

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096229.D
 Acq On : 27 Jun 2017 21:17
 Operator : SJ/MA
 Sample : I3898-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 04:08:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147552	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	337383	20.00	ng	0.01
38) Acenaphthene-d10	9.84	164	31130	20.00	ng	0.03
63) Phenanthrene-d10	11.36	188	99329	20.00	ng	0.07
75) Chrysene-d12	13.99	240	63806	20.00	ng	0.07
86) Perylene-d12	15.44	264	85876	20.00	ng	0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	832651	81.30	ng	0.01
7) Phenol-d6	6.42	99	707830	57.08	ng	0.02
23) Nitrobenzene-d5	7.35	82	576509	118.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	79492	324.47	ng	0.07
44) 2-Fluorobiphenyl	9.17	172	555178	326.61	ng	0.02
78) Terphenyl-d14	12.94	244	224251	87.70	ng	0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	485876	Below Cal	#	68
10) Phenol	6.43	94	672501	49.33	ng	92
15) Benzyl Alcohol	6.92	79	240976	28.80	ng	69
17) 2-Methylphenol	7.04	107	39996	4.59	ng	40
18) Hexachloroethane	7.29	117	68687	17.13	ng	1
19) n-Nitroso-di-n-propylamine	7.18	70	28740	3.87	ng	82
20) 3+4-Methylphenols	7.20	107	151388	15.23	ng	1
22) Acetophenone	7.19	105	1365172	194.69	ng	72
24) Nitrobenzene	7.34	77	431916	80.03	ng	36
25) Isophorone	7.60	82	66335	5.99	ng	1
26) 2-Nitrophenol	7.71	139	4142	7.50	ng	1
27) 2,4-Dimethylphenol	7.87	122	311128	62.21	ng	20
29) 2,4-Dichlorophenol	7.92	162	14840	3.48	ng	1
30) 1,2,4-Trichlorobenzene	7.92	180	22177	5.24	ng	92
31) Naphthalene	8.09	128	1799636	110.67	ng	96
32) Benzoic acid	8.00	122	1316434	312.68	ng	98
33) 4-Chloroaniline	8.09	127	288296	42.83	ng	54
35) Caprolactam	8.47	113	29267	19.86	ng	1
37) 2-Methylnaphthalene	8.81	142	912157	86.35	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	1684	2.81	ng	1
45) 1,1'-Biphenyl	9.28	154	61230	25.64	ng	94
47) 2-Nitroaniline	9.35	65	31696	50.65	ng	32
48) Acenaphthylene	9.72	152	7252	2.21	ng	1
49) Dimethylphthalate	9.57	163	56597	25.40	ng	31
50) 2,6-Dinitrotoluene	9.63	165	16254	35.07	ng	54
51) Acenaphthene	9.89	154	23841	12.32	ng	63
52) 3-Nitroaniline	9.88	138	13651	23.00	ng	55
53) 2,4-Dinitrophenol	9.90	184	842	13.06	ng	1
54) Dibenzofuran	10.05	168	70757	28.01	ng	2
55) 4-Nitrophenol	9.89	139	57232	119.27	ng	2
56) 2,4-Dinitrotoluene	10.01	165	5905	10.11	ng	69
57) Fluorene	10.42	166	25941	14.91	ng	17
58) 2,3,4,6-Tetrachlorophenol	10.20	232	9201	22.00	ng	1
59) Diethylphthalate	10.19	149	6631	2.96	ng	24

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096229.D
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 ALS Vial : 13 Sample Multiplier: 1

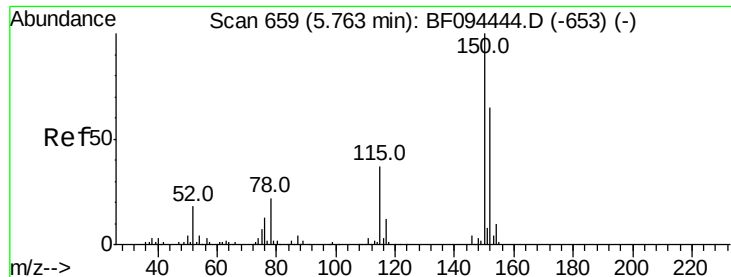
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 04:08:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

60) 4-Chlorophenyl-phenylether	10.36	204	14365	20.49	nq	# 19
61) 4-Nitroaniline	10.42	138	13538	26.22	nq	90
62) Azobenzene	10.57	77	71371	31.64	nq	# 15
64) 4,6-Dinitro-2-methylphenol	10.43	198	1693	11.41	nq	# 1
65) n-Nitrosodiphenylamine	10.53	169	28708	8.04	nq	# 67
71) Anthracene	11.49	178	22026	3.97	nq	# 1
73) Di-n-butylphthalate	11.92	149	28414	4.39	nq	# 39
79) Butylbenzylphthalate	13.40	149	11021	4.59	nq	# 1
83) Bis(2-ethylhexyl)phthalate	13.97	149	302199	115.72	nq	# 89
84) Di-n-octyl phthalate	14.59	149	791350	147.12	nq	# 78

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

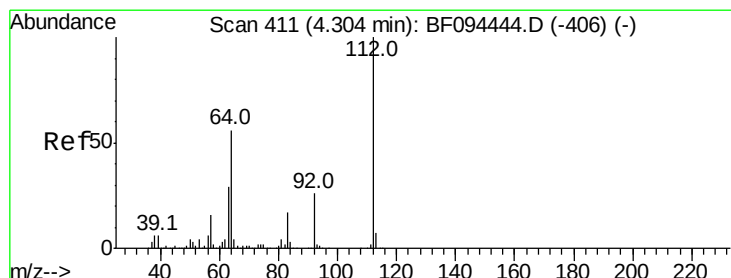
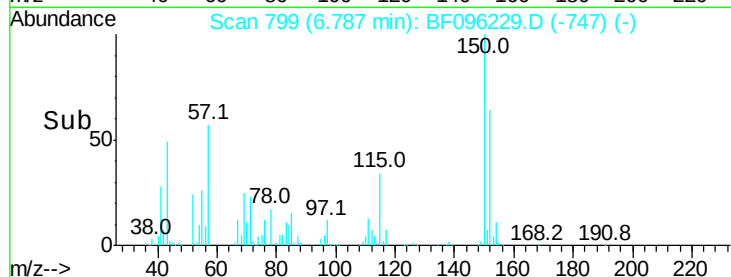
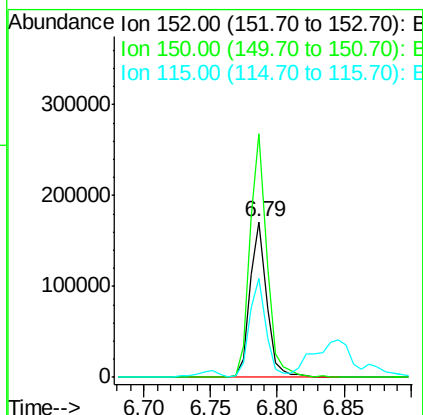
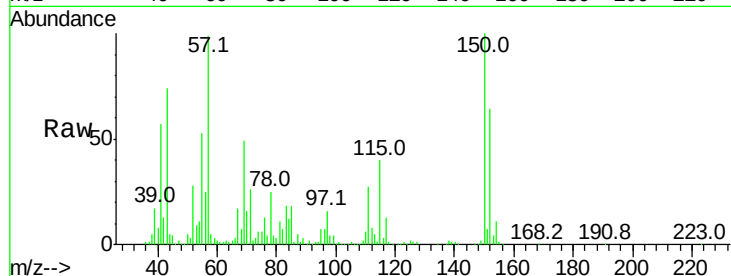


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Instrument :
BNA_F
ClientSampleId :

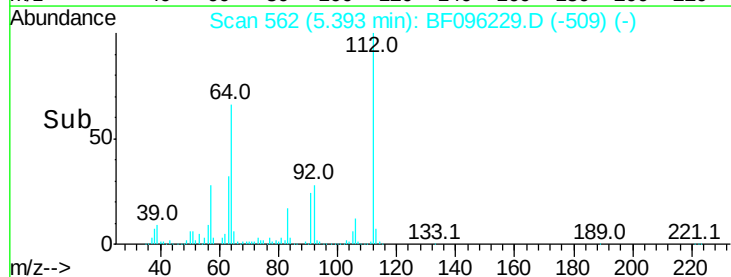
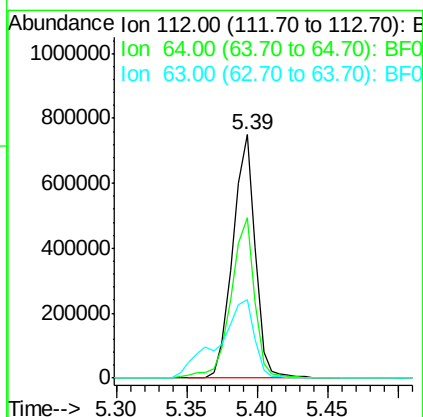
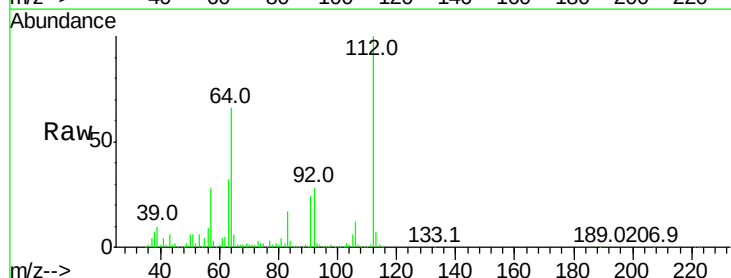
Tot Ion:152 Resp: 147552
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 63.3 52.2 78.2

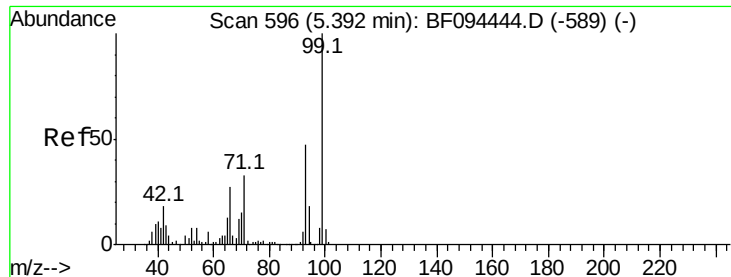


#5

2-Fluorophenol
Concen: 81.30 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Tgt Ion:112 Resp: 832651
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 32.1 23.4 35.0





#7

Phenol-d6

Concen: 57.08 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

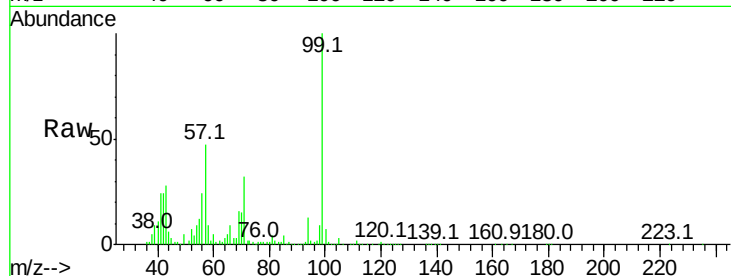
Tot Ion: 99 Resp: 707830

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

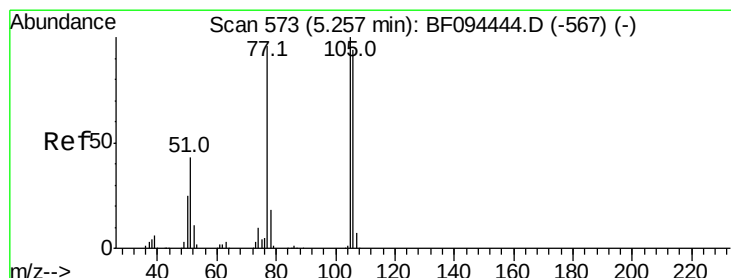
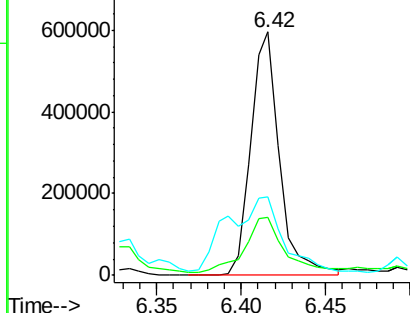
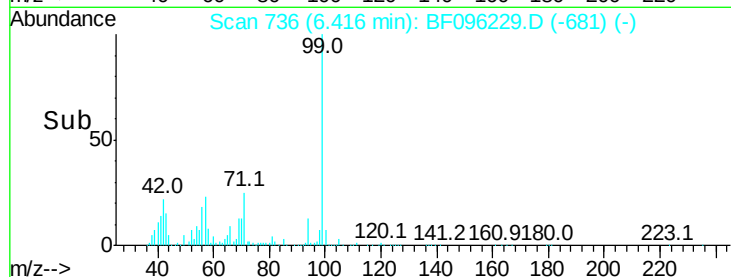
71 32.3 24.5 36.7



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

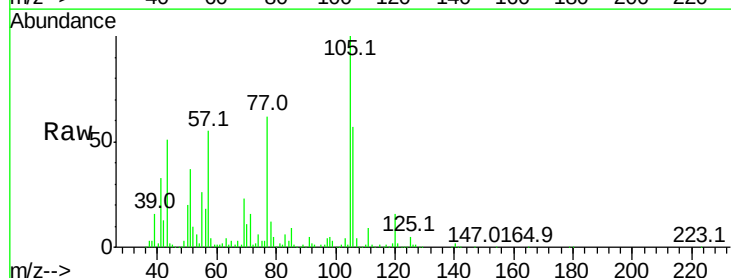
Tgt Ion: 77 Resp: 485876

Ion Ratio Lower Upper

77 100

105 161.1 83.8 123.8#

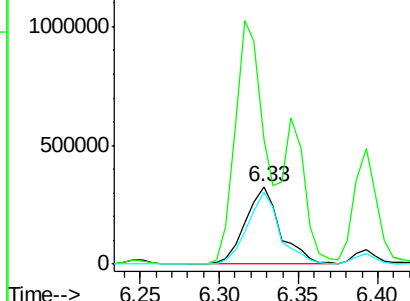
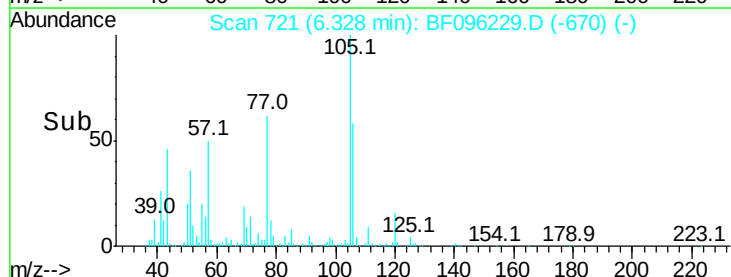
106 92.6 79.1 119.1

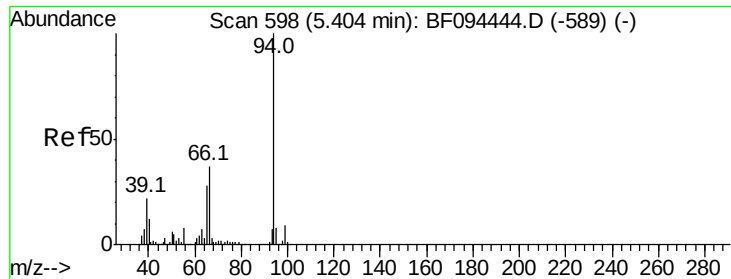


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 49.33 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampled :

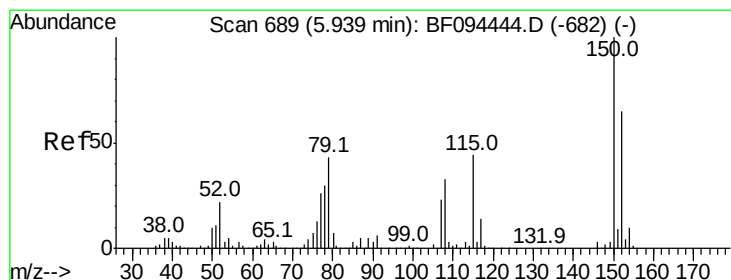
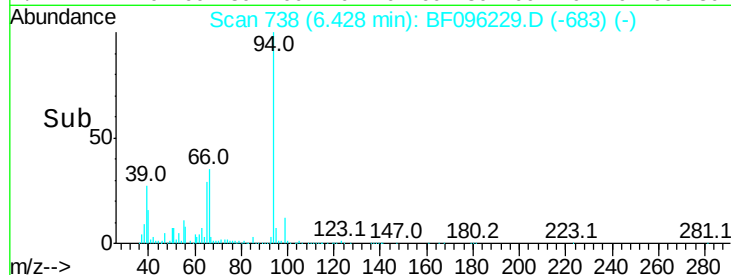
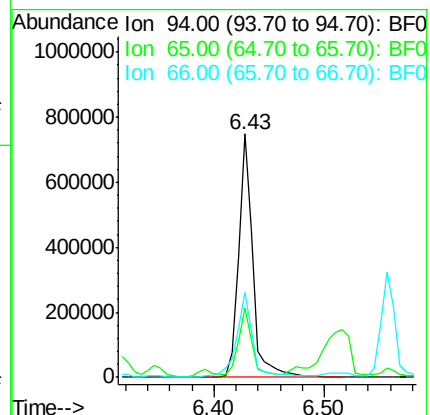
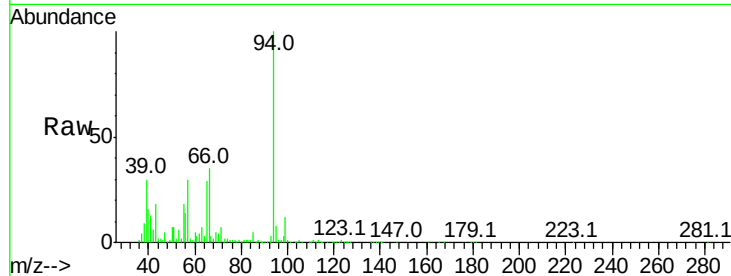
Tot Ion: 94 Resp: 672501

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

66 34.9 23.1 63.1



#15

Benzyl Alcohol

Concen: 28.80 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

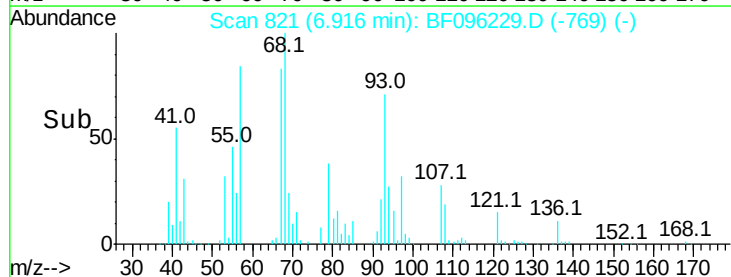
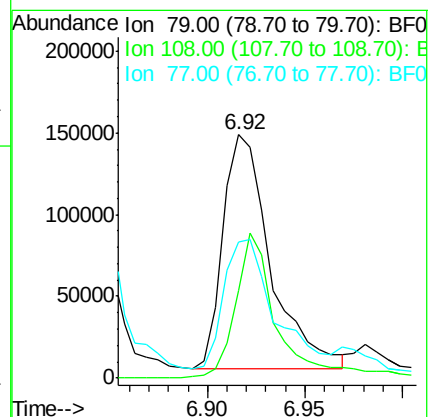
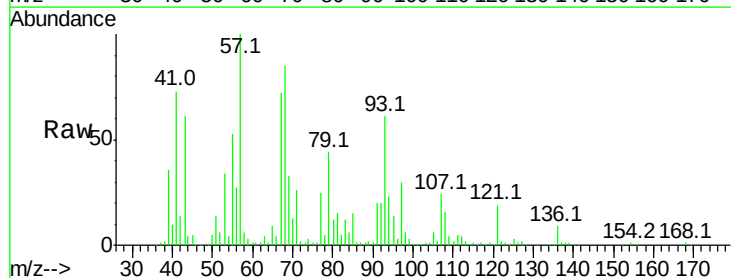
Tgt Ion: 79 Resp: 240976

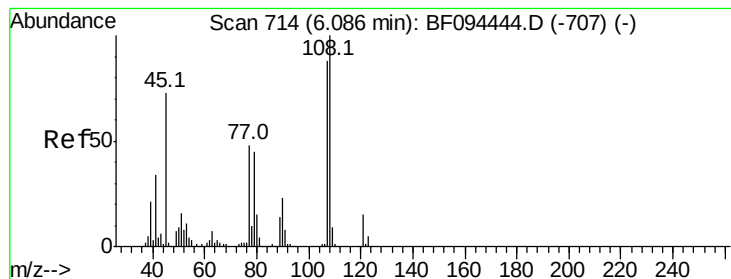
Ion Ratio Lower Upper

79 100

108 36.0 63.4 95.0#

77 56.1 49.2 73.8





#17

2-Methylphenol

Concen: 4.59 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.02 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 39996

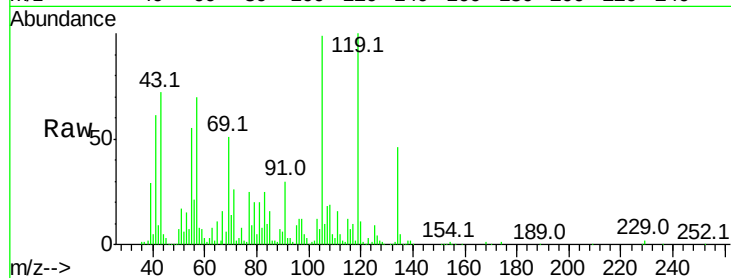
Ion Ratio Lower Upper

107 100

108 107.3 93.4 140.0

77 140.6 35.8 53.6#

79 112.4 34.8 52.2#

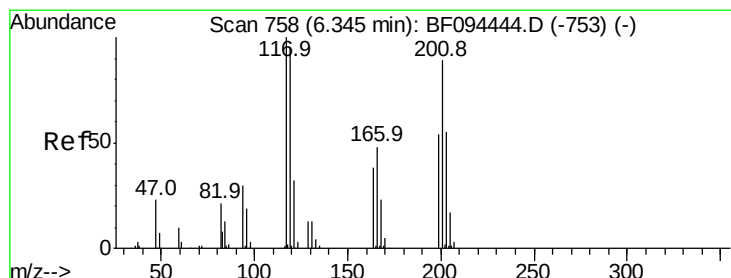
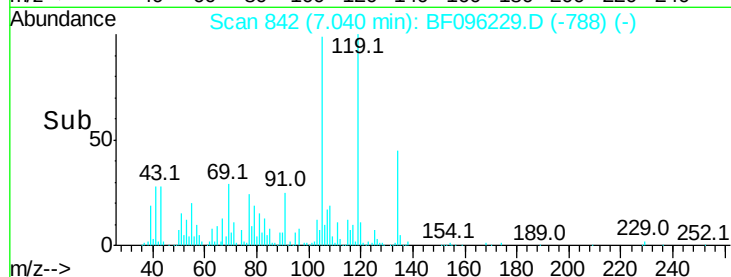
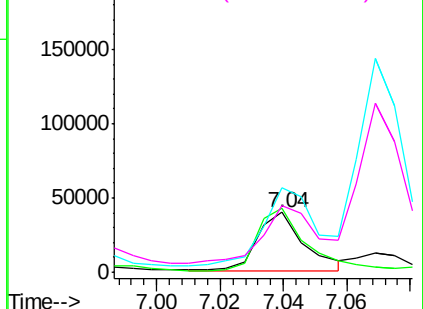


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 17.13 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

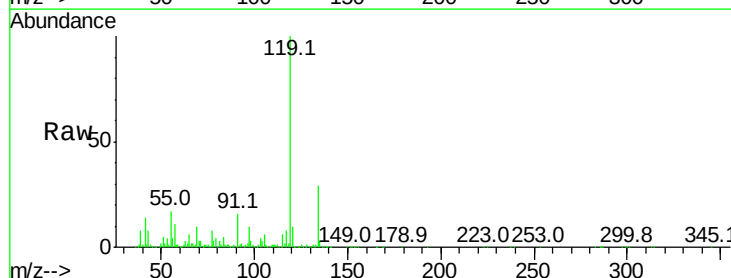
Tgt Ion:117 Resp: 68687

Ion Ratio Lower Upper

117 100

119 1223.2 77.4 116.0#

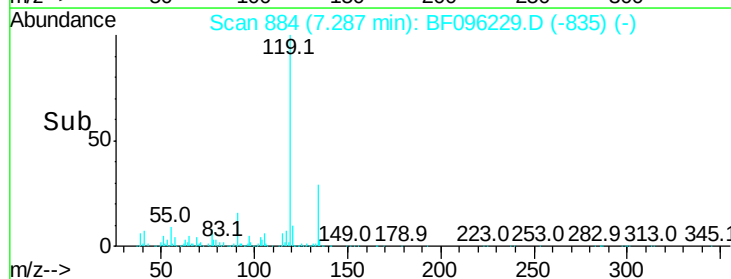
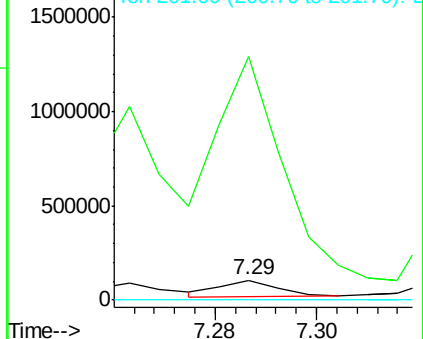
201 0.0 94.6 141.8#

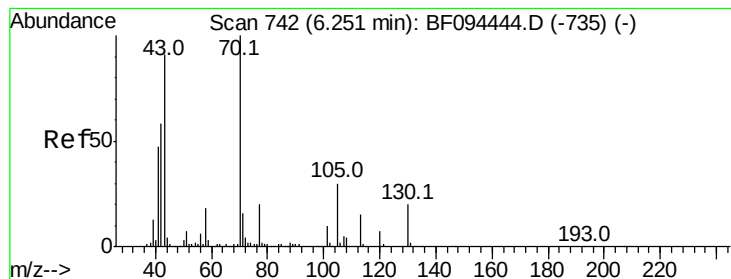


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 3.87 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 28740

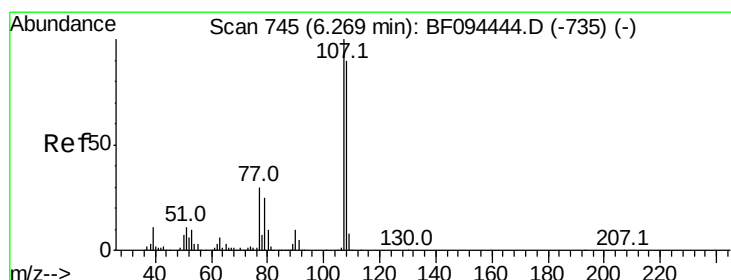
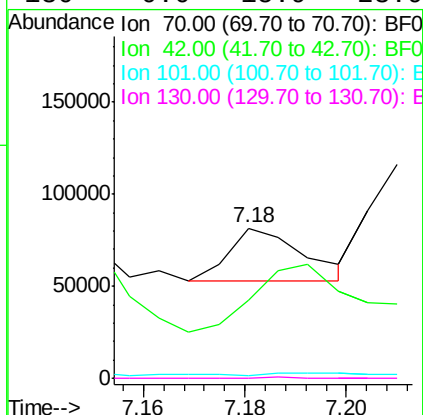
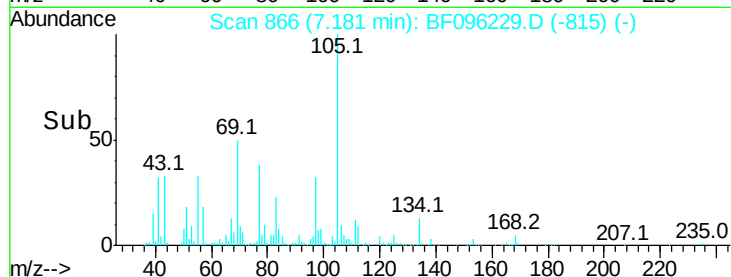
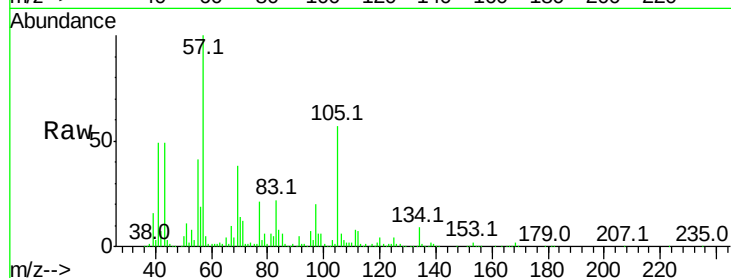
Ion Ratio Lower Upper

70 100

42 51.8 47.2 70.8

101 1.9 7.2 10.8#

130 0.0 15.9 23.9#



#20

3+4-Methylphenols

Concen: 15.23 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Tgt Ion: 107 Resp: 151388

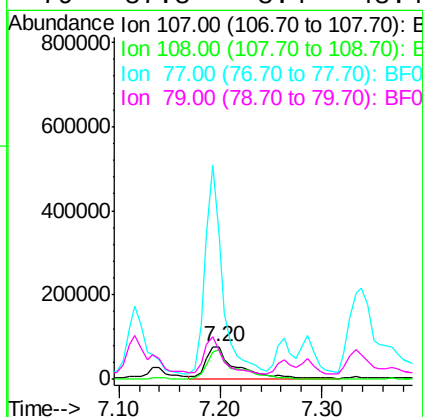
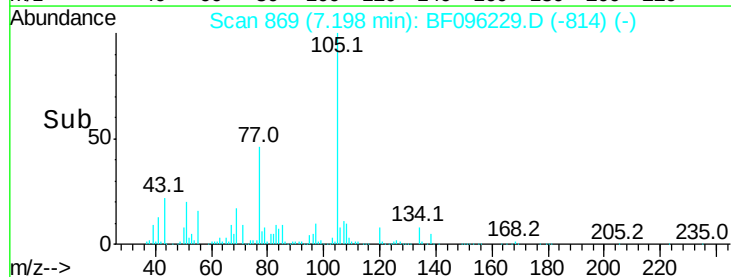
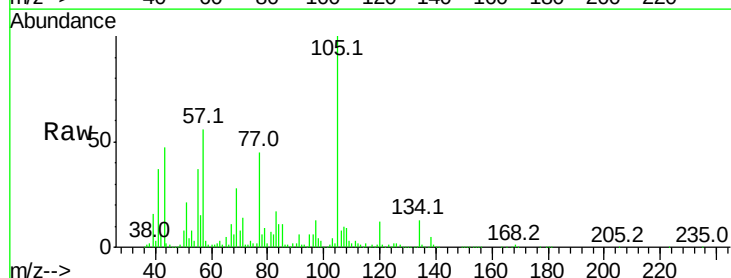
Ion Ratio Lower Upper

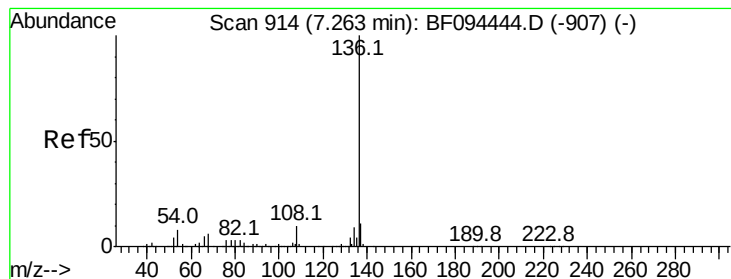
107 100

108 91.2 71.0 111.0

77 439.6 90.5 130.5#

79 87.8 8.4 48.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 337383

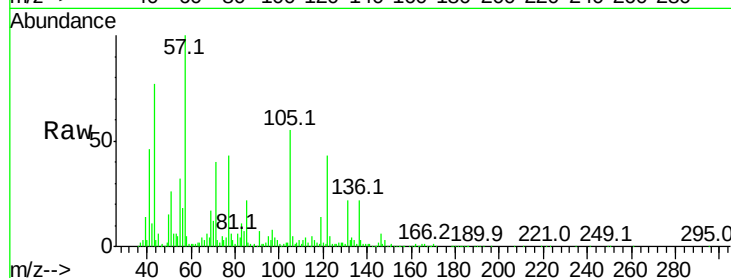
Ion Ratio Lower Upper

136 100

137 15.0 8.5 12.7#

54 22.6 4.9 7.3#

68 16.2 4.1 6.1#



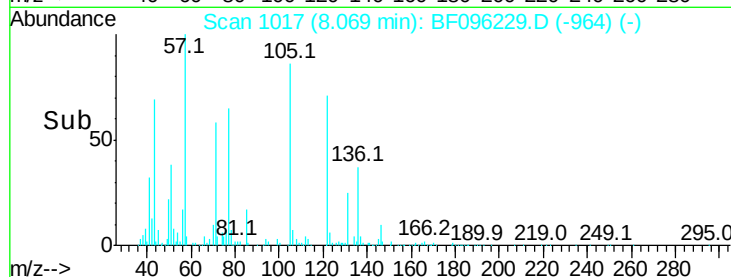
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

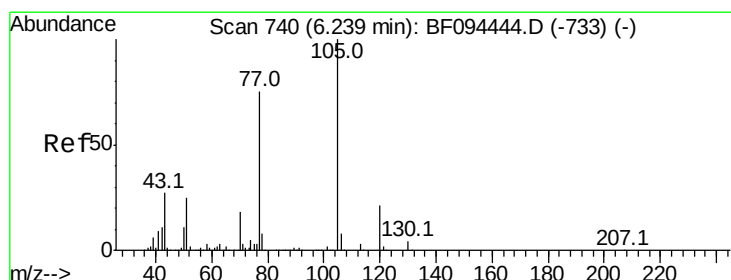
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#22

Acetophenone

Concen: 194.69 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Tgt Ion:105 Resp: 1365172

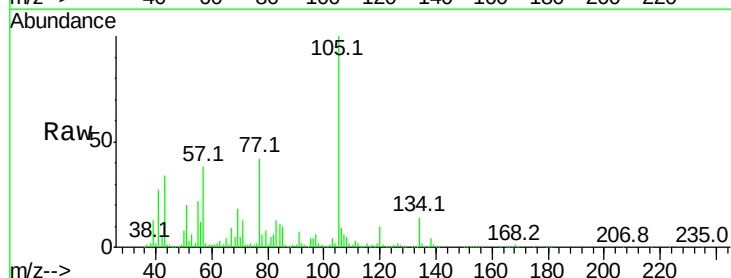
Ion Ratio Lower Upper

105 100

71 12.7 2.8 4.2#

51 20.4 30.7 46.1#

120 9.6 17.4 26.0#



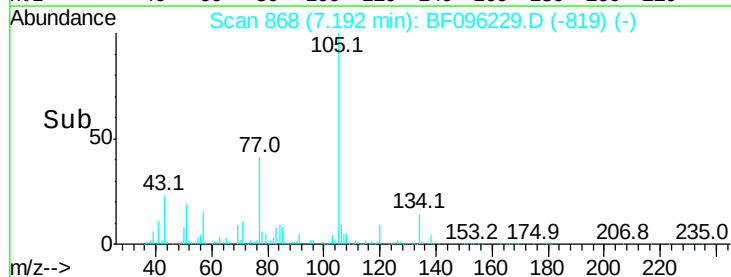
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

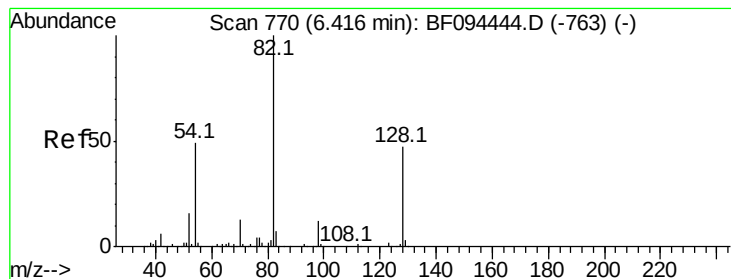
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 118.29 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

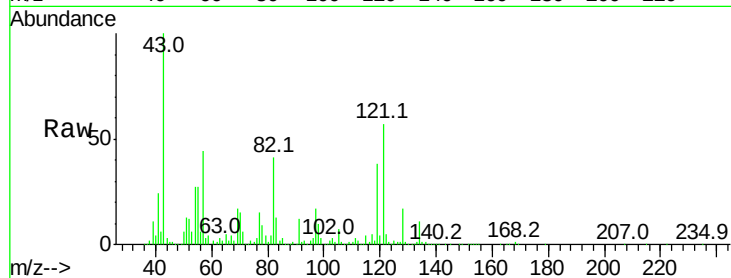
Tot Ion: 82 Resp: 576509

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

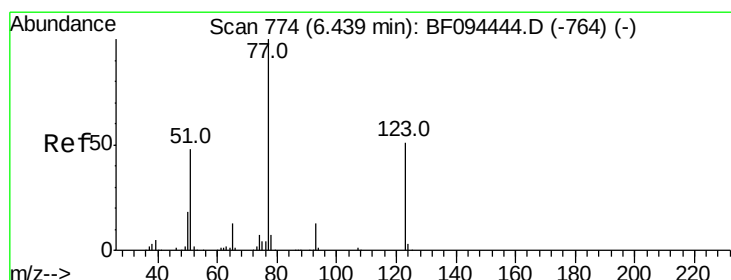
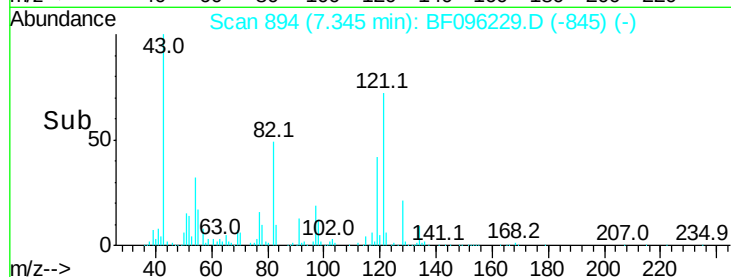
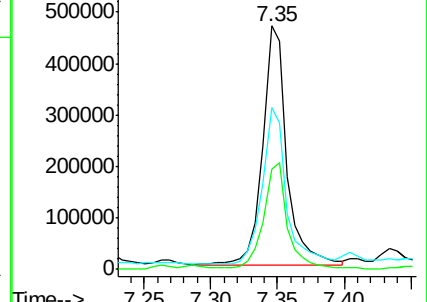
54 66.7 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 80.03 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

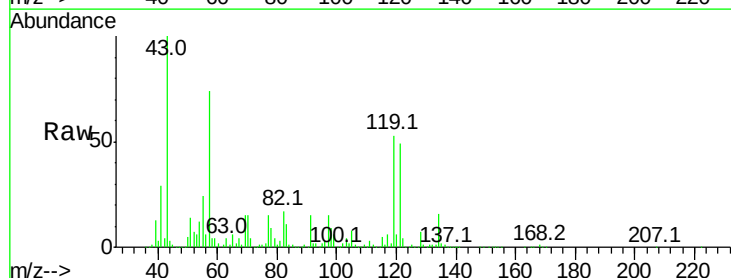
Tgt Ion: 77 Resp: 431916

Ion Ratio Lower Upper

77 100

123 2.9 35.8 53.8#

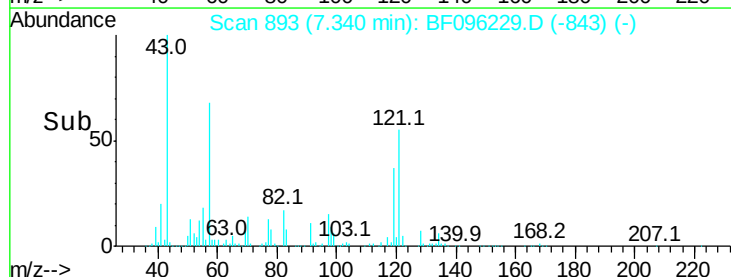
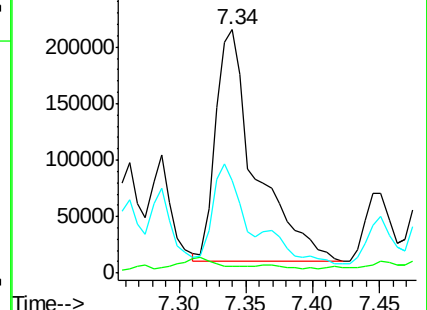
65 38.3 10.6 15.8#

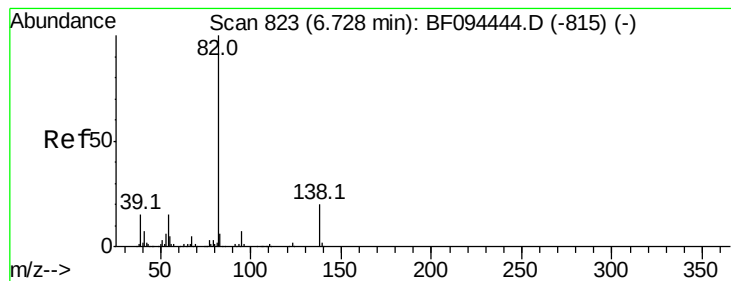


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 5.99 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampled :

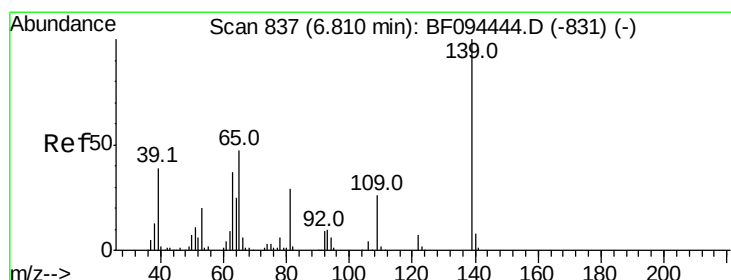
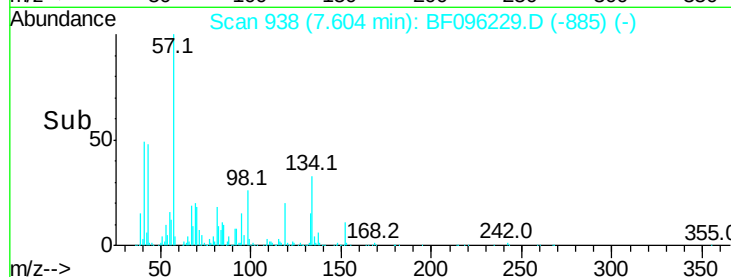
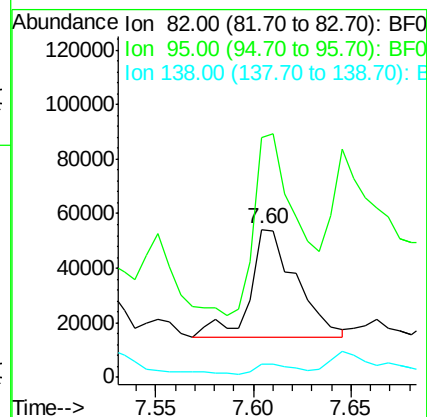
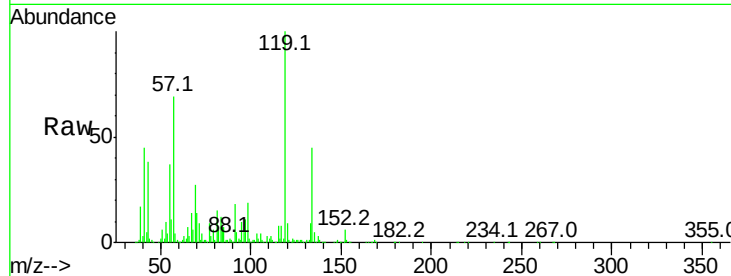
Tot Ion: 82 Resp: 66335

Ion Ratio Lower Upper

82 100

95 162.5 5.3 7.9#

138 8.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 7.50 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.02 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

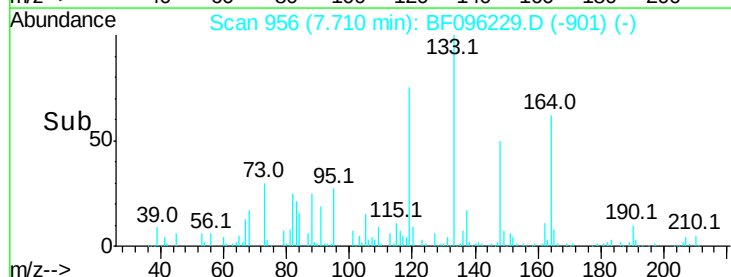
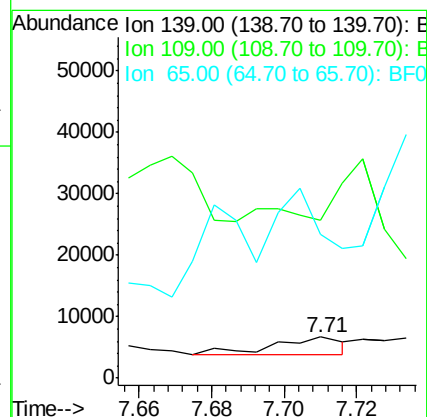
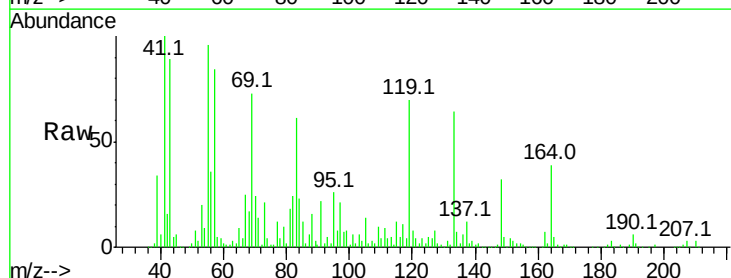
Tgt Ion: 139 Resp: 4142

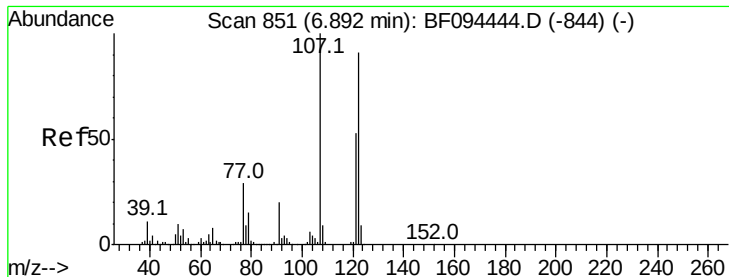
Ion Ratio Lower Upper

139 100

109 385.6 21.0 31.6#

65 349.0 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 62.21 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.16 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

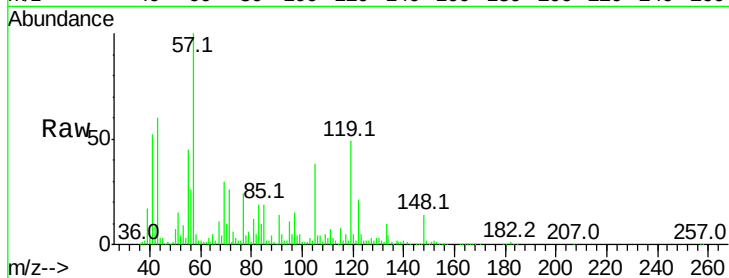
Tot Ion:122 Resp: 311128

Ion Ratio Lower Upper

122 100

107 19.6 89.2 133.8#

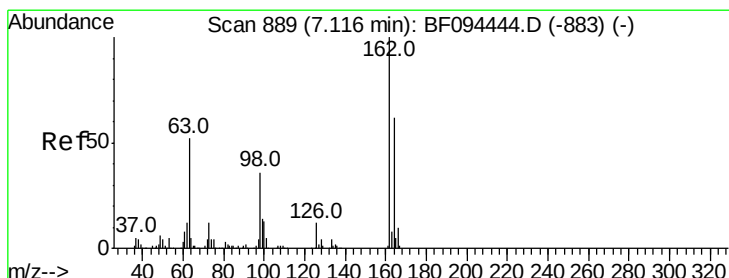
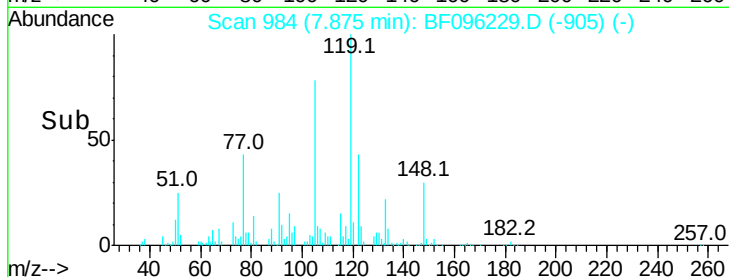
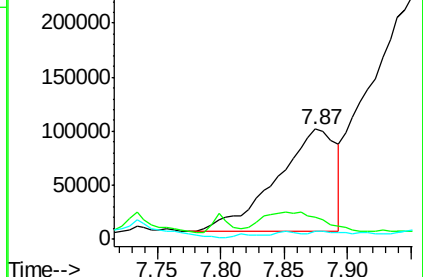
121 7.4 45.2 67.8#



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



#29

2,4-Dichlorophenol

Concen: 3.48 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

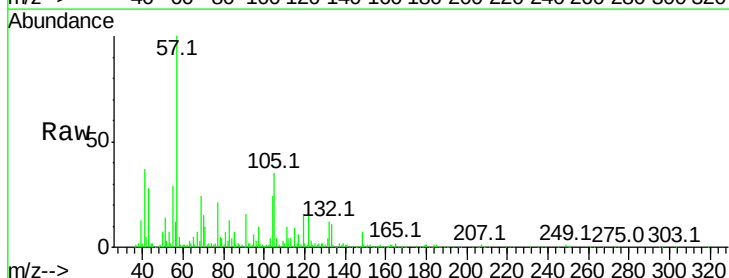
Tgt Ion:162 Resp: 14840

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

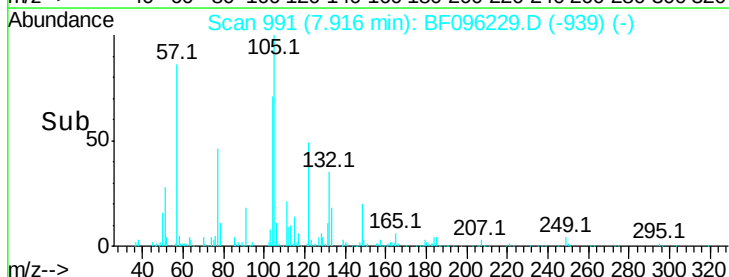
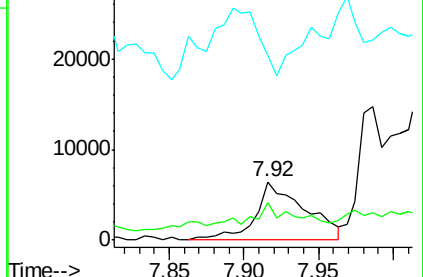
98 315.2 14.8 54.8#

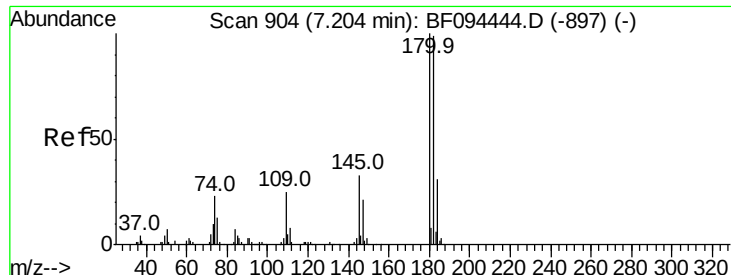


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

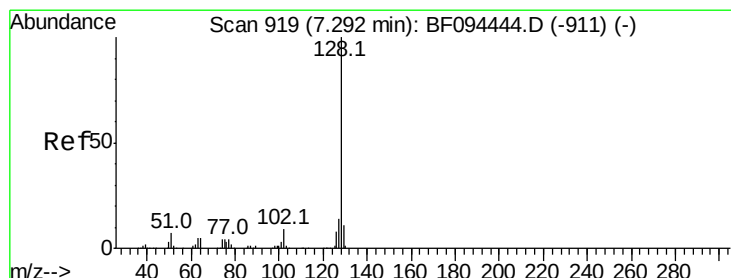
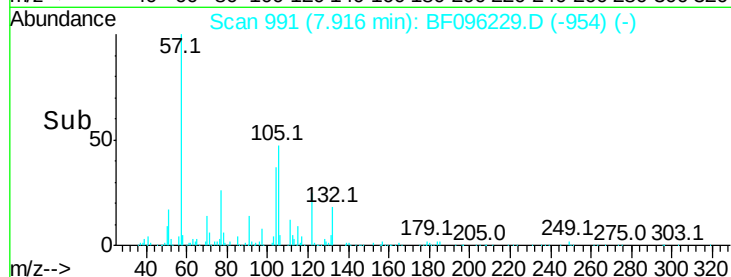
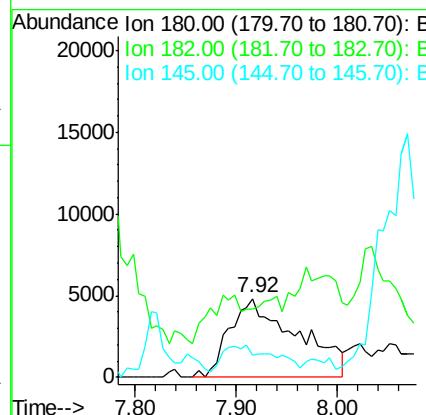
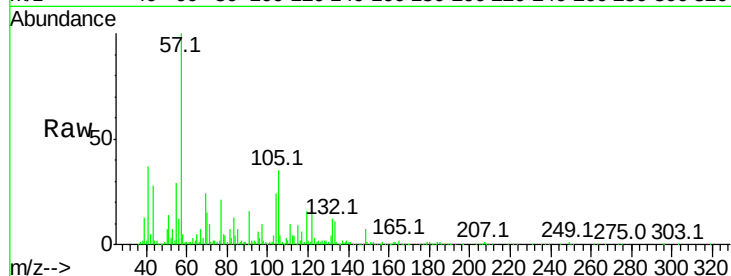




#30
 1,2,4-Trichlorobenzene
 Concen: 5.24 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.08 min
 Lab File: BF096229.D
 Acq: 27 Jun 2017 21:17

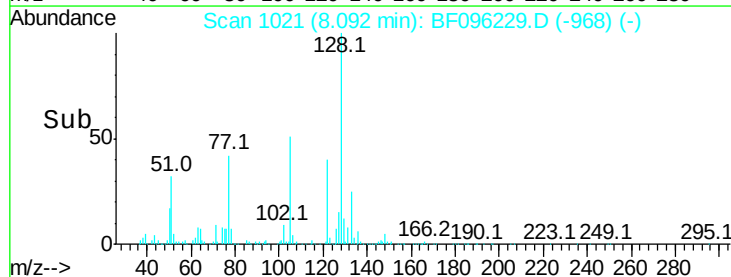
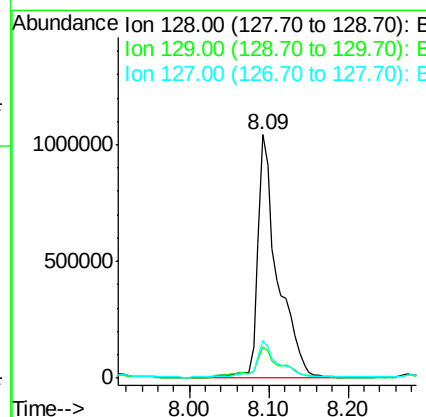
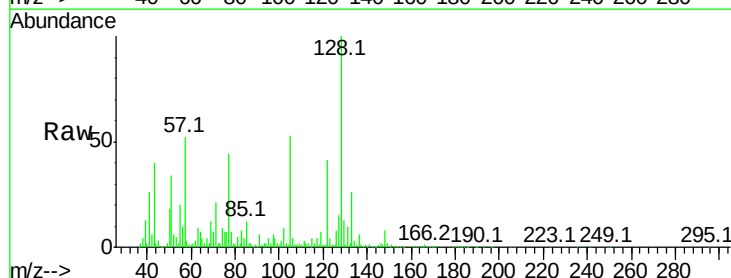
Instrument :
 BNA_F
 ClientSampleId :

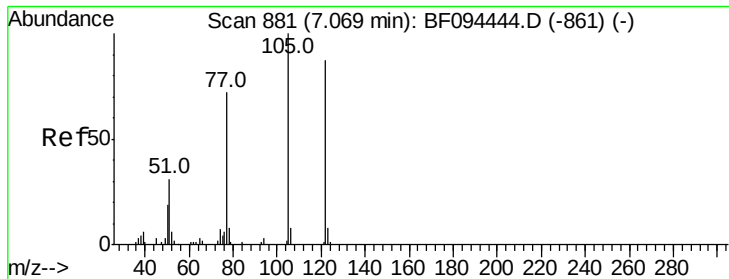
Tot Ion:180 Resp: 22177
 Ion Ratio Lower Upper
 180 100
 182 86.9 75.8 113.6
 145 28.0 25.3 37.9



#31
 Naphthalene
 Concen: 110.67 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF096229.D
 Acq: 27 Jun 2017 21:17

Tgt Ion:128 Resp: 1799636
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.0 13.6
 127 15.2 10.8 16.2





#32

Benzoic acid

Concen: 312.68 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.12 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

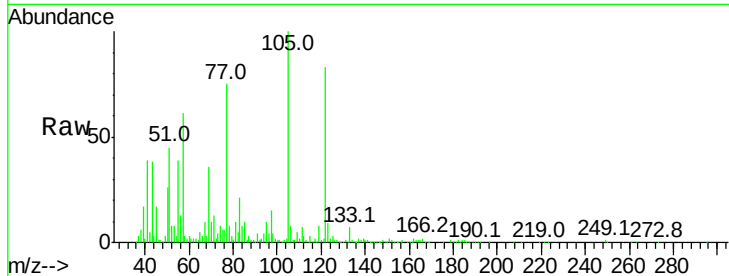
Tot Ion:122 Resp: 1316434

Ion Ratio Lower Upper

122 100

105 121.1 103.3 143.3

77 90.7 73.7 113.7

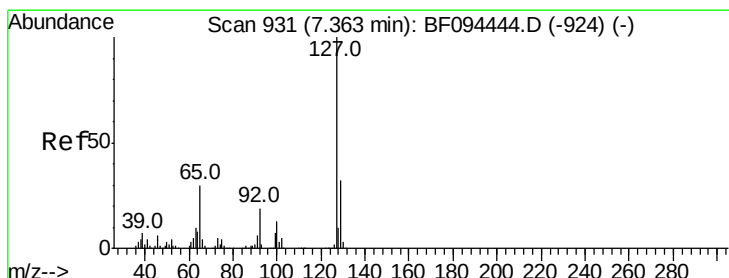
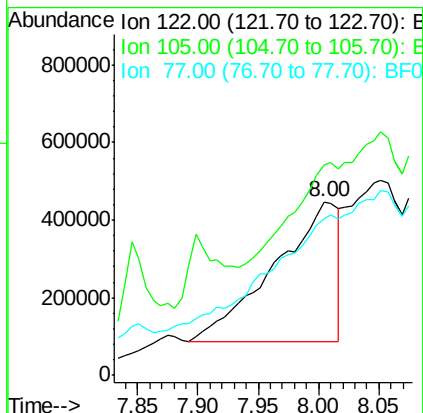
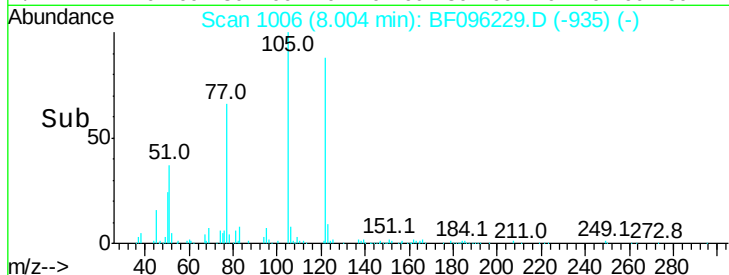


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

8.00



#33

4-Chloroaniline

Concen: 42.83 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Tgt Ion:127 Resp: 288296

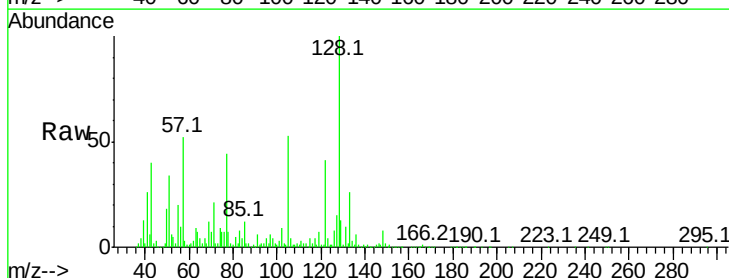
Ion Ratio Lower Upper

127 100

129 82.8 26.2 39.2#

65 26.4 27.8 41.8#

92 5.5 16.8 25.2#



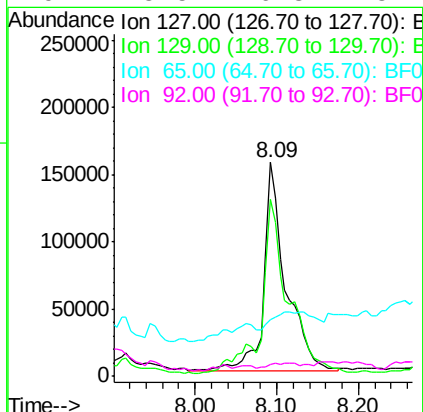
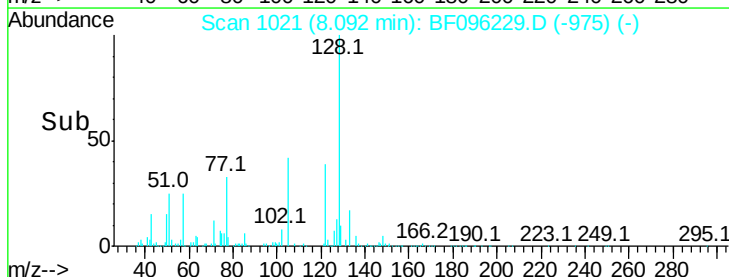
Abundance Ion 127.00 (126.70 to 127.70): E

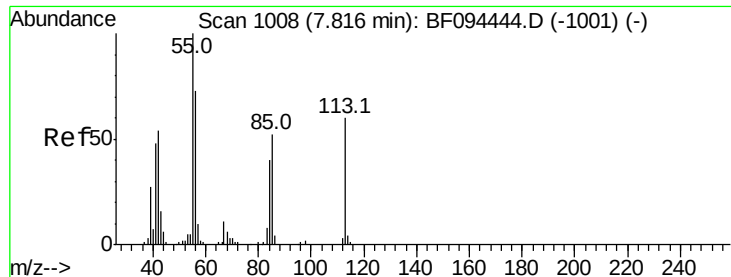
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

8.09





#35

Caprolactam

Concen: 19.86 ng

RT: 8.47 min Scan# 1086

Delta R.T. 0.04 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

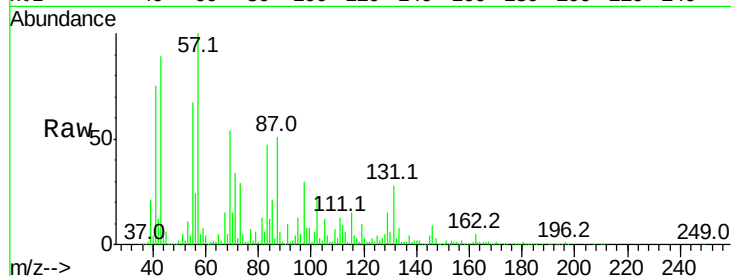
Tot Ion:113 Resp: 29267

Ion Ratio Lower Upper

113 100

55 1159.1 150.2 190.2#

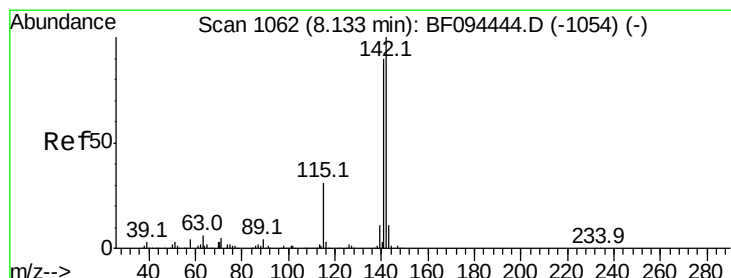
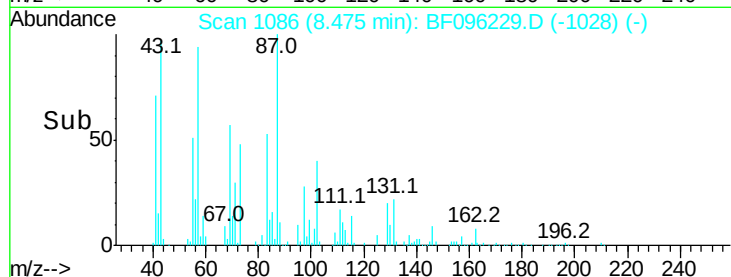
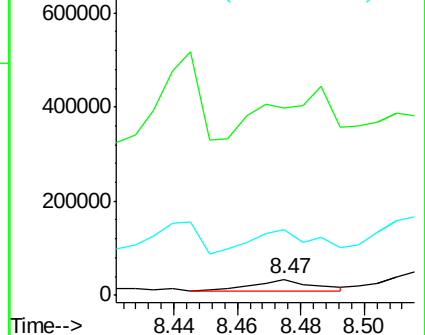
56 409.0 107.8 147.8#



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



#37

2-Methylnaphthalene

Concen: 86.35 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.04 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

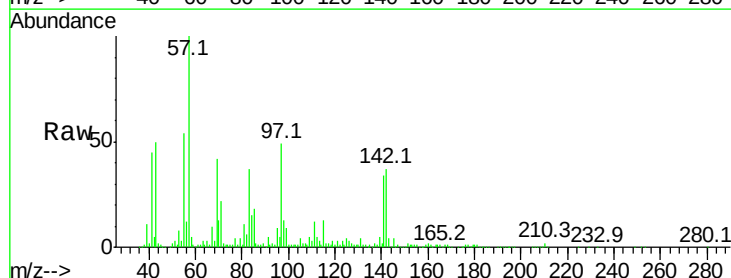
Tgt Ion:142 Resp: 912157

Ion Ratio Lower Upper

142 100

141 90.3 71.3 106.9

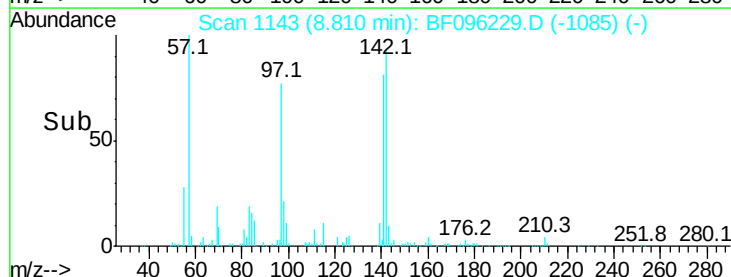
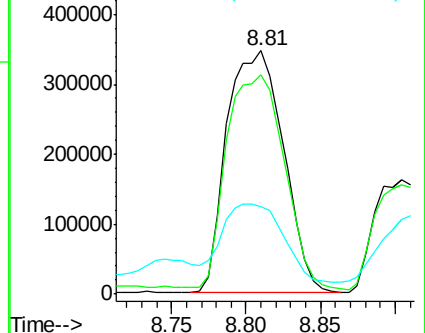
115 36.0 27.1 40.7

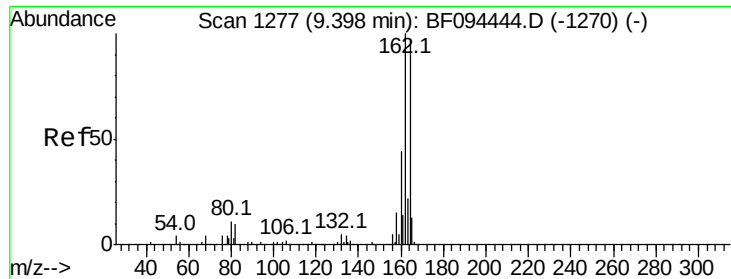


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.03 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

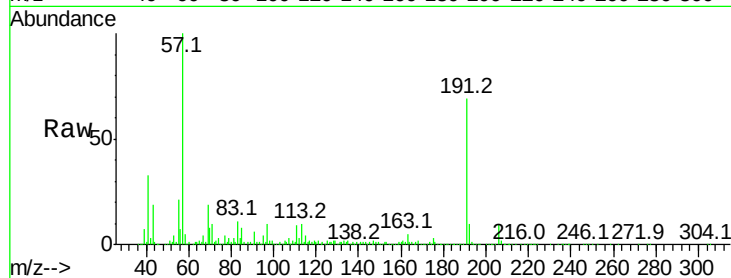
Tot Ion:164 Resp: 31130

Ion Ratio Lower Upper

164 100

162 77.9 82.6 123.8#

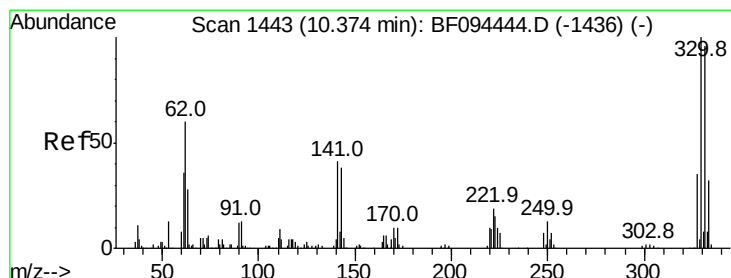
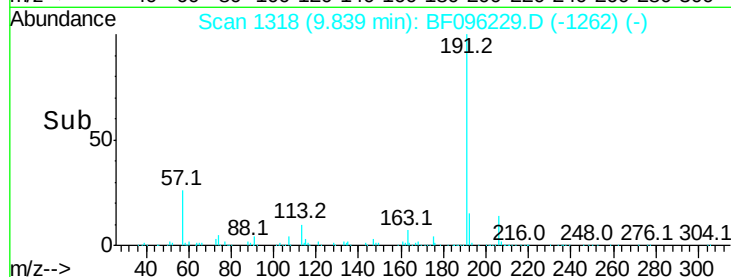
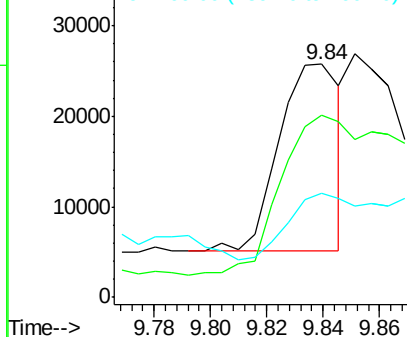
160 44.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 324.47 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.07 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

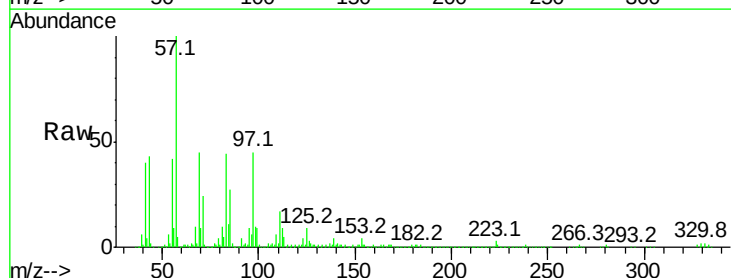
Tgt Ion:330 Resp: 79492

Ion Ratio Lower Upper

330 100

332 103.9 76.6 115.0

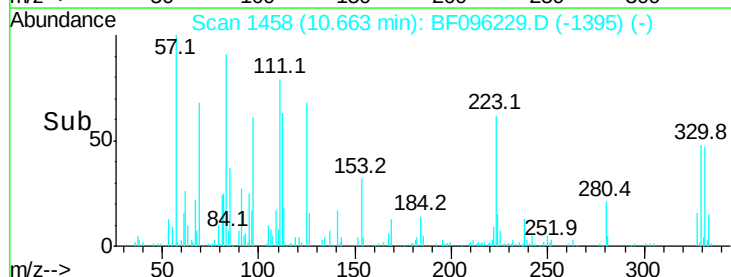
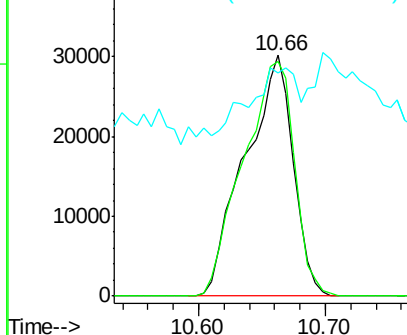
141 23.4 31.4 47.2#

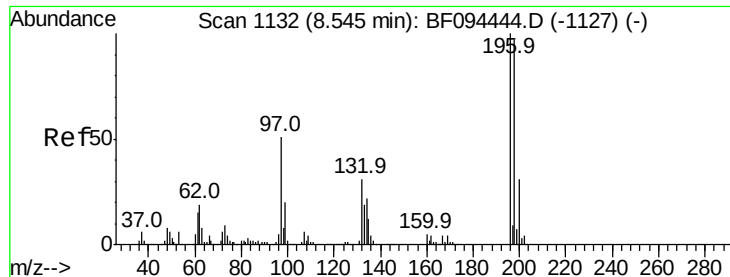


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

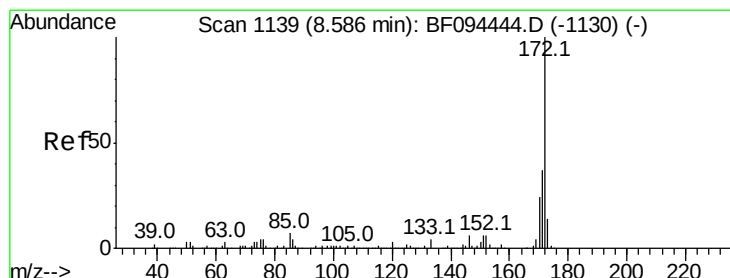
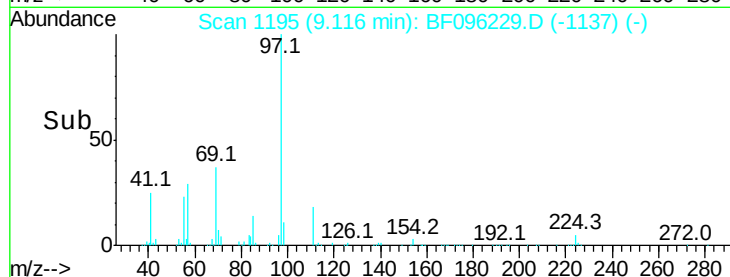
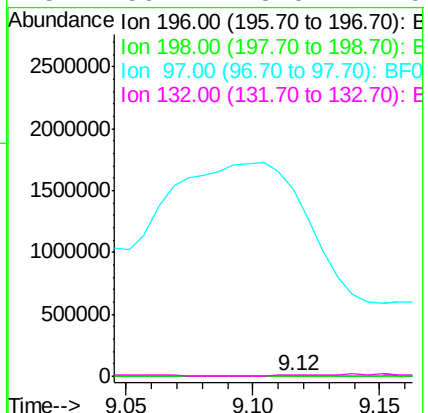
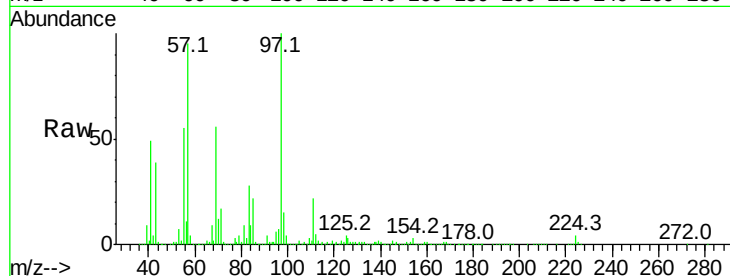




#43
 2,4,5-Trichlorophenol
 Concen: 2.81 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.04 min
 Lab File: BF096229.D
 Acq: 27 Jun 2017 21:17

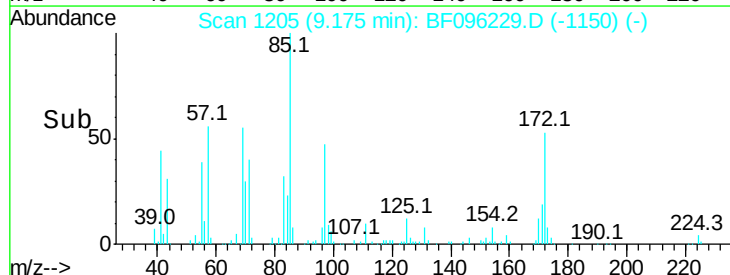
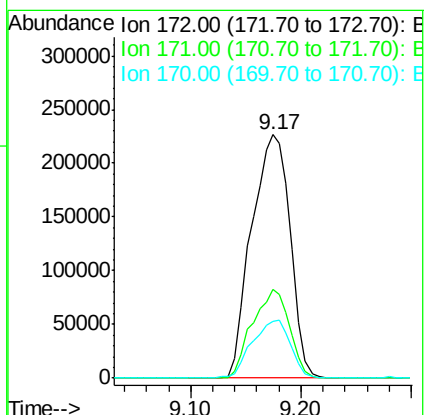
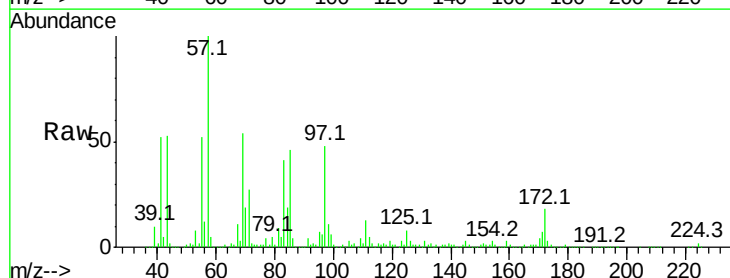
Instrument :
 BNA_F
 ClientSampled :

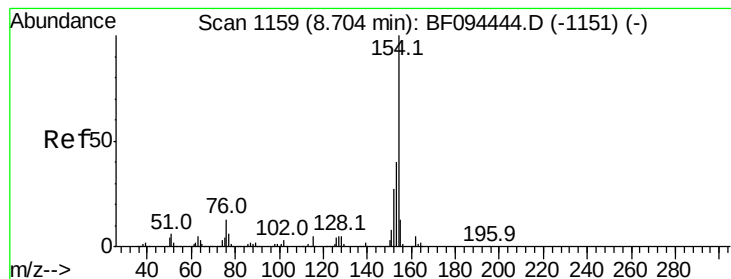
Tot Ion:196 Resp: 1684
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 97 81798.2 47.7 71.5#
 132 450.2 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 326.61 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.02 min
 Lab File: BF096229.D
 Acq: 27 Jun 2017 21:17

Tgt Ion:172 Resp: 555178
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.3 19.8 29.8





#45

1,1'-Biphenyl

Concen: 25.64 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.04 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampled :

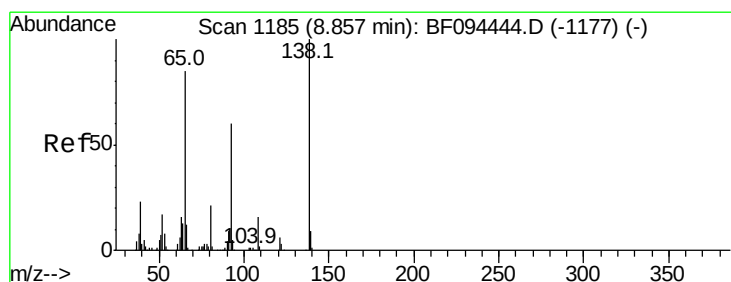
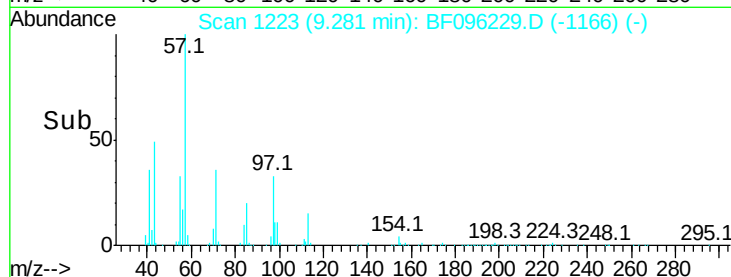
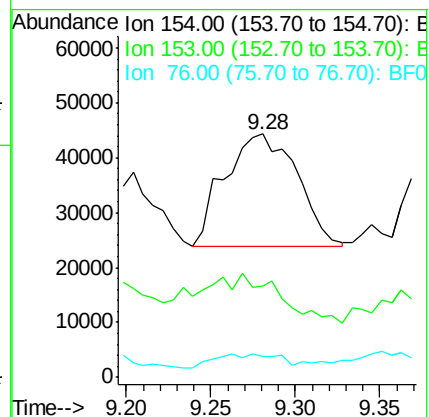
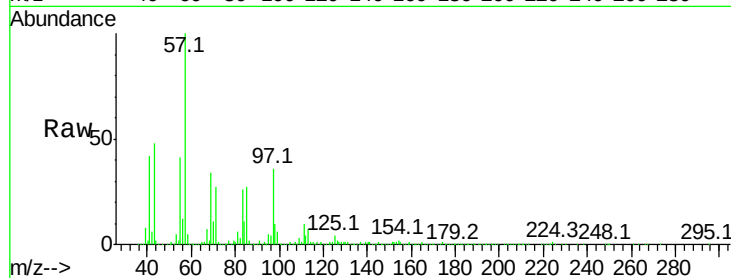
Tot Ion:154 Resp: 61230

Ion Ratio Lower Upper

154 100

153 37.4 21.2 61.2

76 8.6 0.0 29.9



#47

2-Nitroaniline

Concen: 50.65 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

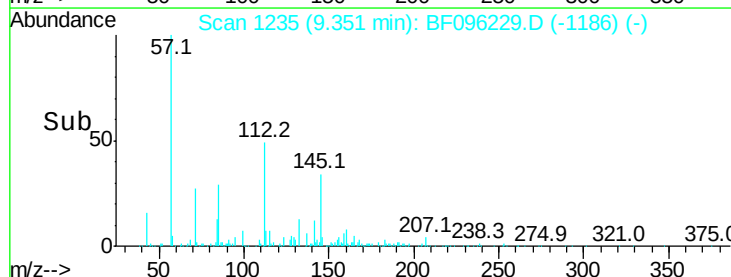
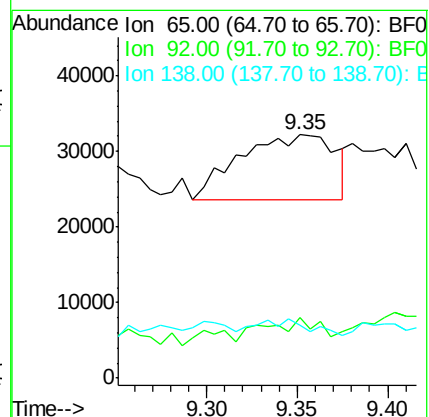
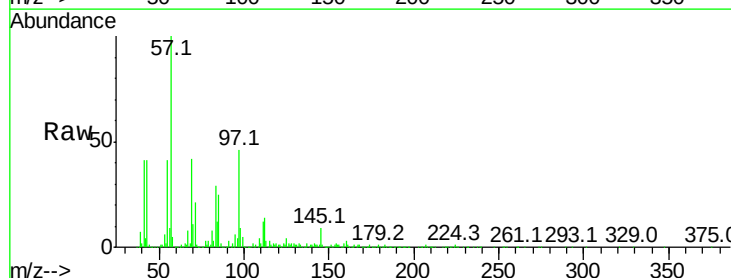
Tgt Ion: 65 Resp: 31696

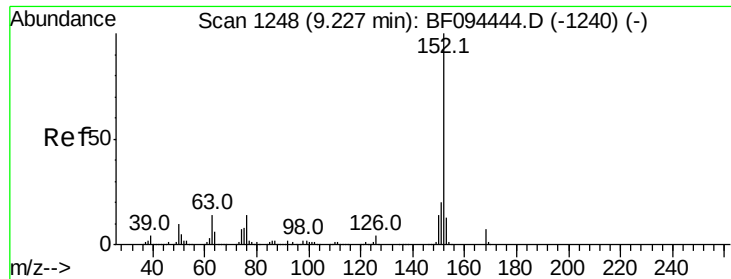
Ion Ratio Lower Upper

65 100

92 24.7 53.9 80.9#

138 21.7 78.8 118.2#





#48

Acenaphthylene

Concen: 2.21 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.05 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

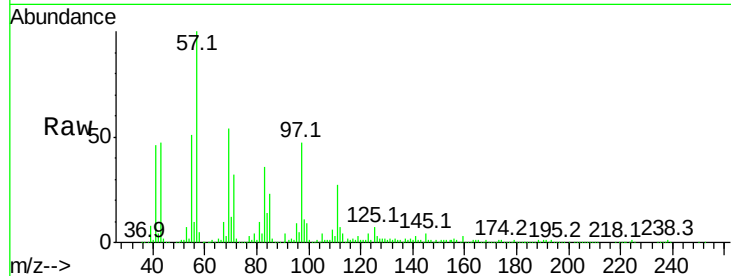
Tot Ion:152 Resp: 7252

Ion Ratio Lower Upper

152 100

151 138.4 16.8 25.2#

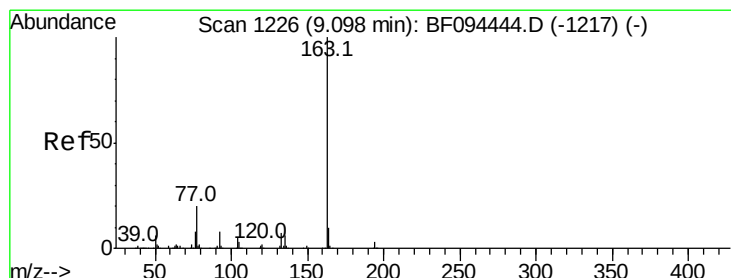
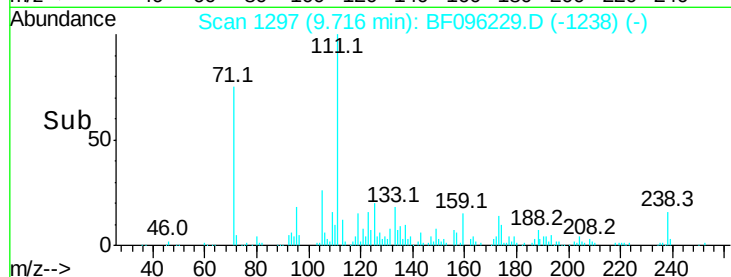
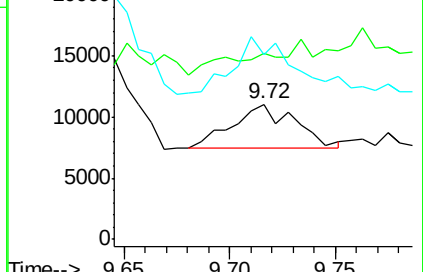
153 137.4 10.8 16.2#



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: 25.40 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.04 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

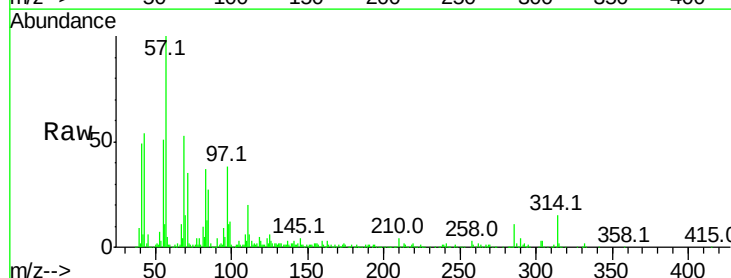
Tgt Ion:163 Resp: 56597

Ion Ratio Lower Upper

163 100

194 26.5 2.6 4.0#

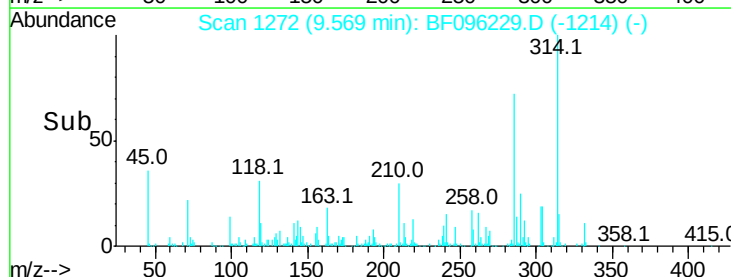
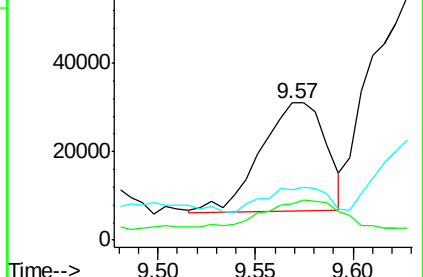
164 36.4 8.4 12.6#

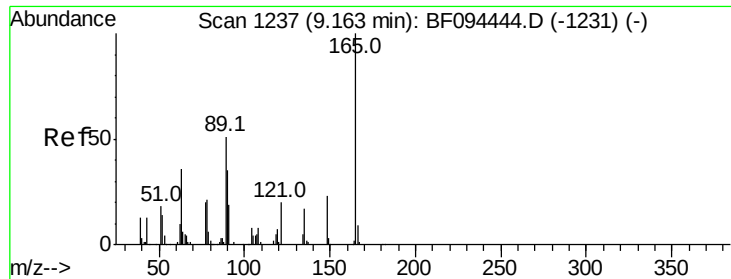


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

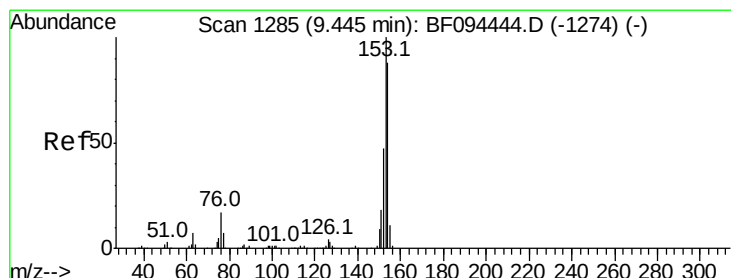
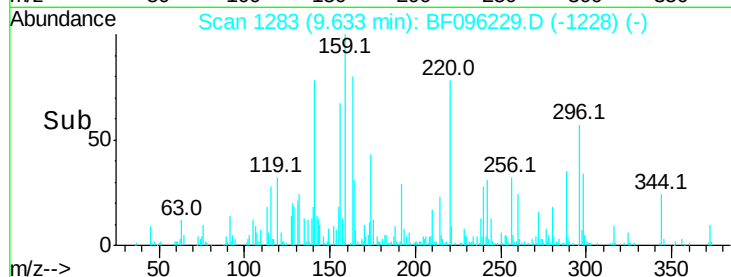
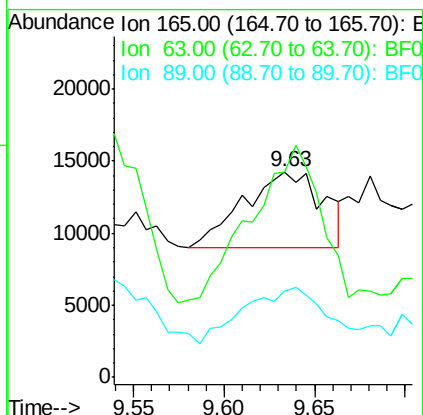
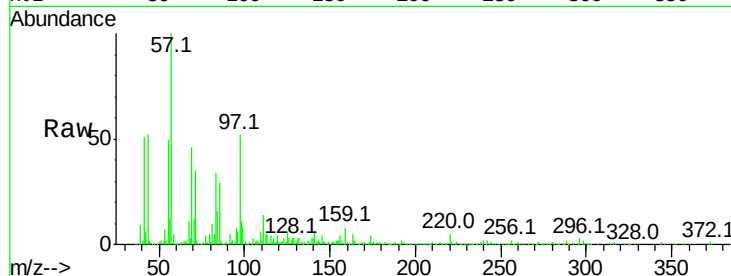




#50
2,6-Dinitrotoluene
Concen: 35.07 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

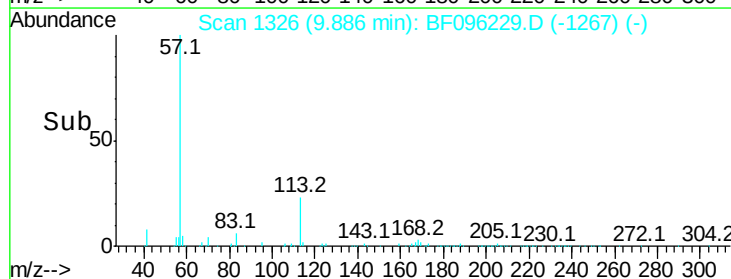
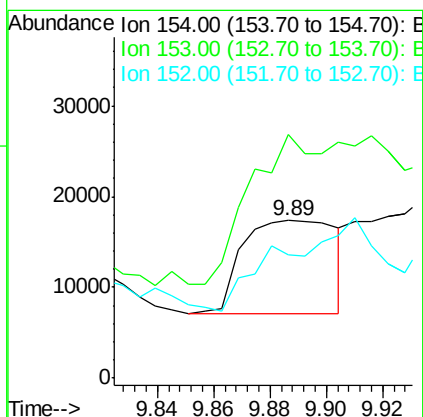
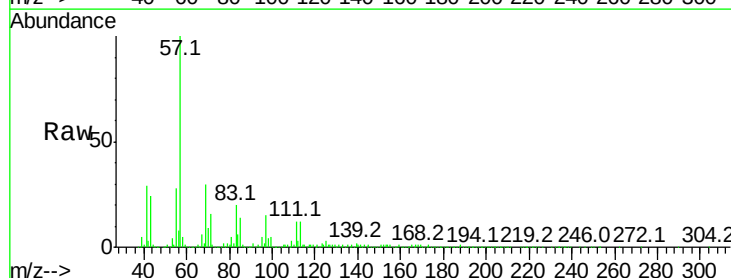
Instrument :
BNA_F
ClientSampleId :

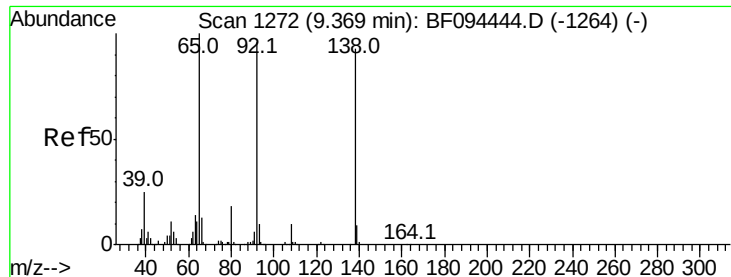
Tot Ion:165 Resp: 16254
Ion Ratio Lower Upper
165 100
63 99.9 34.3 51.5#
89 42.2 37.1 55.7



#51
Acenaphthene
Concen: 12.32 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.05 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Tgt Ion:154 Resp: 23841
Ion Ratio Lower Upper
154 100
153 154.3 90.5 135.7#
152 78.1 43.6 65.4#

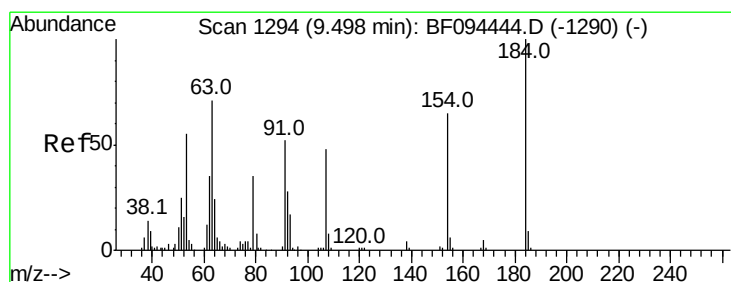
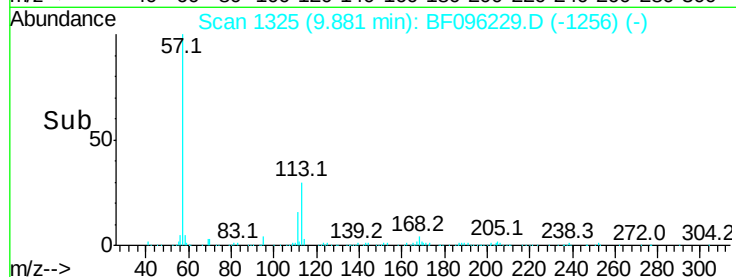
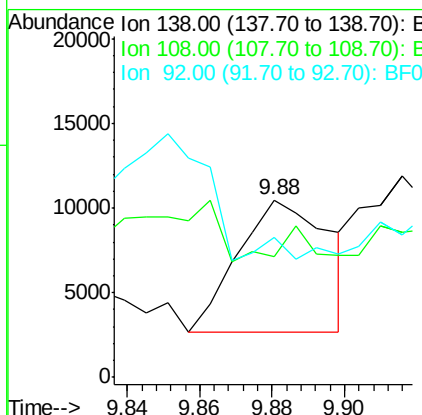
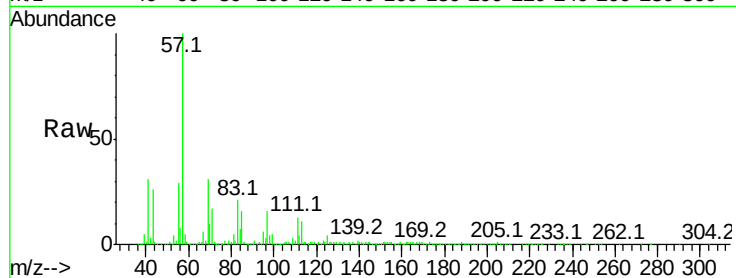




#52
3-Nitroaniline
Concen: 23.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.11 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

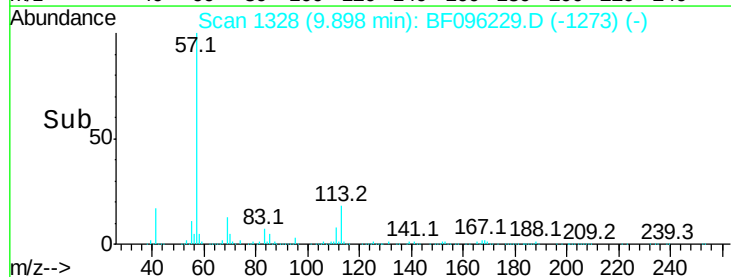
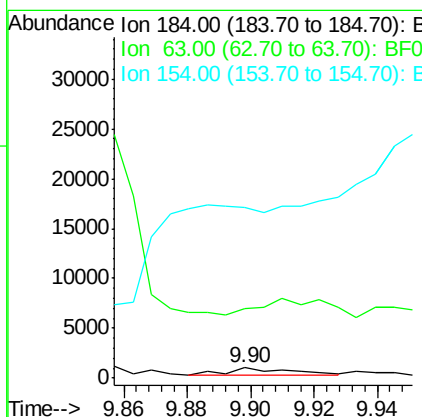
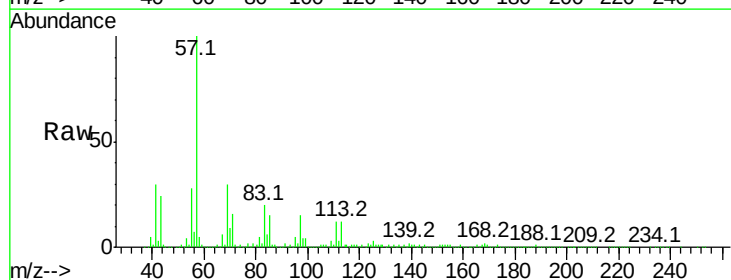
Instrument :
BNA_F
ClientSampleId :

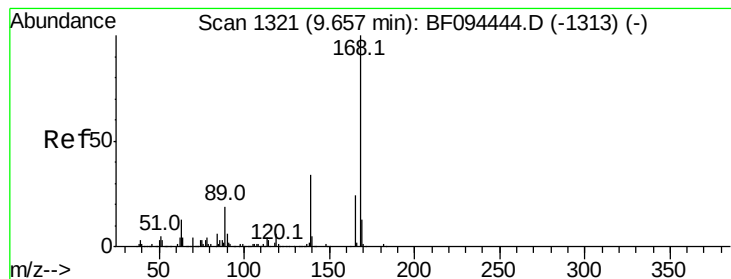
Tot Ion:138 Resp: 13651
Ion Ratio Lower Upper
138 100
108 68.4 9.1 13.7#
92 79.1 93.8 140.6#



#53
2,4-Dinitrophenol
Concen: 13.06 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Tgt Ion:184 Resp: 842
Ion Ratio Lower Upper
184 100
63 667.1 62.7 94.1#
154 1638.2 81.1 121.7#





#54

Dibenzofuran

Concen: 28.01 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.02 min

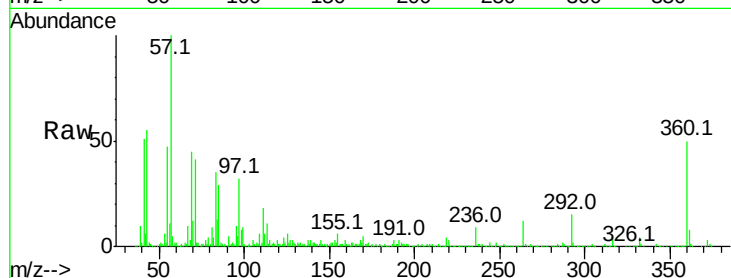
Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampled :



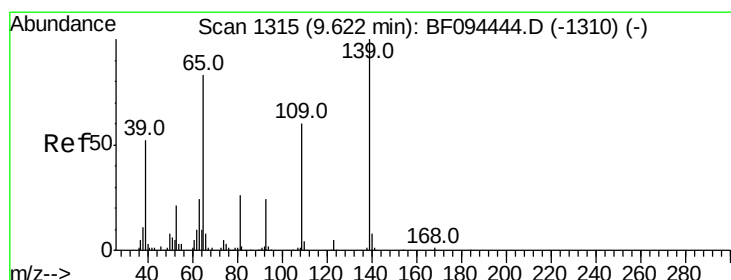
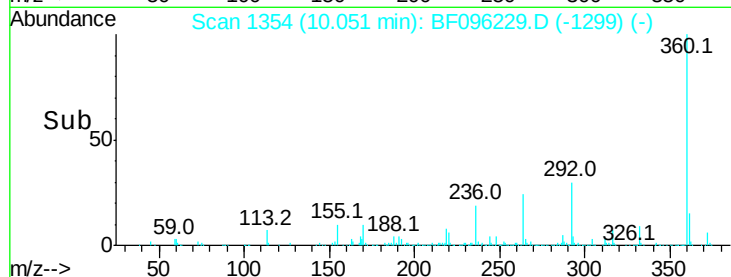
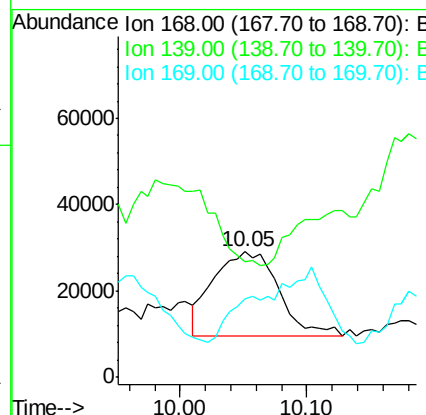
Tot Ion:168 Resp: 70757

Ion Ratio Lower Upper

168 100

139 92.0 30.6 45.8#

169 62.5 10.8 16.2#



#55

4-Nitrophenol

Concen: 119.27 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

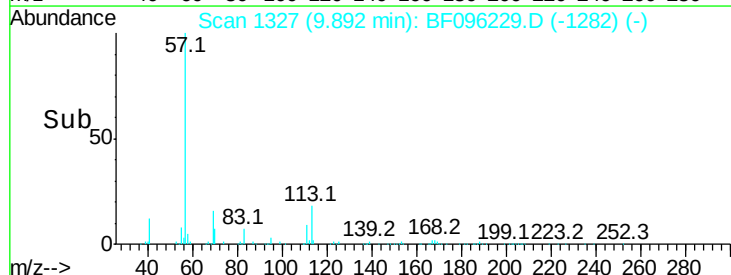
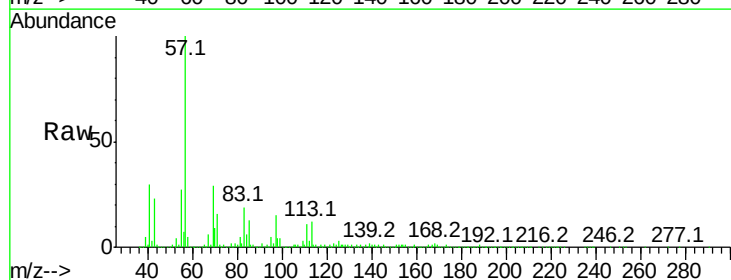
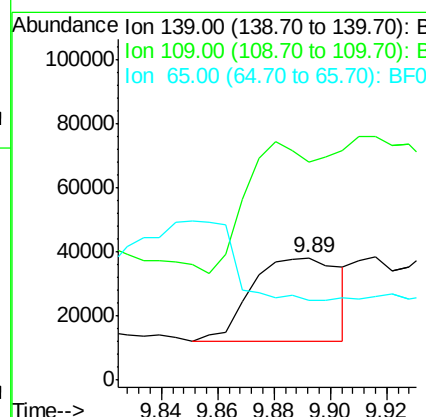
Tgt Ion:139 Resp: 57232

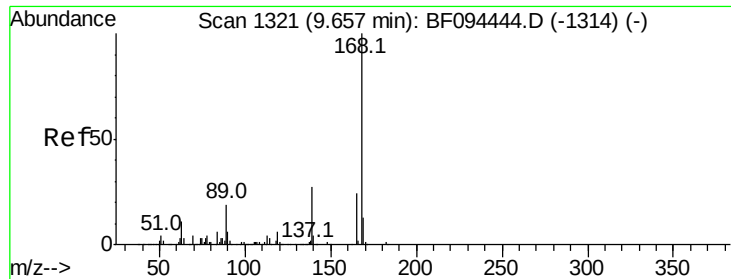
Ion Ratio Lower Upper

139 100

109 177.9 34.1 74.1#

65 65.4 31.4 71.4

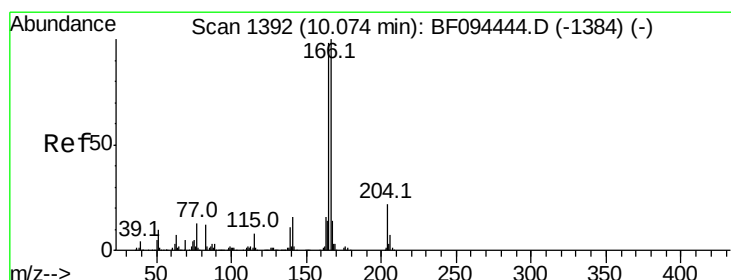
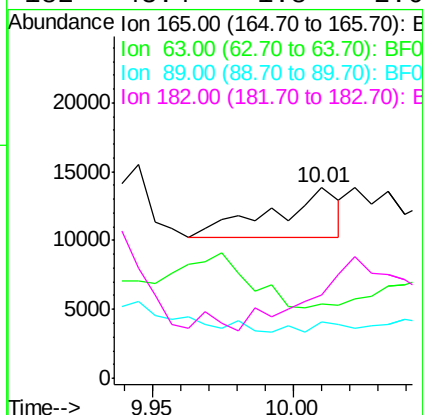
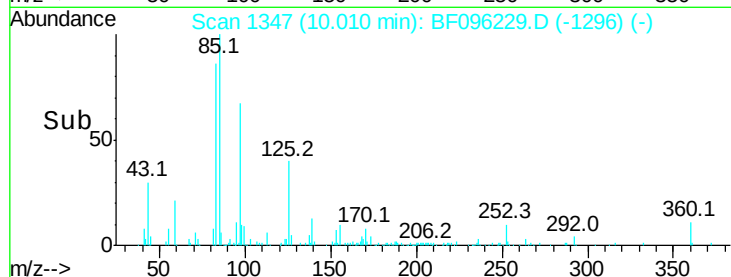
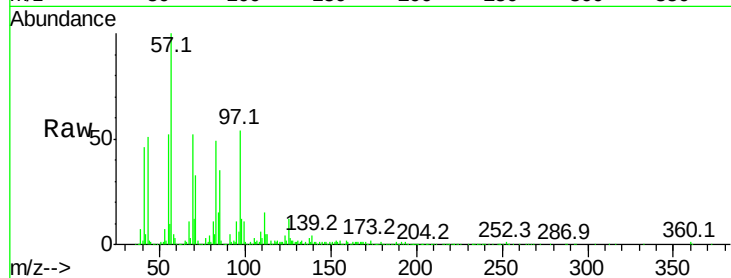




#56
2,4-Dinitrotoluene
Concen: 10.11 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

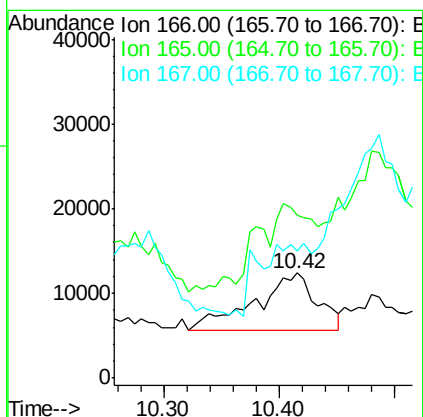
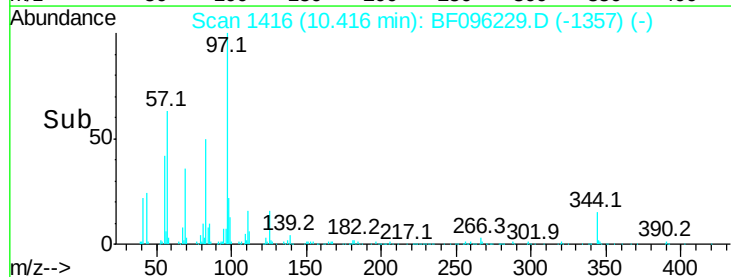
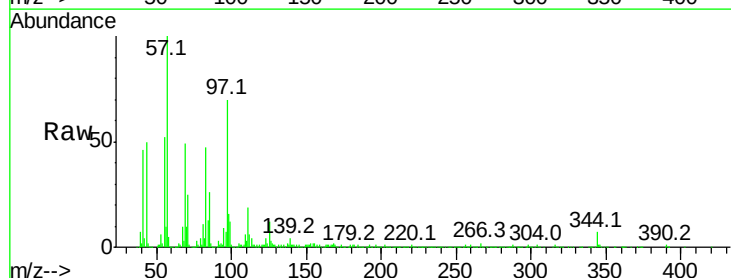
Instrument :
BNA_F
ClientSampled :

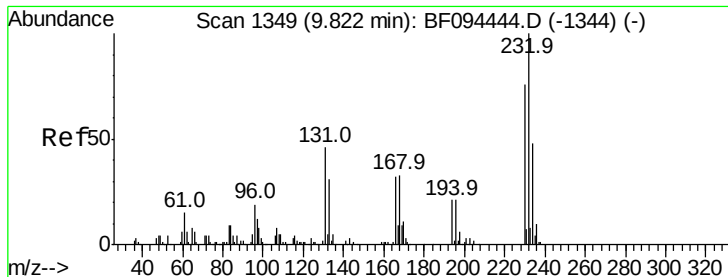
Tot Ion:165 Resp: 5905
Ion Ratio Lower Upper
165 100
63 39.2 25.4 38.0#
89 29.9 46.4 69.6#
182 43.4 1.8 2.6#



#57
Fluorene
Concen: 14.91 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.05 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Tgt Ion:166 Resp: 25941
Ion Ratio Lower Upper
166 100
165 155.4 78.8 118.2#
167 121.0 10.6 16.0#

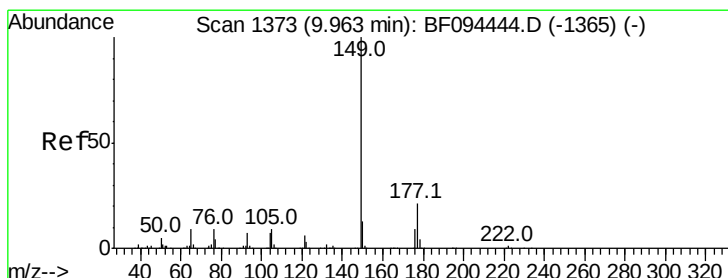
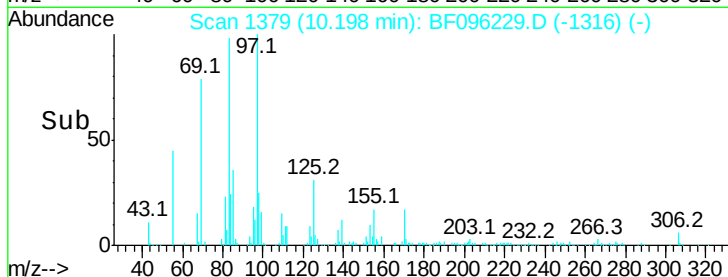
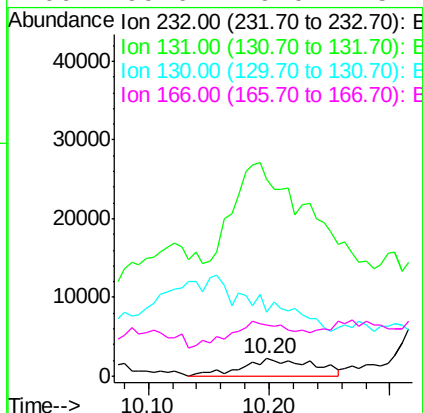
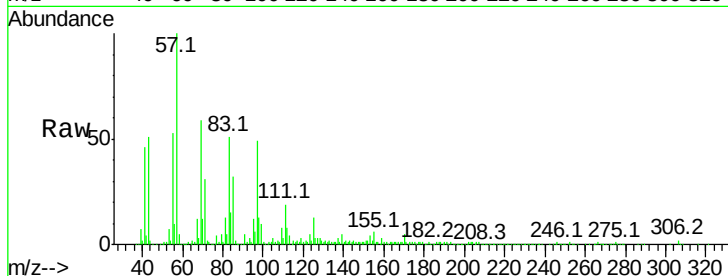




#58
2,3,4,6-Tetrachlorophenol
Concen: 22.00 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.07 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

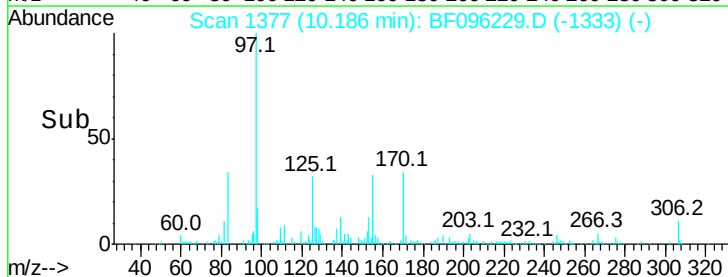
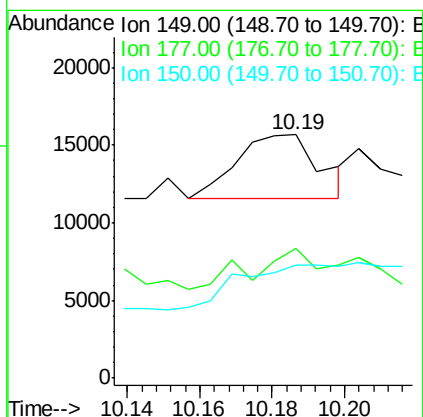
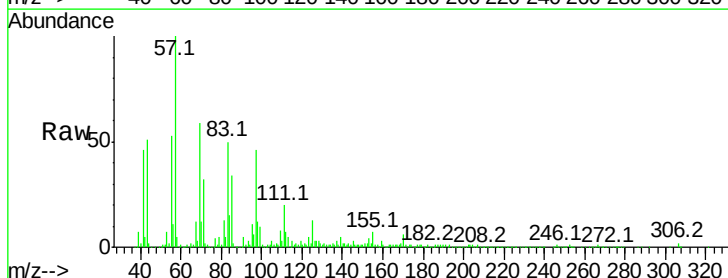
Instrument :
BNA_F
ClientSampleId :

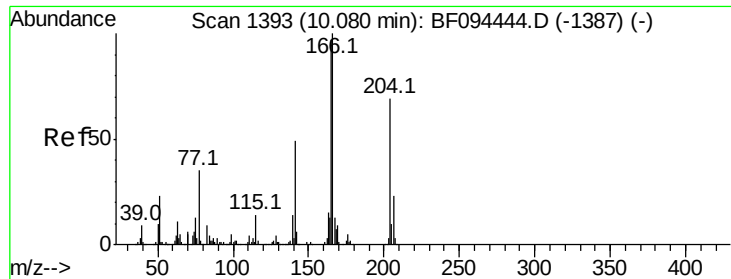
Tot Ion:232 Resp: 9201
Ion Ratio Lower Upper
232 100
131 803.5 44.8 67.2#
130 0.0 2.3 3.5#
166 99.6 29.0 43.4#



#59
Diethylphthalate
Concen: 2.96 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.04 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Tgt Ion:149 Resp: 6631
Ion Ratio Lower Upper
149 100
177 53.5 16.7 25.1#
150 46.7 10.2 15.2#

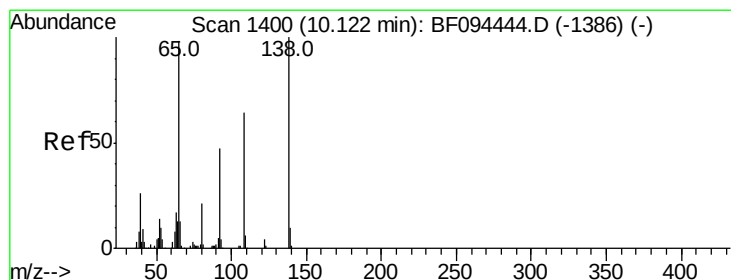
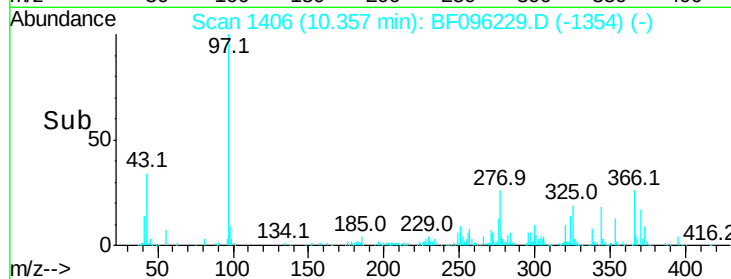
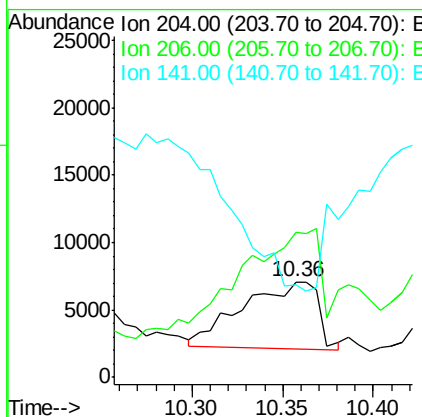
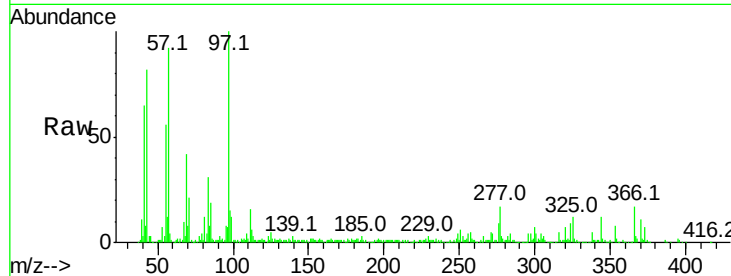




#60
4-Chlorophenyl-phenylether
Concen: 20.49 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

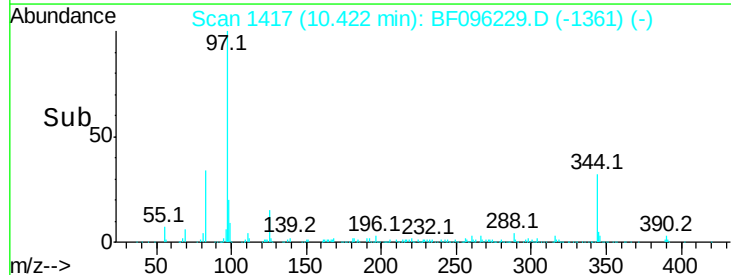
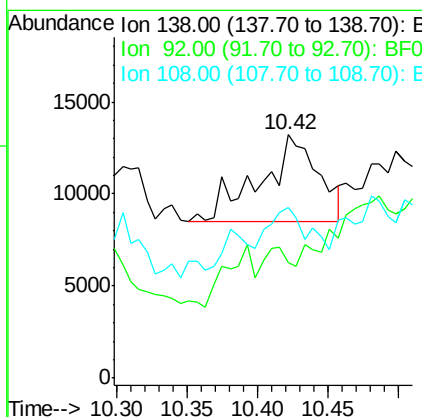
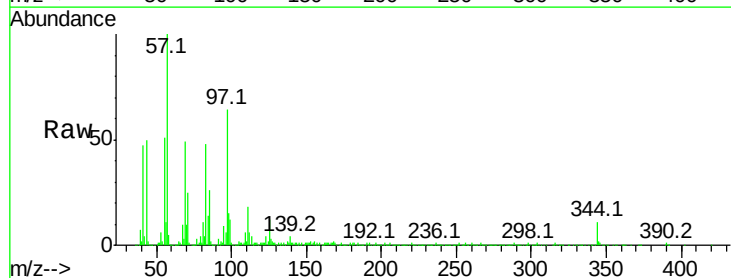
Instrument :
BNA_F
ClientSampleId :

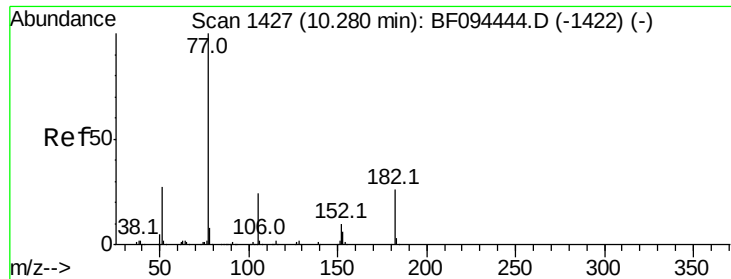
Tot Ion:204 Resp: 14365
Ion Ratio Lower Upper
204 100
206 152.2 26.2 39.2#
141 96.8 60.8 91.2#



#61
4-Nitroaniline
Concen: 26.22 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.03 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Tgt Ion:138 Resp: 13538
Ion Ratio Lower Upper
138 100
92 47.4 21.8 61.8
108 70.0 42.3 82.3





#62

Azobenzene

Concen: 31.64 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.07 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 71371

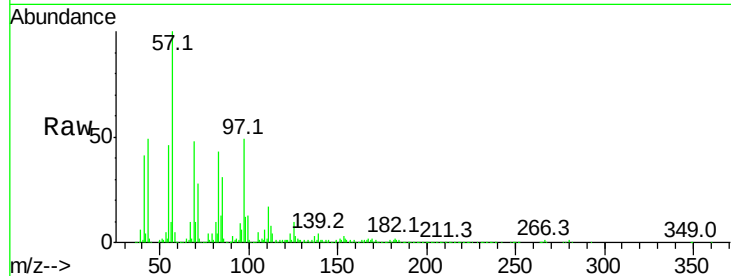
Ion Ratio Lower Upper

77 100

182 56.5 0.1 40.1#

105 107.6 3.6 43.6#

51 40.6 9.4 49.4

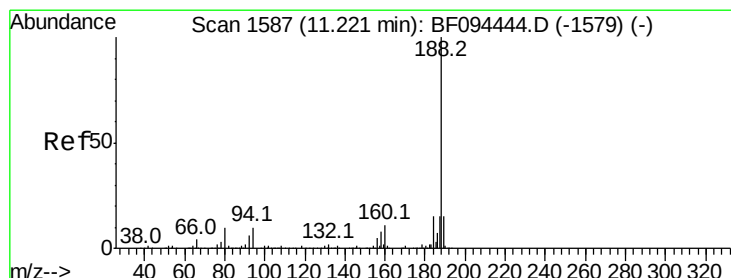
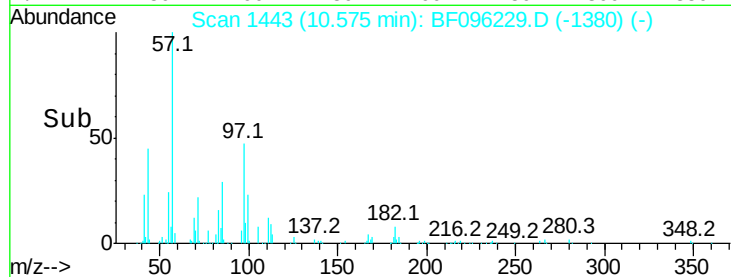
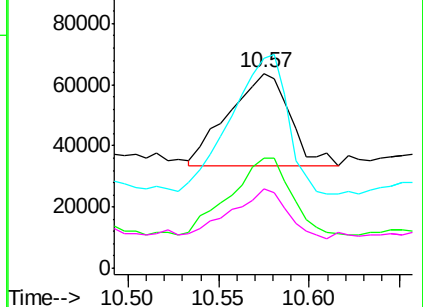


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 1576

Delta R.T. 0.07 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

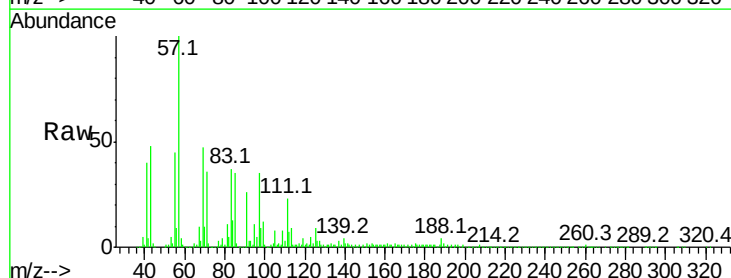
Tgt Ion: 188 Resp: 99329

Ion Ratio Lower Upper

188 100

94 34.7 9.4 14.2#

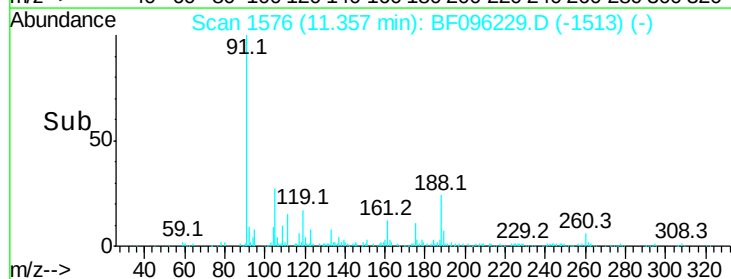
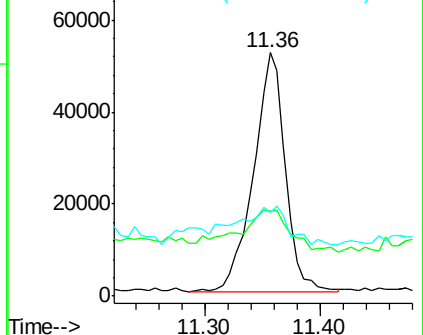
80 34.5 10.2 15.2#

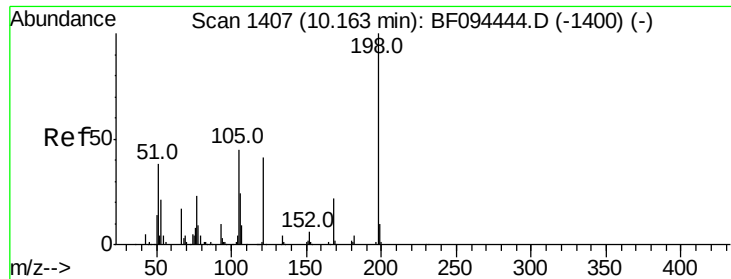


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

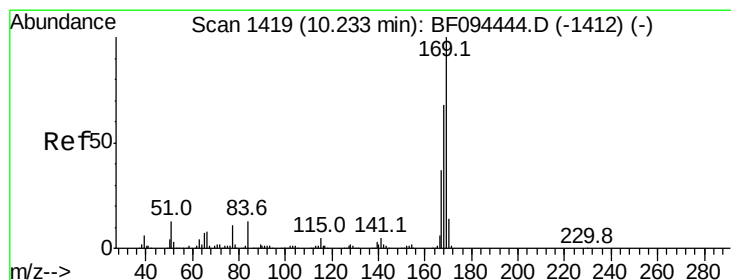
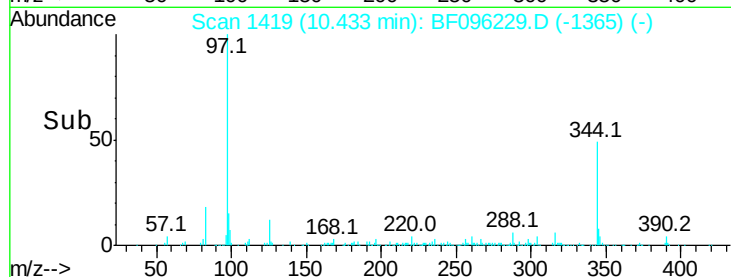
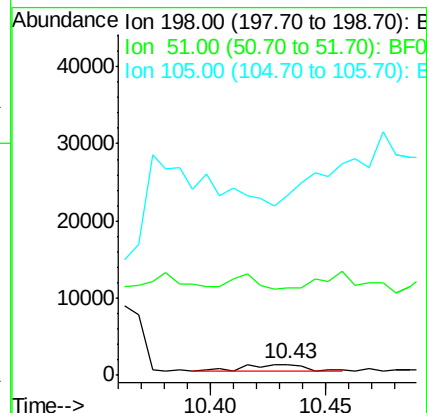
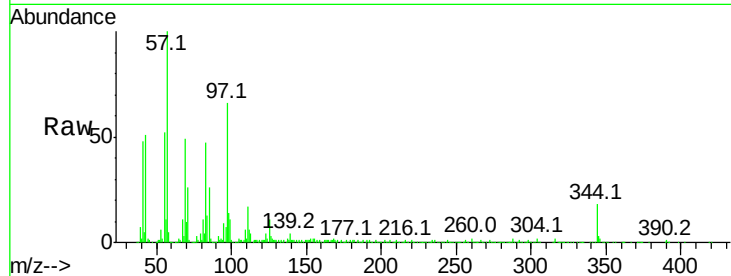




#64
4,6-Dinitro-2-methylphenol
Concen: 11.41 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.02 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

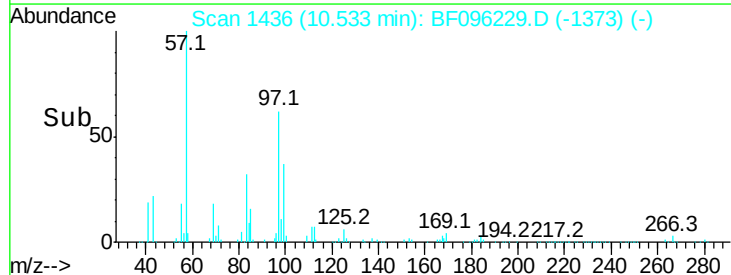
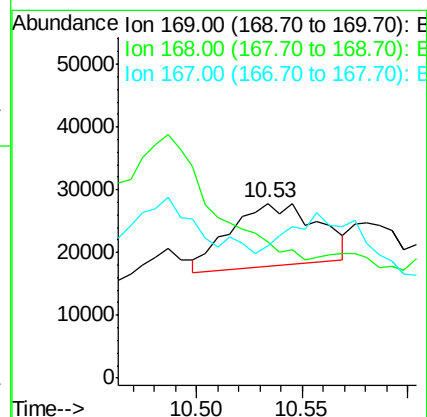
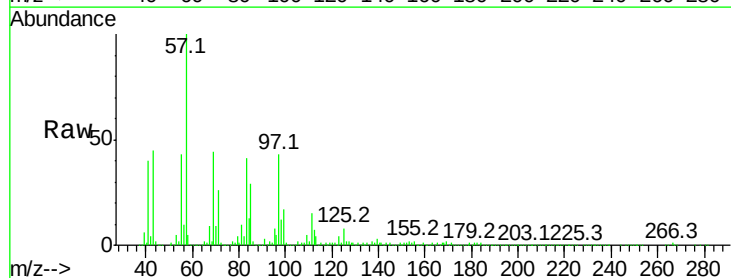
Instrument :
BNA_F
ClientSampleId :

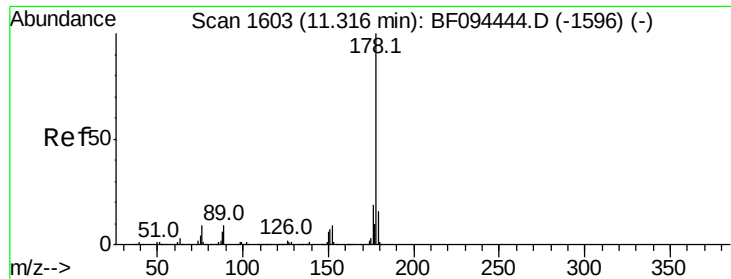
Tot Ion:198 Resp: 1693
Ion Ratio Lower Upper
198 100
51 792.7 53.2 93.2#
105 1634.9 45.8 85.8#



#65
n-Nitrosodiphenylamine
Concen: 8.04 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.07 min
Lab File: BF096229.D
Acq: 27 Jun 2017 21:17

Tgt Ion:169 Resp: 28708
Ion Ratio Lower Upper
169 100
168 78.3 53.2 79.8
167 75.4 29.5 44.3#





#71

Anthracene

Concen: 3.97 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.11 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampled :

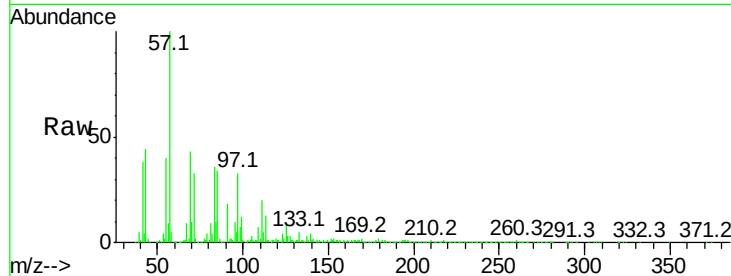
Tot Ion:178 Resp: 22026

Ion Ratio Lower Upper

178 100

176 30.9 15.8 23.8#

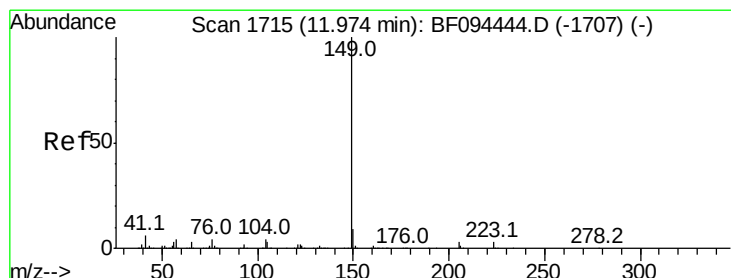
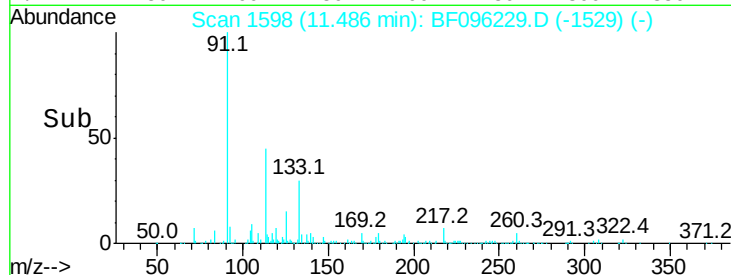
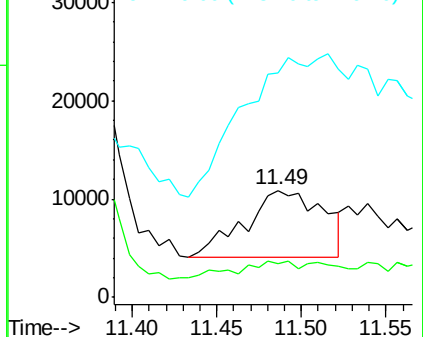
179 209.8 12.7 19.1#



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



#73

Di-n-butylphthalate

Concen: 4.39 ng

RT: 11.92 min Scan# 1672

Delta R.T. 0.06 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

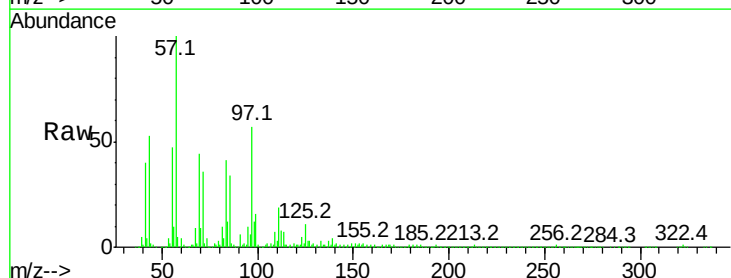
Tgt Ion:149 Resp: 28414

Ion Ratio Lower Upper

149 100

150 23.8 7.7 11.5#

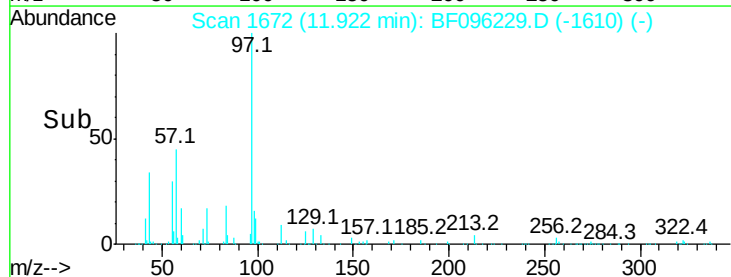
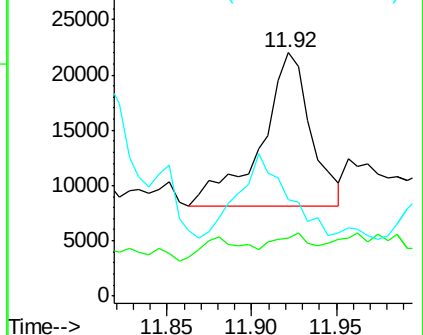
104 39.7 4.0 6.0#

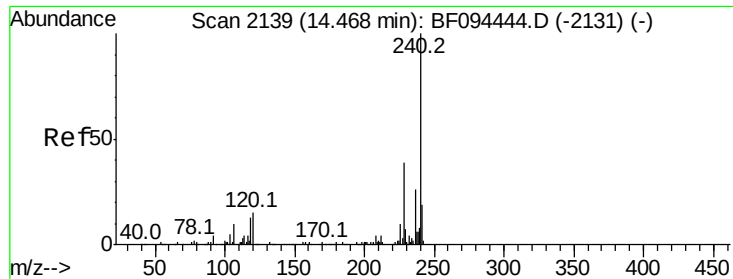


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.07 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

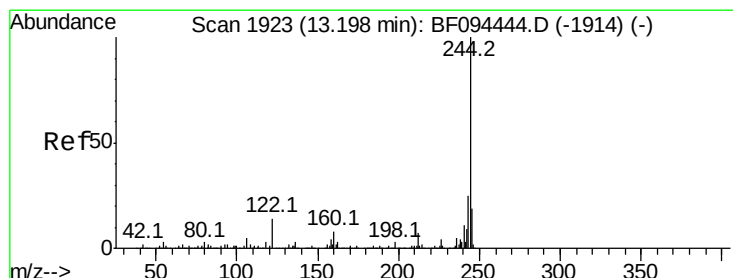
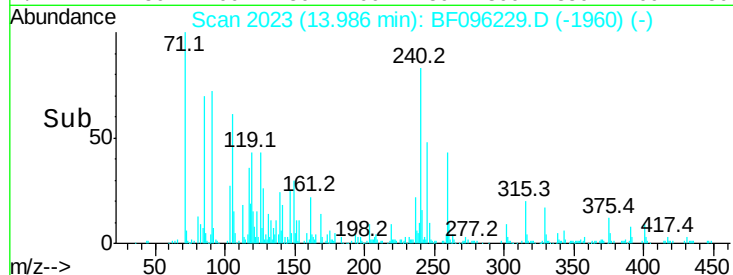
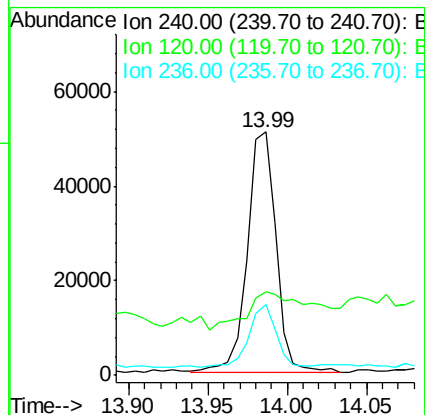
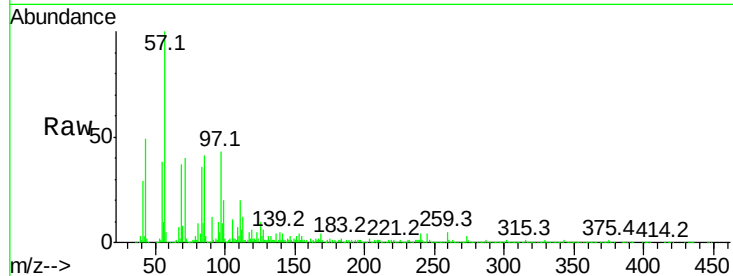
Tot Ion:240 Resp: 63806

Ion Ratio Lower Upper

240 100

120 34.1 5.8 8.8#

236 29.2 20.5 30.7



#78

Terphenyl-d14

Concen: 87.70 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.07 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

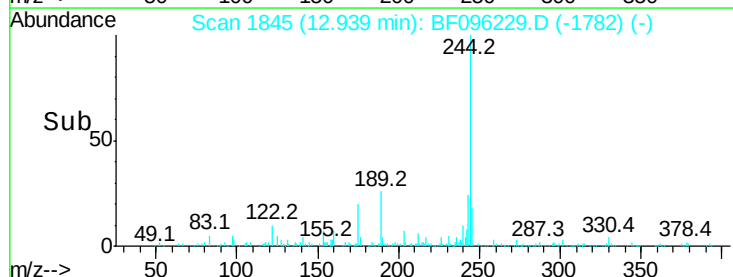
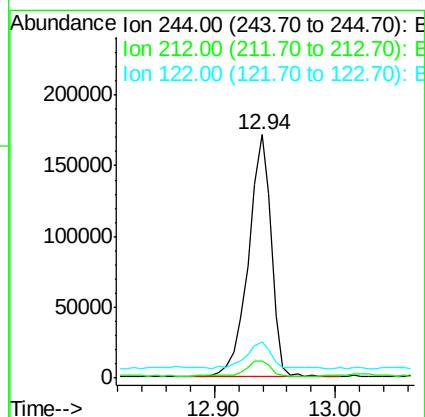
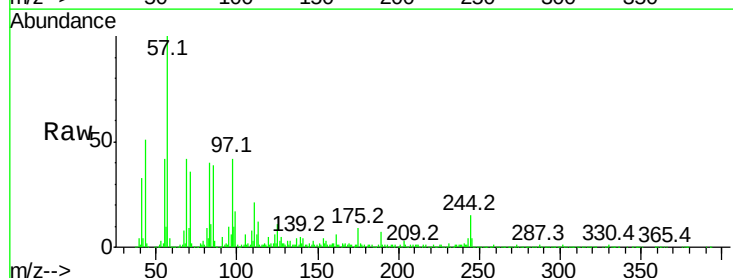
Tgt Ion:244 Resp: 224251

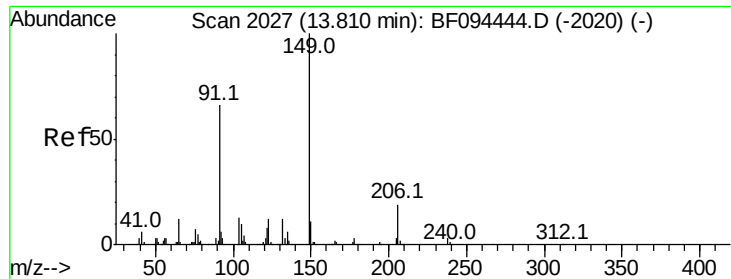
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 14.9 10.3 15.5

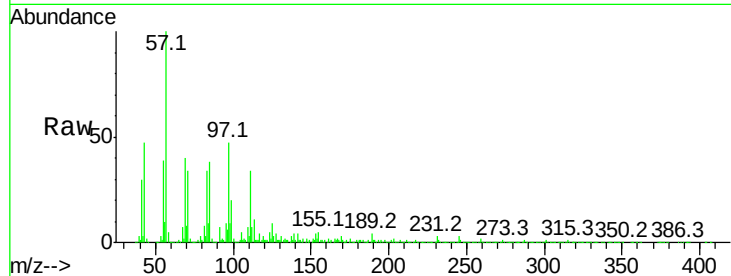




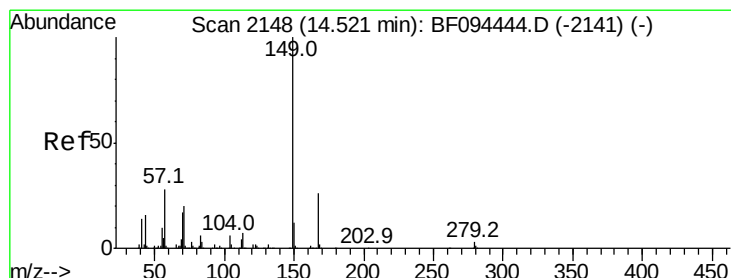
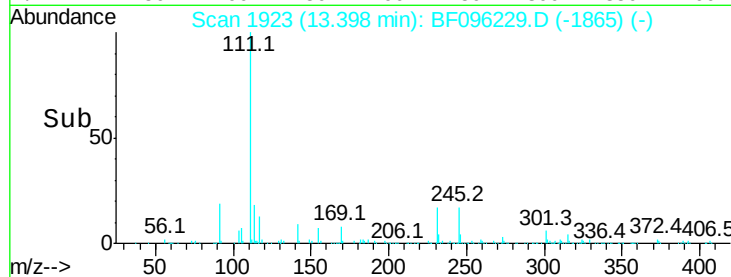
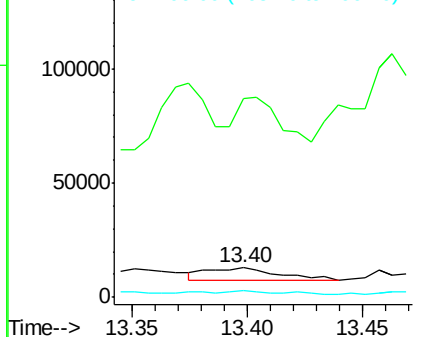
#79
 Butylbenzylphthalate
 Concen: 4.59 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.04 min
 Lab File: BF096229.D
 Acq: 27 Jun 2017 21:17

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:149 Resp: 11021
 Ion Ratio Lower Upper
 149 100
 91 669.1 45.0 67.4#
 206 21.3 17.0 25.6

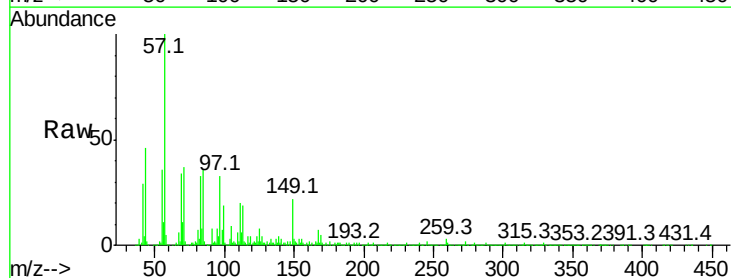


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

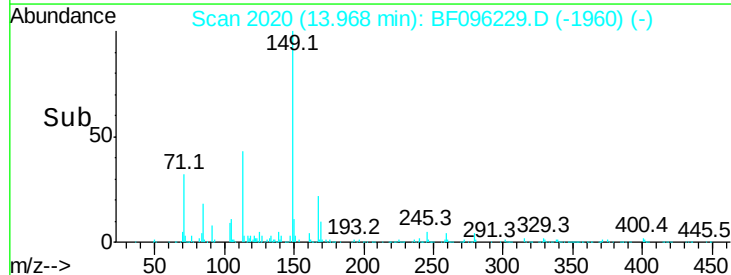
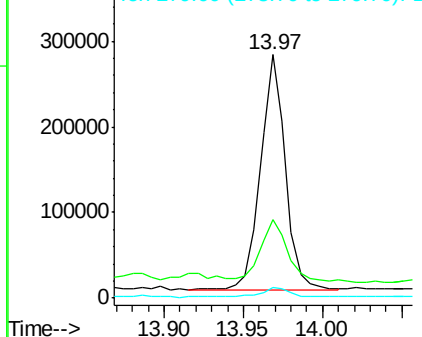


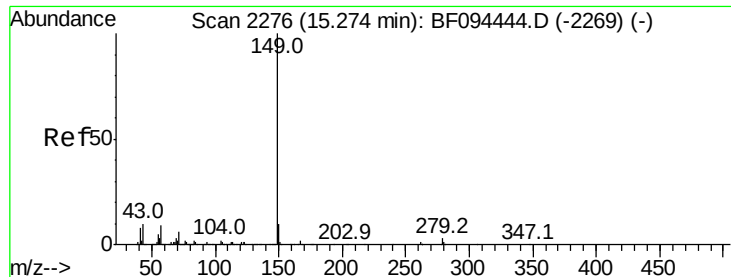
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 115.72 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.05 min
 Lab File: BF096229.D
 Acq: 27 Jun 2017 21:17

Tgt Ion:149 Resp: 302199
 Ion Ratio Lower Upper
 149 100
 167 32.0 21.0 31.4#
 279 4.5 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 147.12 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.06 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

Instrument :

BNA_F

ClientSampleId :

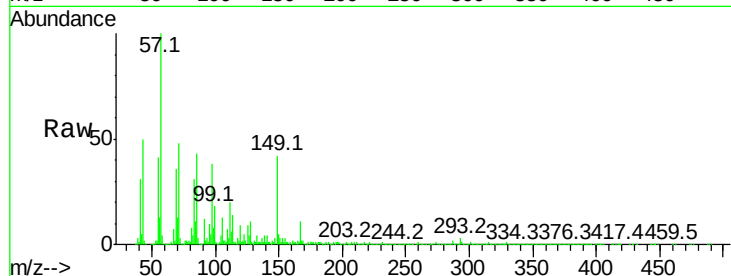
Tot Ion:149 Resp: 791350

Ion Ratio Lower Upper

149 100

167 18.3 1.2 1.8#

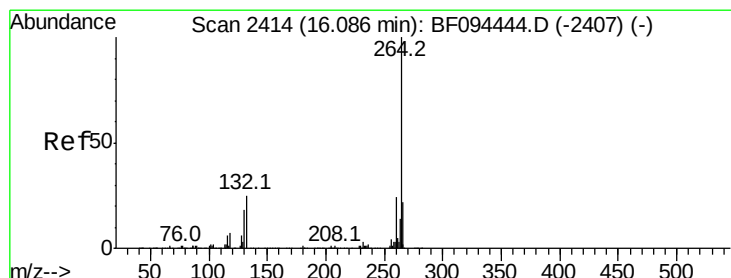
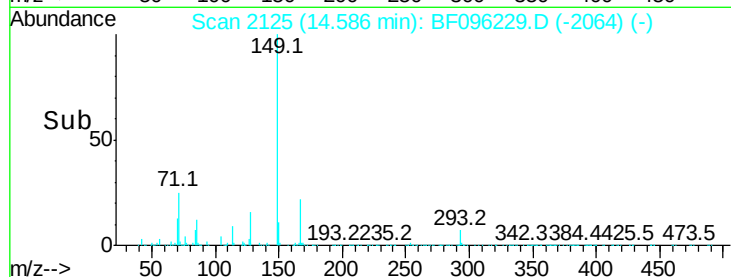
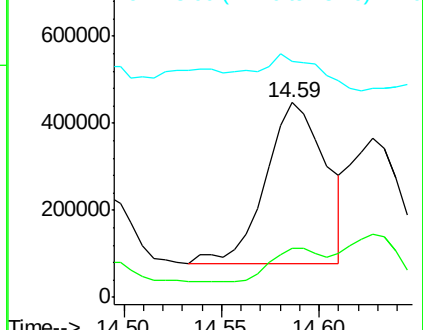
43 17.7 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.11 min

Lab File: BF096229.D

Acq: 27 Jun 2017 21:17

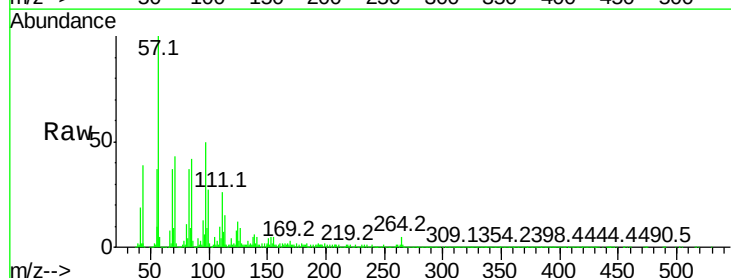
Tgt Ion:264 Resp: 85876

Ion Ratio Lower Upper

264 100

260 26.1 19.5 29.3

265 23.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

