

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094403.D
 Acq On : 13 Apr 2017 21:07
 Operator : SJ/MA
 Sample : I2662-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:49:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.05
21) Naphthalene-d8	10.84	136	240	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	415	20.00	ng	0.20
63) Phenanthrene-d10	17.66	188	355	20.00	ng	0.27
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	5.78	112	306	0.00	ng	0.17
7) Phenol-d6	7.47	99	111	0.00	ng	0.26
23) Nitrobenzene-d5	9.42	82	24865	6229.56	ng	0.22
41) 2,4,6-Tribromophenol	16.34	330	989	208.10	ng	0.20
44) 2-Fluorobiphenyl	13.50	172	112	3.78	ng	0.22
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
22) Acetophenone	9.10	105	5029	911.20	ng	# 41
24) Nitrobenzene	9.10	77	25962	6587.54	ng	# 52
25) Isophorone	9.76	82	470	62.48	ng	# 1
26) 2-Nitrophenol	9.94	139	116	56.57	ng	# 1
27) 2,4-Dimethylphenol	10.06	122	370	109.92	ng	# 57
28) bis(2-Chloroethoxy)methane	10.26	93	1322	270.50	ng	# 1
29) 2,4-Dichlorophenol	10.40	162	134	39.36	ng	# 1
30) 1,2,4-Trichlorobenzene	10.73	180	457	119.51	ng	# 12
31) Naphthalene	10.90	128	361	29.75	ng	# 1
32) Benzoic acid	10.08	122	159	61.39	ng	# 27
33) 4-Chloroaniline	10.96	127	574	116.30	ng	# 40
35) Caprolactam	11.80	113	130	96.92	ng	# 1
36) 4-Chloro-3-methylphenol	12.11	107	1226	336.68	ng	# 25
37) 2-Methylnaphthalene	12.53	142	679	76.39	ng	# 24
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	4439	355.50	ng	# 1
40) Hexachlorocyclopentadiene	12.96	237	523	79.57	ng	# 75
42) 2,4,6-Trichlorophenol	13.27	196	718	87.82	ng	# 59
43) 2,4,5-Trichlorophenol	13.33	196	435	48.14	ng	# 1
45) 1,1'-Biphenyl	13.67	154	928	27.00	ng	# 1
46) 2-Chloronaphthalene	13.74	162	489	19.48	ng	# 1
47) 2-Nitroaniline	13.84	65	151	21.15	ng	# 86
48) Acenaphthylene	14.63	152	359	8.20	ng	# 1
49) Dimethylphthalate	14.29	163	3243	103.53	ng	# 39
50) 2,6-Dinitrotoluene	14.41	165	508	69.49	ng	# 20
51) Acenaphthene	14.93	154	497	18.44	ng	# 1
52) 3-Nitroaniline	14.77	138	181	22.49	ng	# 1
53) 2,4-Dinitrophenol	14.97	184	260	61.31	ng	# 90
54) Dibenzofuran	15.24	168	515	13.57	ng	# 1
55) 4-Nitrophenol	15.05	139	789	119.70	ng	# 1
56) 2,4-Dinitrotoluene	15.22	165	841	81.79	ng	# 20
57) Fluorene	15.90	166	268	7.94	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.46	232	253	32.10	ng	# 1
59) Diethylphthalate	15.69	149	1137	35.51	ng	# 40
60) 4-Chlorophenyl-phenylether	15.91	204	616	38.50	ng	# 1

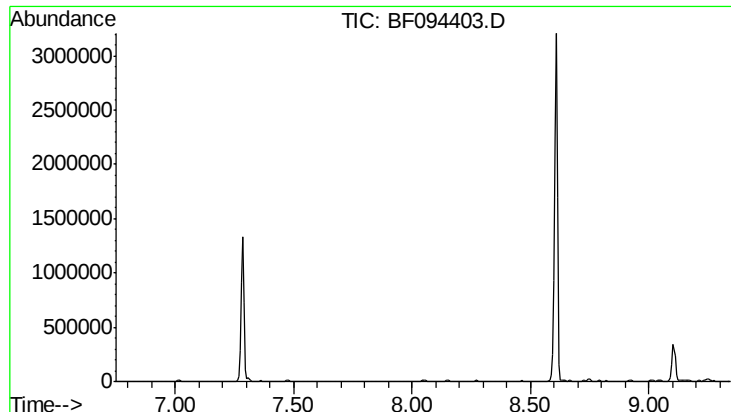
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	15.94	138	849	99.71	nq	96
62) Azobenzene	16.22	77	940	36.11	nq	# 1
64) 4,6-Dinitro-2-methylphenol	16.01	198	1801	804.68	nq	# 1
65) n-Nitrosodiphenylamine	16.14	169	475	45.59	nq	# 66
66) 4-Bromophenyl-phenylether	16.82	248	258	70.61	nq	# 1
67) Hexachlorobenzene	17.02	284	552	141.62	nq	# 1
68) Atrazine	17.12	200	1962	497.44	nq	# 1
69) Pentachlorophenol	17.33	266	675	266.36	nq	# 78
70) Phenanthrene	17.72	178	1231	64.57	nq	# 3
71) Anthracene	17.80	178	308	15.84	nq	# 1
72) Carbazole	18.06	167	411	20.52	nq	# 1
73) Di-n-butylphthalate	18.63	149	481	23.38	nq	# 59
74) Fluoranthene	19.44	202	293	13.07	nq	# 1

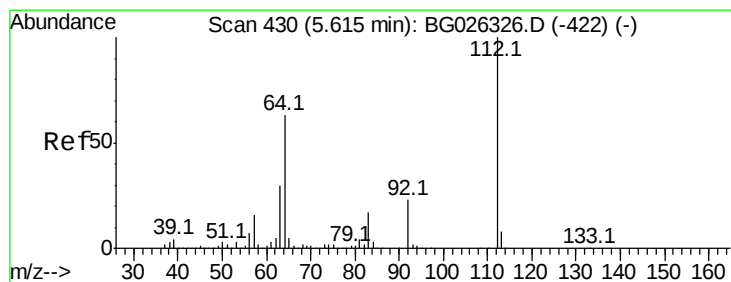
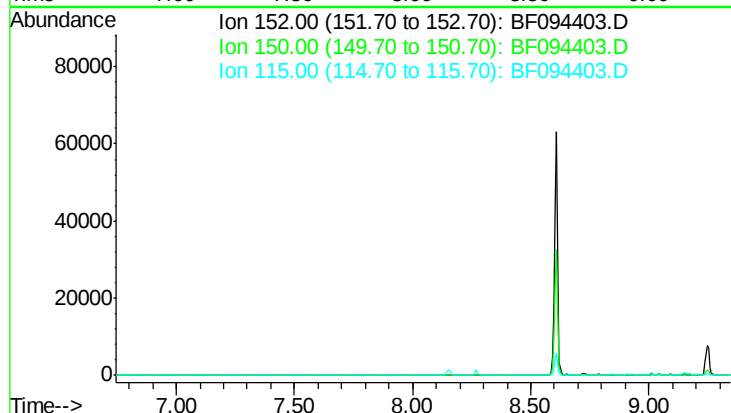
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 8.05 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

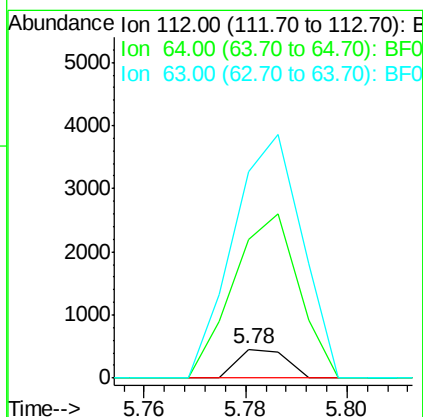
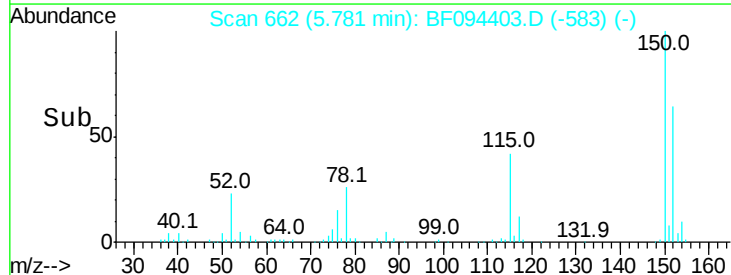
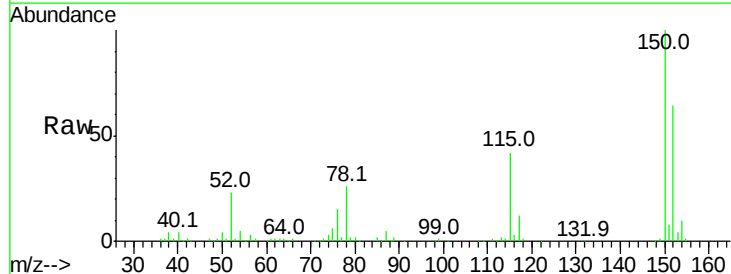
Instrument :
 BNA_F
 ClientSampleId :

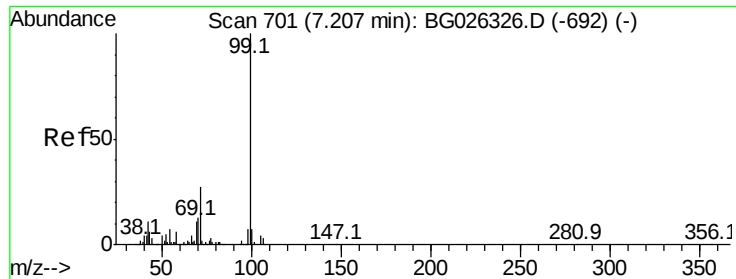
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 142.5
 115 60.1



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.78 min Scan# 662
 Delta R.T. 0.17 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Tgt Ion: 112 Resp: 306
 Ion Ratio Lower Upper
 112 100
 64 485.6 61.8 92.6#
 63 724.3 37.2 55.8#





#7

Phenol-d6

Concen: 0.00 ng

RT: 7.47 min Scan# 949

Delta R.T. 0.26 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

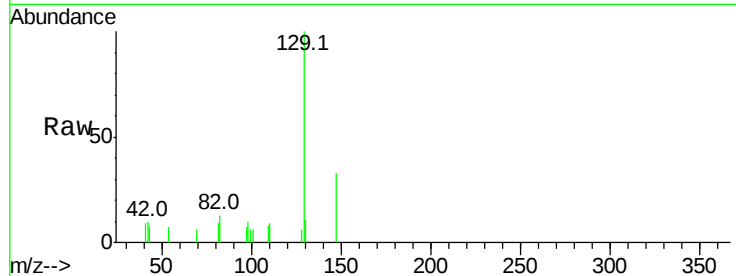
Tot Ion: 99 Resp: 111

Ion Ratio Lower Upper

99 100

42 177.4 20.5 30.7#

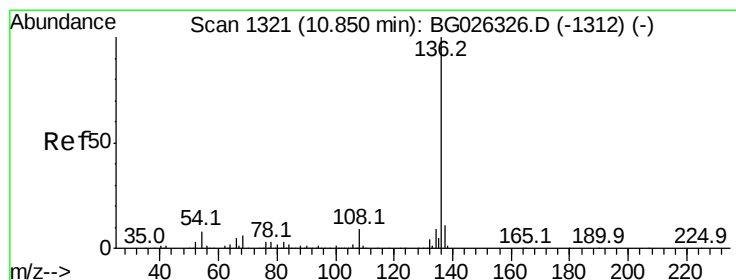
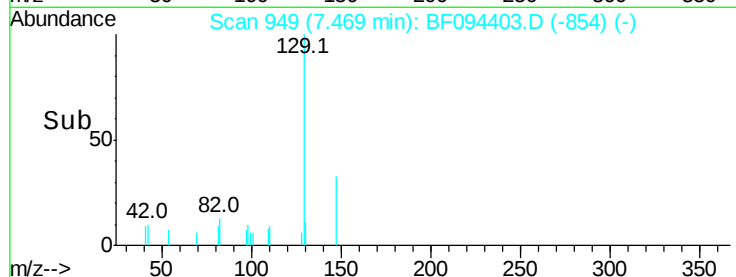
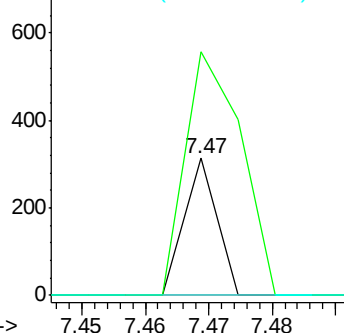
71 0.0 37.6 56.4#



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: 20.00 ng

RT: 10.84 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Tgt Ion: 136 Resp: 240

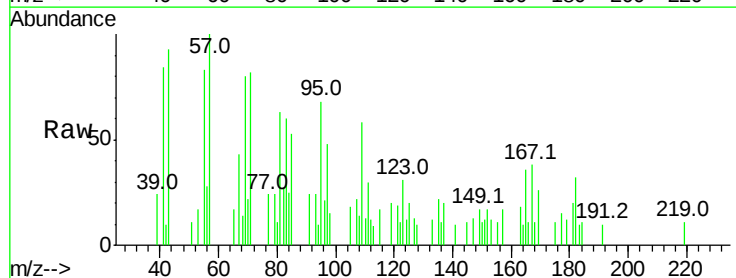
Ion Ratio Lower Upper

136 100

137 179.8 8.9 13.3#

54 0.0 9.3 13.9#

68 128.4 5.1 7.7#

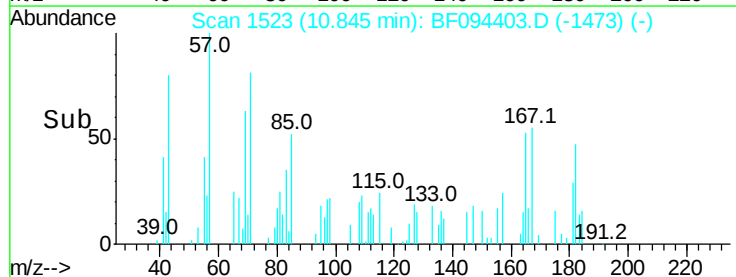
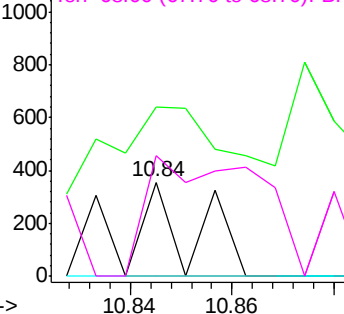


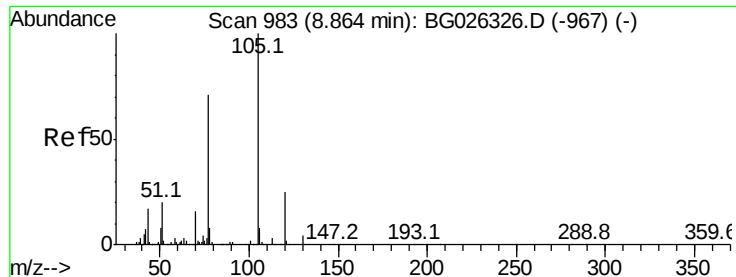
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 911.20 ng

RT: 9.10 min Scan# 1227

Delta R.T. 0.24 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 5029

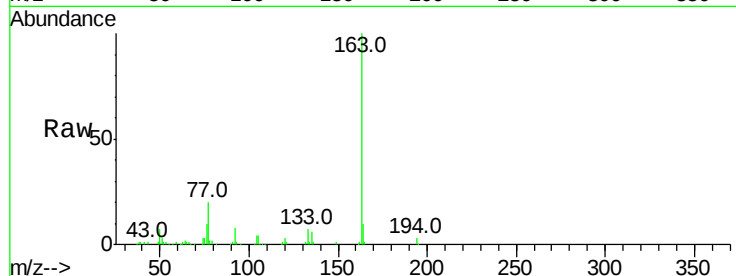
Ion Ratio Lower Upper

105 100

71 0.0 0.9 1.3#

51 70.1 34.0 51.0#

120 65.7 17.3 25.9#

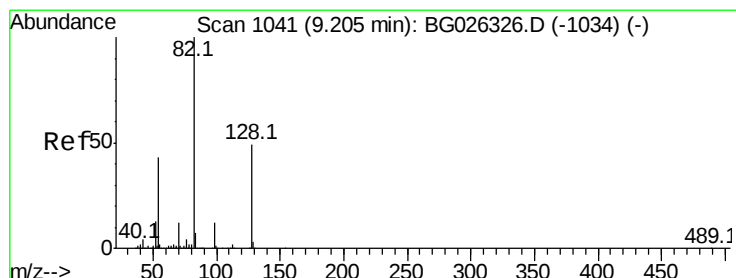
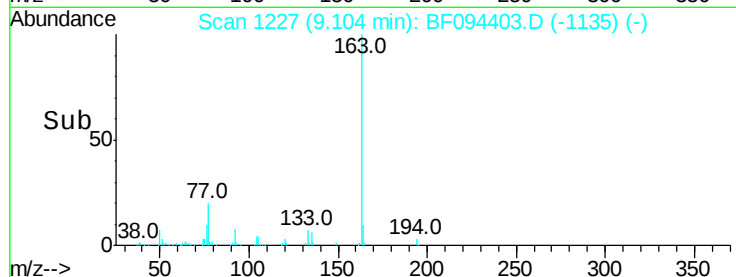
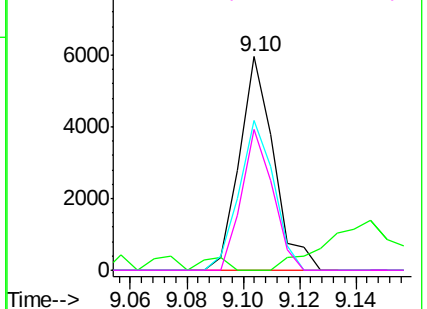


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 6229.56 ng

RT: 9.42 min Scan# 1281

Delta R.T. 0.22 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

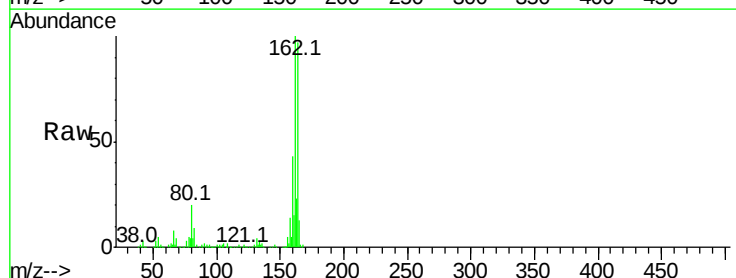
Tgt Ion: 82 Resp: 24865

Ion Ratio Lower Upper

82 100

128 1.7 26.4 39.6#

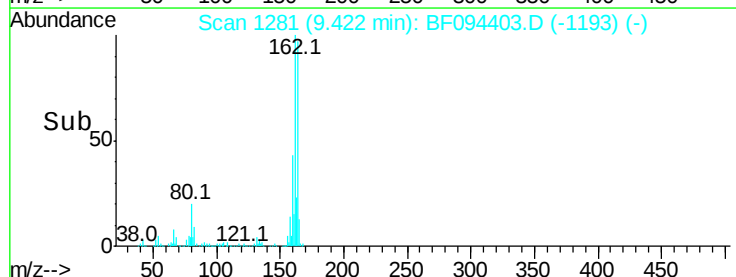
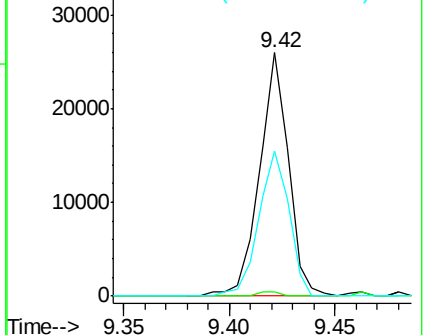
54 59.5 49.4 74.2

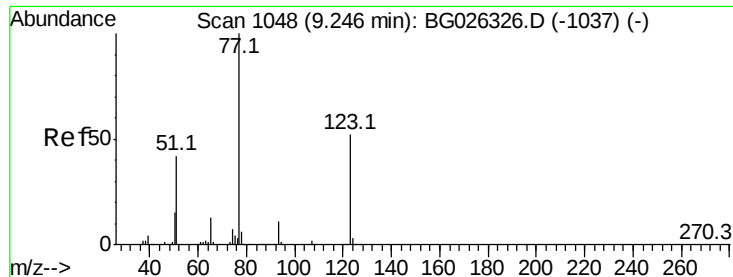


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 6587.54 ng

RT: 9.10 min Scan# 1227

Delta R.T. -0.14 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

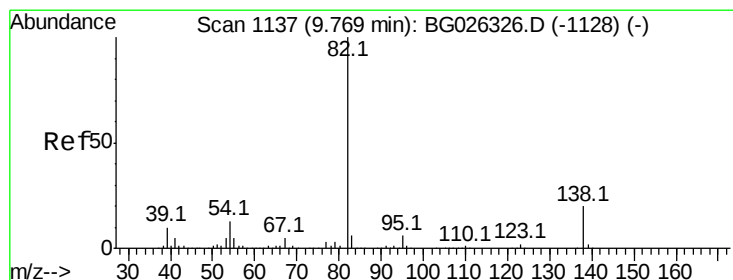
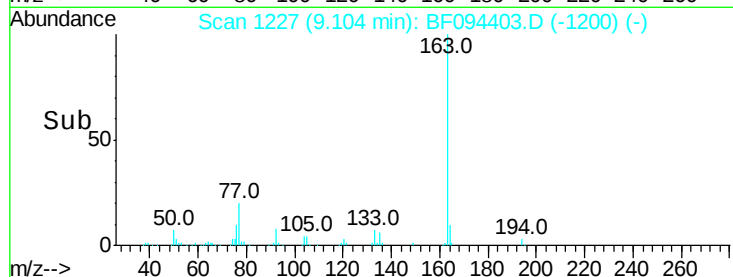
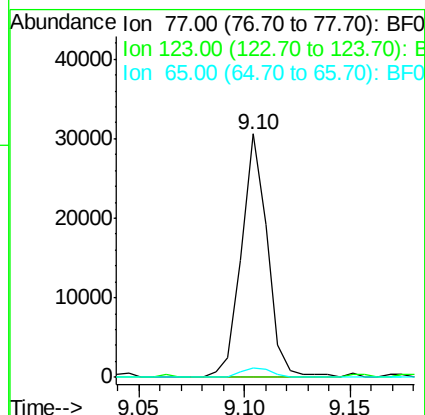
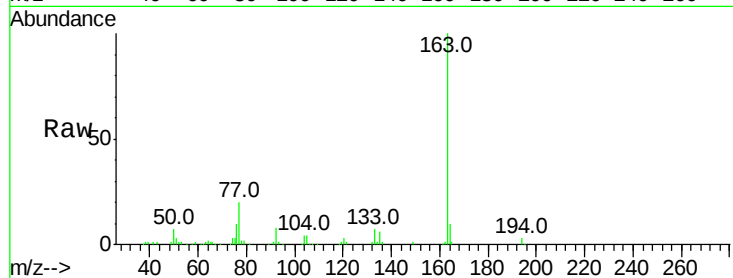
Tot Ion: 77 Resp: 25962

Ion Ratio Lower Upper

77 100

123 0.0 26.1 39.1#

65 4.0 12.4 18.6#



#25

Isophorone

Concen: 62.48 ng

RT: 9.76 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

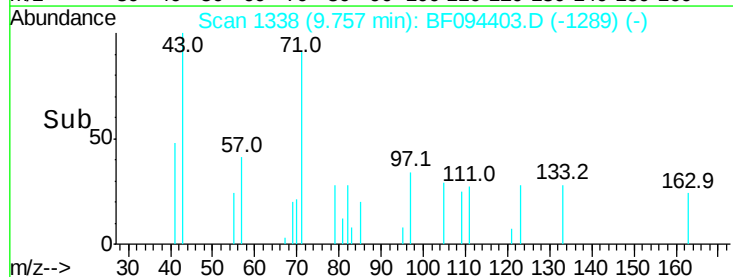
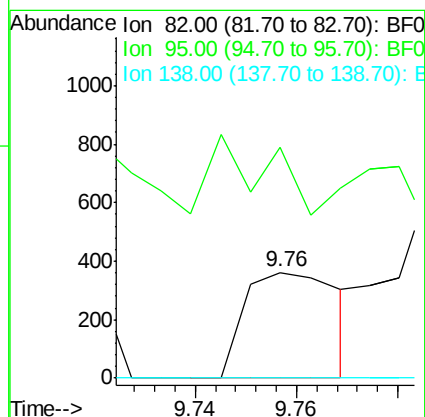
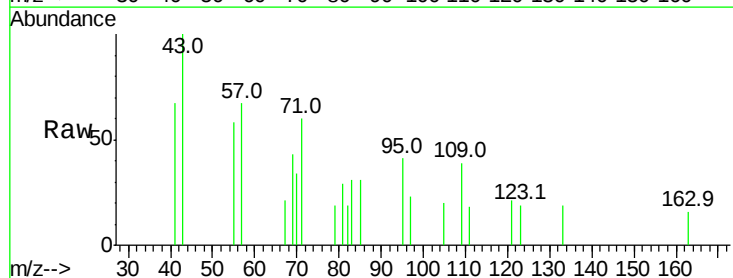
Tgt Ion: 82 Resp: 470

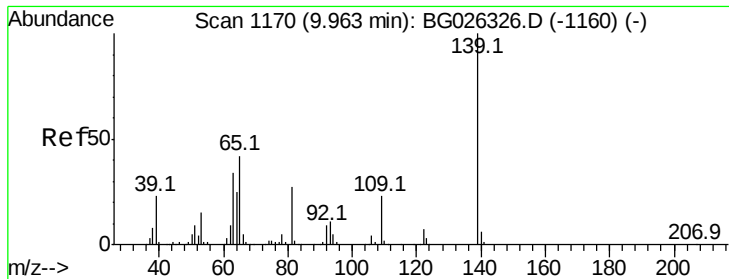
Ion Ratio Lower Upper

82 100

95 218.5 7.5 11.3#

138 0.0 12.3 18.5#

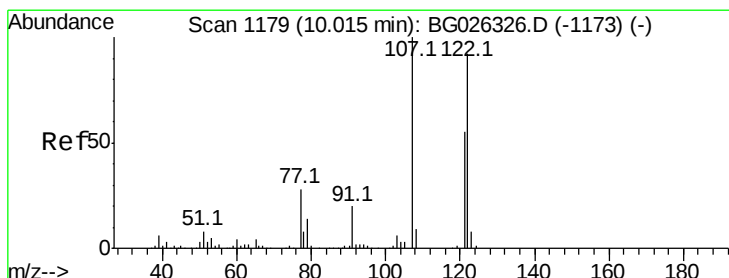
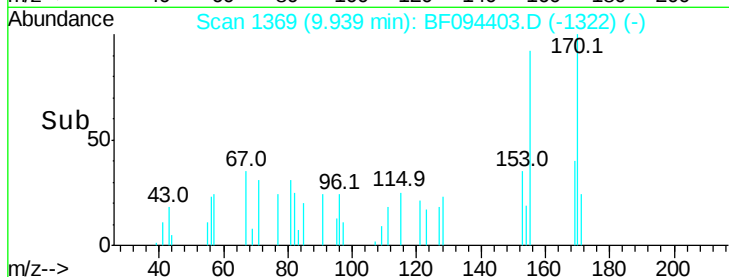
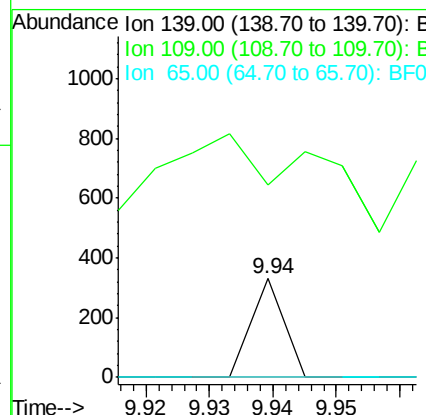
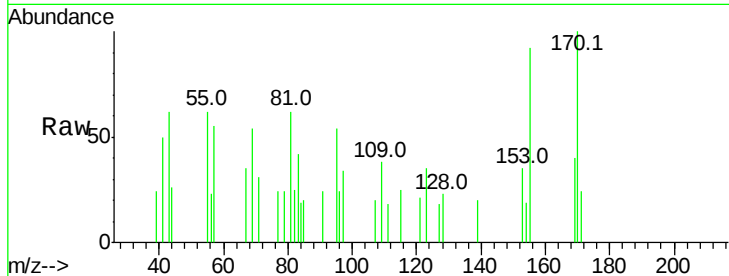




#26
2-Nitrophenol
Concen: 56.57 ng
RT: 9.94 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

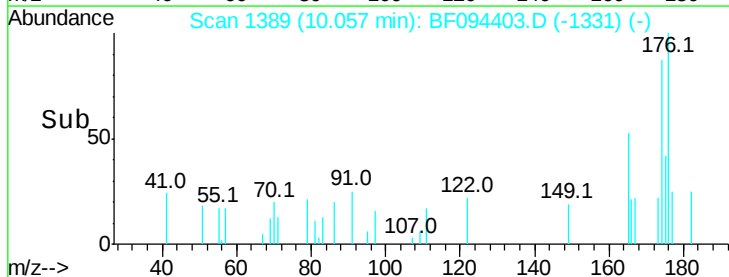
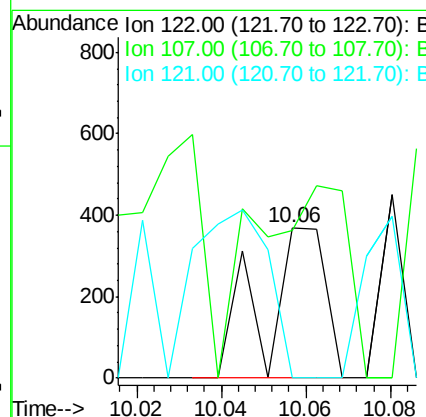
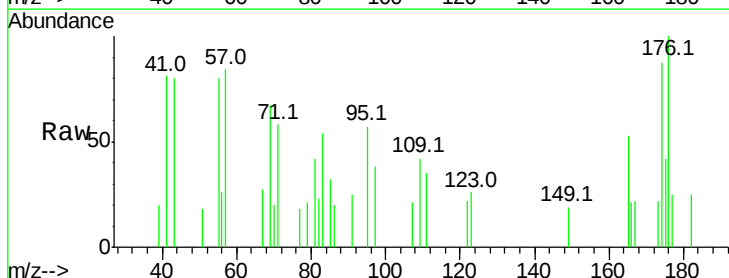
Instrument :
BNA_F
ClientSampled :

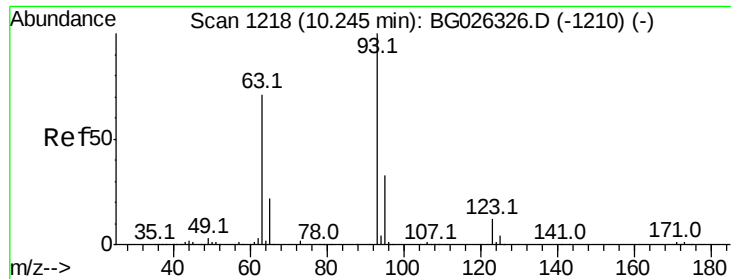
Tot Ion:139 Resp: 116
Ion Ratio Lower Upper
139 100
109 195.2 38.6 58.0#
65 0.0 57.1 85.7#



#27
2,4-Dimethylphenol
Concen: 109.92 ng
RT: 10.06 min Scan# 1389
Delta R.T. 0.04 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:122 Resp: 370
Ion Ratio Lower Upper
122 100
107 97.6 104.2 156.4#
121 0.0 46.0 69.0#

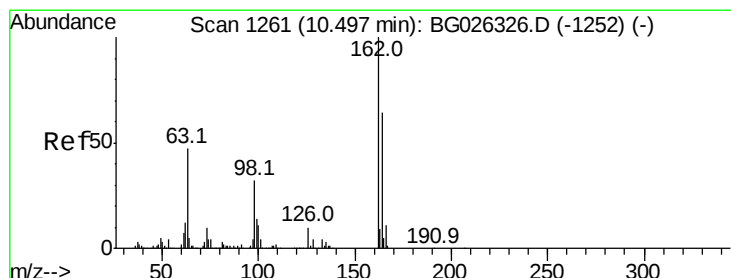
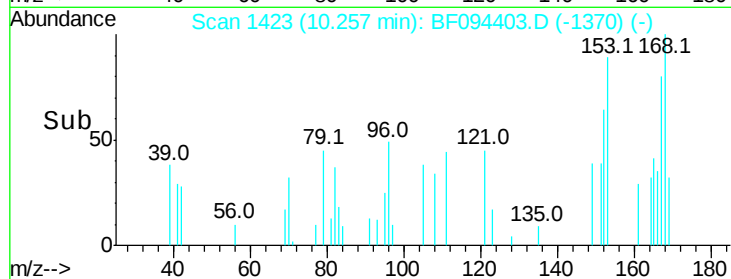
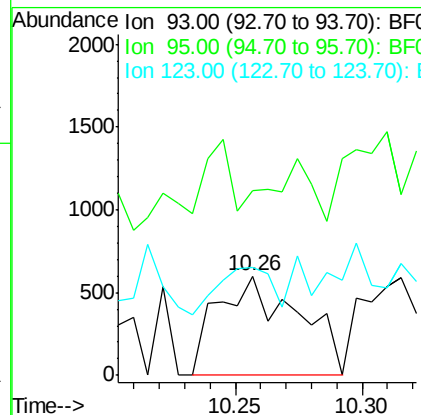
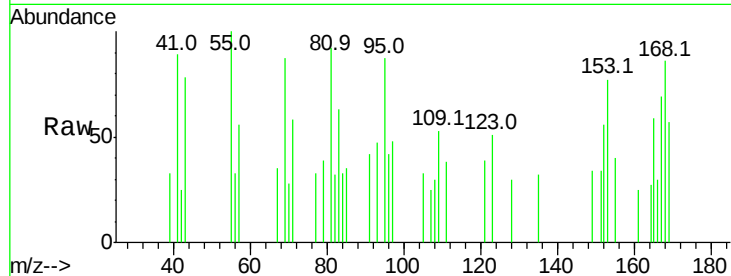




#28
 bis(2-Chloroethoxy)methane
 Concen: 270.50 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

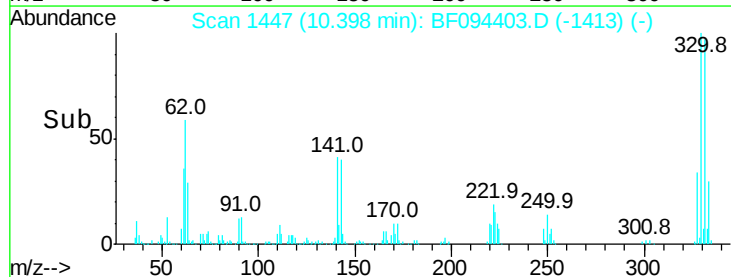
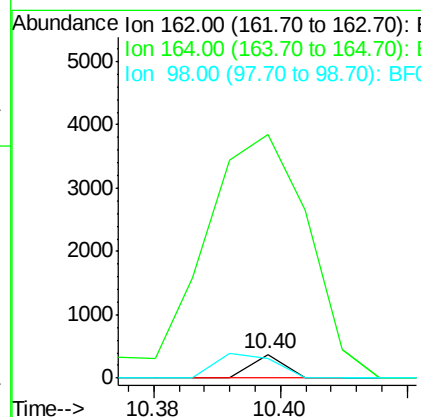
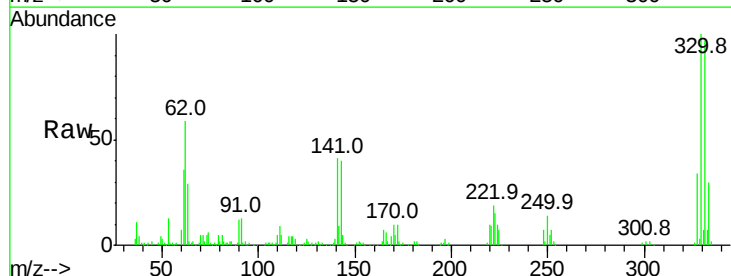
Instrument :
 BNA_F
 ClientSampleId :

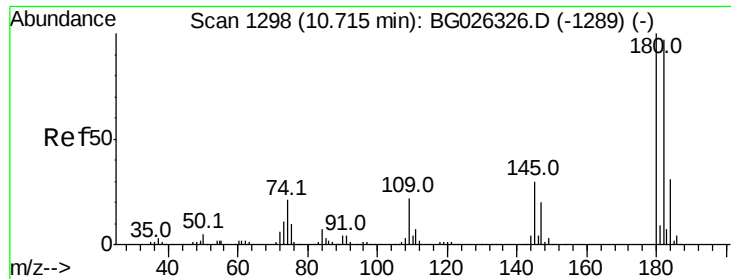
Tot Ion: 93 Resp: 1322
 Ion Ratio Lower Upper
 93 100
 95 185.5 25.7 38.5#
 123 108.2 8.3 12.5#



#29
 2,4-Dichlorophenol
 Concen: 39.36 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.10 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Tgt Ion:162 Resp: 134
 Ion Ratio Lower Upper
 162 100
 164 1012.1 42.4 82.4#
 98 80.3 20.3 60.3#

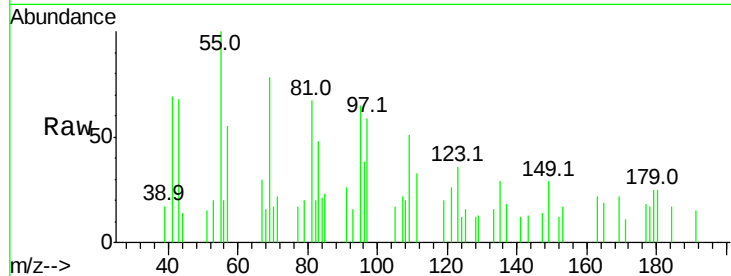




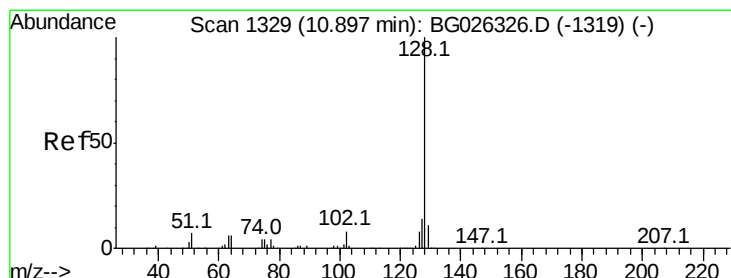
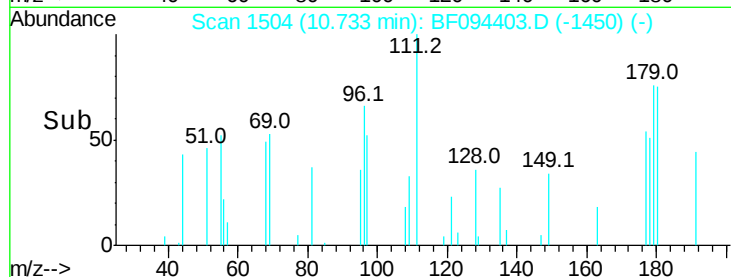
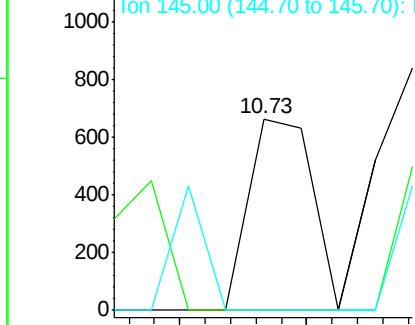
#30
 1,2,4-Trichlorobenzene
 Concen: 119.51 ng
 RT: 10.73 min Scan# 1504
 Delta R.T. 0.02 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 457
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.0 115.4#
 145 0.0 23.4 35.0#

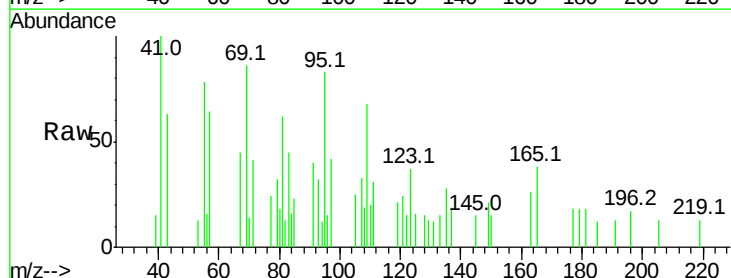


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

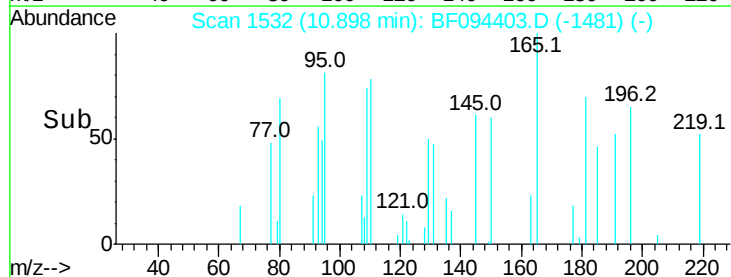
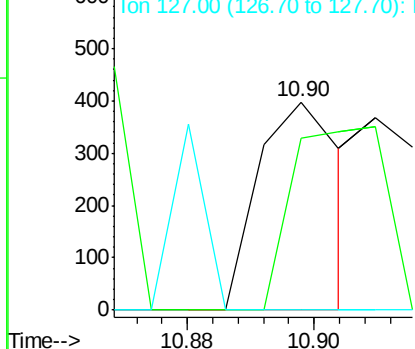


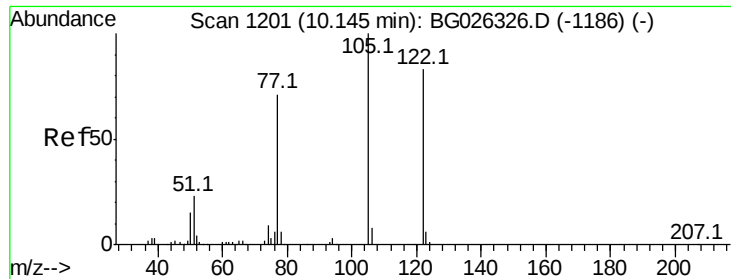
#31
 Naphthalene
 Concen: 29.75 ng
 RT: 10.90 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Tgt Ion:128 Resp: 361
 Ion Ratio Lower Upper
 128 100
 129 82.9 9.3 13.9#
 127 0.0 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

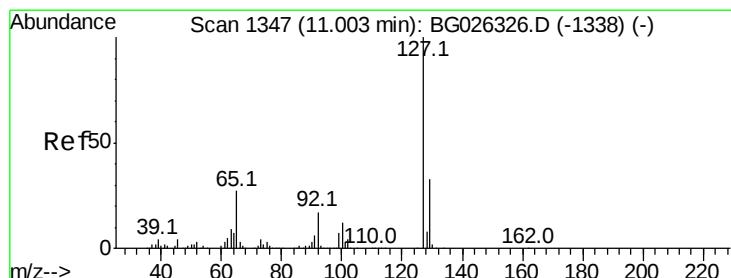
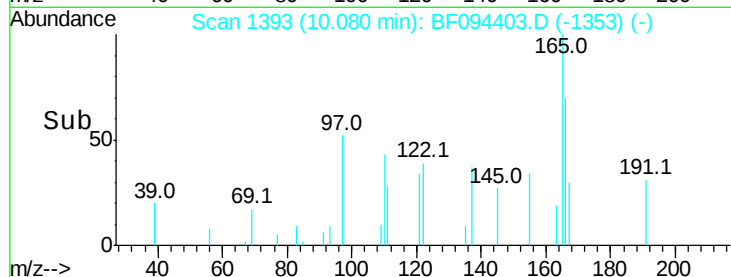
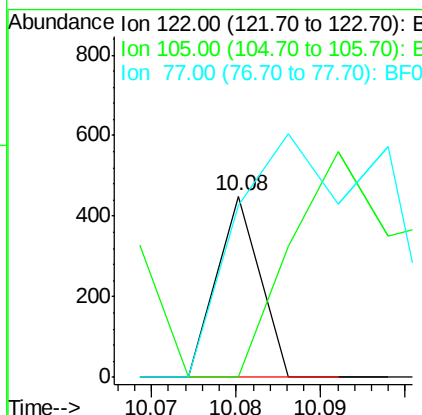
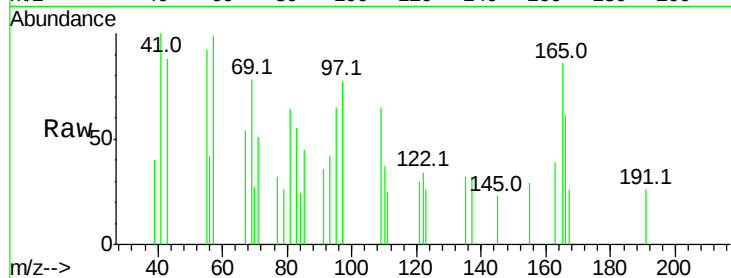




#32
Benzoic acid
Concen: 61.39 ng
RT: 10.08 min Scan# 1393
Delta R.T. -0.06 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

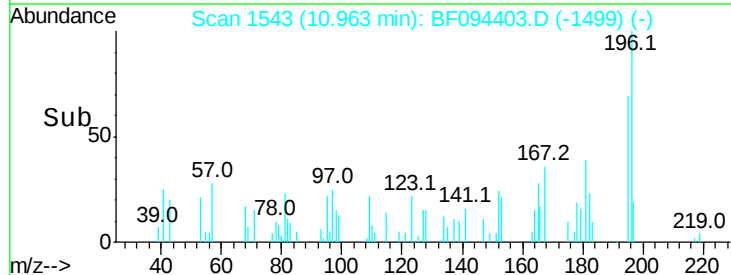
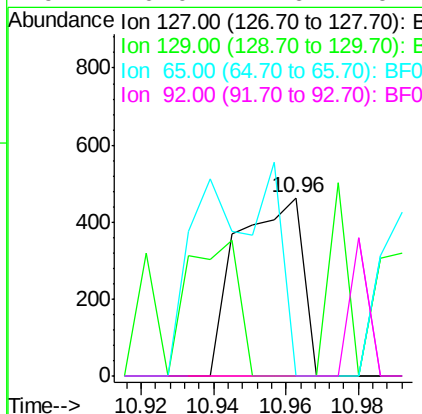
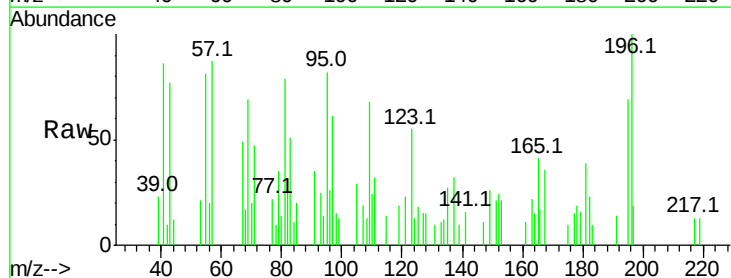
Instrument :
BNA_F
ClientSampled :

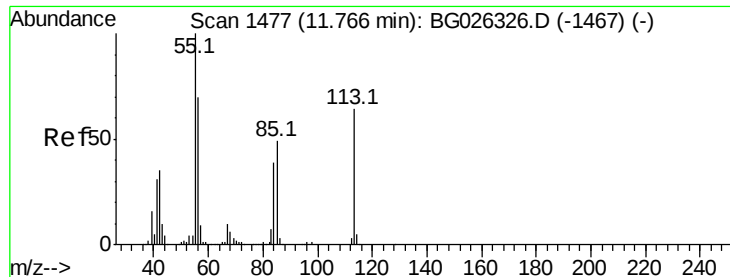
Tot Ion:122 Resp: 159
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 95.1 104.6 144.6#



#33
4-Chloroaniline
Concen: 116.30 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:127 Resp: 574
Ion Ratio Lower Upper
127 100
129 0.0 23.6 35.4#
65 0.0 37.7 56.5#
92 0.0 17.6 26.4#





#35

Caprolactam

Concen: 96.92 ng

RT: 11.80 min Scan# 1685

Delta R.T. 0.03 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

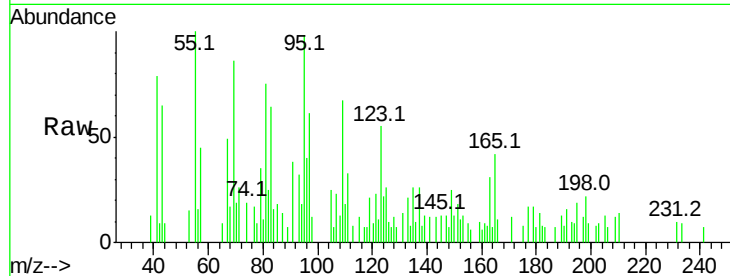
Tot Ion:113 Resp: 130

Ion Ratio Lower Upper

113 100

55 1264.3 198.6 238.6#

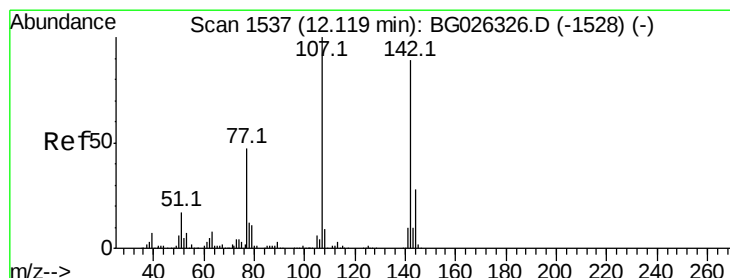
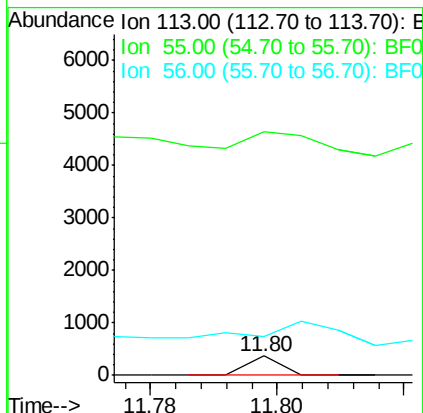
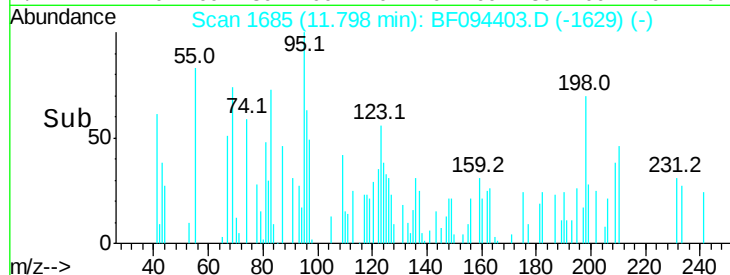
56 204.1 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 336.68 ng

RT: 12.11 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

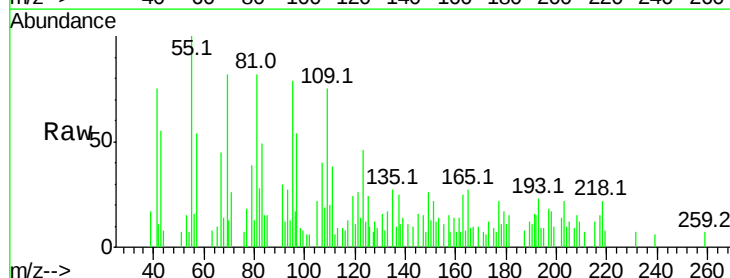
Tgt Ion:107 Resp: 1226

Ion Ratio Lower Upper

107 100

144 0.0 17.4 26.0#

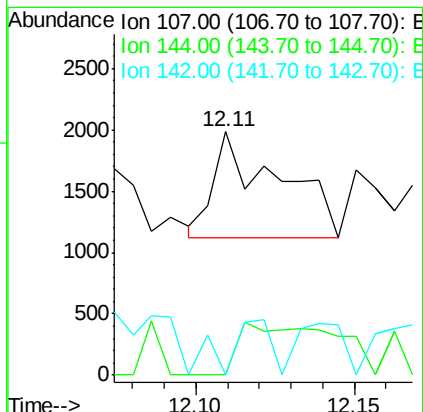
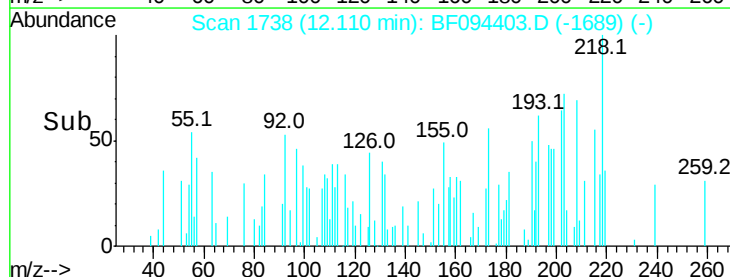
142 0.0 54.1 81.1#

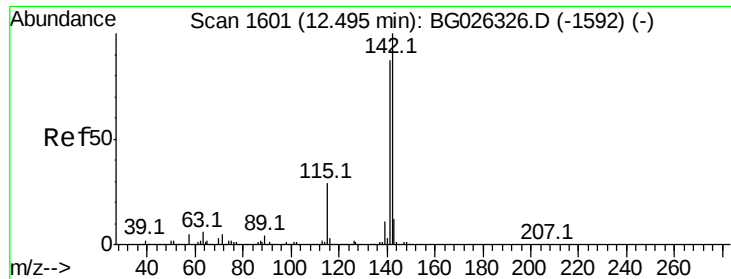


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

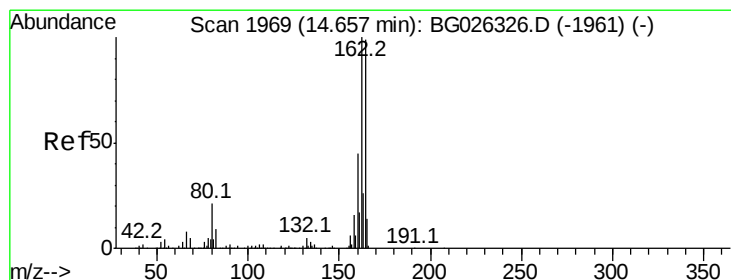
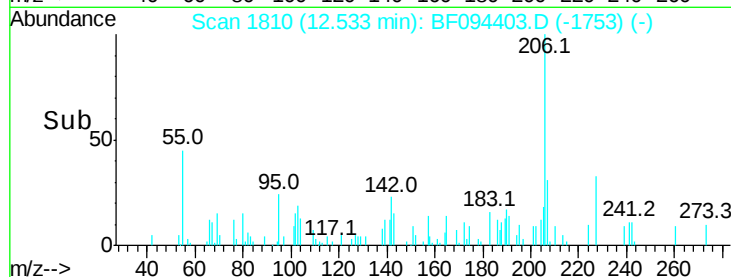
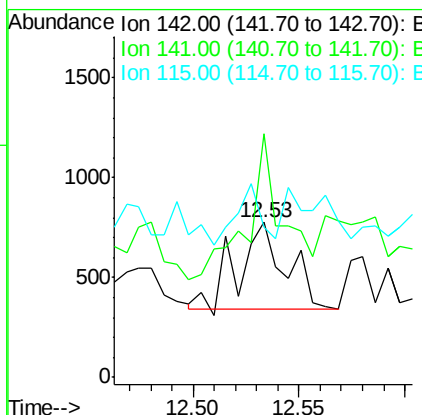
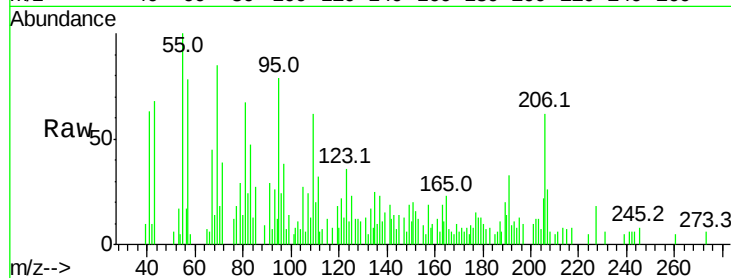




#37
2-Methylnaphthalene
Concen: 76.39 ng
RT: 12.53 min Scan# 1810
Delta R.T. 0.04 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

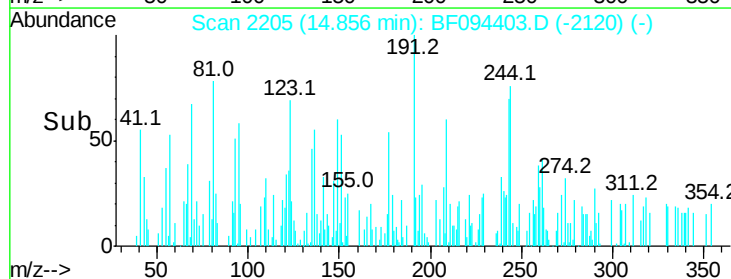
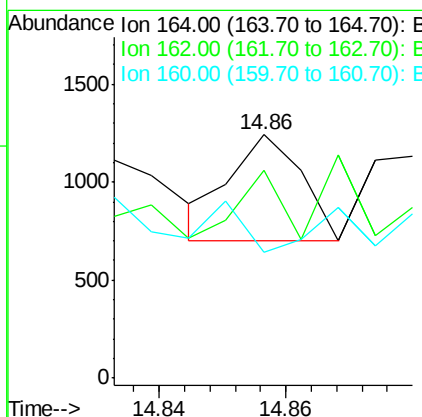
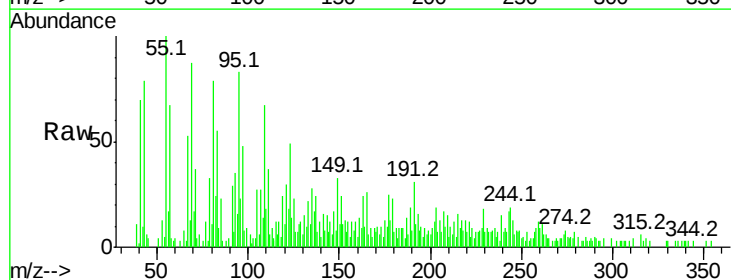
Instrument :
BNA_F
ClientSampled :

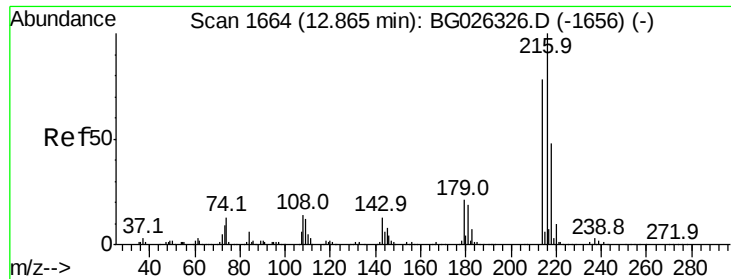
Tot Ion:142 Resp: 679
Ion Ratio Lower Upper
142 100
141 157.0 70.4 105.6#
115 96.5 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.86 min Scan# 2205
Delta R.T. 0.20 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:164 Resp: 415
Ion Ratio Lower Upper
164 100
162 85.5 85.1 127.7
160 51.9 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 355.50 ng

RT: 13.23 min Scan# 1928

Delta R.T. 0.36 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 4439

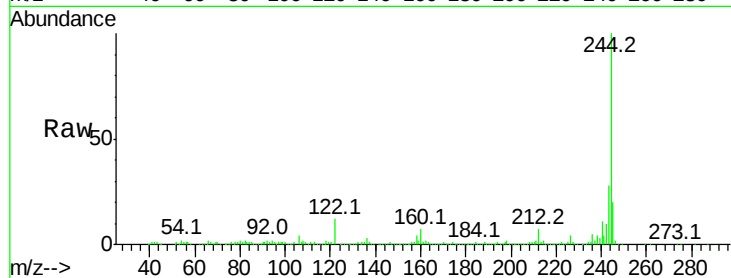
Ion Ratio Lower Upper

216 100

214 270.6 64.4 96.6#

179 0.0 17.4 26.0#

108 446.9 15.6 23.4#

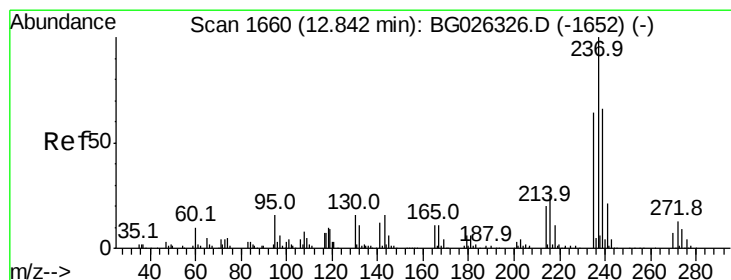
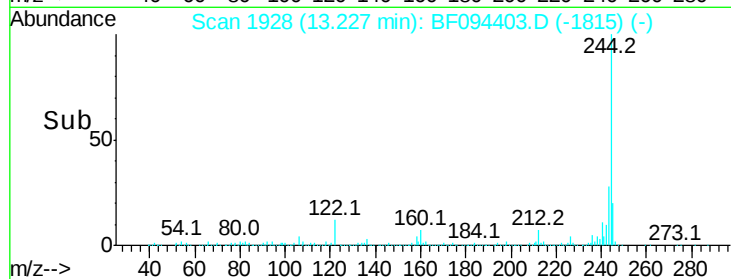
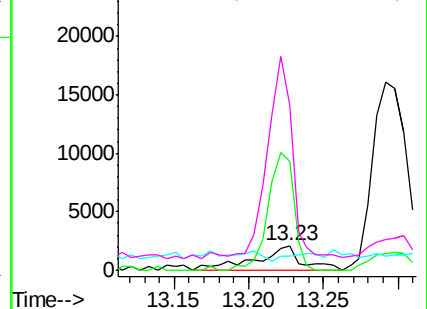


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.57 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.11 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

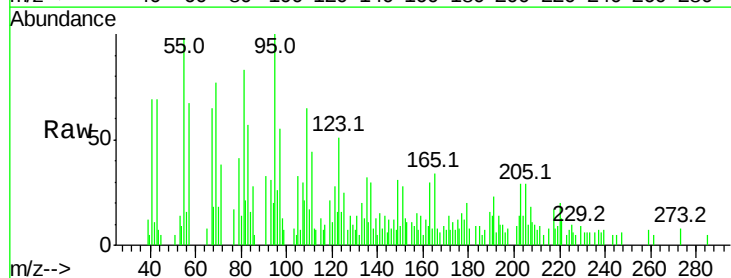
Tgt Ion:237 Resp: 523

Ion Ratio Lower Upper

237 100

235 77.3 39.4 79.4

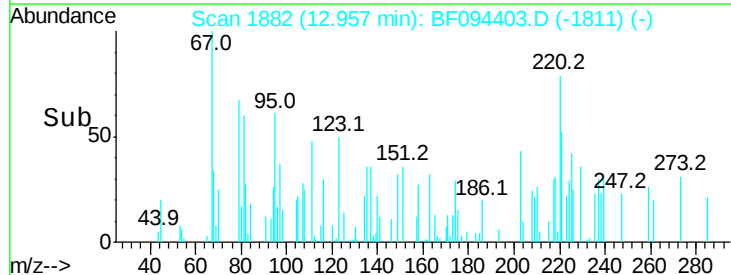
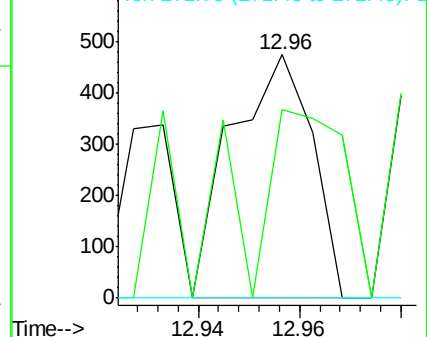
272 0.0 0.0 32.0

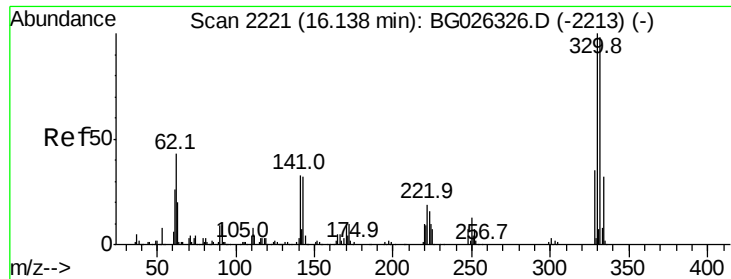


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

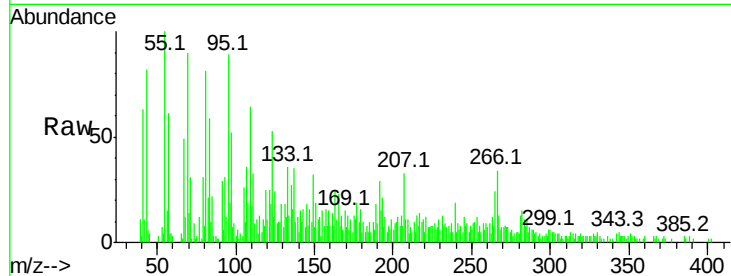




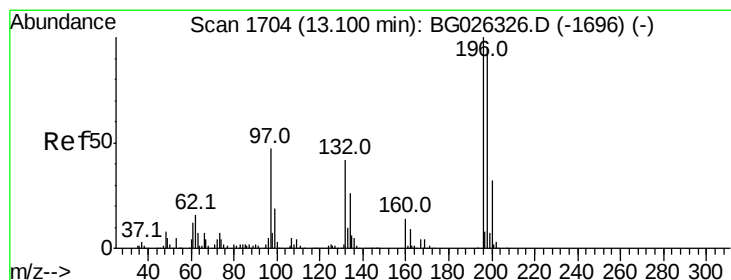
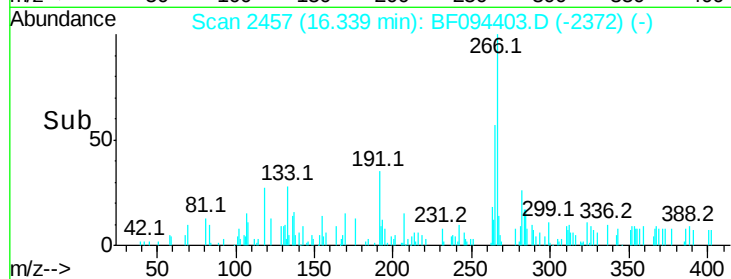
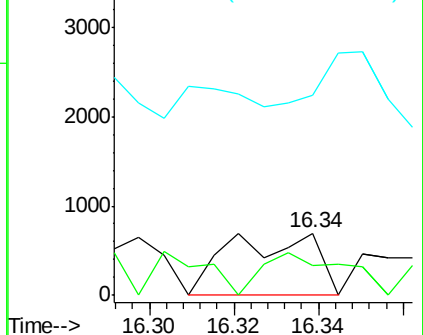
#41
2,4,6-Tribromophenol
Concen: 208.10 ng
RT: 16.34 min Scan# 2457
Delta R.T. 0.20 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 989
Ion Ratio Lower Upper
330 100
332 65.2 77.3 115.9#
141 108.8 32.1 48.1#

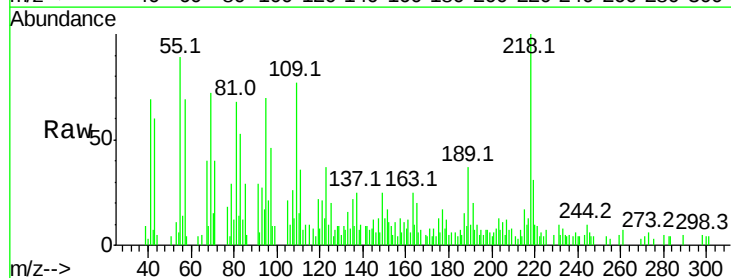


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

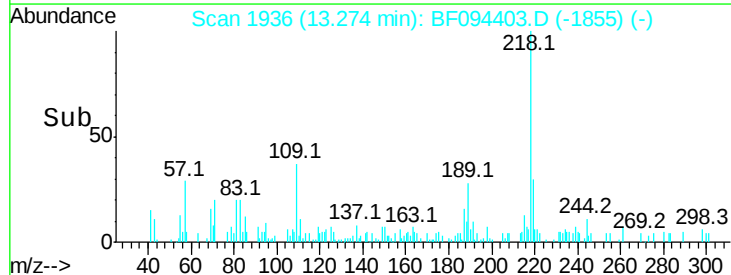
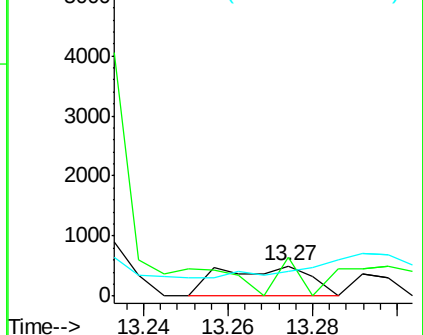


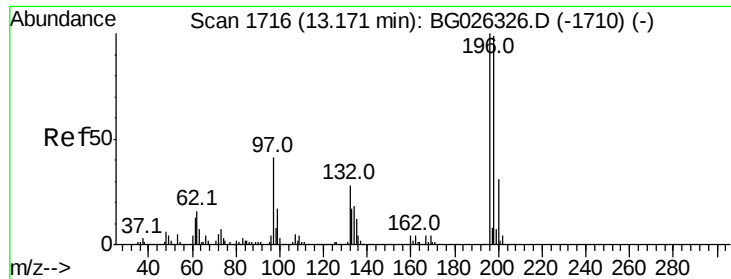
#42
2,4,6-Trichlorophenol
Concen: 87.82 ng
RT: 13.27 min Scan# 1936
Delta R.T. 0.17 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:196 Resp: 718
Ion Ratio Lower Upper
196 100
198 128.7 81.4 122.2#
200 82.6 27.0 40.6#



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

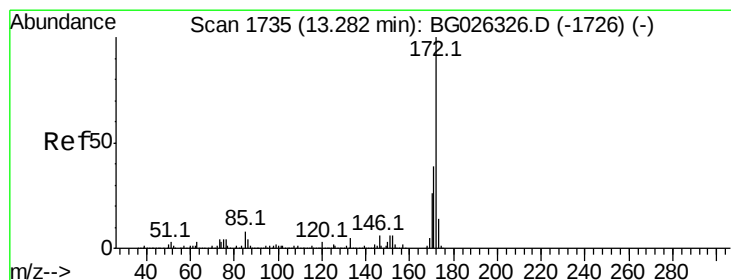
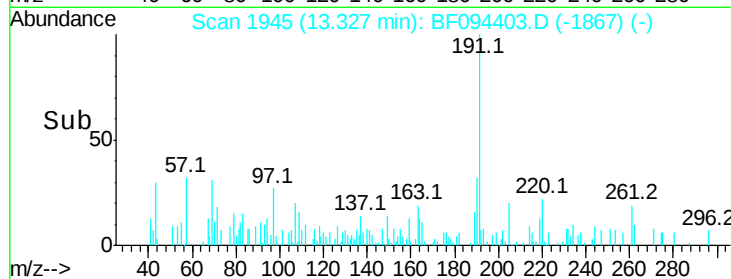
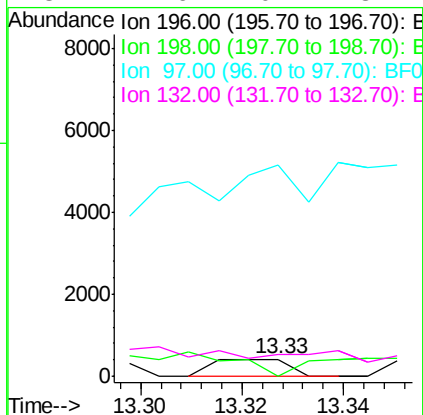
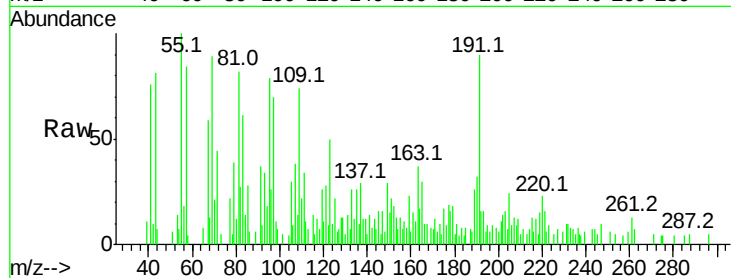




#43
 2,4,5-Trichlorophenol
 Concen: 48.14 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. 0.16 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

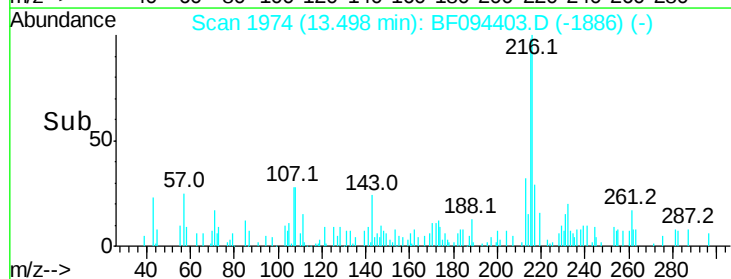
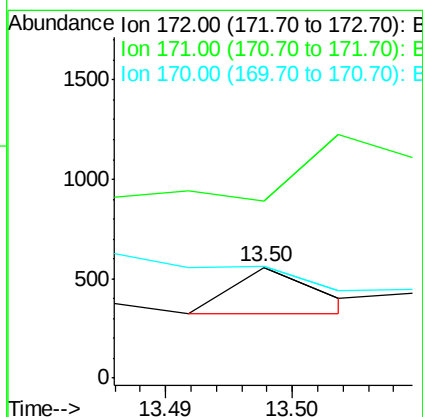
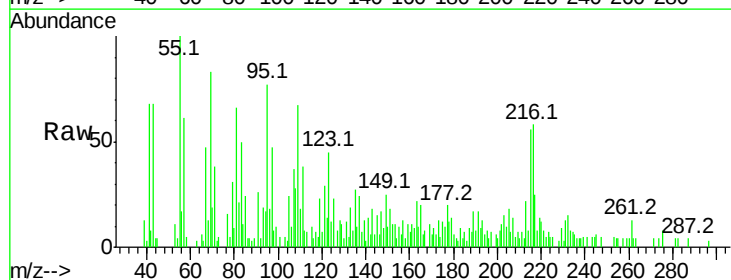
Instrument :
 BNA_F
 ClientSampleId :

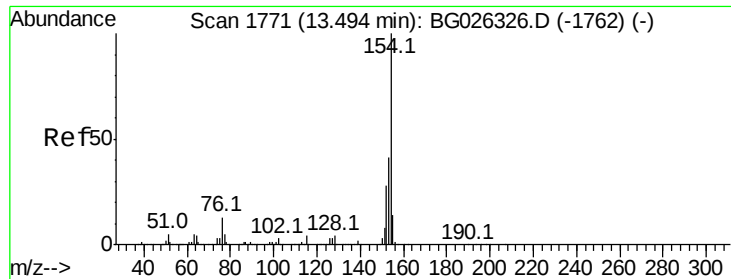
Tot Ion:196 Resp: 435
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.9 119.9#
 97 1239.0 45.4 68.0#
 132 124.6 20.7 31.1#



#44
 2-Fluorobiphenyl
 Concen: 3.78 ng
 RT: 13.50 min Scan# 1974
 Delta R.T. 0.22 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Tgt Ion:172 Resp: 112
 Ion Ratio Lower Upper
 172 100
 171 160.3 32.2 48.2#
 170 100.9 21.8 32.6#

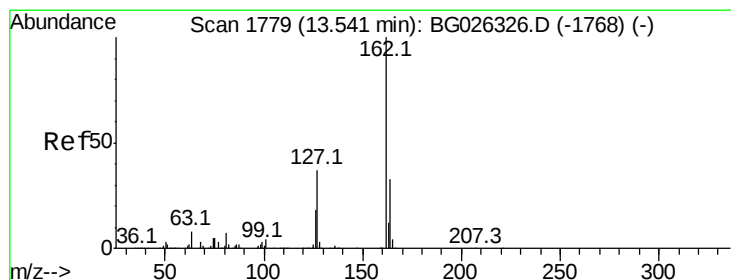
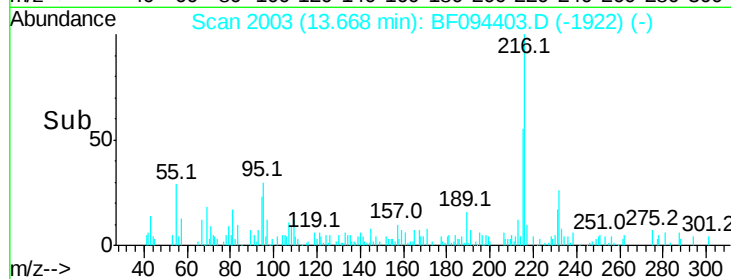
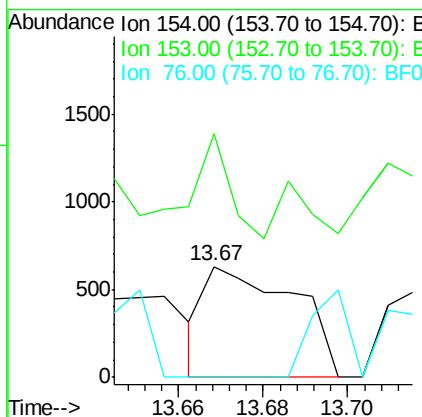
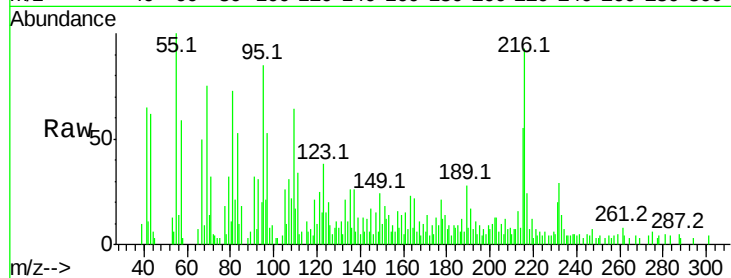




#45
 1,1'-Biphenyl
 Concen: 27.00 ng
 RT: 13.67 min Scan# 2003
 Delta R.T. 0.17 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

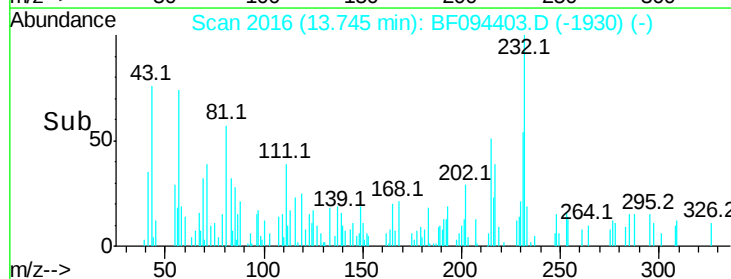
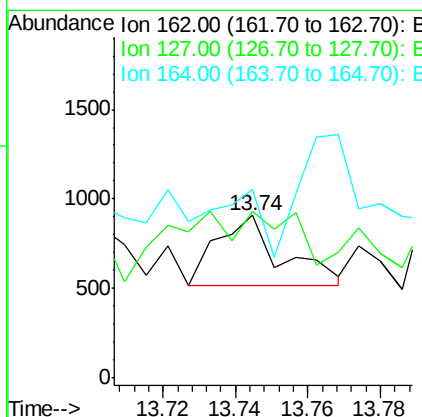
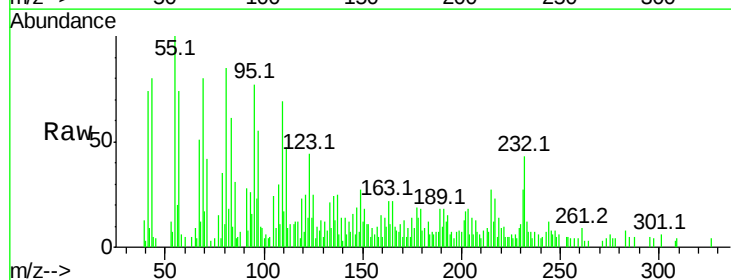
Instrument :
 BNA_F
 ClientSampled :

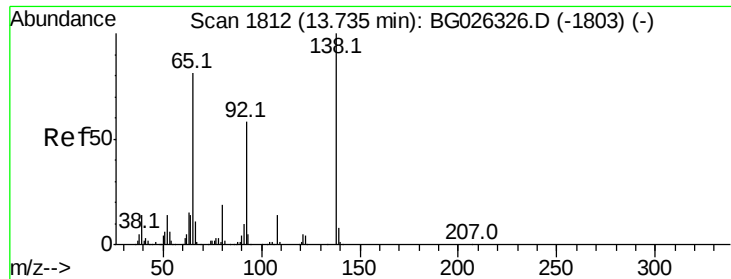
Tot Ion:154 Resp: 928
 Ion Ratio Lower Upper
 154 100
 153 219.6 23.0 63.0#
 76 0.0 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 19.48 ng
 RT: 13.74 min Scan# 2016
 Delta R.T. 0.20 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Tgt Ion:162 Resp: 489
 Ion Ratio Lower Upper
 162 100
 127 102.8 32.2 48.4#
 164 115.7 27.3 40.9#

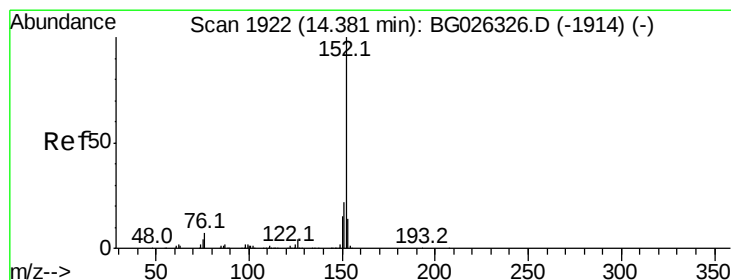
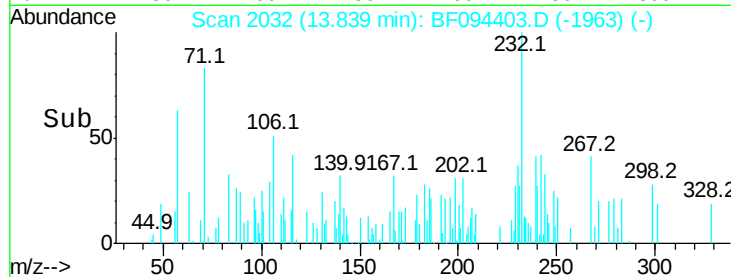
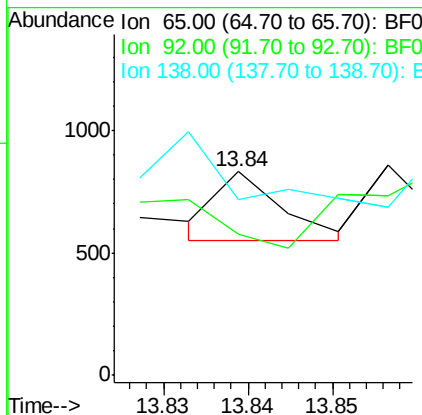
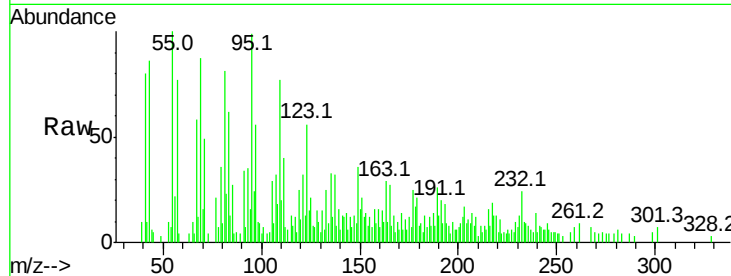




#47
2-Nitroaniline
Concen: 21.15 ng
RT: 13.84 min Scan# 2032
Delta R.T. 0.10 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

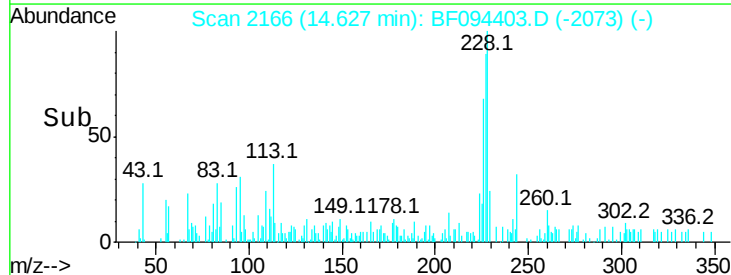
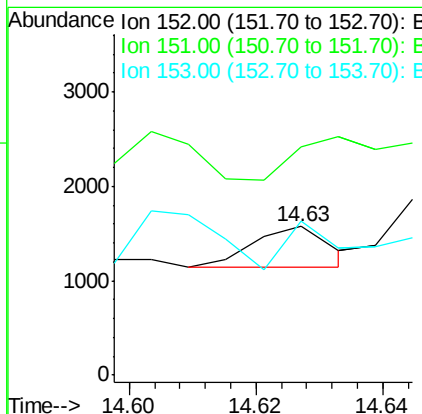
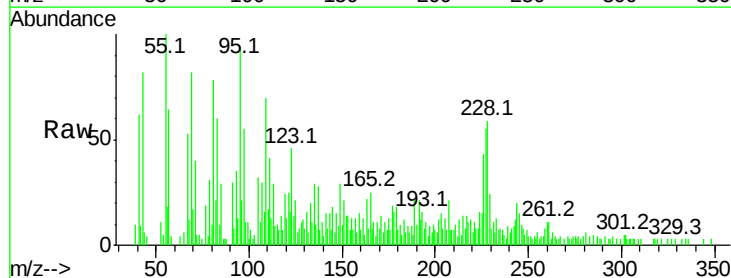
Instrument :
BNA_F
ClientSampleId :

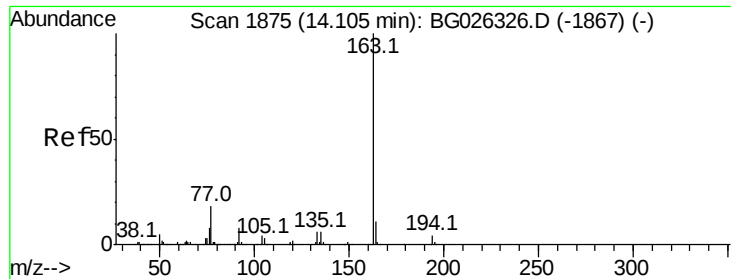
Tot Ion: 65 Resp: 151
Ion Ratio Lower Upper
65 100
92 69.6 49.0 73.4
138 86.5 58.6 87.8



#48
Acenaphthylene
Concen: 8.20 ng
RT: 14.63 min Scan# 2166
Delta R.T. 0.25 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:152 Resp: 359
Ion Ratio Lower Upper
152 100
151 153.7 18.2 27.2#
153 103.6 11.3 16.9#





#49

Dimethylphthalate

Concen: 103.53 ng

RT: 14.29 min Scan# 2109

Delta R.T. 0.19 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampled :

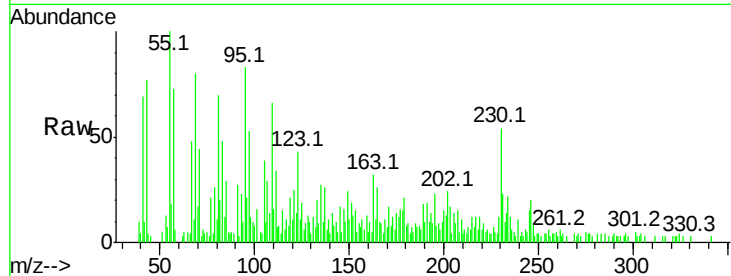
Tot Ion:163 Resp: 3243

Ion Ratio Lower Upper

163 100

194 27.0 3.8 5.6#

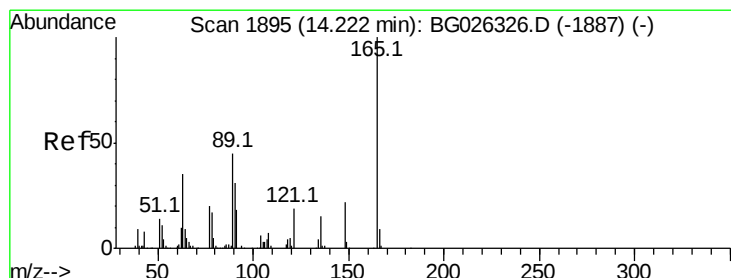
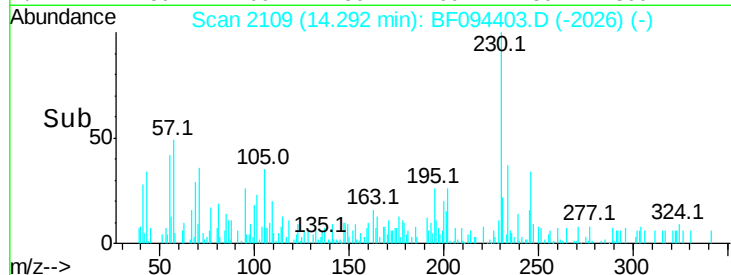
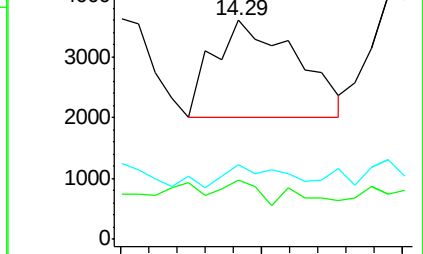
164 33.9 9.3 13.9#



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: 69.49 ng

RT: 14.41 min Scan# 2129

Delta R.T. 0.19 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

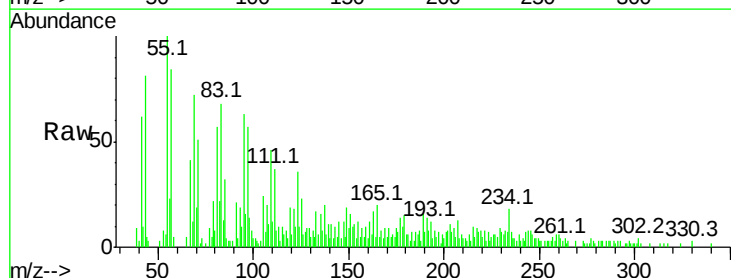
Tgt Ion:165 Resp: 508

Ion Ratio Lower Upper

165 100

63 0.0 63.9 95.9#

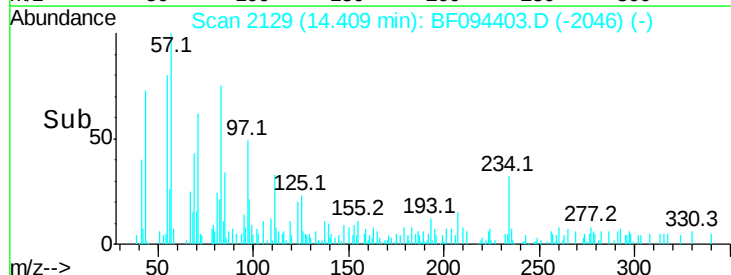
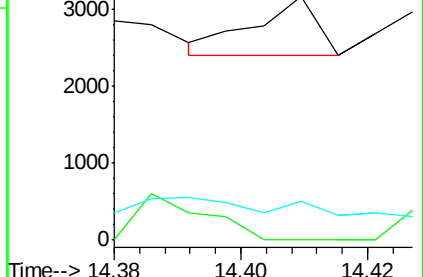
89 15.9 58.6 88.0#

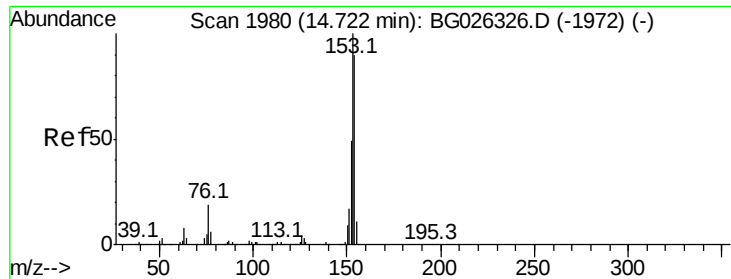


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 18.44 ng

RT: 14.93 min Scan# 2218

Delta R.T. 0.21 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampled :

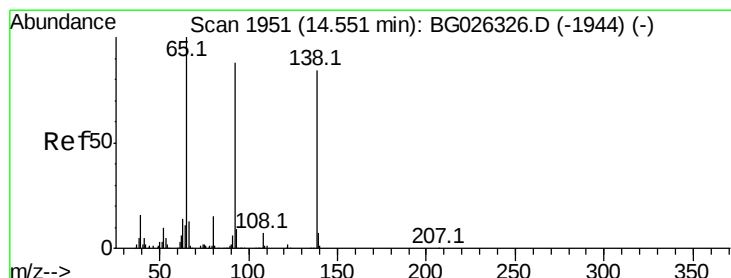
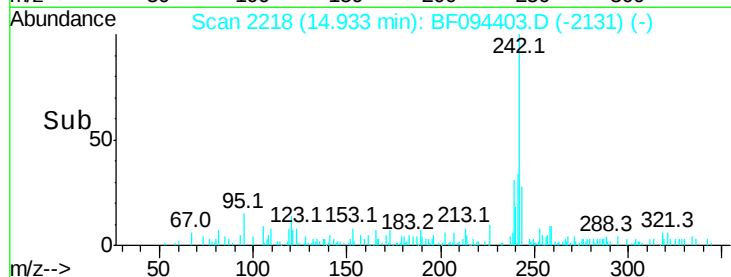
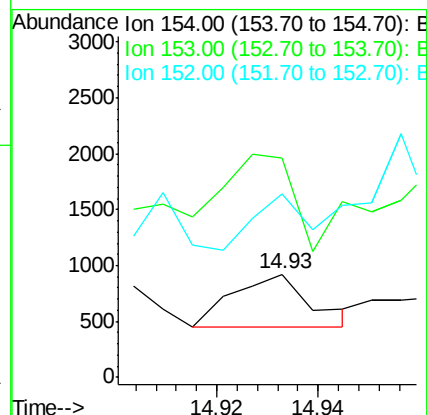
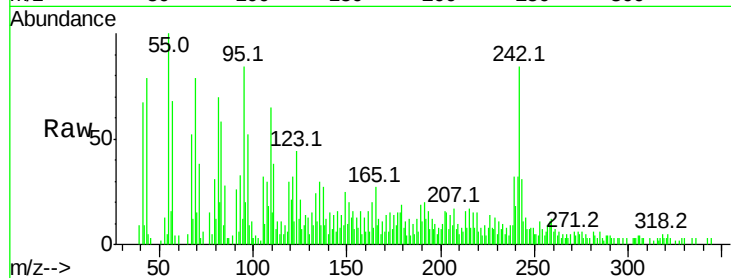
Tot Ion:154 Resp: 497

Ion Ratio Lower Upper

154 100

153 213.4 87.8 131.6#

152 178.4 42.2 63.4#



#52

3-Nitroaniline

Concen: 22.49 ng

RT: 14.77 min Scan# 2191

Delta R.T. 0.22 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

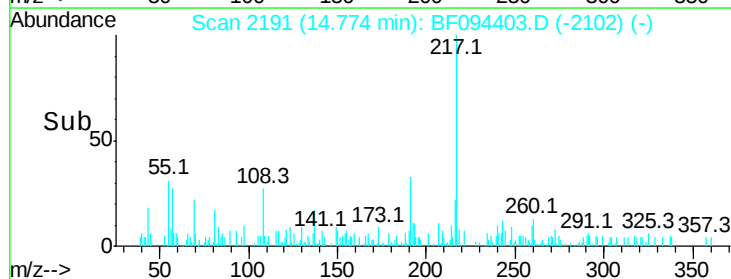
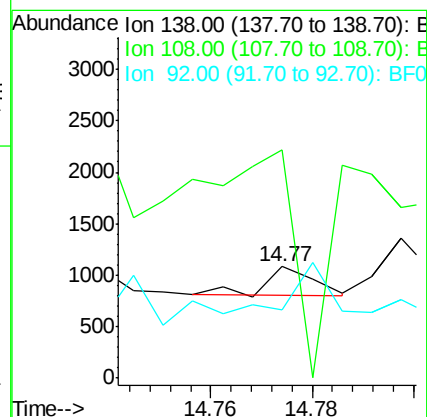
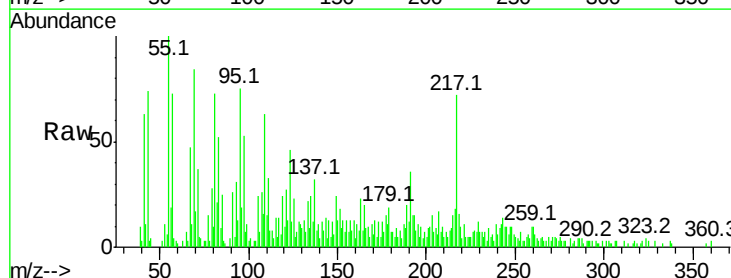
Tgt Ion:138 Resp: 181

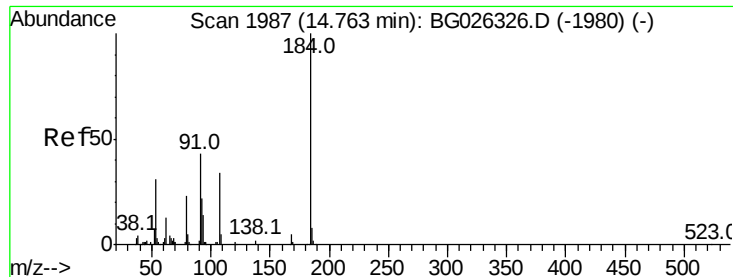
Ion Ratio Lower Upper

138 100

108 205.1 10.9 16.3#

92 61.6 115.3 172.9#





#53

2,4-Dinitrophenol

Concen: 61.31 ng

RT: 14.97 min Scan# 2225

Delta R.T. 0.21 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

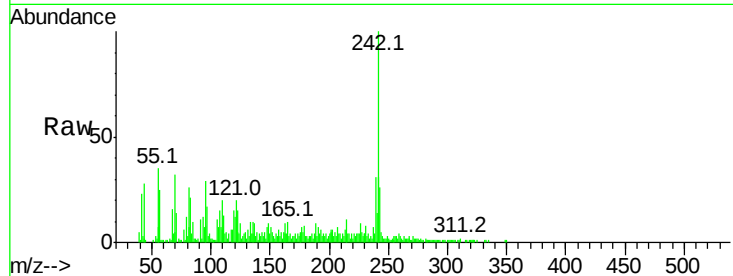
Tot Ion:184 Resp: 260

Ion Ratio Lower Upper

184 100

63 50.5 52.7 79.1#

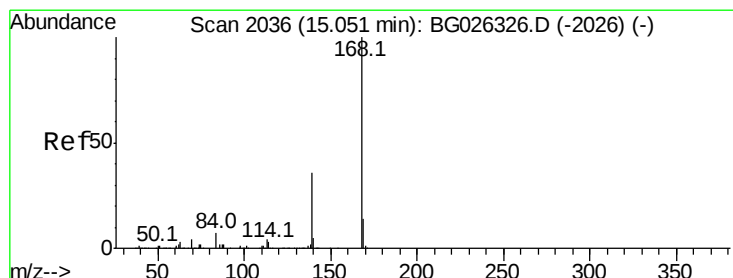
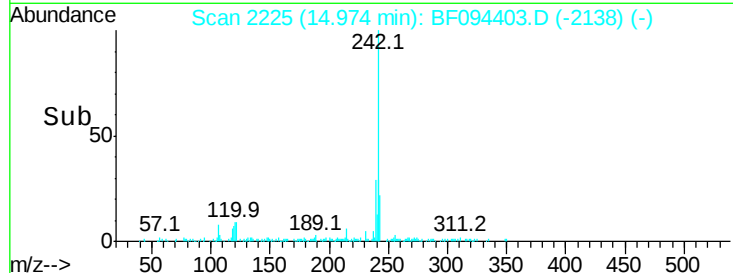
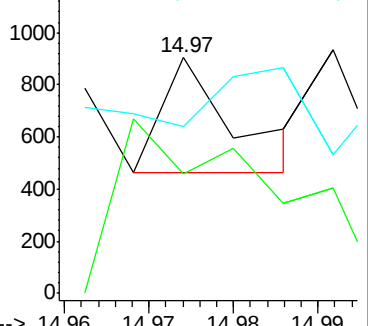
154 70.9 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 13.57 ng

RT: 15.24 min Scan# 2271

Delta R.T. 0.19 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

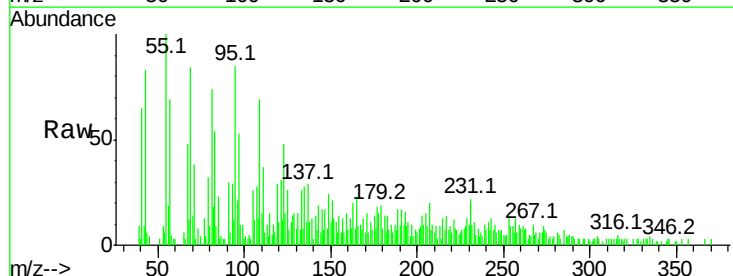
Tgt Ion:168 Resp: 515

Ion Ratio Lower Upper

168 100

139 181.1 35.3 52.9#

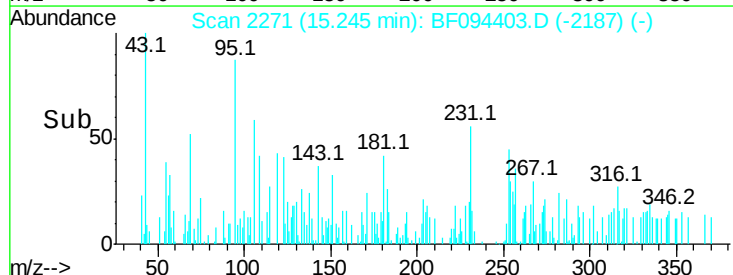
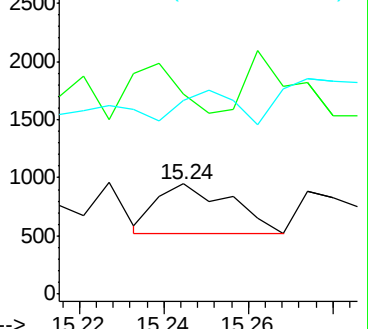
169 175.5 11.5 17.3#

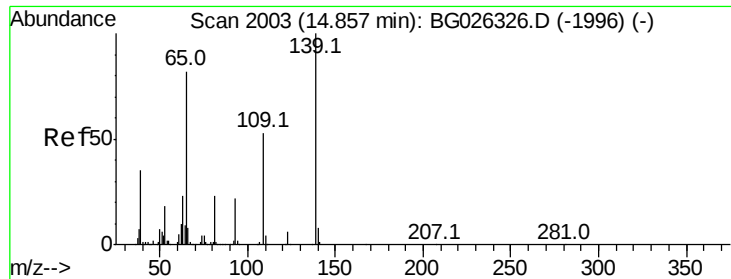


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

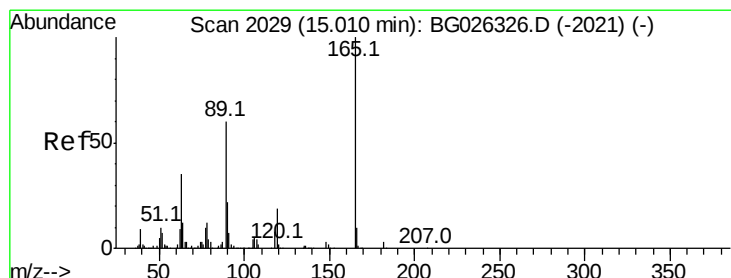
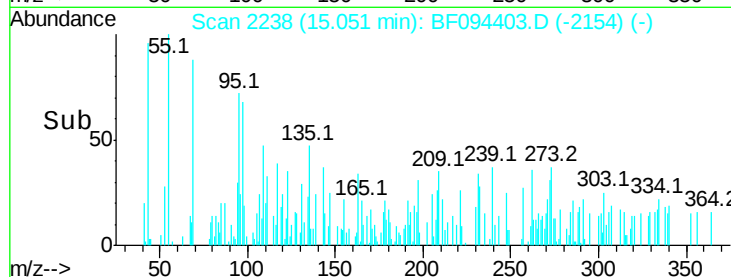
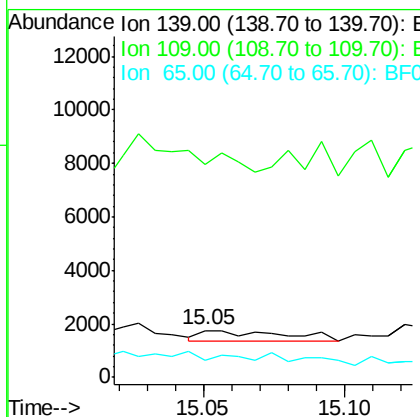
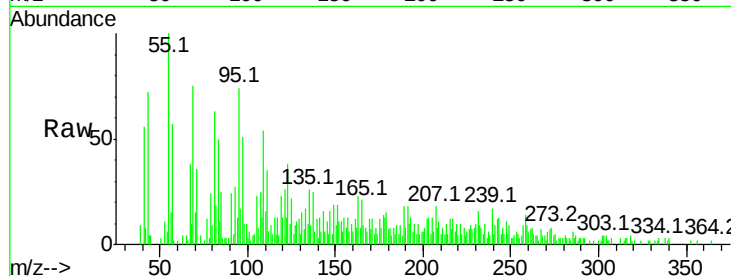




#55
4-Nitrophenol
Concen: 119.70 ng
RT: 15.05 min Scan# 2238
Delta R.T. 0.19 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

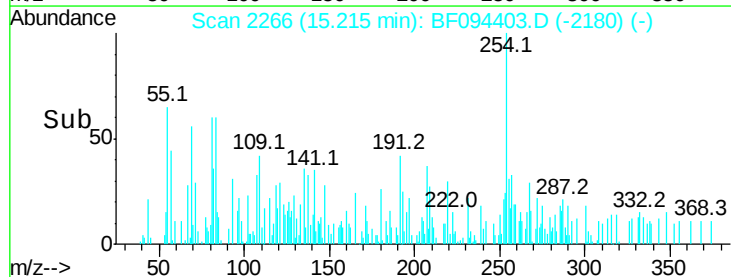
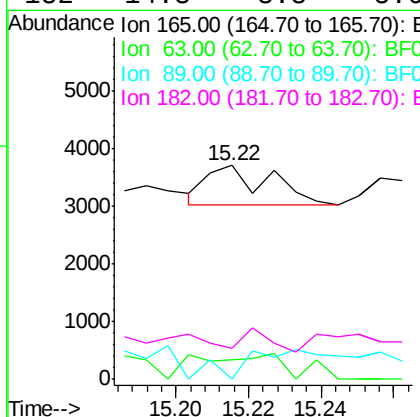
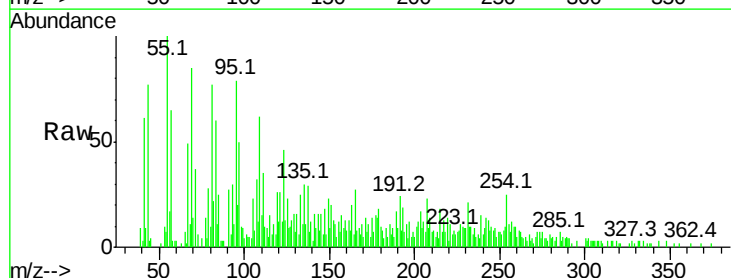
Instrument :
BNA_F
ClientSampleId :

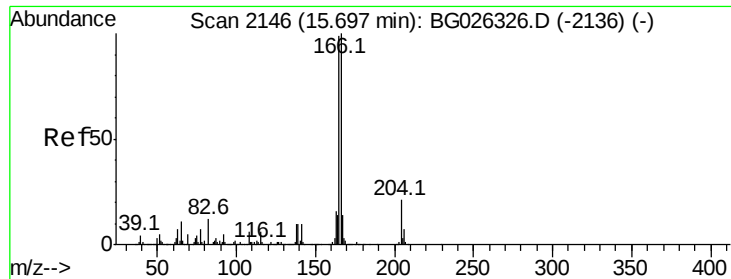
Tot Ion:139 Resp: 789
Ion Ratio Lower Upper
139 100
109 453.1 101.2 141.2#
65 35.8 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 81.79 ng
RT: 15.22 min Scan# 2266
Delta R.T. 0.21 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:165 Resp: 841
Ion Ratio Lower Upper
165 100
63 8.8 44.0 66.0#
89 0.0 67.3 100.9#
182 14.3 3.8 5.6#

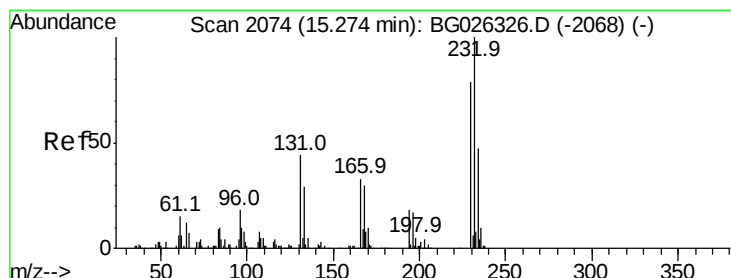
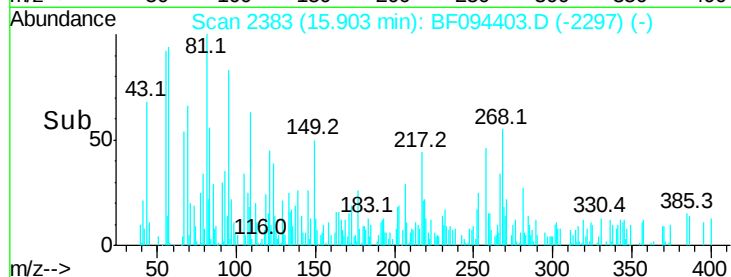
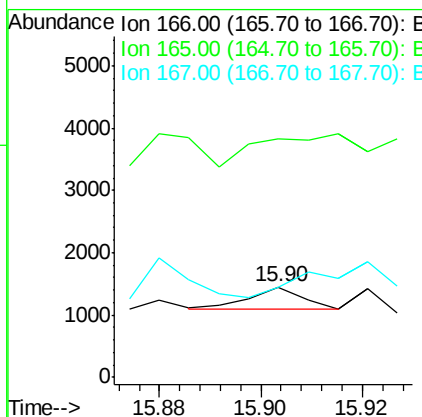
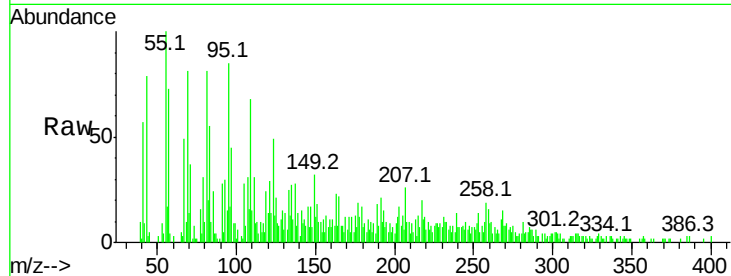




#57
Fluorene
Concen: 7.94 ng
RT: 15.90 min Scan# 2383
Delta R.T. 0.21 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

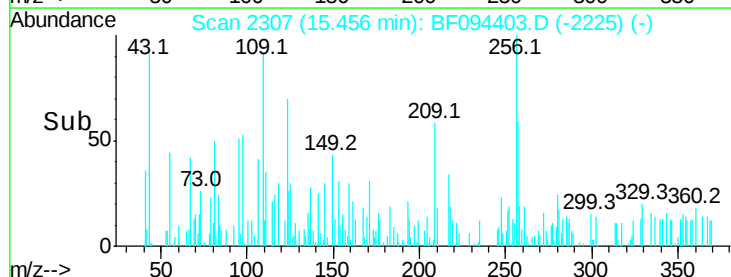
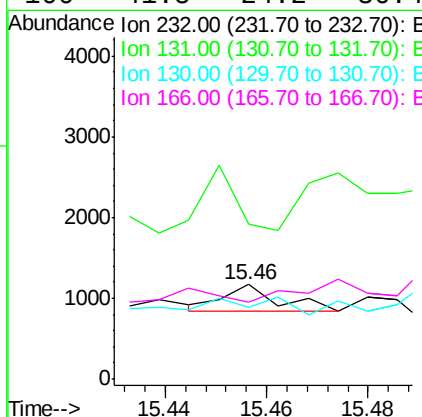
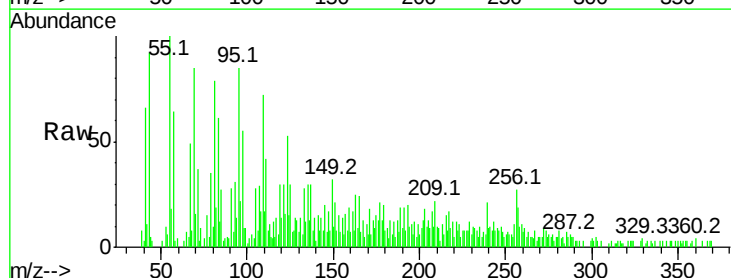
Instrument :
BNA_F
ClientSampled :

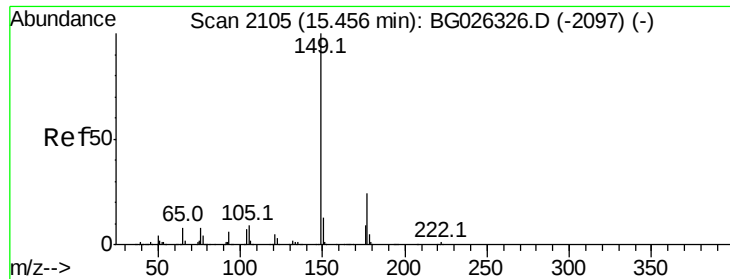
Tot Ion:166 Resp: 268
Ion Ratio Lower Upper
166 100
165 263.9 78.6 117.8#
167 99.4 11.6 17.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.10 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.18 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:232 Resp: 253
Ion Ratio Lower Upper
232 100
131 158.5 34.9 52.3#
130 102.4 2.3 3.5#
166 41.5 24.2 36.4#

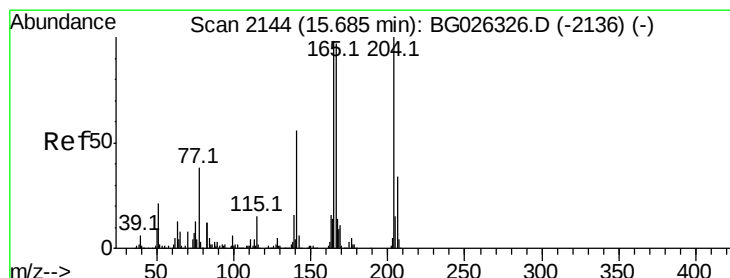
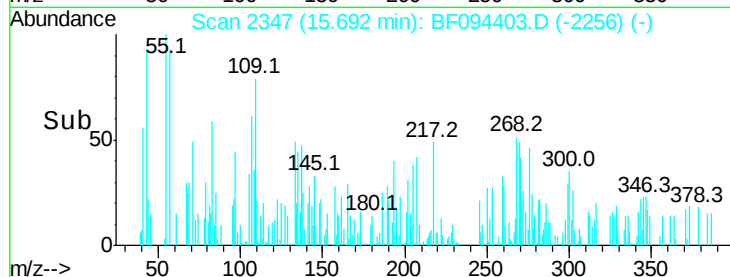
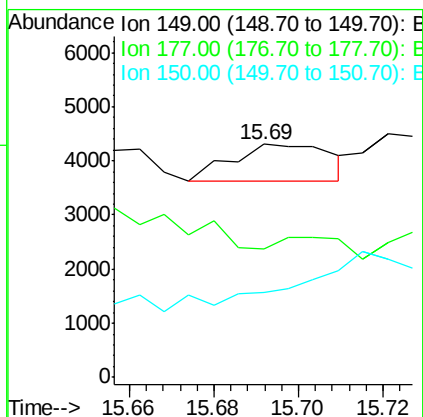
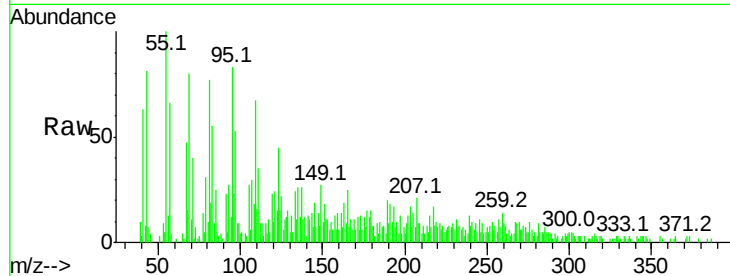




#59
Diethylphthalate
Concen: 35.51 ng
RT: 15.69 min Scan# 2347
Delta R.T. 0.24 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

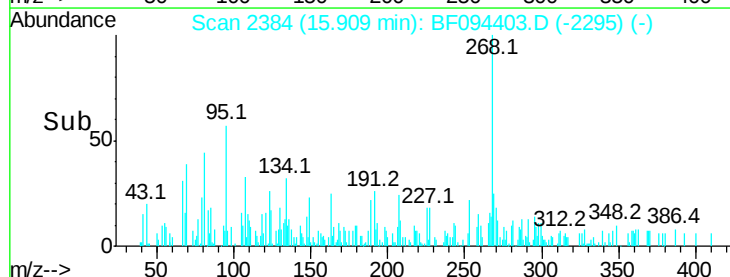
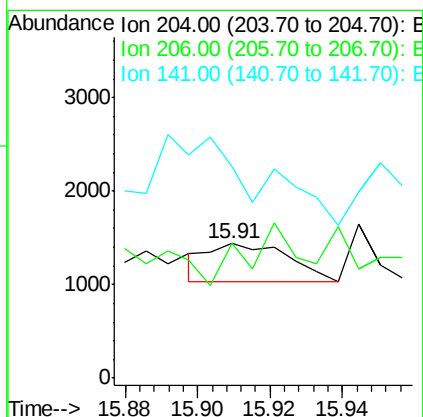
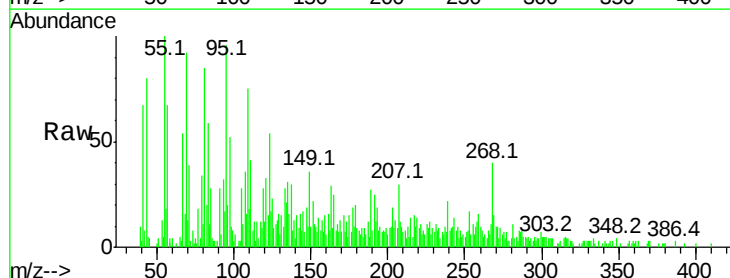
Instrument :
BNA_F
ClientSampled :

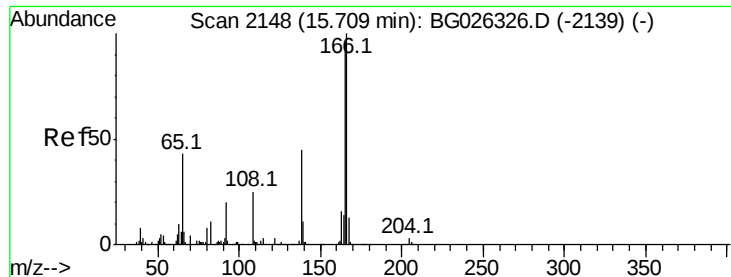
Tot Ion:149 Resp: 1137
Ion Ratio Lower Upper
149 100
177 55.3 20.1 30.1#
150 36.3 10.2 15.2#



#60
4-Chlorophenyl-phenylether
Concen: 38.50 ng
RT: 15.91 min Scan# 2384
Delta R.T. 0.22 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:204 Resp: 616
Ion Ratio Lower Upper
204 100
206 100.8 30.1 45.1#
141 158.1 50.6 76.0#





#61

4-Nitroaniline

Concen: 99.71 ng

RT: 15.94 min Scan# 2389

Delta R.T. 0.23 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampled :

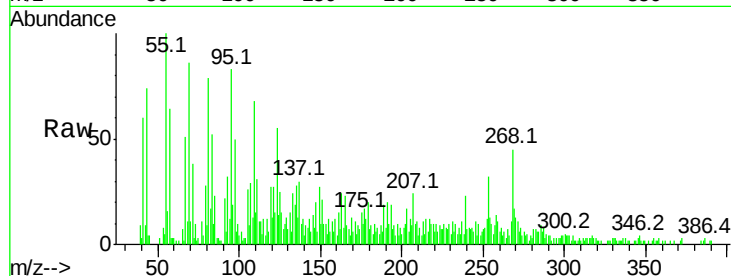
Tot Ion:138 Resp: 849

Ion Ratio Lower Upper

138 100

92 65.7 44.2 84.2

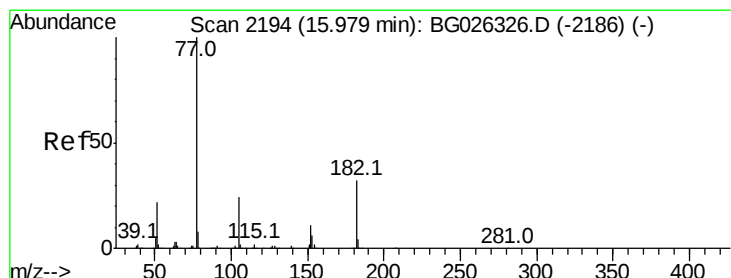
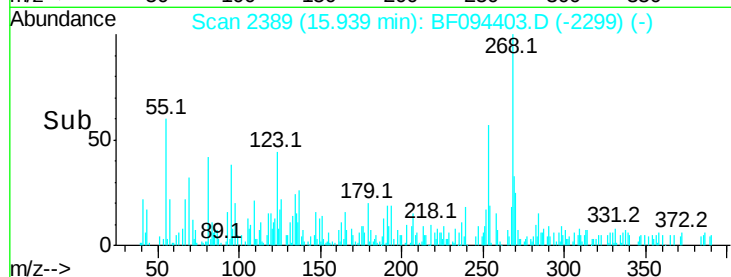
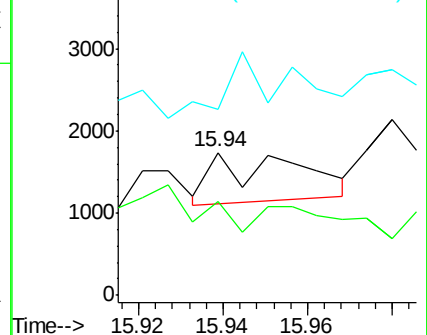
108 130.5 104.8 144.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.11 ng

RT: 16.22 min Scan# 2436

Delta R.T. 0.24 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Tgt Ion: 77 Resp: 940

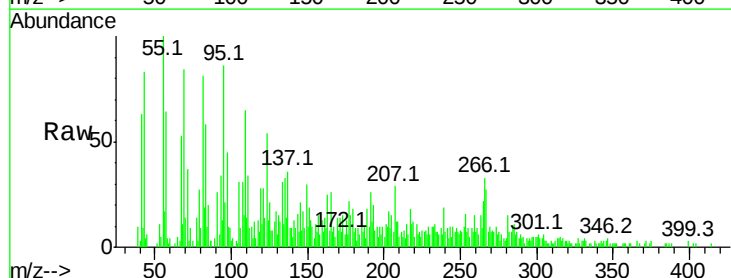
Ion Ratio Lower Upper

77 100

182 25.2 4.7 44.7

105 221.0 0.0 36.3#

51 15.4 16.4 56.4#

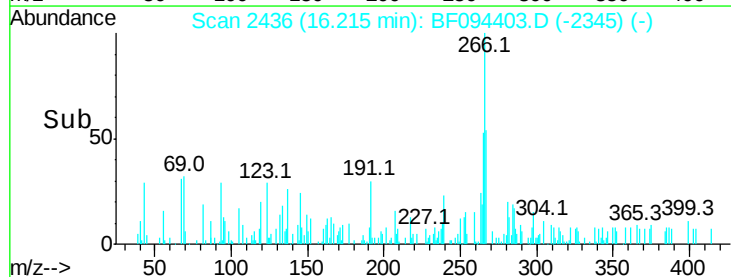
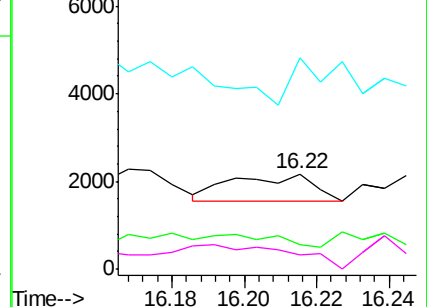


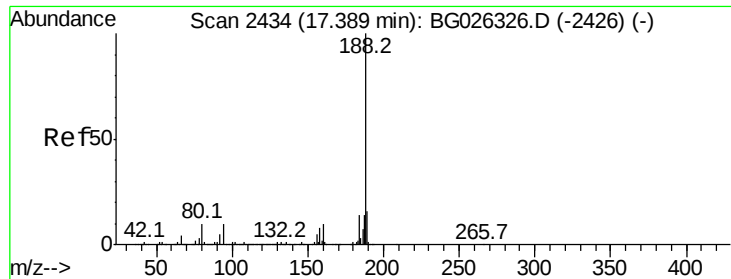
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.66 min Scan# 2682

Delta R.T. 0.27 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

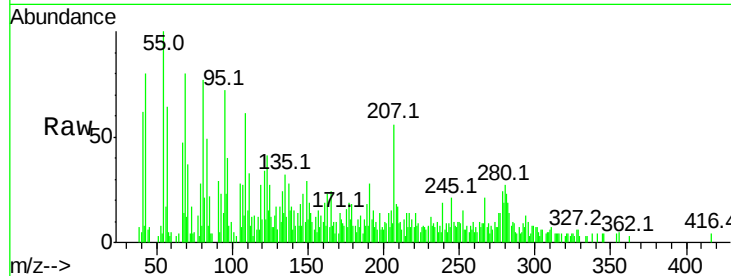
Tot Ion:188 Resp: 355

Ion Ratio Lower Upper

188 100

94 176.9 5.8 8.8#

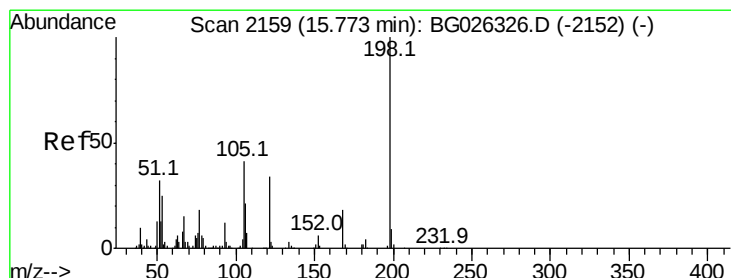
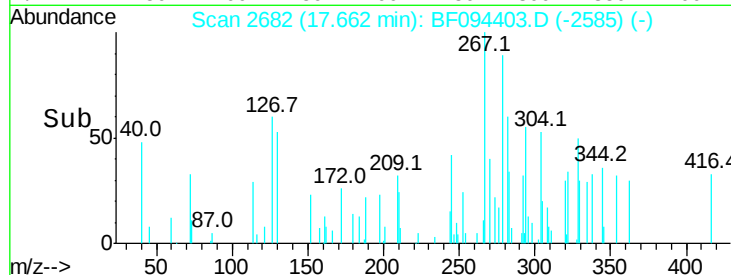
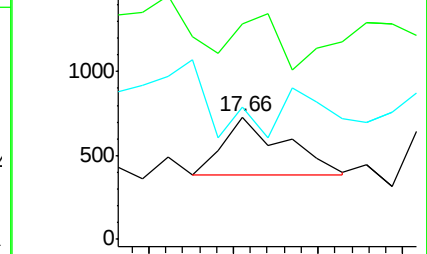
80 108.7 7.5 11.3#



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: 804.68 ng

RT: 16.01 min Scan# 2401

Delta R.T. 0.24 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

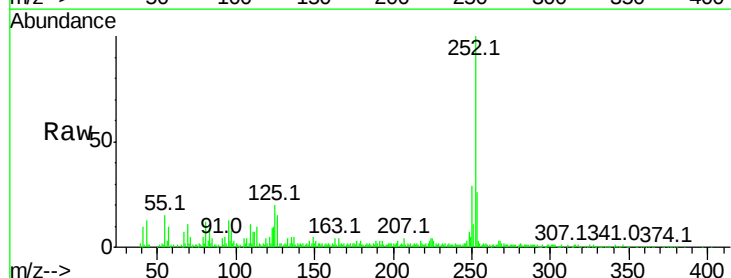
Tgt Ion:198 Resp: 1801

Ion Ratio Lower Upper

198 100

51 33.4 22.6 62.6

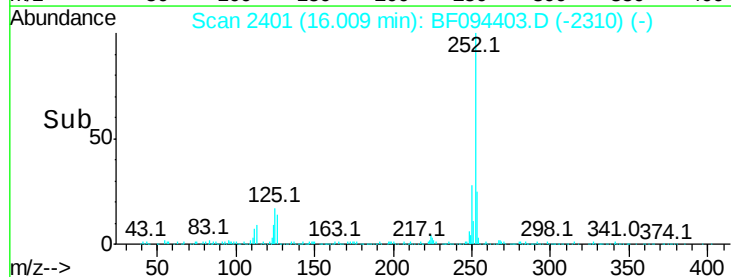
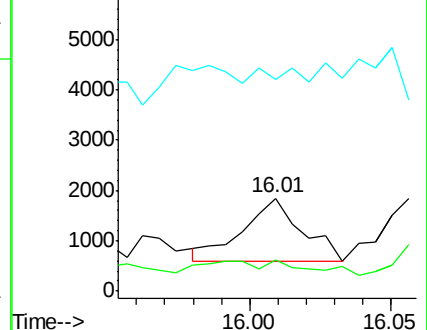
105 227.4 14.4 54.4#

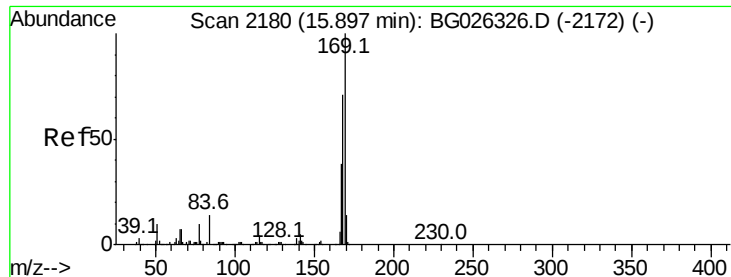


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

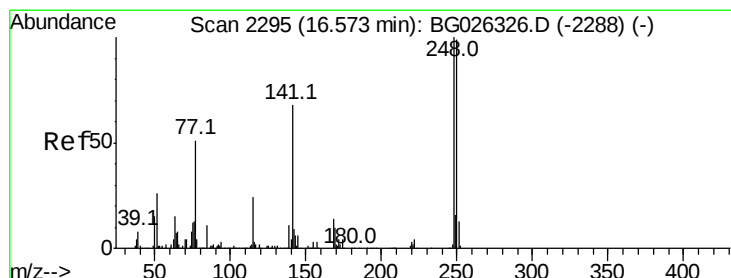
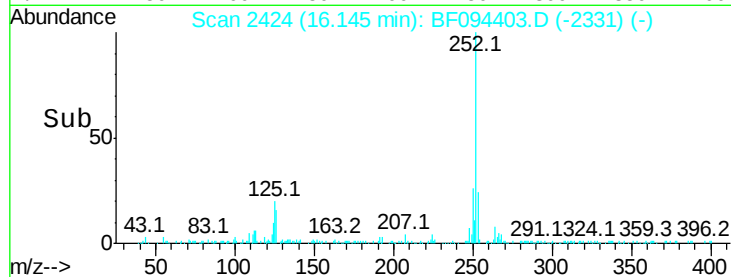
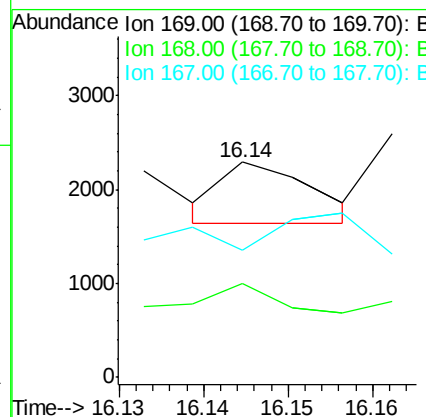
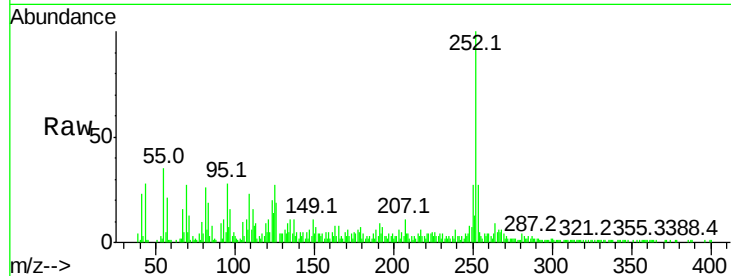




#65
 n-Nitrosodiphenylamine
 Concen: 45.59 ng
 RT: 16.14 min Scan# 2424
 Delta R.T. 0.25 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

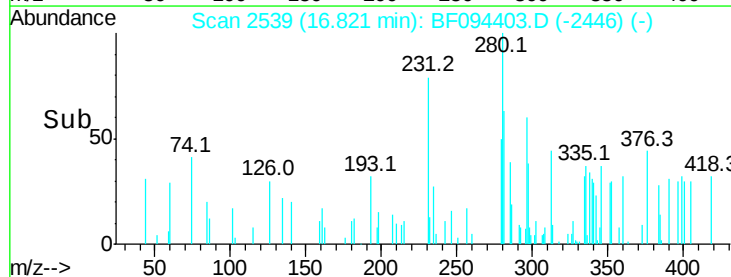
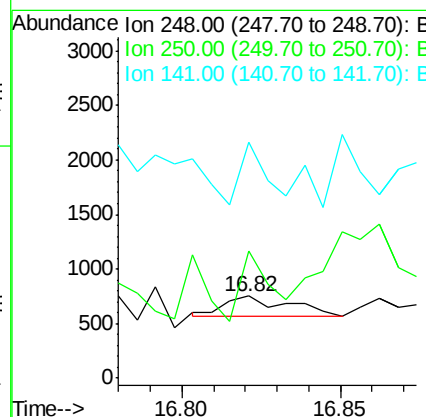
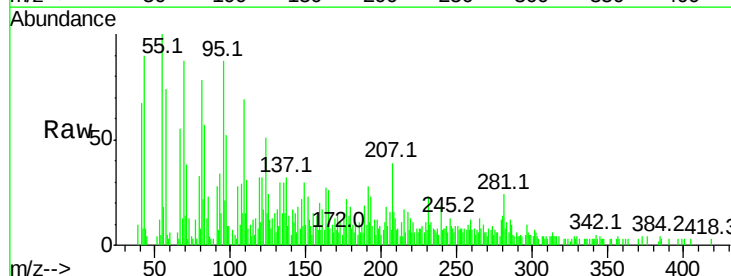
Instrument :
 BNA_F
 ClientSampleId :

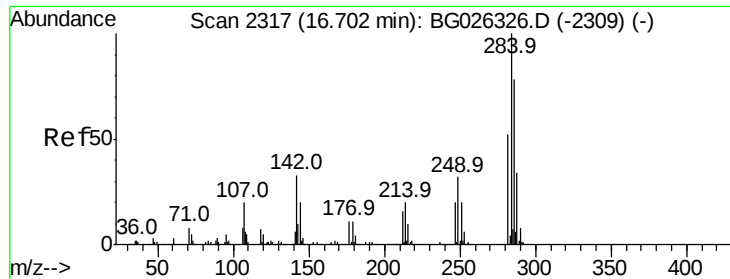
Tot Ion:169 Resp: 475
 Ion Ratio Lower Upper
 169 100
 168 43.8 55.7 83.5#
 167 59.4 29.8 44.6#



#66
 4-Bromophenyl-phenylether
 Concen: 70.61 ng
 RT: 16.82 min Scan# 2539
 Delta R.T. 0.25 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Tgt Ion:248 Resp: 258
 Ion Ratio Lower Upper
 248 100
 250 155.0 75.0 112.6#
 141 288.1 55.2 82.8#

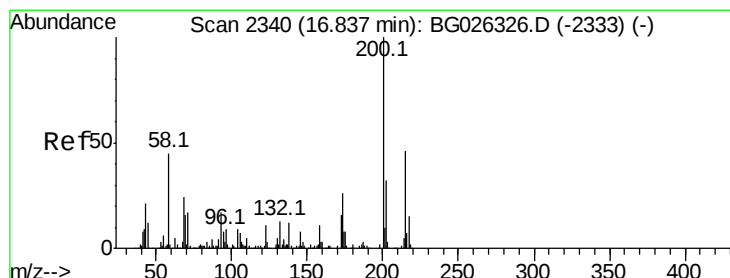
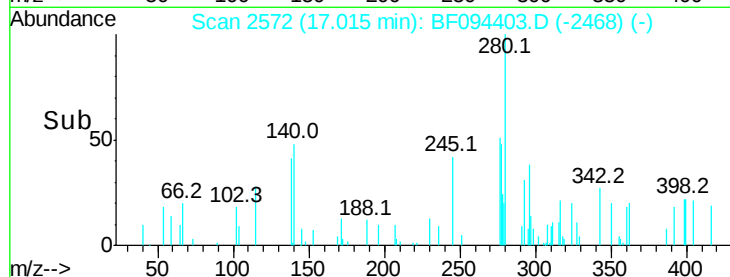
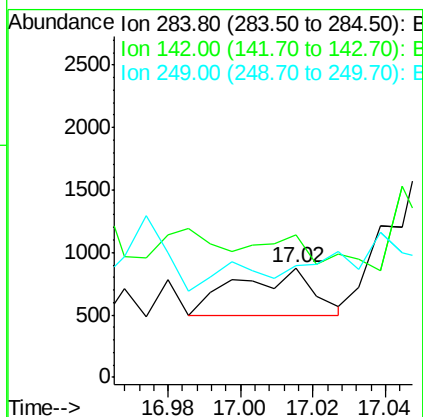
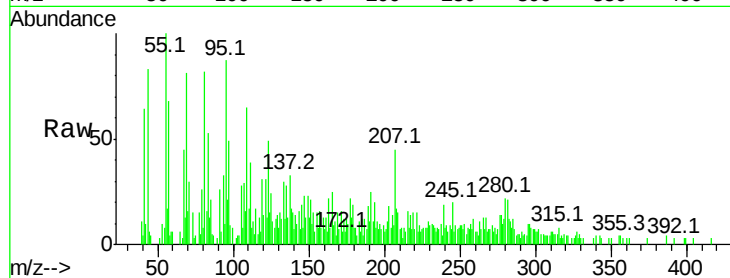




#67
Hexachlorobenzene
Concen: 141.62 ng
RT: 17.02 min Scan# 2572
Delta R.T. 0.31 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

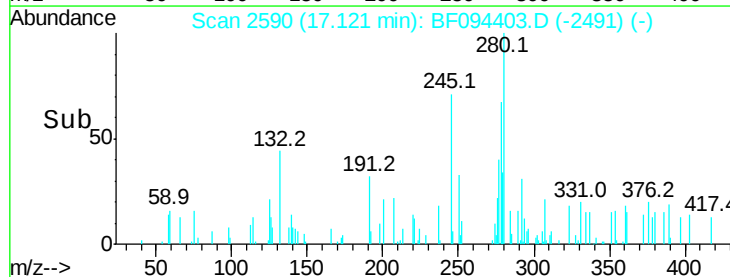
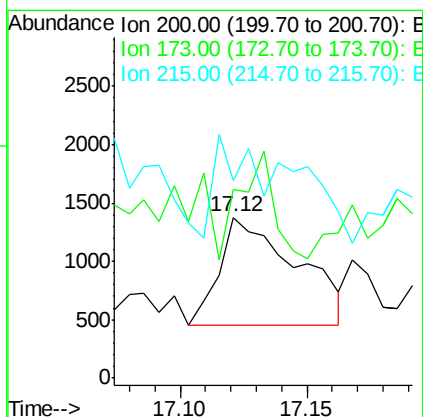
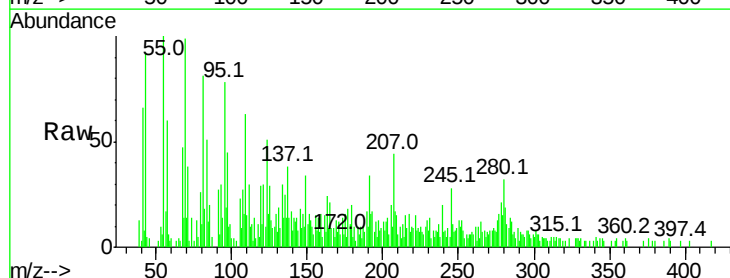
Instrument :
BNA_F
ClientSampleId :

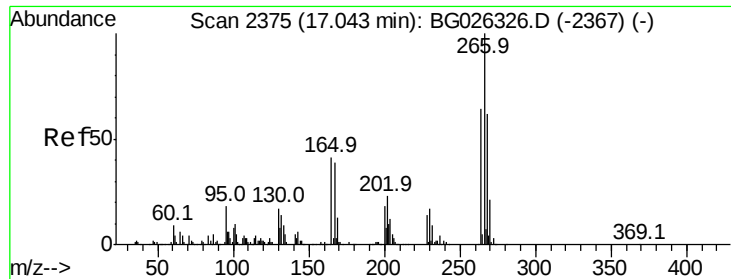
Tot Ion:284 Resp: 552
Ion Ratio Lower Upper
284 100
142 129.5 29.9 44.9#
249 101.6 29.2 43.8#



#68
Atrazine
Concen: 497.44 ng
RT: 17.12 min Scan# 2590
Delta R.T. 0.28 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:200 Resp: 1962
Ion Ratio Lower Upper
200 100
173 117.4 3.0 43.0#
215 122.9 28.4 68.4#

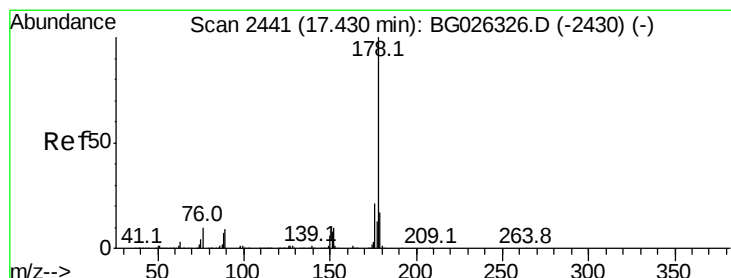
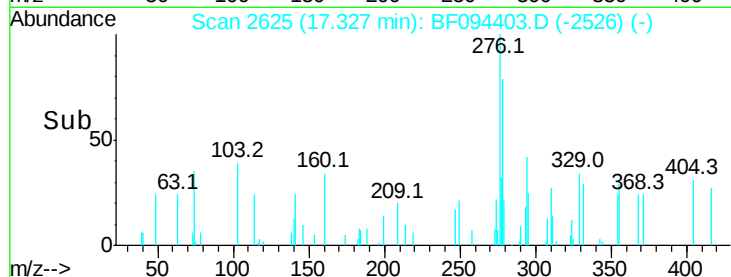
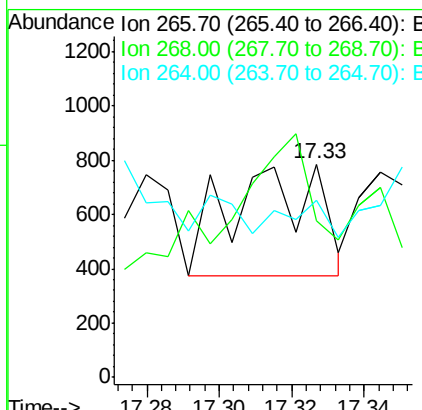
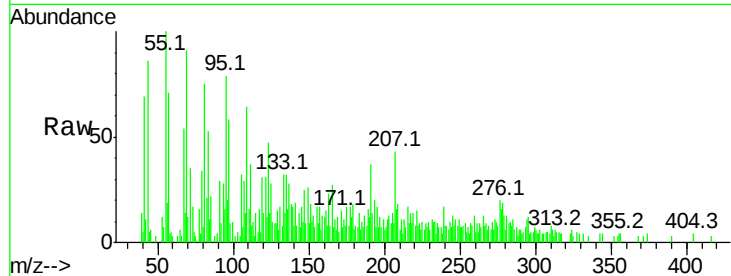




#69
 Pentachlorophenol
 Concen: 266.36 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. 0.28 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

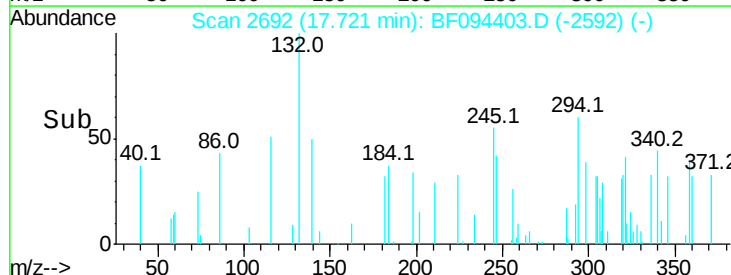
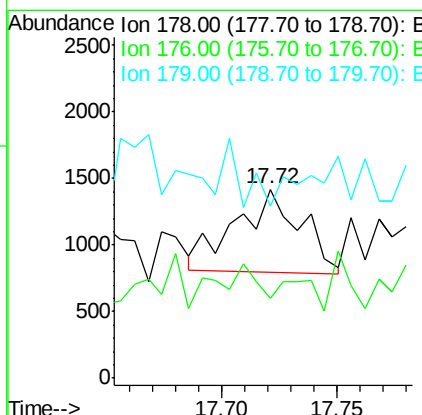
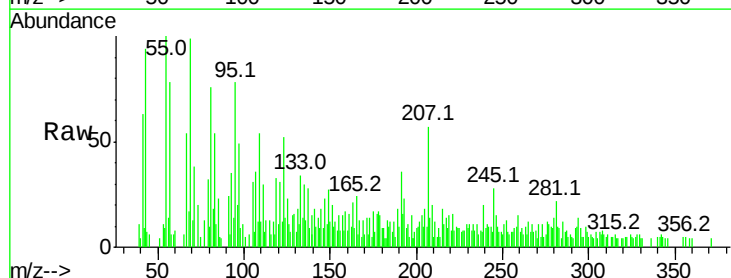
Instrument :
 BNA_F
 ClientSampled :

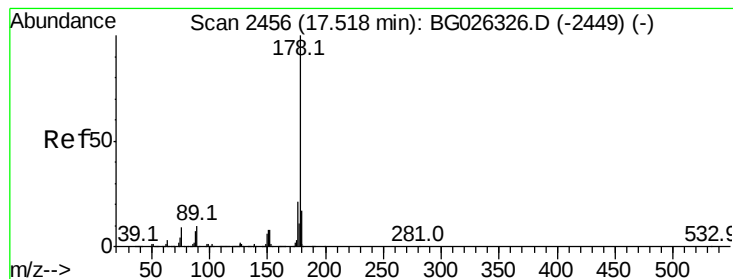
Tot Ion	Ratio	Lower	Upper
266	100		
268	73.5	48.6	72.8#
264	83.3	50.1	75.1#



#70
 Phenanthrene
 Concen: 64.57 ng
 RT: 17.72 min Scan# 2692
 Delta R.T. 0.29 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	42.5	17.7	26.5#
179	91.2	15.0	22.6#





#71

Anthracene

Concen: 15.84 ng

RT: 17.80 min Scan# 2705

Delta R.T. 0.28 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

Instrument :

BNA_F

ClientSampleId :

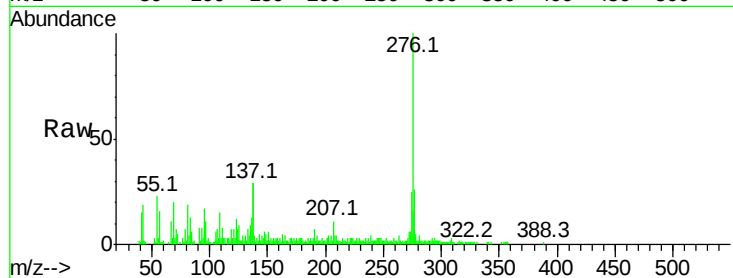
Tot Ion:178 Resp: 308

Ion Ratio Lower Upper

178 100

176 49.4 16.4 24.6#

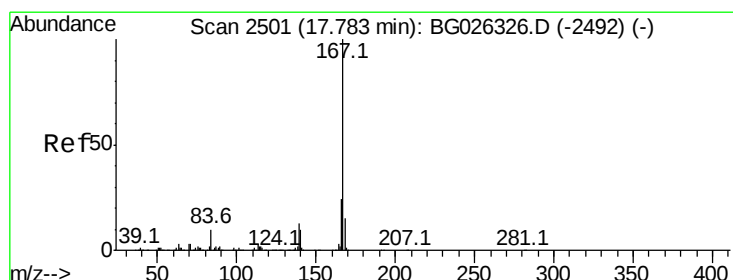
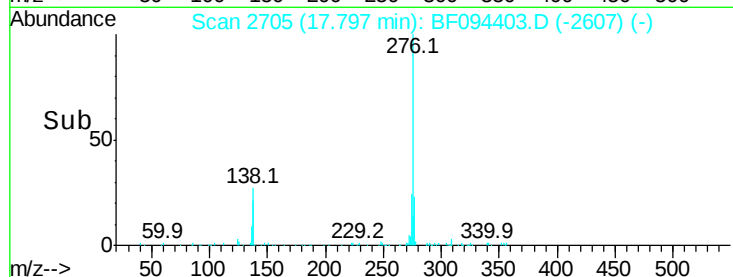
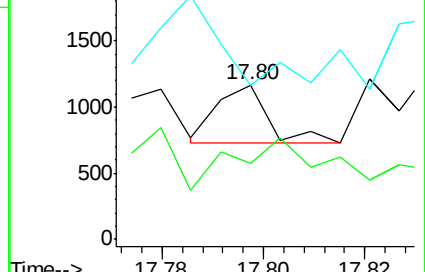
179 99.7 13.8 20.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 20.52 ng

RT: 18.06 min Scan# 2749

Delta R.T. 0.27 min

Lab File: BF094403.D

Acq: 13 Apr 2017 21:07

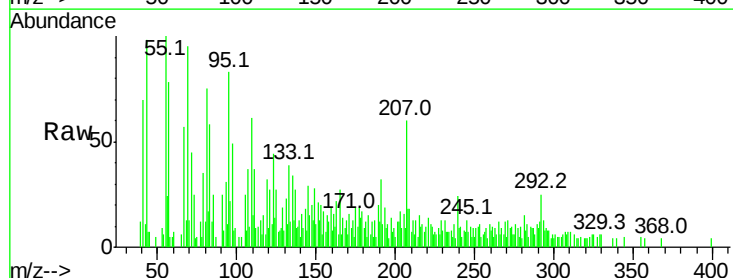
Tgt Ion:167 Resp: 411

Ion Ratio Lower Upper

167 100

166 43.2 20.2 30.2#

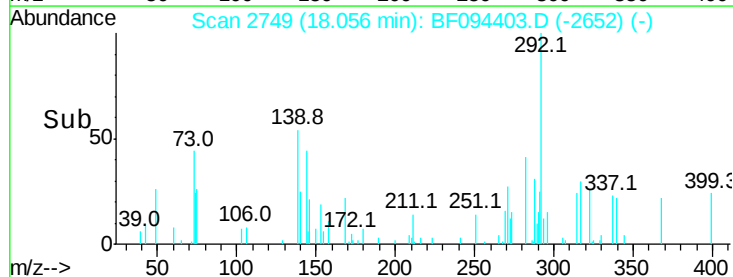
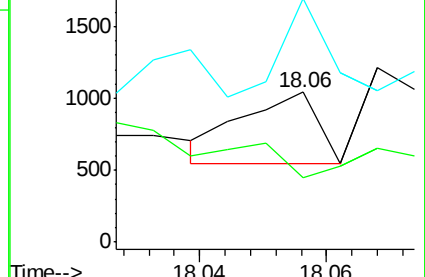
139 162.7 12.8 19.2#

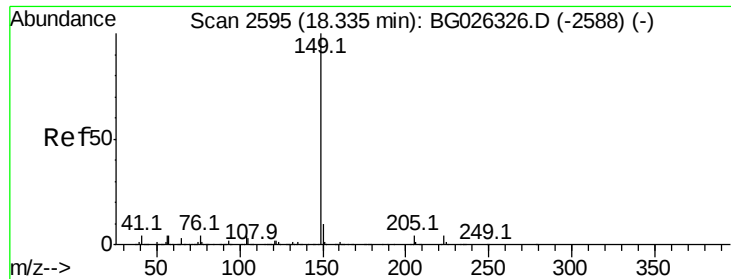


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

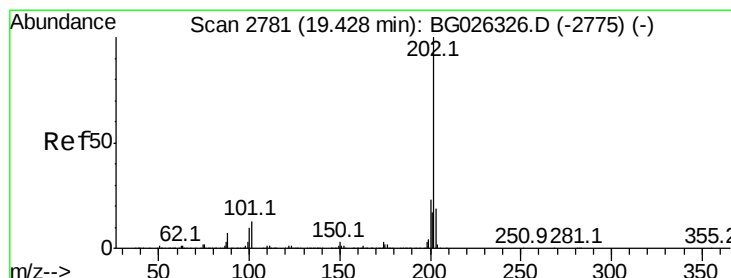
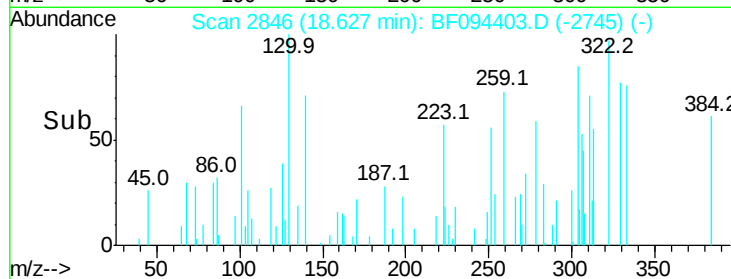
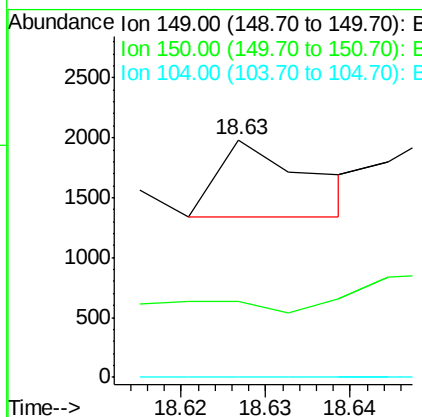
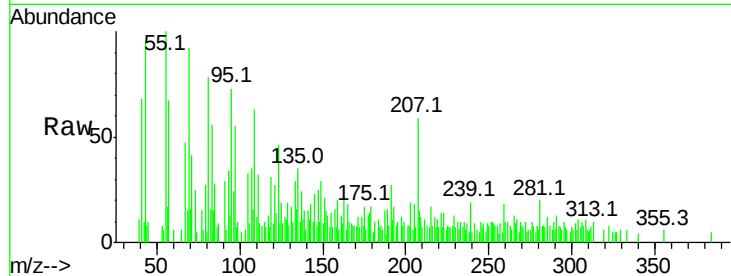




#73
Di-n-butylphthalate
Concen: 23.38 ng
RT: 18.63 min Scan# 2846
Delta R.T. 0.29 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

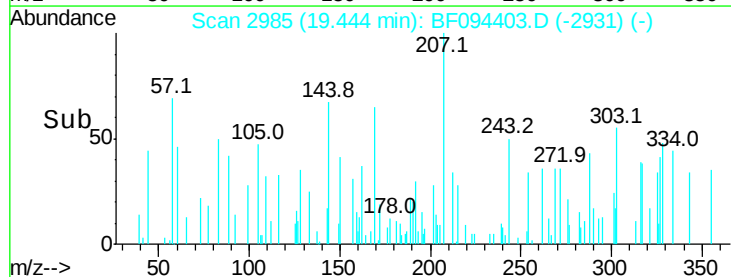
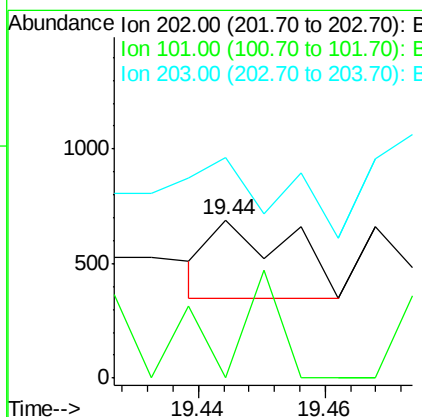
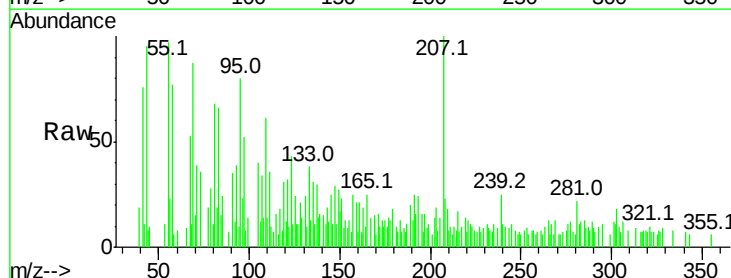
Instrument :
BNA_F
ClientSampled :

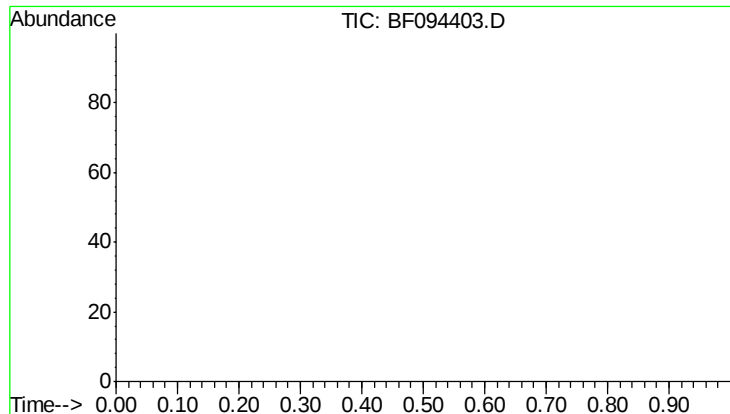
Tot Ion:149 Resp: 481
Ion Ratio Lower Upper
149 100
150 32.0 9.1 13.7#
104 0.0 6.7 10.1#



#74
Fluoranthene
Concen: 13.07 ng
RT: 19.44 min Scan# 2985
Delta R.T. 0.02 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Tgt Ion:202 Resp: 293
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.1
203 139.8 1.3 41.3#

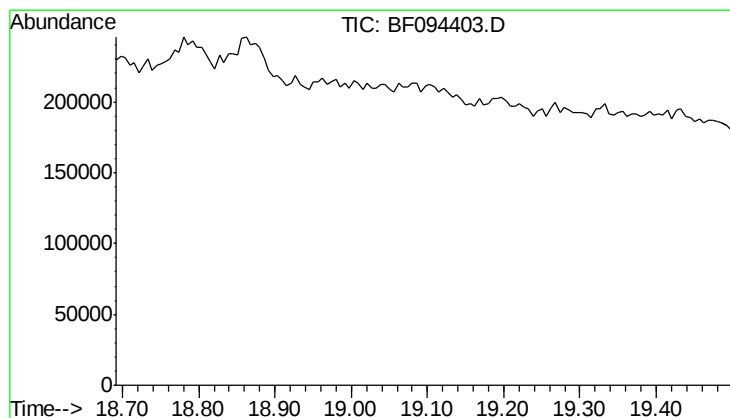
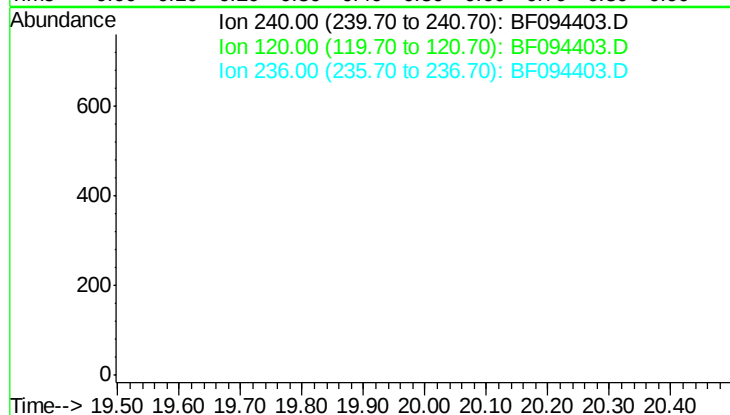




#75
 Chrvsene-d12
 Concen: 0.00 ng
 Expected RT: 21.64 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

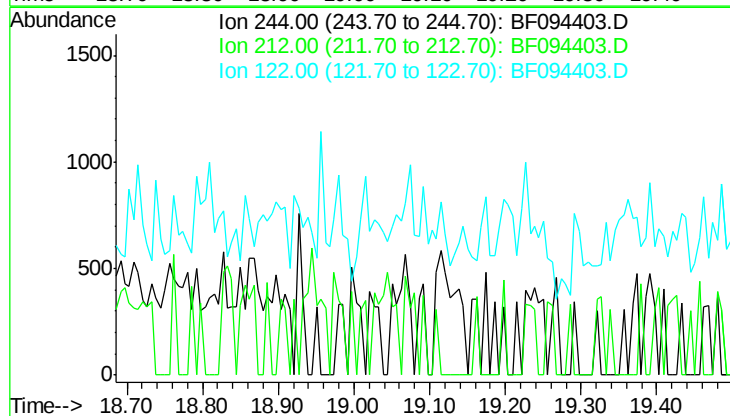
Instrument :
 BNA_F
 ClientSampleId :

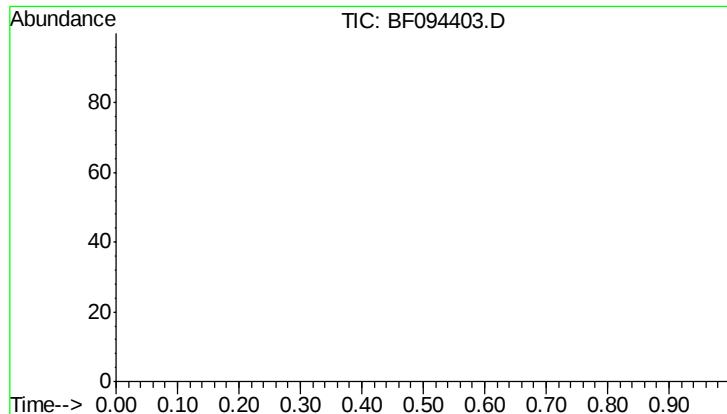
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 7.1
 236 27.8



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 19.99 min
 Lab File: BF094403.D
 Acq: 13 Apr 2017 21:07

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





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 24.82 min
Lab File: BF094403.D
Acq: 13 Apr 2017 21:07

Instrument :
BNA_F
ClientSampleId :

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

