

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094401.D
 Acq On : 13 Apr 2017 20:12
 Operator : SJ/MA
 Sample : I2663-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:49:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.05
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.85
38) Acenaphthene-d10	14.69	164	118	20.00	ng	0.03
63) Phenanthrene-d10	17.44	188	232	20.00	ng	0.05
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	322	0.00	ng	0.17
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.42	82	28691	0.00	ng	0.22
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.22	172	3430	407.64	ng	-0.06
78) Terphenyl-d14	0.00	244	0	0.00	ng	

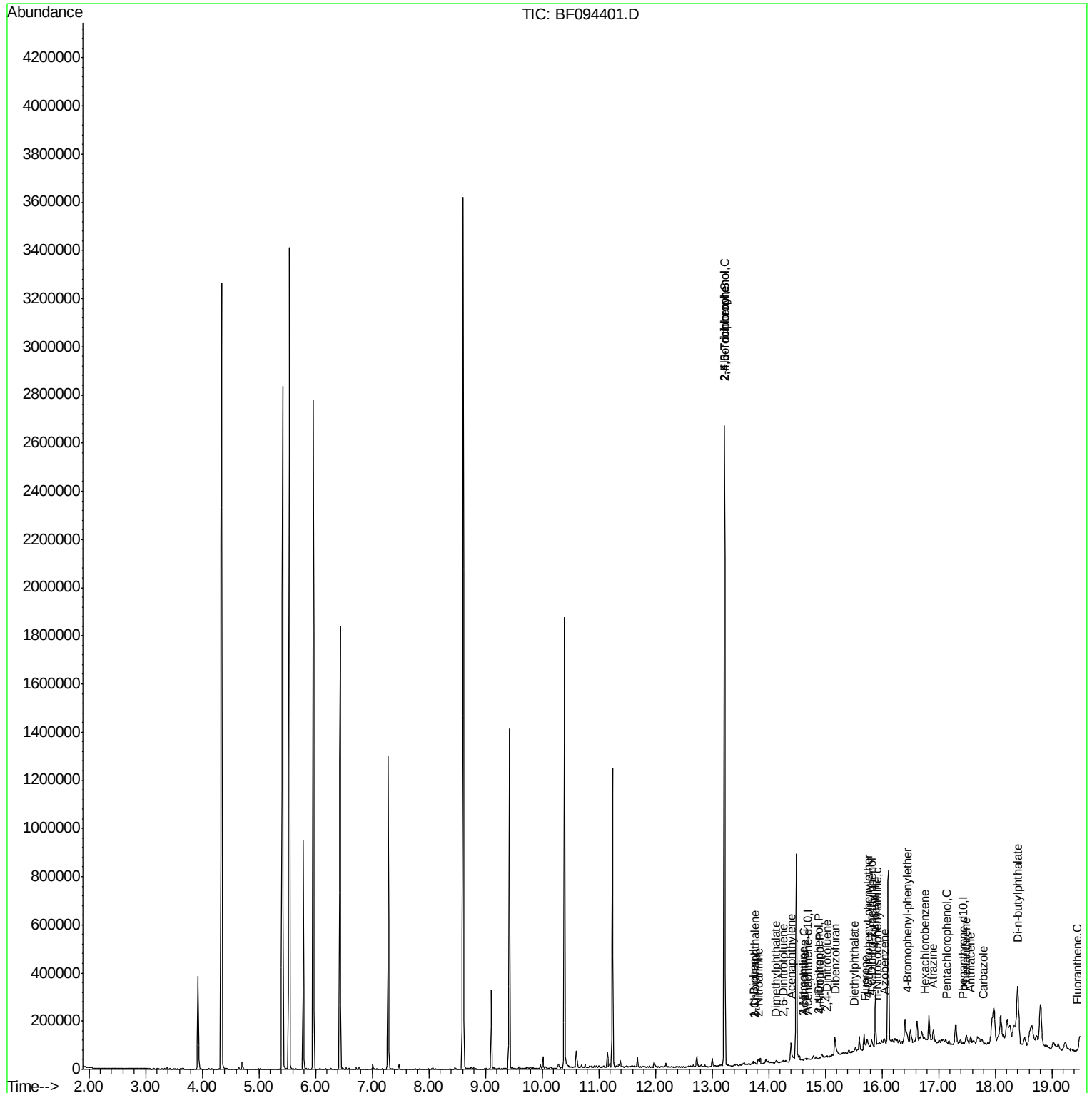
Target Compounds

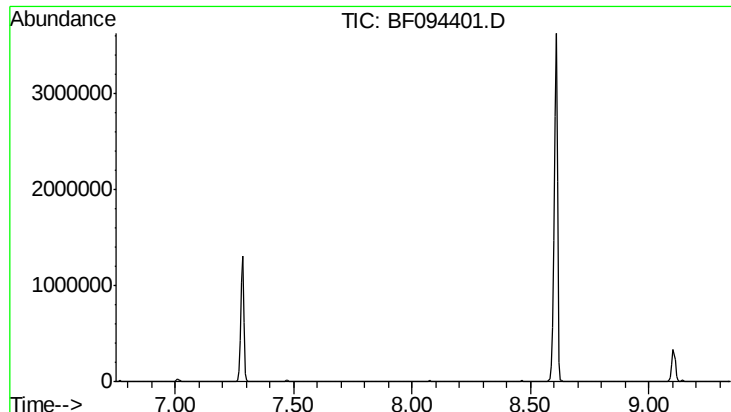
						Qvalue
42) 2,4,6-Trichlorophenol	13.22	196	3365	1447.57	ng	# 1
43) 2,4,5-Trichlorophenol	13.22	196	3365	1309.61	ng	# 1
45) 1,1'-Biphenyl	13.74	154	112	11.46	ng	# 41
46) 2-Chloronaphthalene	13.77	162	116	16.25	ng	# 28
47) 2-Nitroaniline	13.83	65	710	349.80	ng	# 16
48) Acenaphthylene	14.40	152	492	39.54	ng	# 1
49) Dimethylphthalate	14.13	163	157	17.63	ng	# 74
50) 2,6-Dinitrotoluene	14.26	165	1426	685.99	ng	# 11
51) Acenaphthene	14.63	154	338	44.11	ng	# 72
52) 3-Nitroaniline	14.61	138	106	46.31	ng	# 54
53) 2,4-Dinitrophenol	14.89	184	126	104.49	ng	# 15
54) Dibenzofuran	15.17	168	111	10.29	ng	# 1
55) 4-Nitrophenol	14.90	139	364	194.21	ng	# 1
56) 2,4-Dinitrotoluene	15.04	165	245	83.80	ng	# 16
57) Fluorene	15.72	166	113	11.77	ng	# 1
59) Diethylphthalate	15.51	149	172	18.89	ng	# 28
60) 4-Chlorophenyl-phenylether	15.76	204	127	27.92	ng	# 1
61) 4-Nitroaniline	15.89	138	628	259.38	ng	# 84
62) Azobenzene	16.05	77	570	77.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.83	198	118	80.67	ng	# 1
65) n-Nitrosodiphenylamine	15.93	169	366	53.75	ng	# 74
66) 4-Bromophenyl-phenylether	16.46	248	127	53.18	ng	# 1
67) Hexachlorobenzene	16.76	284	112	43.97	ng	# 1
68) Atrazine	16.90	200	106	41.12	ng	# 1
69) Pentachlorophenol	17.16	266	123	74.27	ng	# 20
70) Phenanthrene	17.49	178	1790	143.68	ng	# 1
71) Anthracene	17.56	178	419	32.96	ng	# 1
72) Carbazole	17.80	167	247	18.87	ng	# 11
73) Di-n-butylphthalate	18.39	149	10917	811.92	ng	# 70
74) Fluoranthene	19.45	202	116	7.92	ng	# 1

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

```
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Data File : BF094401.D  
Acq On    : 13 Apr 2017  20:12  
Operator  : SJ/MA  
Sample    : I2663-01  
Misc      :  
ALS Vial  : 14      Sample Multiplier: 1
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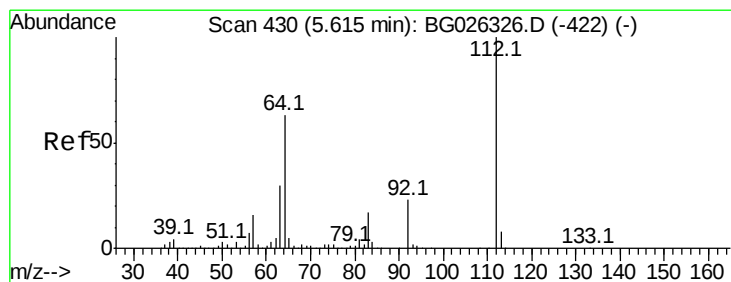
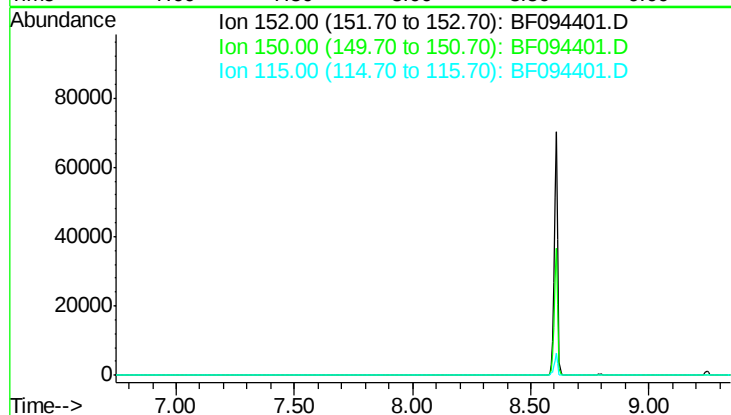




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 8.05 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

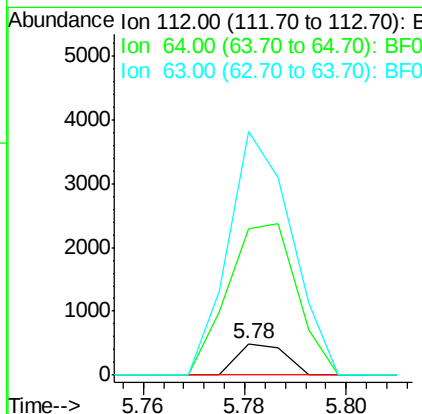
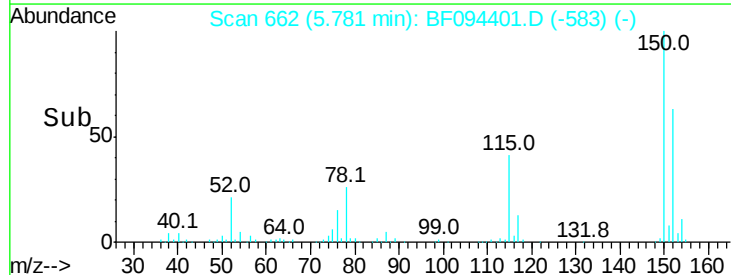
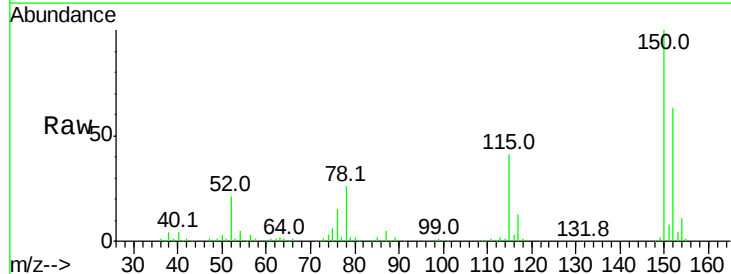
Instrument :
 BNA_F
 ClientSampleId :

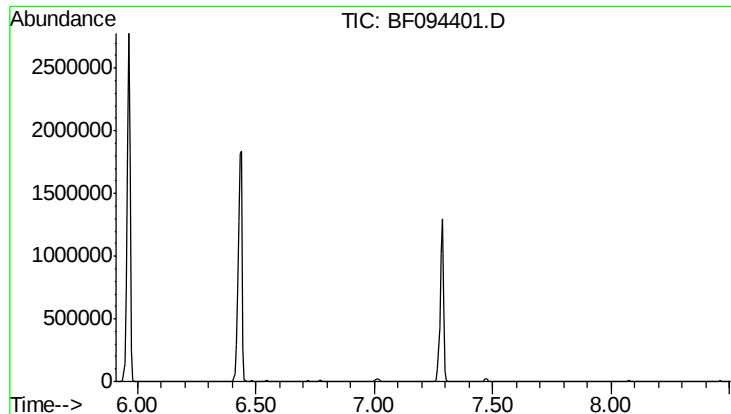
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 142.5
 115 60.1



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.78 min Scan# 662
 Delta R.T. 0.17 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Tgt Ion: 112 Resp: 322
 Ion Ratio Lower Upper
 112 100
 64 462.4 61.8 92.6#
 63 770.5 37.2 55.8#





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.21 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Tot Ion: 99

Sig Exp Ratio

99 100

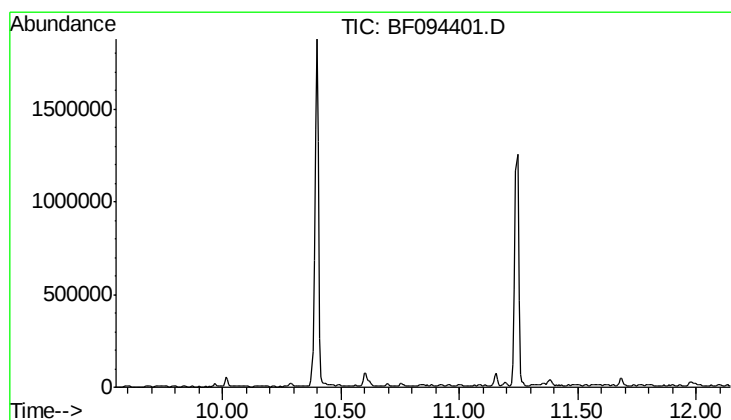
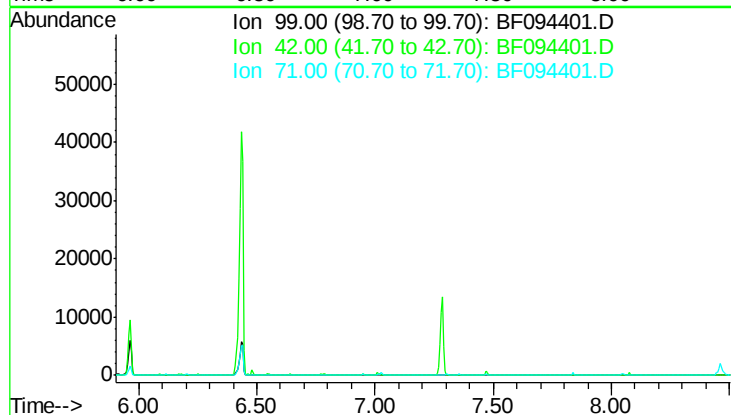
42 25.6

71 47.0

Instrument :

BNA_F

ClientSampleId :



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.85 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Tgt Ion: 136

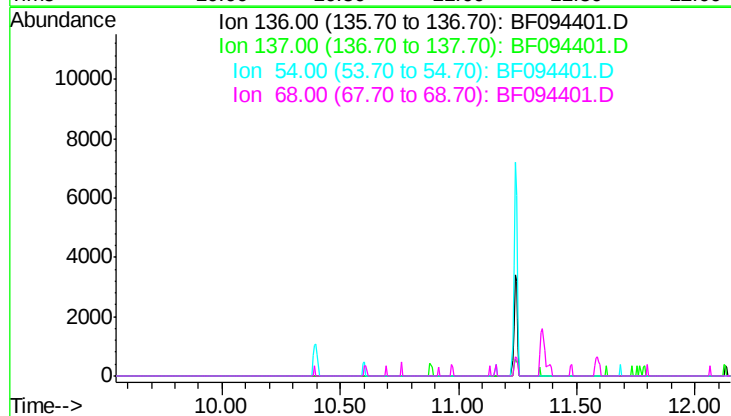
Sig Exp Ratio

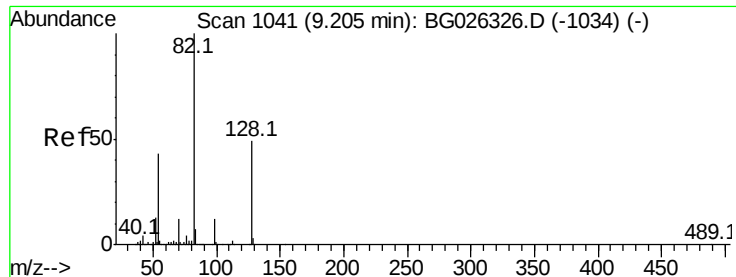
136 100

137 11.1

54 11.6

68 6.4

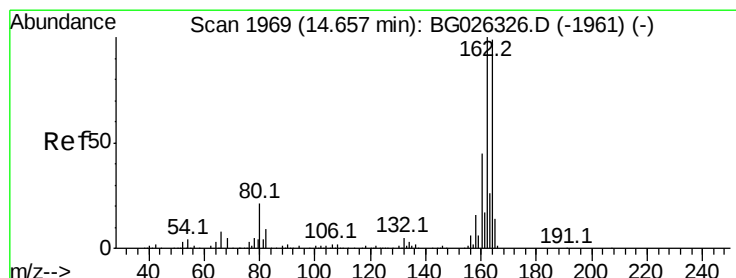
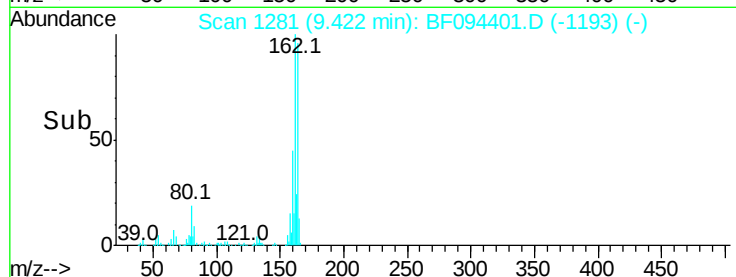
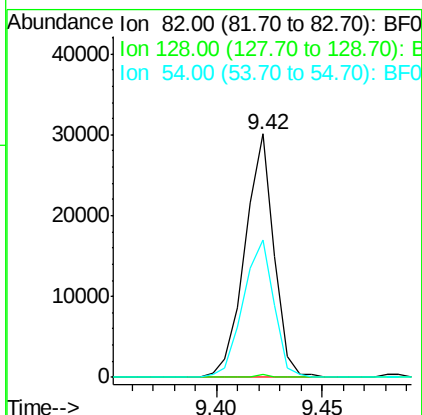
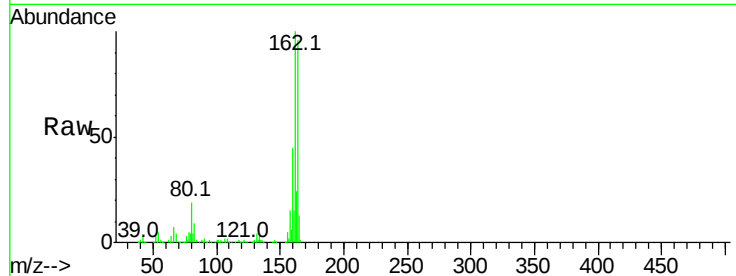




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.22 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

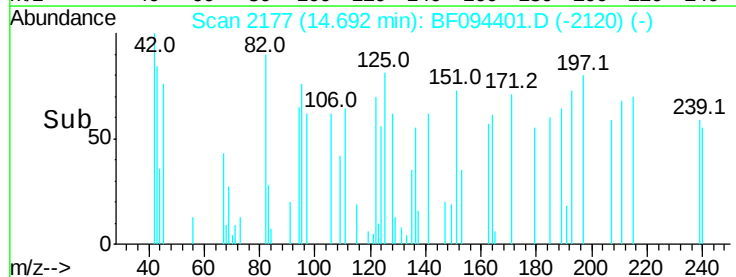
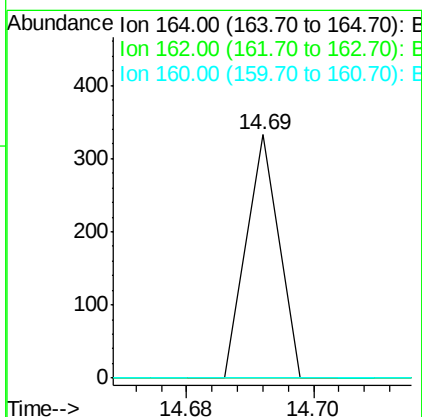
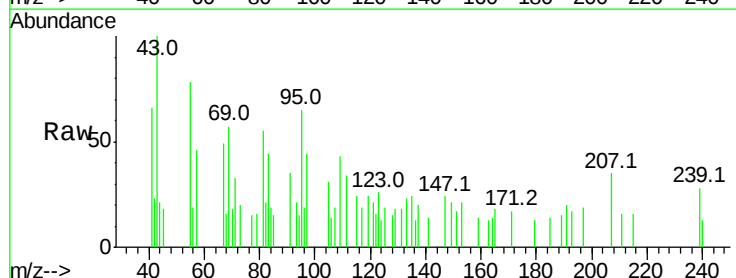
Instrument :
 BNA_F
 ClientSampleId :

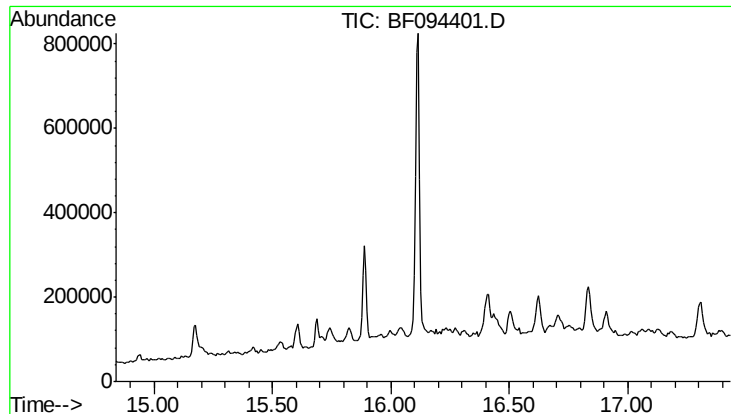
Tot Ion	Ratio	Lower	Upper
82	100		
128	1.1	26.4	39.6#
54	56.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 2177
 Delta R.T. 0.03 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	0.0	85.1	127.7#
160	0.0	34.7	52.1#





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.14 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

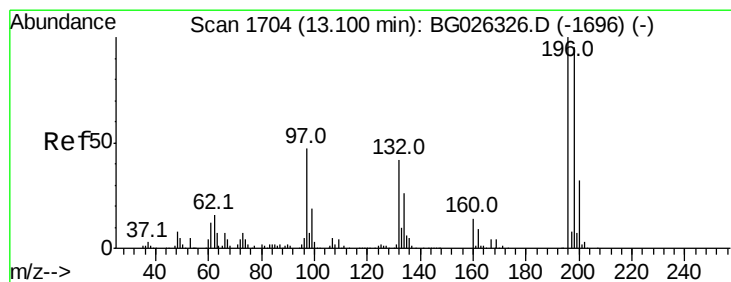
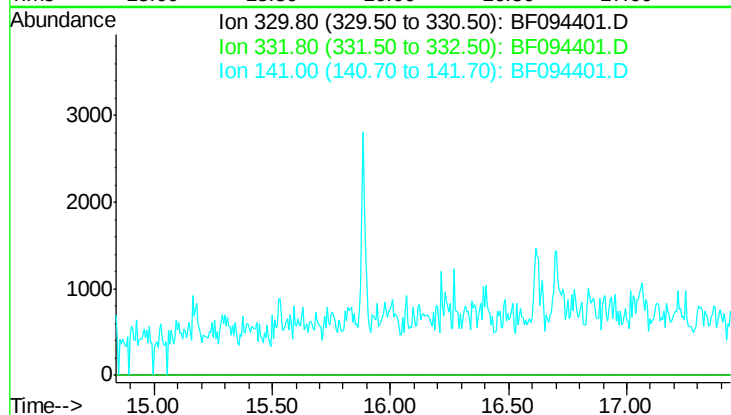
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.6

141 40.1



#42

2,4,6-Trichlorophenol

Concen: 1447.57 ng

RT: 13.22 min Scan# 1927

Delta R.T. 0.12 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

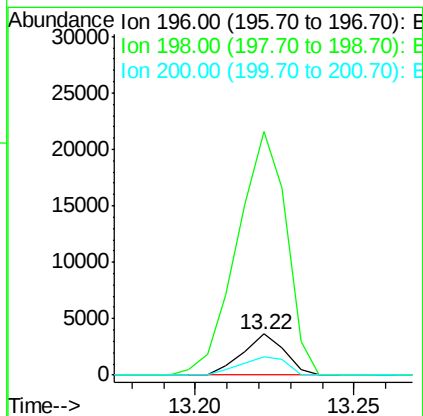
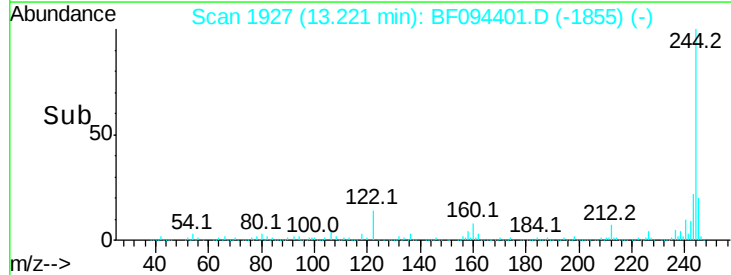
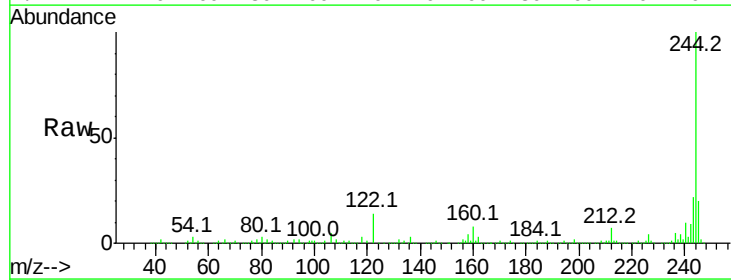
Tgt Ion:196 Resp: 3365

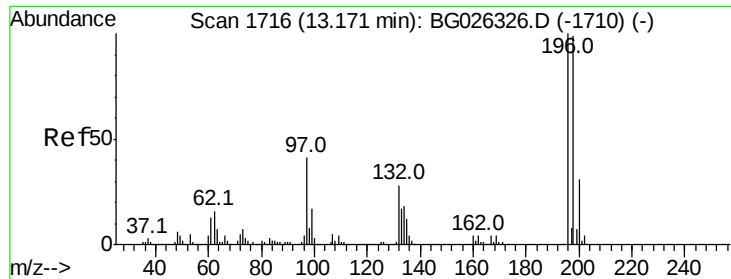
Ion Ratio Lower Upper

196 100

198 595.0 81.4 122.2#

200 45.2 27.0 40.6#

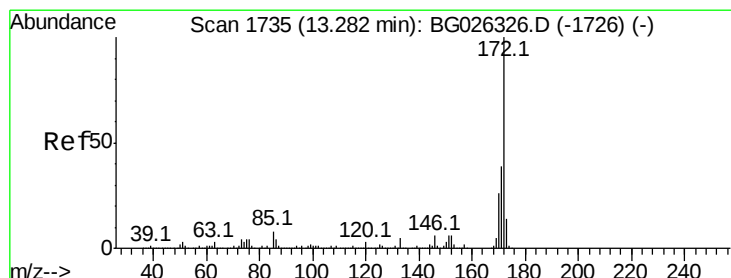
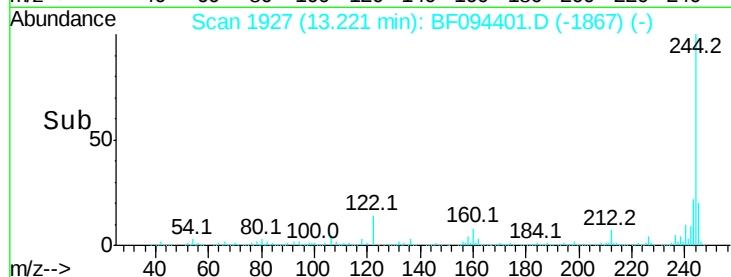
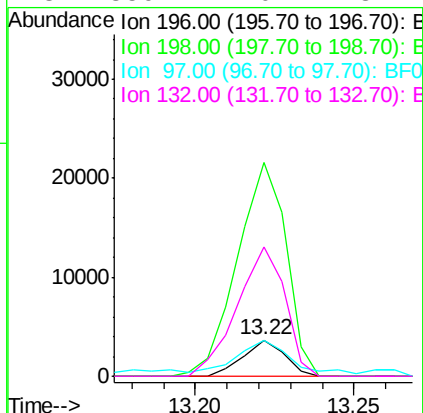
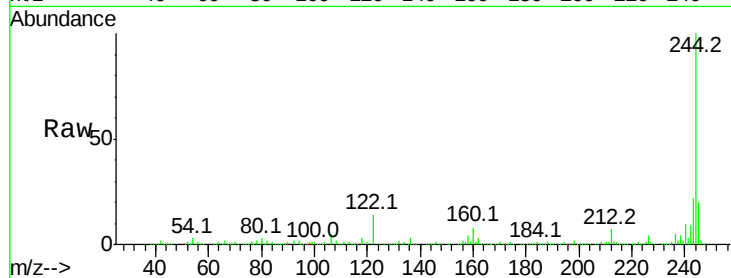




#43
 2,4,5-Trichlorophenol
 Concen: 1309.61 ng
 RT: 13.22 min Scan# 1927
 Delta R.T. 0.05 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

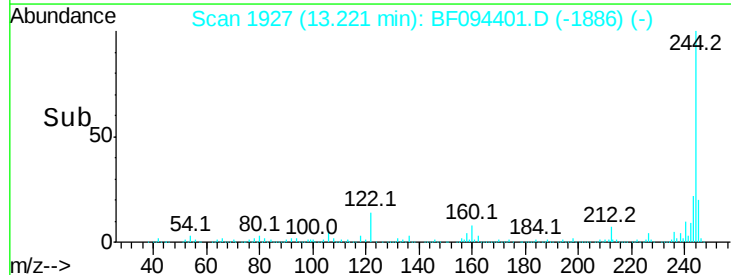
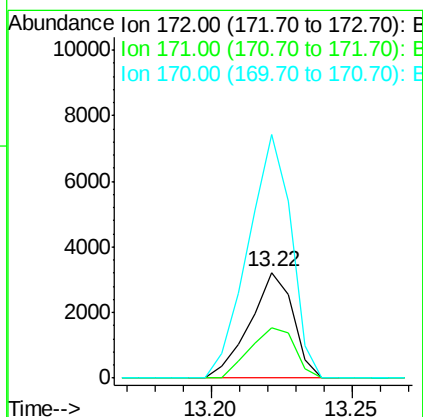
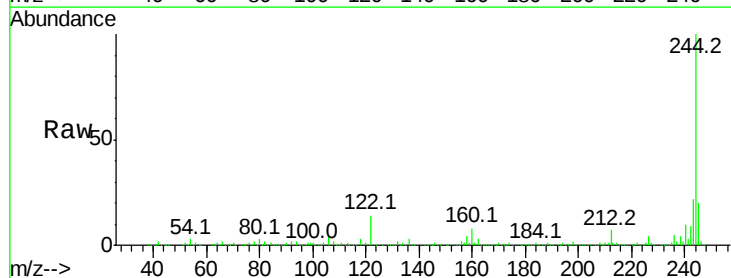
Instrument :
 BNA_F
 ClientSampleId :

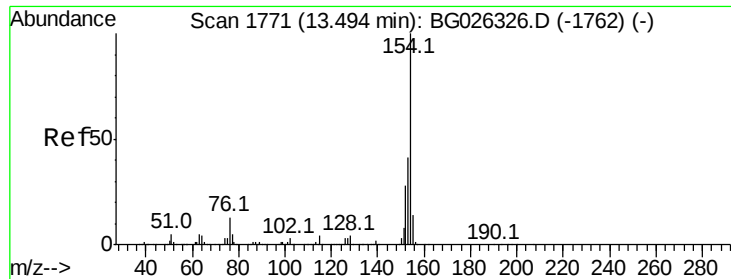
Tot Ion:196 Resp: 3365
 Ion Ratio Lower Upper
 196 100
 198 595.0 79.9 119.9#
 97 100.1 45.4 68.0#
 132 359.1 20.7 31.1#



#44
 2-Fluorobiphenyl
 Concen: 407.64 ng
 RT: 13.22 min Scan# 1927
 Delta R.T. -0.06 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Tgt Ion:172 Resp: 3430
 Ion Ratio Lower Upper
 172 100
 171 48.1 32.2 48.2
 170 230.3 21.8 32.6#





#45

1,1'-Biphenyl

Concen: 11.46 ng

RT: 13.74 min Scan# 2015

Delta R.T. 0.25 min

Lab File: BF094401.D

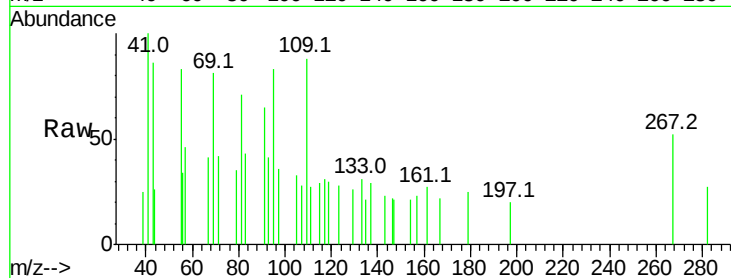
Acq: 13 Apr 2017 20:12

Instrument :

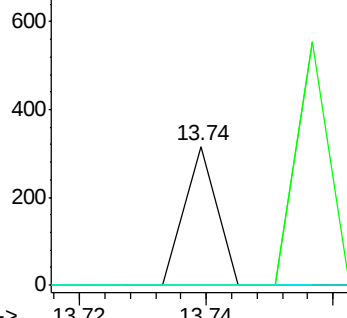
BNA_F

ClientSampled :

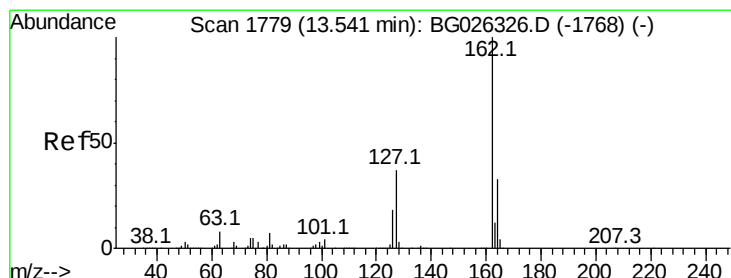
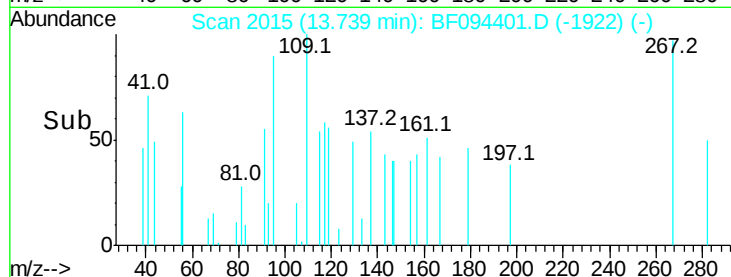
Tot Ion:	154	Resp:	112
Ion	Ratio	Lower	Upper
154	100		
153	0.0	23.0	63.0#
76	0.0	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 16.25 ng

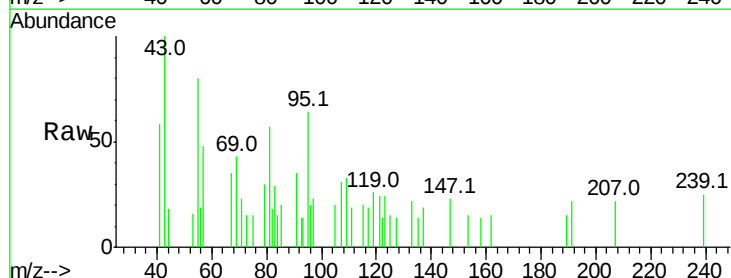
RT: 13.77 min Scan# 2020

Delta R.T. 0.23 min

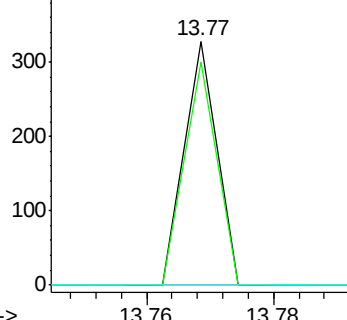
Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

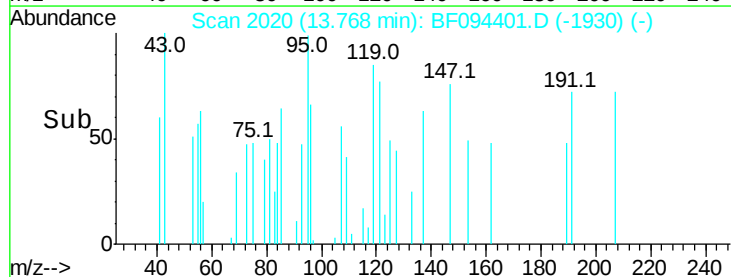
Tgt Ion:	162	Resp:	116
Ion	Ratio	Lower	Upper
162	100		
127	91.8	32.2	48.4#
164	0.0	27.3	40.9#

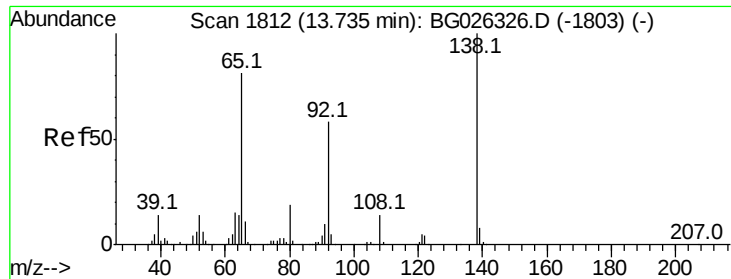


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

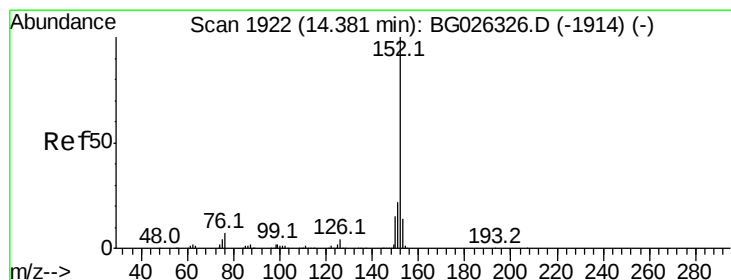
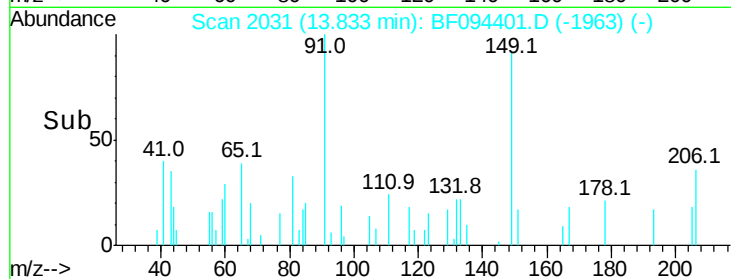
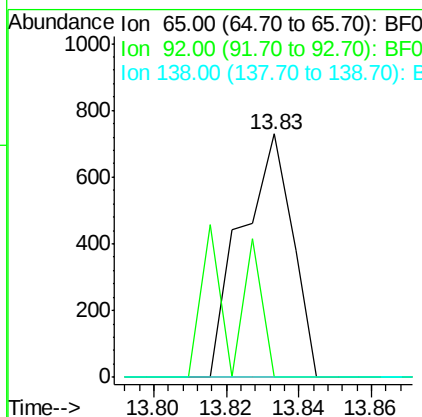
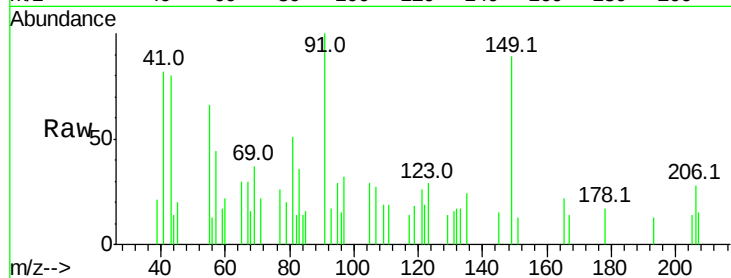




#47
2-Nitroaniline
Concen: 349.80 ng
RT: 13.83 min Scan# 2031
Delta R.T. 0.10 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

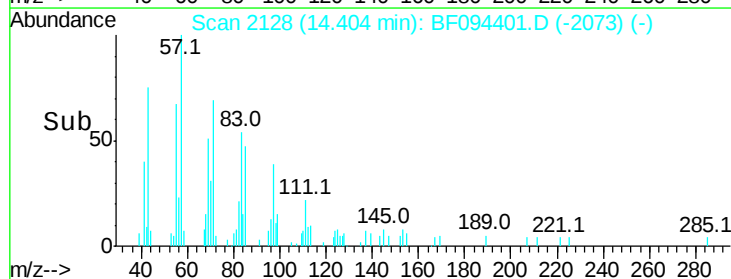
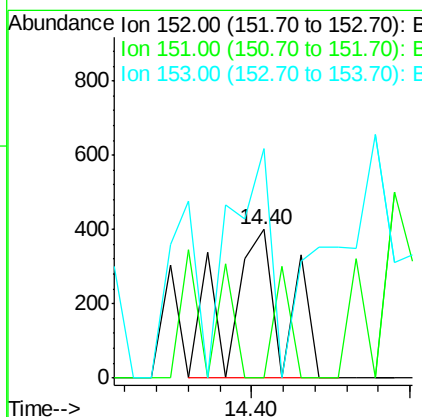
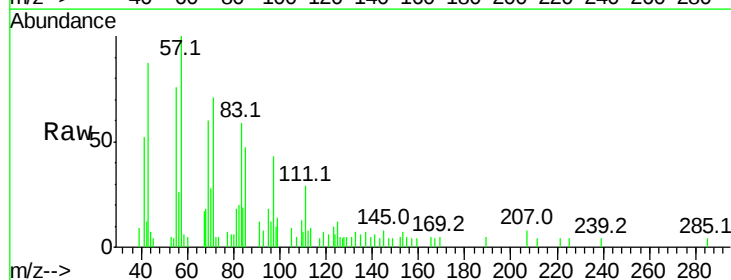
Instrument :
BNA_F
ClientSampleId :

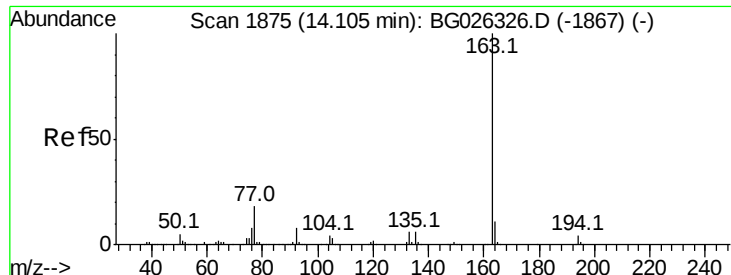
Tot Ion: 65 Resp: 710
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.4#
138 0.0 58.6 87.8#



#48
Acenaphthylene
Concen: 39.54 ng
RT: 14.40 min Scan# 2128
Delta R.T. 0.02 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

Tgt Ion:152 Resp: 492
Ion Ratio Lower Upper
152 100
151 0.0 18.2 27.2#
153 154.5 11.3 16.9#





#49

Dimethylphthalate

Concen: 17.63 ng

RT: 14.13 min Scan# 2082

Delta R.T. 0.03 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampled :

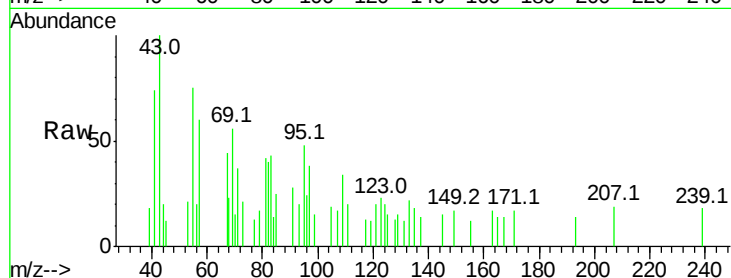
Tot Ion:163 Resp: 157

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.6#

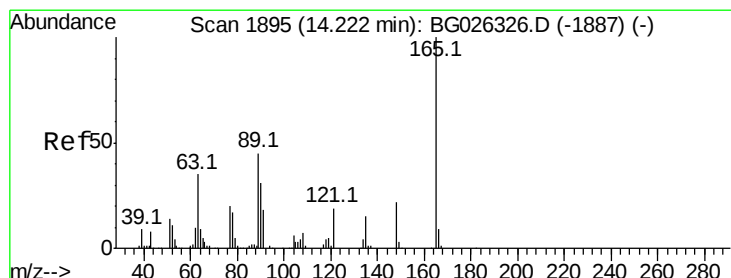
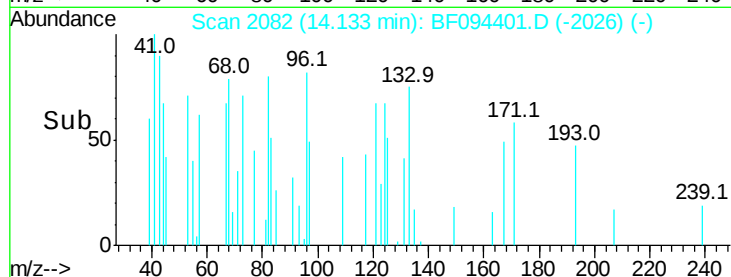
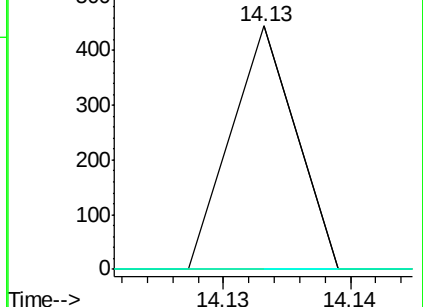
164 0.0 9.3 13.9#



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: 685.99 ng

RT: 14.26 min Scan# 2103

Delta R.T. 0.03 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

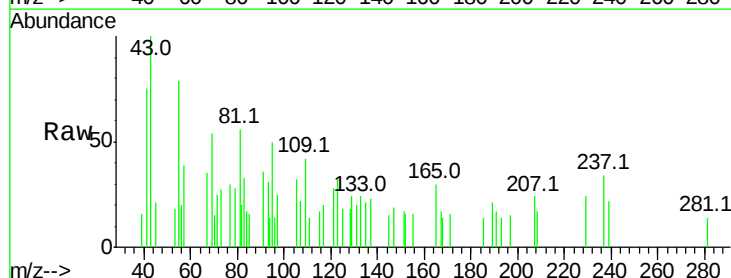
Tgt Ion:165 Resp: 1426

Ion Ratio Lower Upper

165 100

63 0.0 63.9 95.9#

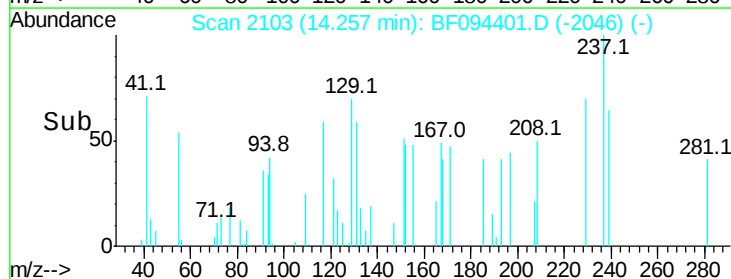
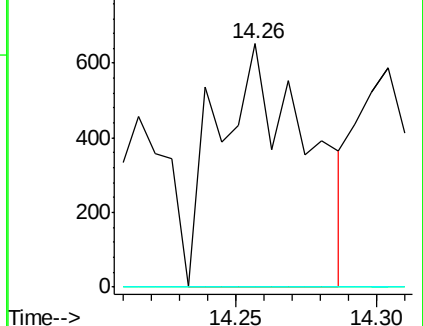
89 0.0 58.6 88.0#

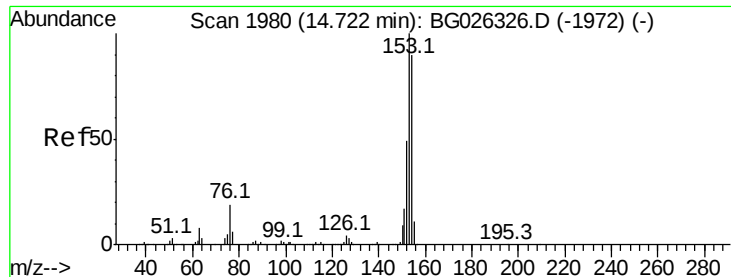


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.11 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.09 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampled :

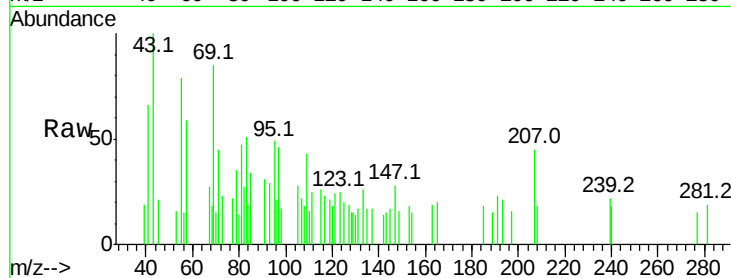
Tot Ion:154 Resp: 338

Ion Ratio Lower Upper

154 100

153 115.5 87.8 131.6

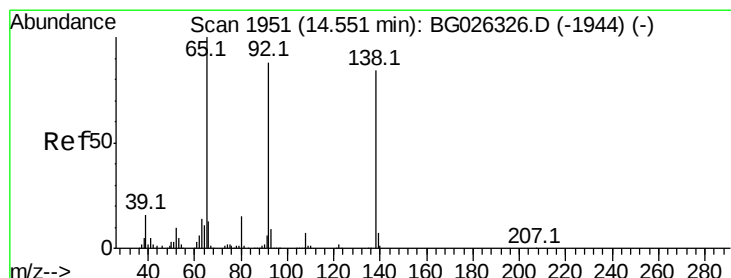
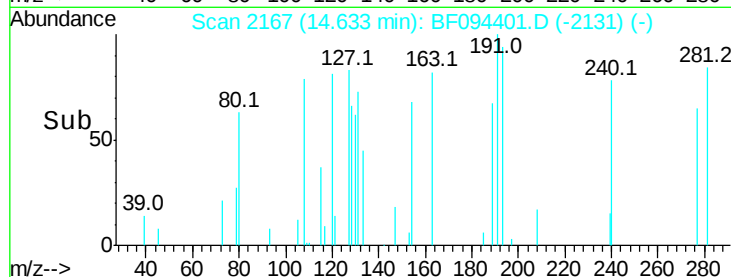
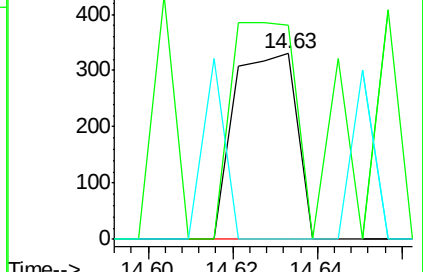
152 0.0 42.2 63.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.31 ng

RT: 14.61 min Scan# 2163

Delta R.T. 0.06 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

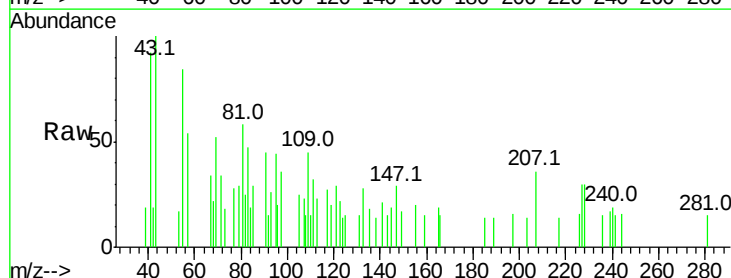
Tgt Ion:138 Resp: 106

Ion Ratio Lower Upper

138 100

108 111.6 10.9 16.3#

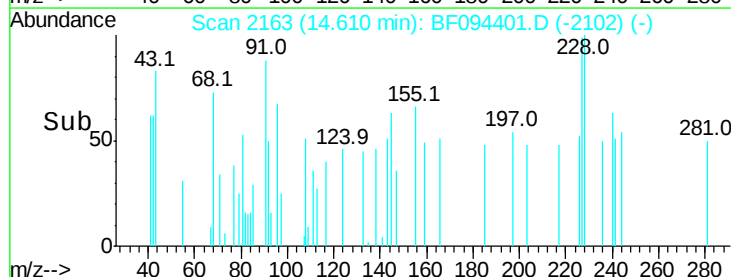
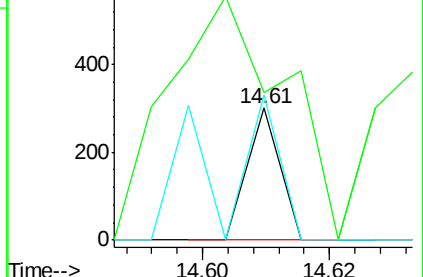
92 109.6 115.3 172.9#

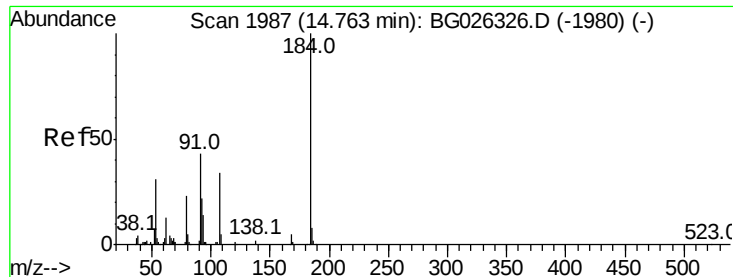


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

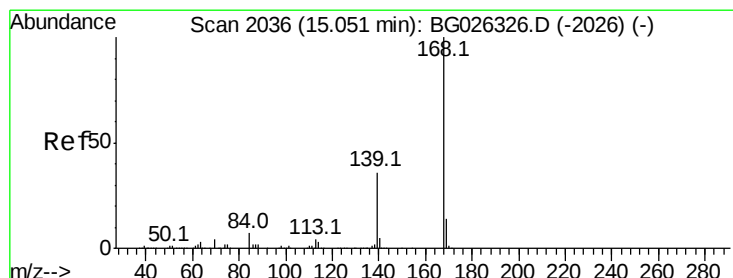
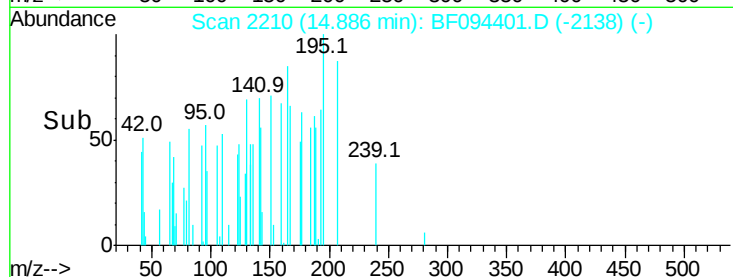
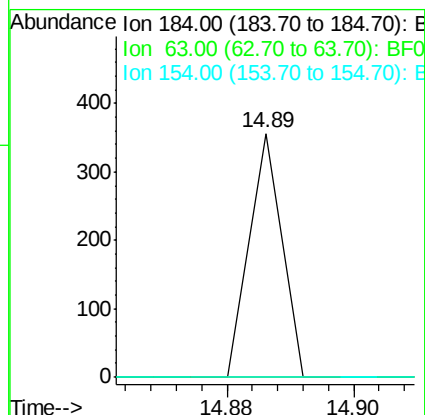
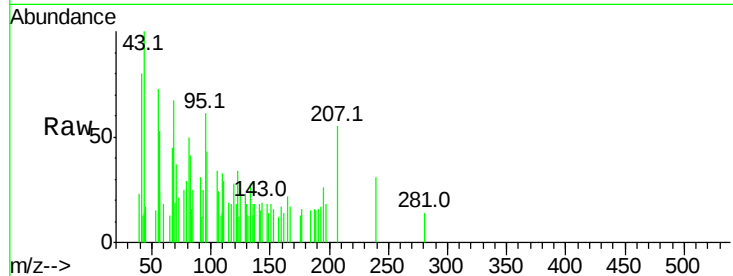




#53
 2,4-Dinitrophenol
 Concen: 104.49 ng
 RT: 14.89 min Scan# 2210
 Delta R.T. 0.12 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

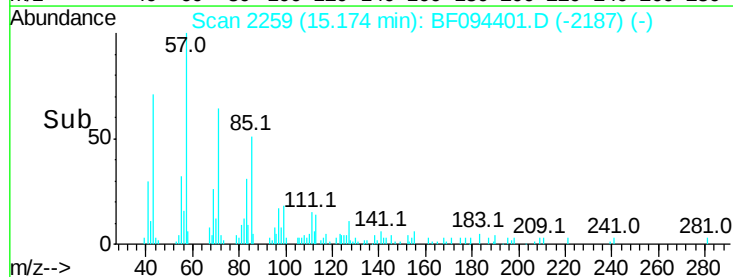
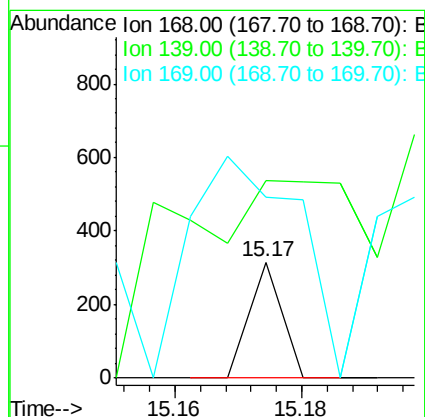
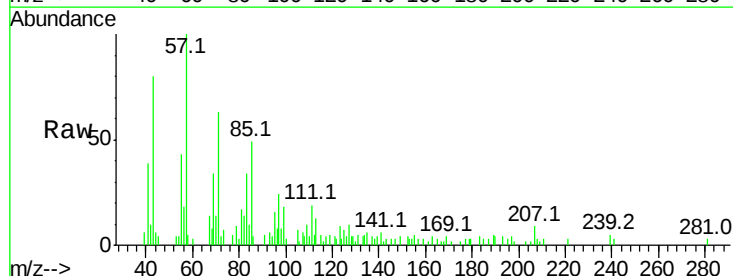
Instrument :
 BNA_F
 ClientSampleId :

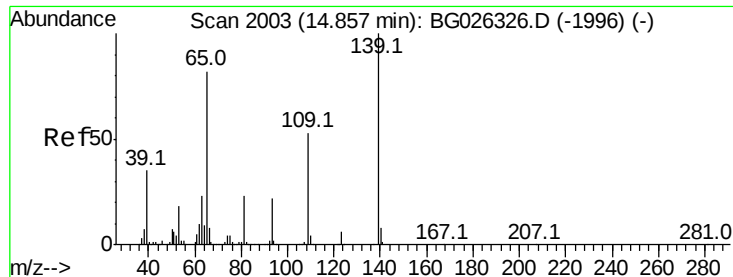
Tot Ion:184 Resp: 126
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#54
 Dibenzofuran
 Concen: 10.29 ng
 RT: 15.17 min Scan# 2259
 Delta R.T. 0.12 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Tgt Ion:168 Resp: 111
 Ion Ratio Lower Upper
 168 100
 139 170.5 35.3 52.9#
 169 155.9 11.5 17.3#

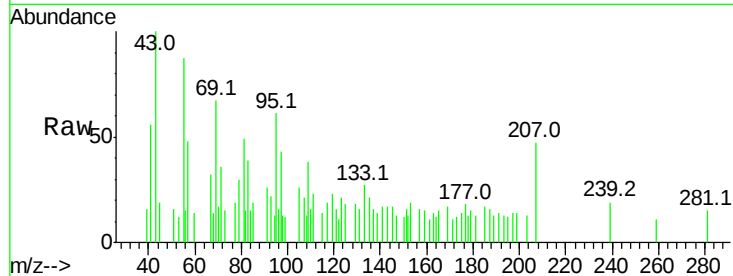




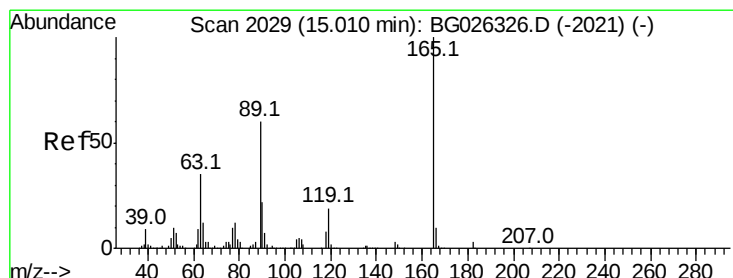
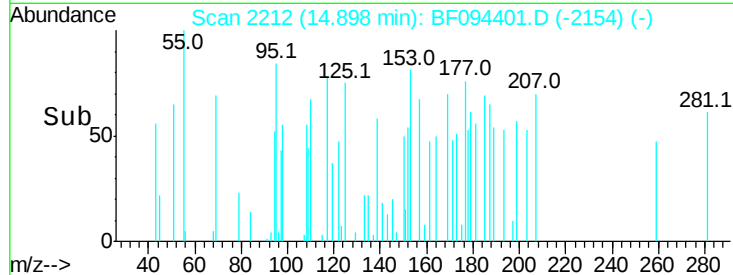
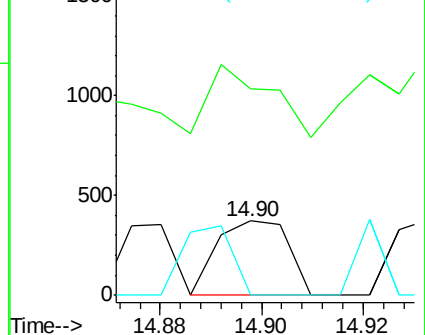
#55
4-Nitrophenol
Concen: 194.21 ng
RT: 14.90 min Scan# 2212
Delta R.T. 0.04 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 364
Ion Ratio Lower Upper
139 100
109 276.7 101.2 141.2#
65 0.0 135.3 175.3#

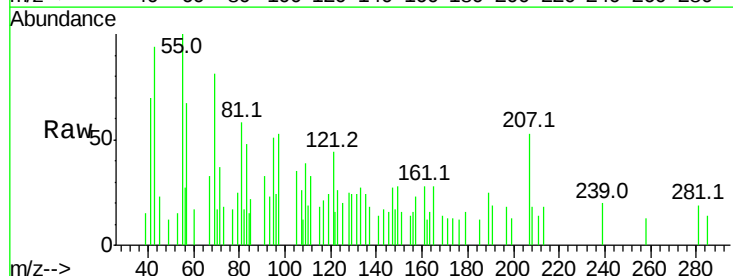


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

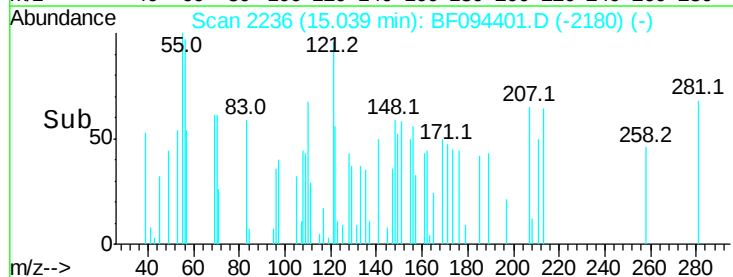
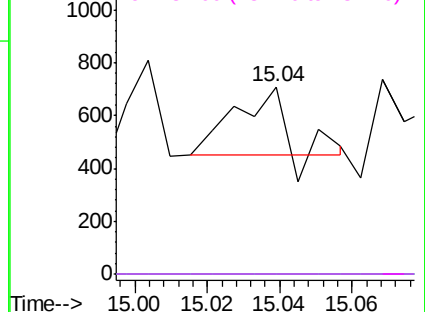


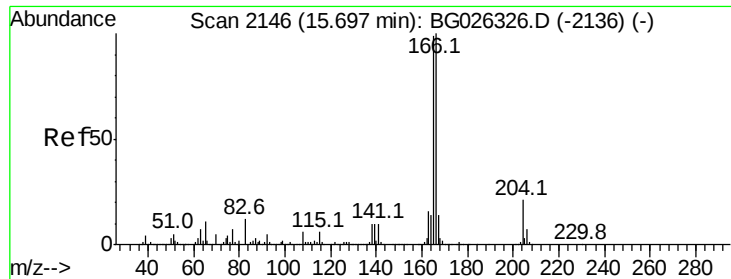
#56
2,4-Dinitrotoluene
Concen: 83.80 ng
RT: 15.04 min Scan# 2236
Delta R.T. 0.03 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

Tgt Ion:165 Resp: 245
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): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E

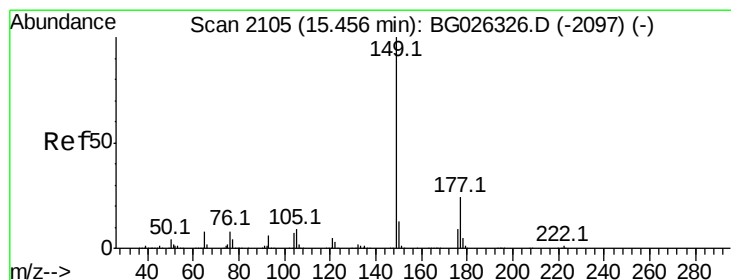
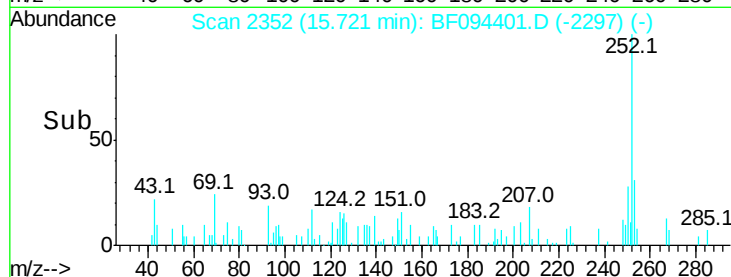
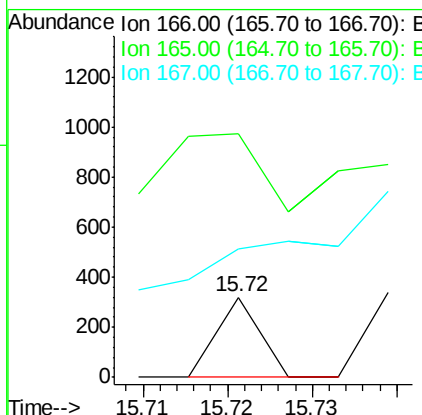
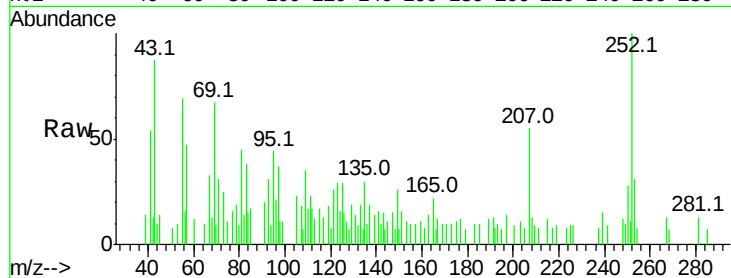




#57
 Fluorene
 Concen: 11.77 ng
 RT: 15.72 min Scan# 2352
 Delta R.T. 0.02 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

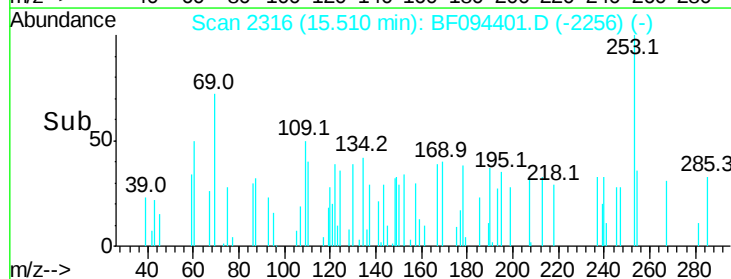
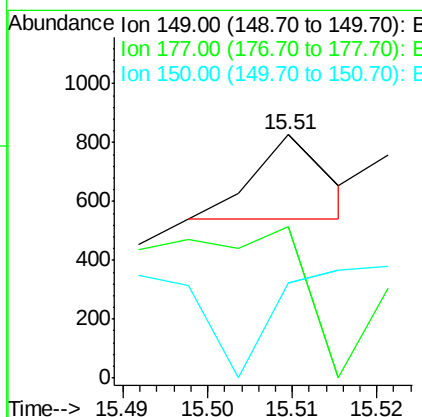
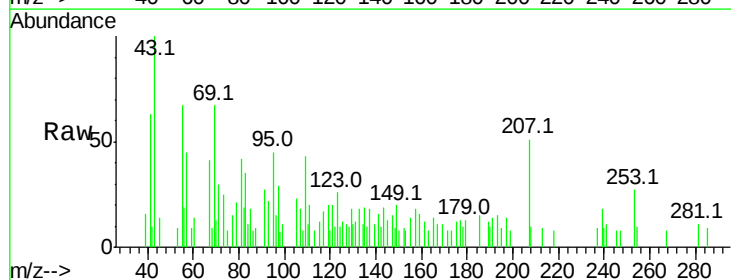
Instrument :
 BNA_F
 ClientSampleId :

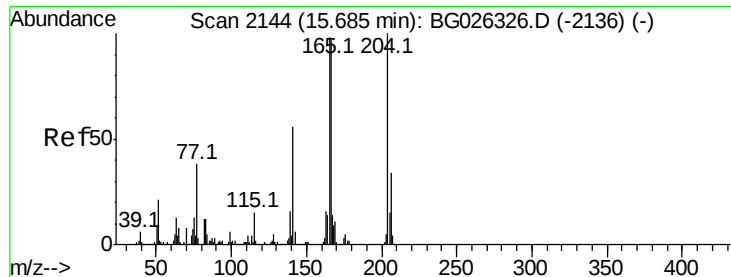
Tot Ion:166 Resp: 113
 Ion Ratio Lower Upper
 166 100
 165 302.8 78.6 117.8#
 167 159.8 11.6 17.4#



#59
 Diethylphthalate
 Concen: 18.89 ng
 RT: 15.51 min Scan# 2316
 Delta R.T. 0.05 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Tgt Ion:149 Resp: 172
 Ion Ratio Lower Upper
 149 100
 177 62.4 20.1 30.1#
 150 38.9 10.2 15.2#





#60

4-Chlorophenyl-phenylether

Concen: 27.92 ng

RT: 15.76 min Scan# 2358

Delta R.T. 0.07 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampled :

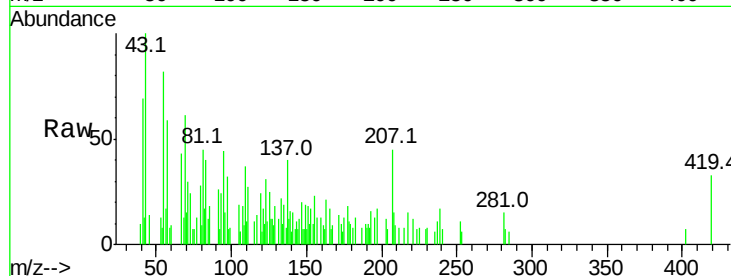
Tot Ion:204 Resp: 127

Ion Ratio Lower Upper

204 100

206 0.0 30.1 45.1#

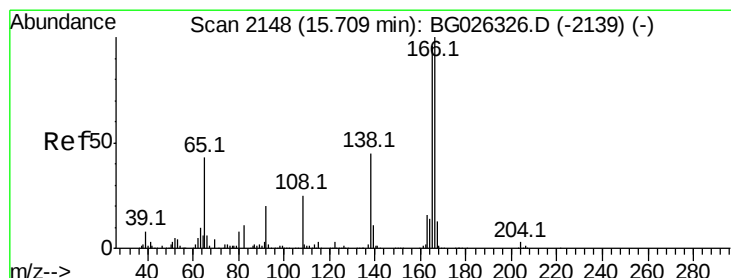
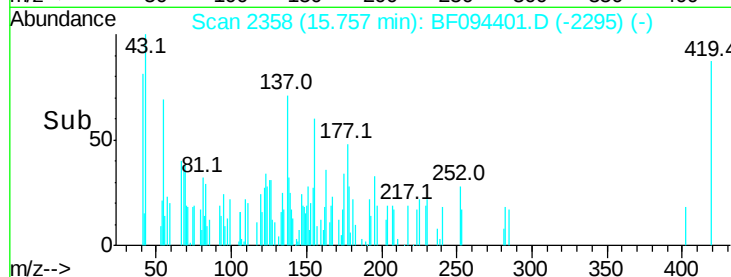
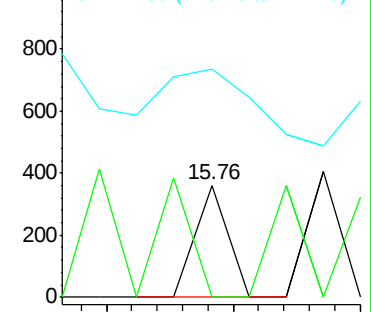
141 203.9 50.6 76.0#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 259.38 ng

RT: 15.89 min Scan# 2381

Delta R.T. 0.18 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

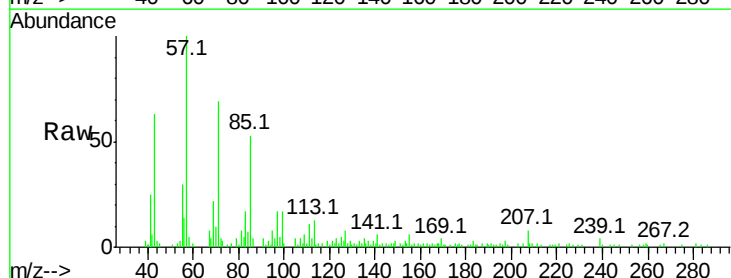
Tgt Ion:138 Resp: 628

Ion Ratio Lower Upper

138 100

92 84.0 44.2 84.2

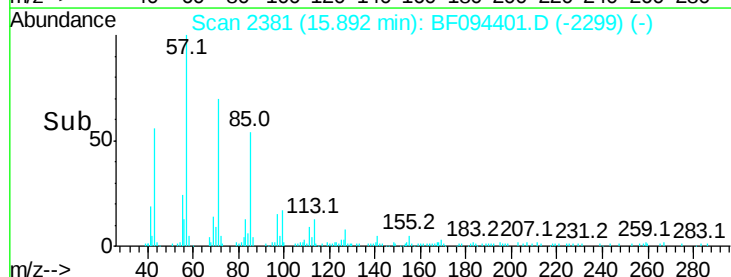
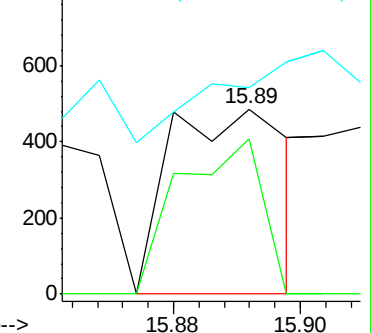
108 111.5 104.8 144.8

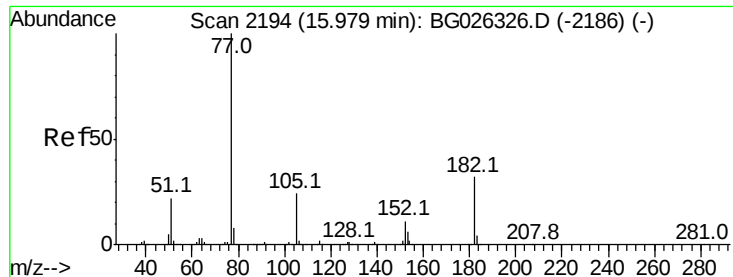


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 77.01 ng

RT: 16.05 min Scan# 2408

Delta R.T. 0.07 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 570

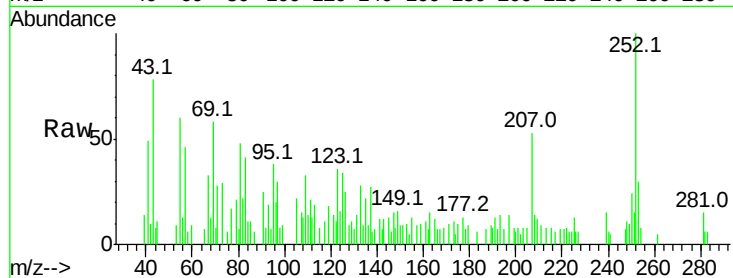
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 131.0 0.0 36.3#

51 0.0 16.4 56.4#

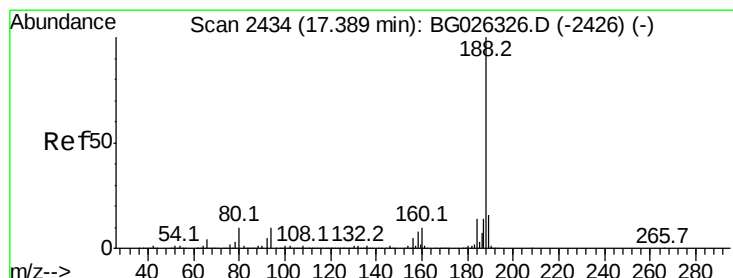
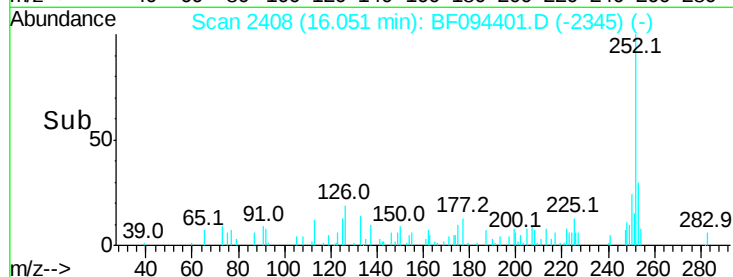
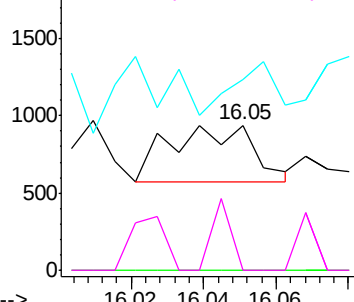


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.44 min Scan# 2644

Delta R.T. 0.05 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

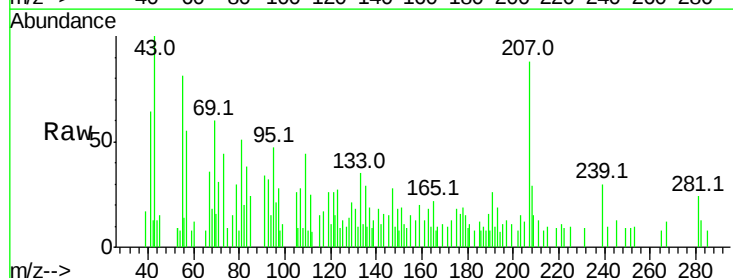
Tgt Ion: 188 Resp: 232

Ion Ratio Lower Upper

188 100

94 180.8 5.8 8.8#

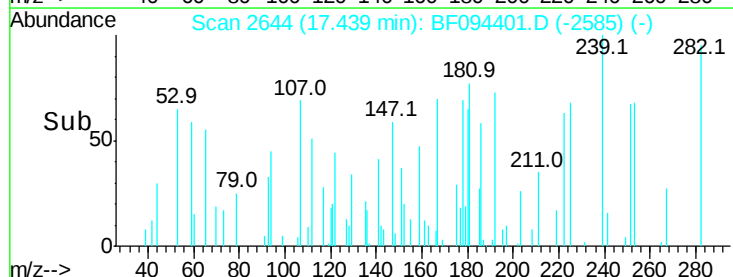
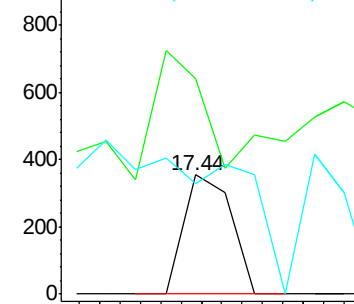
80 93.0 7.5 11.3#

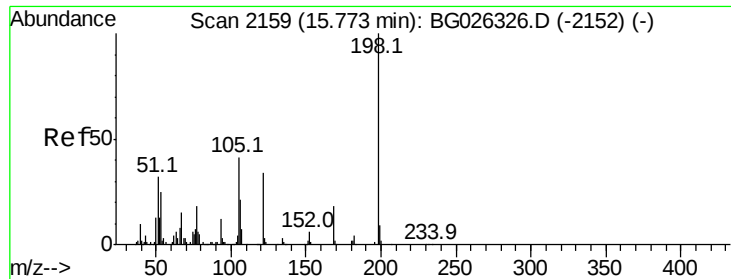


Abundance Ion 188.00 (187.70 to 188.70): E

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: 80.67 ng

RT: 15.83 min Scan# 2370

Delta R.T. 0.05 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

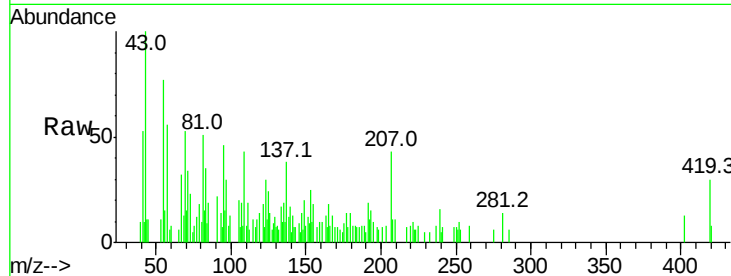
Tot Ion:198 Resp: 118

Ion Ratio Lower Upper

198 100

51 0.0 22.6 62.6#

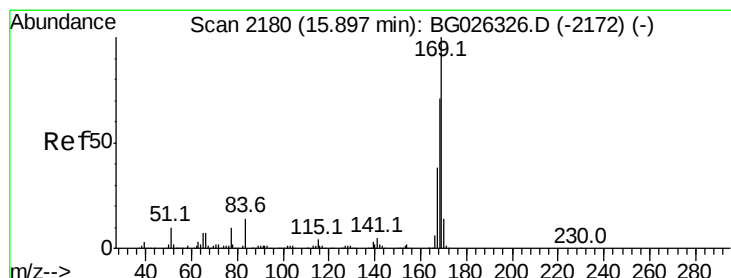
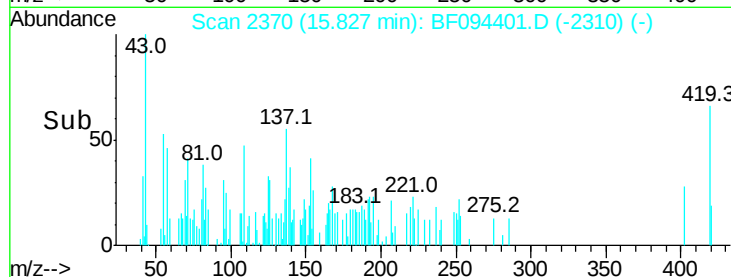
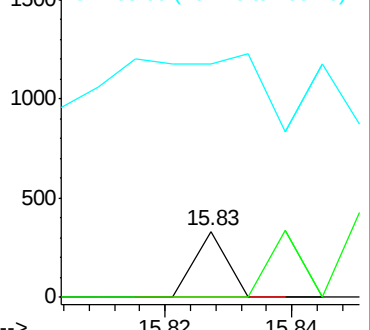
105 352.3 14.4 54.4#



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: 53.75 ng

RT: 15.93 min Scan# 2387

Delta R.T. 0.03 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

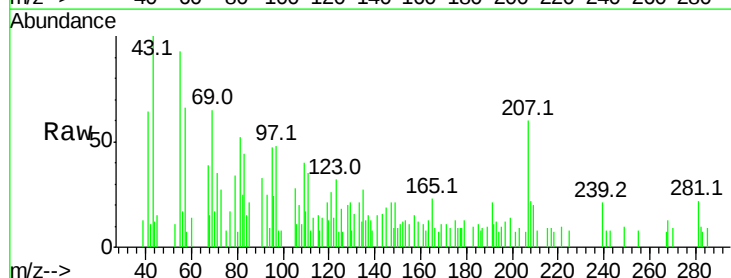
Tgt Ion:169 Resp: 366

Ion Ratio Lower Upper

169 100

168 64.6 55.7 83.5

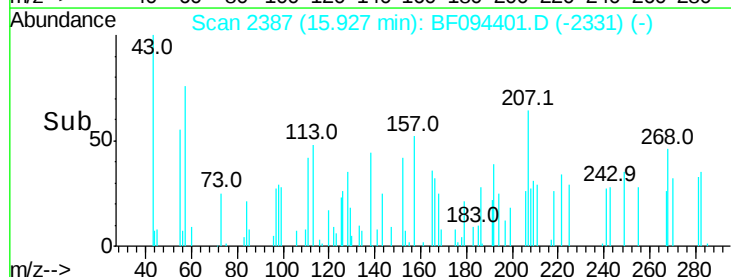
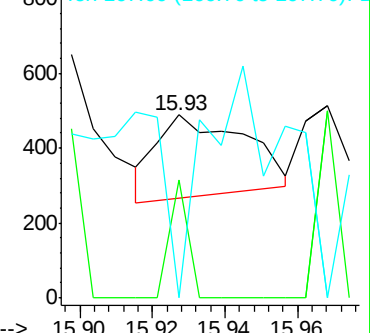
167 0.0 29.8 44.6#

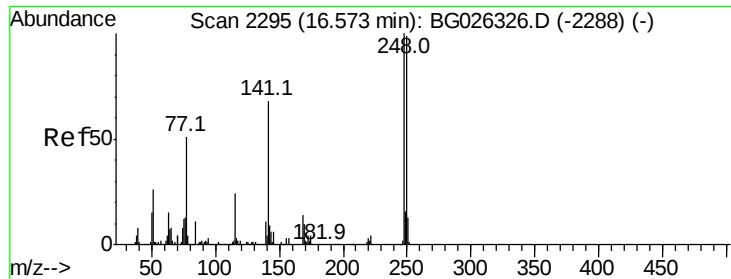


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

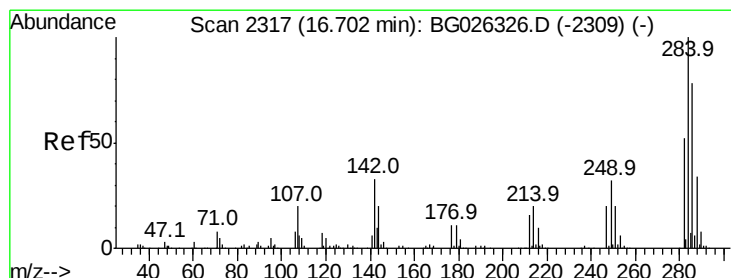
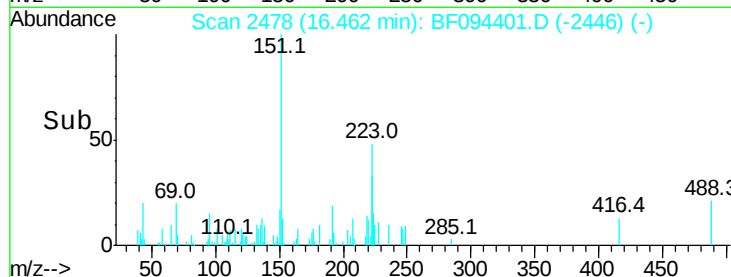
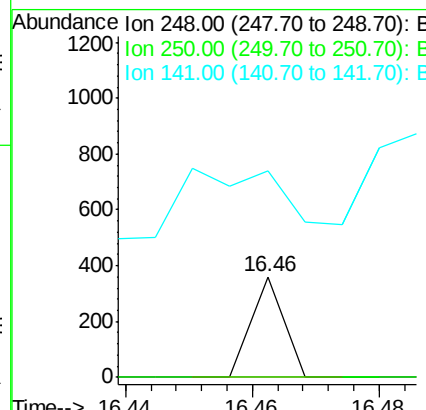
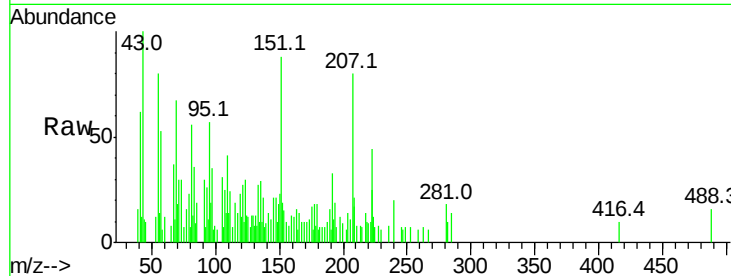




#66
4-Bromophenyl-phenylether
Concen: 53.18 ng
RT: 16.46 min Scan# 2478
Delta R.T. -0.11 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

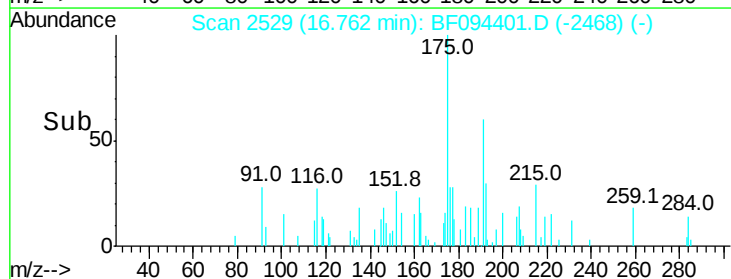
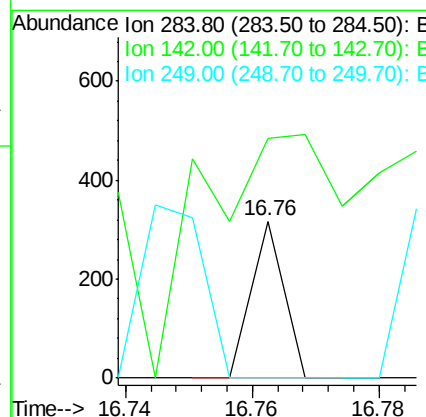
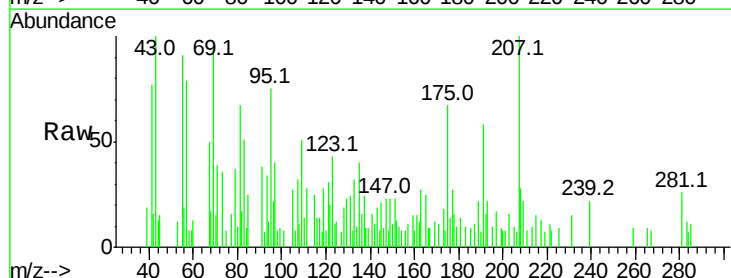
Instrument :
BNA_F
ClientSampled :

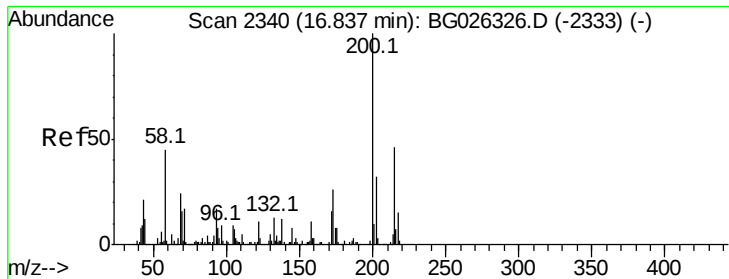
Tot Ion	Ratio	Lower	Upper
248	100		
250	0.0	75.0	112.6#
141	205.0	55.2	82.8#



#67
Hexachlorobenzene
Concen: 43.97 ng
RT: 16.76 min Scan# 2529
Delta R.T. 0.06 min
Lab File: BF094401.D
Acq: 13 Apr 2017 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	152.7	29.9	44.9#
249	0.0	29.2	43.8#





#68

Atrazine

Concen: 41.12 ng

RT: 16.90 min Scan# 2552

Delta R.T. 0.06 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

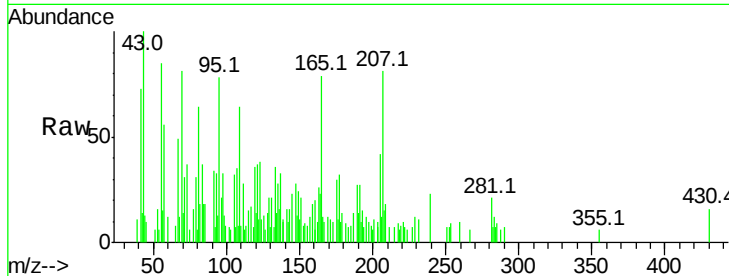
Tot Ion:200 Resp: 106

Ion Ratio Lower Upper

200 100

173 164.8 3.0 43.0#

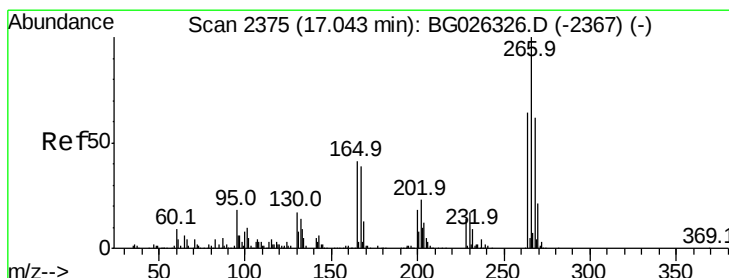
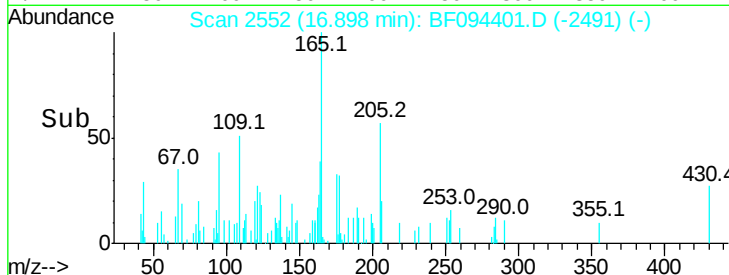
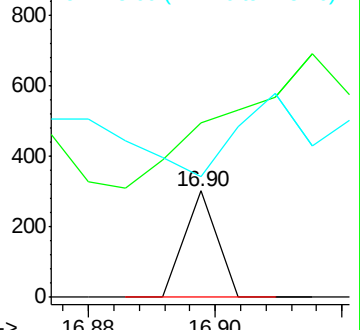
215 114.3 28.4 68.4#



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: 74.27 ng

RT: 17.16 min Scan# 2596

Delta R.T. 0.11 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

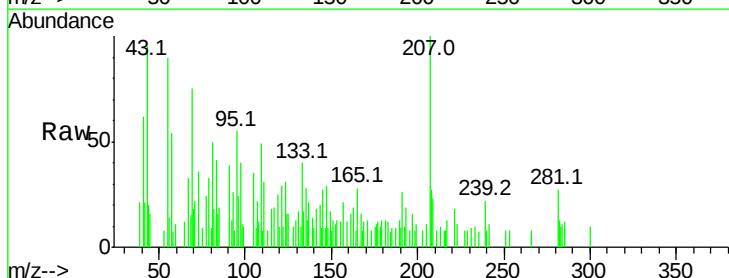
Tgt Ion:266 Resp: 123

Ion Ratio Lower Upper

266 100

268 0.0 48.6 72.8#

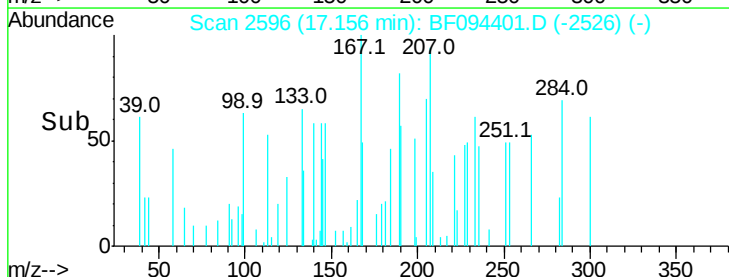
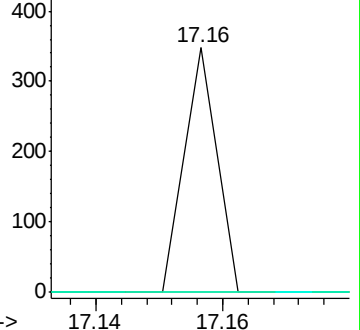
264 0.0 50.1 75.1#

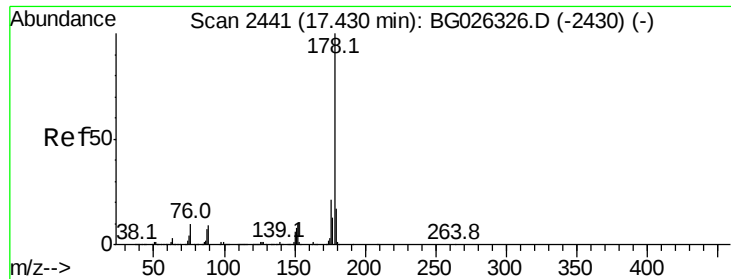


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 143.68 ng

RT: 17.49 min Scan# 2653

Delta R.T. 0.06 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampleId :

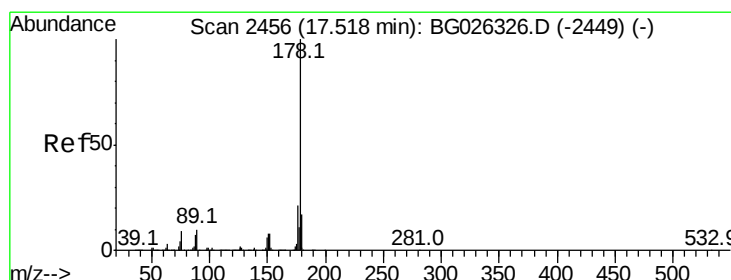
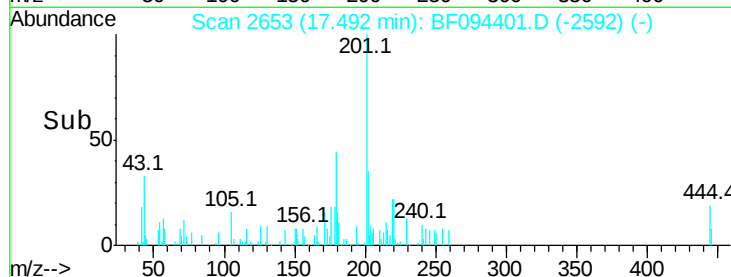
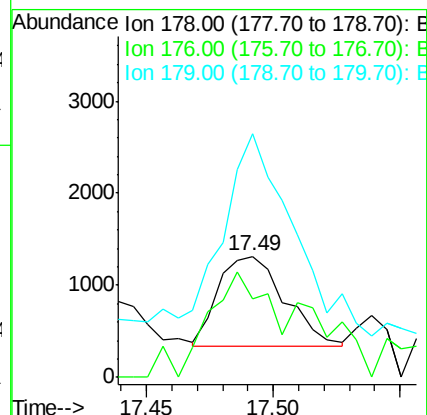
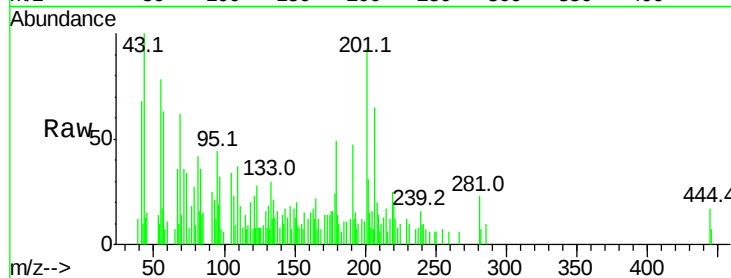
Tot Ion:178 Resp: 1790

Ion Ratio Lower Upper

178 100

176 64.3 17.7 26.5#

179 200.6 15.0 22.6#



#71

Anthracene

Concen: 32.96 ng

RT: 17.56 min Scan# 2665

Delta R.T. 0.04 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

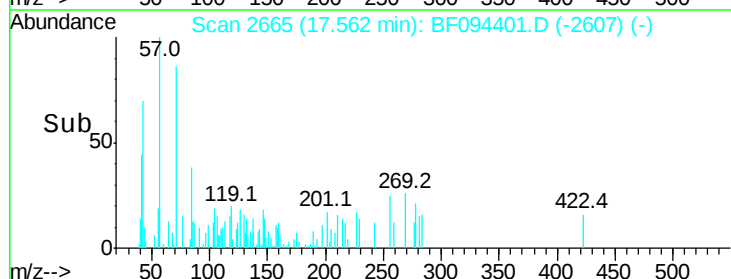
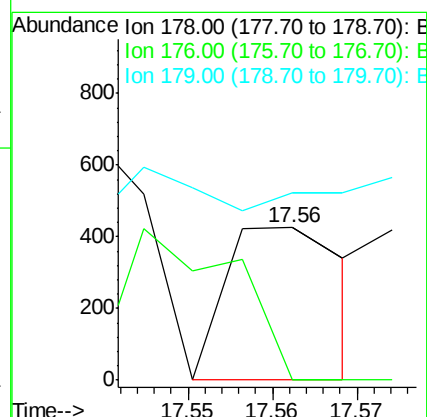
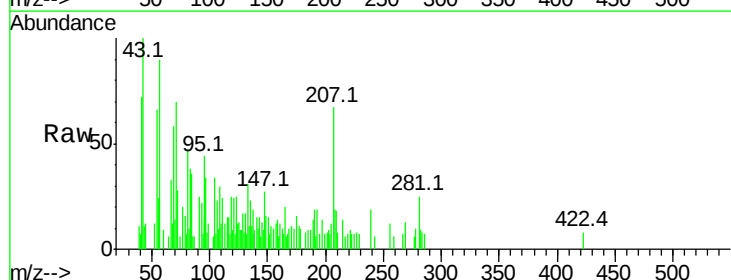
Tgt Ion:178 Resp: 419

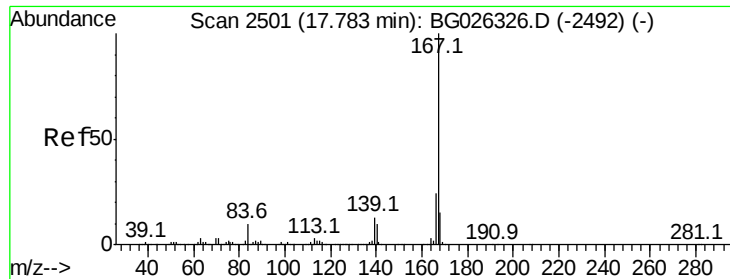
Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

179 122.6 13.8 20.8#





#72

Carbazole

Concen: 18.87 ng

RT: 17.80 min Scan# 2706

Delta R.T. 0.02 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Instrument :

BNA_F

ClientSampled :

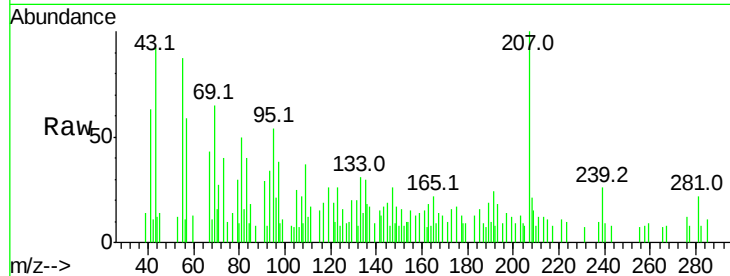
Tot Ion:167 Resp: 247

Ion Ratio Lower Upper

167 100

166 62.3 20.2 30.2#

139 64.1 12.8 19.2#

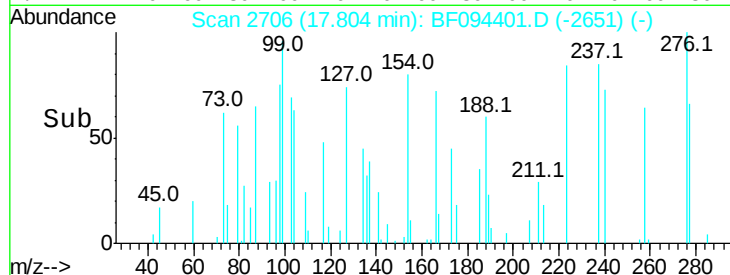


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->

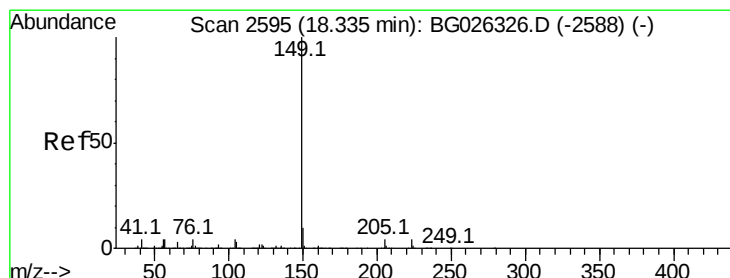


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 811.92 ng

RT: 18.39 min Scan# 2806

Delta R.T. 0.06 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

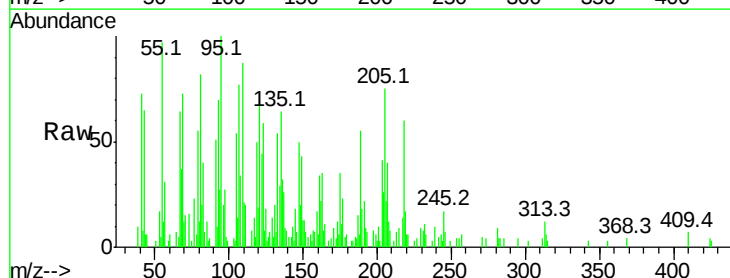
Tgt Ion:149 Resp: 10917

Ion Ratio Lower Upper

149 100

150 31.1 9.1 13.7#

104 7.9 6.7 10.1

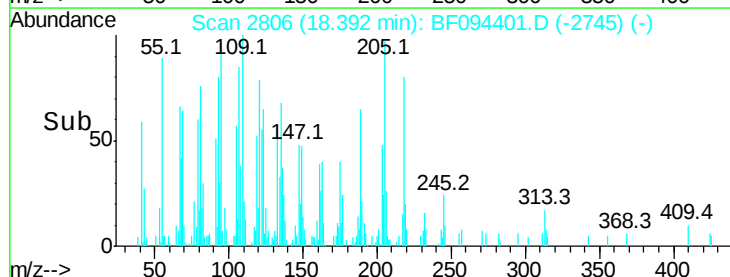


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->

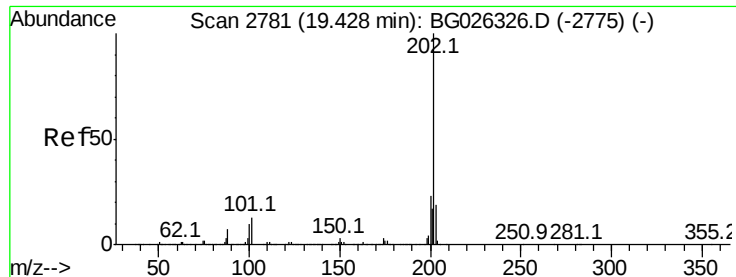


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

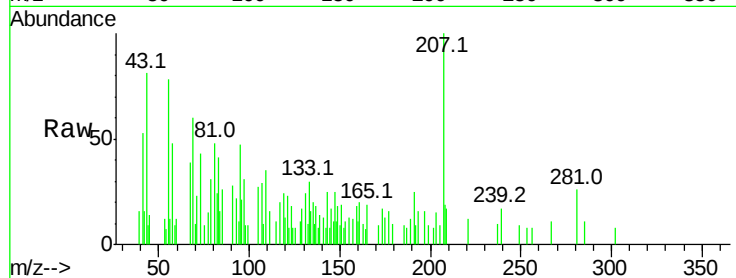
Time-->



#74
 Fluoranthene
 Concen: 7.92 ng
 RT: 19.45 min Scan# 2986
 Delta R.T. 0.02 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	0.0	0.0	30.1	
203	182.7	1.3	41.3	

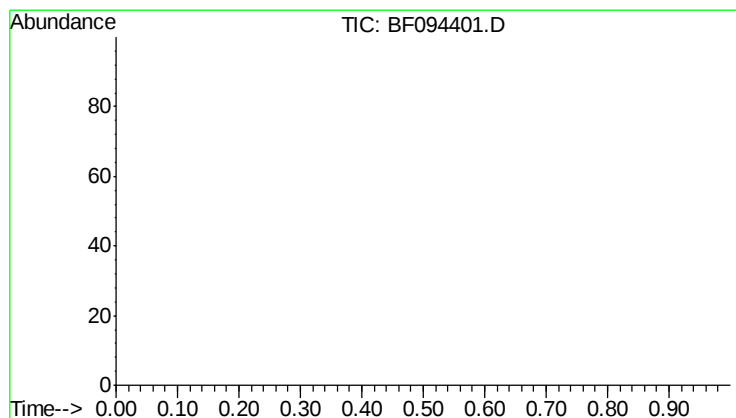
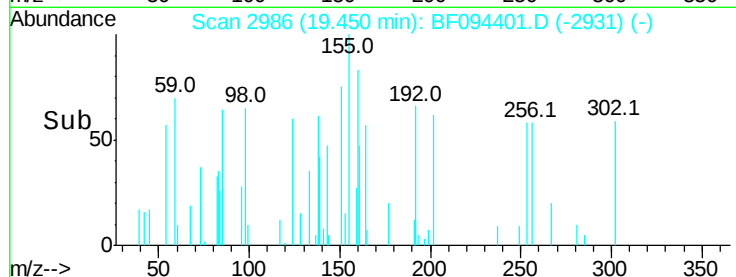
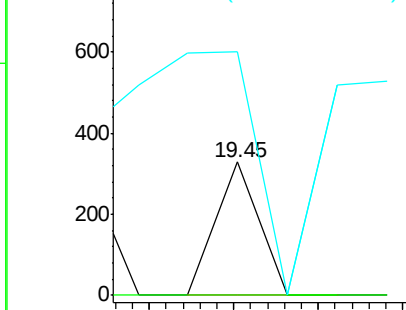


Abundance

Ion 202.00 (201.70 to 202.70): E

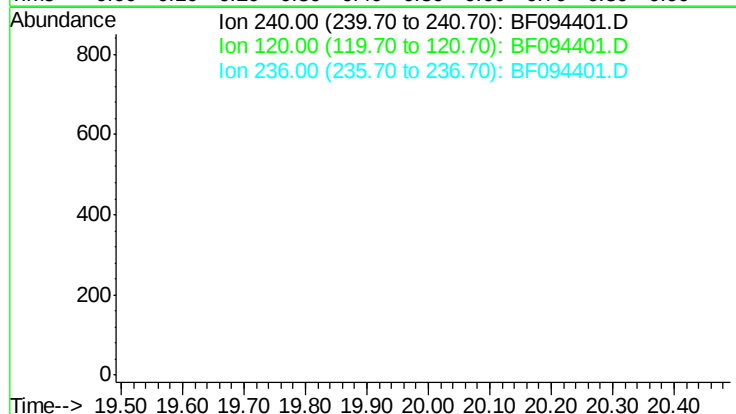
Ion 101.00 (100.70 to 101.70): E

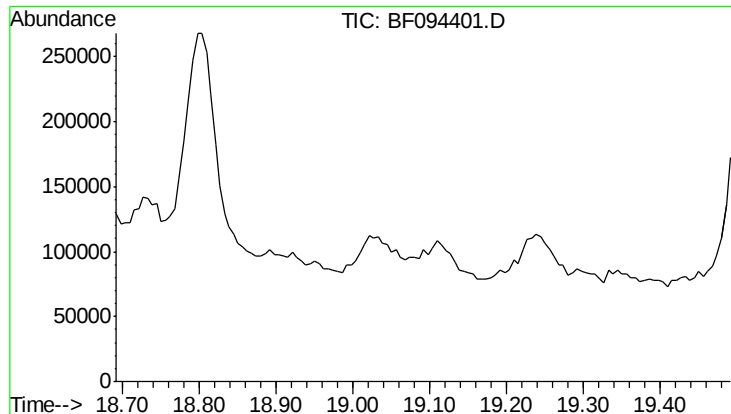
Ion 203.00 (202.70 to 203.70): E



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 21.64 min
 Lab File: BF094401.D
 Acq: 13 Apr 2017 20:12

Tgt Ion	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: BF094401.D

Acq: 13 Apr 2017 20:12

Tot Ion: 244

Sig Exp Ratio

244 100

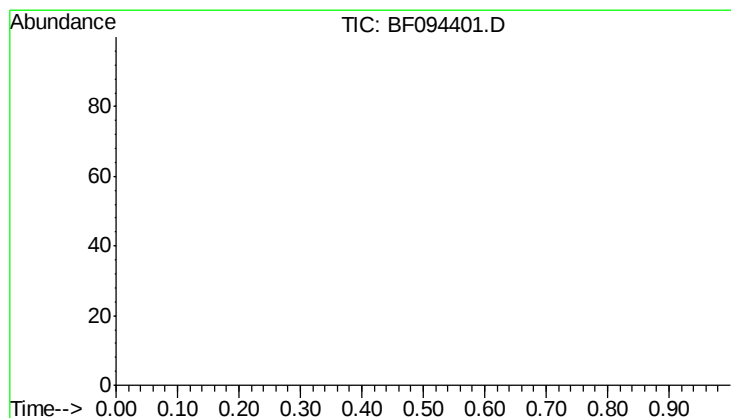
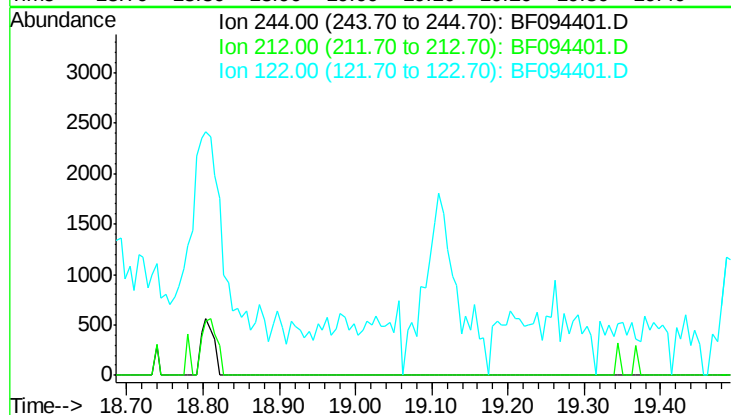
212 12.5

122 10.7

Instrument :

BNA_F

ClientSampleId :



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 24.82 min

Lab File: BF094401.D

Acq: 13 Apr 2017 20:12

Tgt Ion: 264

Sig Exp Ratio

264 100

260 27.3

265 22.8

