49 ng

RT: 8.53 min Scan# 1130

Delta R.T. 0.05 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 1973

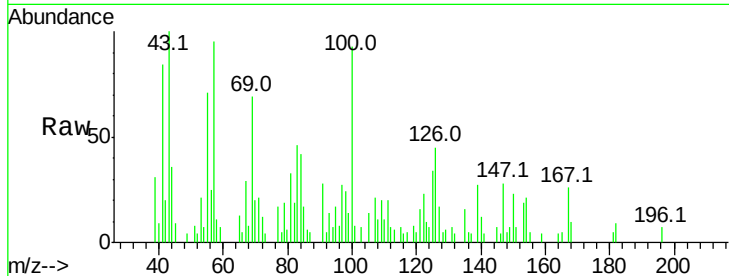
Ion Ratio Lower Upper

107 100

108 51.4 85.6 128.4#

77 81.7 51.4 77.2#

79 89.5 49.2 73.8#

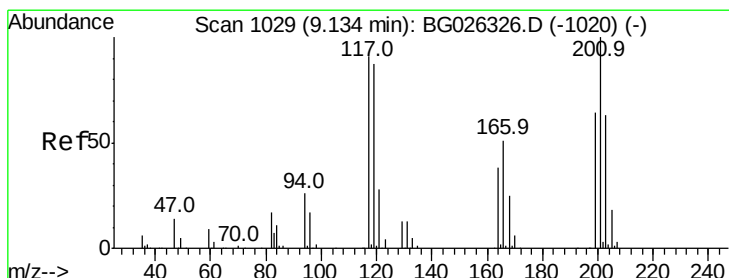
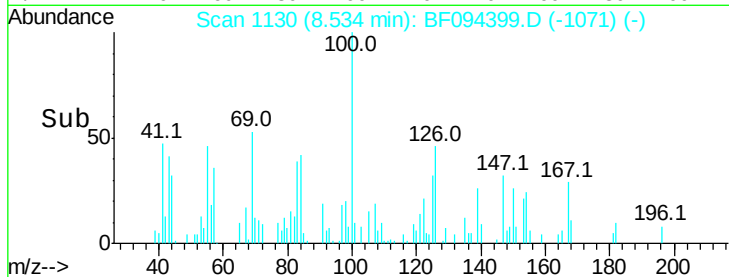
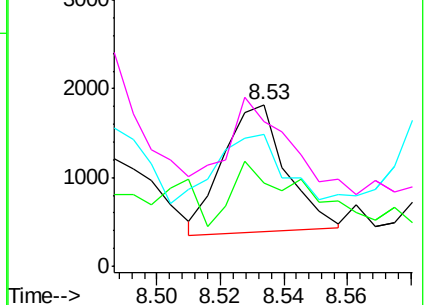


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 587.95 ng

RT: 9.17 min Scan# 1239

Delta R.T. 0.04 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

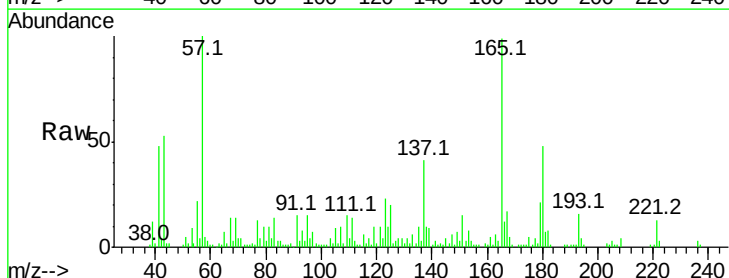
Tgt Ion:117 Resp: 2262

Ion Ratio Lower Upper

117 100

119 252.9 69.8 104.6#

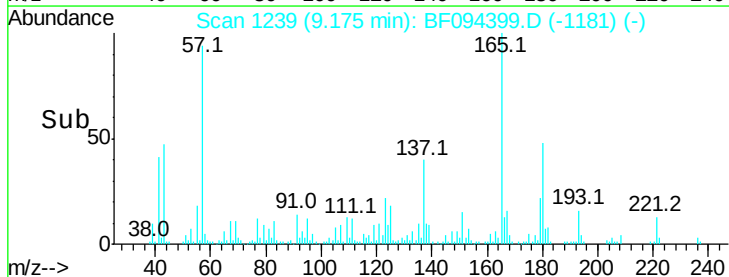
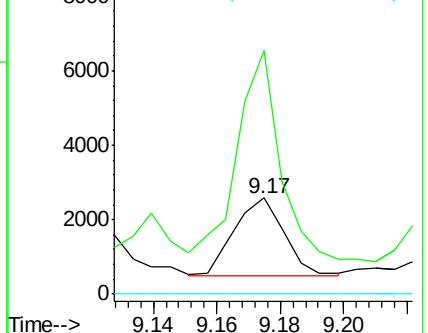
201 0.0 95.4 143.0#

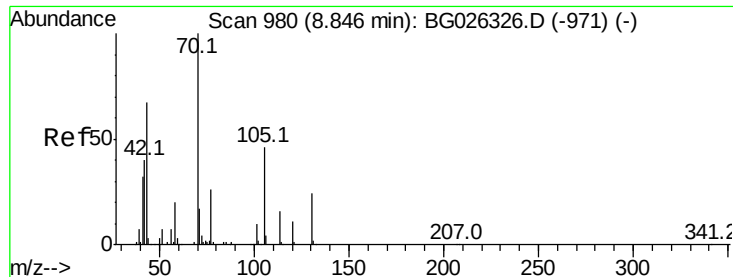


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

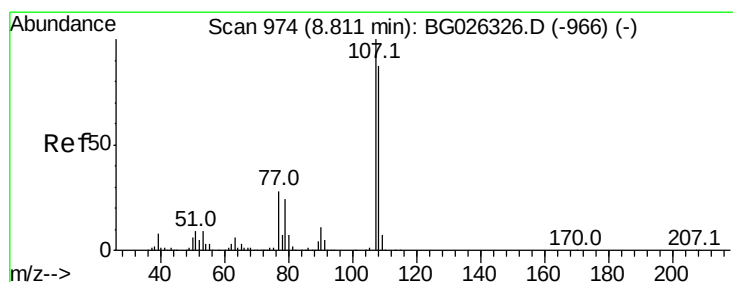
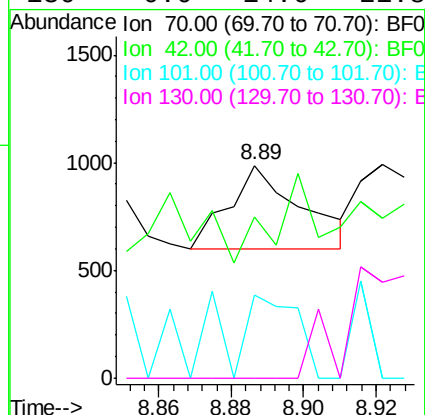
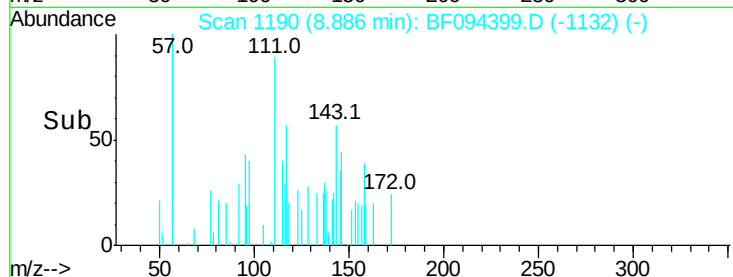
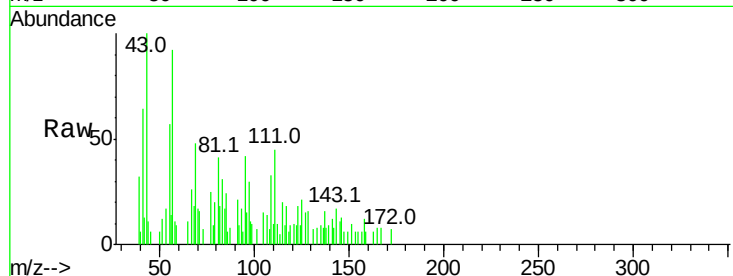




#19
n-Nitroso-di-n-propylamine
Concen: 71.98 ng
RT: 8.89 min Scan# 1190
Delta R.T. 0.04 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

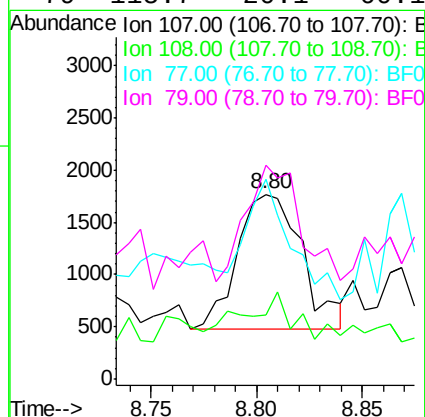
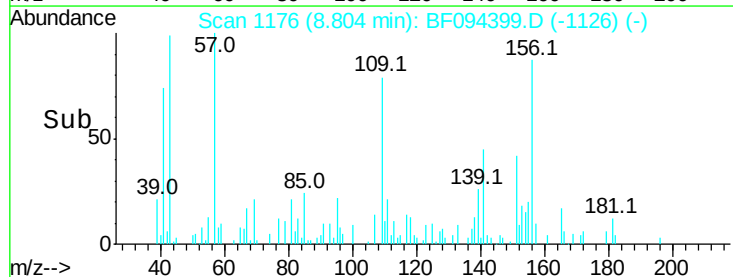
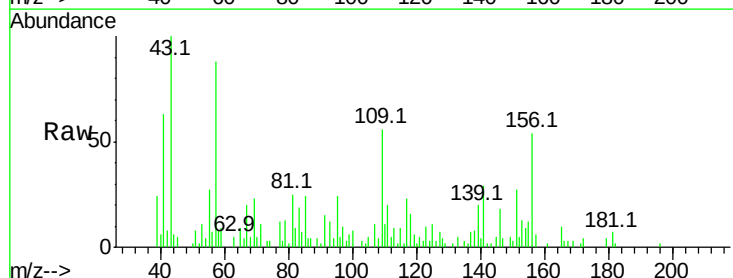
Instrument :
BNA_F
ClientSampleId :

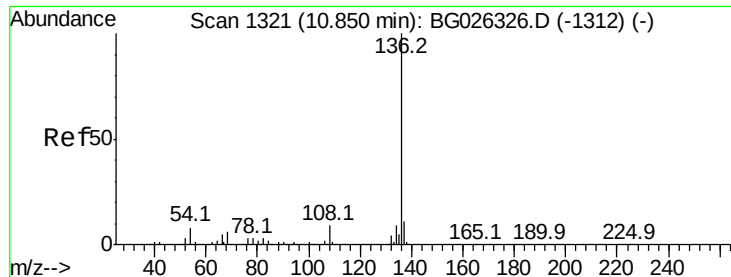
Tot Ion: 70 Resp: 539
Ion Ratio Lower Upper
70 100
42 76.0 56.1 84.1
101 39.4 7.5 11.3#
130 0.0 14.6 21.8#



#20
3+4-Methylphenols
Concen: 225.36 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion:107 Resp: 2739
Ion Ratio Lower Upper
107 100
108 35.0 70.8 110.8#
77 108.3 25.8 65.8#
79 115.7 20.1 60.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1530

Delta R.T. 0.04 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 366

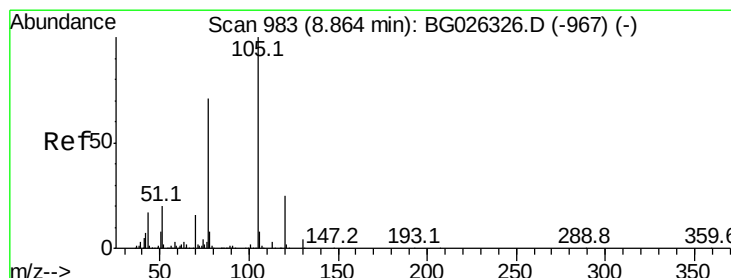
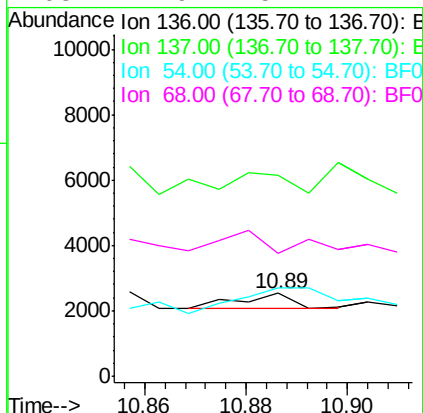
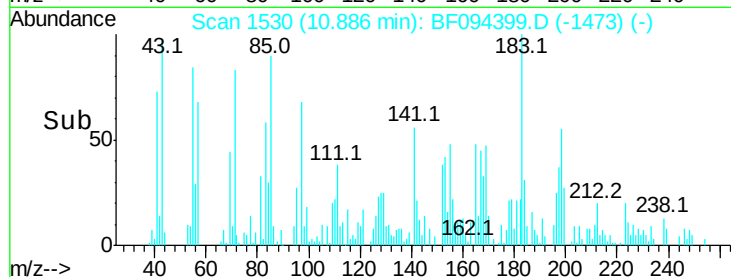
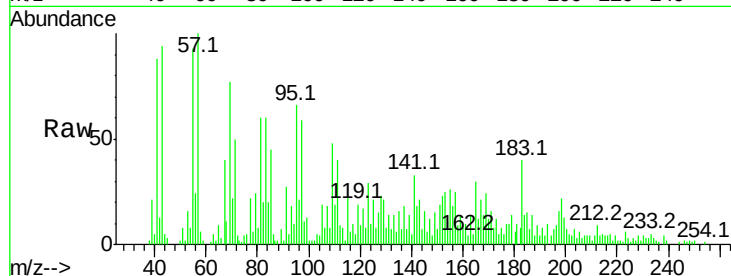
Ion Ratio Lower Upper

136 100

137 242.6 8.9 13.3#

54 107.4 9.3 13.9#

68 147.9 5.1 7.7#



#22

Acetophenone

Concen: 36.95 ng

RT: 8.88 min Scan# 1189

Delta R.T. 0.02 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Tgt Ion:105 Resp: 311

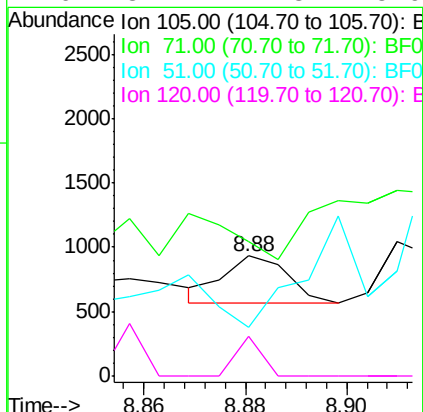
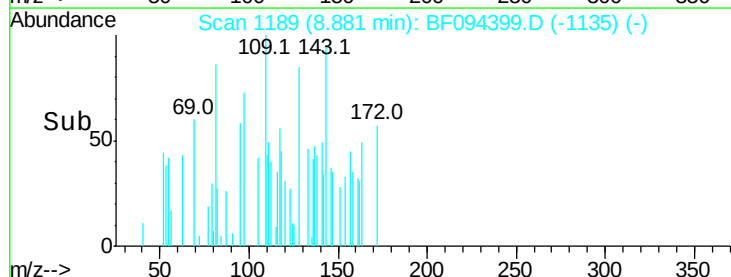
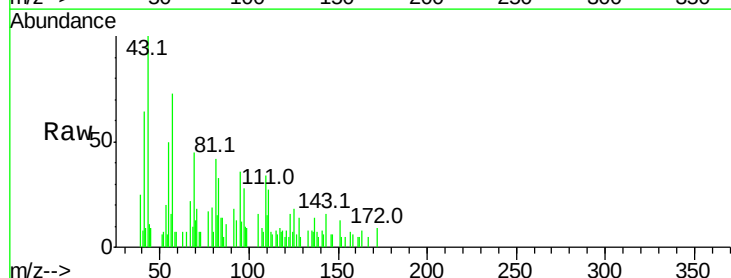
Ion Ratio Lower Upper

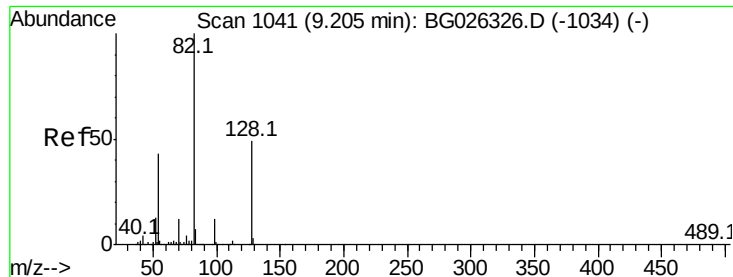
105 100

71 112.2 0.9 1.3#

51 40.0 34.0 51.0

120 32.7 17.3 25.9#

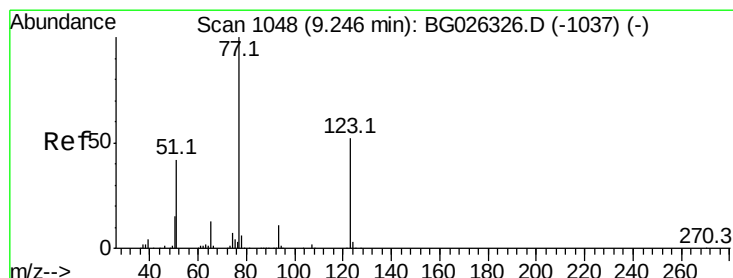
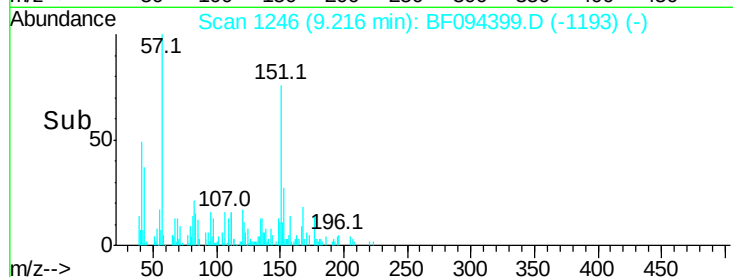
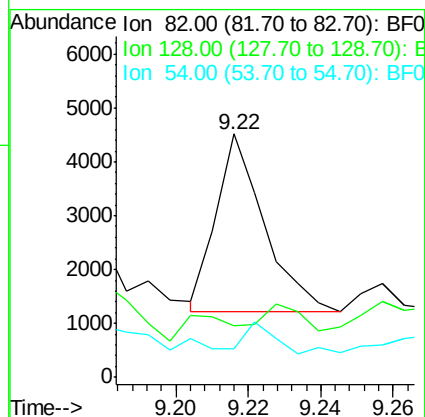
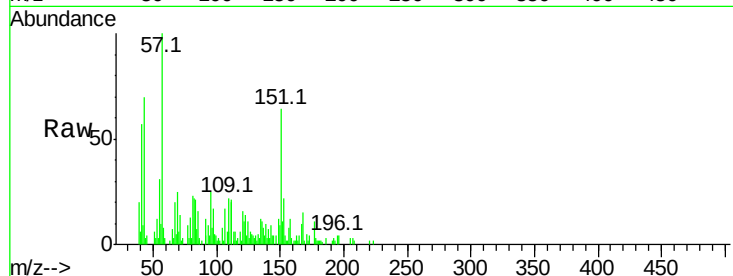




#23
 Nitrobenzene-d5
 Concen: 499.43 ng
 RT: 9.22 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

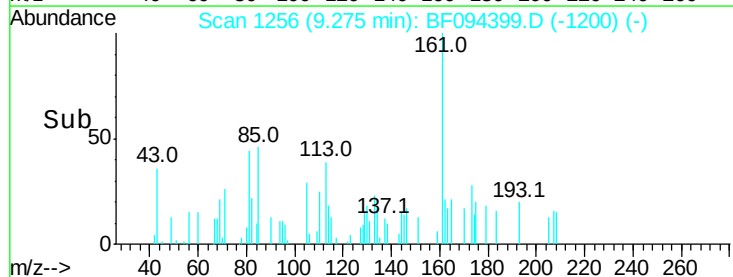
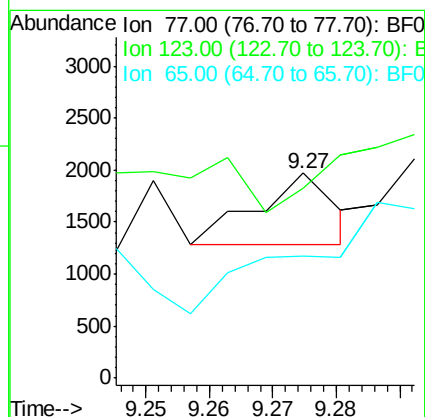
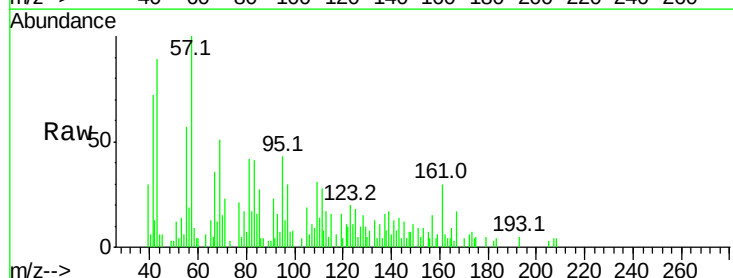
Instrument :
 BNA_F
 ClientSampleId :

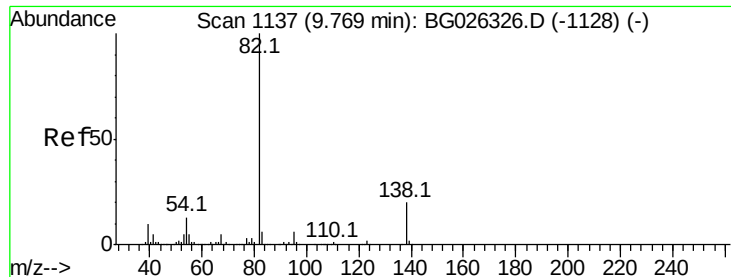
Tot Ion: 82 Resp: 3040
 Ion Ratio Lower Upper
 82 100
 128 21.3 26.4 39.6#
 54 11.6 49.4 74.2#



#24
 Nitrobenzene
 Concen: 97.50 ng
 RT: 9.27 min Scan# 1256
 Delta R.T. 0.03 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

Tgt Ion: 77 Resp: 586
 Ion Ratio Lower Upper
 77 100
 123 93.0 26.1 39.1#
 65 59.6 12.4 18.6#





#25

Isophorone

Concen: 359.56 ng

RT: 9.79 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

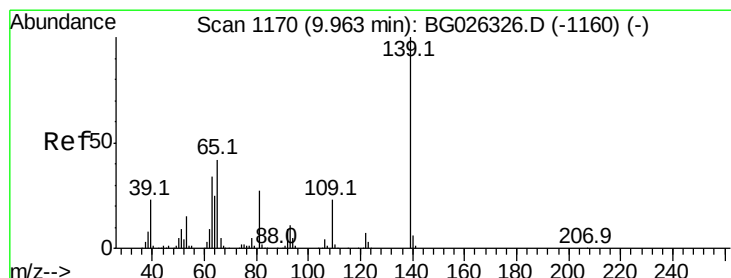
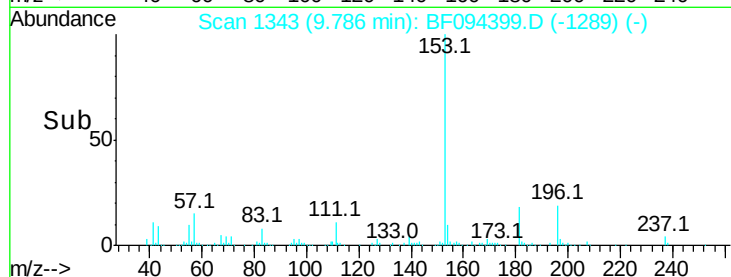
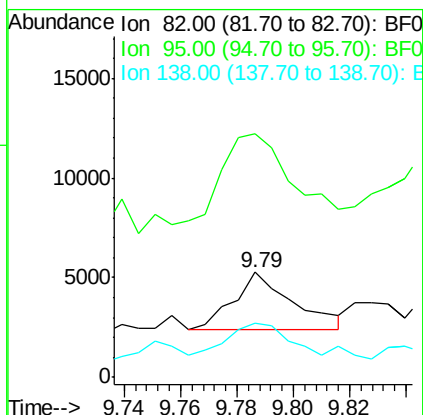
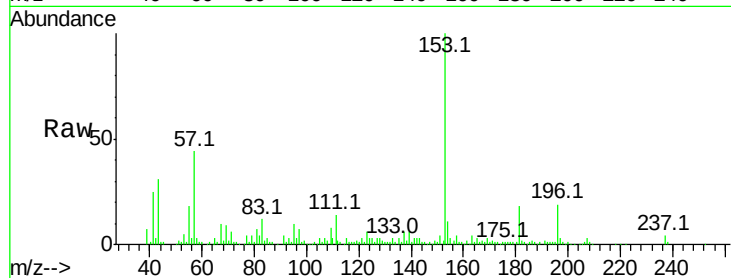
Tot Ion: 82 Resp: 4125

Ion Ratio Lower Upper

82 100

95 232.0 7.5 11.3#

138 52.1 12.3 18.5#



#26

2-Nitrophenol

Concen: 2487.46 ng

RT: 9.99 min Scan# 1378

Delta R.T. 0.03 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

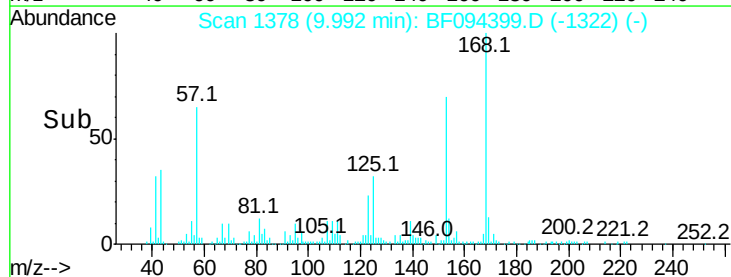
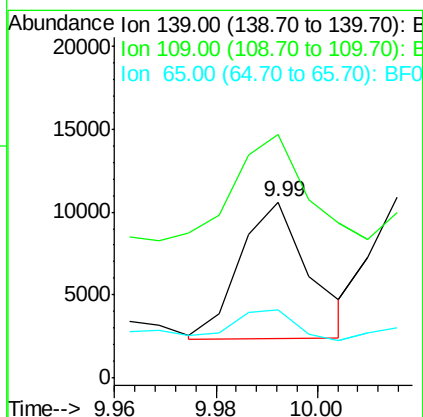
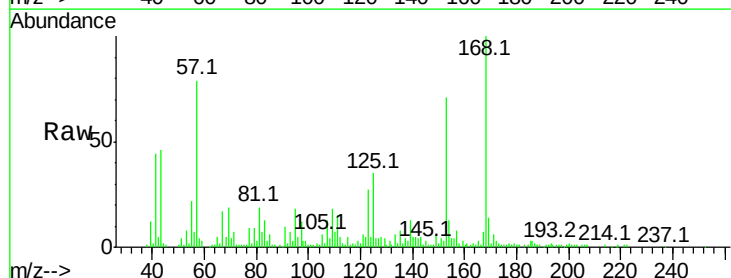
Tgt Ion: 139 Resp: 7779

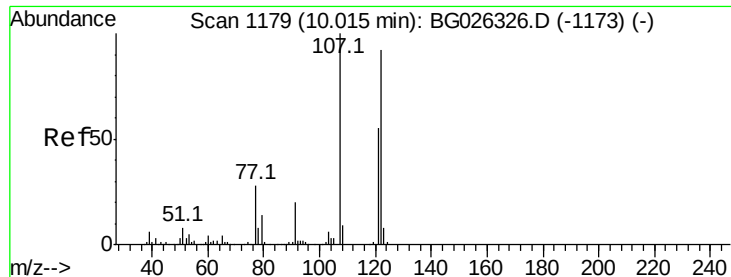
Ion Ratio Lower Upper

139 100

109 138.1 38.6 58.0#

65 38.6 57.1 85.7#





#27

2,4-Dimethylphenol

Concen: 313.25 ng

RT: 10.06 min Scan# 1390

Delta R.T. 0.05 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

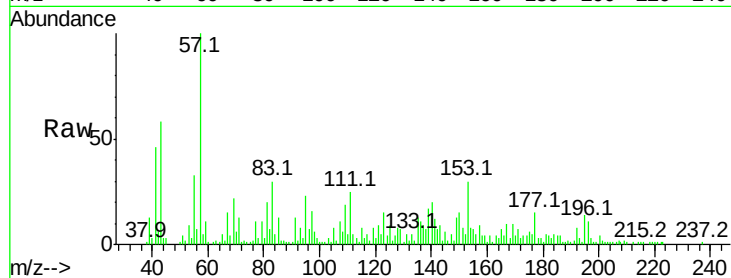
Tot Ion:122 Resp: 1608

Ion Ratio Lower Upper

122 100

107 203.3 104.2 156.4#

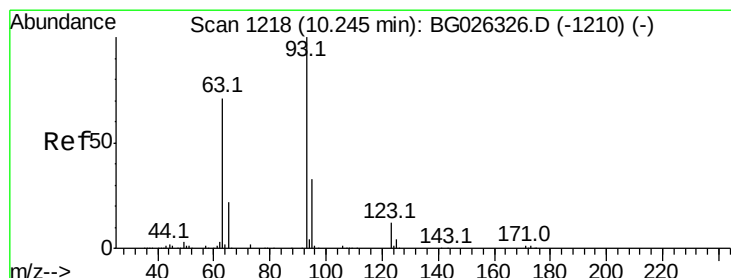
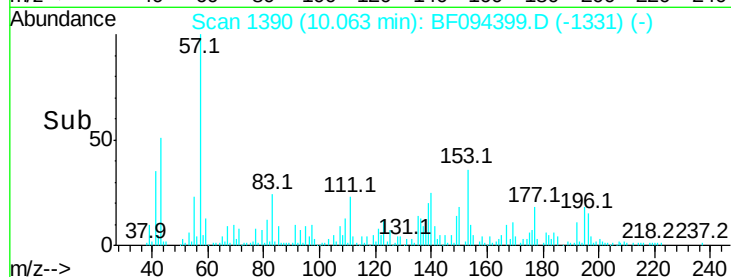
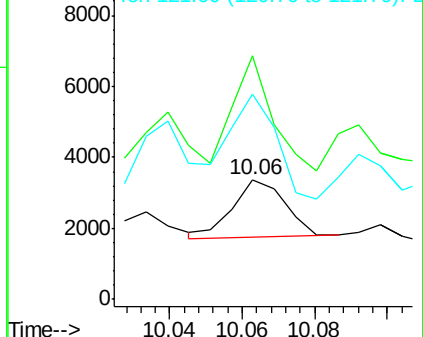
121 171.1 46.0 69.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 196.03 ng

RT: 10.27 min Scan# 1426

Delta R.T. 0.03 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

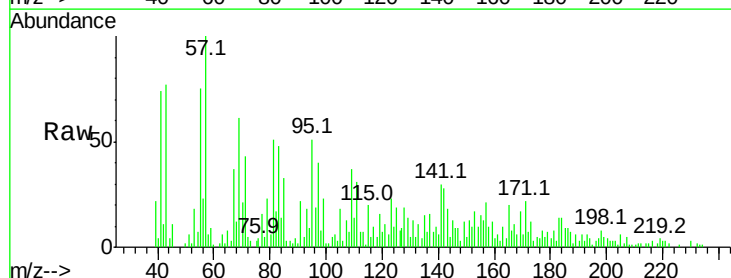
Tgt Ion: 93 Resp: 1461

Ion Ratio Lower Upper

93 100

95 281.8 25.7 38.5#

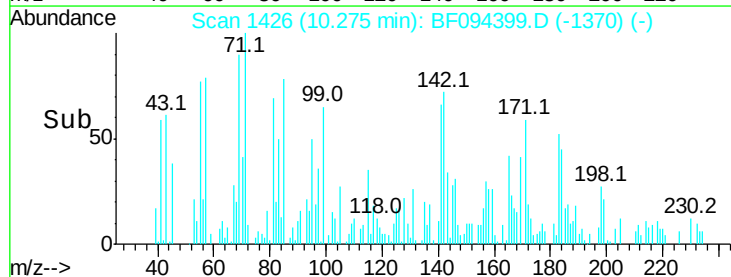
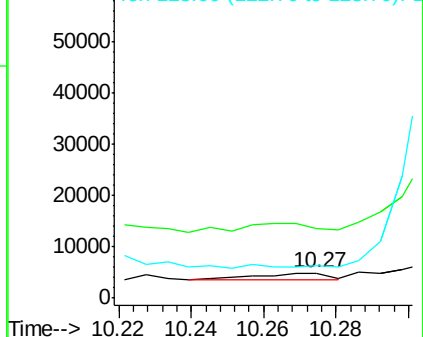
123 128.4 8.3 12.5#

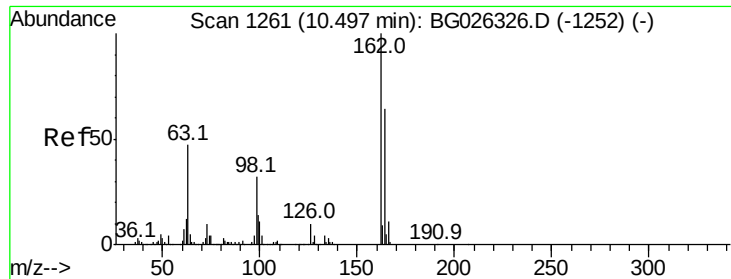


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.38 ng

RT: 10.50 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

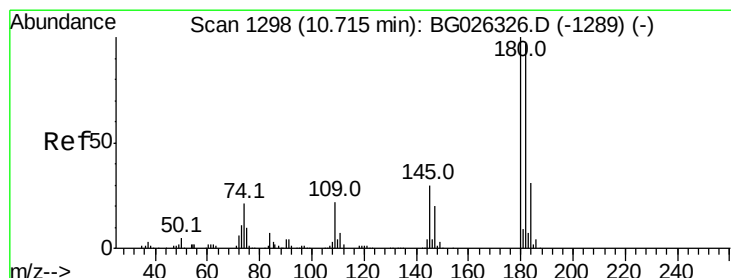
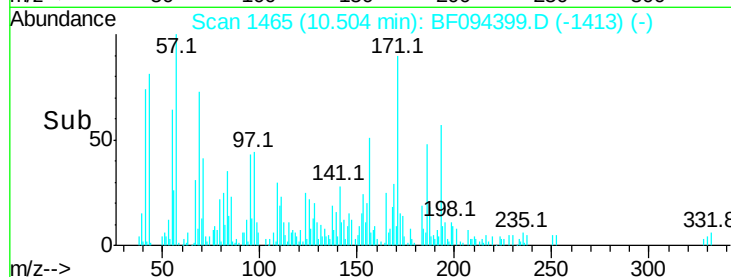
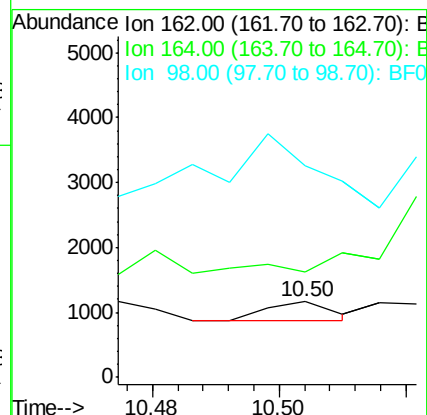
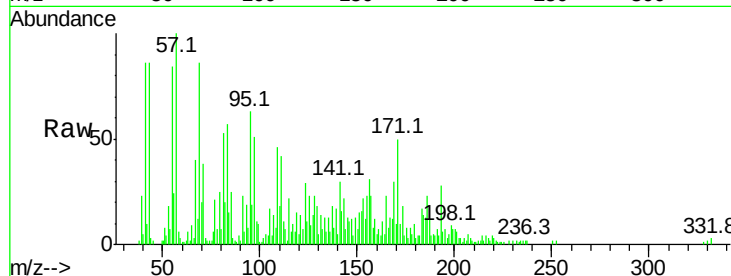
Tot Ion:162 Resp: 220

Ion Ratio Lower Upper

162 100

164 139.8 42.4 82.4#

98 280.0 20.3 60.3#



#30

1,2,4-Trichlorobenzene

Concen: 282.43 ng

RT: 10.74 min Scan# 1505

Delta R.T. 0.02 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

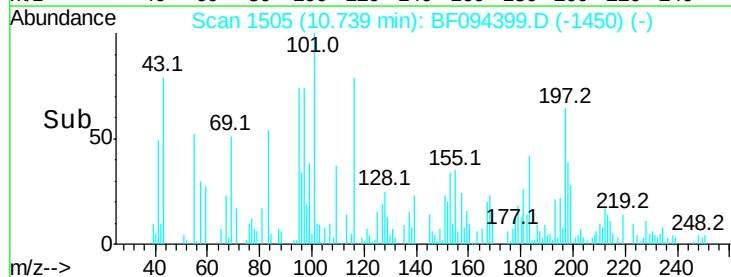
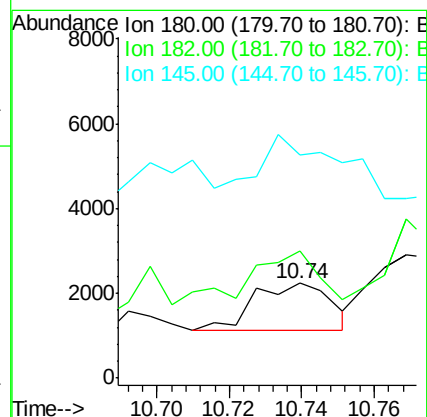
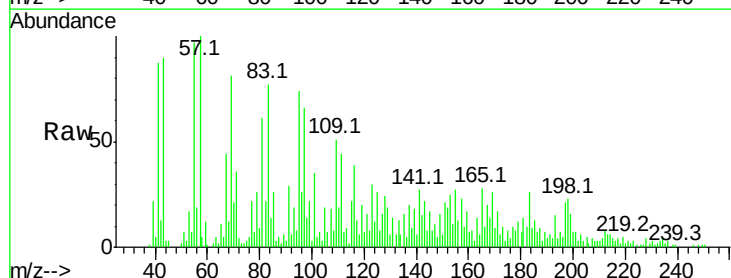
Tgt Ion:180 Resp: 1647

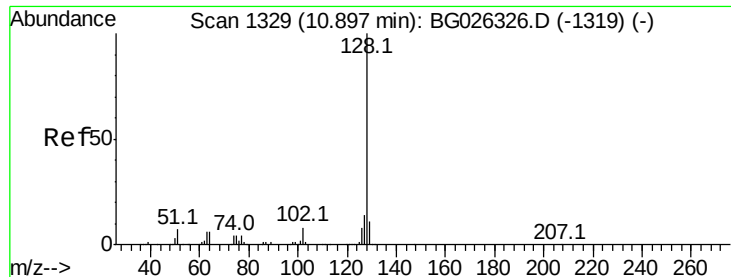
Ion Ratio Lower Upper

180 100

182 133.9 77.0 115.4#

145 235.2 23.4 35.0#

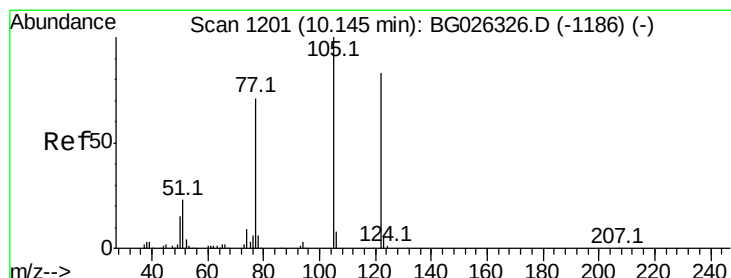
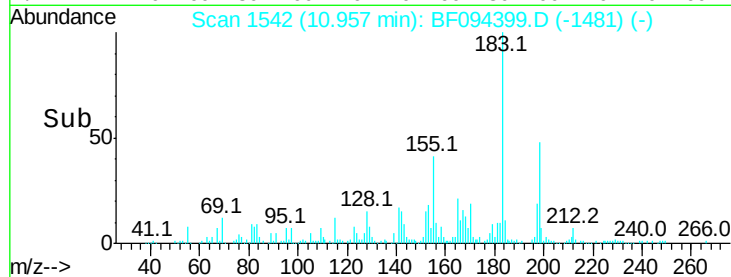
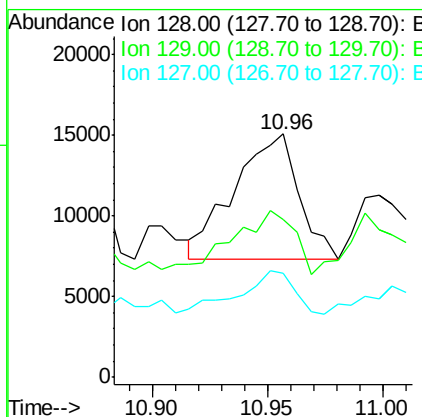
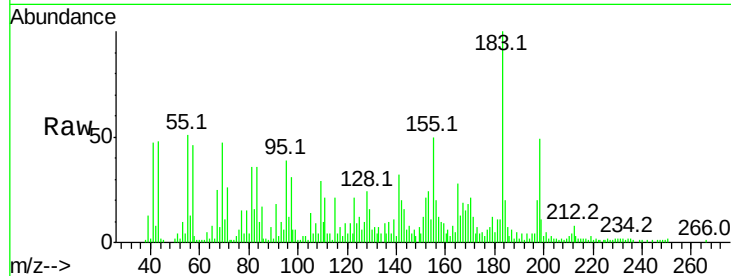




#31
Naphthalene
Concen: 812.08 ng
RT: 10.96 min Scan# 1542
Delta R.T. 0.06 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

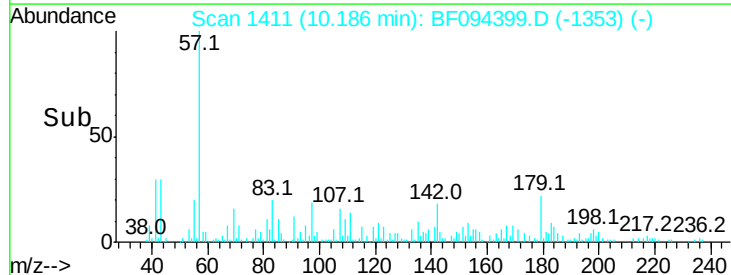
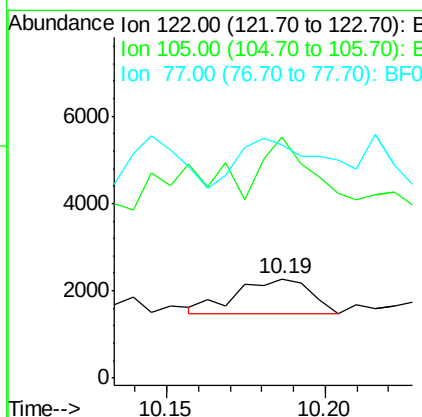
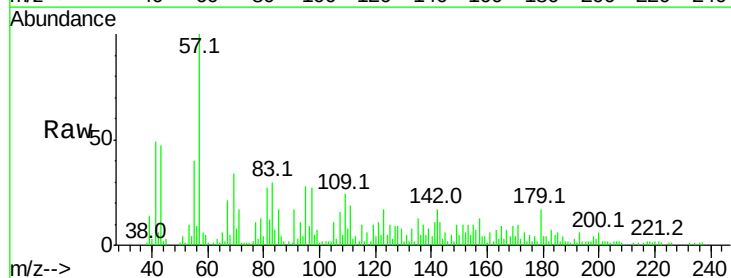
Instrument :
BNA_F
ClientSampleId :

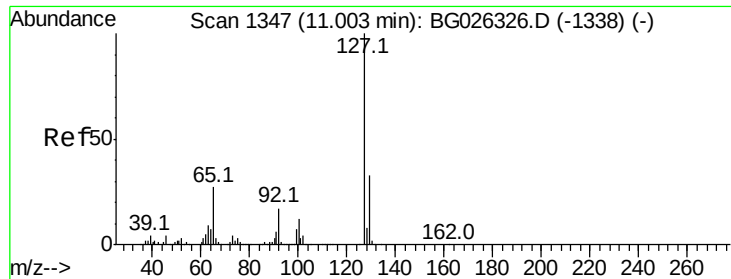
Tot Ion:128 Resp: 15028
Ion Ratio Lower Upper
128 100
129 64.6 9.3 13.9#
127 42.8 11.4 17.0#



#32
Benzoic acid
Concen: 332.67 ng
RT: 10.19 min Scan# 1411
Delta R.T. 0.04 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion:122 Resp: 1314
Ion Ratio Lower Upper
122 100
105 242.9 120.1 160.1#
77 235.1 104.6 144.6#

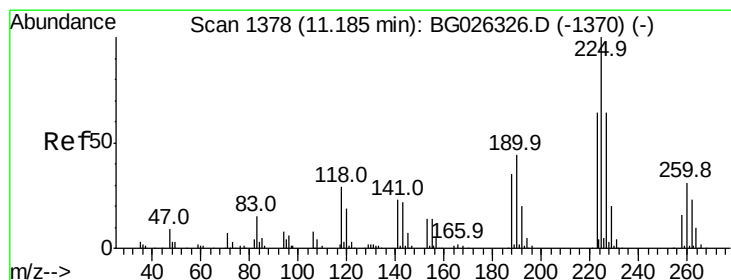
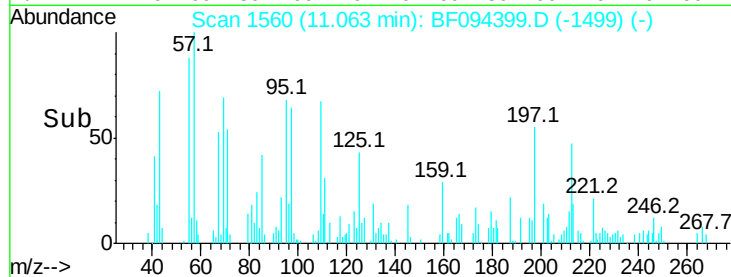
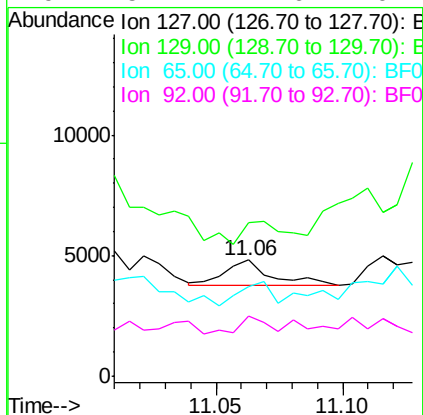
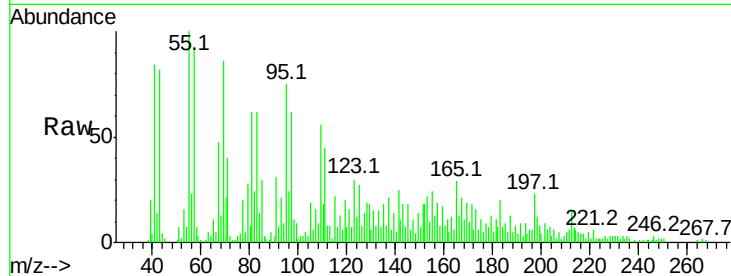




#33
4-Chloroaniline
Concen: 177.23 ng
RT: 11.06 min Scan# 1560
Delta R.T. 0.06 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

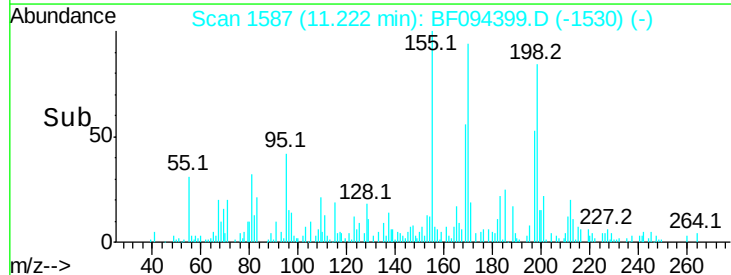
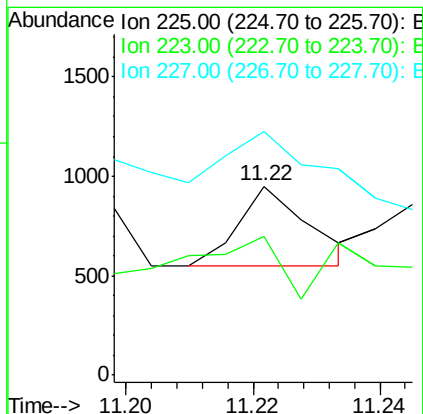
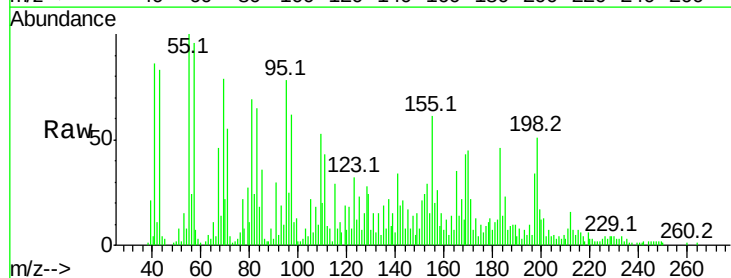
Instrument :
BNA_F
ClientSampled :

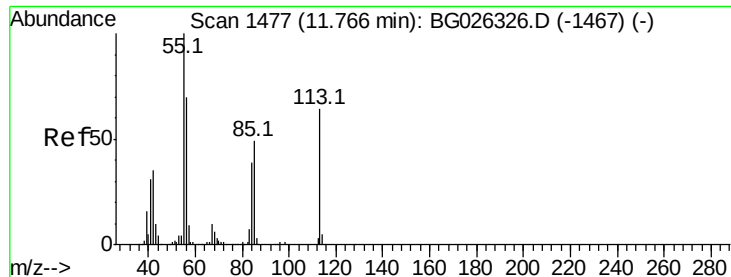
Tot Ion:127 Resp: 1334
Ion Ratio Lower Upper
127 100
129 131.5 23.6 35.4#
65 77.2 37.7 56.5#
92 51.4 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 88.65 ng
RT: 11.22 min Scan# 1587
Delta R.T. 0.04 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion:225 Resp: 305
Ion Ratio Lower Upper
225 100
223 73.6 50.7 76.1
227 129.1 49.0 73.6#





#35

Caprolactam

Concen: 739.19 ng

RT: 11.80 min Scan# 1686

Delta R.T. 0.04 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

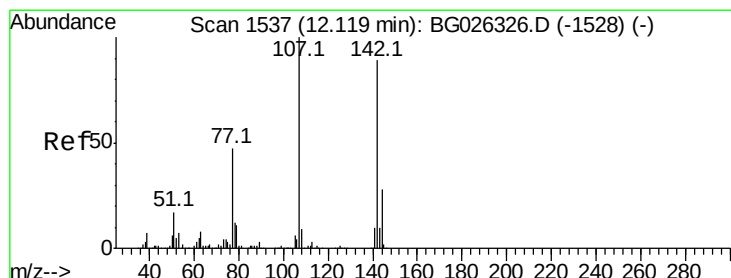
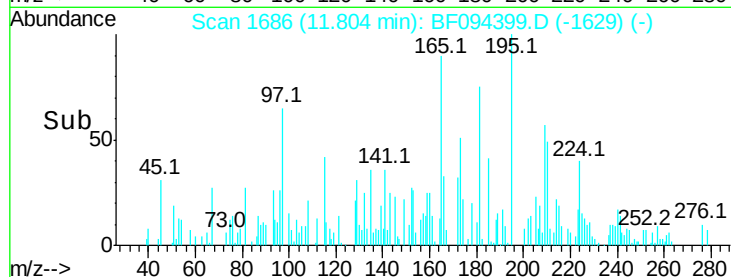
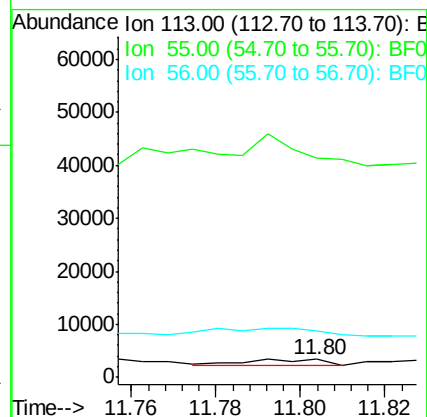
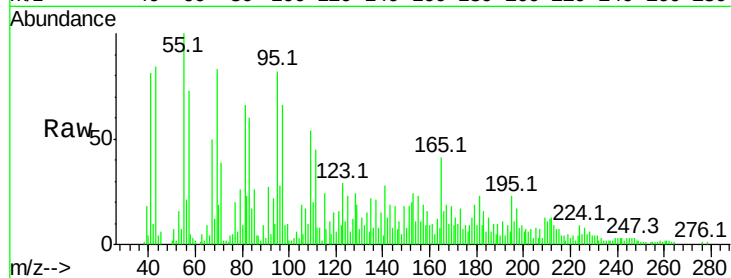
Tot Ion:113 Resp: 1512

Ion Ratio Lower Upper

113 100

55 1217.0 198.6 238.6#

56 257.7 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 174.49 ng

RT: 12.17 min Scan# 1749

Delta R.T. 0.06 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

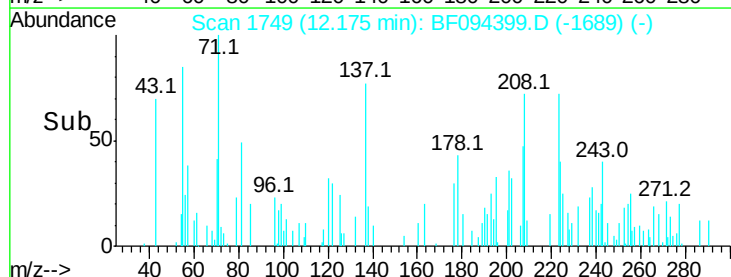
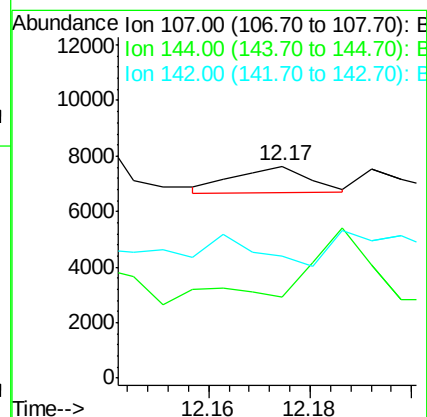
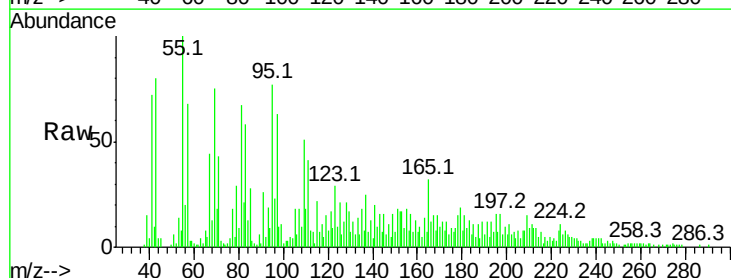
Tgt Ion:107 Resp: 969

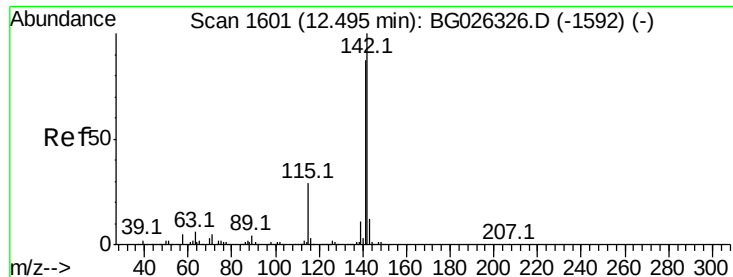
Ion Ratio Lower Upper

107 100

144 38.0 17.4 26.0#

142 57.6 54.1 81.1

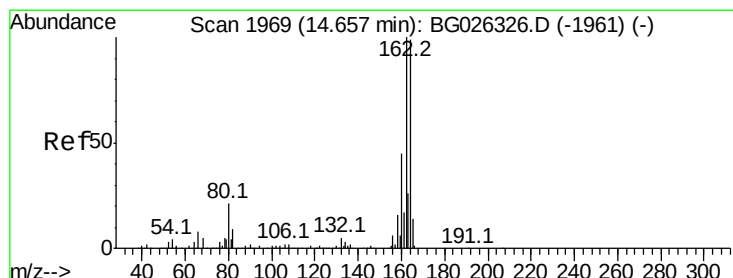
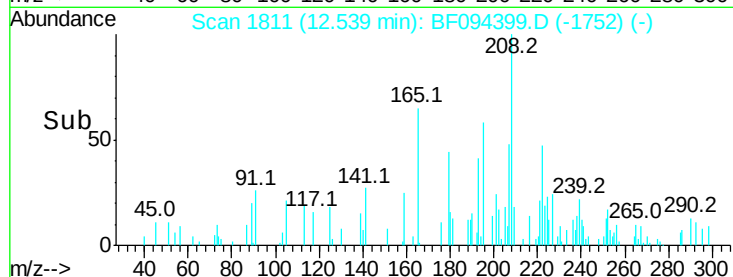
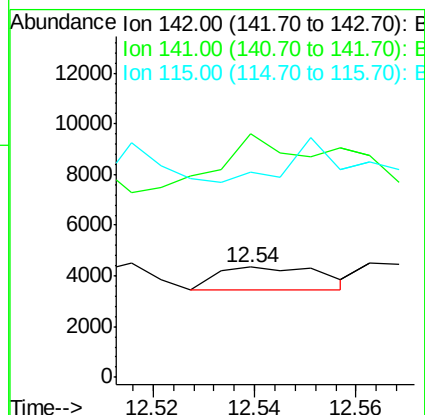
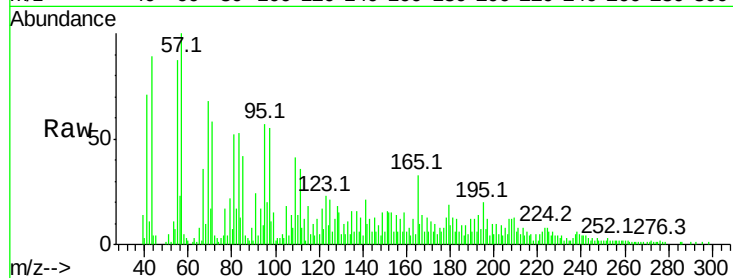




#37
 2-Methylnaphthalene
 Concen: 93.55 ng
 RT: 12.54 min Scan# 1811
 Delta R.T. 0.04 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

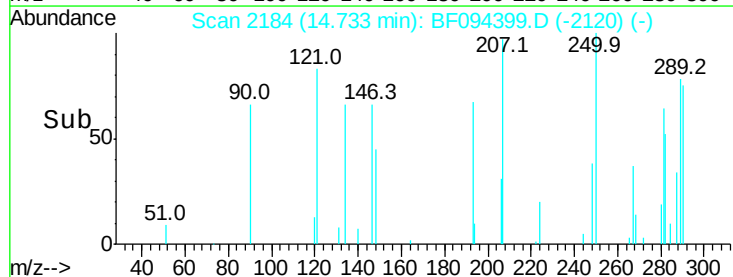
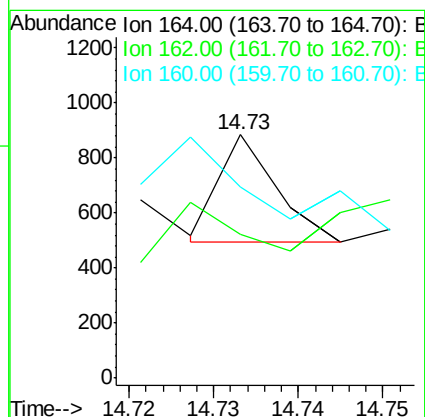
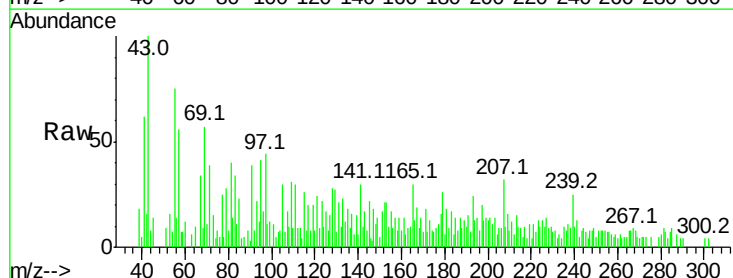
Instrument :
 BNA_F
 ClientSampleId :

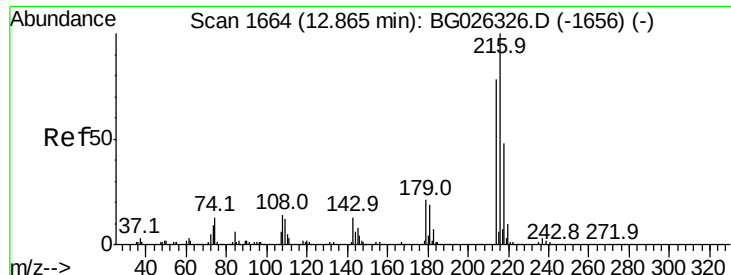
Tot Ion:142 Resp: 1268
 Ion Ratio Lower Upper
 142 100
 141 220.8 70.4 105.6#
 115 185.5 35.5 53.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2184
 Delta R.T. 0.08 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

Tgt Ion:164 Resp: 182
 Ion Ratio Lower Upper
 164 100
 162 59.2 85.1 127.7#
 160 78.5 34.7 52.1#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 60.63 ng

RT: 12.92 min Scan# 1875

Delta R.T. 0.05 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 332

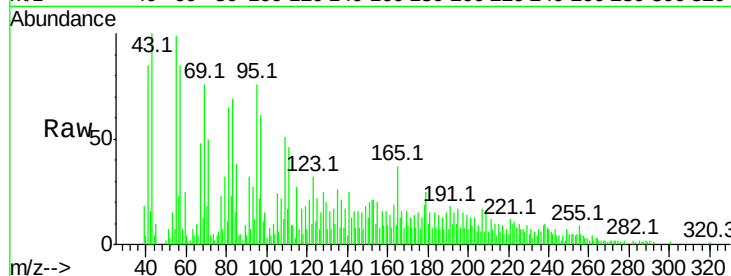
Ion Ratio Lower Upper

216 100

214 0.0 64.4 96.6#

179 563.9 17.4 26.0#

108 292.8 15.6 23.4#

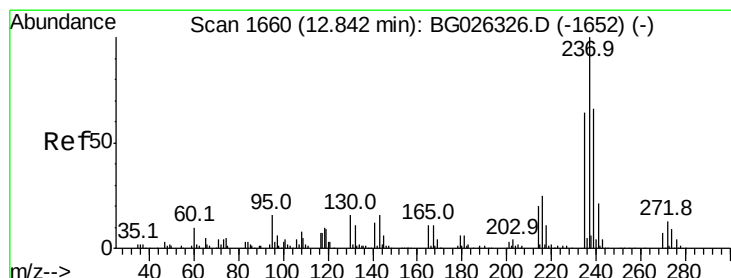
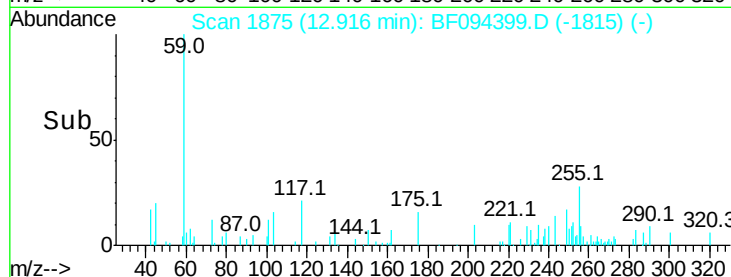
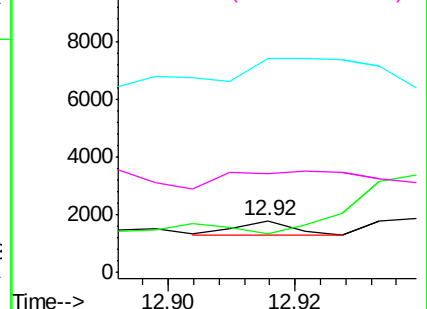


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 626.91 ng

RT: 12.93 min Scan# 1878

Delta R.T. 0.09 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

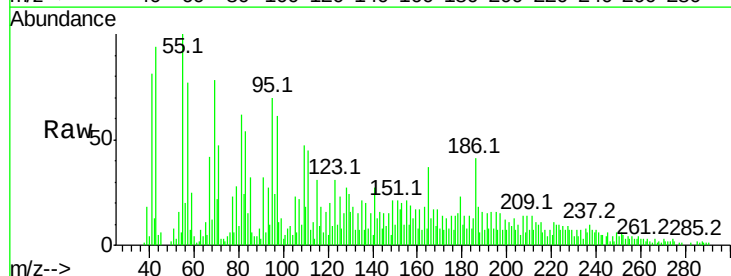
Tgt Ion:237 Resp: 1807

Ion Ratio Lower Upper

237 100

235 77.0 39.4 79.4

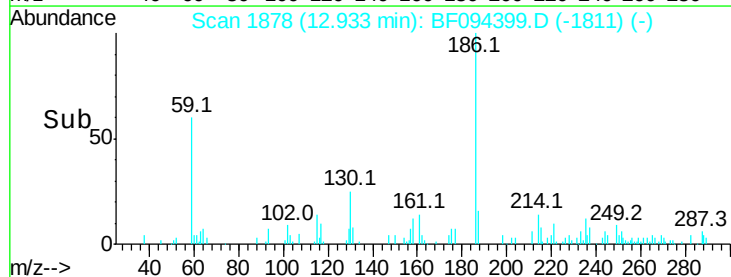
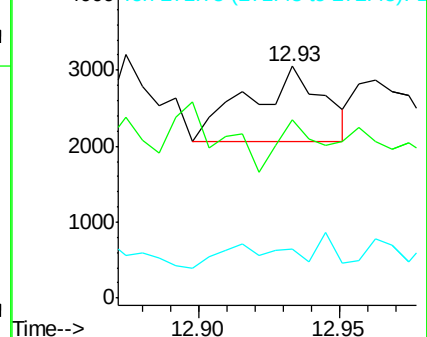
272 20.9 0.0 32.0

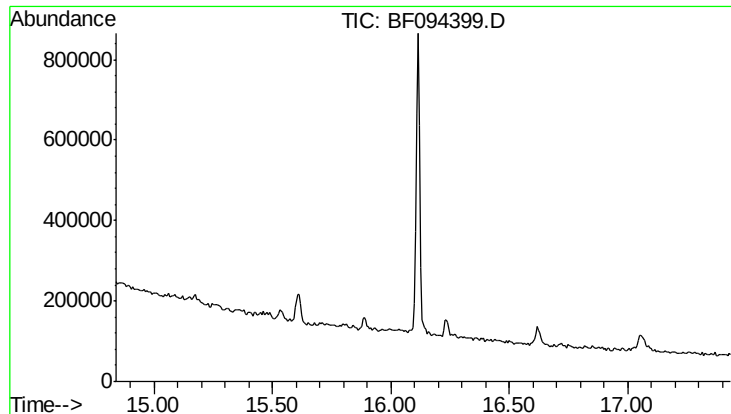


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.14 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

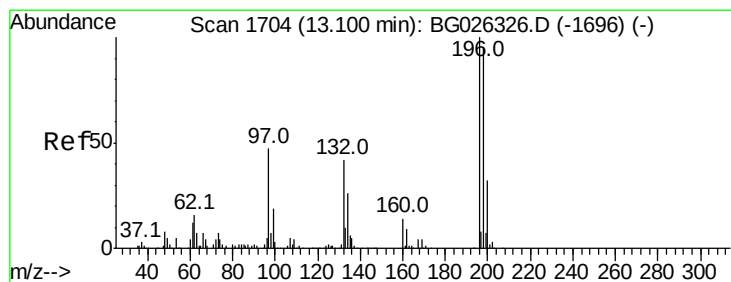
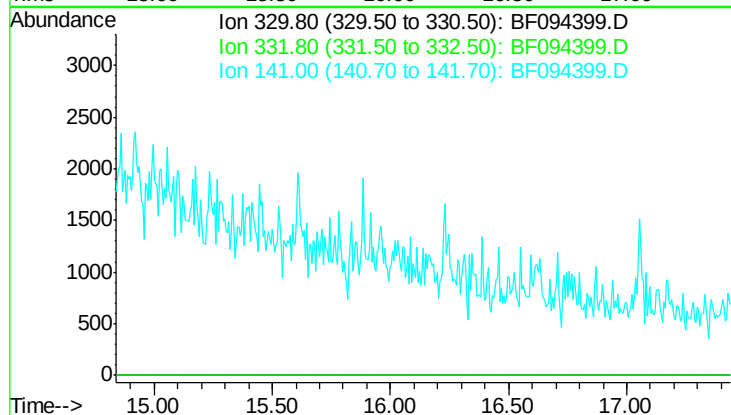
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.6

141 40.1



#42

2,4,6-Trichlorophenol

Concen: 358.40 ng

RT: 13.18 min Scan# 1920

Delta R.T. 0.08 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

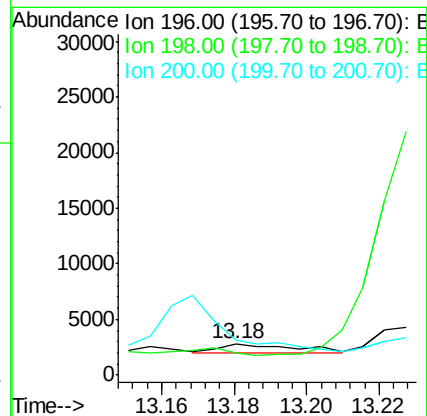
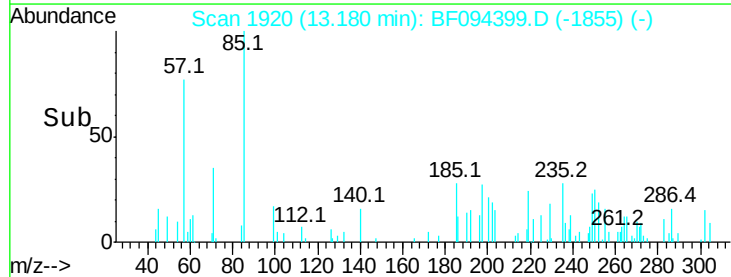
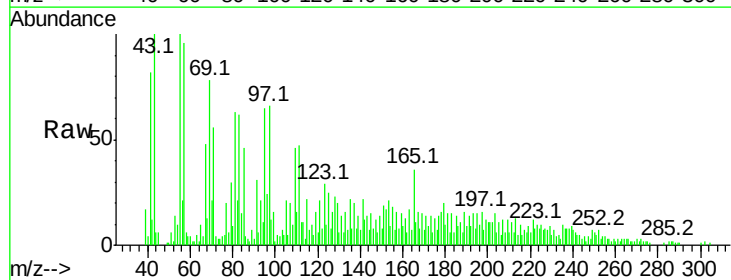
Tgt Ion:196 Resp: 1285

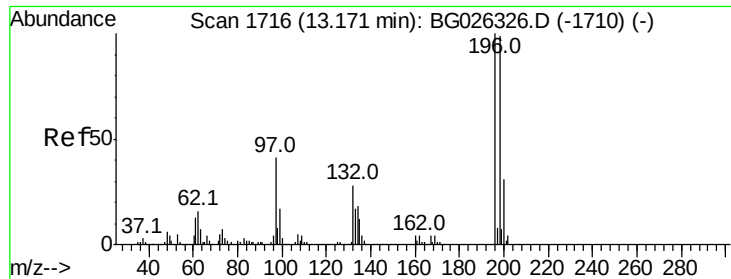
Ion Ratio Lower Upper

196 100

198 69.9 81.4 122.2#

200 111.6 27.0 40.6#





#43

2,4,5-Trichlorophenol

Concen: 1580.33 ng

RT: 13.23 min Scan# 1929

Delta R.T. 0.06 min

Lab File: BF094399.D

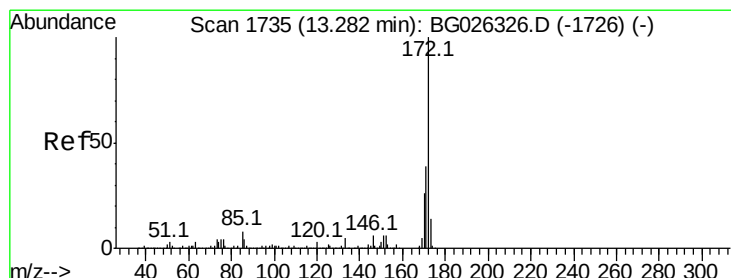
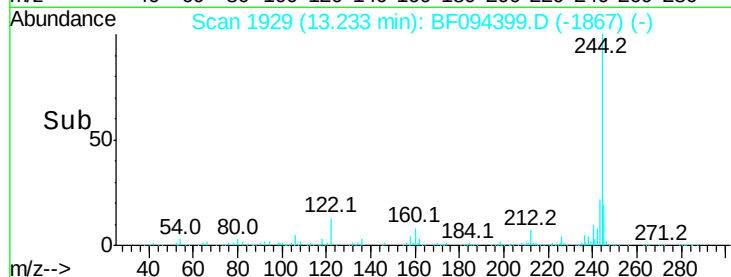
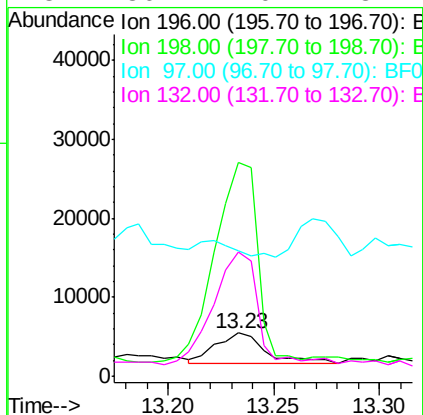
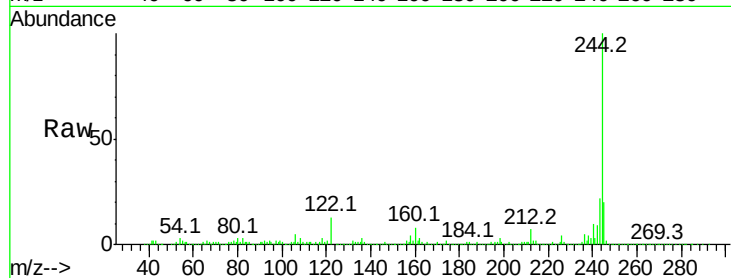
Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196	Resp:	6263
Ion	Ratio	Lower Upper
196	100	
198	493.6	79.9 119.9#
97	289.7	45.4 68.0#
132	286.7	20.7 31.1#



#44

2-Fluorobiphenyl

Concen: 98.71 ng

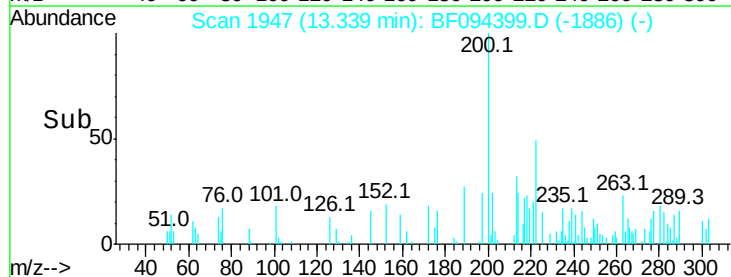
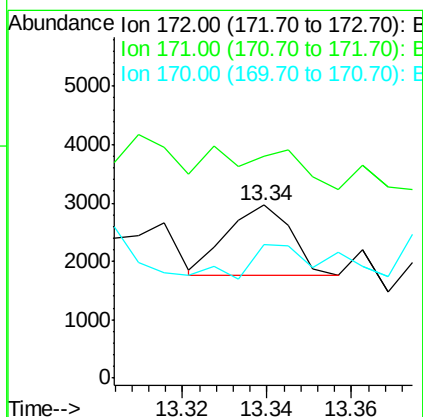
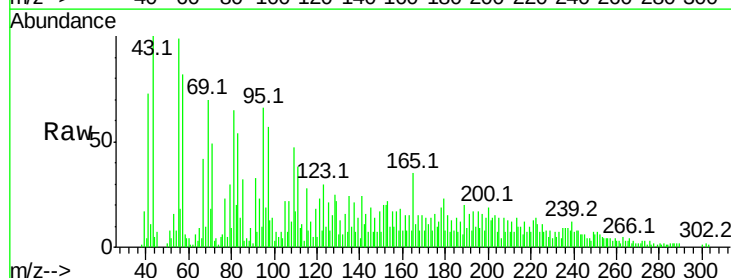
RT: 13.34 min Scan# 1947

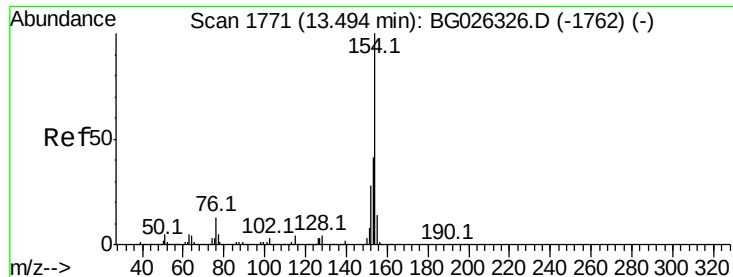
Delta R.T. 0.06 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Tgt Ion:172	Resp:	1281
Ion	Ratio	Lower Upper
172	100	
171	128.3	32.2 48.2#
170	77.2	21.8 32.6#





#45

1,1'-Biphenyl

Concen: 49.89 ng

RT: 13.57 min Scan# 1986

Delta R.T. 0.07 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

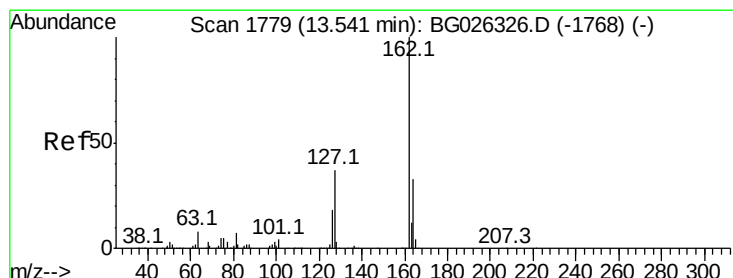
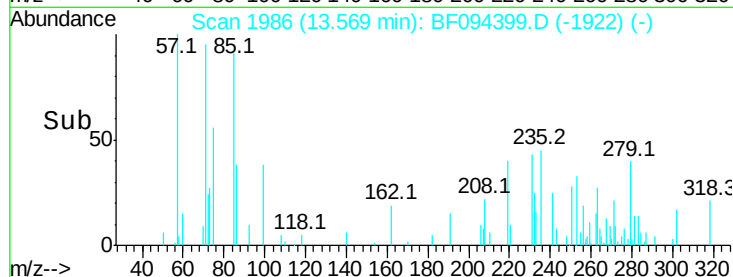
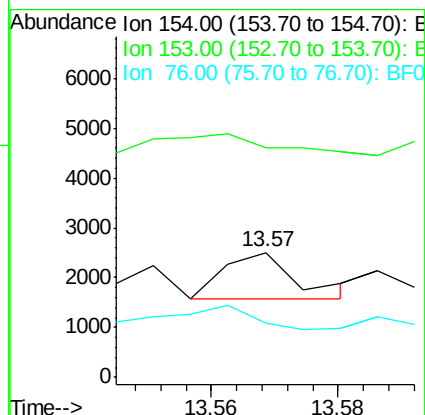
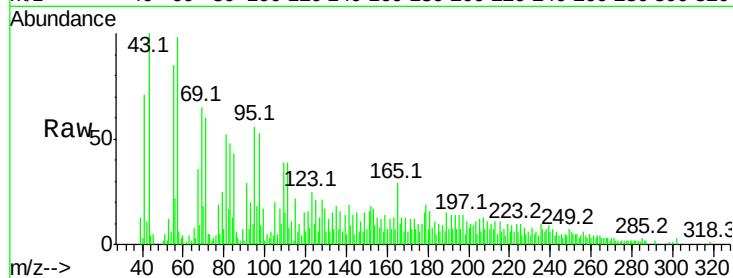
Tot Ion:154 Resp: 752

Ion Ratio Lower Upper

154 100

153 184.2 23.0 63.0#

76 43.1 0.0 33.5#



#46

2-Chloronaphthalene

Concen: 68.04 ng

RT: 13.60 min Scan# 1992

Delta R.T. 0.06 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

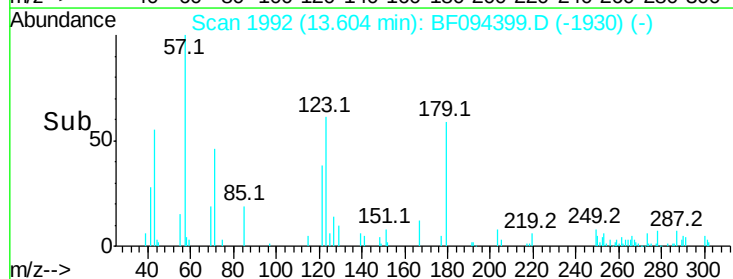
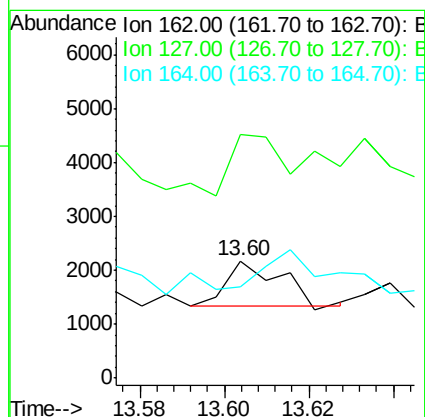
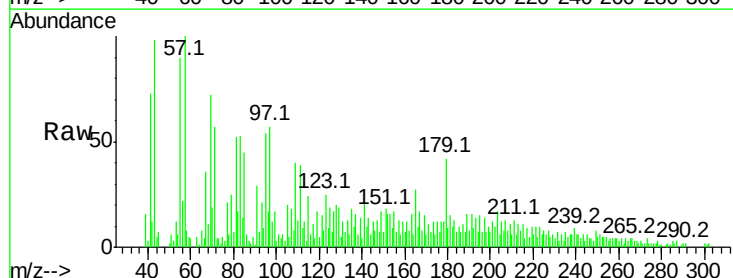
Tgt Ion:162 Resp: 749

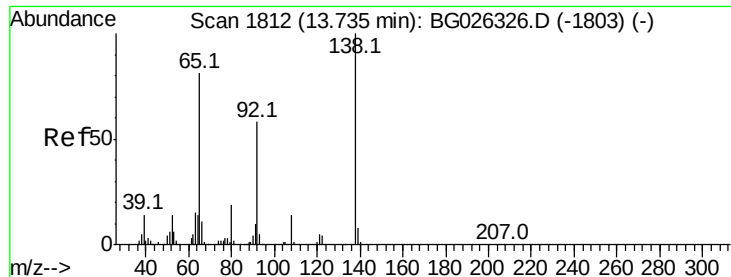
Ion Ratio Lower Upper

162 100

127 208.0 32.2 48.4#

164 77.5 27.3 40.9#

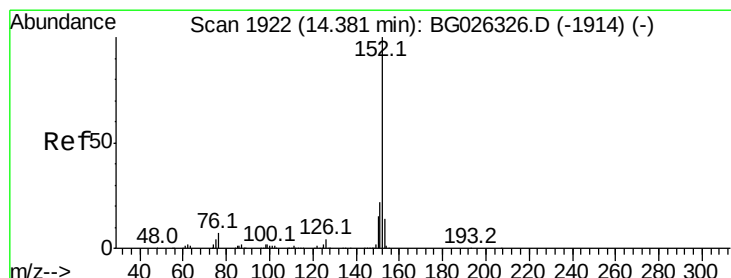
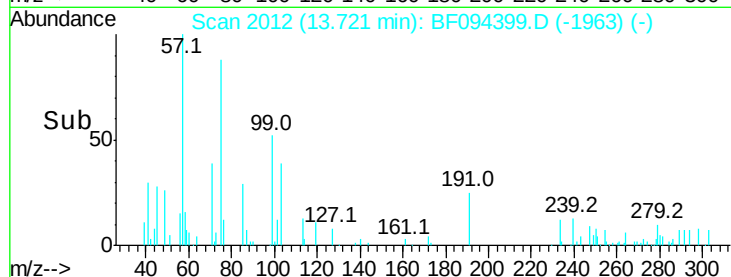
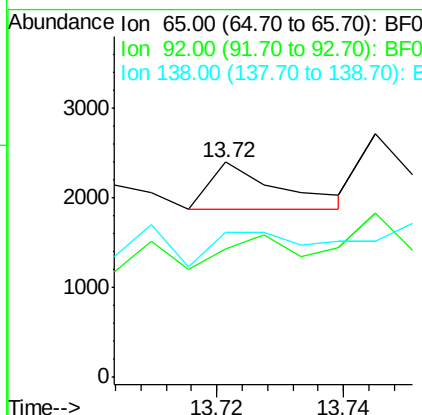
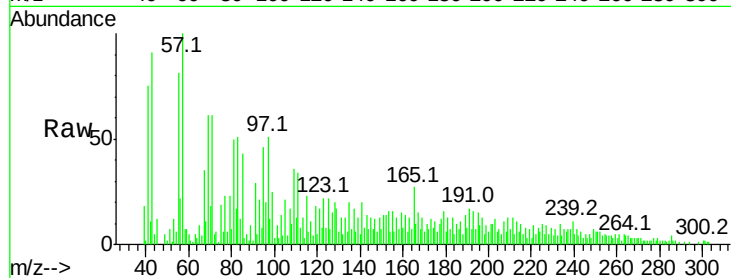




#47
2-Nitroaniline
Concen: 131.60 ng
RT: 13.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

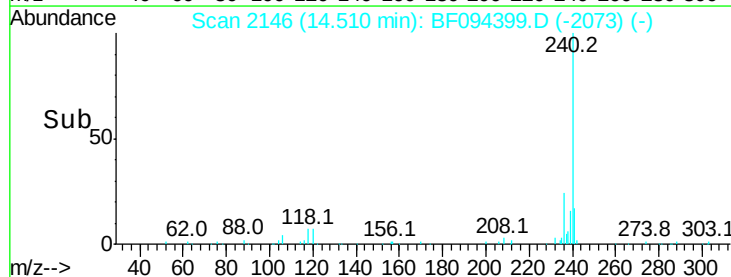
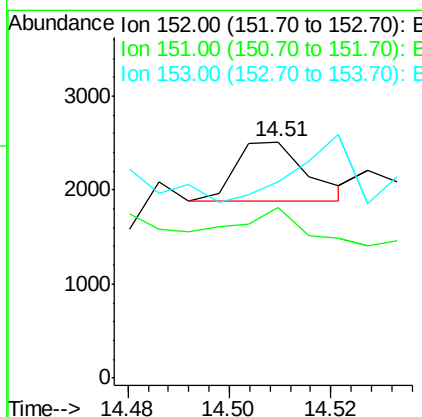
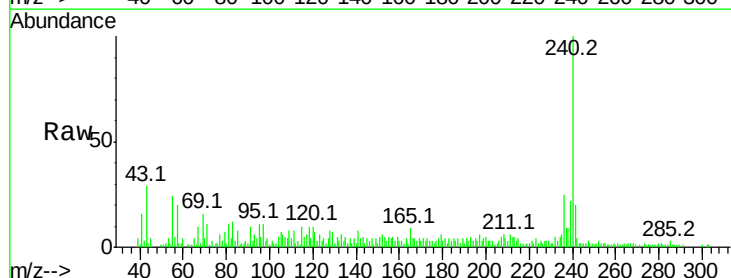
Instrument :
BNA_F
ClientSampled :

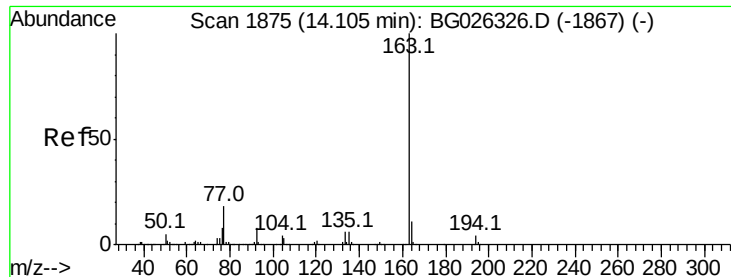
Tot Ion: 65 Resp: 412
Ion Ratio Lower Upper
65 100
92 59.9 49.0 73.4
138 67.7 58.6 87.8



#48
Acenaphthylene
Concen: 32.57 ng
RT: 14.51 min Scan# 2146
Delta R.T. 0.13 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion: 152 Resp: 625
Ion Ratio Lower Upper
152 100
151 72.3 18.2 27.2#
153 83.1 11.3 16.9#

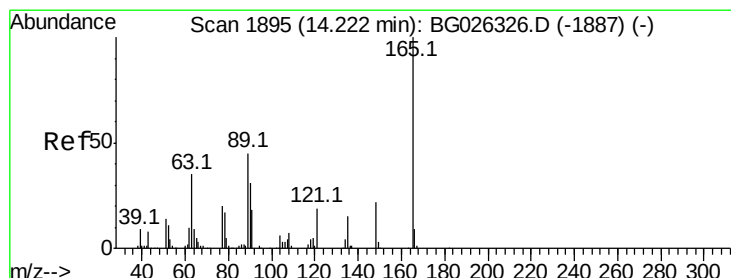
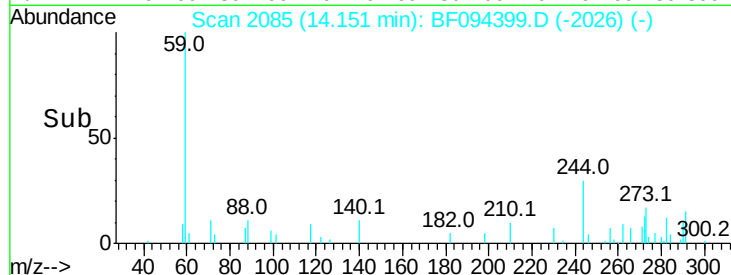
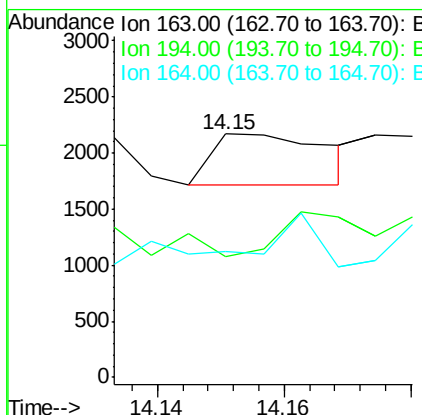
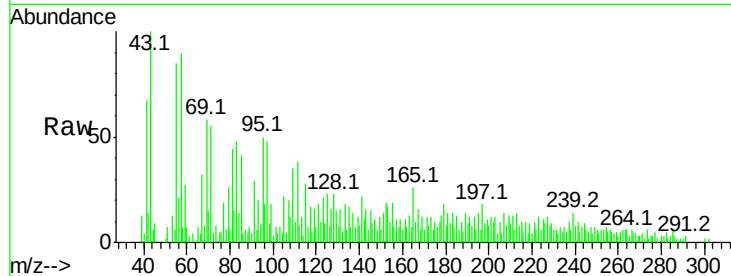




#49
 Dimethylphthalate
 Concen: 41.78 ng
 RT: 14.15 min Scan# 2085
 Delta R.T. 0.05 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

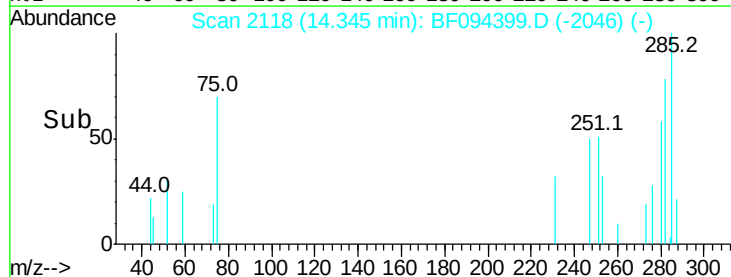
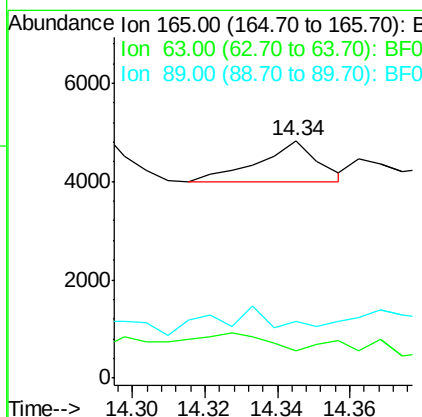
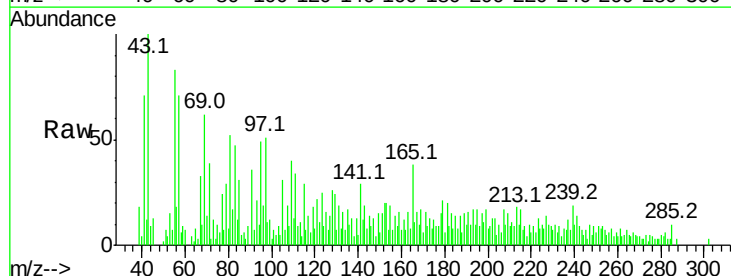
Instrument :
 BNA_F
 ClientSampleId :

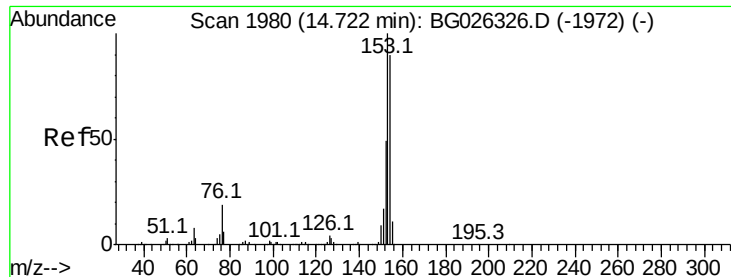
Tot Ion	Ratio	Lower	Upper
163	100		
194	49.5	3.8	5.6#
164	51.5	9.3	13.9#



#50
 2,6-Dinitrotoluene
 Concen: 301.92 ng
 RT: 14.34 min Scan# 2118
 Delta R.T. 0.12 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	11.7	63.9	95.9#
89	24.2	58.6	88.0#





#51

Acenaphthene

Concen: 50.60 ng

RT: 14.79 min Scan# 2194

Delta R.T. 0.07 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

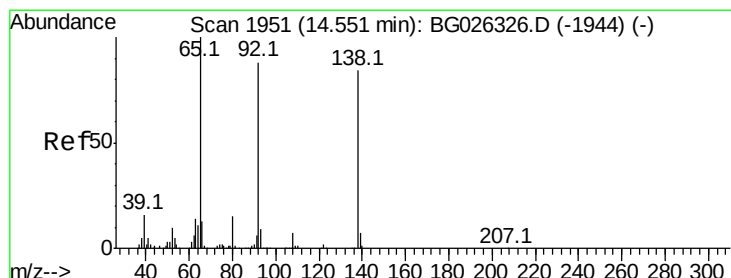
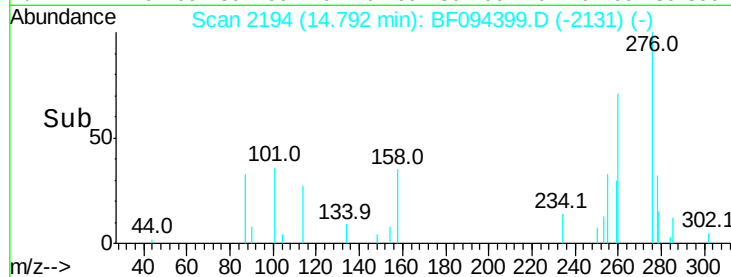
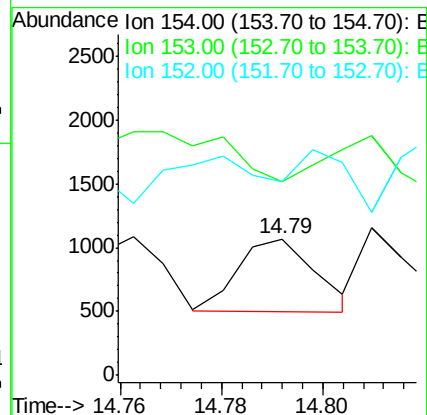
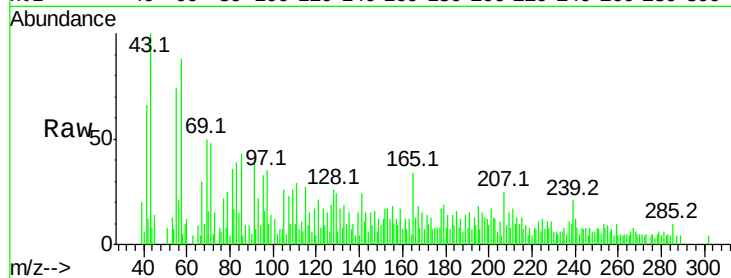
Tot Ion:154 Resp: 598

Ion Ratio Lower Upper

154 100

153 142.2 87.8 131.6#

152 142.4 42.2 63.4#



#52

3-Nitroaniline

Concen: 72.80 ng

RT: 14.64 min Scan# 2168

Delta R.T. 0.09 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

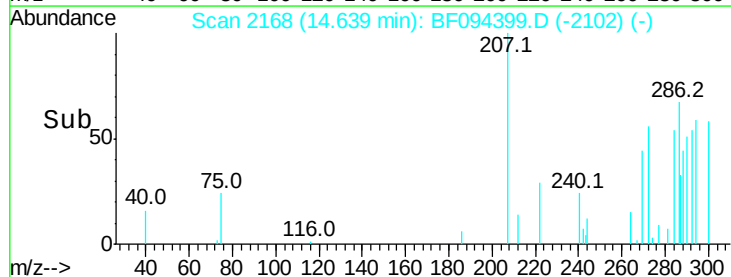
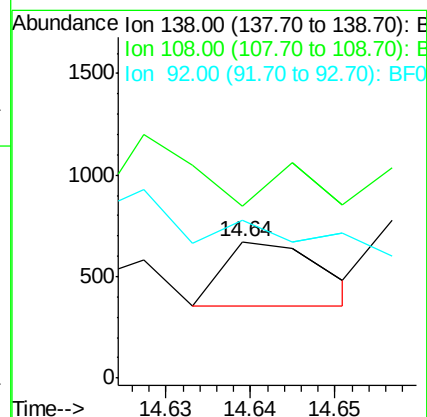
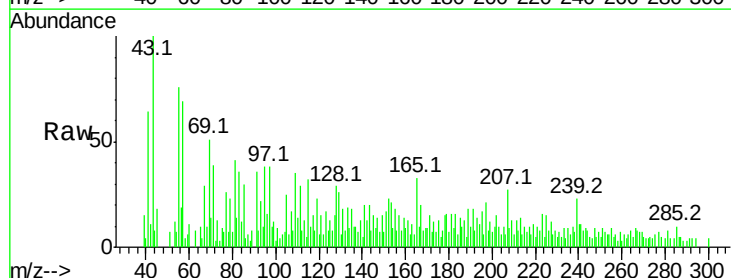
Tgt Ion:138 Resp: 257

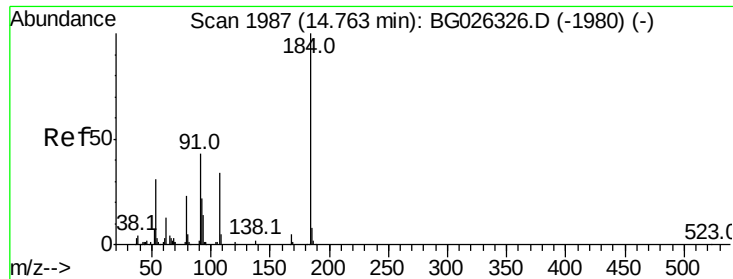
Ion Ratio Lower Upper

138 100

108 126.0 10.9 16.3#

92 115.5 115.3 172.9

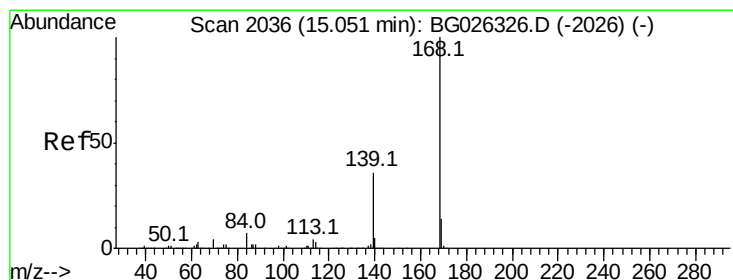
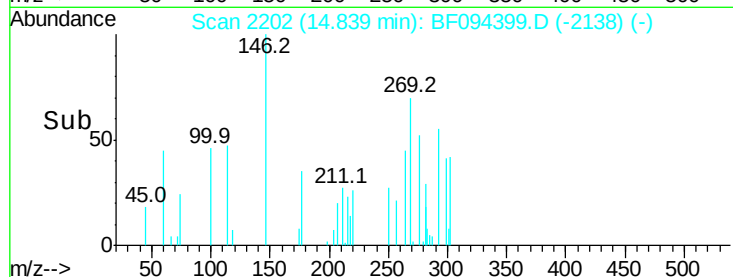
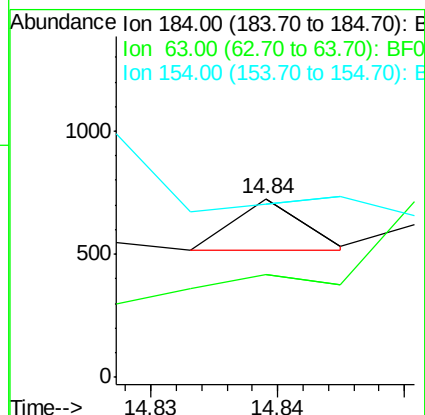
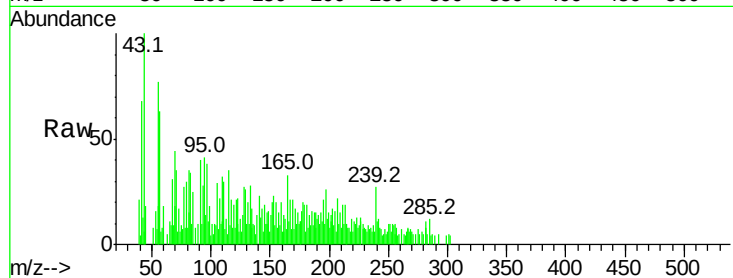




#53
2,4-Dinitrophenol
Concen: 42.48 ng
RT: 14.84 min Scan# 2202
Delta R.T. 0.08 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

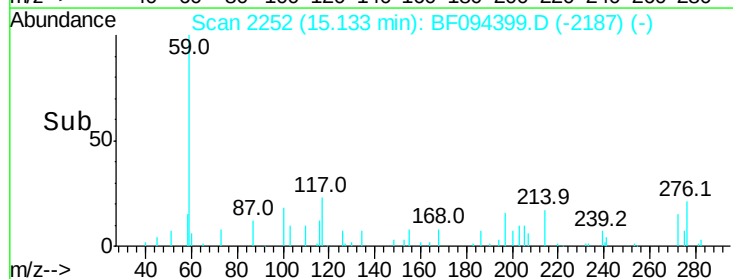
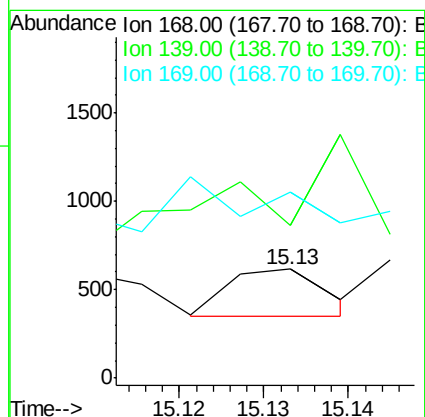
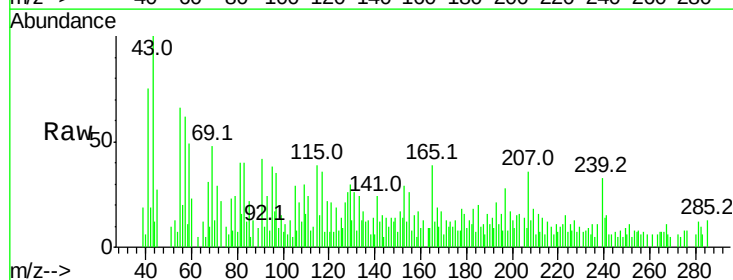
Instrument :
BNA_F
ClientSampleId :

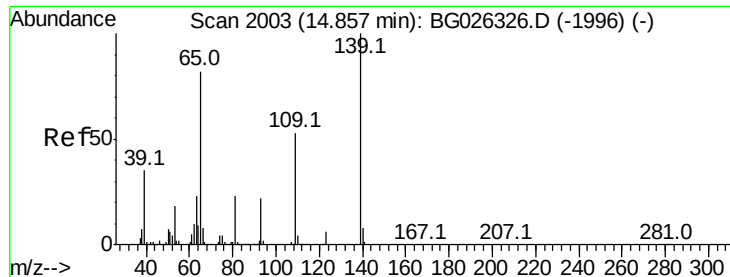
Tot Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 57.7 52.7 79.1
154 97.2 57.3 85.9#



#54
Dibenzofuran
Concen: 12.62 ng
RT: 15.13 min Scan# 2252
Delta R.T. 0.08 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion:168 Resp: 210
Ion Ratio Lower Upper
168 100
139 140.6 35.3 52.9#
169 171.1 11.5 17.3#





#55

4-Nitrophenol

Concen: 95.13 ng

RT: 14.94 min Scan# 2219

Delta R.T. 0.08 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

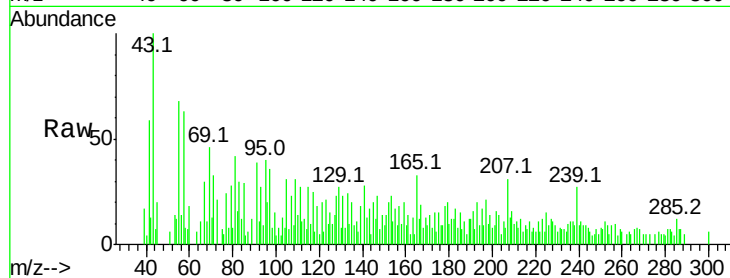
Tot Ion:139 Resp: 275

Ion Ratio Lower Upper

139 100

109 177.1 101.2 141.2#

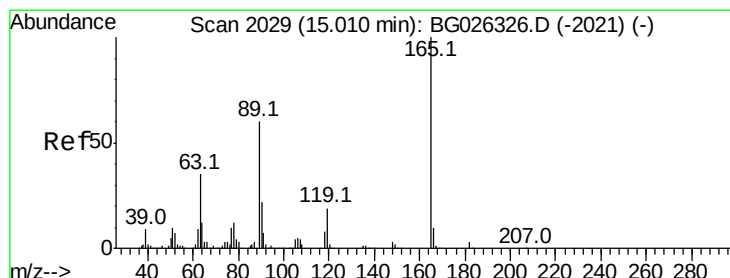
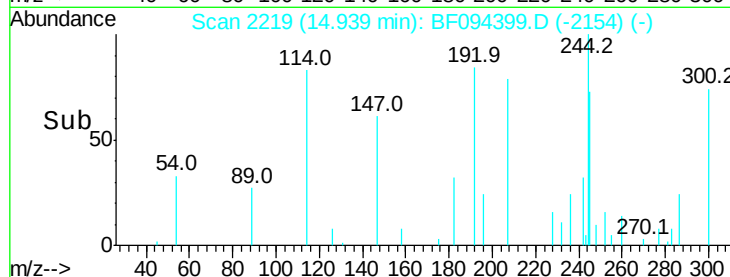
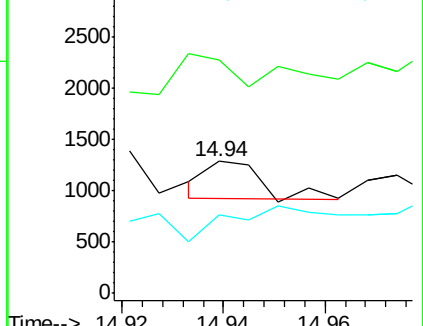
65 59.9 135.3 175.3#



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: 68.08 ng

RT: 15.07 min Scan# 2241

Delta R.T. 0.06 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Tgt Ion:165 Resp: 307

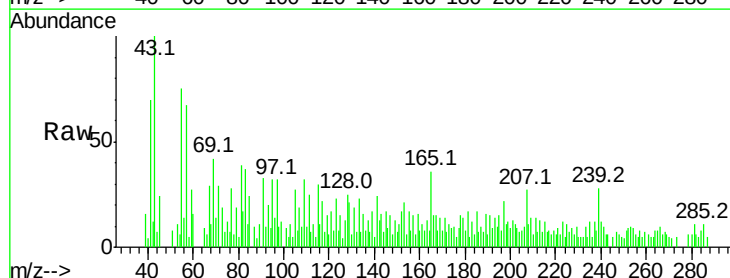
Ion Ratio Lower Upper

165 100

63 0.0 44.0 66.0#

89 30.1 67.3 100.9#

182 13.5 3.8 5.6#

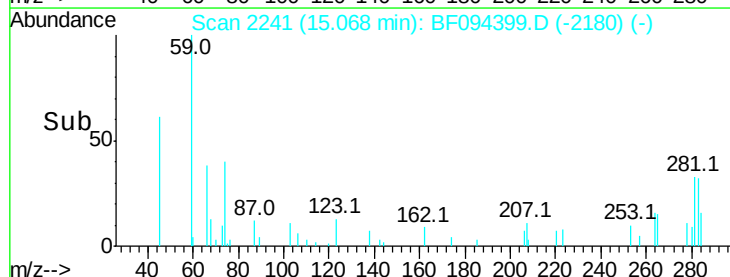
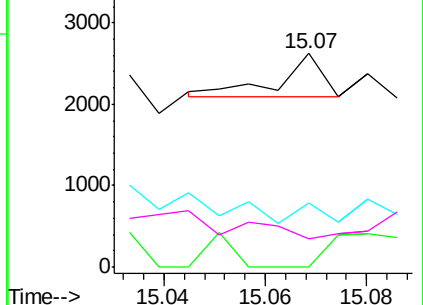


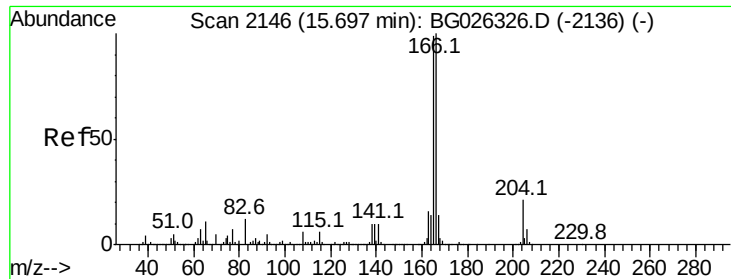
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 29.65 ng

RT: 15.77 min Scan# 2361

Delta R.T. 0.08 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampled :

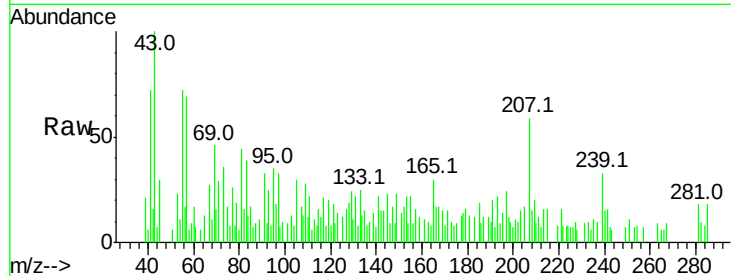
Tot Ion:166 Resp: 439

Ion Ratio Lower Upper

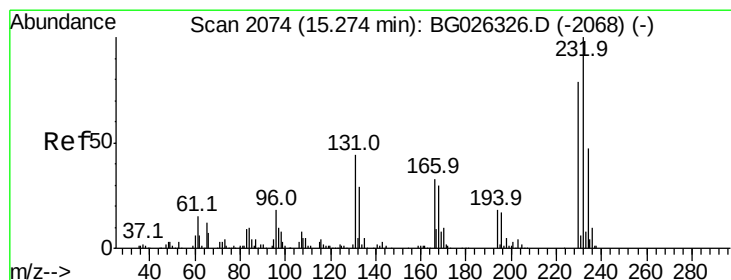
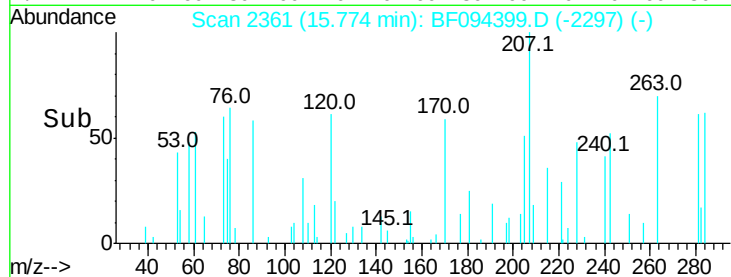
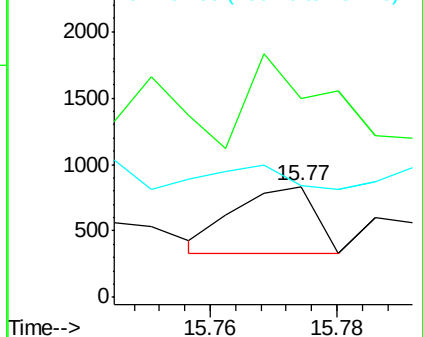
166 100

165 179.9 78.6 117.8#

167 100.7 11.6 17.4#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 119.49 ng

RT: 15.33 min Scan# 2286

Delta R.T. 0.06 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Tgt Ion:232 Resp: 413

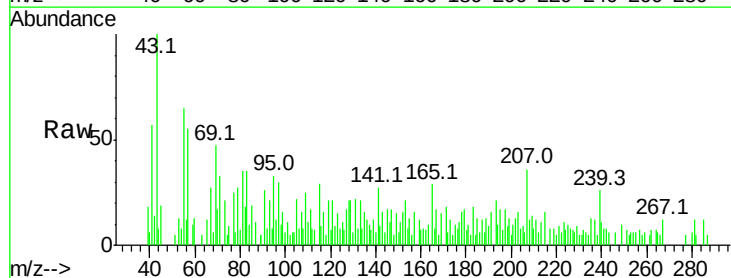
Ion Ratio Lower Upper

232 100

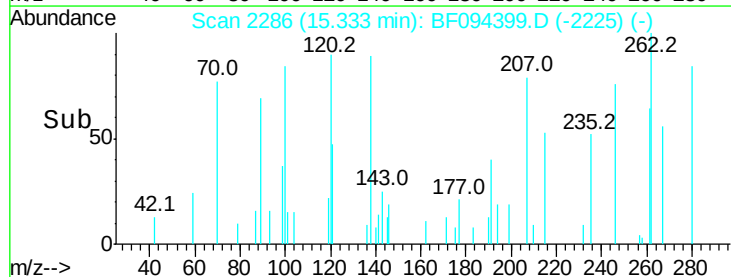
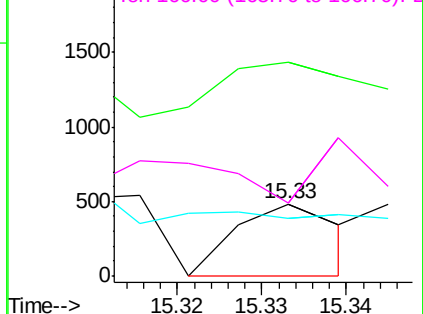
131 103.1 34.9 52.3#

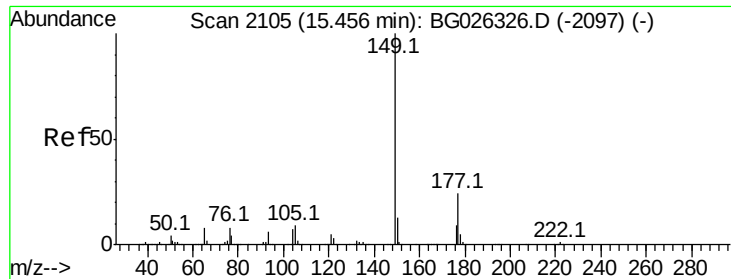
130 0.0 2.3 3.5#

166 58.6 24.2 36.4#



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 53.34 ng

RT: 15.55 min Scan# 2323

Delta R.T. 0.09 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

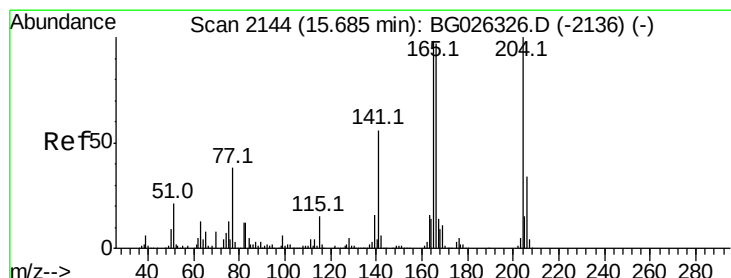
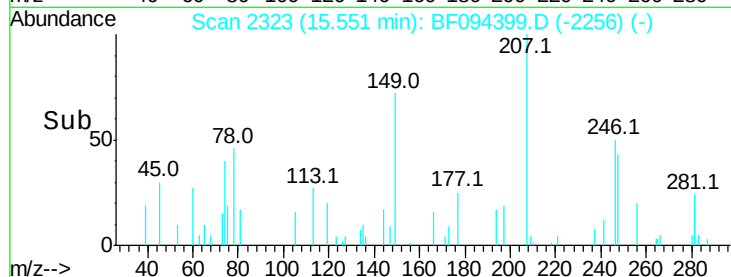
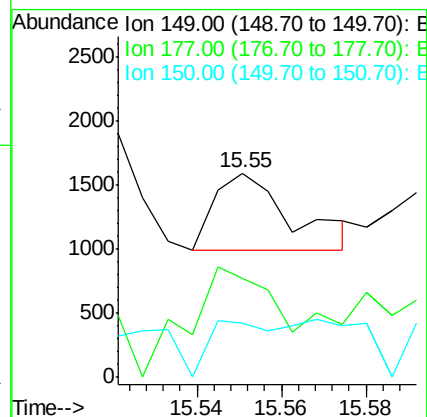
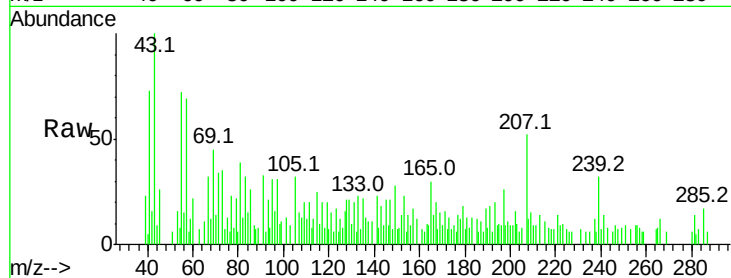
Tot Ion:149 Resp: 749

Ion Ratio Lower Upper

149 100

177 48.3 20.1 30.1#

150 26.4 10.2 15.2#



#60

4-Chlorophenyl-phenylether

Concen: 18.53 ng

RT: 15.76 min Scan# 2358

Delta R.T. 0.07 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

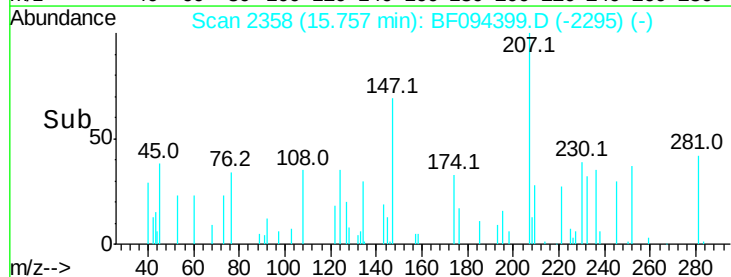
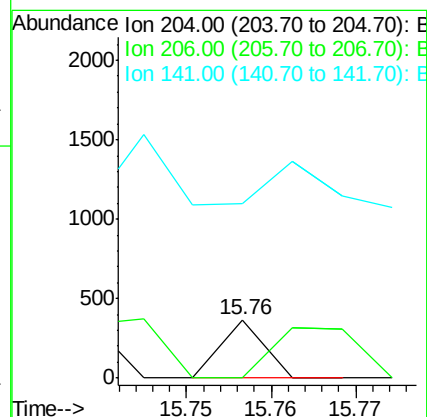
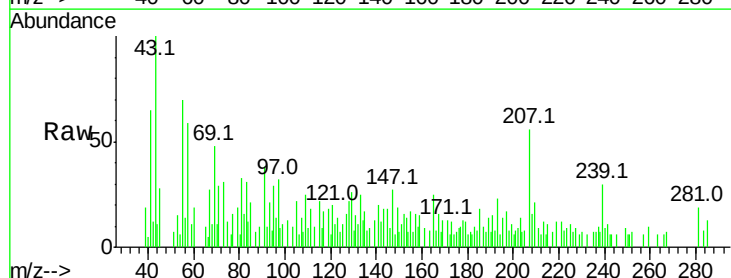
Tgt Ion:204 Resp: 130

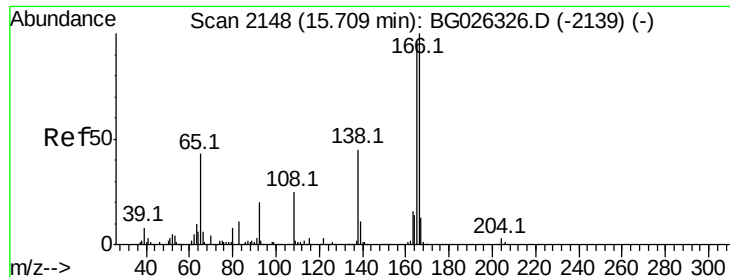
Ion Ratio Lower Upper

204 100

206 0.0 30.1 45.1#

141 298.1 50.6 76.0#

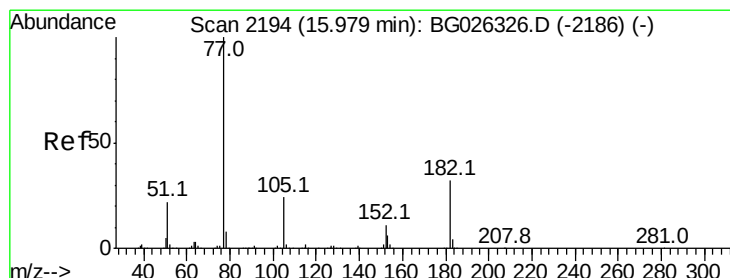
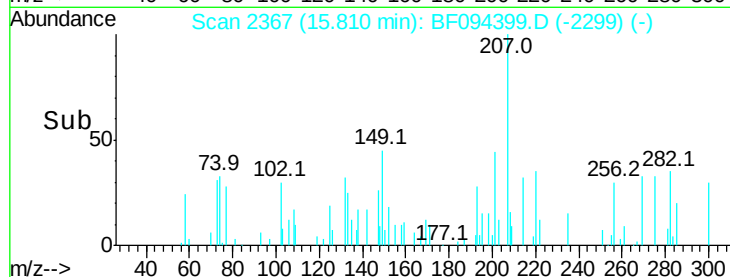
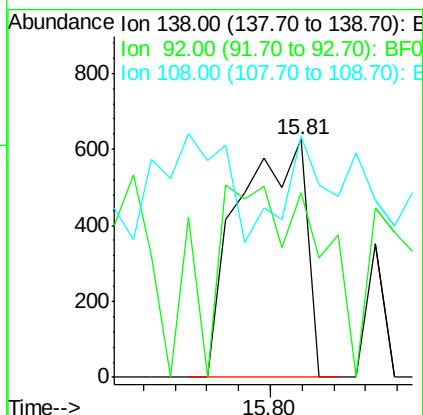
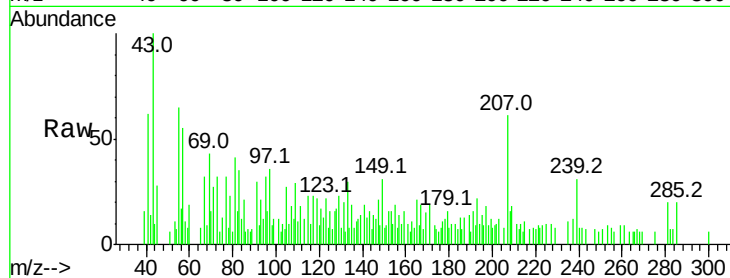




#61
4-Nitroaniline
Concen: 246.36 ng
RT: 15.81 min Scan# 2367
Delta R.T. 0.10 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

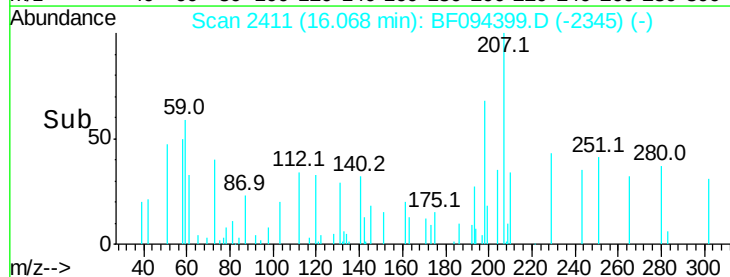
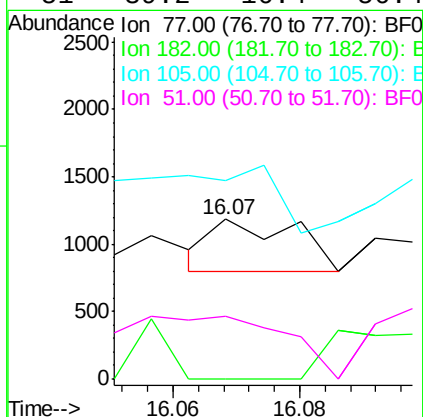
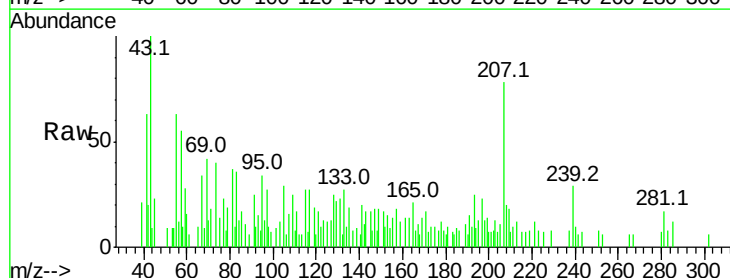
Instrument :
BNA_F
ClientSampled :

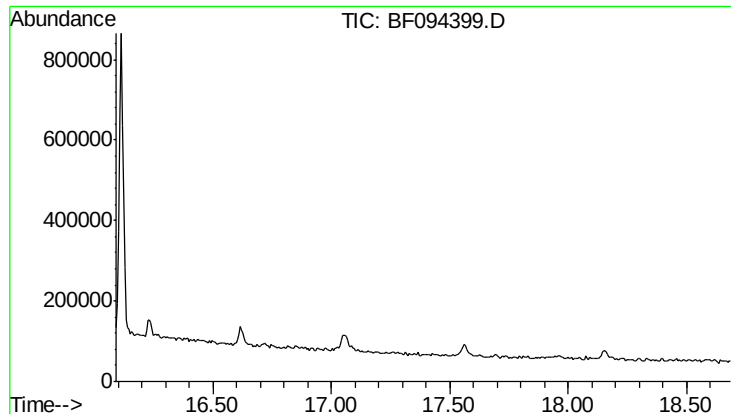
Tot Ion:138 Resp: 920
Ion Ratio Lower Upper
138 100
92 77.4 44.2 84.2
108 101.3 104.8 144.8#



#62
Azobenzene
Concen: 30.57 ng
RT: 16.07 min Scan# 2411
Delta R.T. 0.09 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion: 77 Resp: 349
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 124.6 0.0 36.3#
51 39.2 16.4 56.4

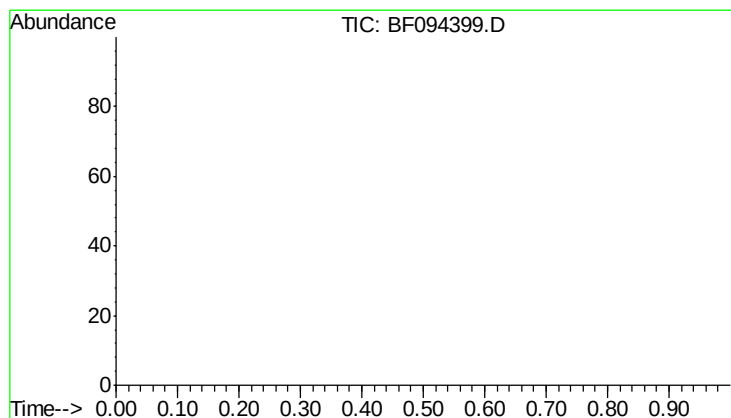
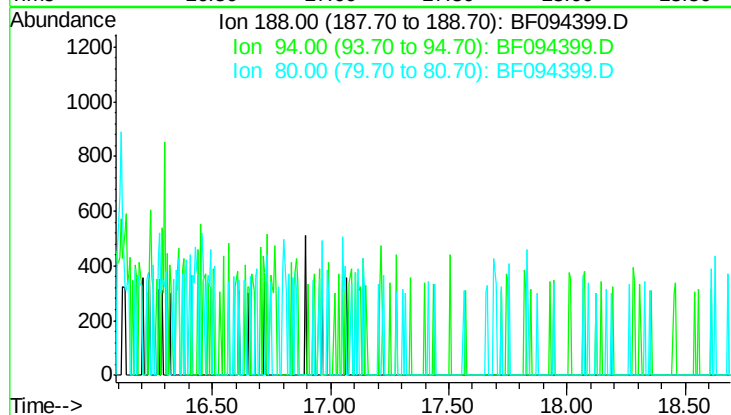




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 17.39 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

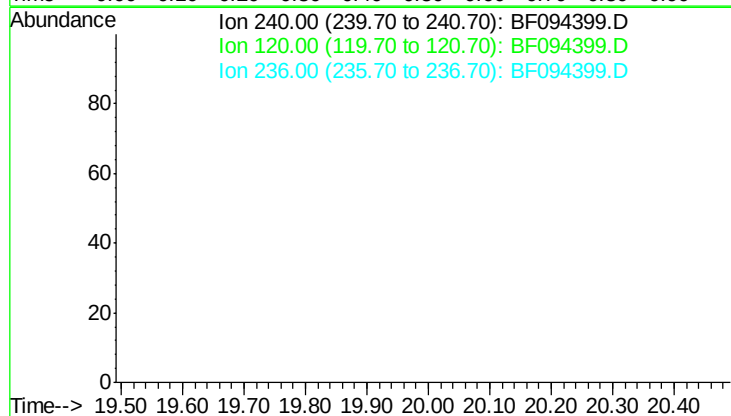
Instrument :
 BNA_F
 ClientSampleId :

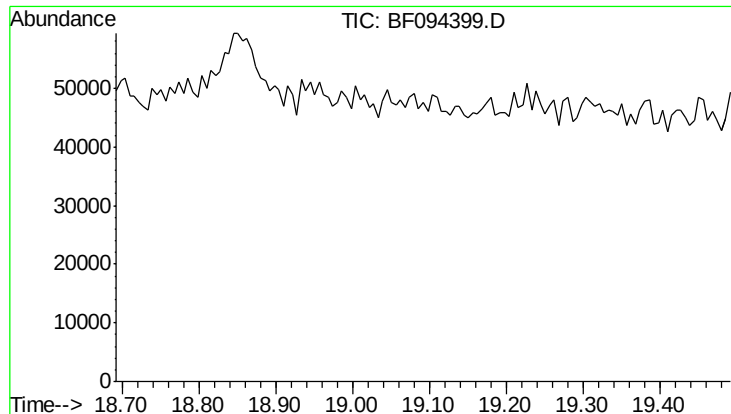
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 7.3
 80 9.4



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 21.64 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

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

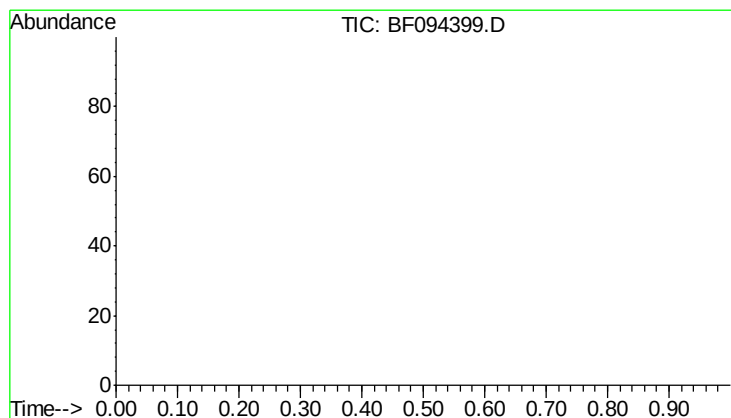
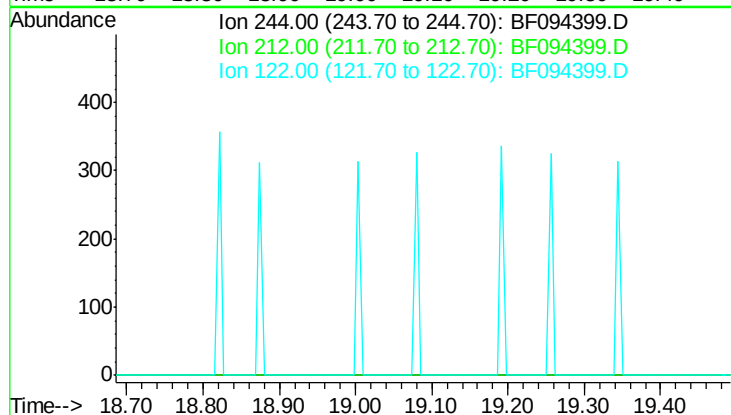




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 19.99 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

Instrument :
 BNA_F
 ClientSampleId :

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



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 24.82 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 27.3
 265 22.8

