

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094394.D
 Acq On : 13 Apr 2017 17:01
 Operator : SJ/MA
 Sample : PB98229BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

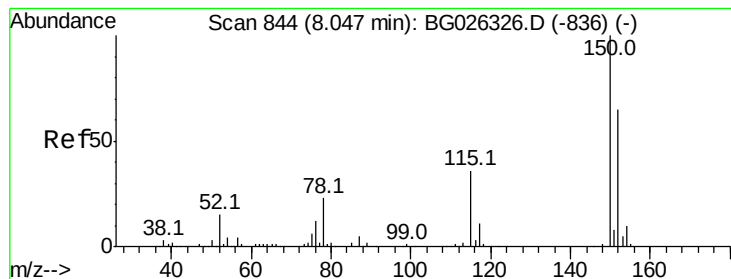
Quant Time: Apr 14 00:45:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	603476	20.00	ng	0.07
21) Naphthalene-d8	10.94	136	6026	20.00	ng	0.09
38) Acenaphthene-d10	14.78	164	11186	20.00	ng	0.12
63) Phenanthrene-d10	17.43	188	748	20.00	ng	0.04
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	5.72	112	18044	0.53	ng	0.11
7) Phenol-d6	7.32	99	8422	0.18	ng	0.11
23) Nitrobenzene-d5	9.43	82	27072	270.13	ng	0.22
41) 2,4,6-Tribromophenol	16.44	330	371	2.90	ng	0.31
44) 2-Fluorobiphenyl	13.23	172	4743	5.95	ng	-0.06
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds						Qvalue
22) Acetophenone	8.89	105	2145	15.48	ng	# 1
24) Nitrobenzene	9.36	77	6466	65.34	ng	# 1
25) Isophorone	9.66	82	6119	32.39	ng	# 71
26) 2-Nitrophenol	10.10	139	100034	1942.81	ng	# 39
27) 2,4-Dimethylphenol	10.11	122	2629	31.11	ng	# 6
28) bis(2-Chloroethoxy)methane	10.26	93	7096	57.83	ng	# 50
30) 1,2,4-Trichlorobenzene	10.78	180	1742	18.14	ng	# 1
32) Benzoic acid	10.19	122	7083	108.91	ng	# 1
33) 4-Chloroaniline	11.28	127	6613	53.36	ng	# 69
36) 4-Chloro-3-methylphenol	12.00	107	1093	11.95	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	3179	9.45	ng	# 1
42) 2,4,6-Trichlorophenol	13.23	196	5610	25.46	ng	# 1
43) 2,4,5-Trichlorophenol	13.23	196	5610	23.03	ng	# 1
47) 2-Nitroaniline	13.84	65	77617	403.39	ng	# 44
48) Acenaphthylene	14.53	152	6321	5.36	ng	# 1
49) Dimethylphthalate	14.49	163	7203	8.53	ng	# 56
50) 2,6-Dinitrotoluene	14.46	165	4229	21.46	ng	# 1
51) Acenaphthene	14.78	154	1678	2.31	ng	# 7
52) 3-Nitroaniline	14.78	138	31199	143.79	ng	# 1
53) 2,4-Dinitrophenol	14.78	184	1081	9.46	ng	# 1
55) 4-Nitrophenol	14.99	139	894	5.03	ng	# 21
56) 2,4-Dinitrotoluene	15.13	165	662	2.39	ng	# 1
59) Diethylphthalate	15.31	149	1086845	1259.41	ng	# 64
64) 4,6-Dinitro-2-methylphenol	15.75	198	5777	1225.01	ng	# 84
65) n-Nitrosodiphenylamine	16.04	169	131	5.97	ng	# 23
72) Carbazole	17.83	167	169	4.01	ng	# 55
73) Di-n-butylphthalate	18.32	149	142	3.28	ng	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.07 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampled :

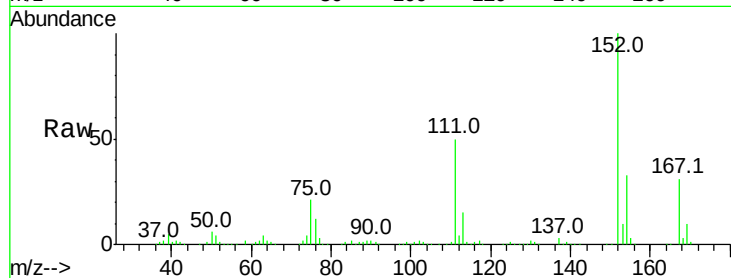
Tot Ion:152 Resp: 603476

Ion Ratio Lower Upper

152 100

150 0.2 114.0 171.0#

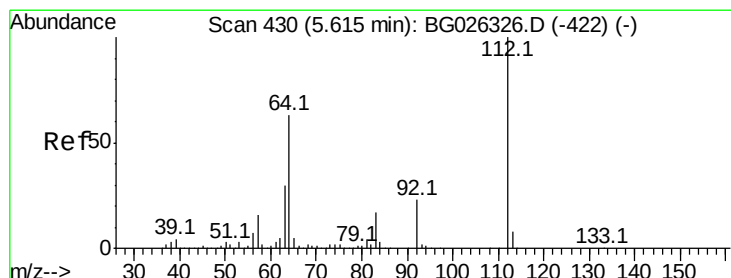
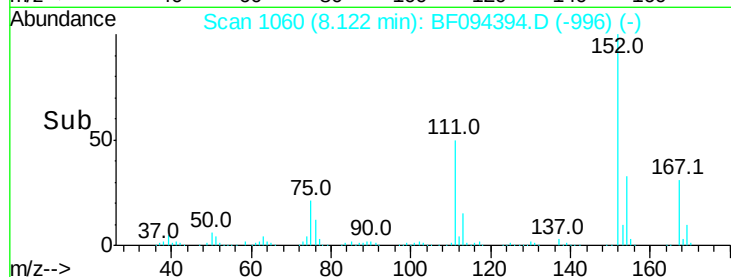
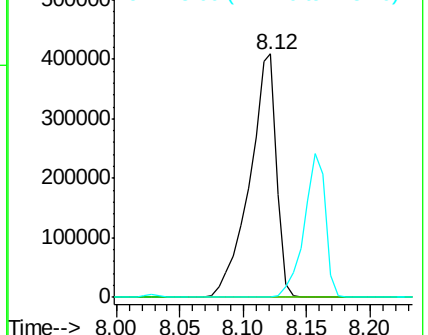
115 0.2 48.1 72.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 0.53 ng

RT: 5.72 min Scan# 652

Delta R.T. 0.11 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

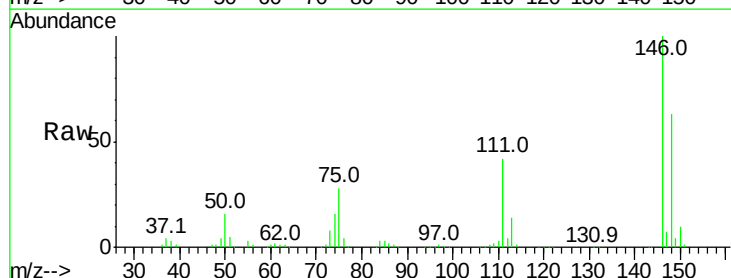
Tgt Ion:112 Resp: 18044

Ion Ratio Lower Upper

112 100

64 2.6 61.8 92.6#

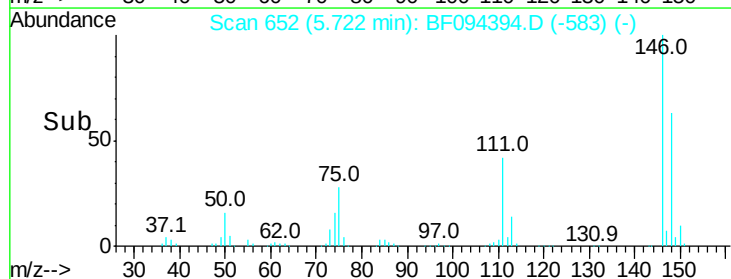
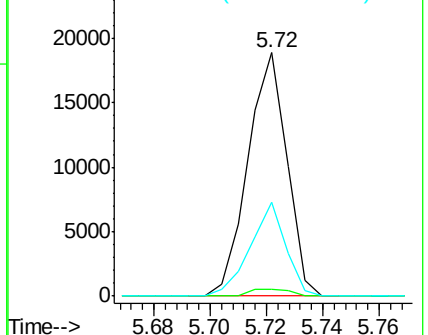
63 38.4 37.2 55.8

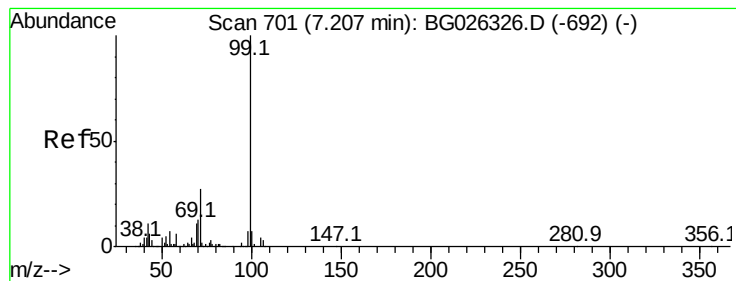


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.18 ng

RT: 7.32 min Scan# 923

Delta R.T. 0.11 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

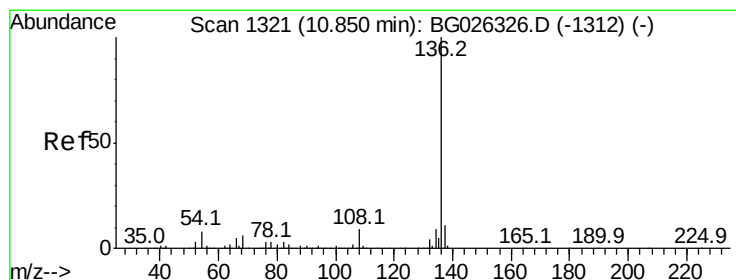
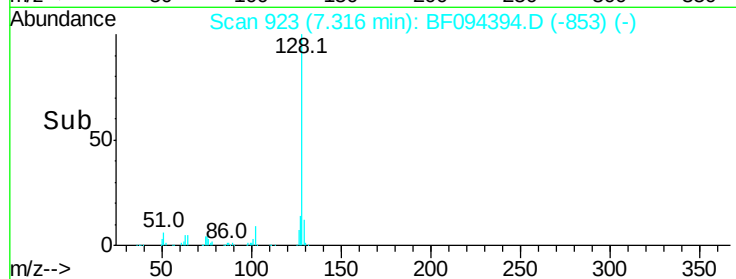
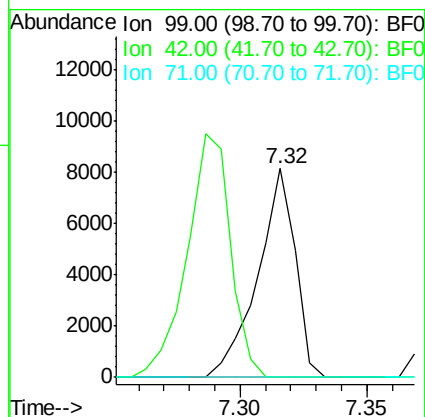
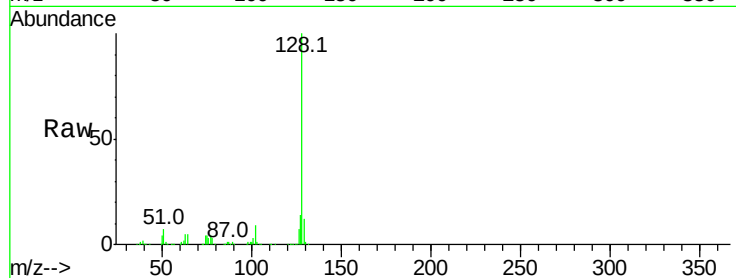
Tot Ion: 99 Resp: 8422

Ion Ratio Lower Upper

99 100

42 0.0 20.5 30.7#

71 0.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1539

Delta R.T. 0.09 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion: 136 Resp: 6026

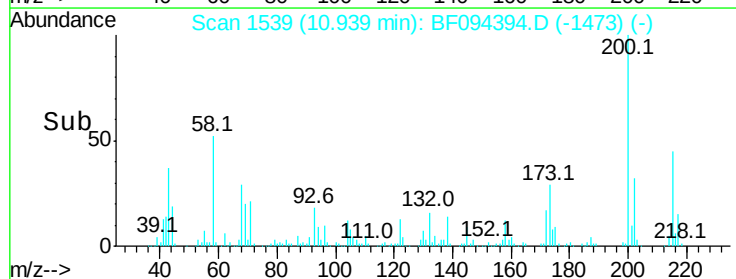
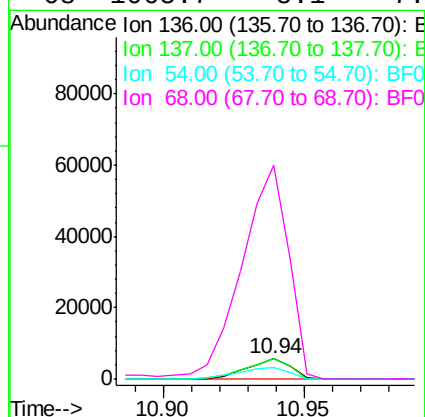
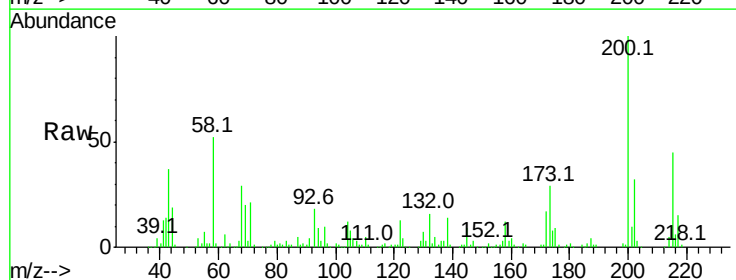
Ion Ratio Lower Upper

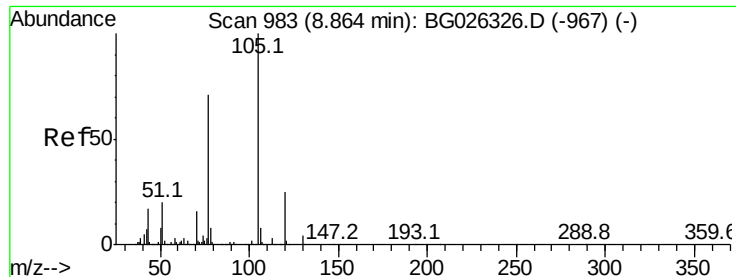
136 100

137 102.1 8.9 13.3#

54 57.4 9.3 13.9#

68 1065.7 5.1 7.7#





#22

Acetophenone

Concen: 15.48 ng

RT: 8.89 min Scan# 1190

Delta R.T. 0.02 min

Lab File: BF094394.D

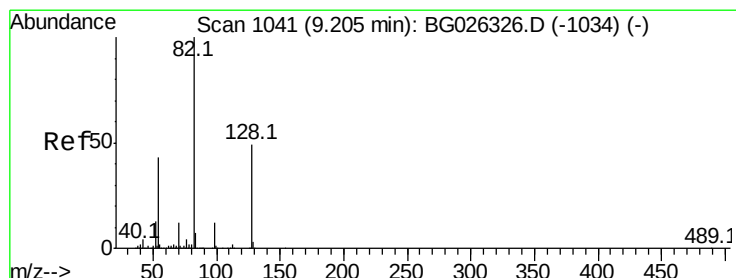
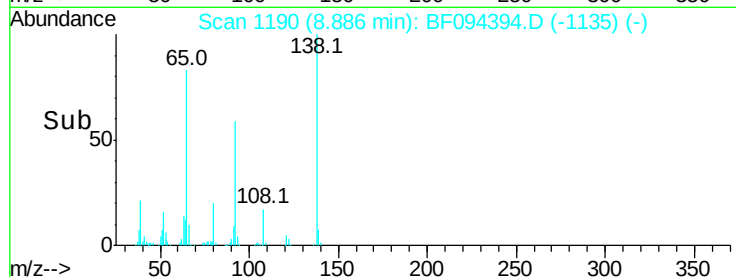
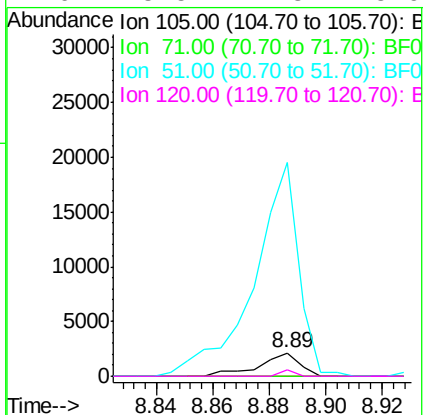
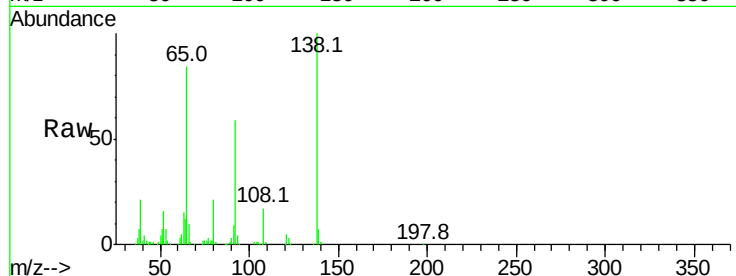
Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	2145
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.9	1.3#
51	922.1	34.0	51.0#
120	28.5	17.3	25.9#



#23

Nitrobenzene-d5

Concen: 270.13 ng

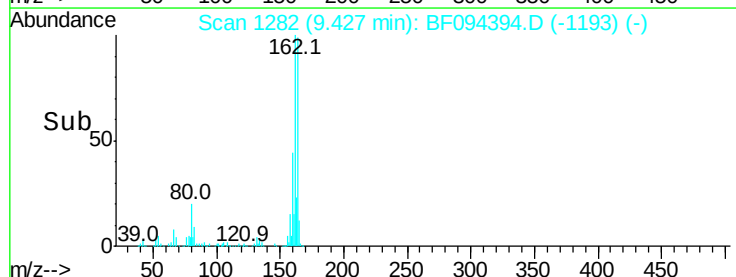
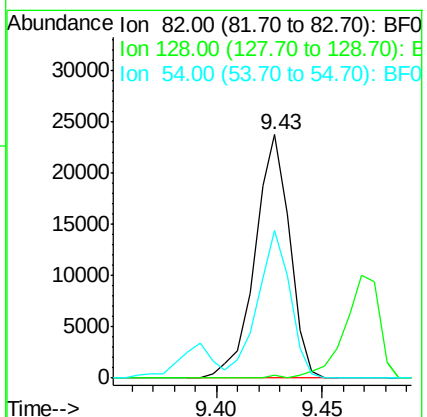
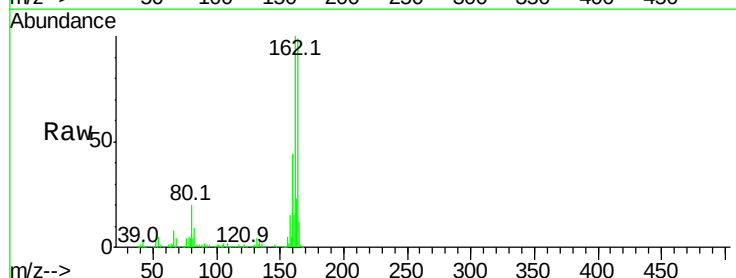
RT: 9.43 min Scan# 1282

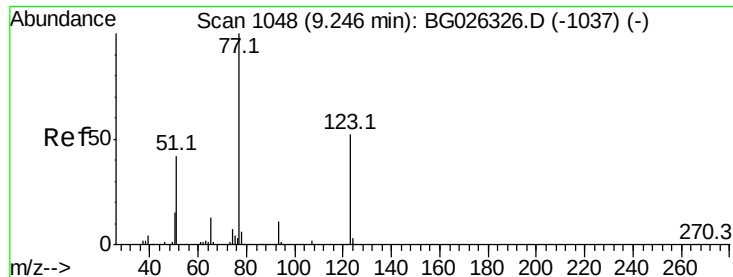
Delta R.T. 0.22 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:	82	Resp:	27072
Ion Ratio	Lower	Upper	
82	100		
128	1.3	26.4	39.6#
54	60.8	49.4	74.2





#24

Nitrobenzene

Concen: 65.34 ng

RT: 9.36 min Scan# 1271

Delta R.T. 0.12 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampled :

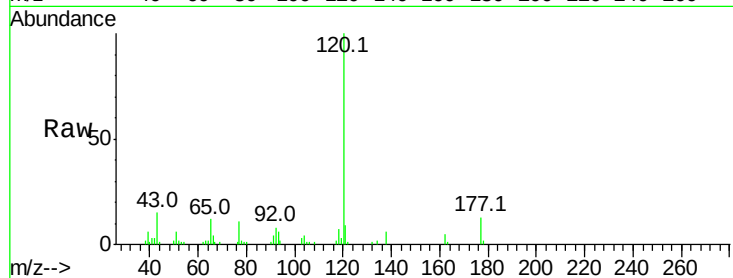
Tot Ion: 77 Resp: 6466

Ion Ratio Lower Upper

77 100

123 0.0 26.1 39.1#

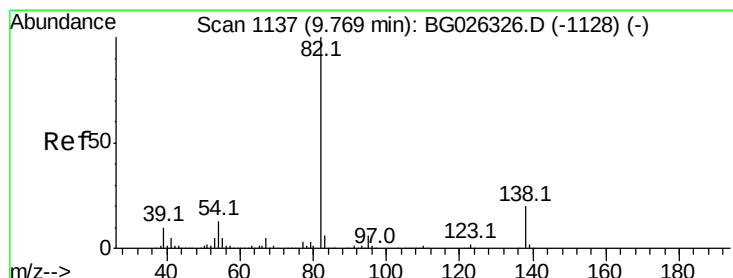
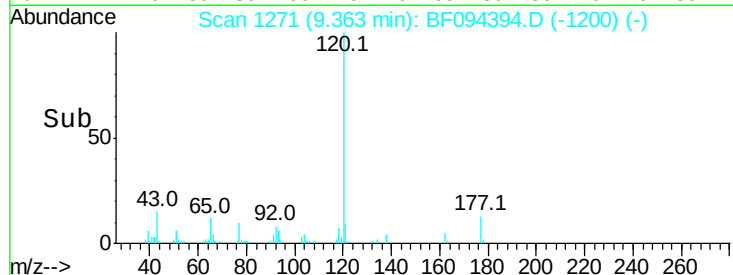
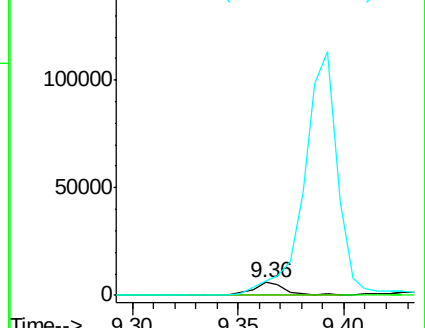
65 116.5 12.4 18.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 32.39 ng

RT: 9.66 min Scan# 1322

Delta R.T. -0.11 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

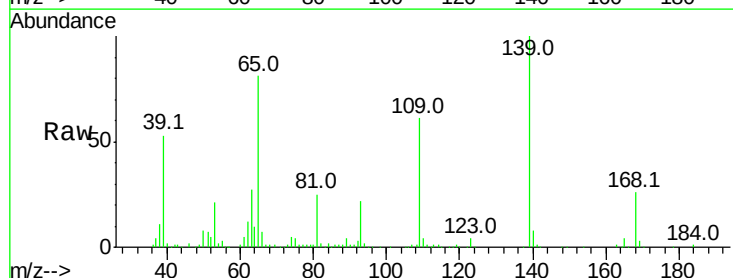
Tgt Ion: 82 Resp: 6119

Ion Ratio Lower Upper

82 100

95 15.1 7.5 11.3#

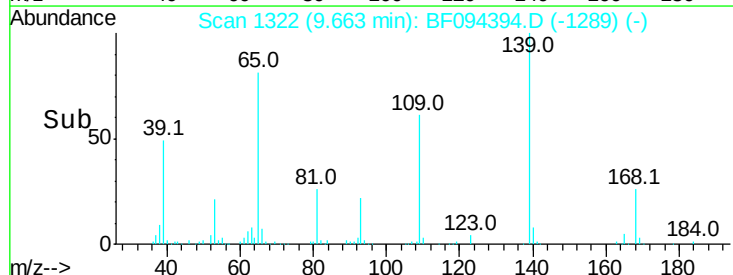
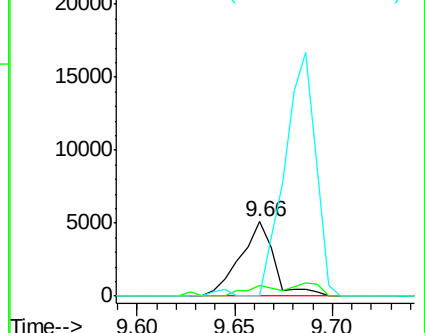
138 0.0 12.3 18.5#

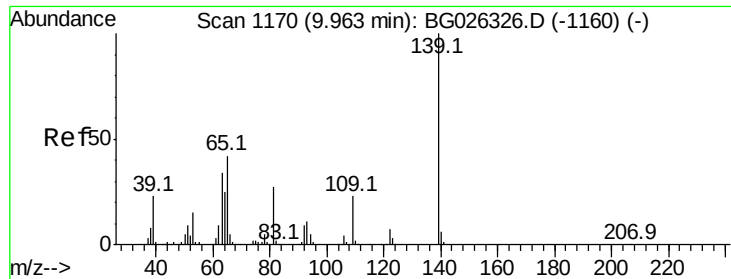


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 1942.81 ng

RT: 10.10 min Scan# 1397

Delta R.T. 0.14 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampled :

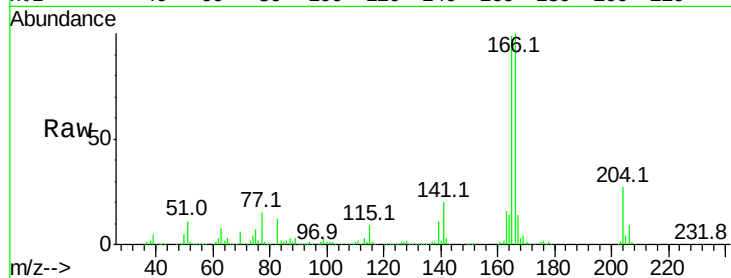
Tot Ion:139 Resp: 100034

Ion Ratio Lower Upper

139 100

109 2.5 38.6 58.0#

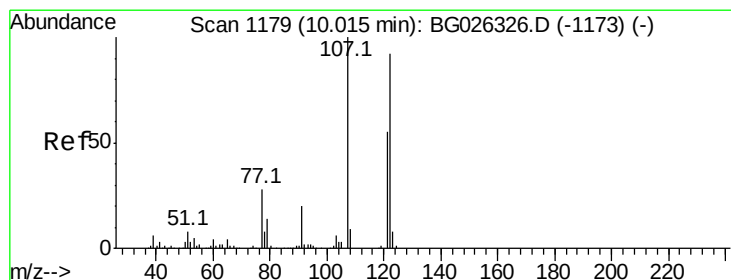
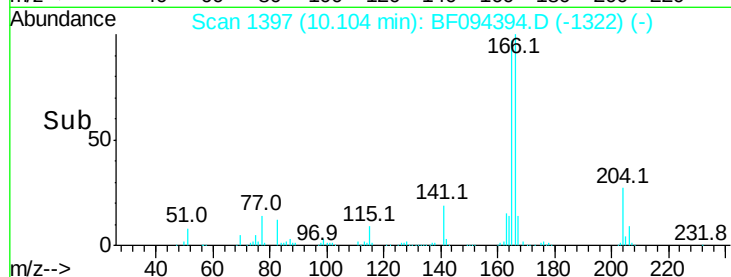
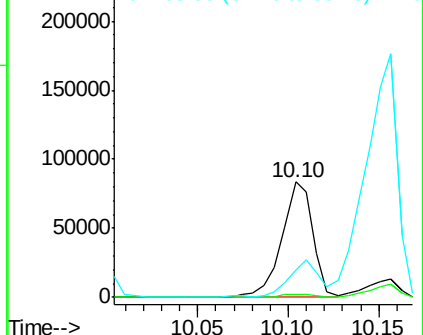
65 23.9 57.1 85.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 31.11 ng

RT: 10.11 min Scan# 1398

Delta R.T. 0.09 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

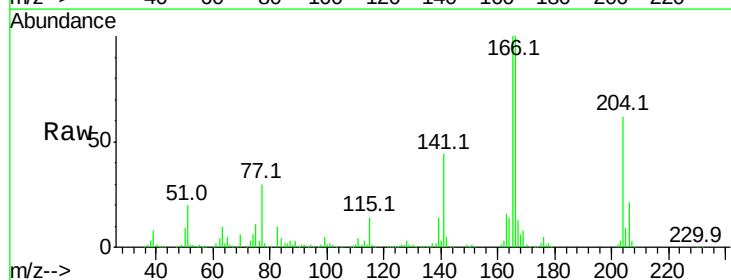
Tgt Ion:122 Resp: 2629

Ion Ratio Lower Upper

122 100

107 0.0 104.2 156.4#

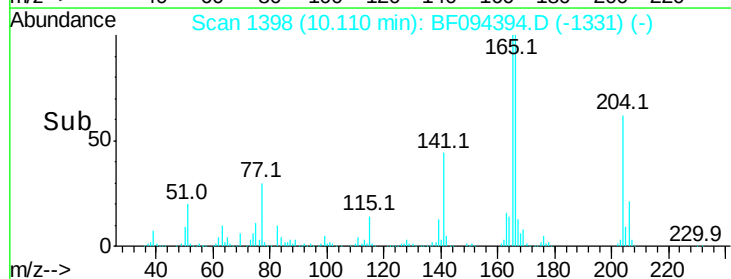
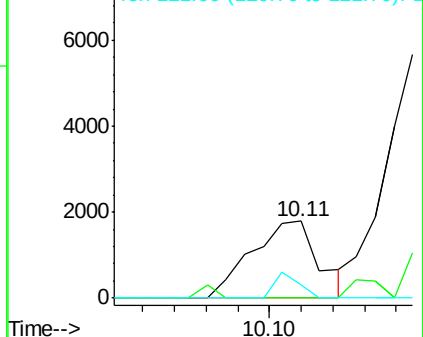
121 17.8 46.0 69.0#

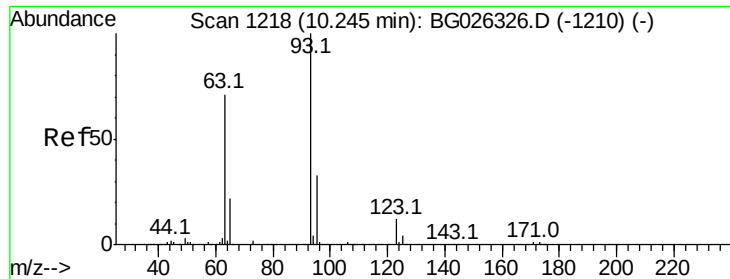


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

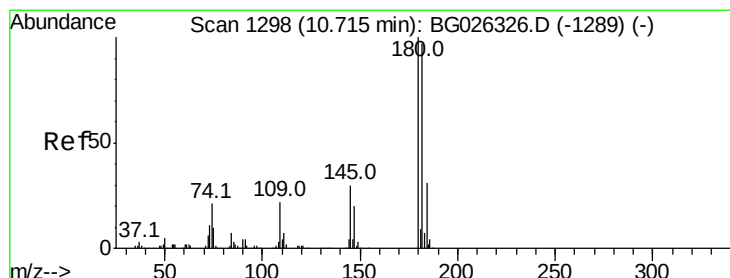
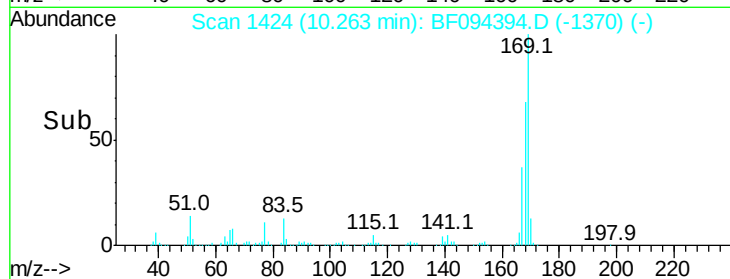
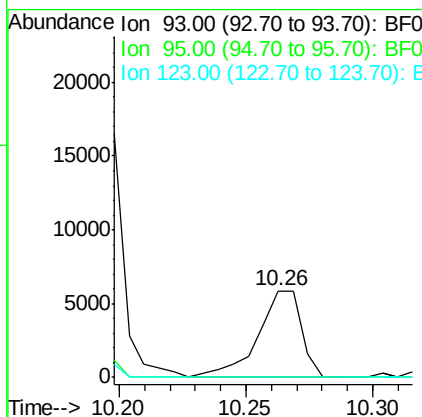
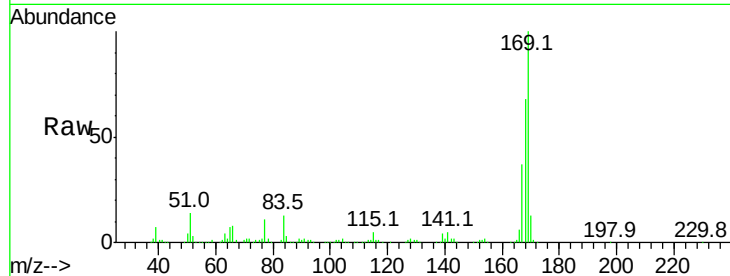




#28
bis(2-Chloroethoxy)methane
Concen: 57.83 ng
RT: 10.26 min Scan# 1424
Delta R.T. 0.02 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

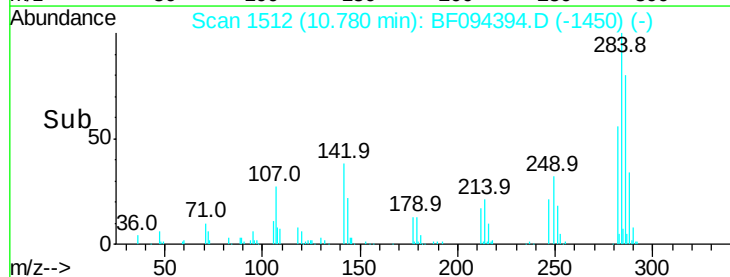
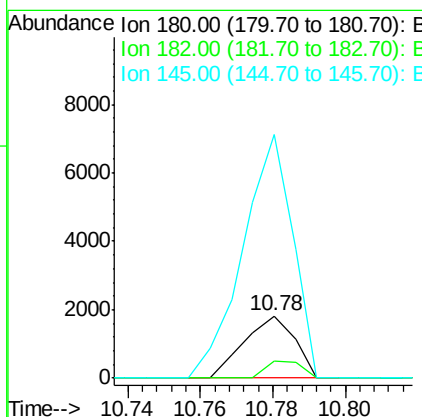
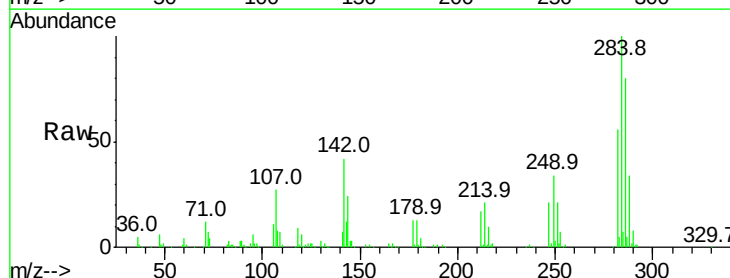
Instrument :
BNA_F
ClientSampleId :

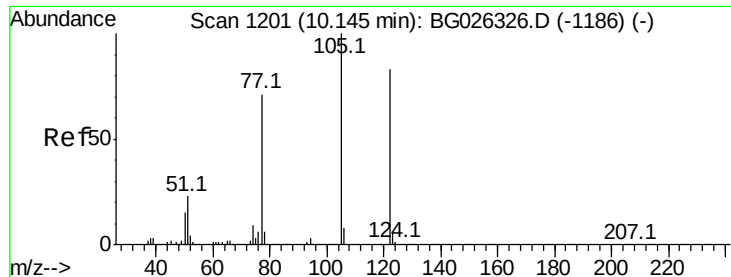
Tot Ion: 93 Resp: 7096
Ion Ratio Lower Upper
93 100
95 0.0 25.7 38.5#
123 0.0 8.3 12.5#



#30
1,2,4-Trichlorobenzene
Concen: 18.14 ng
RT: 10.78 min Scan# 1512
Delta R.T. 0.07 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion:180 Resp: 1742
Ion Ratio Lower Upper
180 100
182 28.3 77.0 115.4#
145 392.3 23.4 35.0#

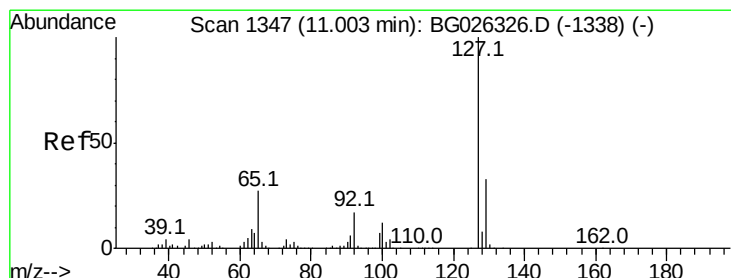
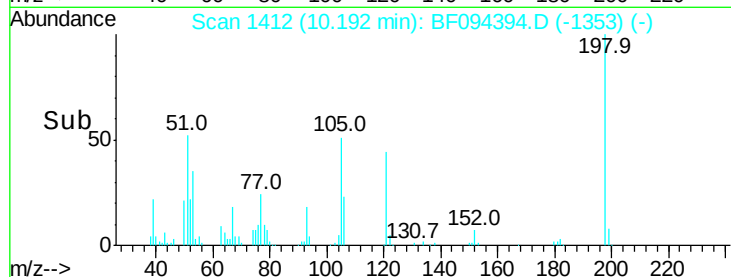
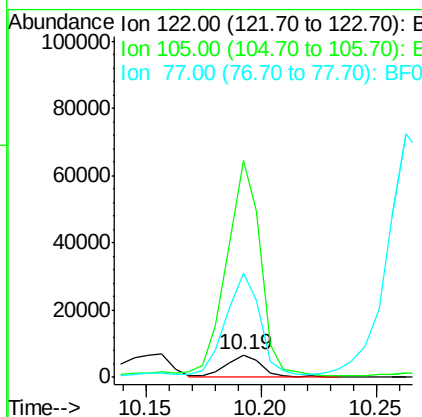
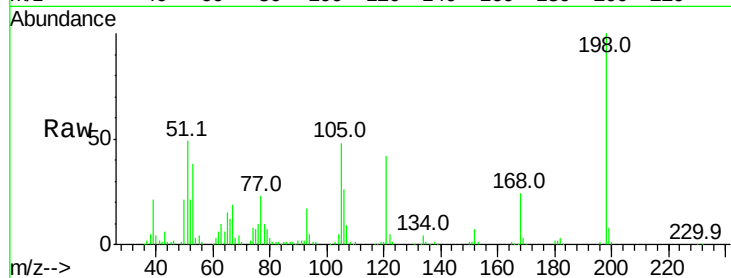




#32
Benzoic acid
Concen: 108.91 ng
RT: 10.19 min Scan# 1412
Delta R.T. 0.05 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

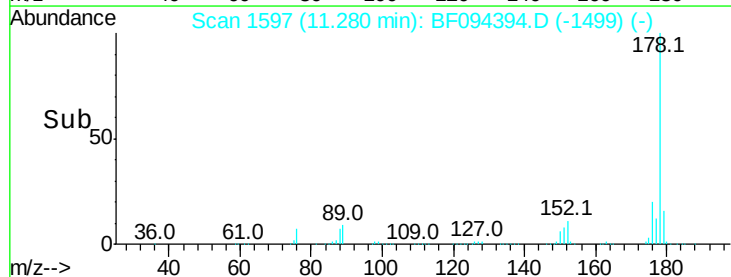
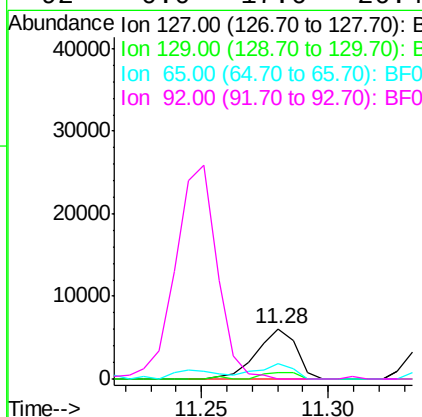
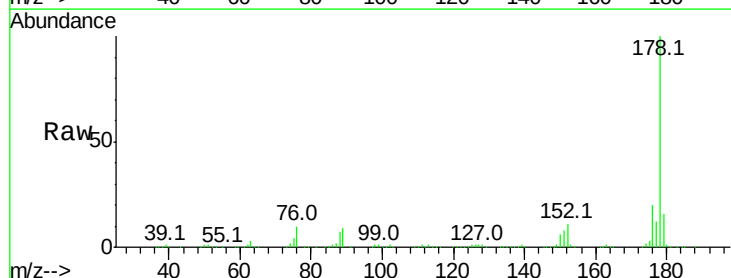
Instrument :
BNA_F
ClientSampleId :

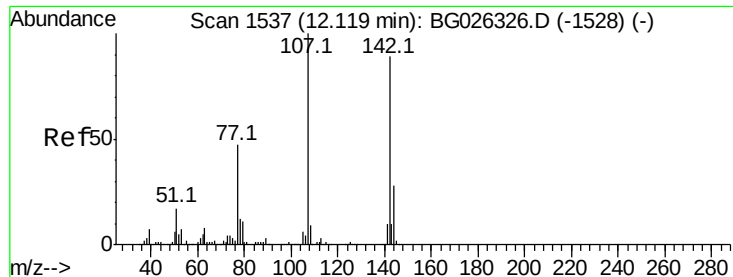
Tot Ion:122 Resp: 7083
Ion Ratio Lower Upper
122 100
105 959.5 120.1 160.1#
77 464.9 104.6 144.6#



#33
4-Chloroaniline
Concen: 53.36 ng
RT: 11.28 min Scan# 1597
Delta R.T. 0.28 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion:127 Resp: 6613
Ion Ratio Lower Upper
127 100
129 12.8 23.6 35.4#
65 30.7 37.7 56.5#
92 0.0 17.6 26.4#

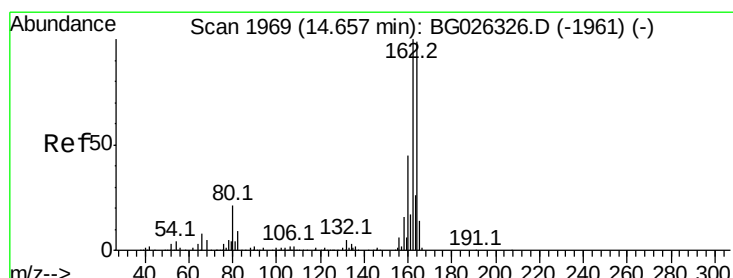
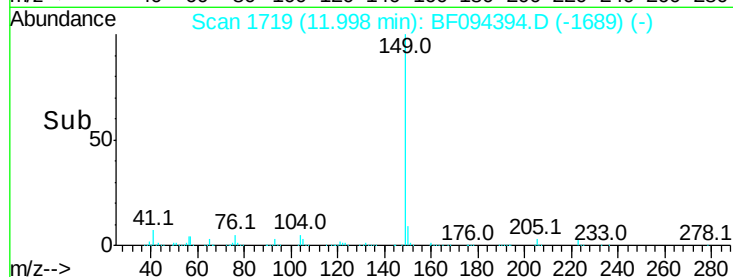
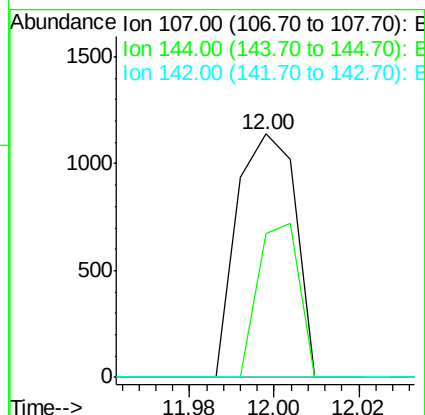
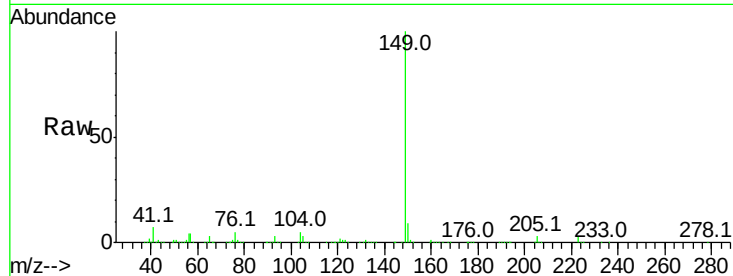




#36
 4-Chloro-3-methylphenol
 Concen: 11.95 ng
 RT: 12.00 min Scan# 1719
 Delta R.T. -0.12 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

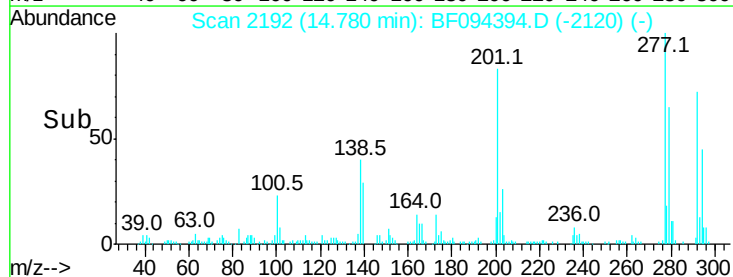
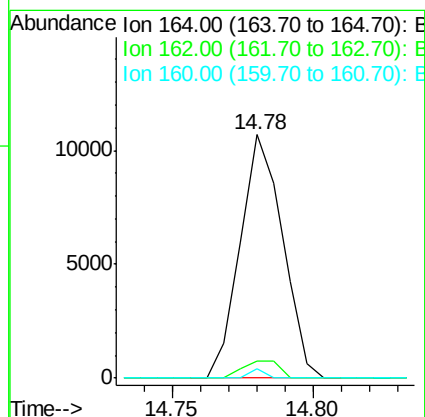
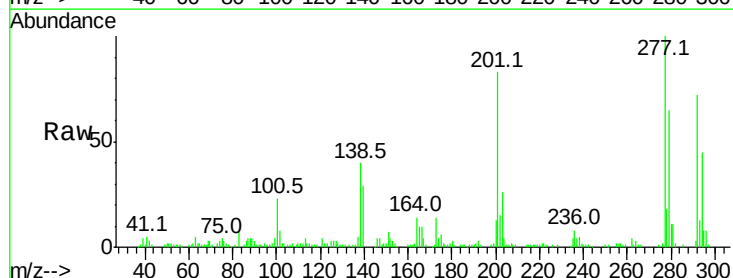
Instrument :
 BNA_F
 ClientSampleId :

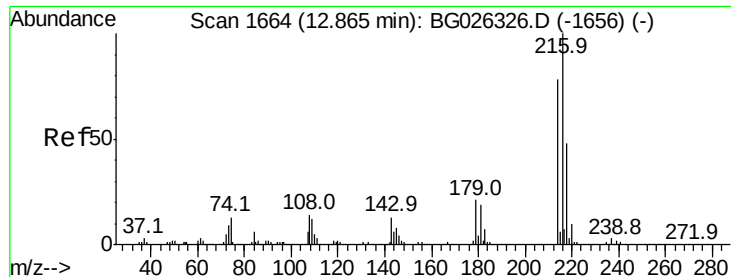
Tot Ion:107 Resp: 1093
 Ion Ratio Lower Upper
 107 100
 144 59.1 17.4 26.0#
 142 0.0 54.1 81.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2192
 Delta R.T. 0.12 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion:164 Resp: 11186
 Ion Ratio Lower Upper
 164 100
 162 6.7 85.1 127.7#
 160 3.8 34.7 52.1#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.45 ng

RT: 13.23 min Scan# 1928

Delta R.T. 0.36 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 3179

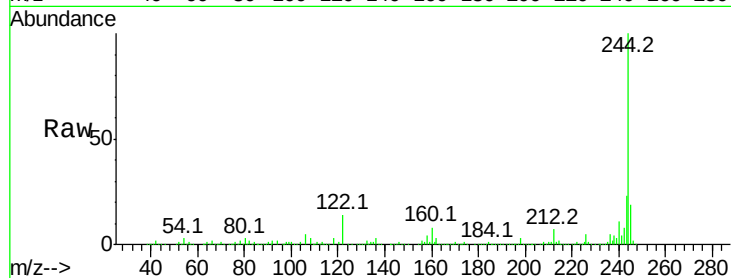
Ion Ratio Lower Upper

216 100

214 685.1 64.4 96.6#

179 3.9 17.4 26.0#

108 1145.5 15.6 23.4#

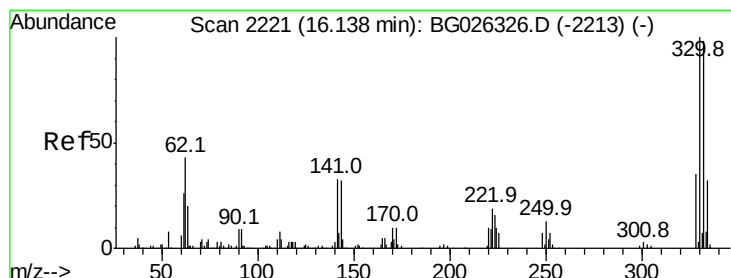
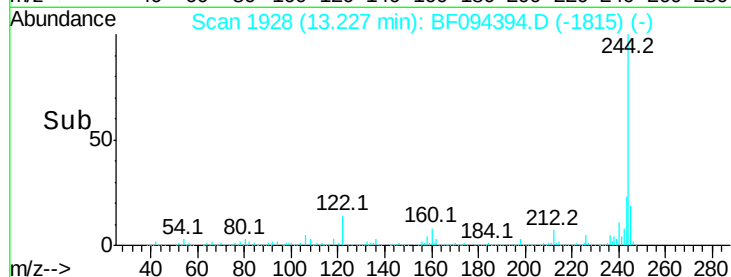
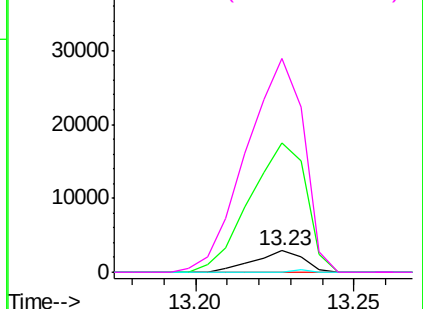


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 2.90 ng

RT: 16.44 min Scan# 2475

Delta R.T. 0.31 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

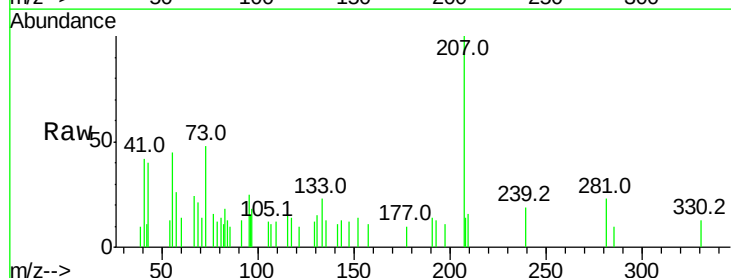
Tgt Ion:330 Resp: 371

Ion Ratio Lower Upper

330 100

332 0.0 77.3 115.9#

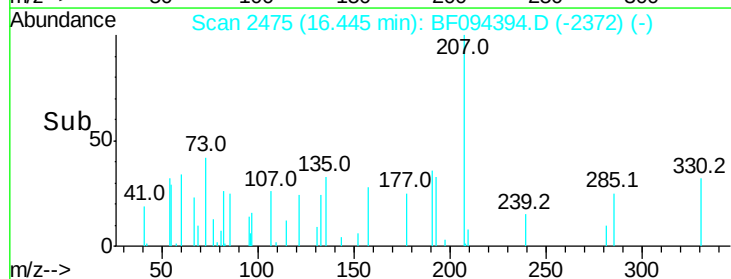
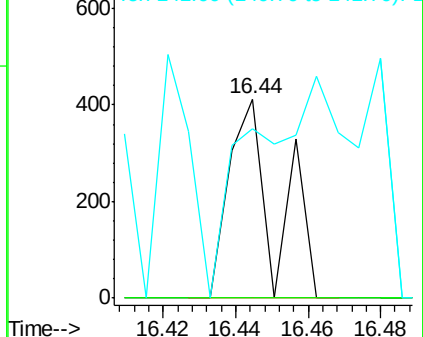
141 0.0 32.1 48.1#

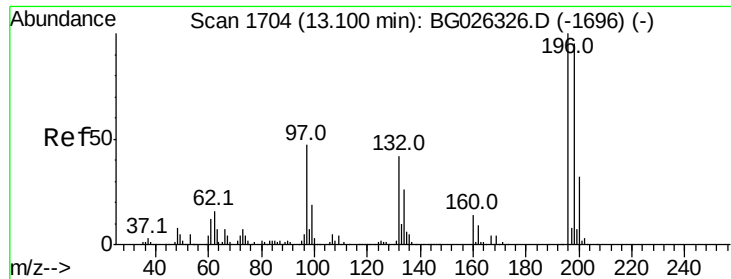


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 25.46 ng

RT: 13.23 min Scan# 1928

Delta R.T. 0.13 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

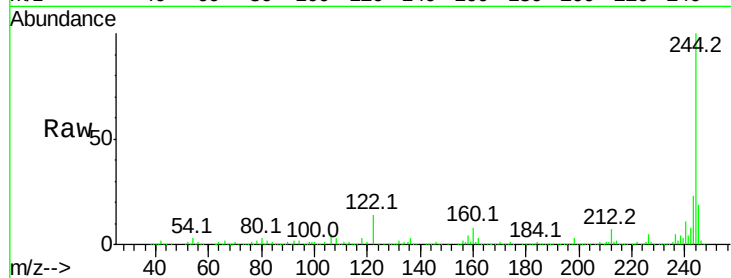
Tot Ion:196 Resp: 5610

Ion Ratio Lower Upper

196 100

198 599.2 81.4 122.2#

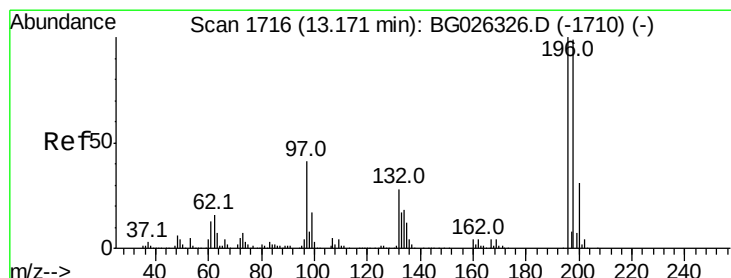
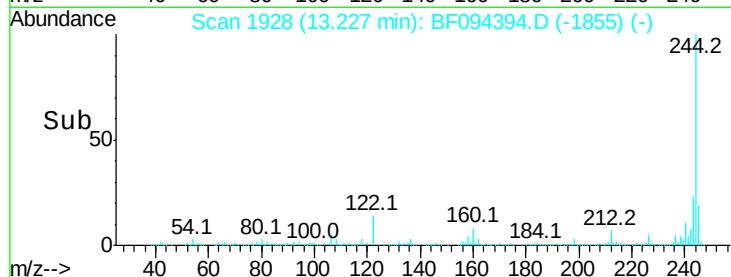
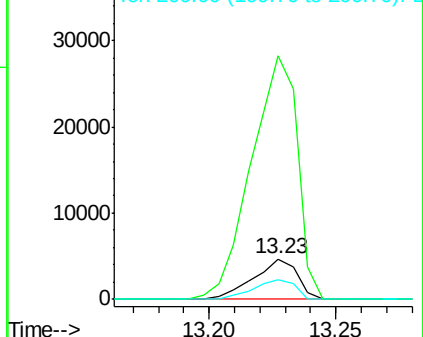
200 49.6 27.0 40.6#



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: 23.03 ng

RT: 13.23 min Scan# 1928

Delta R.T. 0.06 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Tgt Ion:196 Resp: 5610

Ion Ratio Lower Upper

196 100

198 599.2 79.9 119.9#

97 73.8 45.4 68.0#

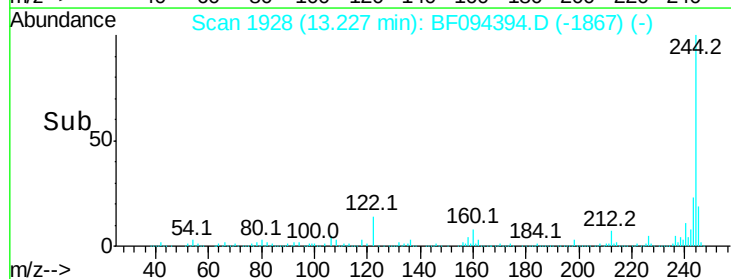
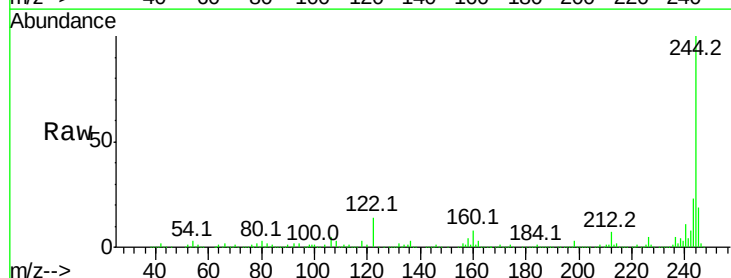
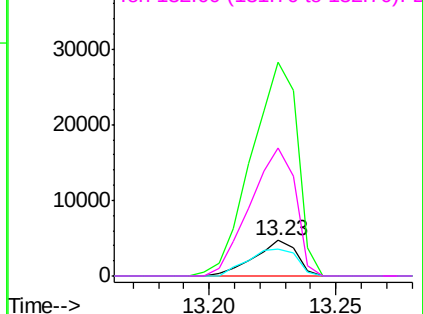
132 359.8 20.7 31.1#

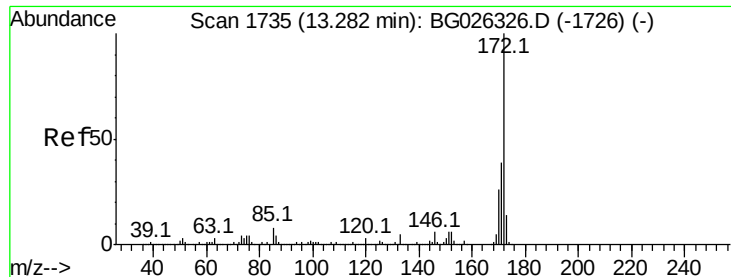
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

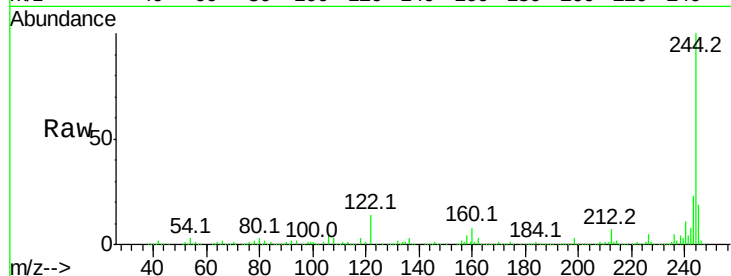




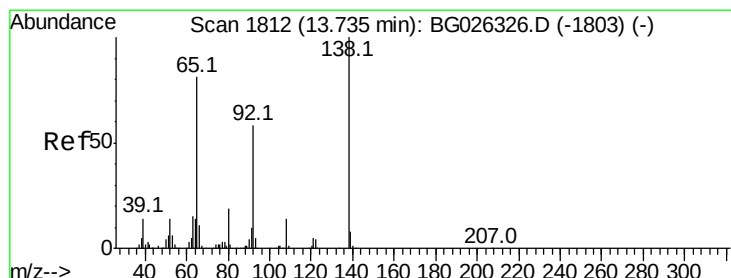
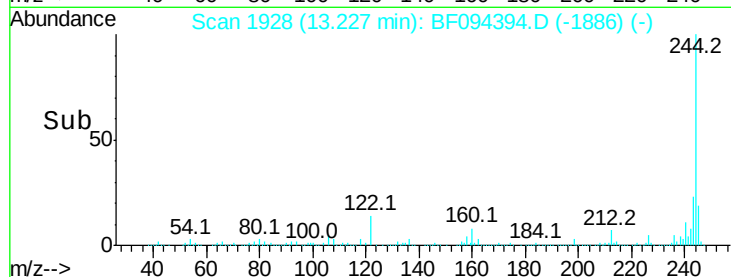
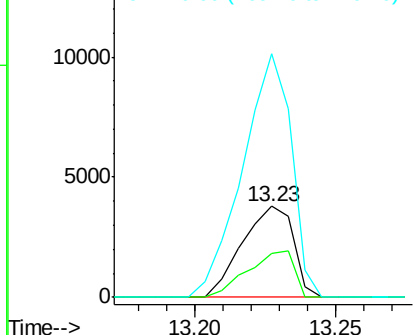
#44
2-Fluorobiphenyl
Concen: 5.95 ng
RT: 13.23 min Scan# 1928
Delta R.T. -0.06 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4743
Ion Ratio Lower Upper
172 100
171 48.2 32.2 48.2
170 267.3 21.8 32.6#

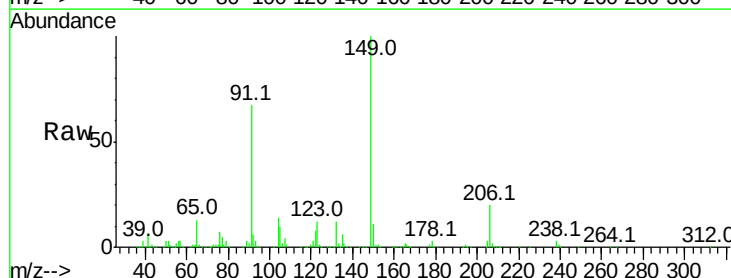


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

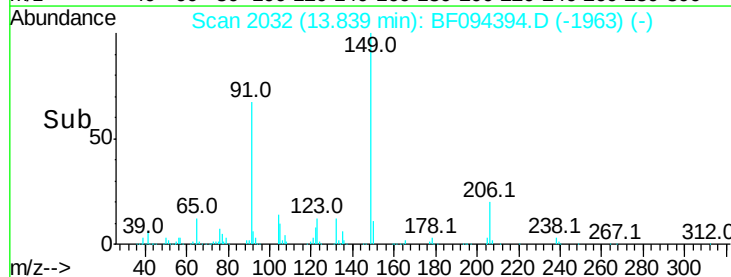
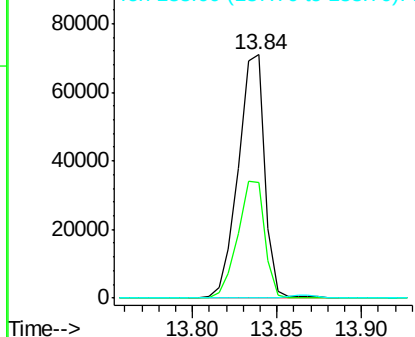


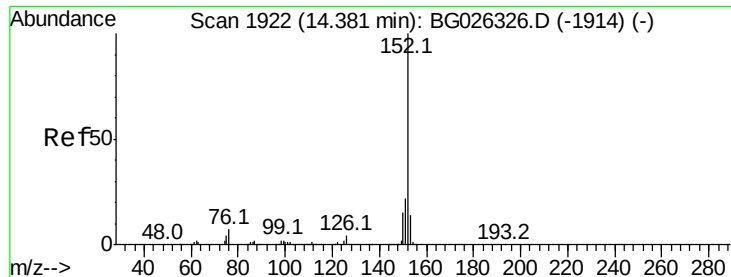
#47
2-Nitroaniline
Concen: 403.39 ng
RT: 13.84 min Scan# 2032
Delta R.T. 0.10 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion: 65 Resp: 77617
Ion Ratio Lower Upper
65 100
92 47.3 49.0 73.4#
138 0.0 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 5.36 ng

RT: 14.53 min Scan# 2150

Delta R.T. 0.15 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

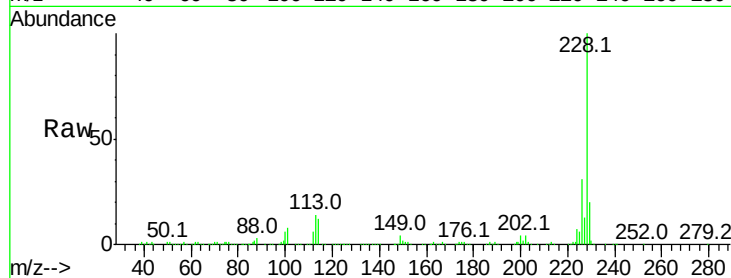
Tot Ion:152 Resp: 6321

Ion Ratio Lower Upper

152 100

151 132.7 18.2 27.2#

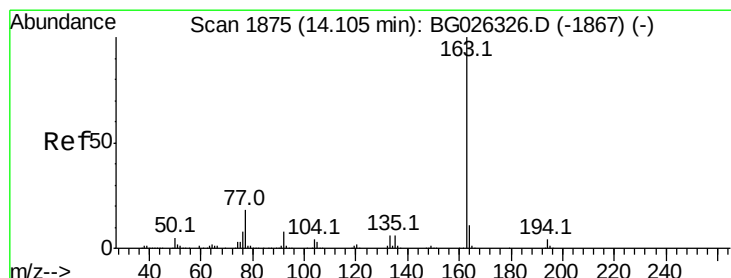
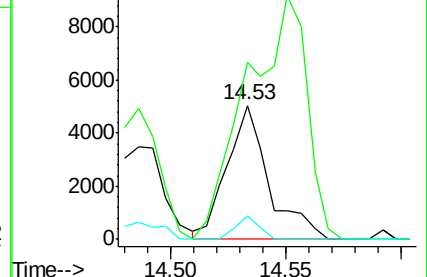
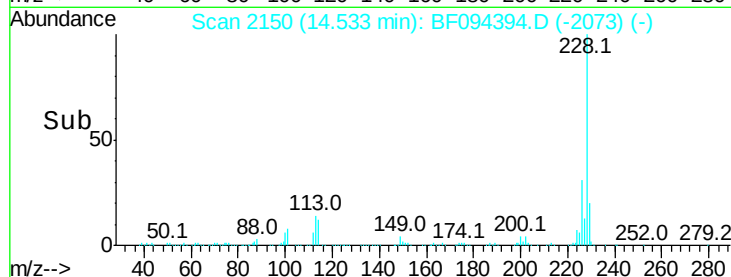
153 17.3 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.53 ng

RT: 14.49 min Scan# 2142

Delta R.T. 0.38 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

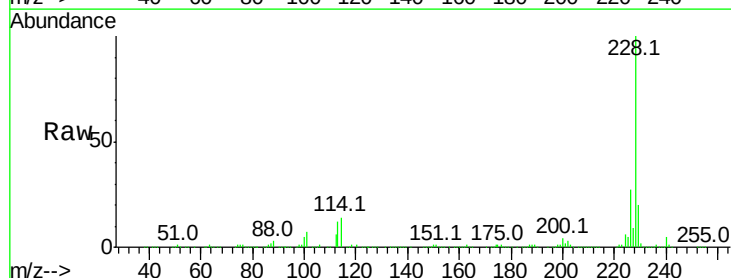
Tgt Ion:163 Resp: 7203

Ion Ratio Lower Upper

163 100

194 13.4 3.8 5.6#

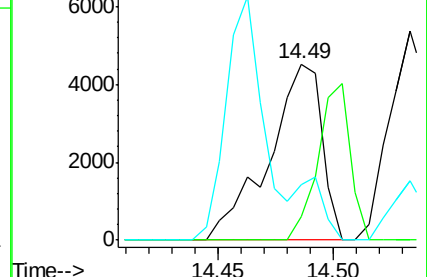
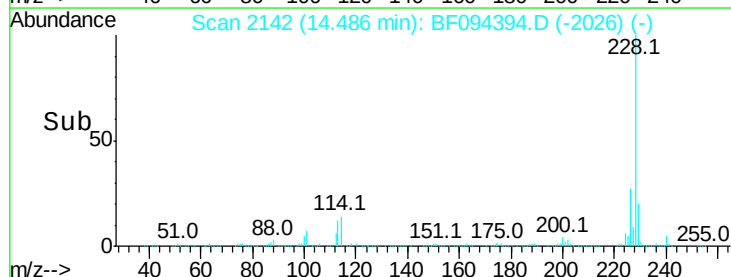
164 31.3 9.3 13.9#

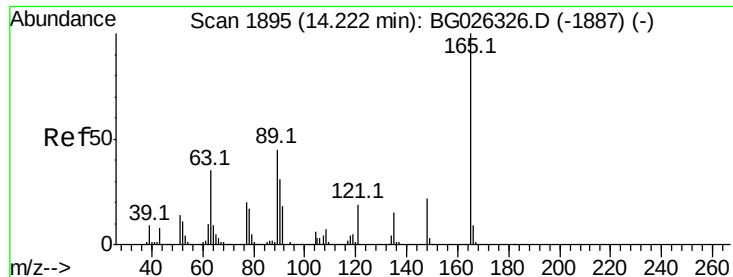


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

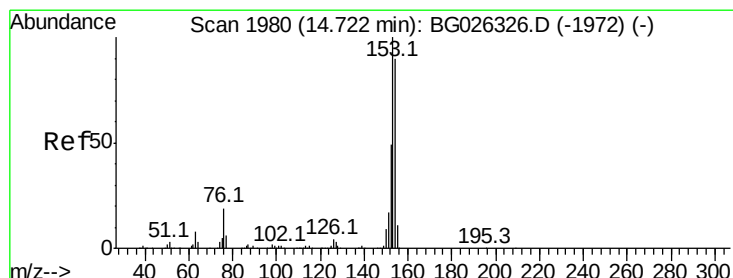
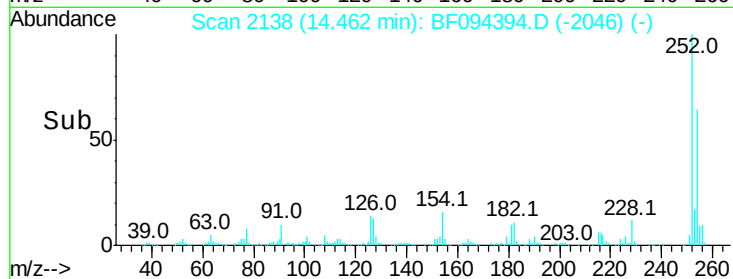
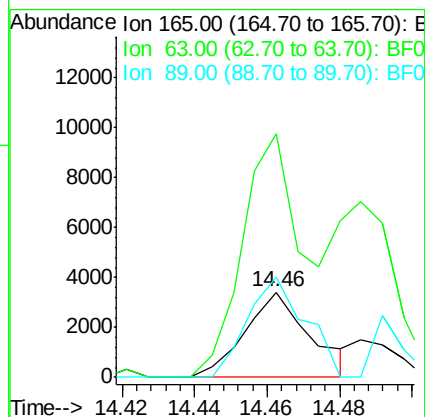
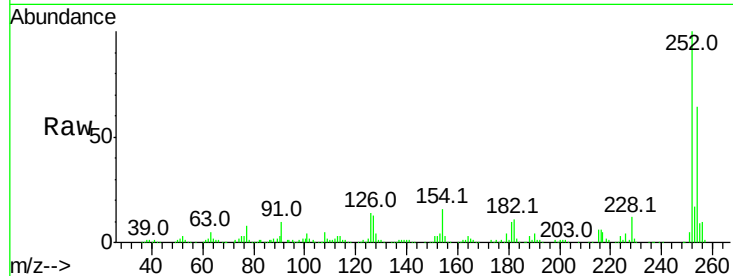




#50
 2,6-Dinitrotoluene
 Concen: 21.46 ng
 RT: 14.46 min Scan# 2138
 Delta R.T. 0.24 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

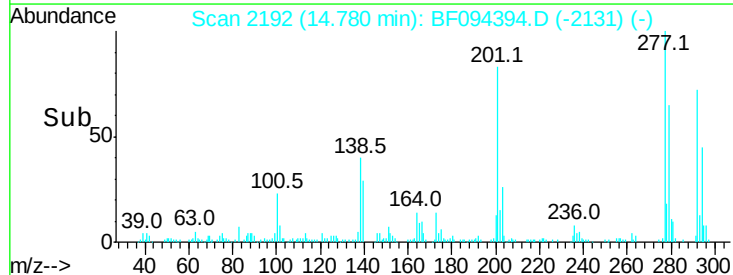
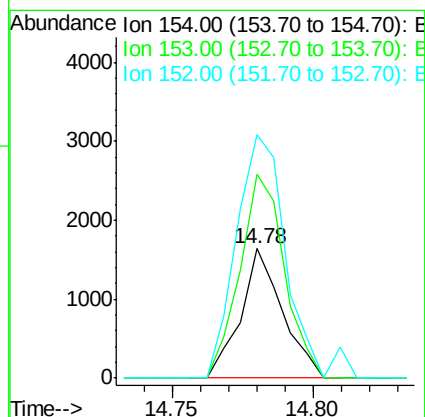
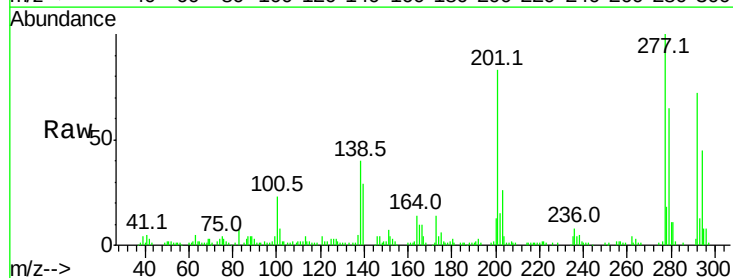
Instrument :
 BNA_F
 ClientSampleId :

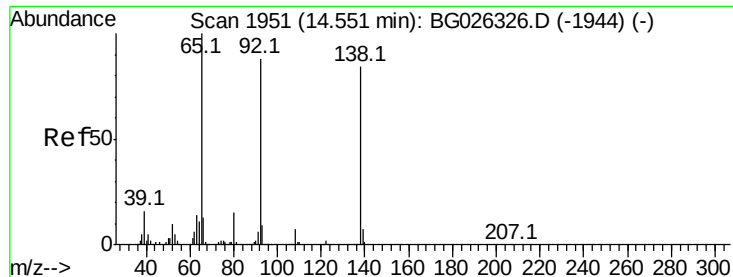
Tot Ion:165 Resp: 4229
 Ion Ratio Lower Upper
 165 100
 63 286.6 63.9 95.9#
 89 117.5 58.6 88.0#



#51
 Acenaphthene
 Concen: 2.31 ng
 RT: 14.78 min Scan# 2192
 Delta R.T. 0.06 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

Tgt Ion:154 Resp: 1678
 Ion Ratio Lower Upper
 154 100
 153 157.6 87.8 131.6#
 152 188.0 42.2 63.4#

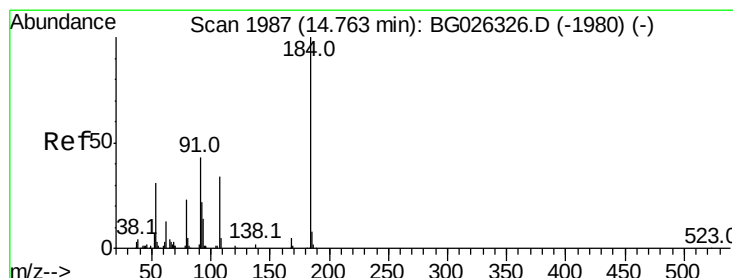
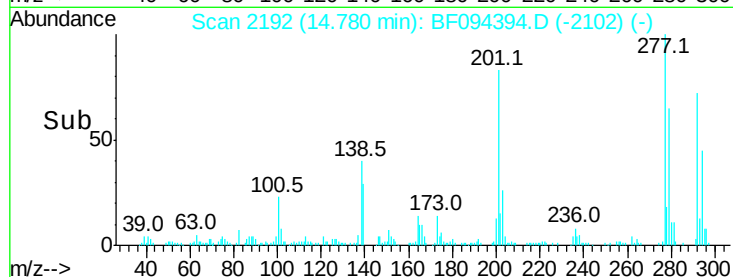
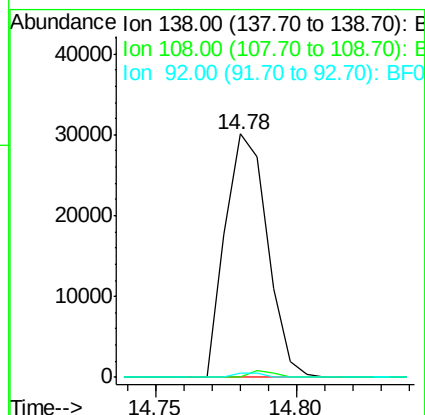
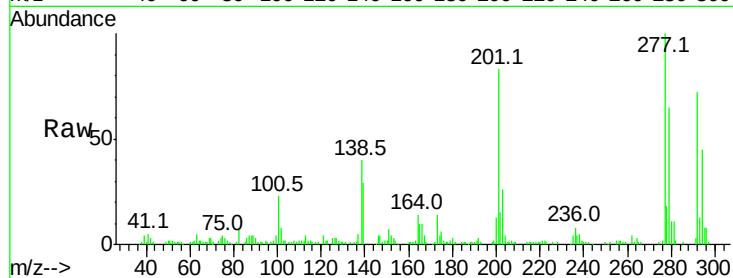




#52
3-Nitroaniline
Concen: 143.79 ng
RT: 14.78 min Scan# 2192
Delta R.T. 0.23 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

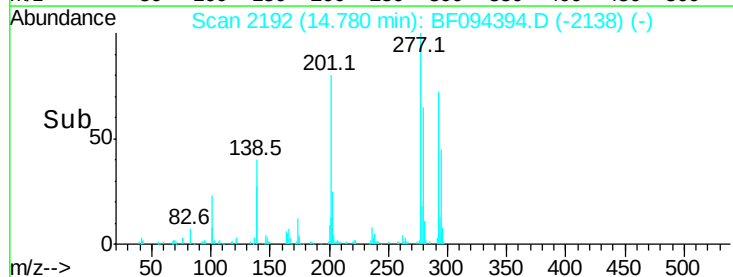
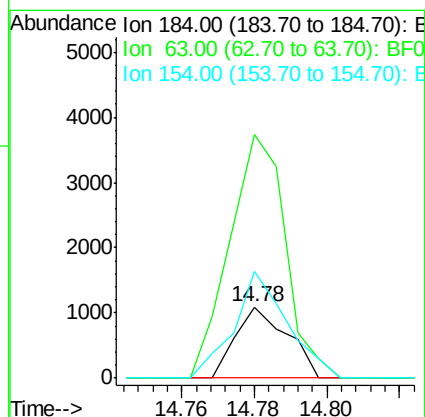
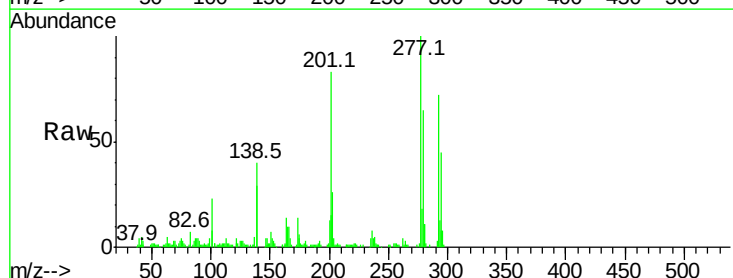
Instrument :
BNA_F
ClientSampled :

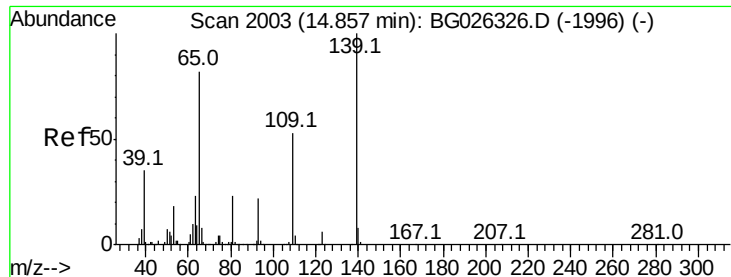
Tot Ion:138 Resp: 31199
Ion Ratio Lower Upper
138 100
108 0.0 10.9 16.3#
92 1.5 115.3 172.9#



#53
2,4-Dinitrophenol
Concen: 9.46 ng
RT: 14.78 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion:184 Resp: 1081
Ion Ratio Lower Upper
184 100
63 341.2 52.7 79.1#
154 149.9 57.3 85.9#

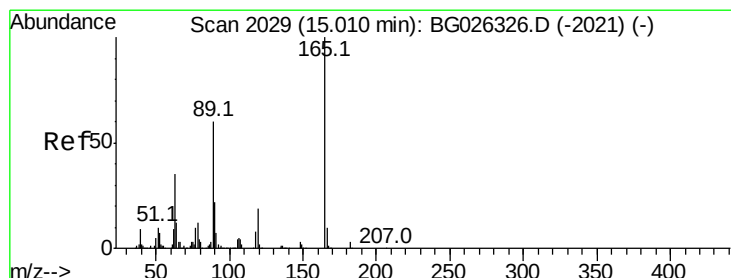
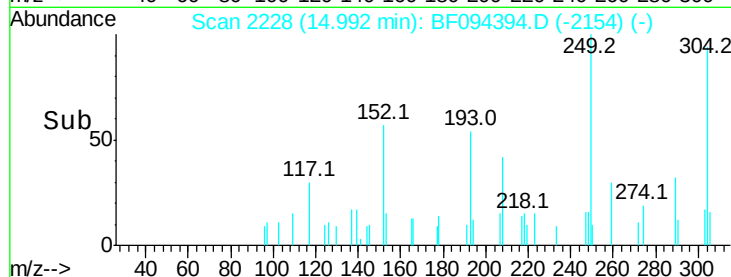
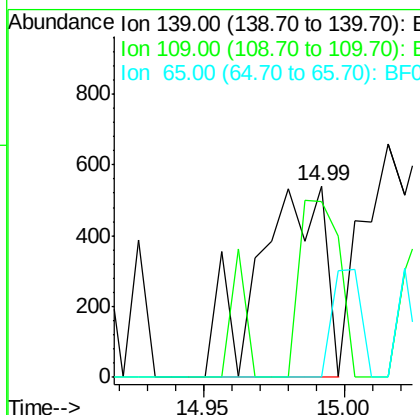
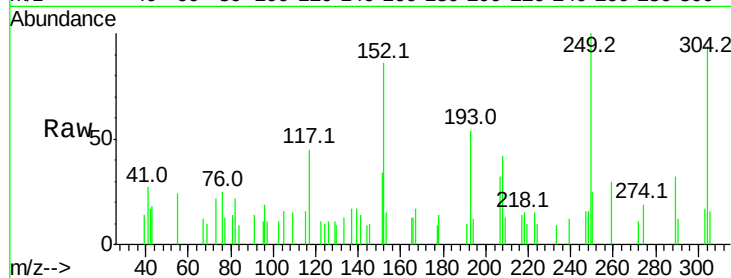




#55
4-Nitrophenol
Concen: 5.03 ng
RT: 14.99 min Scan# 2228
Delta R.T. 0.13 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

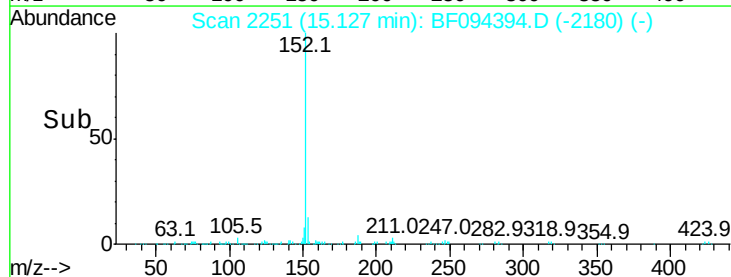
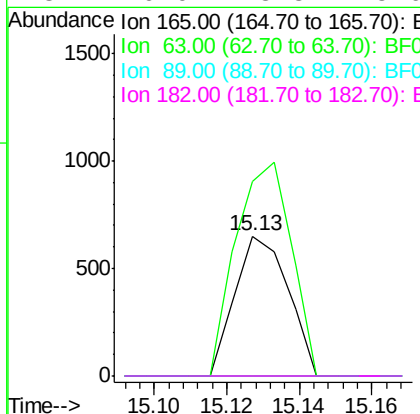
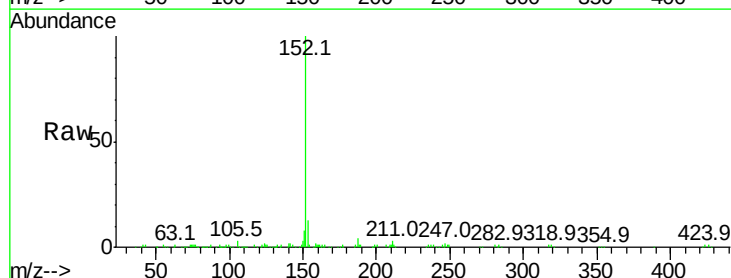
Instrument :
BNA_F
ClientSampled :

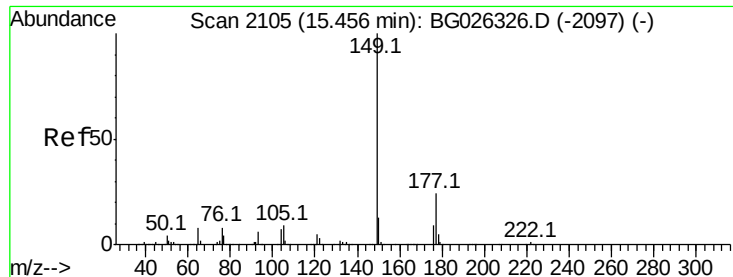
Tot Ion:139 Resp: 894
Ion Ratio Lower Upper
139 100
109 92.2 101.2 141.2#
65 0.0 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 2.39 ng
RT: 15.13 min Scan# 2251
Delta R.T. 0.12 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion:165 Resp: 662
Ion Ratio Lower Upper
165 100
63 139.1 44.0 66.0#
89 0.0 67.3 100.9#
182 0.0 3.8 5.6#

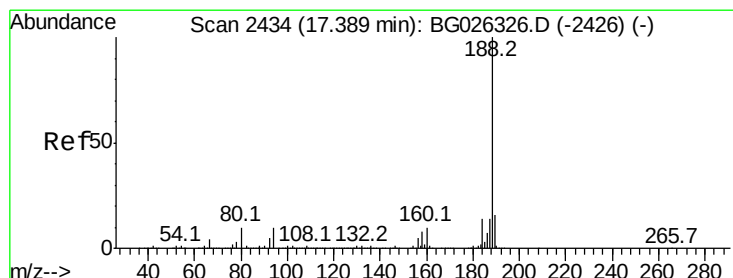
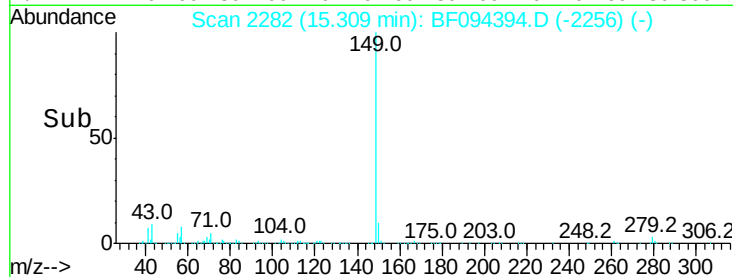
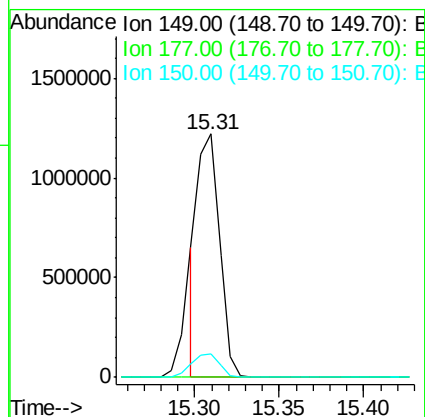
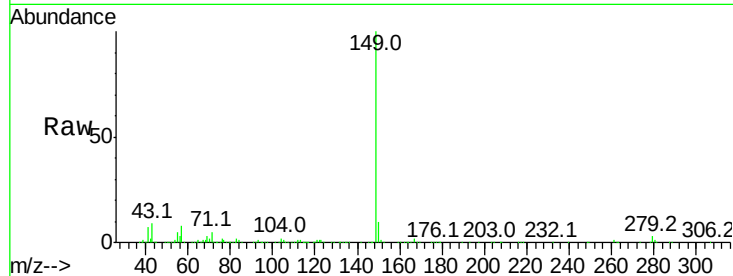




#59
Diethylphthalate
Concen: 1259.41 ng
RT: 15.31 min Scan# 2282
Delta R.T. -0.15 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

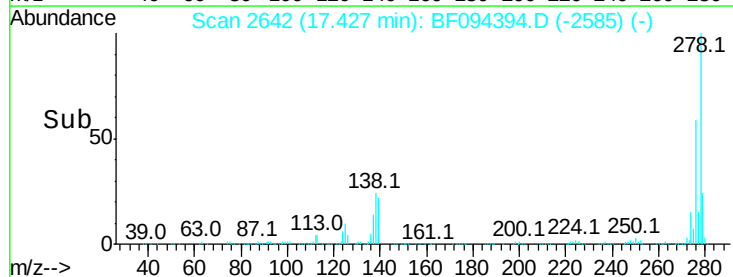
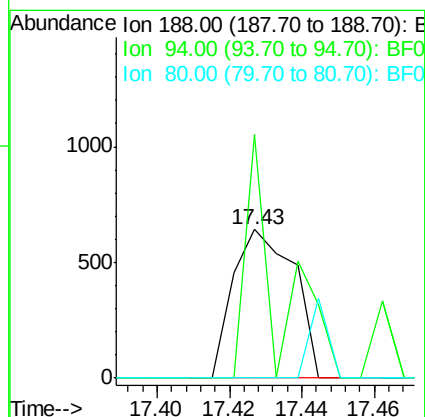
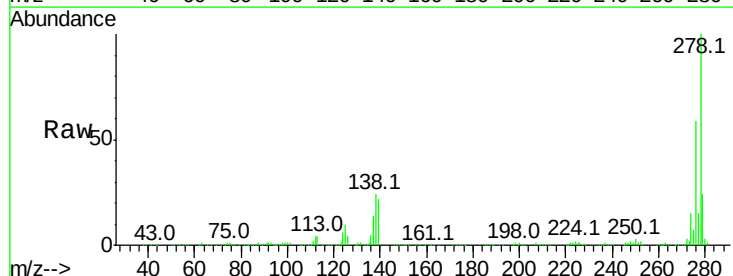
Instrument :
BNA_F
ClientSampleId :

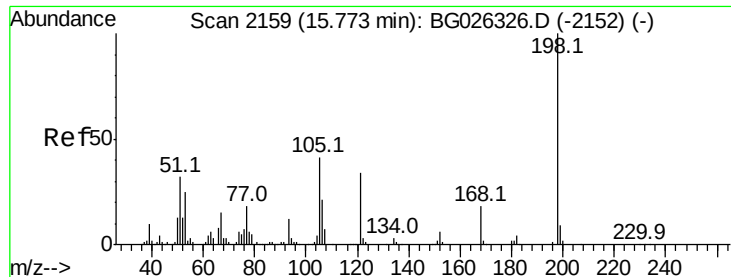
Tot Ion:149 Resp: 1086845
Ion Ratio Lower Upper
149 100
177 0.1 20.1 30.1#
150 9.8 10.2 15.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2642
Delta R.T. 0.04 min
Lab File: BF094394.D
Acq: 13 Apr 2017 17:01

Tgt Ion:188 Resp: 748
Ion Ratio Lower Upper
188 100
94 164.1 5.8 8.8#
80 0.0 7.5 11.3#





#64

4,6-Dinitro-2-methylphenol

Concen: 1225.01 ng

RT: 15.75 min Scan# 2357

Delta R.T. -0.02 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

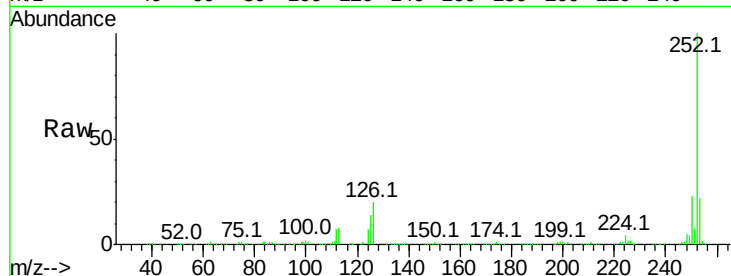
Tot Ion:198 Resp: 5777

Ion Ratio Lower Upper

198 100

51 49.9 22.6 62.6

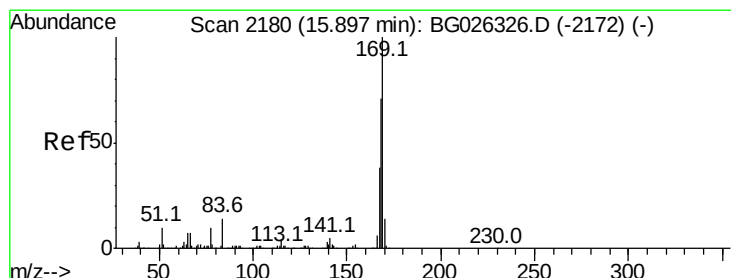
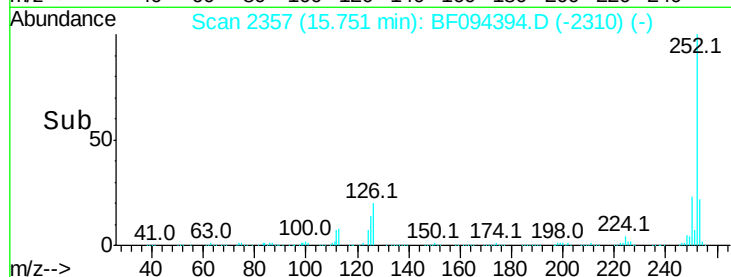
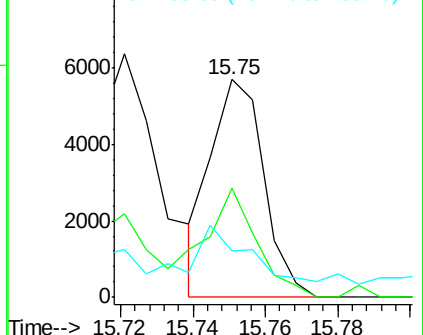
105 21.6 14.4 54.4



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: 5.97 ng

RT: 16.04 min Scan# 2407

Delta R.T. 0.15 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

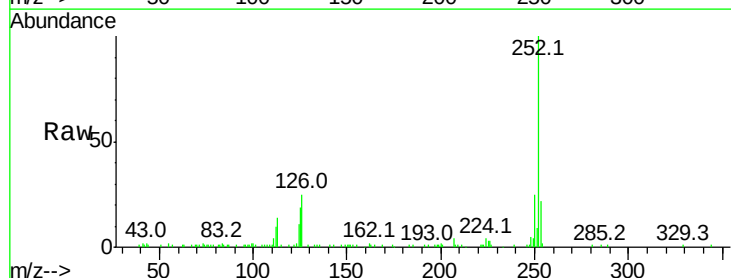
Tgt Ion:169 Resp: 131

Ion Ratio Lower Upper

169 100

168 0.0 55.7 83.5#

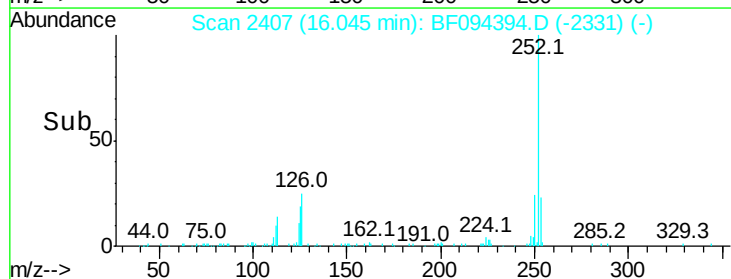
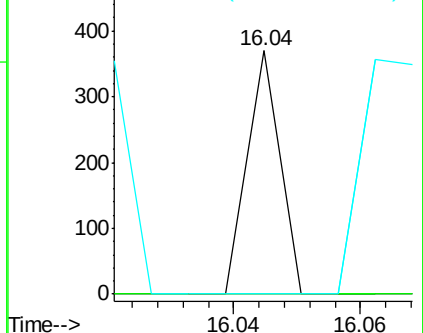
167 0.0 29.8 44.6#

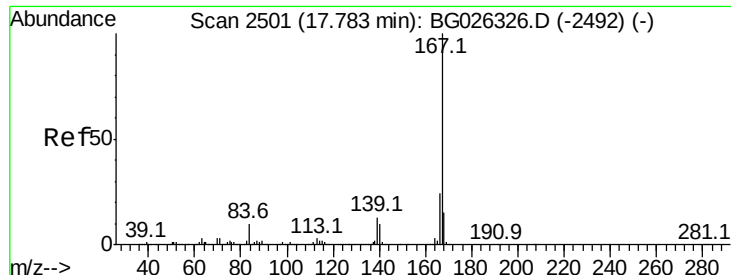


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#72

Carbazole

Concen: 4.01 ng

RT: 17.83 min Scan# 2710

Delta R.T. 0.04 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

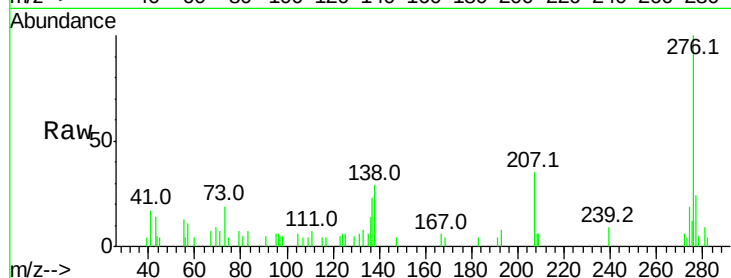
Tot Ion:167 Resp: 169

Ion Ratio Lower Upper

167 100

166 0.0 20.2 30.2#

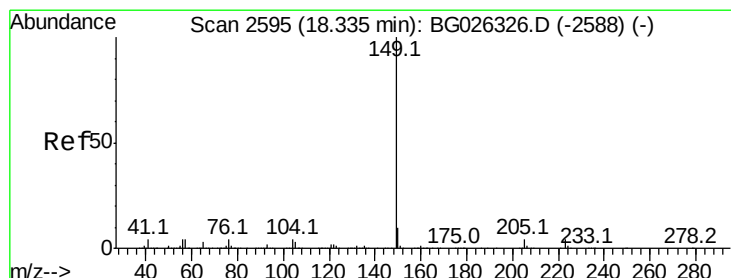
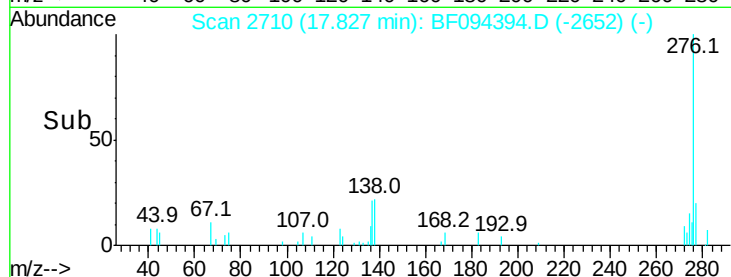
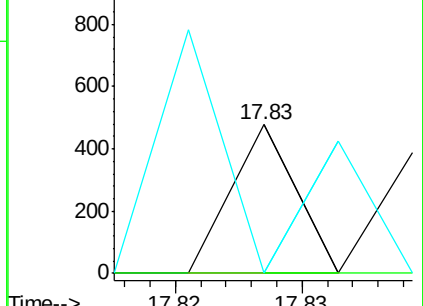
139 0.0 12.8 19.2#



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: 3.28 ng

RT: 18.32 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BF094394.D

Acq: 13 Apr 2017 17:01

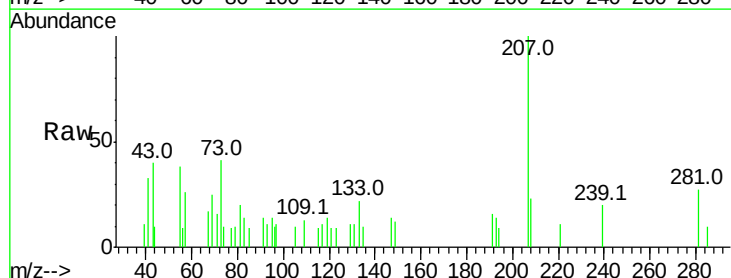
Tgt Ion:149 Resp: 142

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

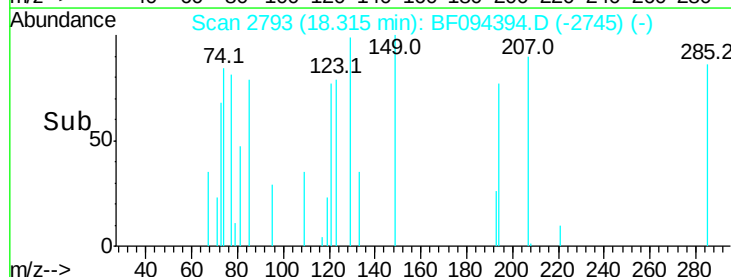
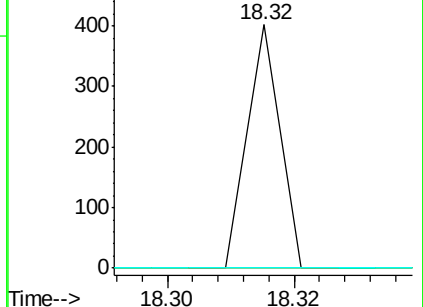
104 0.0 6.7 10.1#

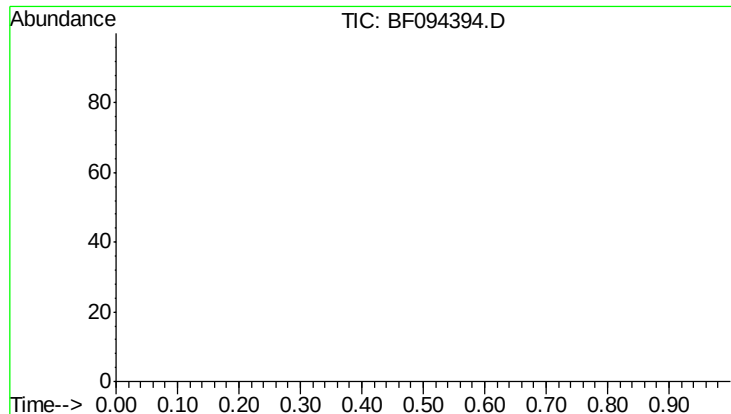


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

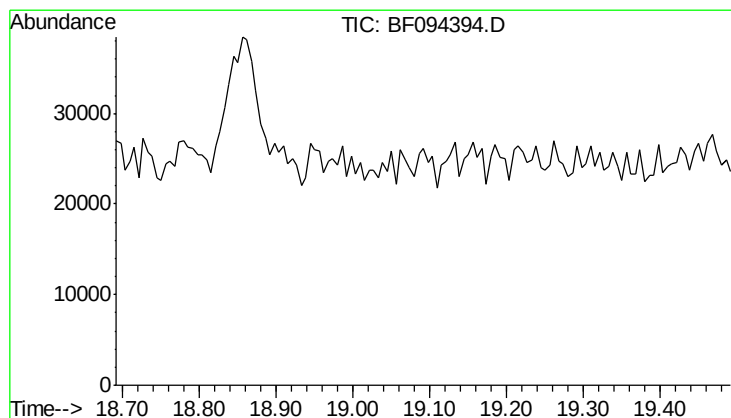
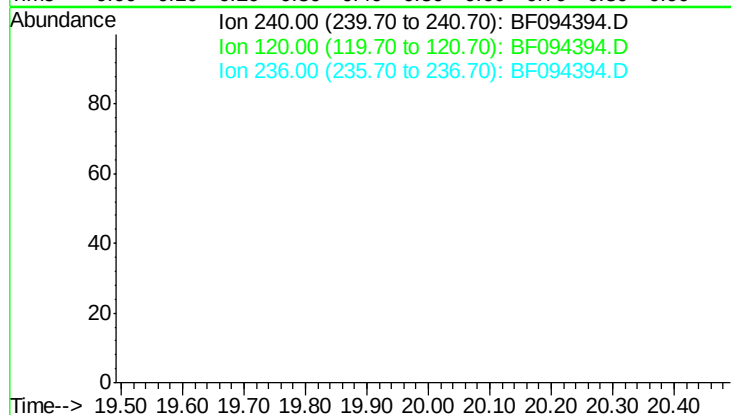




#75
 Chrvsene-d12
 Concen: 0.00 ng
 Expected RT: 21.64 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

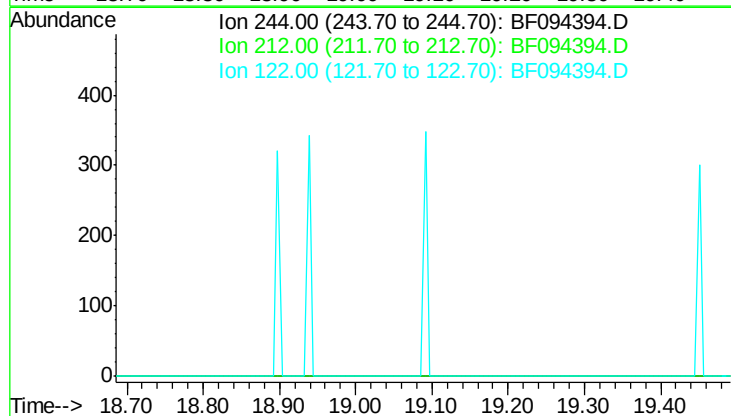
Instrument :
 BNA_F
 ClientSampleId :

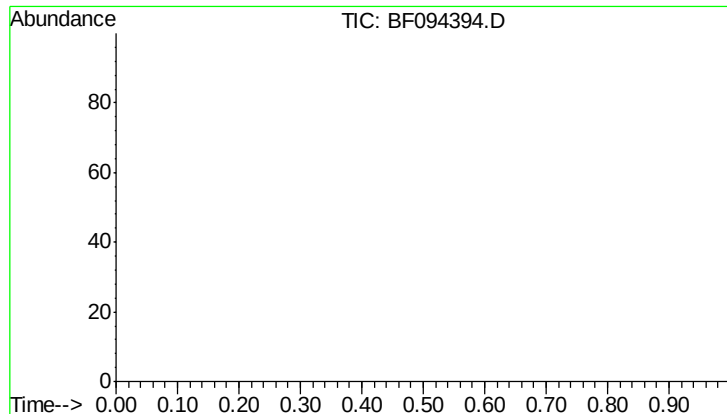
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 7.1
 236 27.8



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 19.99 min
 Lab File: BF094394.D
 Acq: 13 Apr 2017 17:01

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: BF094394.D
Acq: 13 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :

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

