

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094406.D
 Acq On : 13 Apr 2017 22:29
 Operator : SJ/MA
 Sample : I2685-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:51:18 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	0.00	136	0	0.00	ng	-10.85
38) Acenaphthene-d10	14.66	164	244	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	719	20.00	ng	0.01
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	5.79	112	126	0.00	ng	0.17
7) Phenol-d6	7.47	99	158	0.00	ng	0.27
23) Nitrobenzene-d5	9.42	82	26625	0.00	ng	0.22
41) 2,4,6-Tribromophenol	16.14	330	221	79.09	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	3490	200.59	ng	-0.06
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
40) Hexachlorocyclopentadiene	12.97	237	862	223.07	ng	# 29
42) 2,4,6-Trichlorophenol	13.23	196	3926	816.76	ng	# 1
43) 2,4,5-Trichlorophenol	13.23	196	3926	738.92	ng	# 1
45) 1,1'-Biphenyl	13.57	154	925	45.78	ng	# 89
46) 2-Chloronaphthalene	13.53	162	109	7.39	ng	# 38
47) 2-Nitroaniline	13.77	65	117	27.88	ng	# 16
48) Acenaphthylene	14.40	152	1595	62.00	ng	# 1
49) Dimethylphthalate	14.10	163	1395	75.75	ng	# 74
50) 2,6-Dinitrotoluene	14.23	165	793	184.49	ng	# 11
51) Acenaphthene	14.70	154	107	6.75	ng	# 33
52) 3-Nitroaniline	14.54	138	797	168.40	ng	# 1
53) 2,4-Dinitrophenol	14.88	184	114	45.72	ng	# 15
54) Dibenzofuran	15.06	168	226	10.13	ng	# 1
55) 4-Nitrophenol	14.87	139	462	119.21	ng	# 1
56) 2,4-Dinitrotoluene	15.01	165	854	141.26	ng	# 16
57) Fluorene	15.69	166	894	45.04	ng	# 49
58) 2,3,4,6-Tetrachlorophenol	15.30	232	240	51.79	ng	# 1
59) Diethylphthalate	15.45	149	657	34.90	ng	# 28
60) 4-Chlorophenyl-phenylether	15.70	204	734	78.03	ng	# 1
61) 4-Nitroaniline	15.69	138	2831	565.47	ng	# 25
62) Azobenzene	15.97	77	584	38.16	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.77	198	367	80.96	ng	# 1
65) n-Nitrosodiphenylamine	15.89	169	4111	194.82	ng	# 67
66) 4-Bromophenyl-phenylether	16.60	248	112	15.13	ng	# 1
67) Hexachlorobenzene	16.69	284	537	68.02	ng	# 1
68) Atrazine	16.83	200	291	36.43	ng	# 1
69) Pentachlorophenol	17.08	266	294	57.28	ng	# 50
70) Phenanthrene	17.46	178	1014	26.26	ng	# 1
71) Anthracene	17.50	178	1633	41.45	ng	# 1
72) Carbazole	17.79	167	238	5.87	ng	# 2
73) Di-n-butylphthalate	18.34	149	648	15.55	ng	# 66
74) Fluoranthene	19.41	202	424	9.34	ng	# 1

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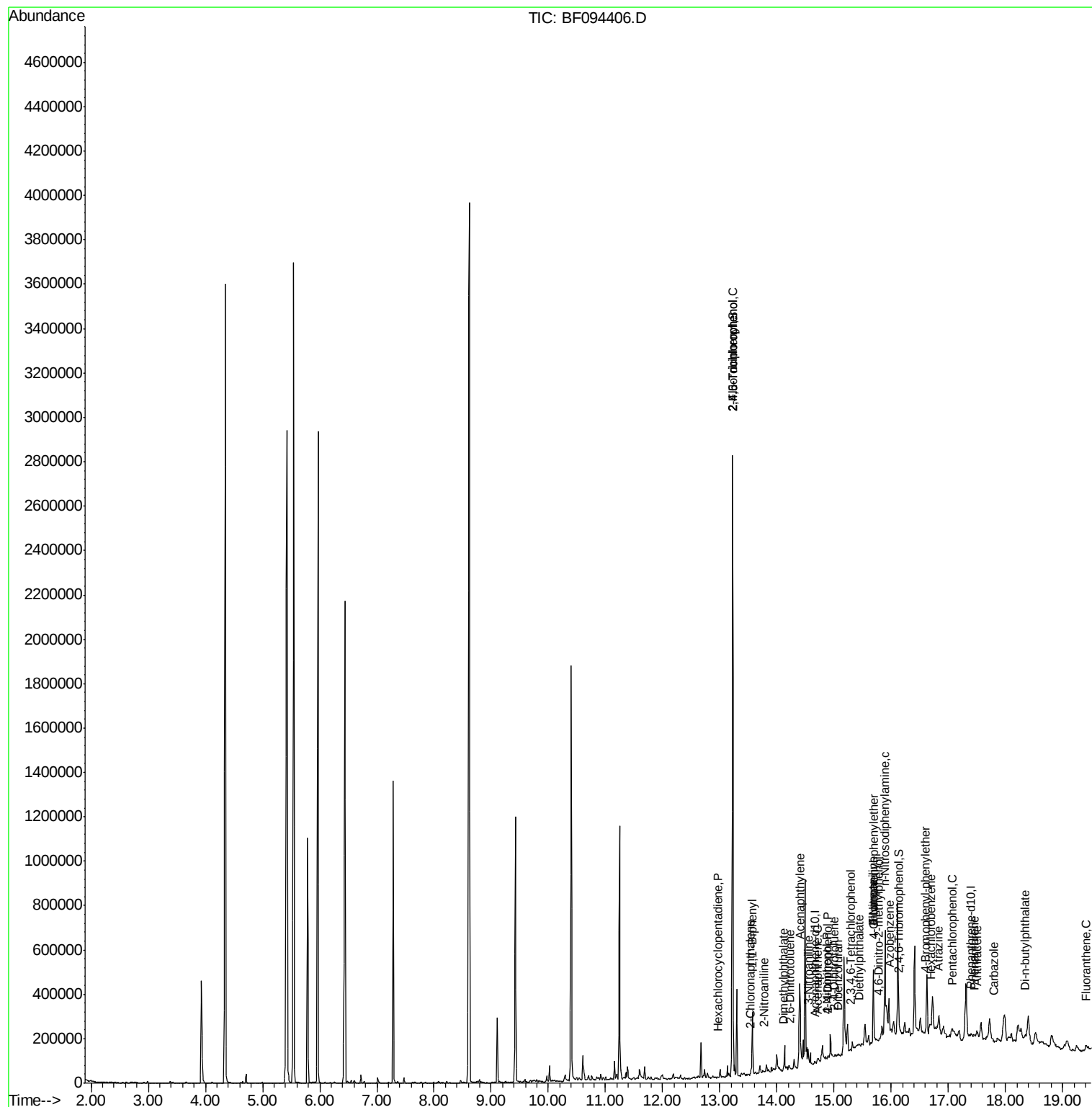
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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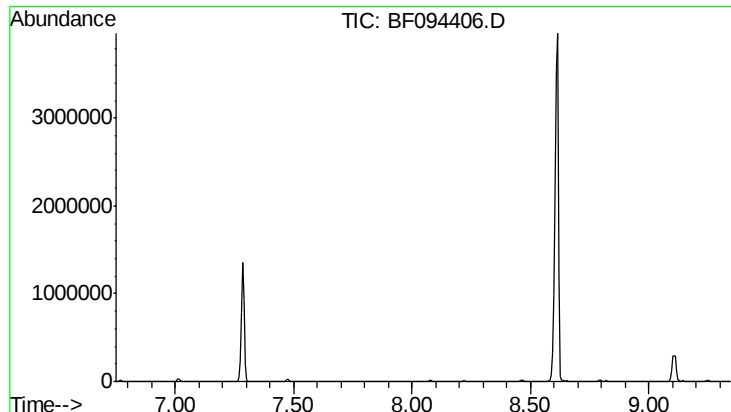
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 8.05 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

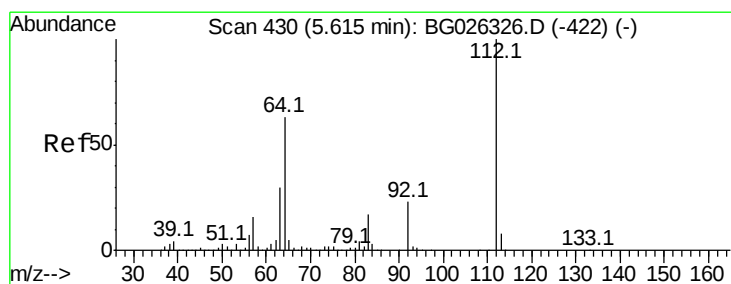
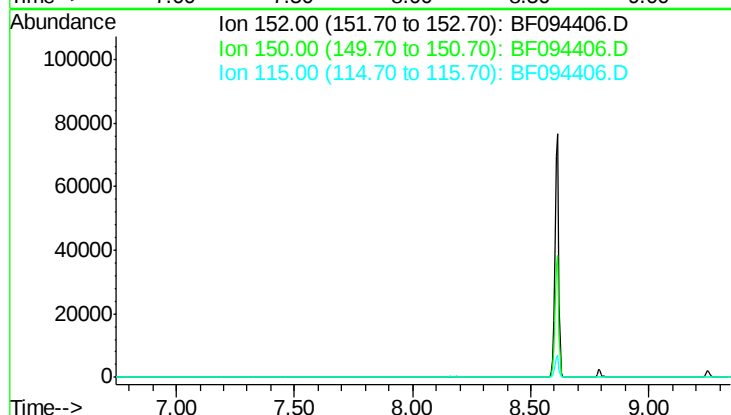
Tot Ion: 152

Sig Exp Ratio

152 100

150 142.5

115 60.1



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.79 min Scan# 663

Delta R.T. 0.17 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

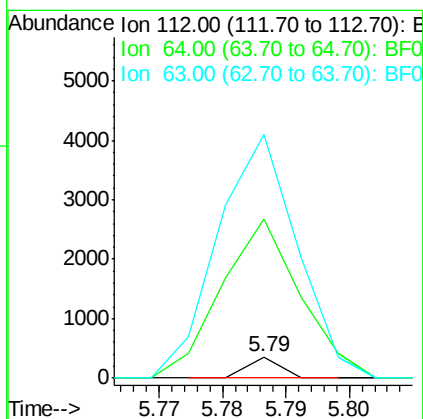
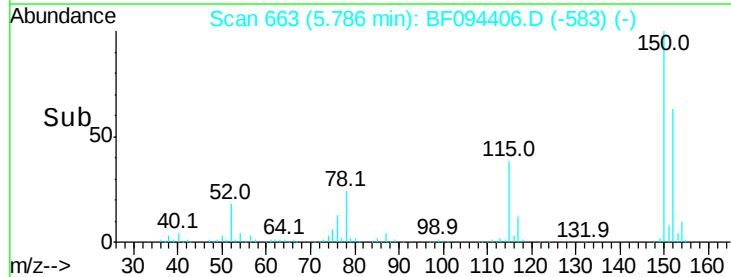
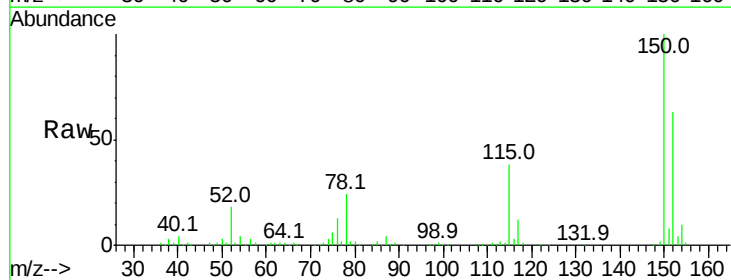
Tgt Ion:112 Resp: 126

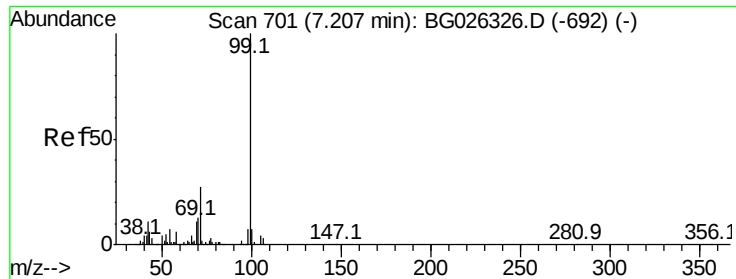
Ion Ratio Lower Upper

112 100

64 751.8 61.8 92.6#

63 1147.3 37.2 55.8#





#7

Phenol-d6

Concen: 0.00 ng

RT: 7.47 min Scan# 950

Delta R.T. 0.27 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

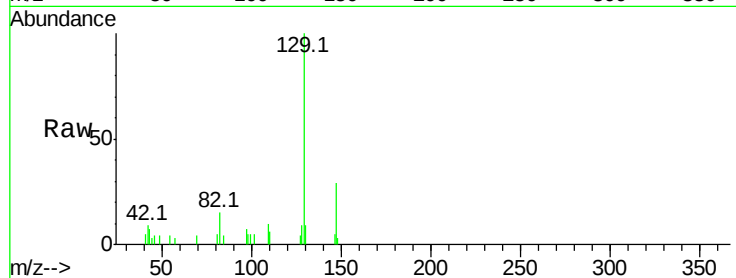
Tot Ion: 99 Resp: 158

Ion Ratio Lower Upper

99 100

42 197.5 20.5 30.7#

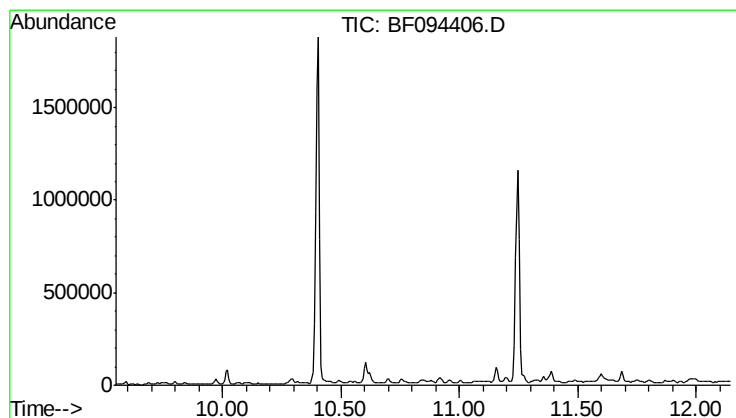
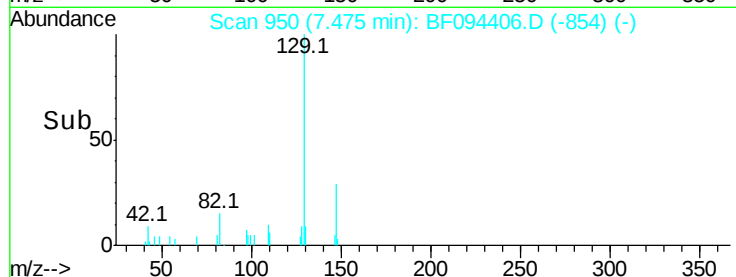
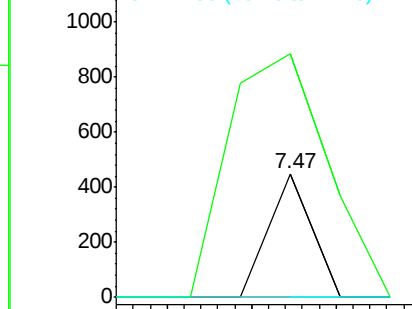
71 0.0 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.85 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Tgt Ion: 136

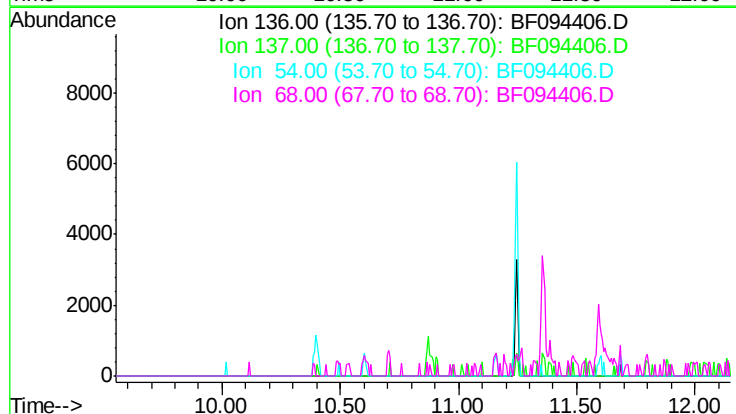
Sig Exp Ratio

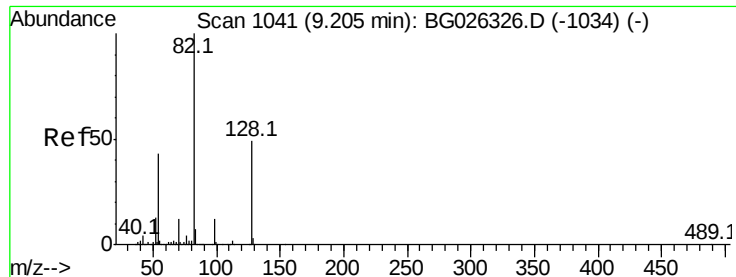
136 100

137 11.1

54 11.6

68 6.4

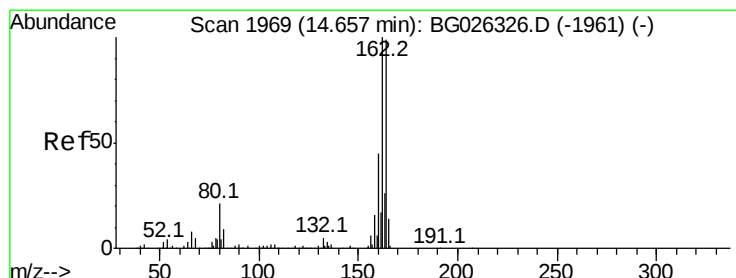
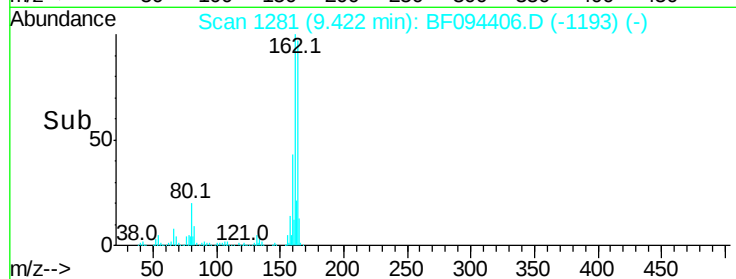
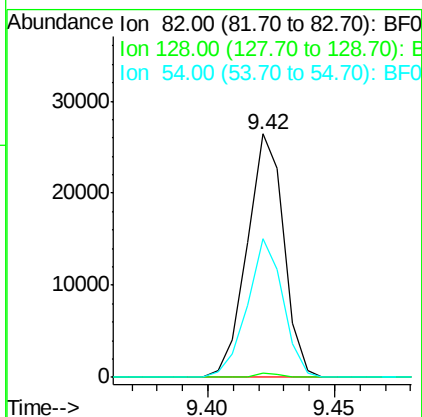
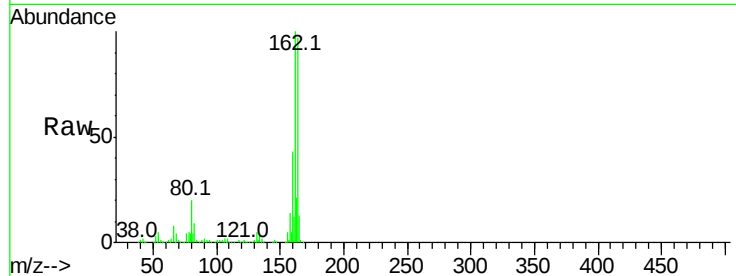




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.22 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

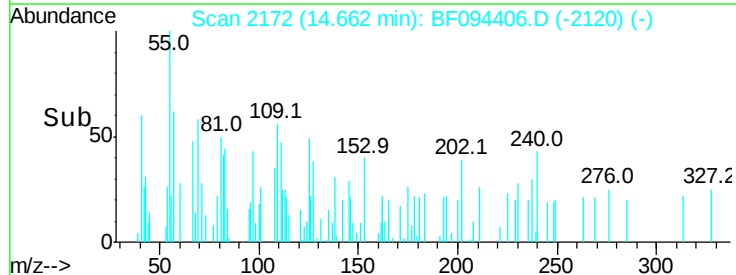
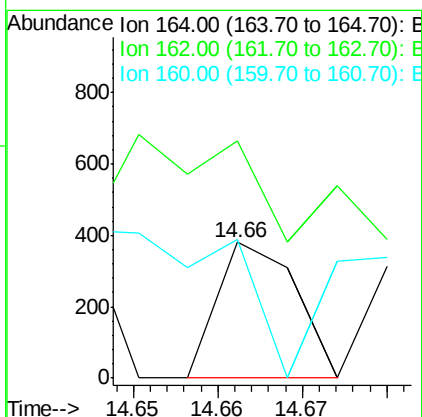
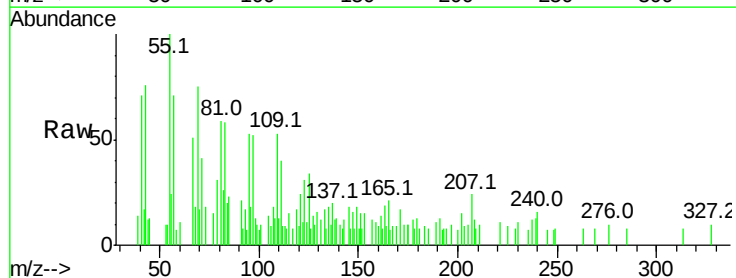
Instrument :
 BNA_F
 ClientSampleId :

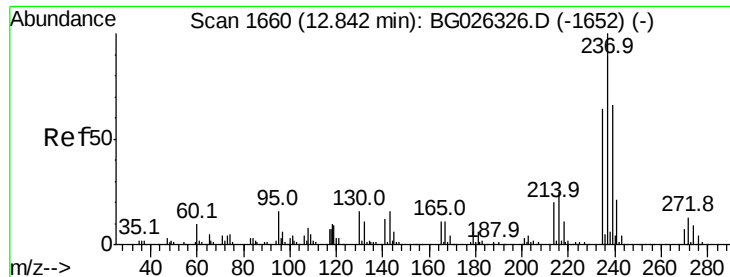
Tot Ion	Ratio	Lower	Upper
82	100		
128	1.6	26.4	39.6#
54	57.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	174.7	85.1	127.7#
160	102.1	34.7	52.1#





#40

Hexachlorocyclopentadiene

Concen: 223.07 ng

RT: 12.97 min Scan# 1884

Delta R.T. 0.13 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampled :

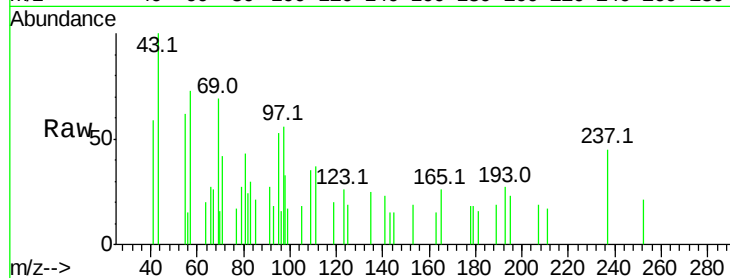
Tot Ion:237 Resp: 862

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

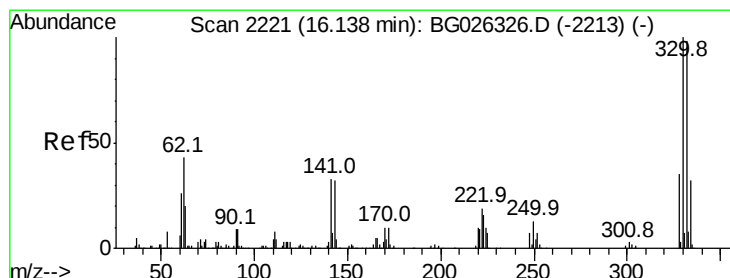
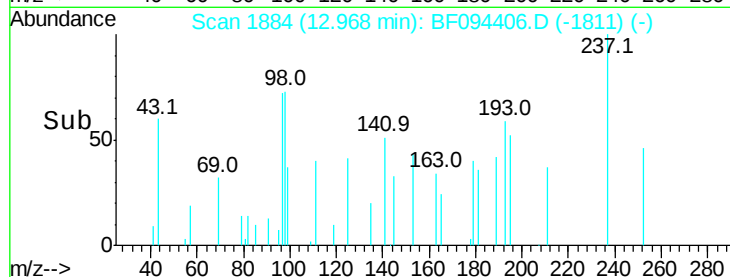
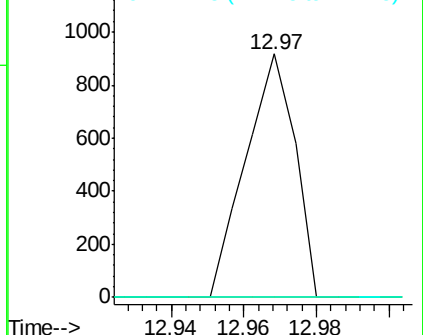
272 0.0 0.0 32.0



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: 79.09 ng

RT: 16.14 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

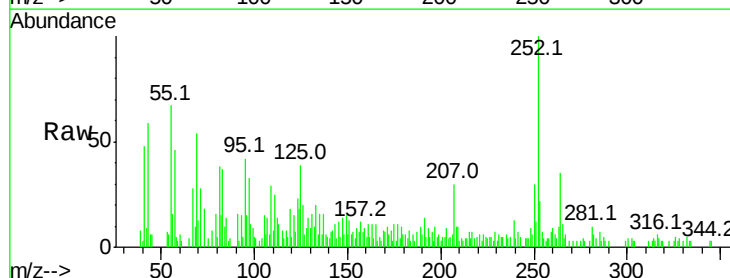
Tgt Ion:330 Resp: 221

Ion Ratio Lower Upper

330 100

332 313.6 77.3 115.9#

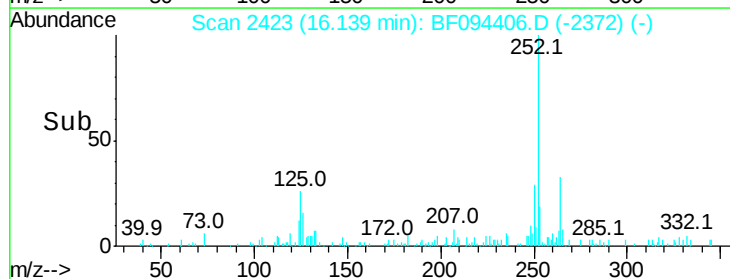
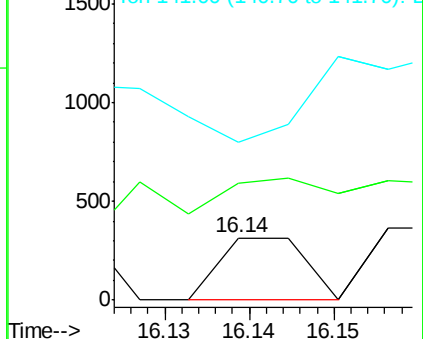
141 0.0 32.1 48.1#

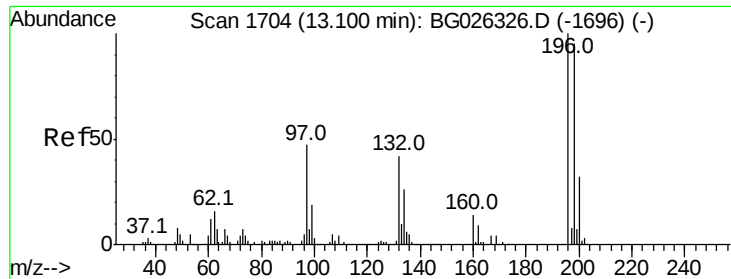


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

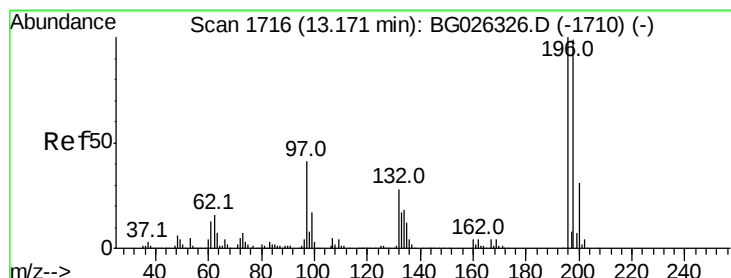
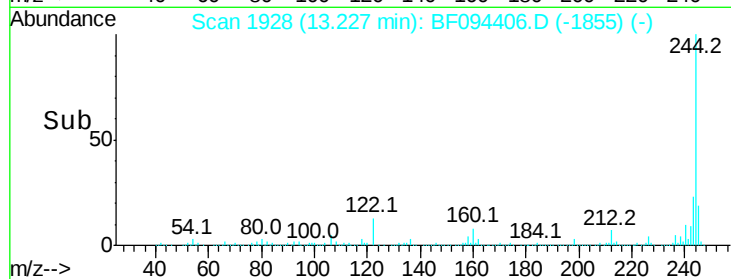
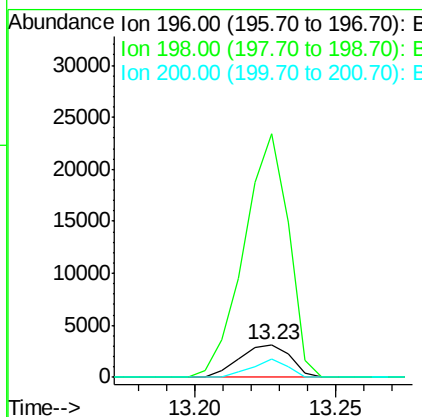
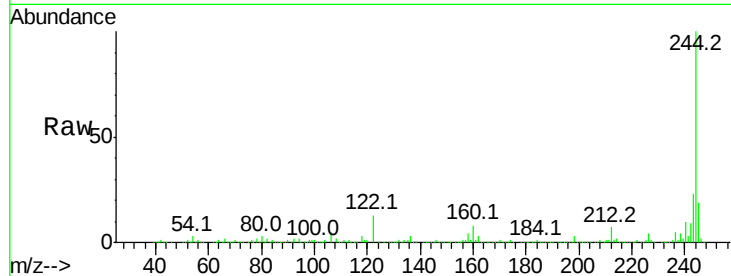




#42
 2,4,6-Trichlorophenol
 Concen: 816.76 ng
 RT: 13.23 min Scan# 1928
 Delta R.T. 0.13 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

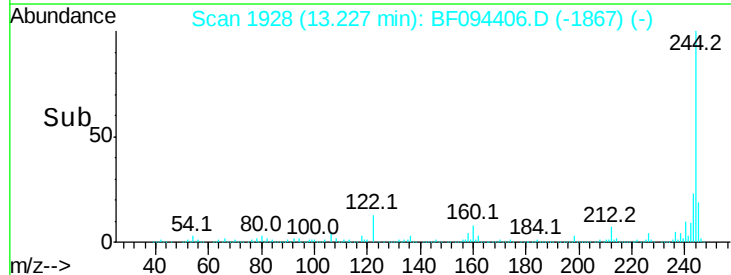
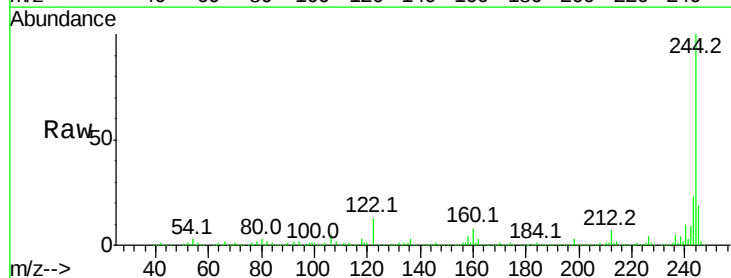
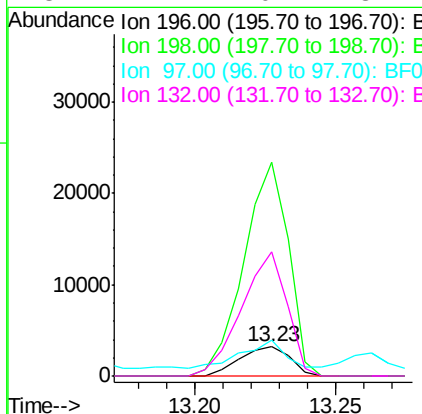
Instrument :
 BNA_F
 ClientSampleId :

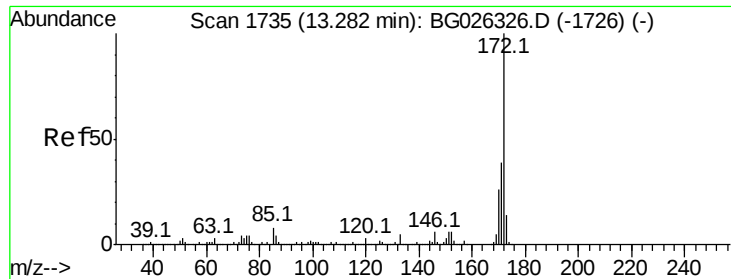
Tot Ion:196 Resp: 3926
 Ion Ratio Lower Upper
 196 100
 198 737.3 81.4 122.2#
 200 54.4 27.0 40.6#



#43
 2,4,5-Trichlorophenol
 Concen: 738.92 ng
 RT: 13.23 min Scan# 1928
 Delta R.T. 0.06 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

Tgt Ion:196 Resp: 3926
 Ion Ratio Lower Upper
 196 100
 198 737.3 79.9 119.9#
 97 124.1 45.4 68.0#
 132 427.7 20.7 31.1#

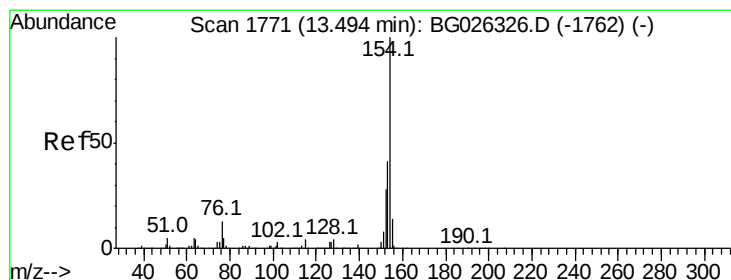
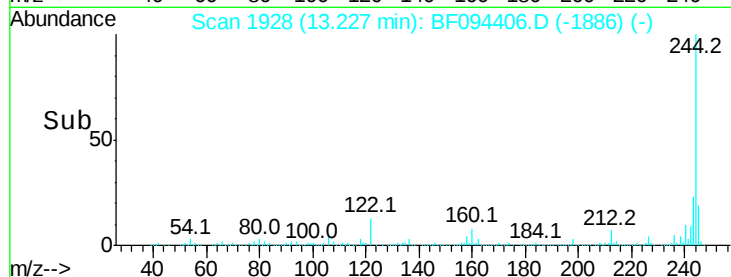
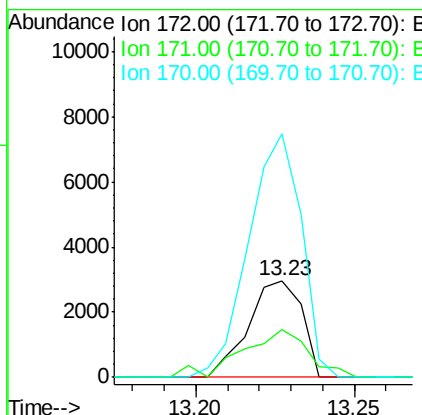
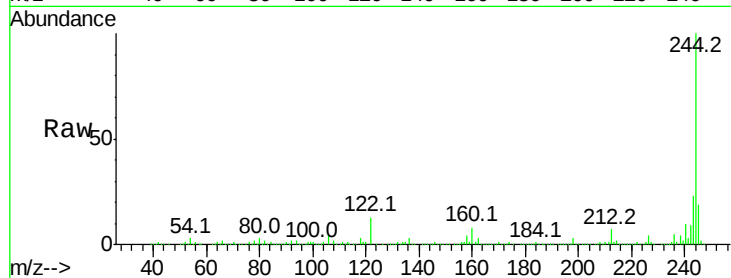




#44
2-Fluorobiphenyl
Concen: 200.59 ng
RT: 13.23 min Scan# 1928
Delta R.T. -0.06 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

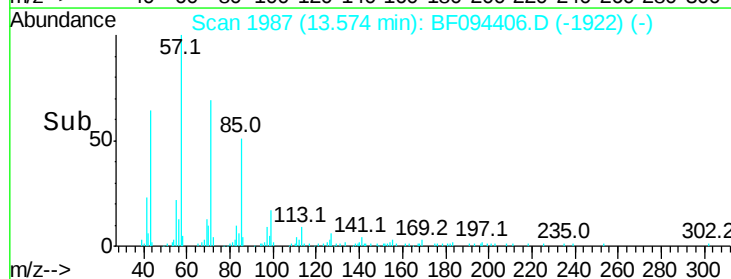
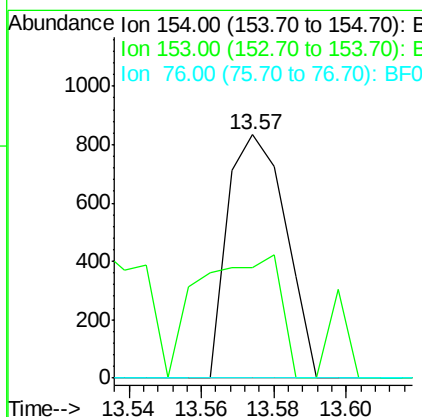
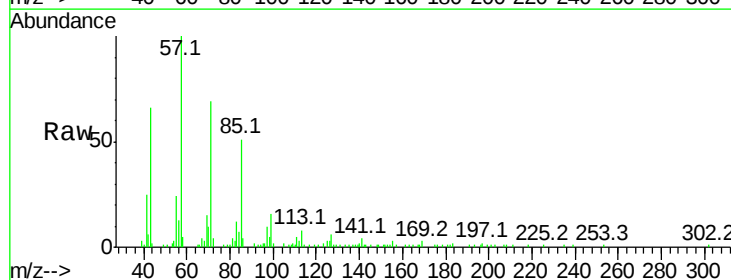
Instrument :
BNA_F
ClientSampled :

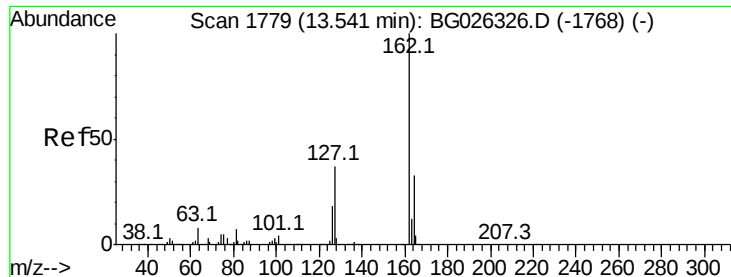
Tot Ion:172 Resp: 3490
Ion Ratio Lower Upper
172 100
171 48.9 32.2 48.2#
170 252.0 21.8 32.6#



#45
1,1'-Biphenyl
Concen: 45.78 ng
RT: 13.57 min Scan# 1987
Delta R.T. 0.08 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Tgt Ion:154 Resp: 925
Ion Ratio Lower Upper
154 100
153 45.2 23.0 63.0
76 0.0 0.0 33.5

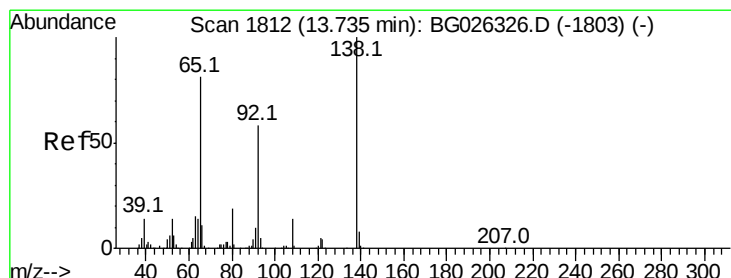
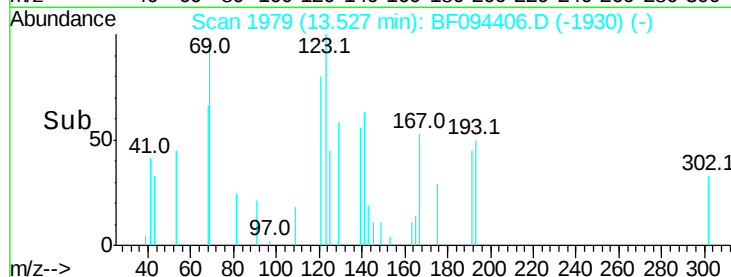
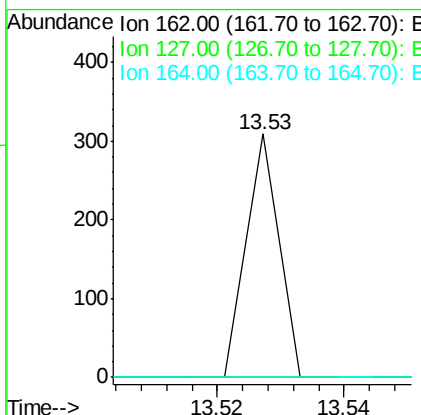
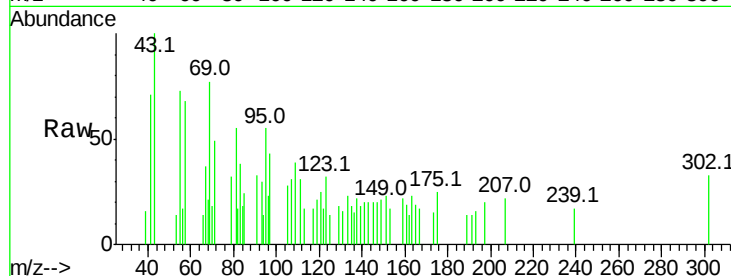




#46
 2-Chloronaphthalene
 Concen: 7.39 ng
 RT: 13.53 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

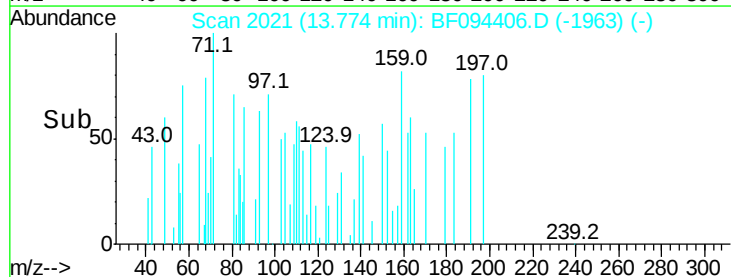
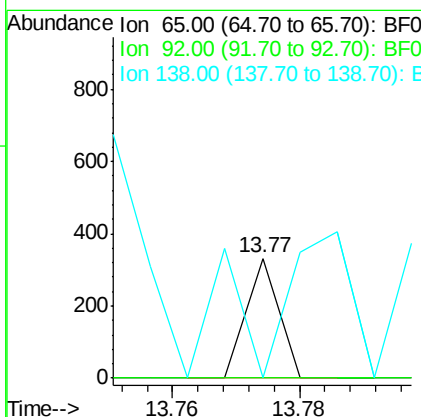
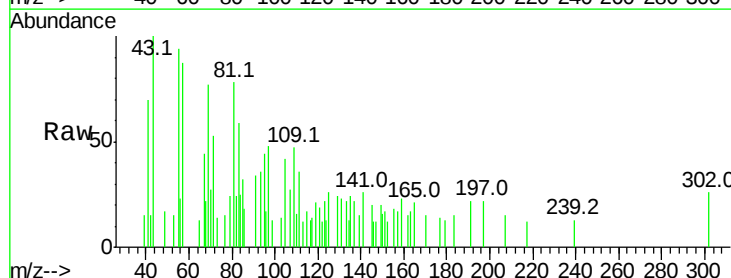
Instrument :
 BNA_F
 ClientSampleId :

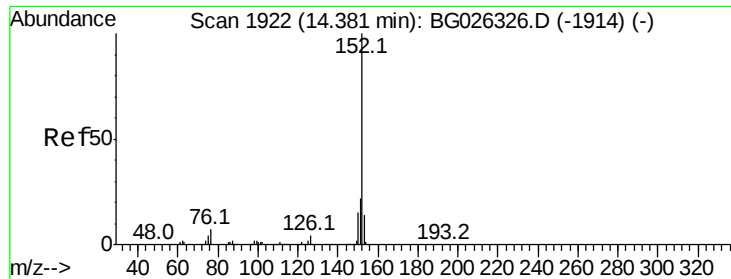
Tot Ion	Ratio	Lower	Upper
162	100		
127	0.0	32.2	48.4#
164	0.0	27.3	40.9#



#47
 2-Nitroaniline
 Concen: 27.88 ng
 RT: 13.77 min Scan# 2021
 Delta R.T. 0.04 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#





#48

Acenaphthylene

Concen: 62.00 ng

RT: 14.40 min Scan# 2127

Delta R.T. 0.02 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

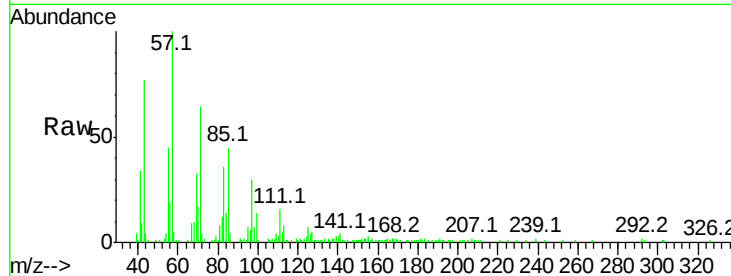
Tot Ion:152 Resp: 1595

Ion Ratio Lower Upper

152 100

151 58.9 18.2 27.2#

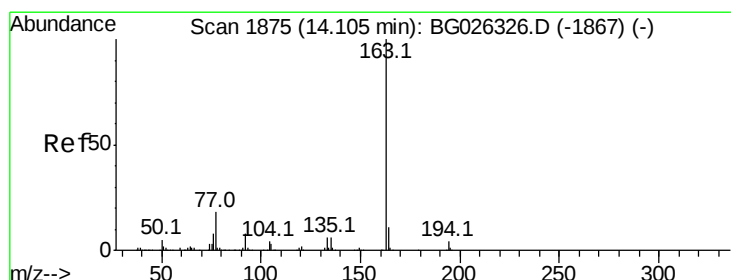
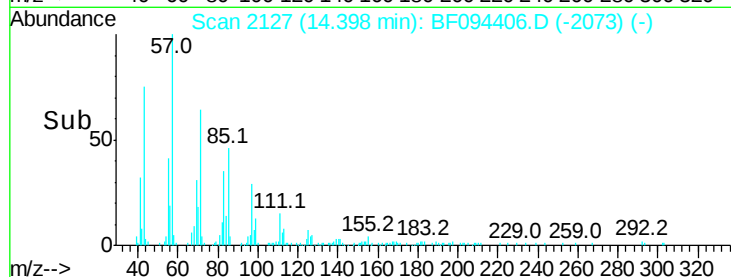
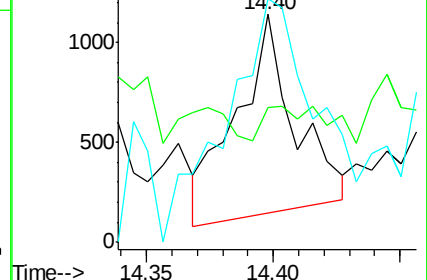
153 106.8 11.3 16.9#



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: 75.75 ng

RT: 14.10 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

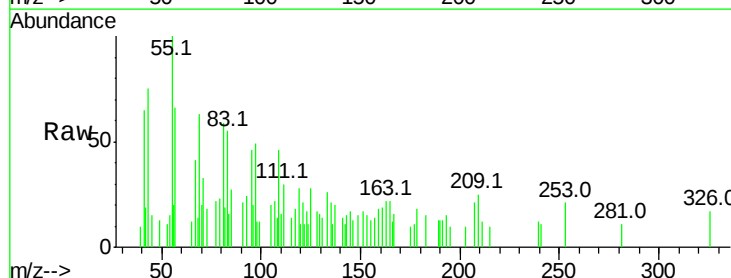
Tgt Ion:163 Resp: 1395

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.6#

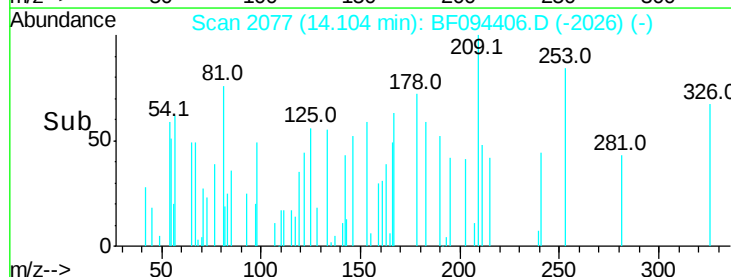
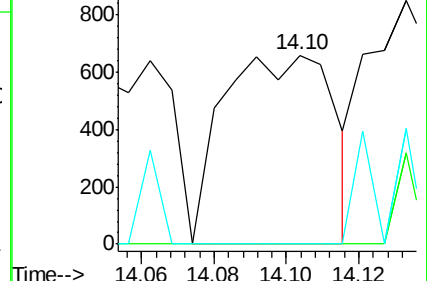
164 0.0 9.3 13.9#

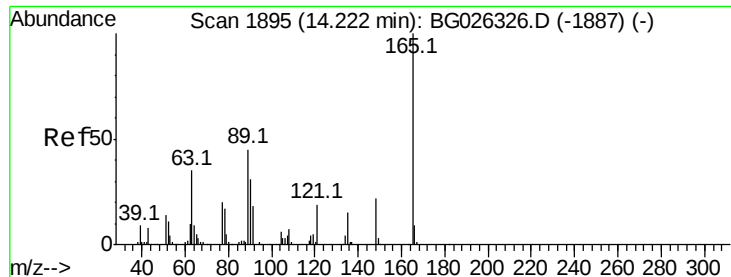


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

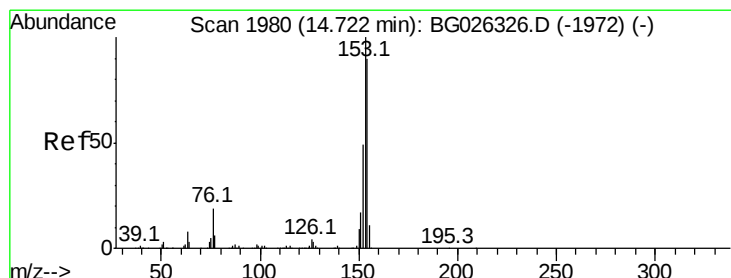
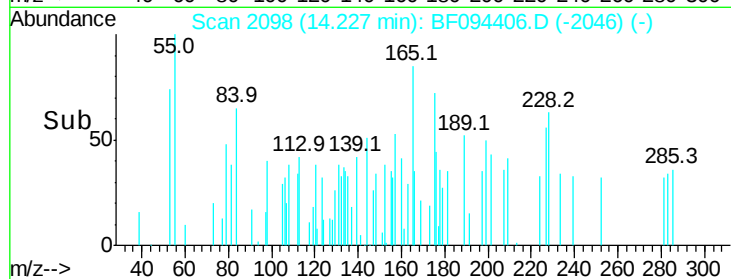
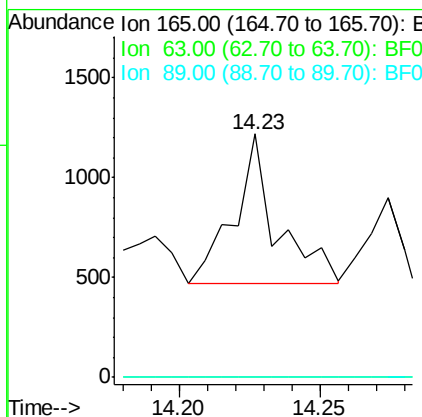
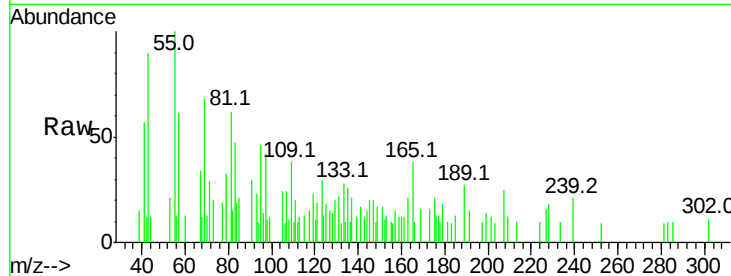




#50
2,6-Dinitrotoluene
Concen: 184.49 ng
RT: 14.23 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

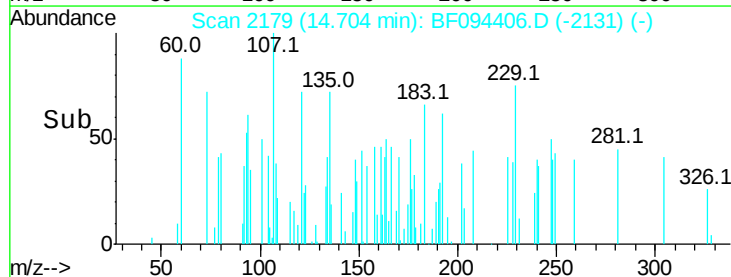
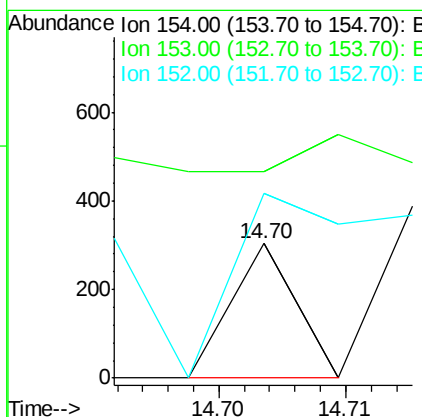
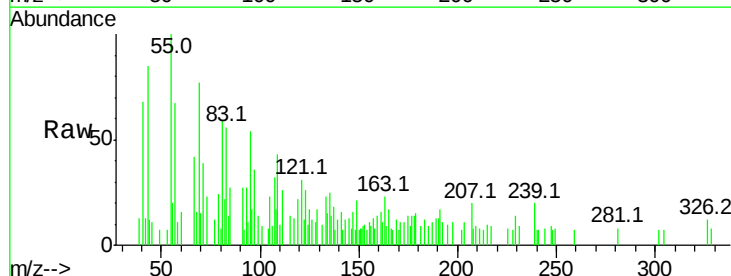
Instrument :
BNA_F
ClientSampleId :

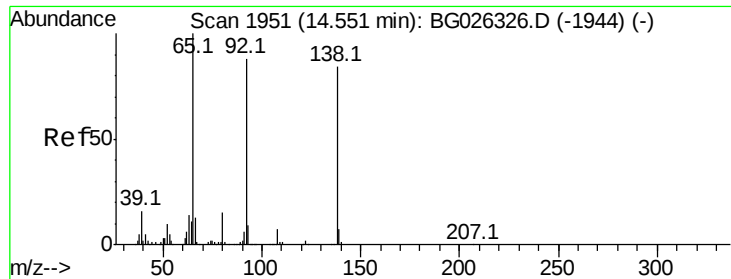
Tot Ion:165 Resp: 793
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 0.0 58.6 88.0#



#51
Acenaphthene
Concen: 6.75 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Tgt Ion:154 Resp: 107
Ion Ratio Lower Upper
154 100
153 153.0 87.8 131.6#
152 137.5 42.2 63.4#

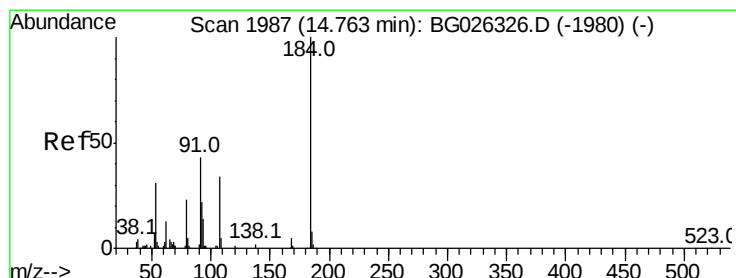
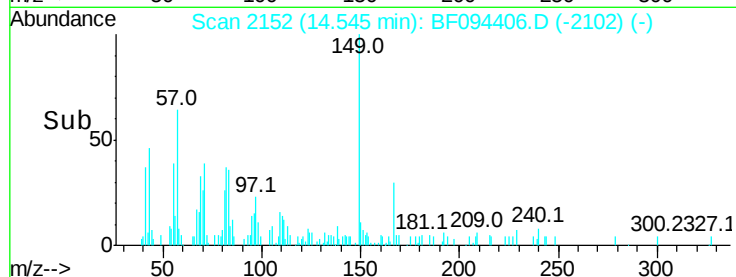
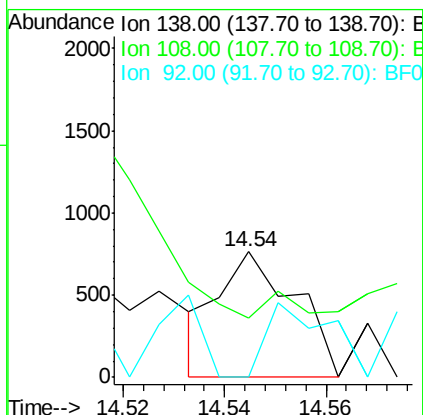
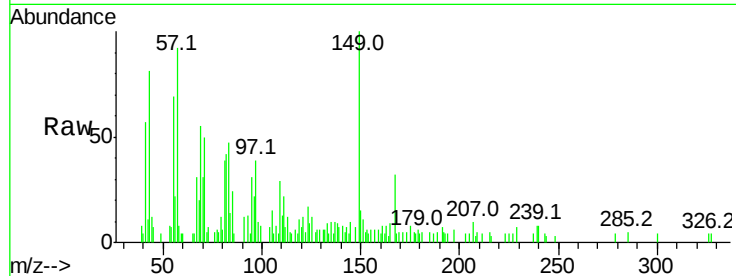




#52
3-Nitroaniline
Concen: 168.40 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

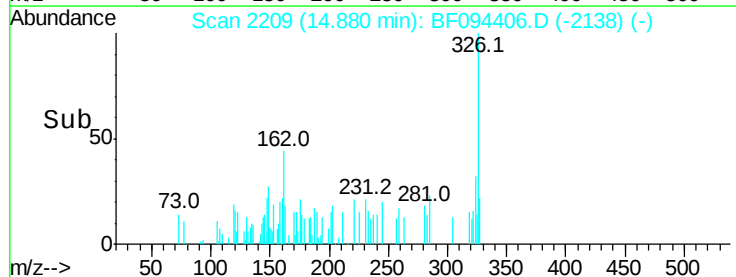
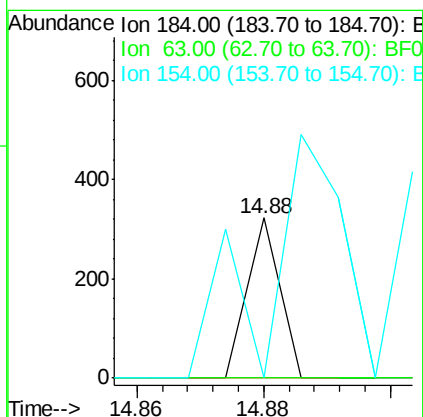
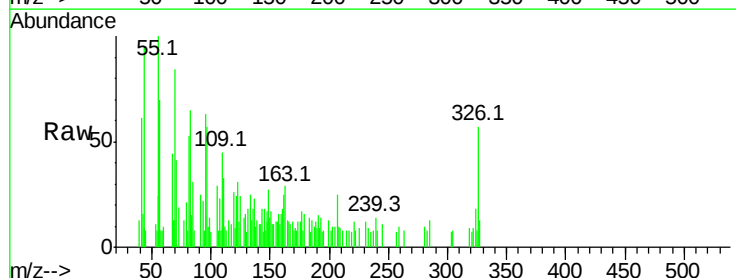
Instrument :
BNA_F
ClientSampleId :

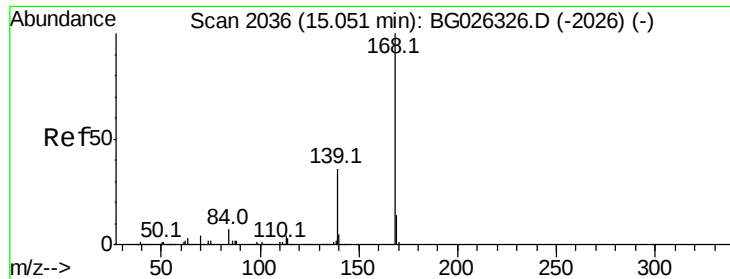
Tot Ion:138 Resp: 797
Ion Ratio Lower Upper
138 100
108 47.4 10.9 16.3#
92 0.0 115.3 172.9#



#53
2,4-Dinitrophenol
Concen: 45.72 ng
RT: 14.88 min Scan# 2209
Delta R.T. 0.12 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#





#54

Dibenzenofuran

Concen: 10.13 ng

RT: 15.06 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampled :

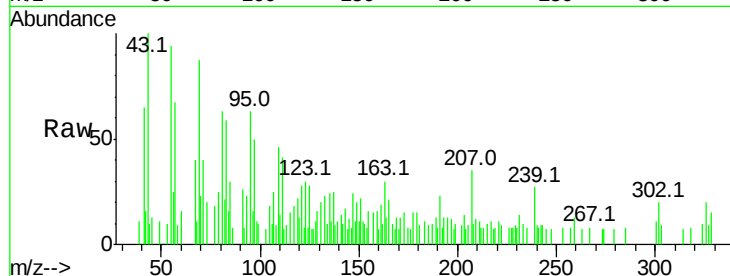
Tot Ion:168 Resp: 226

Ion Ratio Lower Upper

168 100

139 148.8 35.3 52.9#

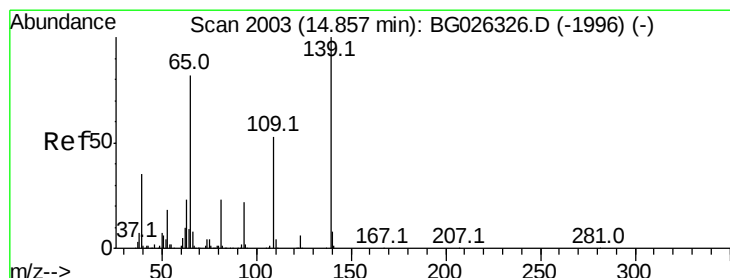
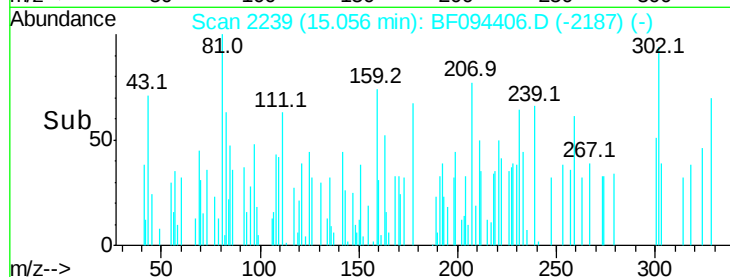
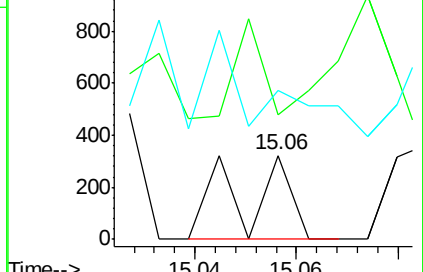
169 178.3 11.5 17.3#



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: 119.21 ng

RT: 14.87 min Scan# 2208

Delta R.T. 0.02 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

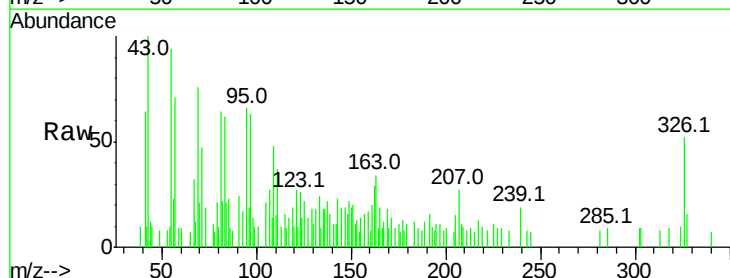
Tgt Ion:139 Resp: 462

Ion Ratio Lower Upper

139 100

109 290.6 101.2 141.2#

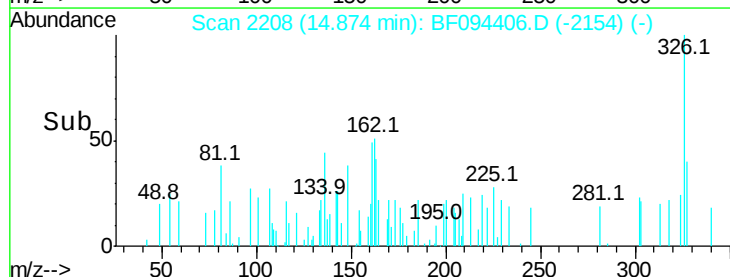
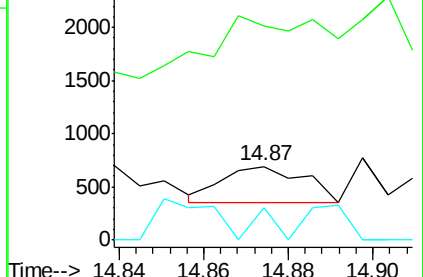
65 43.7 135.3 175.3#

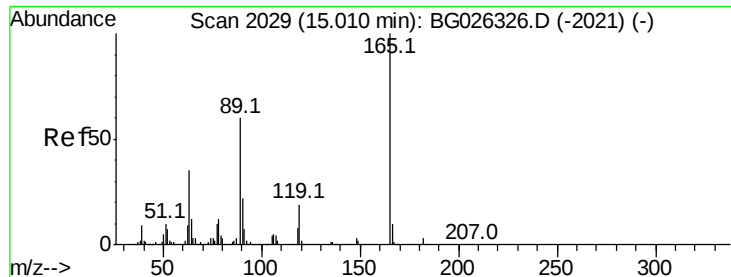


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

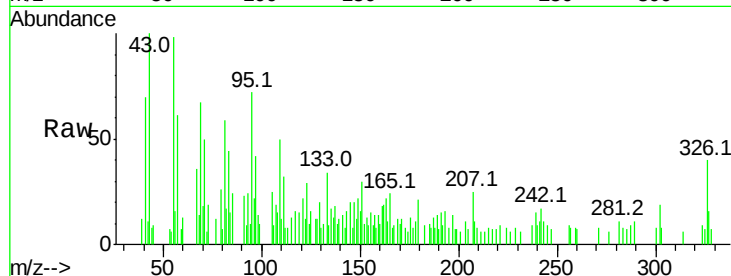




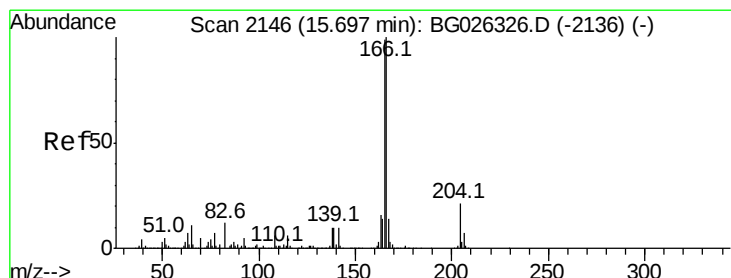
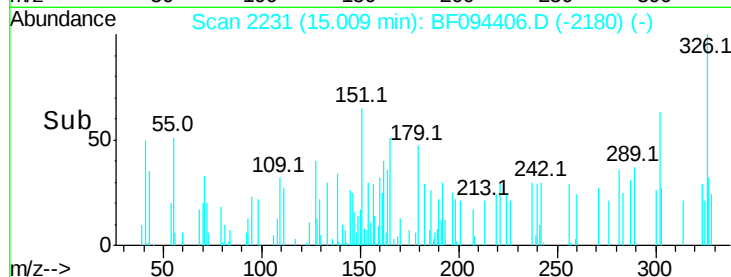
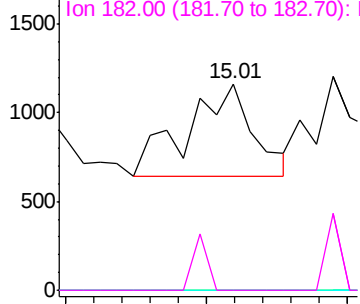
#56
2,4-Dinitrotoluene
Concen: 141.26 ng
RT: 15.01 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 854
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#

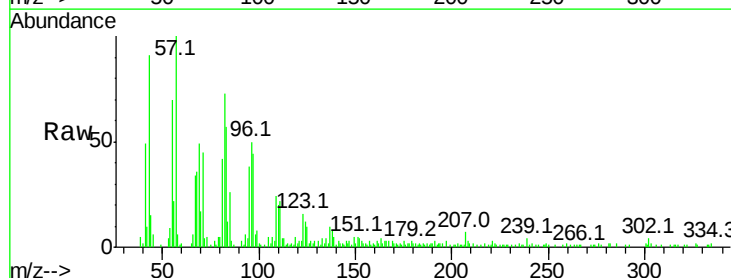


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

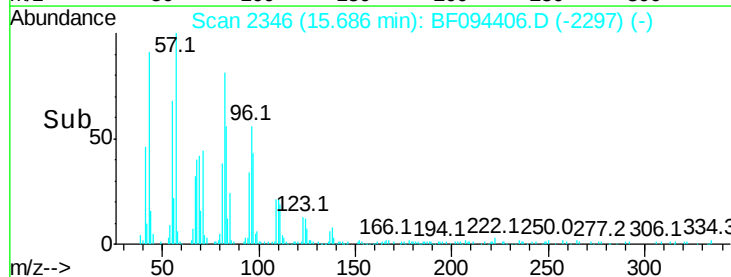
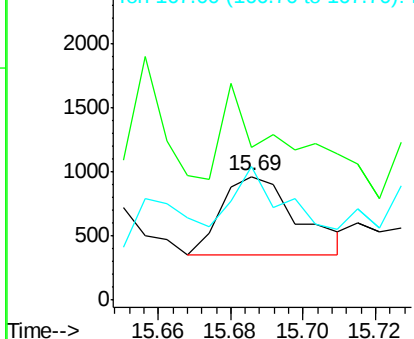


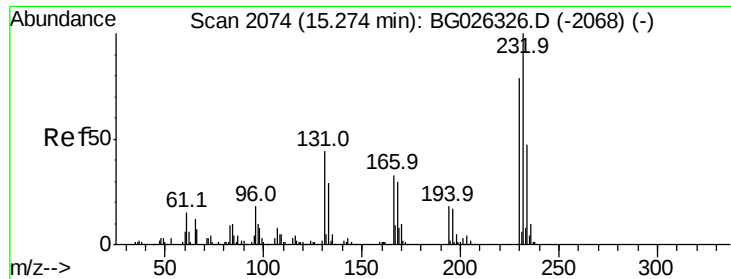
#57
Fluorene
Concen: 45.04 ng
RT: 15.69 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Tgt Ion:166 Resp: 894
Ion Ratio Lower Upper
166 100
165 123.1 78.6 117.8#
167 108.1 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

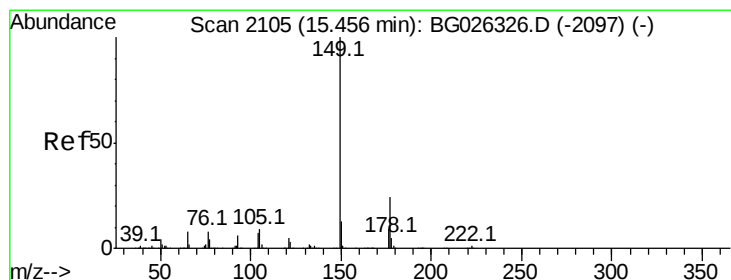
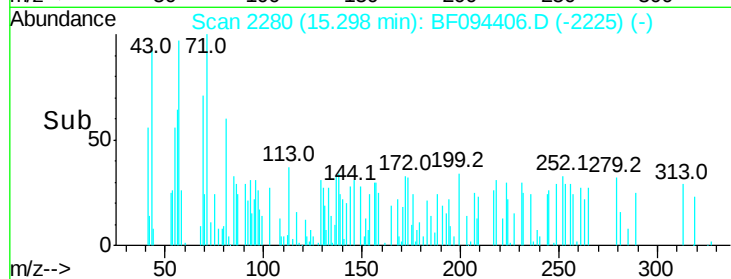
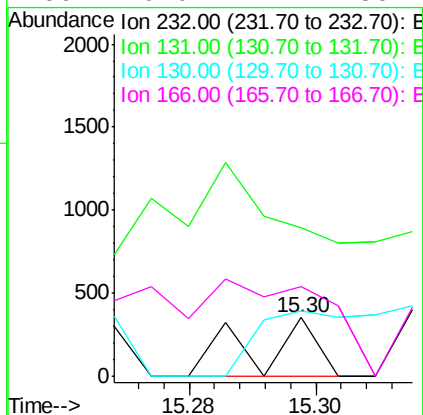
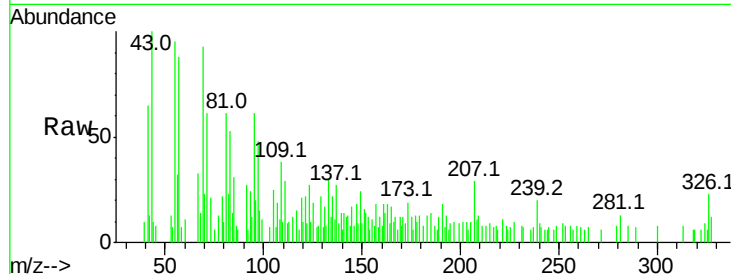




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.79 ng
 RT: 15.30 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

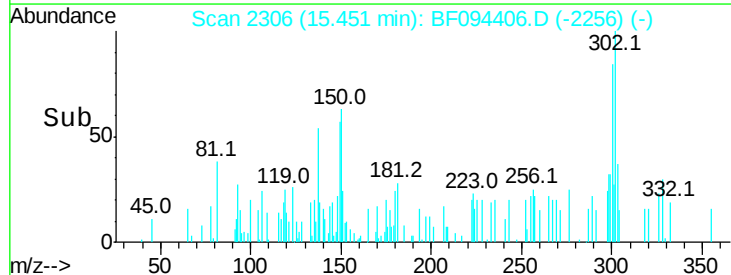
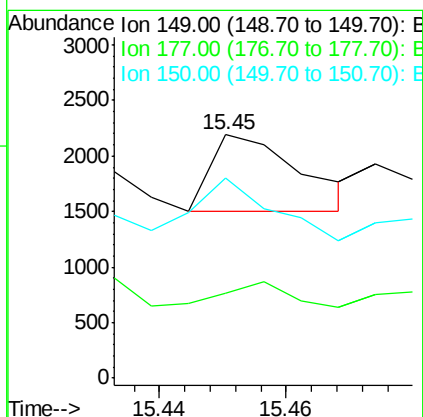
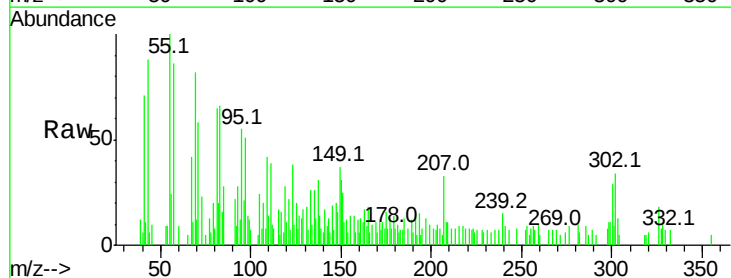
Instrument :
 BNA_F
 ClientSampleId :

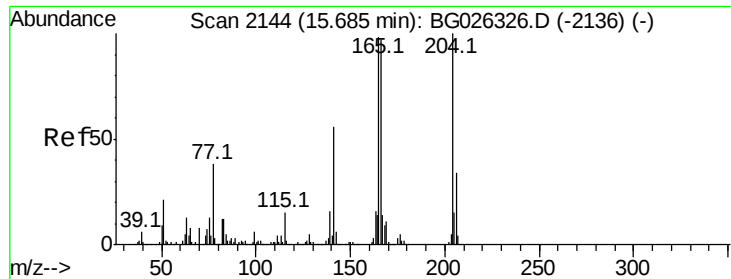
Tot Ion:232 Resp: 240
 Ion Ratio Lower Upper
 232 100
 131 221.7 34.9 52.3#
 130 0.0 2.3 3.5#
 166 0.0 24.2 36.4#



#59
 Diethylphthalate
 Concen: 34.90 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

Tgt Ion:149 Resp: 657
 Ion Ratio Lower Upper
 149 100
 177 34.8 20.1 30.1#
 150 82.2 10.2 15.2#

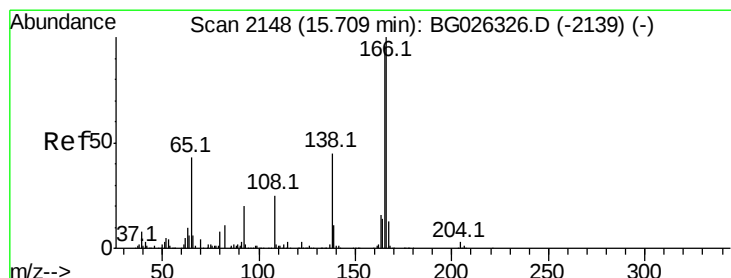
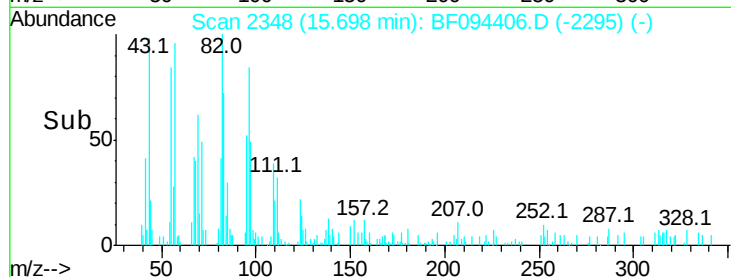
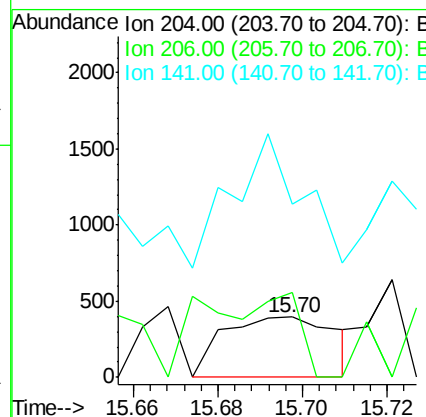
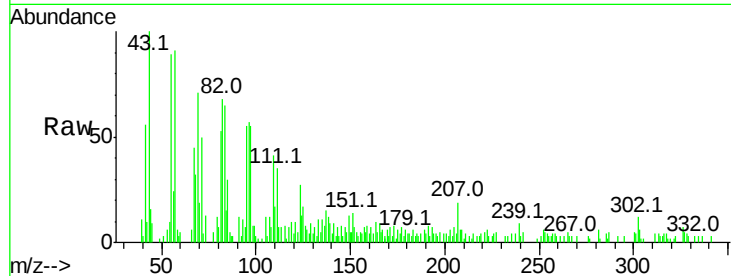




#60
4-Chlorophenyl-phenylether
Concen: 78.03 ng
RT: 15.70 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

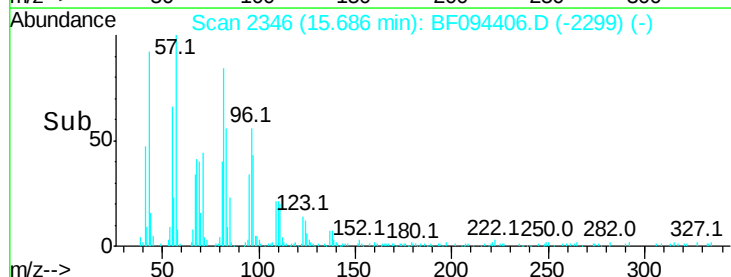
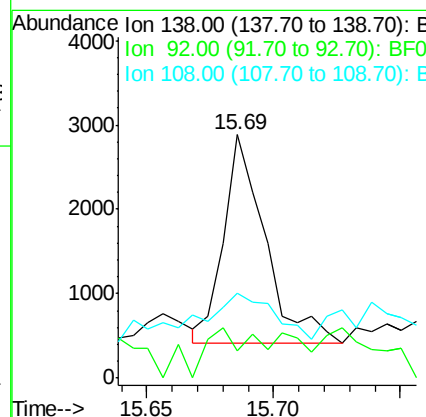
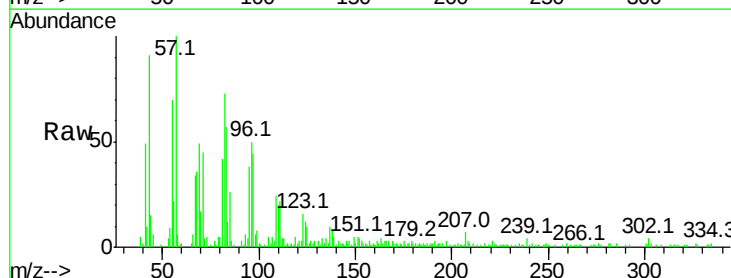
Instrument :
BNA_F
ClientSampled :

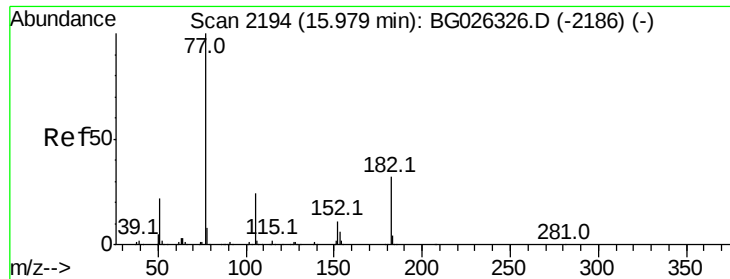
Tot Ion:204 Resp: 734
Ion Ratio Lower Upper
204 100
206 141.4 30.1 45.1#
141 288.1 50.6 76.0#



#61
4-Nitroaniline
Concen: 565.47 ng
RT: 15.69 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Tgt Ion:138 Resp: 2831
Ion Ratio Lower Upper
138 100
92 11.4 44.2 84.2#
108 35.0 104.8 144.8#





#62

Azobenzene

Concen: 38.16 ng

RT: 15.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 584

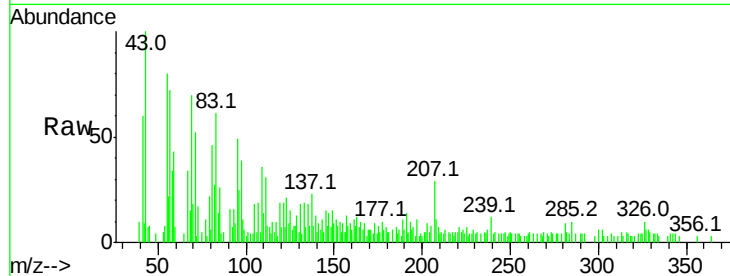
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 167.6 0.0 36.3#

51 0.0 16.4 56.4#

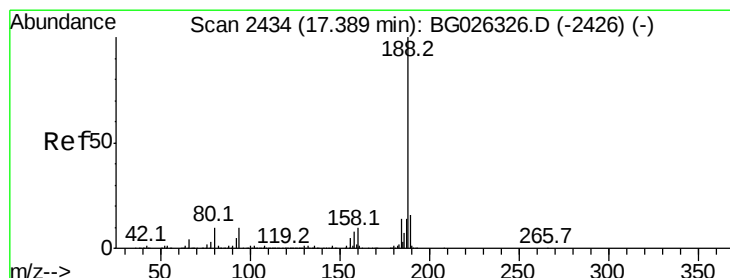
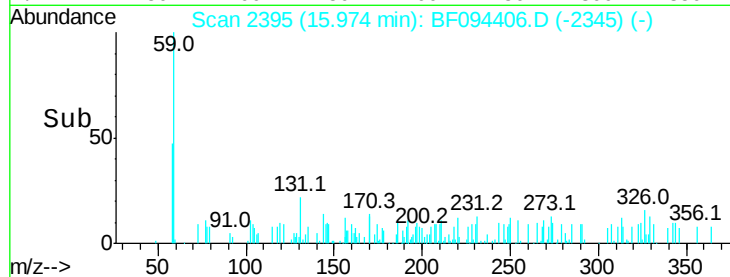
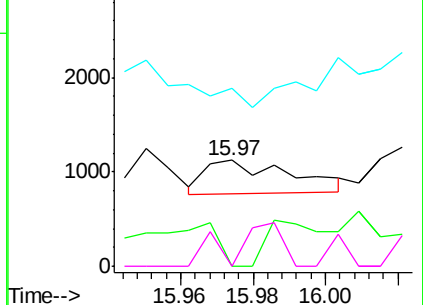


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2638

Delta R.T. 0.01 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

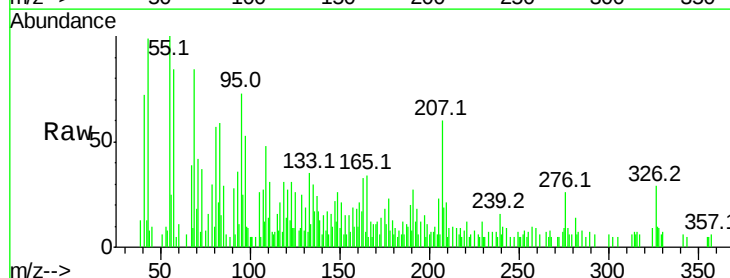
Tgt Ion: 188 Resp: 719

Ion Ratio Lower Upper

188 100

94 116.8 5.8 8.8#

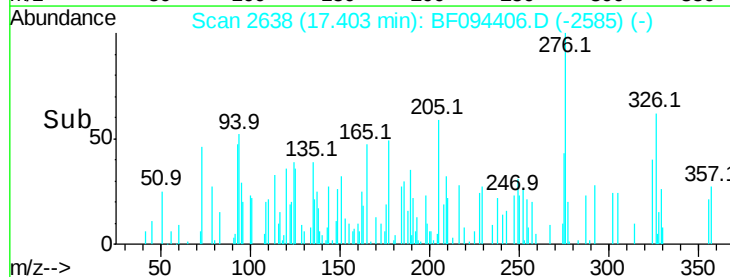
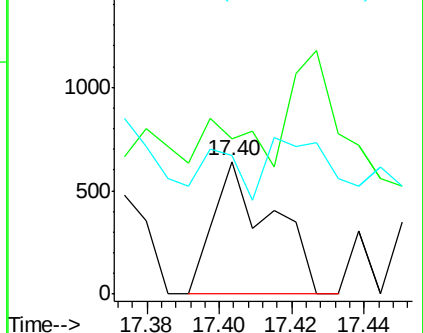
80 104.8 7.5 11.3#

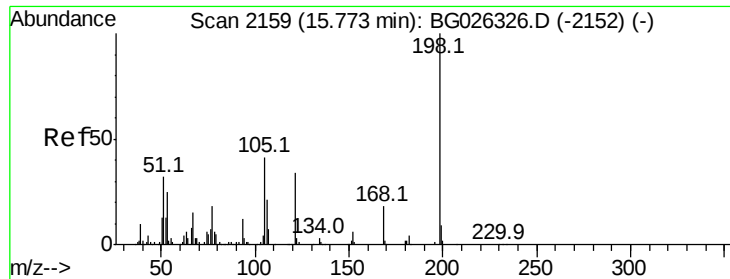


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

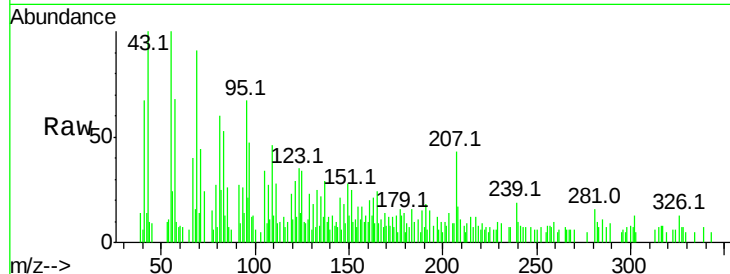




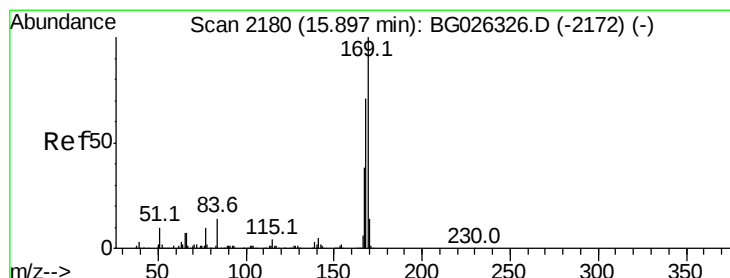
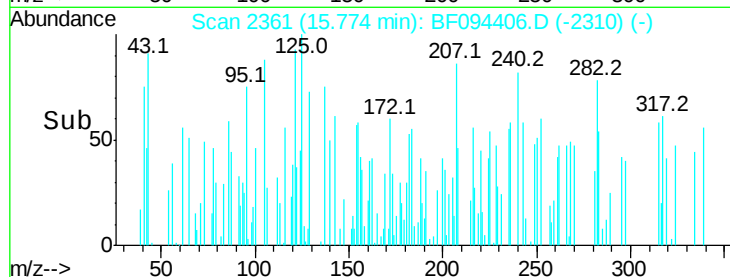
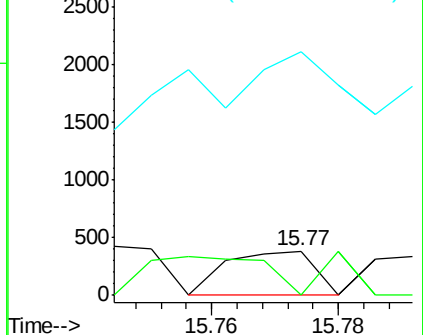
#64
4,6-Dinitro-2-methylphenol
Concen: 80.96 ng
RT: 15.77 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 367
Ion Ratio Lower Upper
198 100
51 0.0 22.6 62.6#
105 549.2 14.4 54.4#

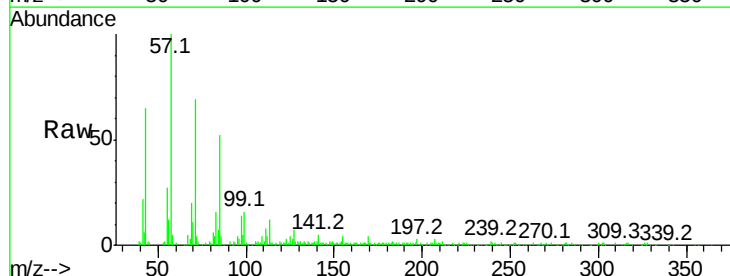


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

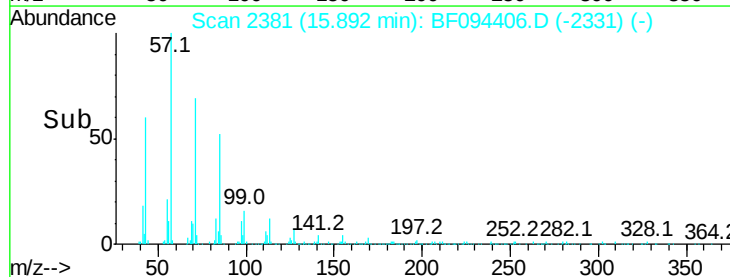
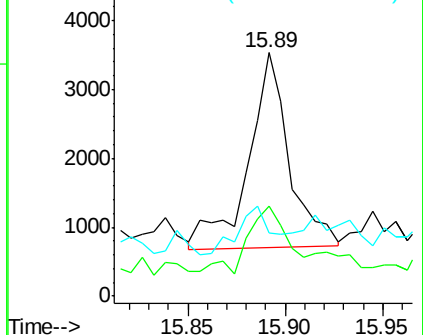


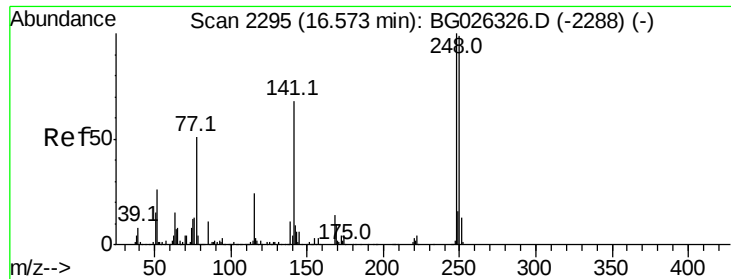
#65
n-Nitrosodiphenylamine
Concen: 194.82 ng
RT: 15.89 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Tgt Ion:169 Resp: 4111
Ion Ratio Lower Upper
169 100
168 36.8 55.7 83.5#
167 26.1 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

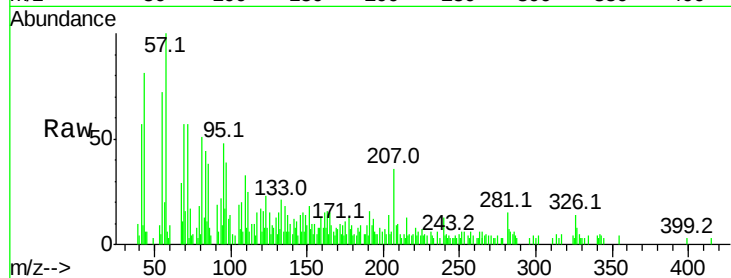




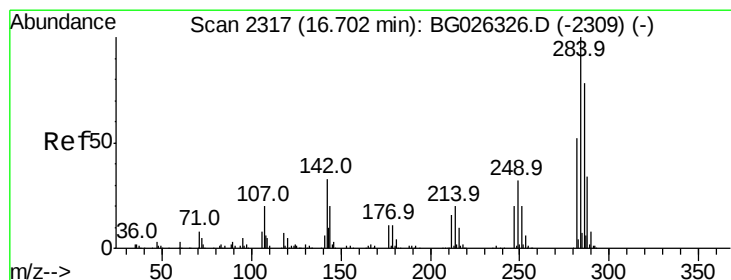
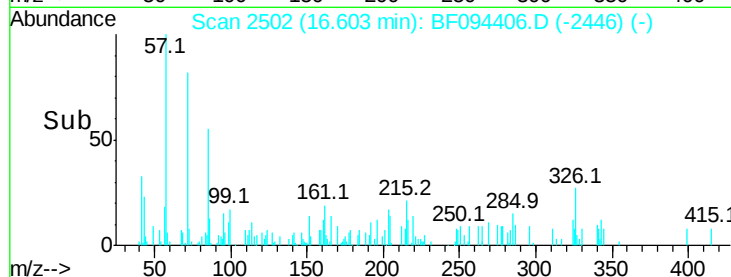
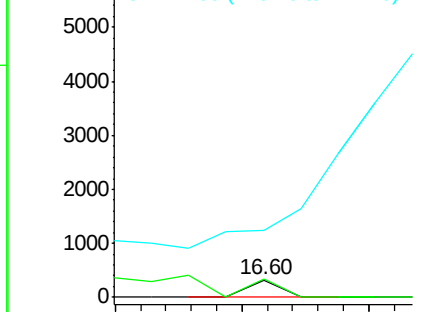
#66
4-Bromophenyl-phenylether
Concen: 15.13 ng
RT: 16.60 min Scan# 2502
Delta R.T. 0.03 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 112
Ion Ratio Lower Upper
248 100
250 104.1 75.0 112.6
141 392.7 55.2 82.8#

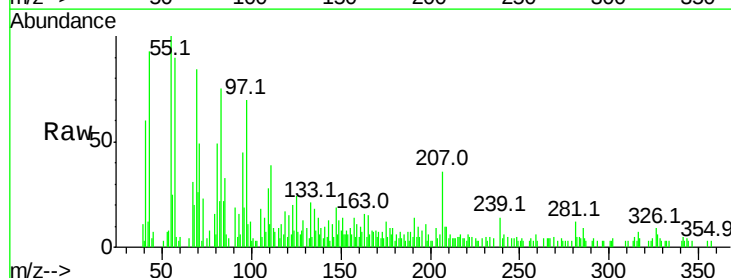


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

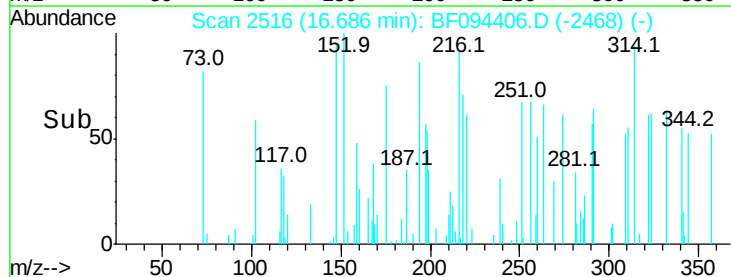
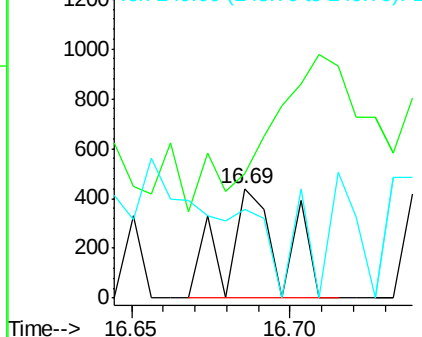


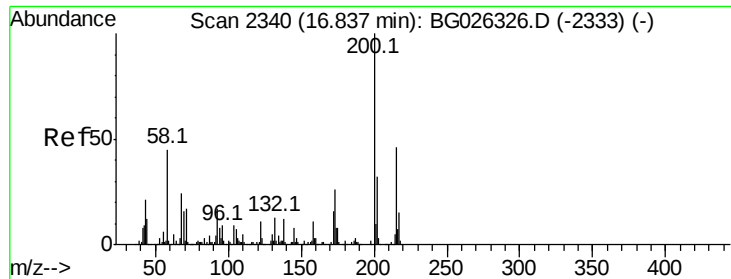
#67
Hexachlorobenzene
Concen: 68.02 ng
RT: 16.69 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BF094406.D
Acq: 13 Apr 2017 22:29

Tgt Ion:284 Resp: 537
Ion Ratio Lower Upper
284 100
142 113.9 29.9 44.9#
249 81.3 29.2 43.8#



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

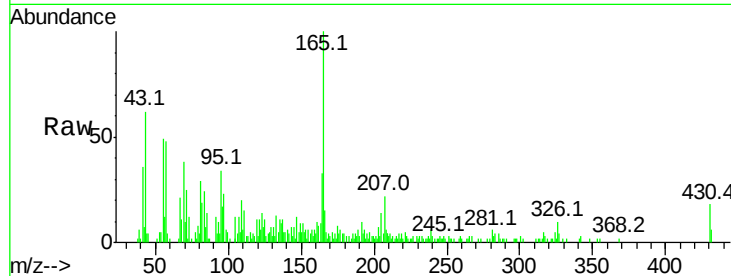




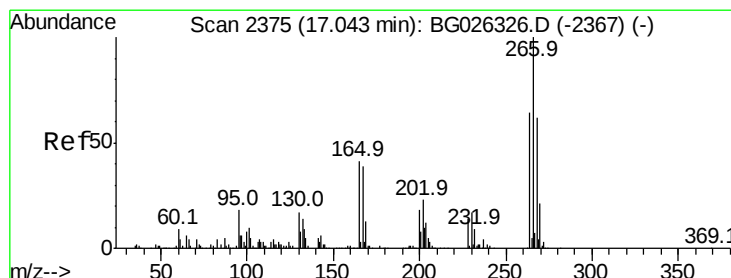
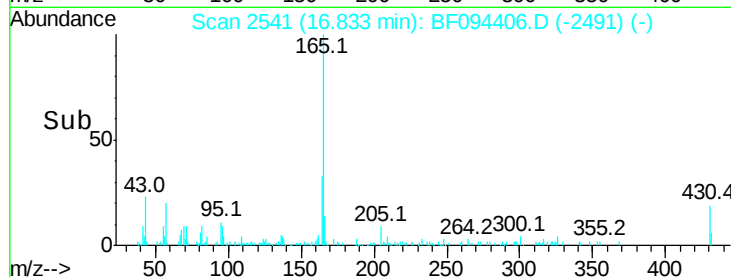
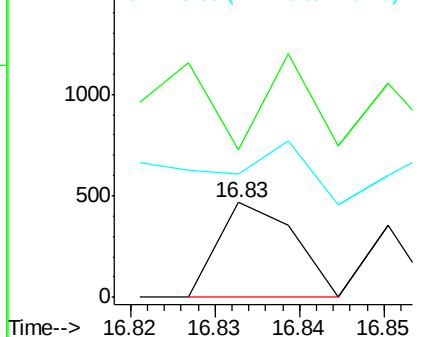
#68
 Atrazine
 Concen: 36.43 ng
 RT: 16.83 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 291
 Ion Ratio Lower Upper
 200 100
 173 155.5 3.0 43.0#
 215 129.6 28.4 68.4#

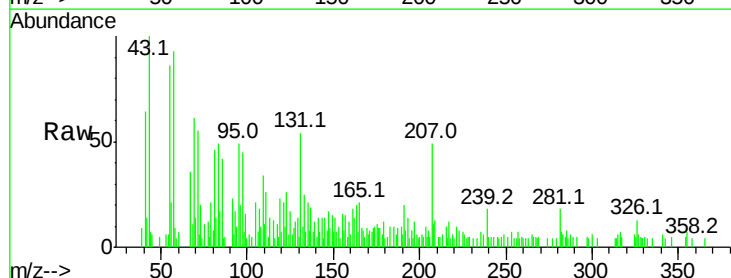


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

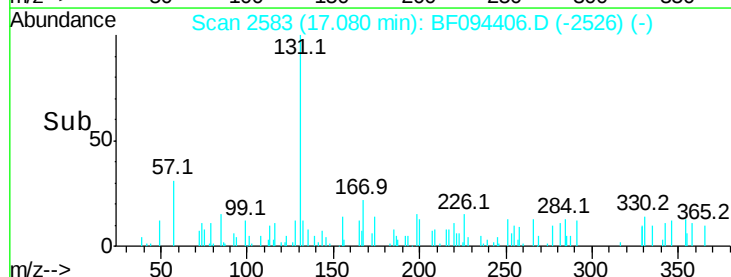
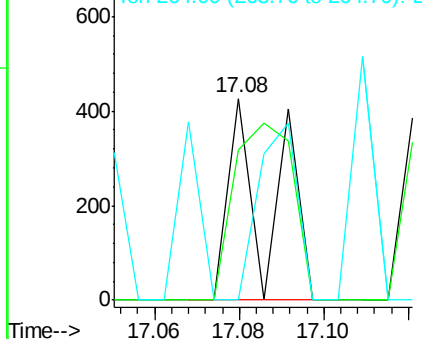


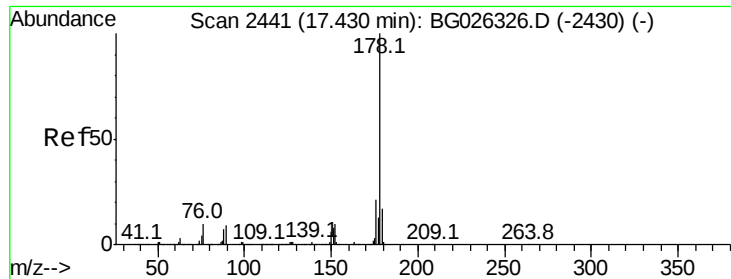
#69
 Pentachlorophenol
 Concen: 57.28 ng
 RT: 17.08 min Scan# 2583
 Delta R.T. 0.04 min
 Lab File: BF094406.D
 Acq: 13 Apr 2017 22:29

Tgt Ion:266 Resp: 294
 Ion Ratio Lower Upper
 266 100
 268 74.7 48.6 72.8#
 264 0.0 50.1 75.1#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 26.26 ng

RT: 17.46 min Scan# 2647

Delta R.T. 0.03 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

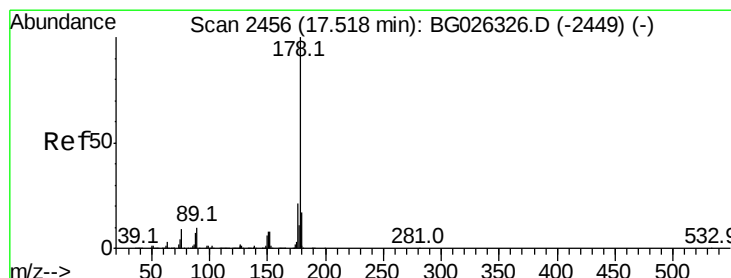
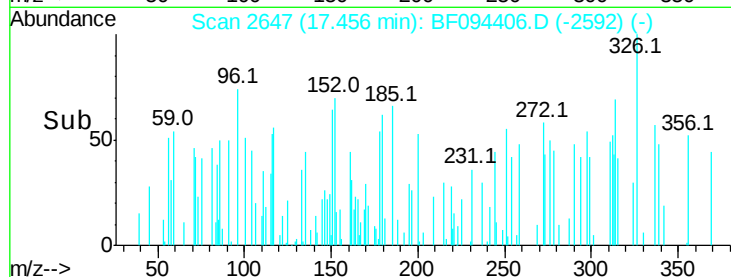
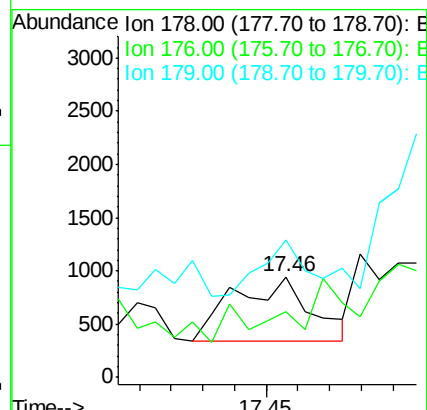
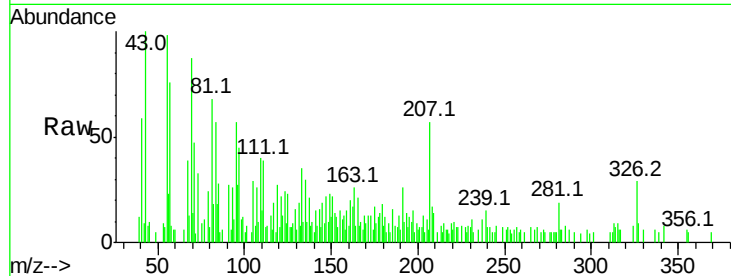
Tot Ion:178 Resp: 1014

Ion Ratio Lower Upper

178 100

176 65.7 17.7 26.5#

179 136.4 15.0 22.6#



#71

Anthracene

Concen: 41.45 ng

RT: 17.50 min Scan# 2655

Delta R.T. -0.02 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

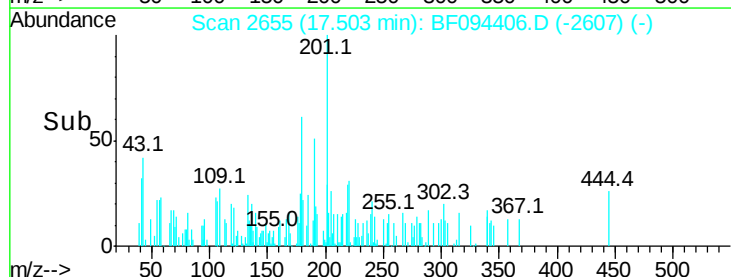
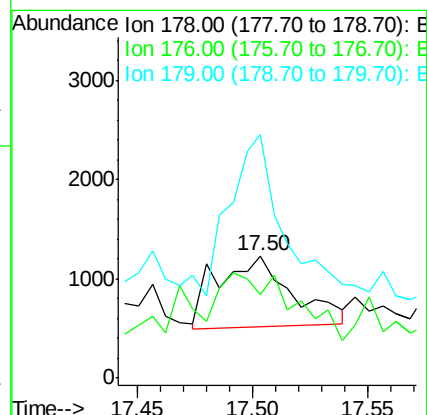
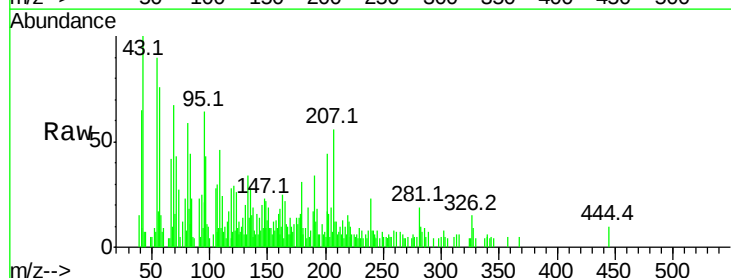
Tgt Ion:178 Resp: 1633

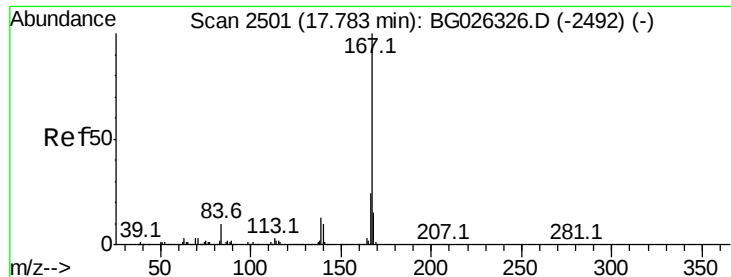
Ion Ratio Lower Upper

178 100

176 68.9 16.4 24.6#

179 199.6 13.8 20.8#





#72

Carbazole

Concen: 5.87 ng

RT: 17.79 min Scan# 2704

Delta R.T. 0.01 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

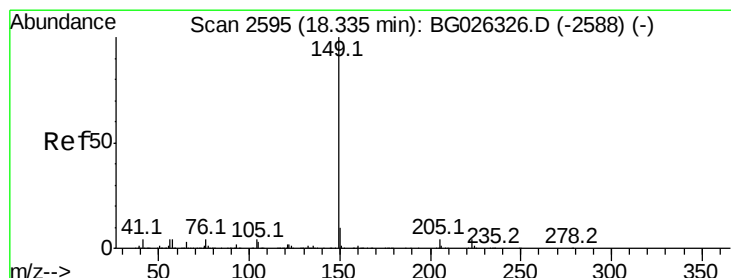
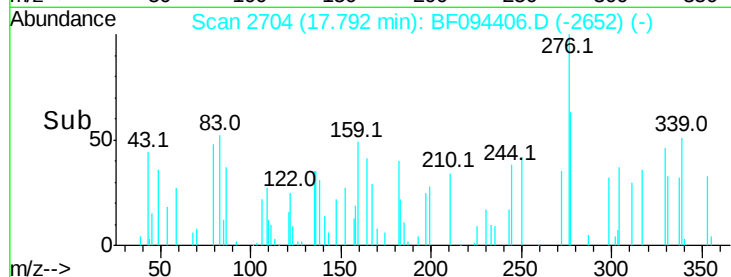
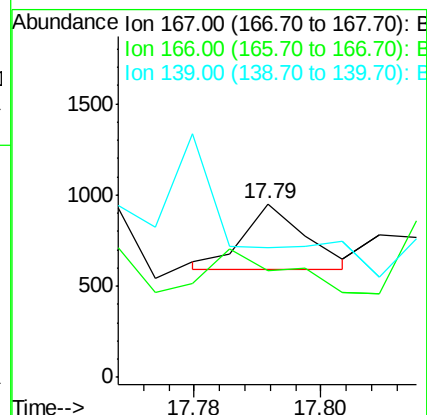
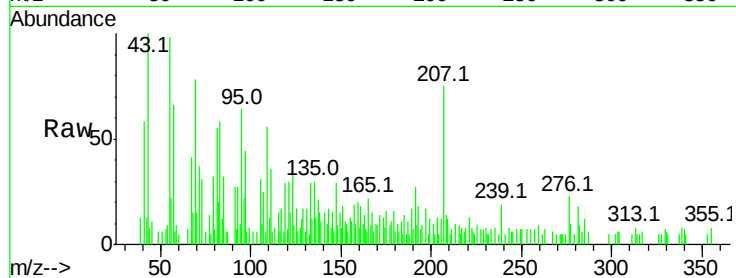
Tot Ion:167 Resp: 238

Ion Ratio Lower Upper

167 100

166 61.4 20.2 30.2#

139 74.6 12.8 19.2#



#73

Di-n-butylphthalate

Concen: 15.55 ng

RT: 18.34 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

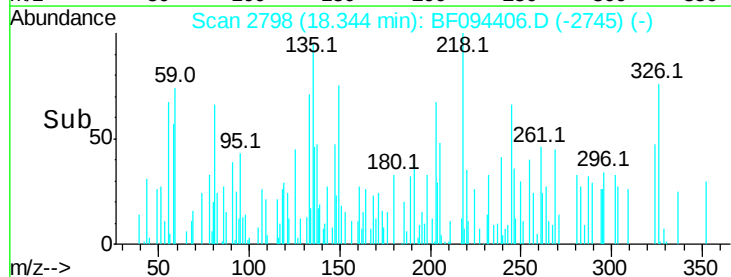
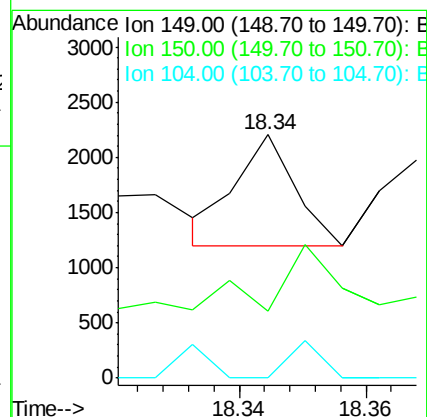
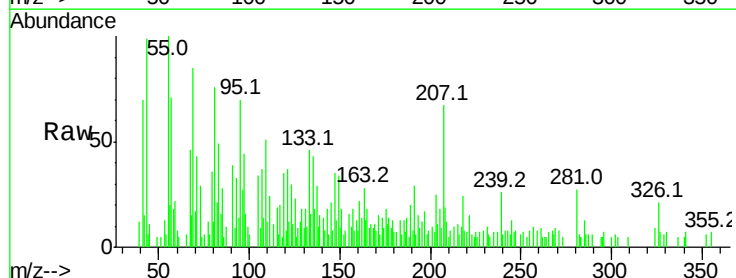
Tgt Ion:149 Resp: 648

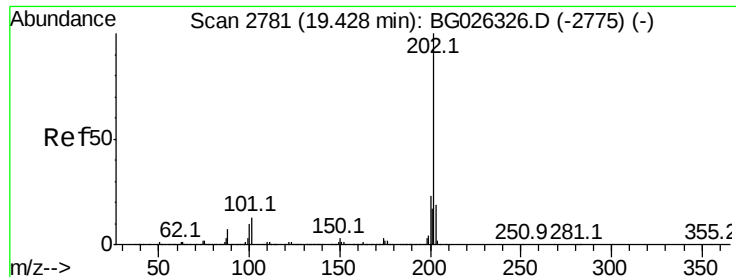
Ion Ratio Lower Upper

149 100

150 27.7 9.1 13.7#

104 0.0 6.7 10.1#





#74

Fluoranthene

Concen: 9.34 ng

RT: 19.41 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BF094406.D

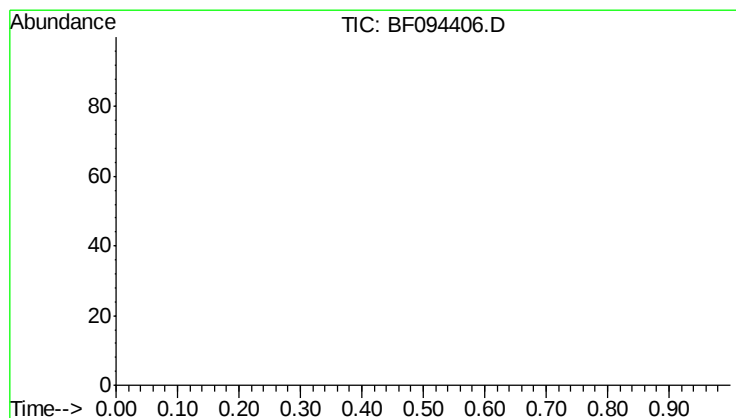
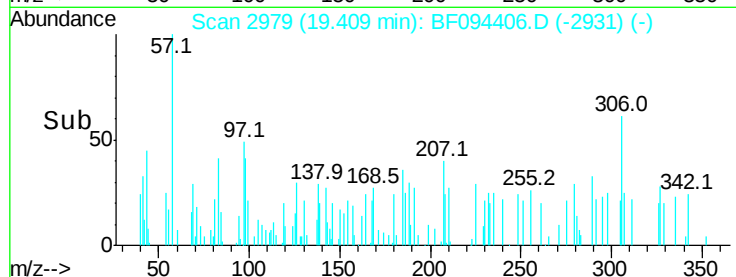
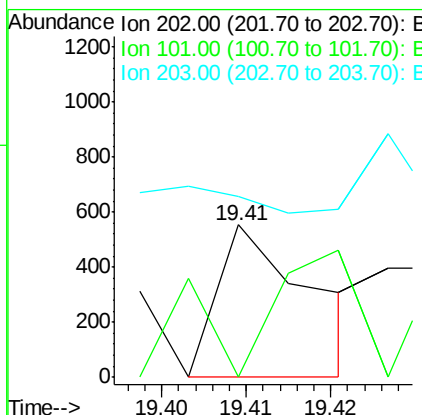
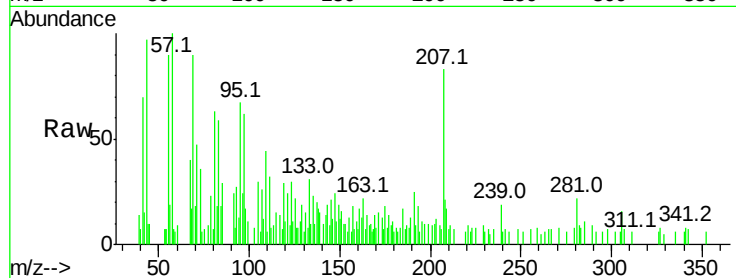
Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	424
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	118.2	1.3	41.3#



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 21.64 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

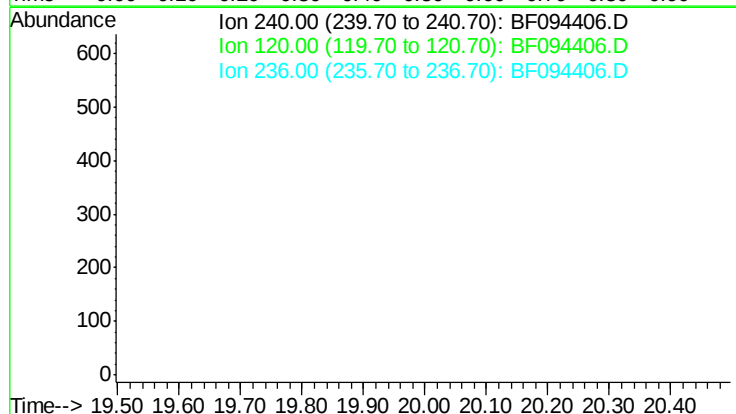
Tgt Ion: 240

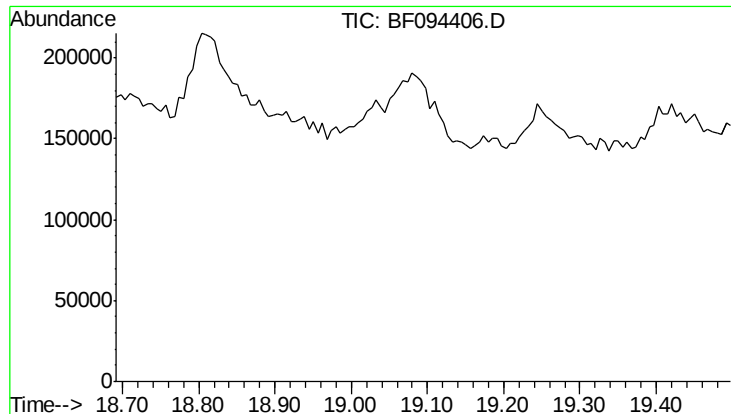
Sig Exp Ratio

240 100

120 7.1

236 27.8





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 19.99 min

Lab File: BF094406.D

Acq: 13 Apr 2017 22:29

Instrument :

BNA_F

ClientSampleId :

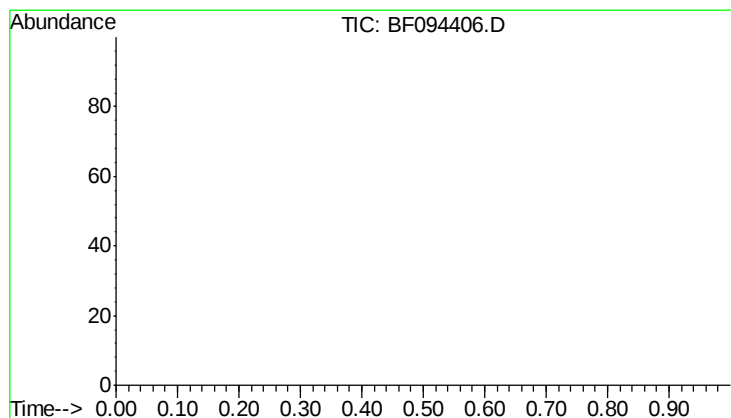
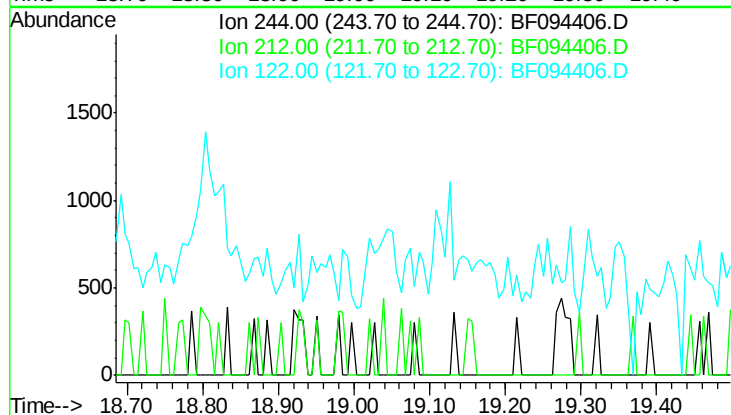
Tot Ion: 244

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: BF094406.D

Acq: 13 Apr 2017 22:29

Tgt Ion: 264

Sig Exp Ratio

264 100

260 27.3

265 22.8

