

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099360.D
 Acq On : 11 Oct 2017 22:33
 Operator : SJ/JU
 Sample : I5766-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

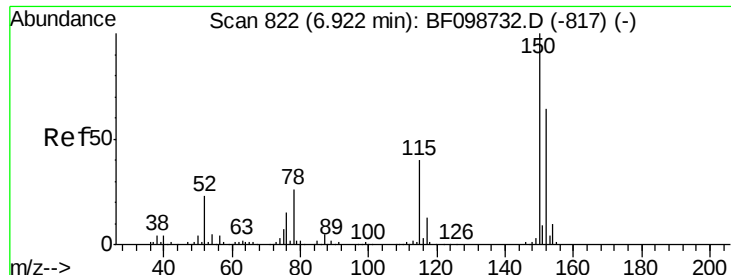
Quant Time: Oct 12 00:52:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94118	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	358521	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	147285	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	191534	20.00	ng	0.00
75) Chrysene-d12	14.03	240	167595	20.00	ng	0.01
86) Perylene-d12	15.50	264	198574	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	368541	62.33	ng	0.00
7) Phenol-d6	6.50	99	241987	33.18	ng	0.01
23) Nitrobenzene-d5	7.42	82	572788	102.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	135860	112.73	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	991348	112.37	ng	0.00
78) Terphenyl-d14	12.97	244	579012	78.57	ng	0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	21289	5.03	ng	87
10) Phenol	6.51	94	46072	5.65	ng	97
15) Benzyl Alcohol	7.01	79	259521	48.50	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	33431	3.38	ng	84
17) 2-Methylphenol	7.01	107	152220	27.79	ng	# 17
18) Hexachloroethane	7.41	117	6977	2.72	ng	# 35
19) n-Nitroso-di-n-propylamine	7.26	70	9998	2.15	ng	# 1
20) 3+4-Methylphenols	7.27	107	43344	6.25	ng	96
22) Acetophenone	7.26	105	72258	8.32	ng	97
24) Nitrobenzene	7.41	77	78781	12.42	ng	# 46
25) Isophorone	7.80	82	58976	5.10	ng	# 74
26) 2-Nitrophenol	7.75	139	6312	2.07	ng	# 61
31) Naphthalene	8.16	128	161648	9.60	ng	99
32) Benzoic acid	7.99	122	16249	3.43	ng	95
35) Caprolactam	8.60	113	15919	10.04	ng	# 1
36) 4-Chloro-3-methylphenol	8.69	107	12305	2.21	ng	# 24
37) 2-Methylnaphthalene	8.85	142	41034	3.75	ng	97
47) 2-Nitroaniline	9.37	65	34337	11.80	ng	# 16
51) Acenaphthene	9.92	154	30007	3.26	ng	93
53) 2,4-Dinitrophenol	9.97	184	1006	6.57	ng	# 1
54) Dibenzofuran	10.10	168	27005	2.20	ng	# 85
55) 4-Nitrophenol	10.03	139	5102	2.14	ng	# 52
66) 4-Bromophenyl-phenylether	10.69	248	9600	5.12	ng	# 1
68) Atrazine	11.07	200	4112	2.06	ng	# 19
70) Phenanthrene	11.40	178	108388	10.57	ng	99
71) Anthracene	11.40	178	108388	10.33	ng	98
72) Carbazole	11.62	167	201280	19.59	ng	98
74) Fluoranthene	12.60	202	27045	2.61	ng	74

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

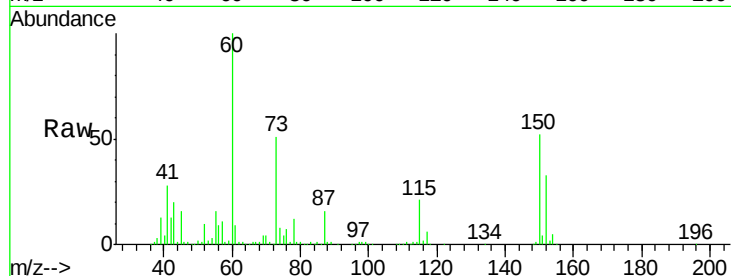


#1

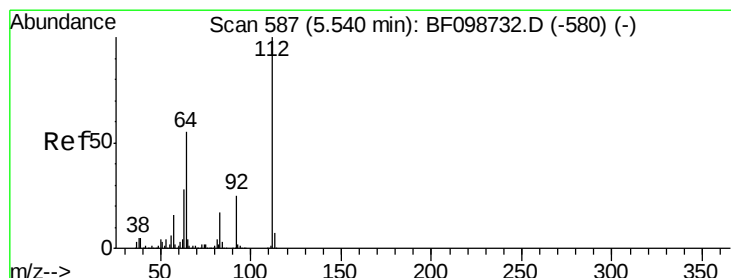
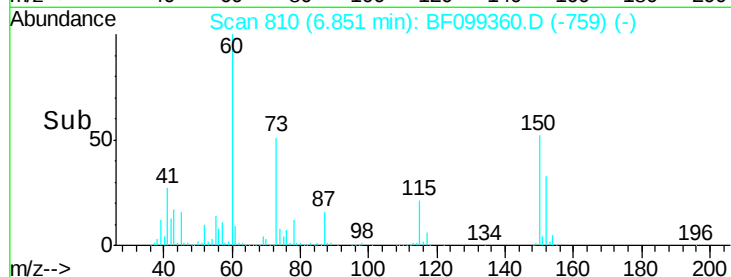
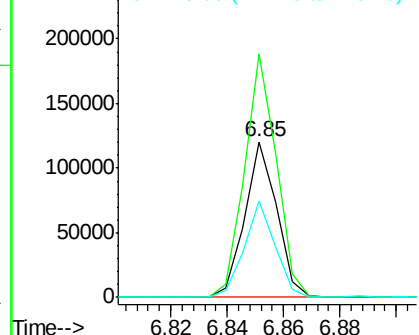
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94118
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 62.2 50.1 75.1



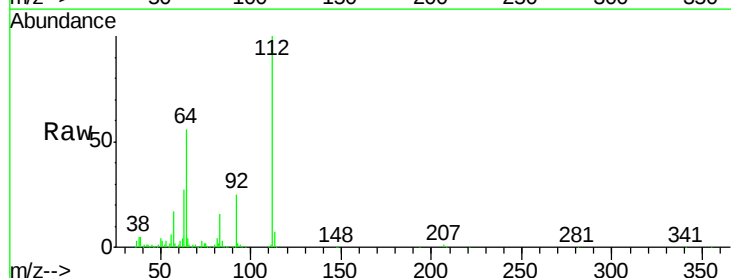
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



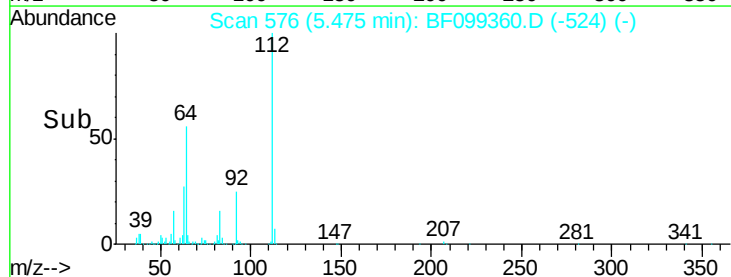
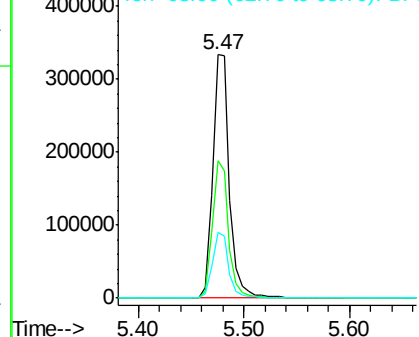
#5

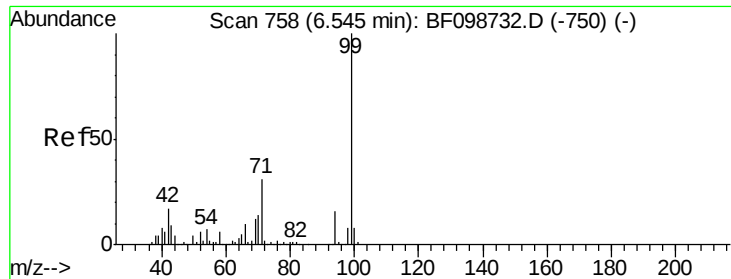
2-Fluorophenol
Concen: 62.33 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion:112 Resp: 368541
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 26.9 23.7 35.5



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: 33.18 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

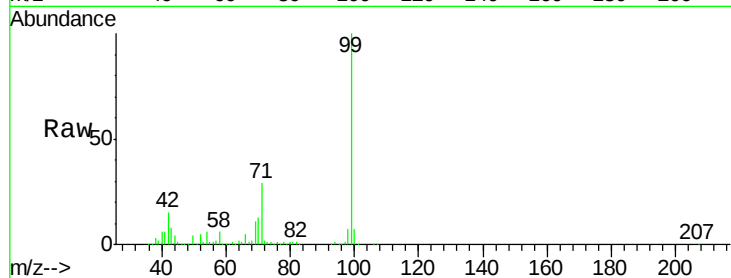
Tot Ion: 99 Resp: 241987

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

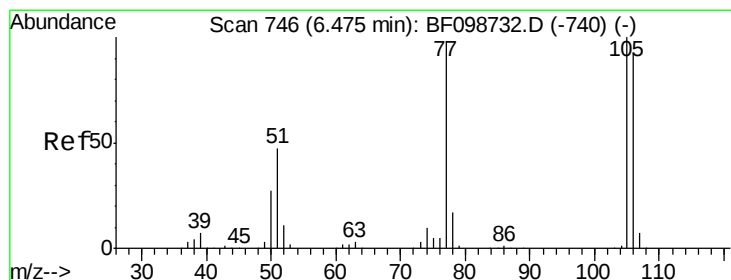
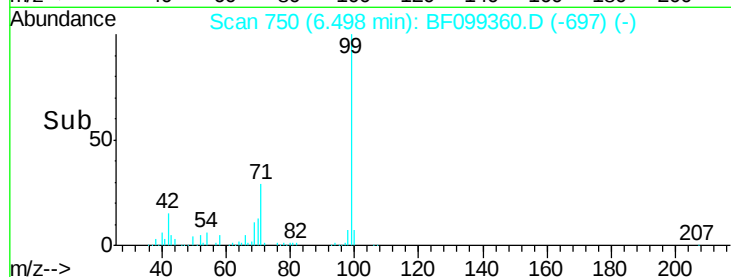
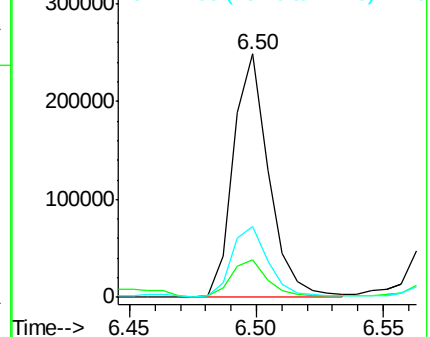
71 29.2 25.4 38.0



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: 5.03 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

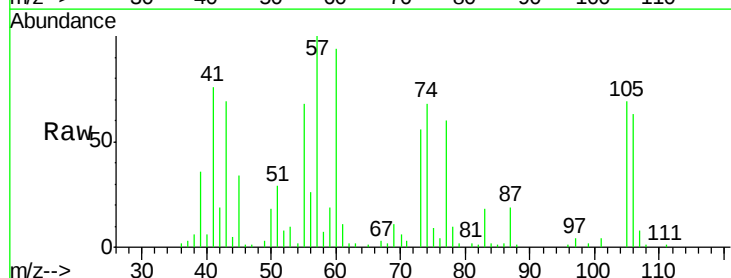
Tgt Ion: 77 Resp: 21289

Ion Ratio Lower Upper

77 100

105 115.7 81.1 121.1

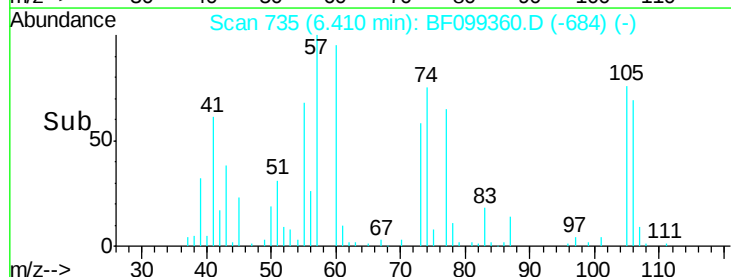
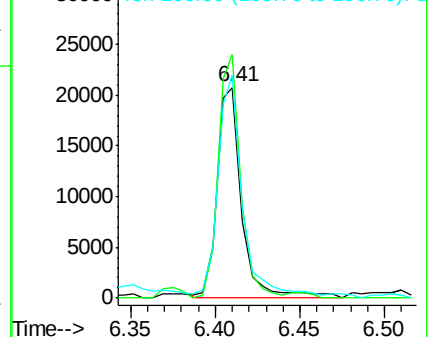
106 106.1 74.5 114.5

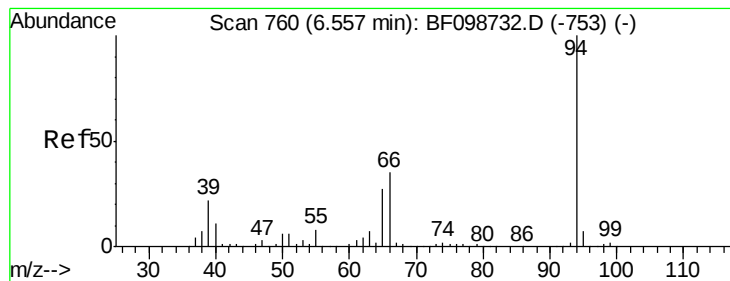


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 5.65 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

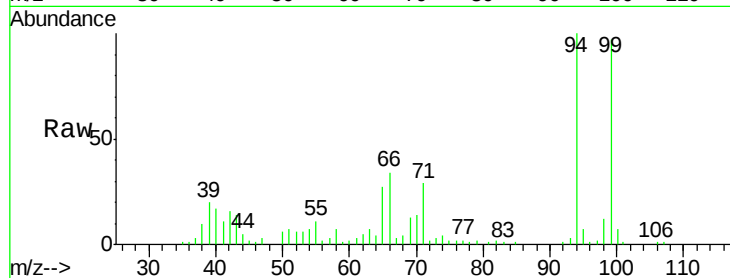
Tot Ion: 94 Resp: 46072

Ion Ratio Lower Upper

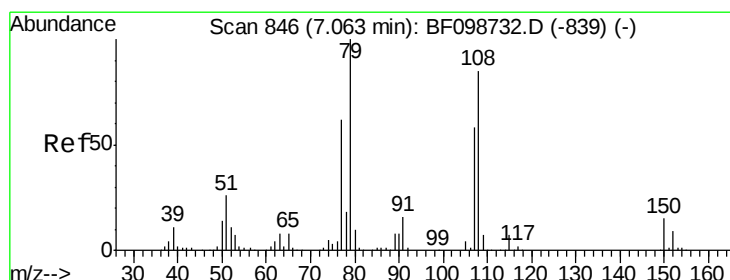
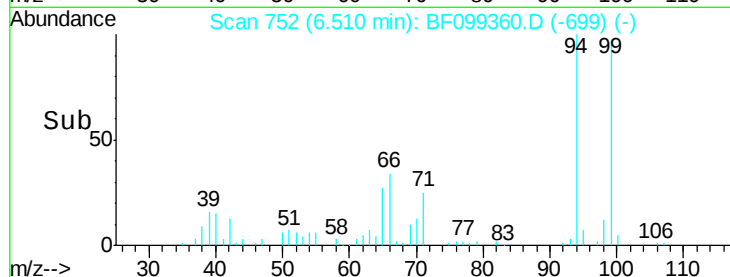
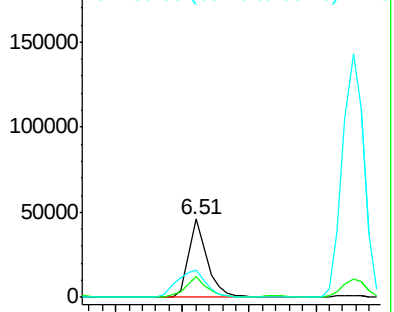
94 100

65 26.7 7.9 47.9

66 34.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 48.50 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

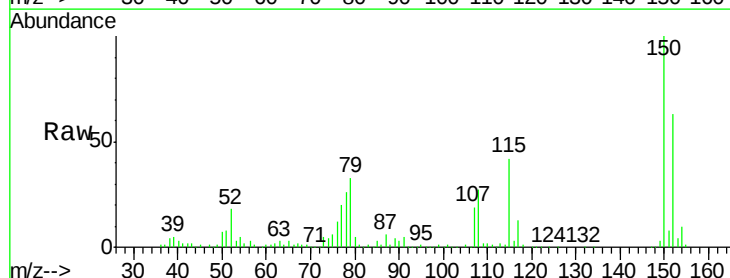
Tgt Ion: 79 Resp: 259521

Ion Ratio Lower Upper

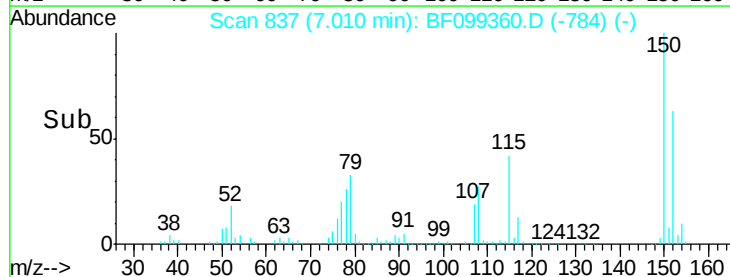
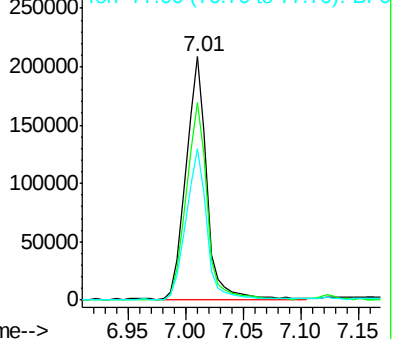
79 100

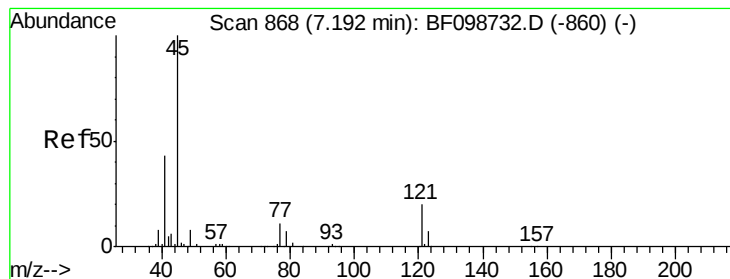
108 81.3 65.1 97.7

77 62.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 3.38 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.04 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampled :

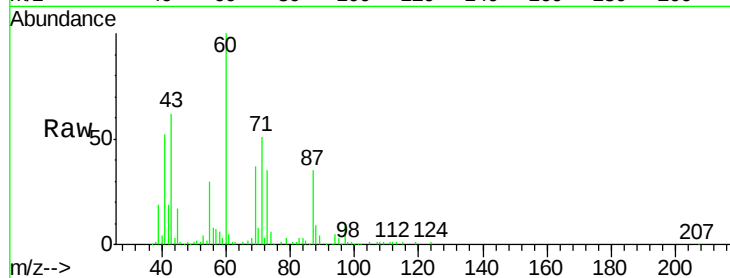
Tot Ion: 45 Resp: 33431

Ion Ratio Lower Upper

45 100

77 5.8 0.0 32.9

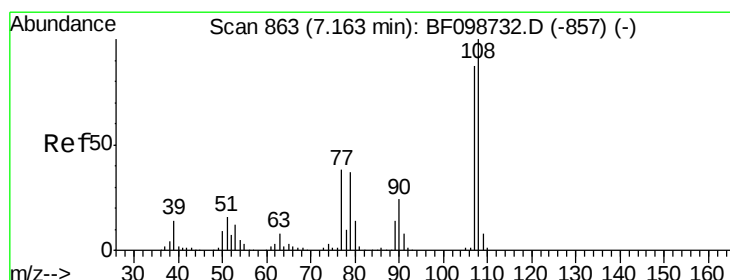
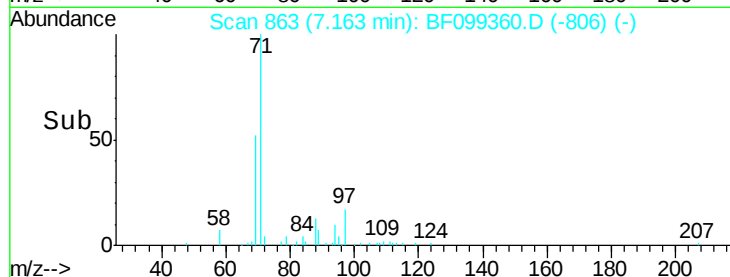
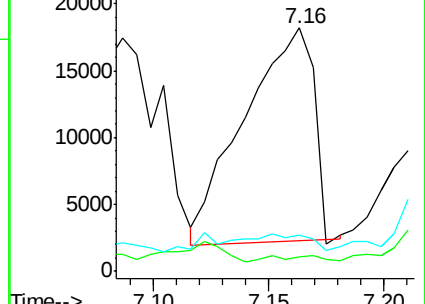
79 14.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 27.79 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.09 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Tgt Ion:107 Resp: 152220

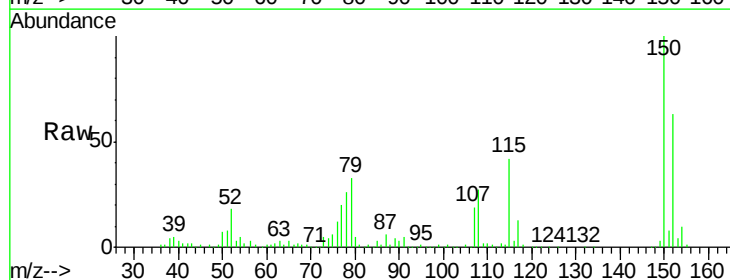
Ion Ratio Lower Upper

107 100

108 143.3 91.7 137.5#

77 109.8 33.8 50.8#

79 176.3 33.8 50.8#

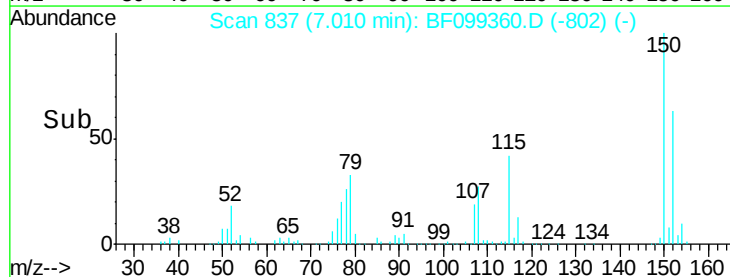
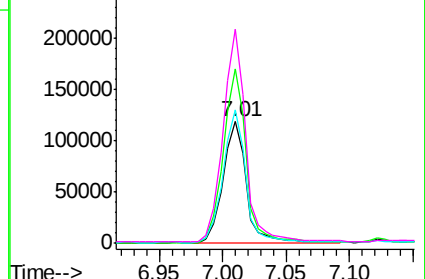


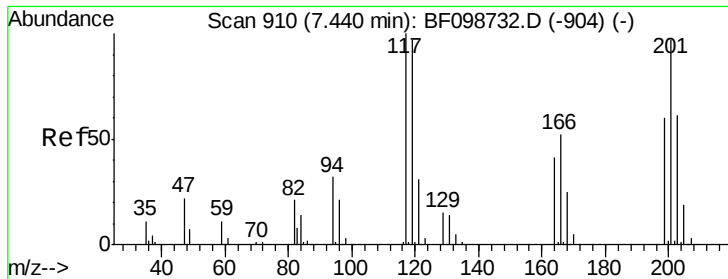
Abundance Ion 107.00 (106.70 to 107.70): E

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

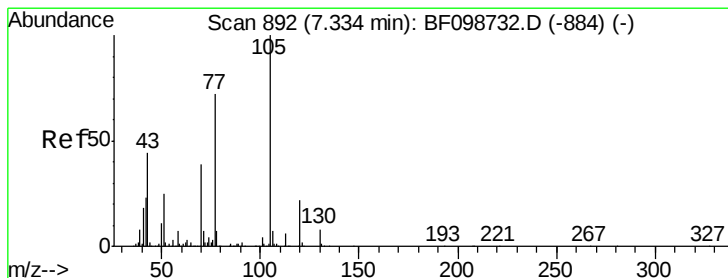
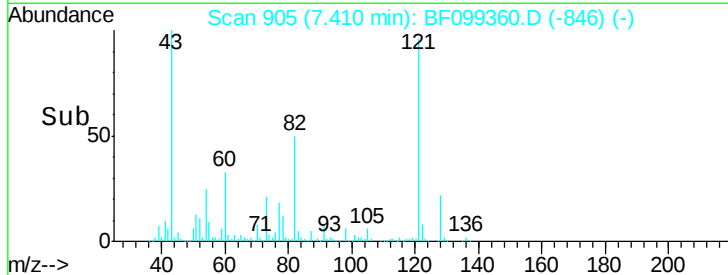
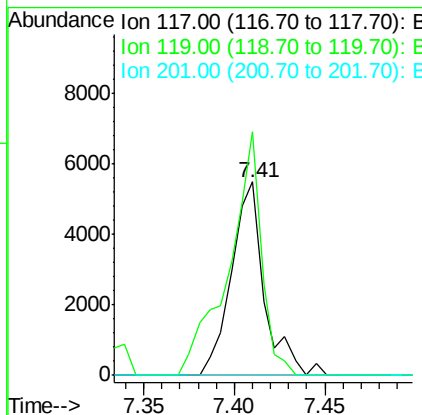
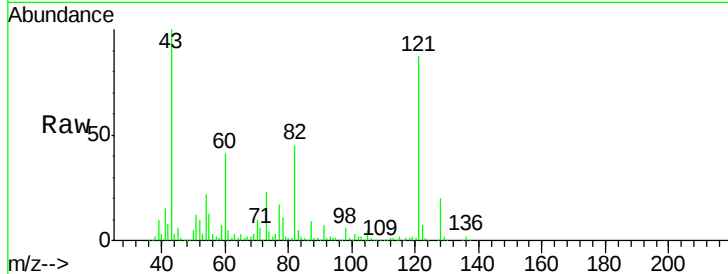




#18
Hexachloroethane
Concen: 2.72 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.05 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

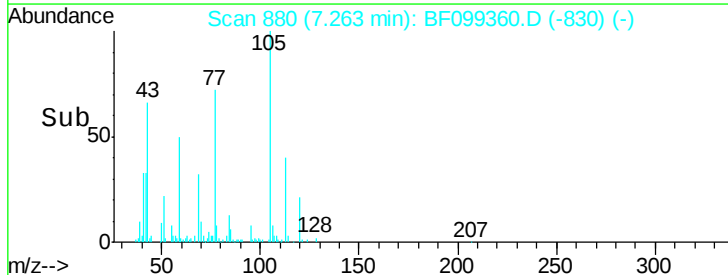
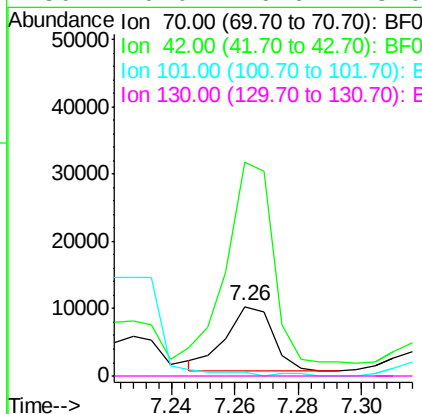
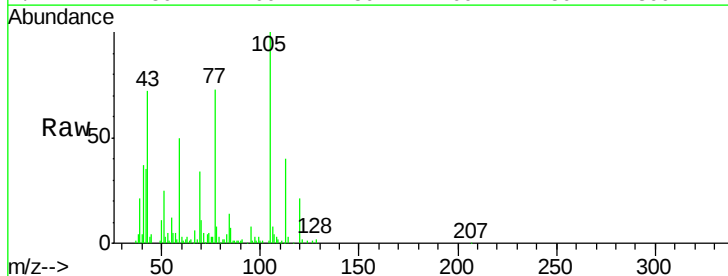
Instrument :
BNA_F
ClientSampleId :

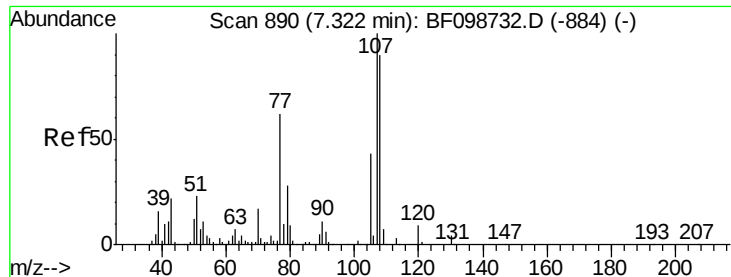
Tot Ion:117 Resp: 6977
Ion Ratio Lower Upper
117 100
119 125.9 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.15 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion: 70 Resp: 9998
Ion Ratio Lower Upper
70 100
42 309.0 47.5 71.3#
101 4.8 7.4 11.2#
130 0.0 16.6 25.0#

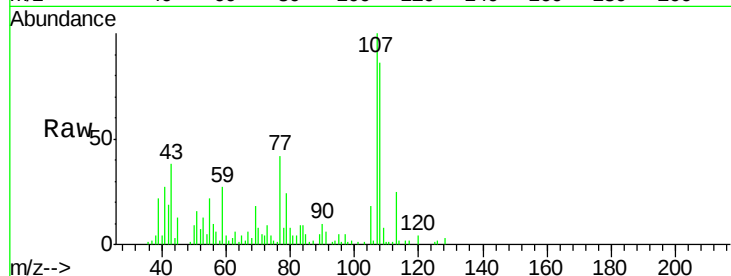




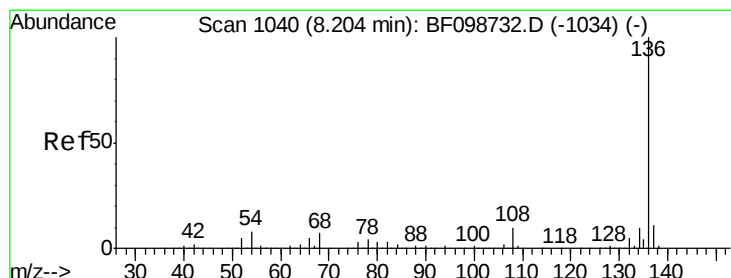
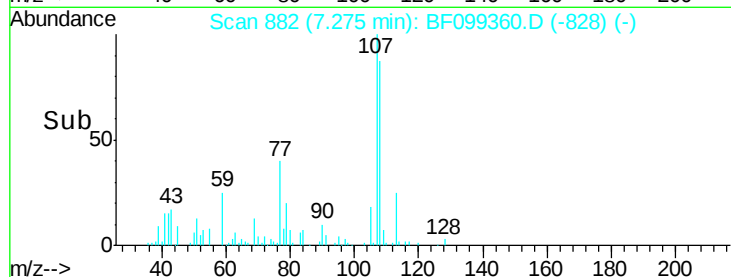
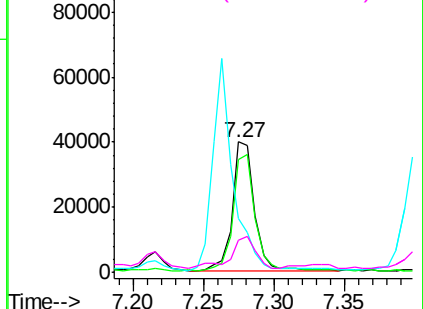
#20
3+4-Methylphenols
Concen: 6.25 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.02 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	43344
Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.2	108.2
77	41.5	26.7	66.7
79	24.2	6.3	46.3

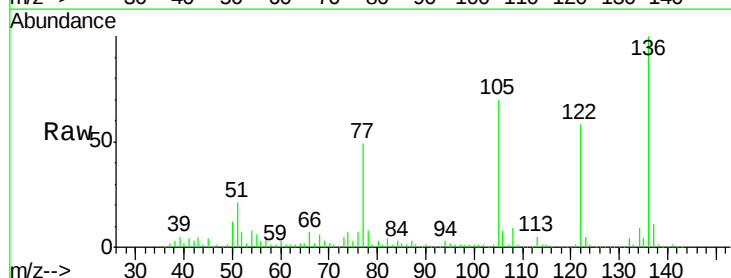


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

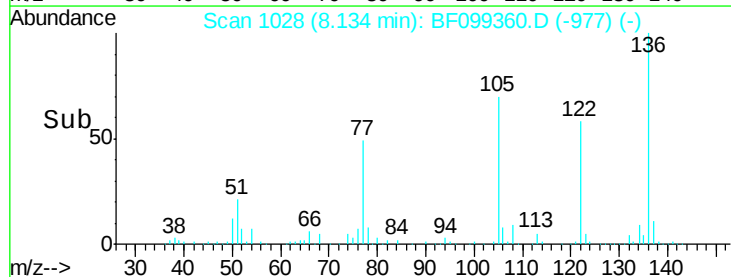
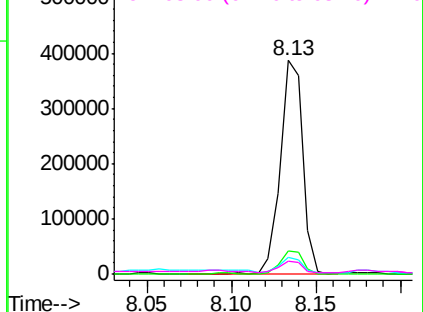


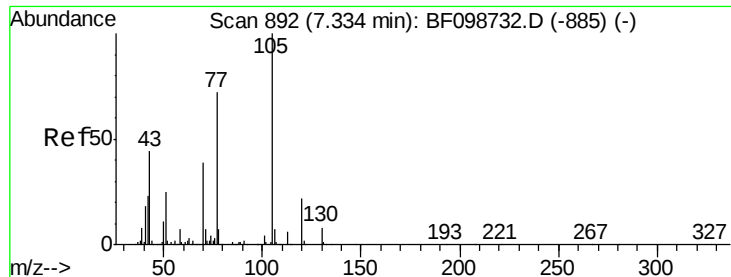
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion:	136	Resp:	358521
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	6.1	5.0	7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 8.32 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

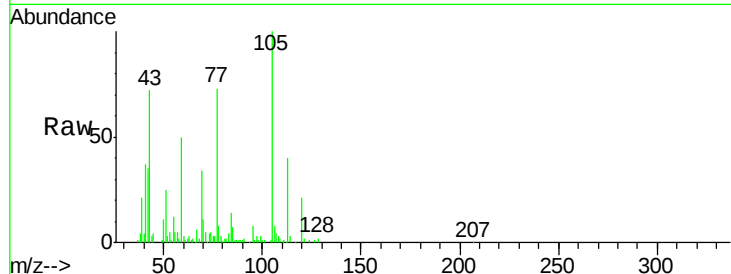
Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampled :



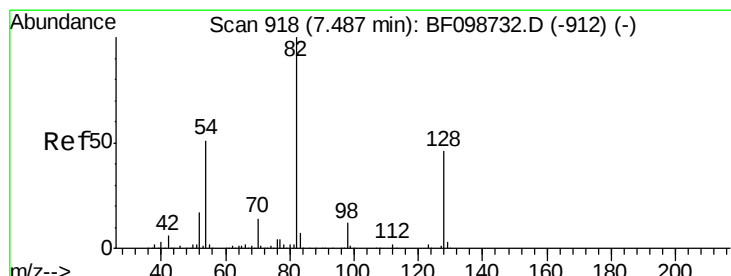
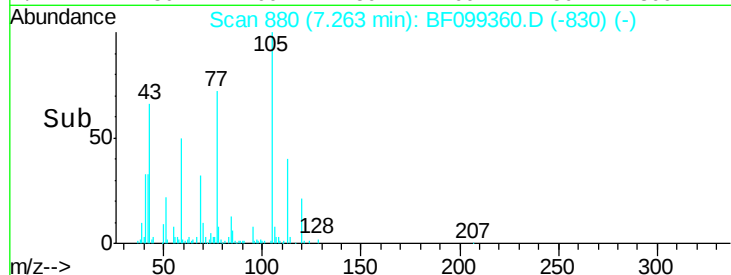
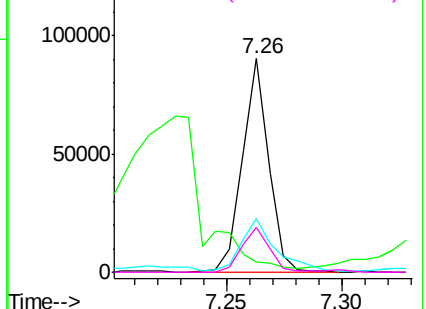
Tot Ion:	105	Resp:	72258
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.4	6.6
51	25.0	22.3	33.5
120	21.1	16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 102.46 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099360.D

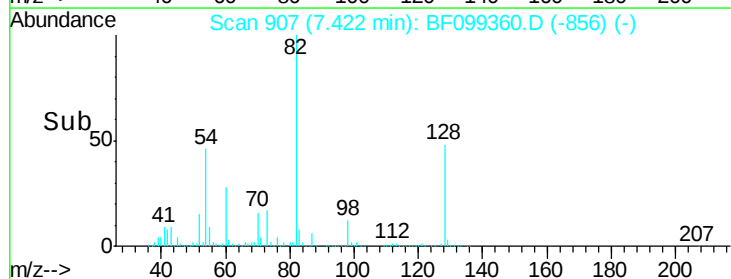
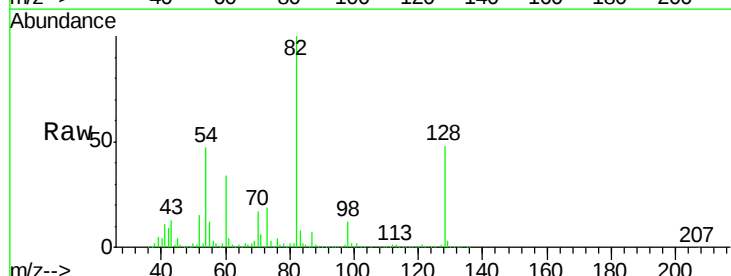
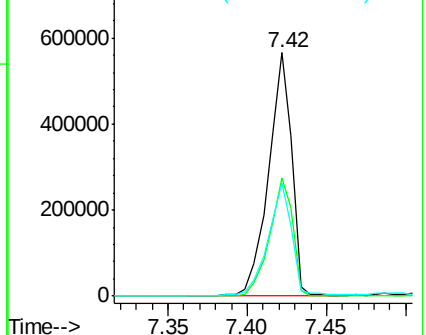
Acq: 11 Oct 2017 22:33

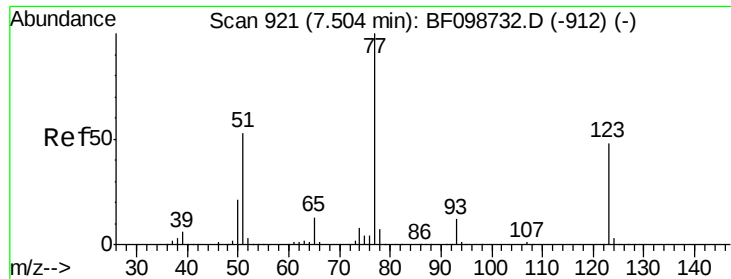
Tgt Ion:	82	Resp:	572788
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	46.6	41.4	62.2

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

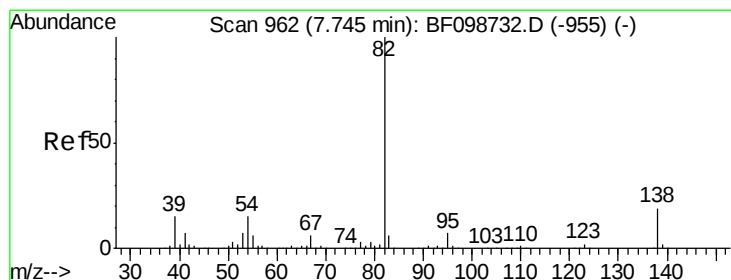
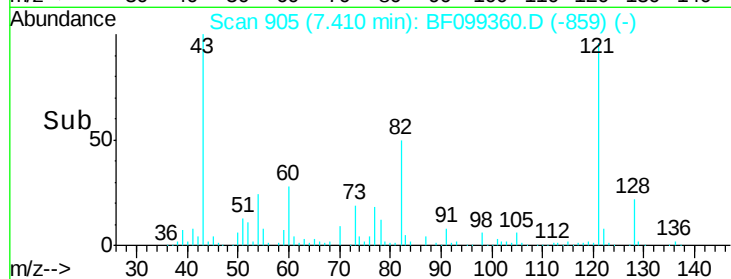
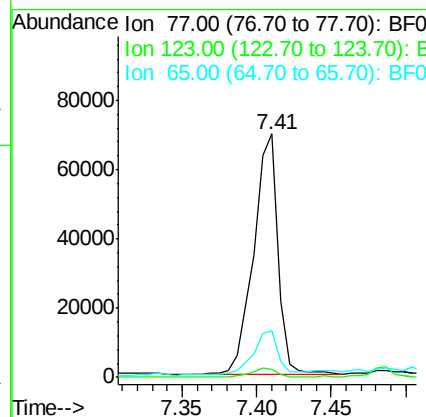
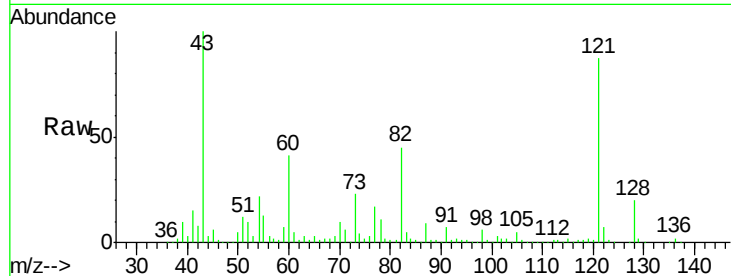




#24
 Nitrobenzene
 Concen: 12.42 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.03 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

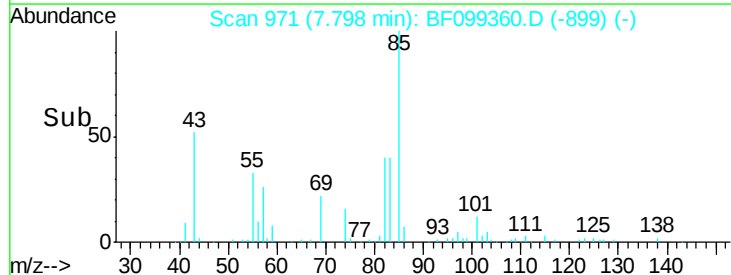
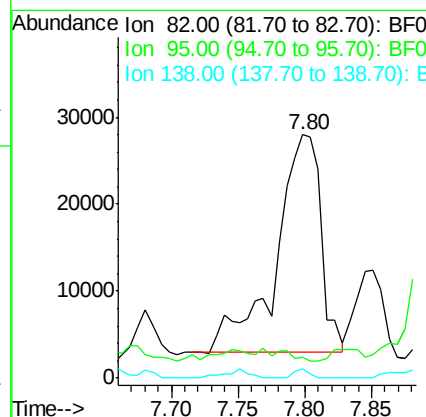
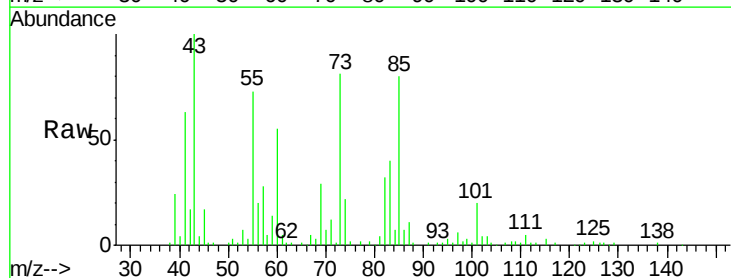
Instrument :
 BNA_F
 ClientSampleID :

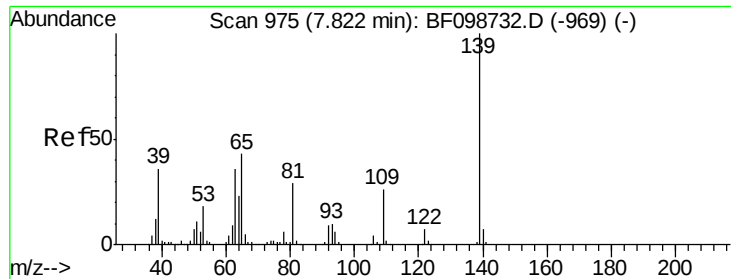
Tot Ion	Ratio	Lower	Upper
77	100		
123	3.2	37.9	56.9#
65	18.9	11.0	16.4#



#25
 Isophorone
 Concen: 5.10 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.12 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.4	5.2	7.8#
138	3.8	14.9	22.3#

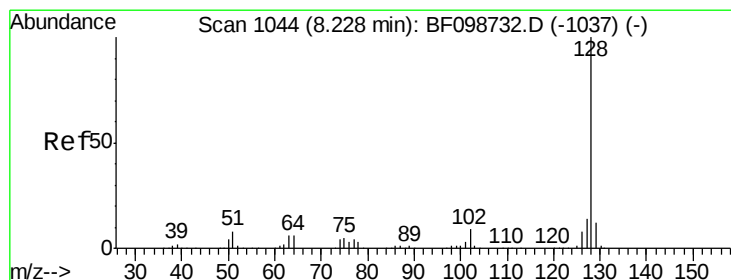
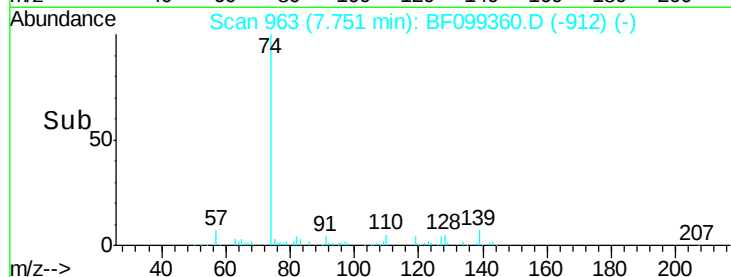
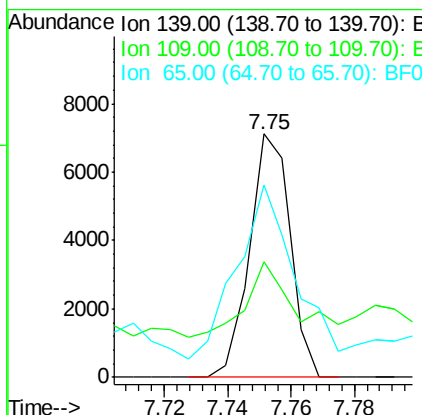
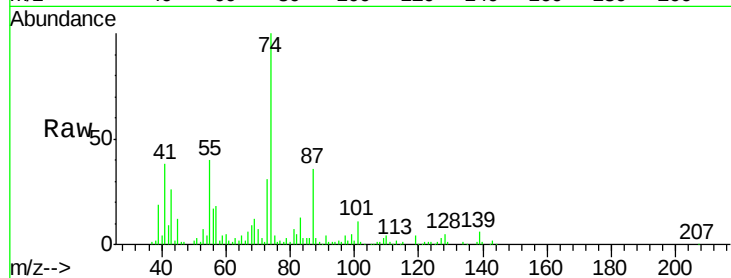




#26
2-Nitrophenol
Concen: 2.07 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

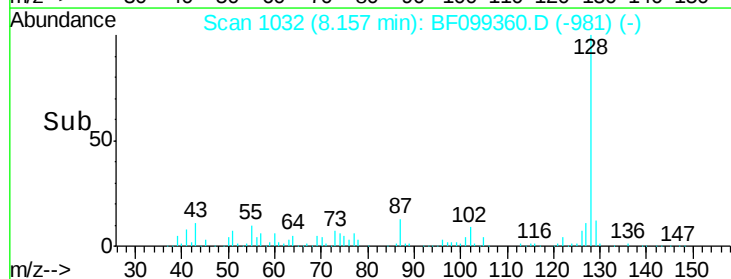
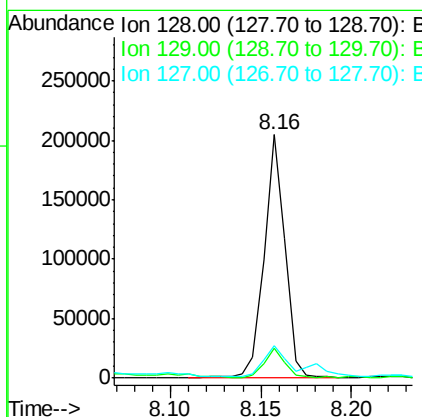
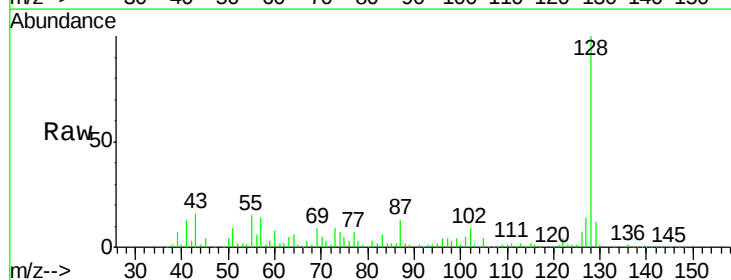
Instrument :
BNA_F
ClientSampleId :

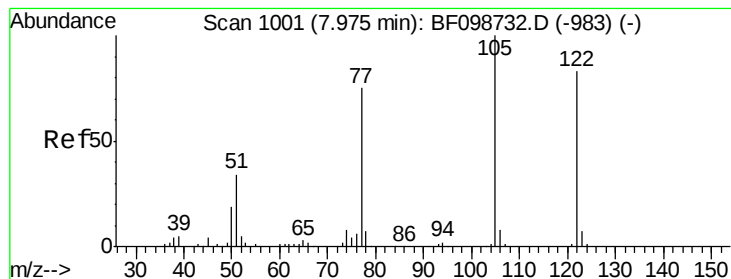
Tot Ion:139 Resp: 6312
Ion Ratio Lower Upper
139 100
109 47.6 22.7 34.1#
65 78.9 40.5 60.7#



#31
Naphthalene
Concen: 9.60 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion:128 Resp: 161648
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 13.6 10.9 16.3





#32

Benzoic acid

Concen: 3.43 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

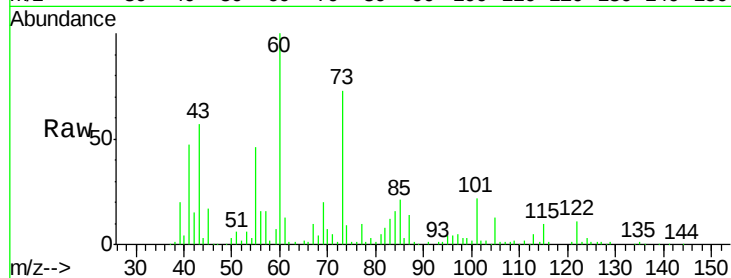
Tot Ion:122 Resp: 16249

Ion Ratio Lower Upper

122 100

105 115.5 101.1 141.1

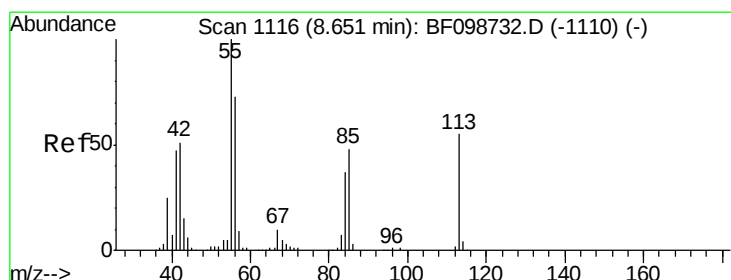
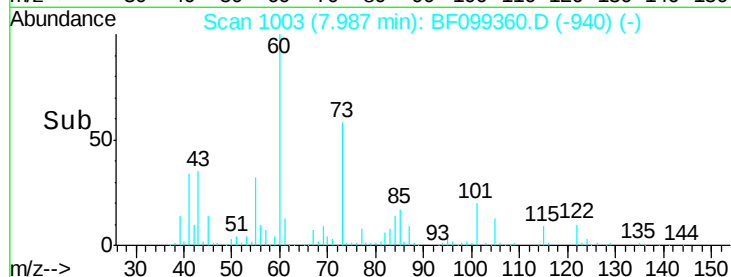
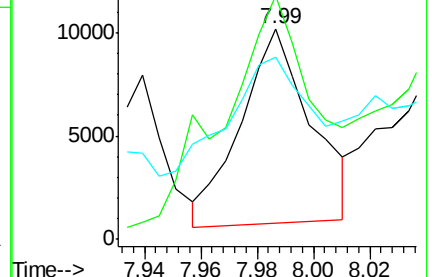
77 86.2 70.7 110.7



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



#35

Caprolactam

Concen: 10.04 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

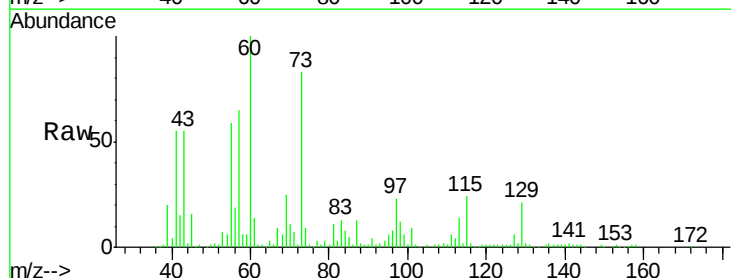
Tgt Ion:113 Resp: 15919

Ion Ratio Lower Upper

113 100

55 428.9 163.3 203.3#

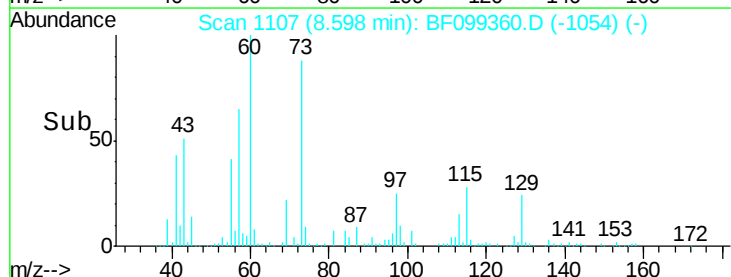
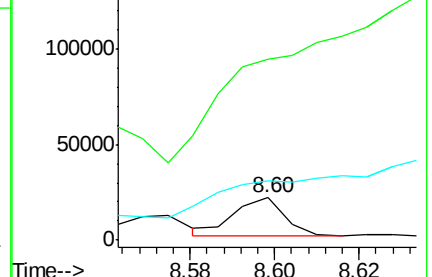
56 139.3 115.7 155.7

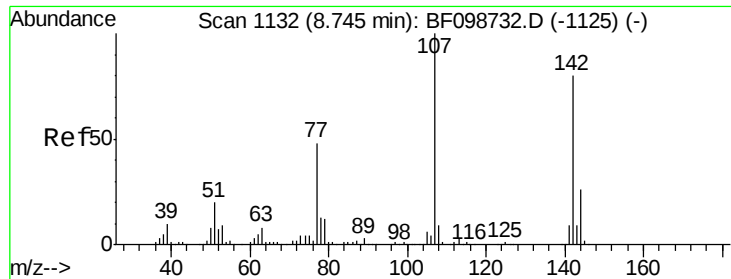


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

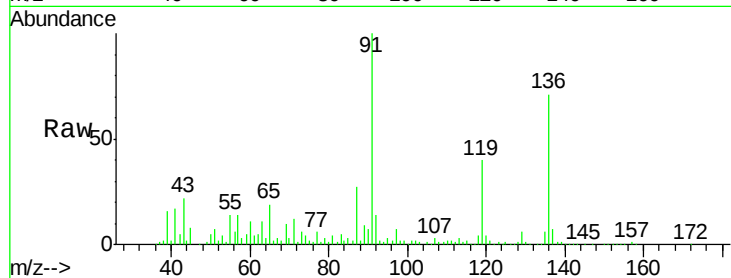




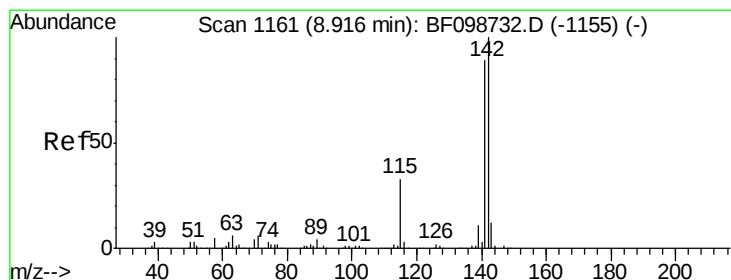
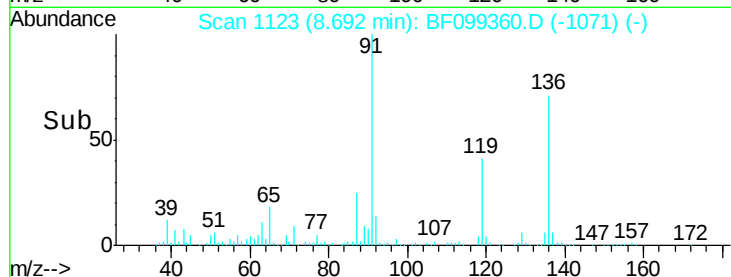
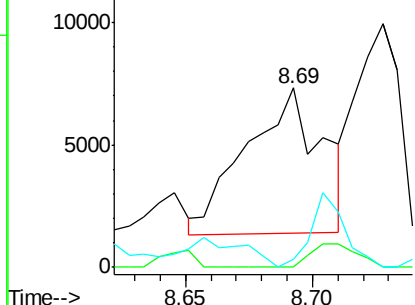
#36
4-Chloro-3-methylphenol
Concen: 2.21 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 12305
Ion Ratio Lower Upper
107 100
144 0.0 20.5 30.7#
142 4.6 62.0 93.0#

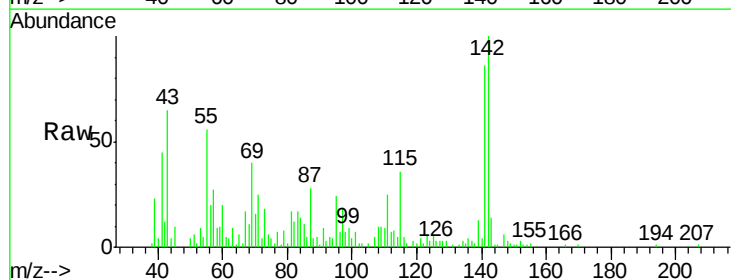


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

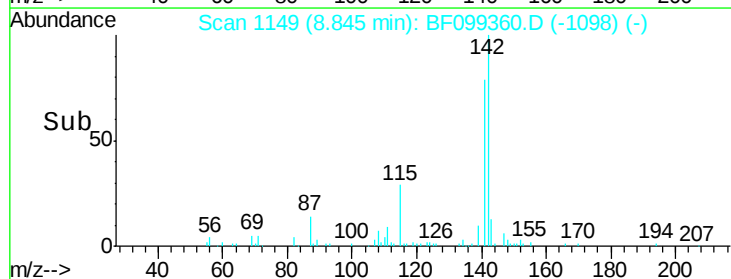
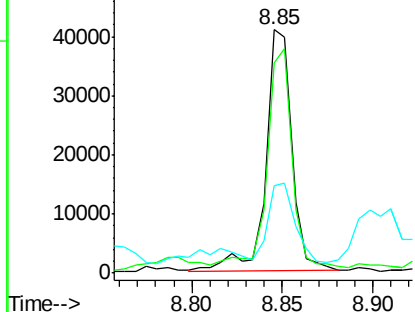


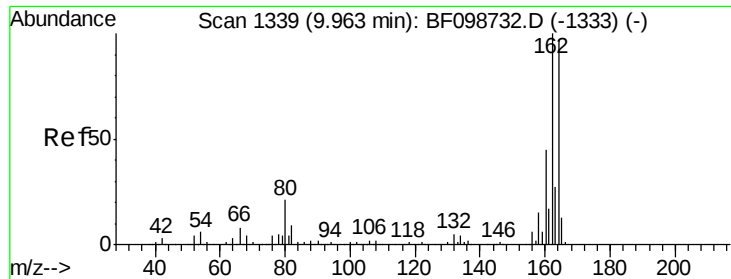
#37
2-Methylnaphthalene
Concen: 3.75 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion:142 Resp: 41034
Ion Ratio Lower Upper
142 100
141 86.1 70.8 106.2
115 35.9 26.1 39.1



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

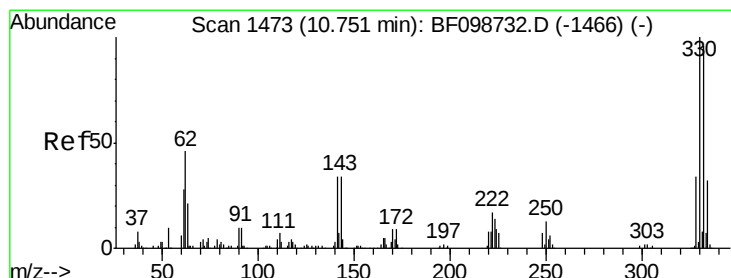
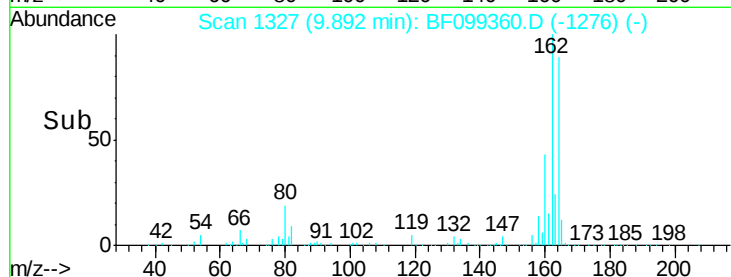
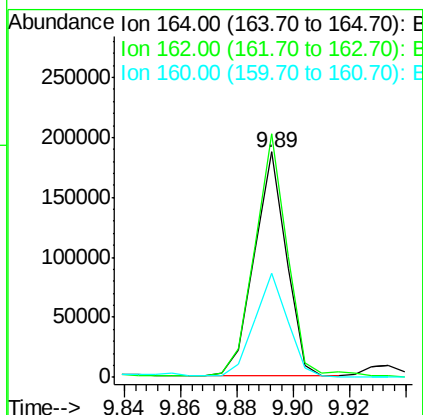
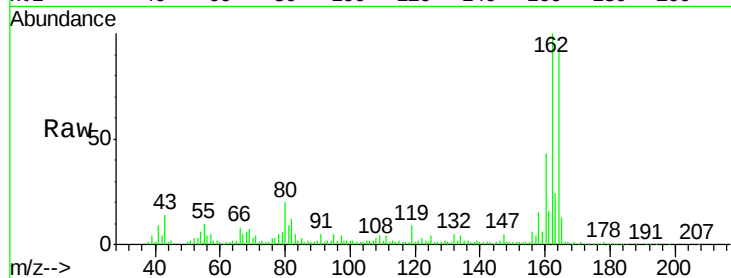




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

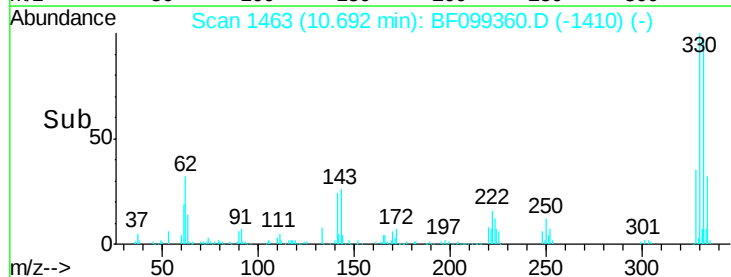
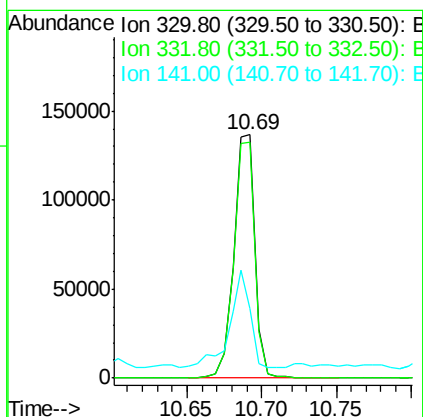
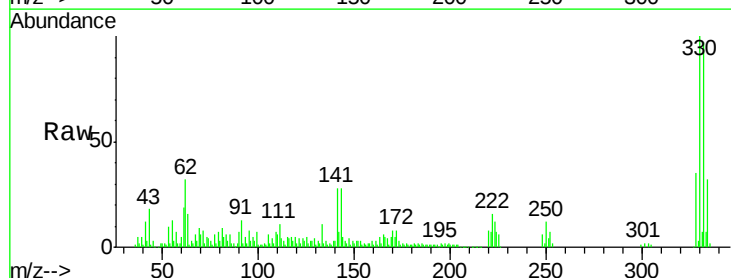
Instrument :
 BNA_F
 ClientSampleId :

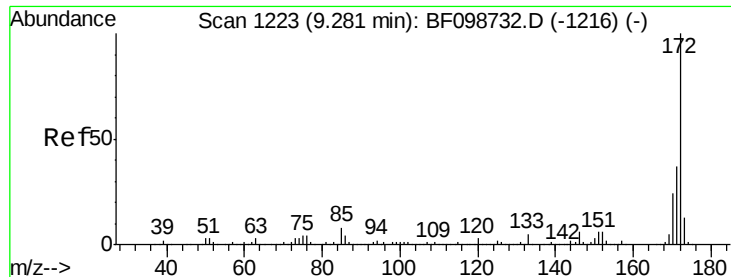
Tot Ion:164 Resp: 147285
 Ion Ratio Lower Upper
 164 100
 162 108.2 86.1 129.1
 160 46.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 112.73 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

Tgt Ion:330 Resp: 135860
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 38.9 29.9 44.9

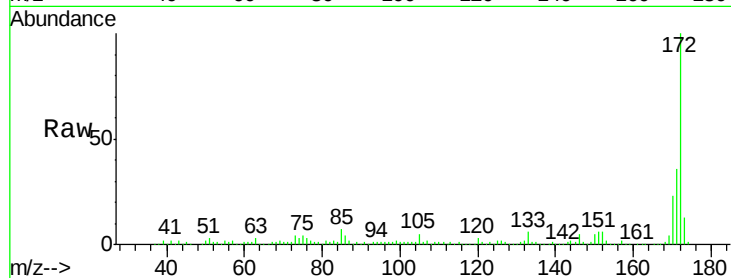




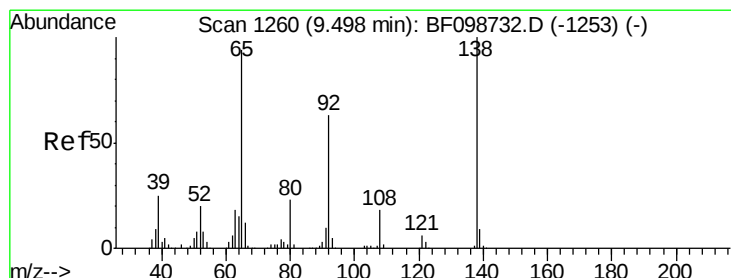
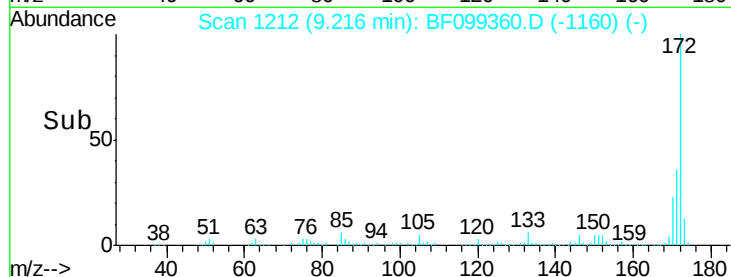
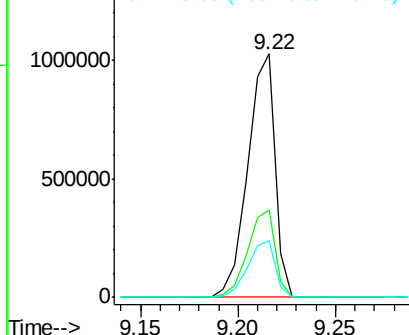
#44
2-Fluorobiphenyl
Concen: 112.37 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 991348
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.5 19.6 29.4

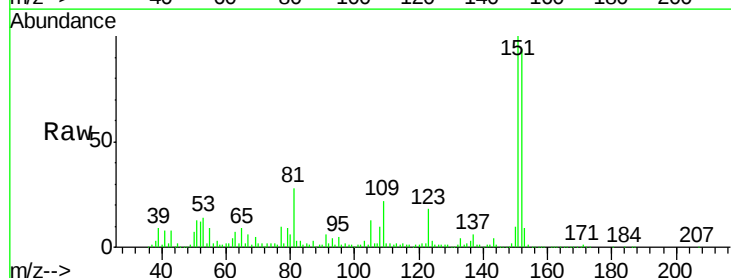


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

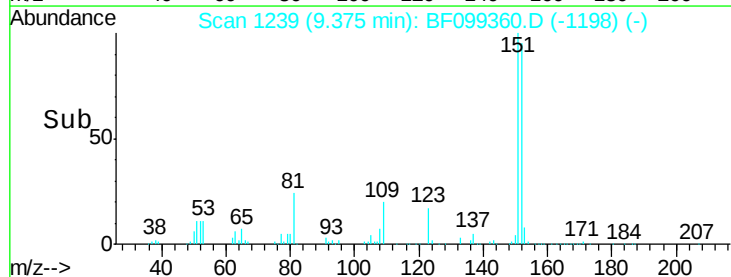
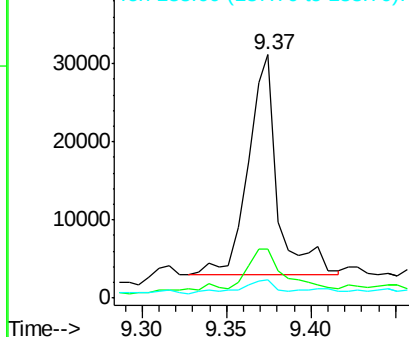


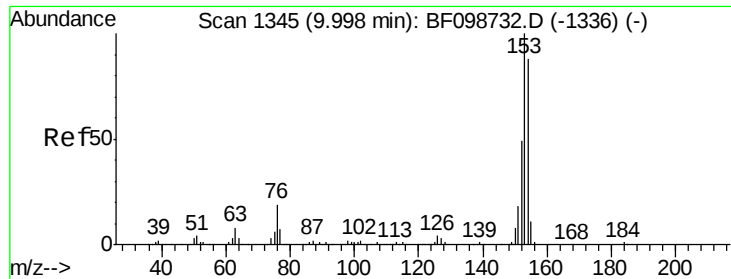
#47
2-Nitroaniline
Concen: 11.80 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.06 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion: 65 Resp: 34337
Ion Ratio Lower Upper
65 100
92 20.1 55.8 83.6#
138 7.7 91.2 136.8#



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





#51

Acenaphthene

Concen: 3.26 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

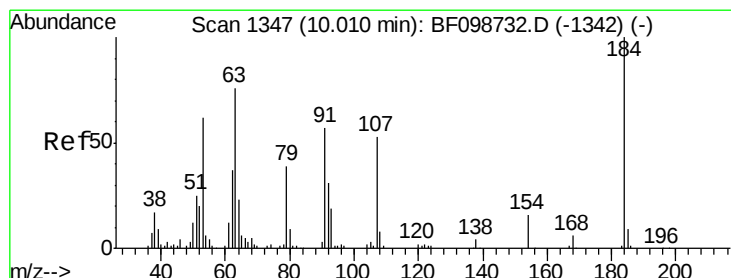
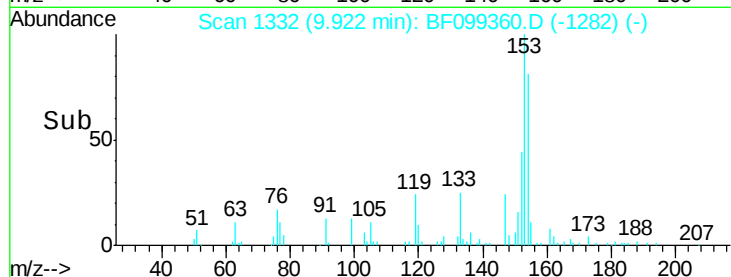
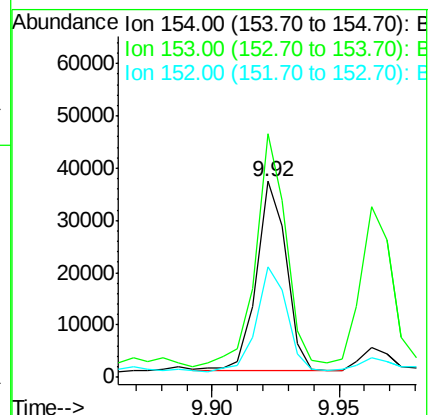
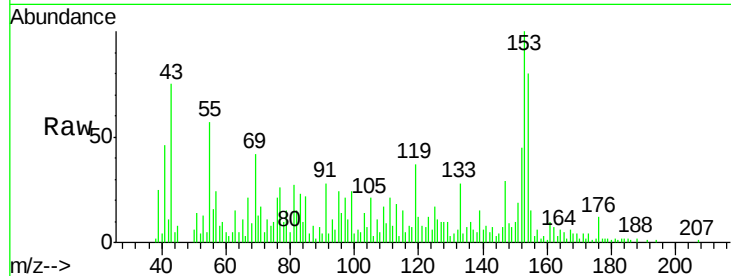
Tot Ion:154 Resp: 30007

Ion Ratio Lower Upper

154 100

153 124.4 91.2 136.8

152 56.4 43.8 65.8



#53

2,4-Dinitrophenol

Concen: 6.57 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

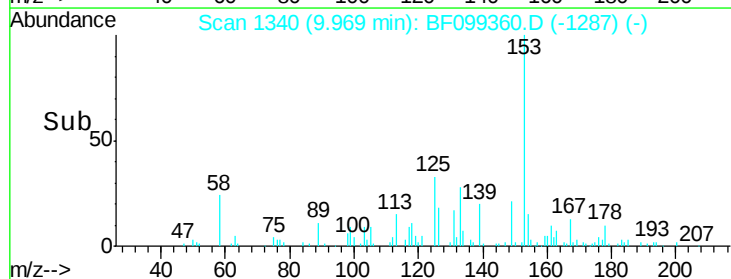
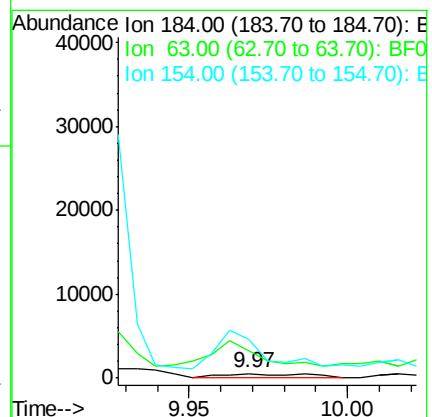
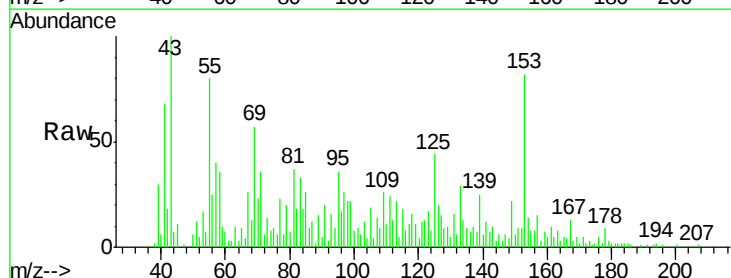
Tgt Ion:184 Resp: 1006

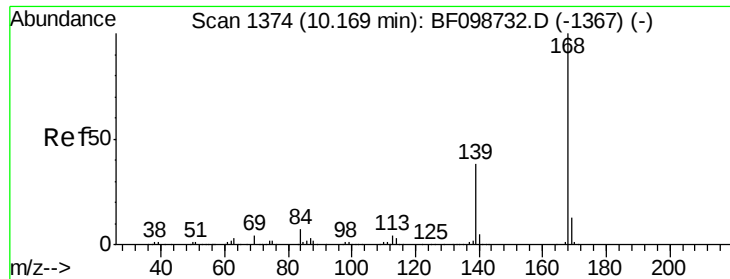
Ion Ratio Lower Upper

184 100

63 588.0 54.2 81.2#

154 809.6 53.5 80.3#

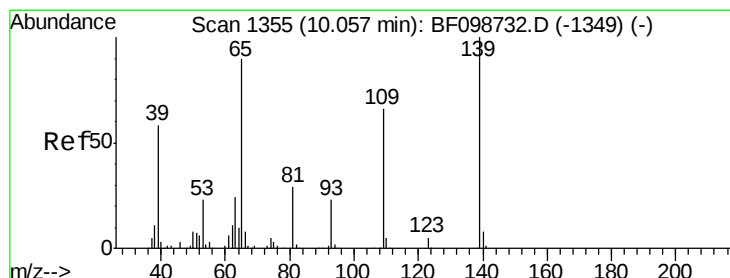
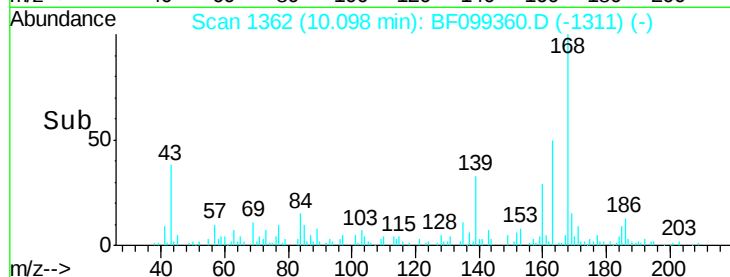
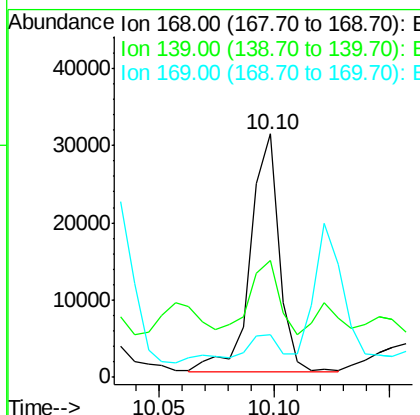
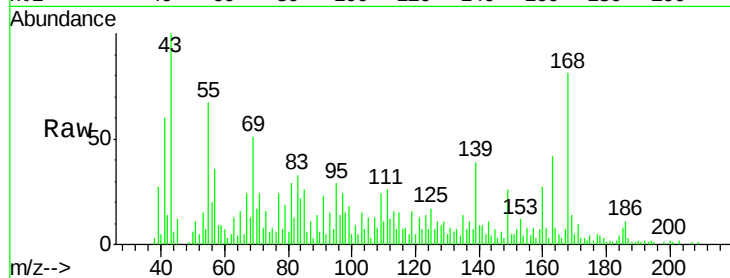




#54
Dibenzofuran
Concen: 2.20 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

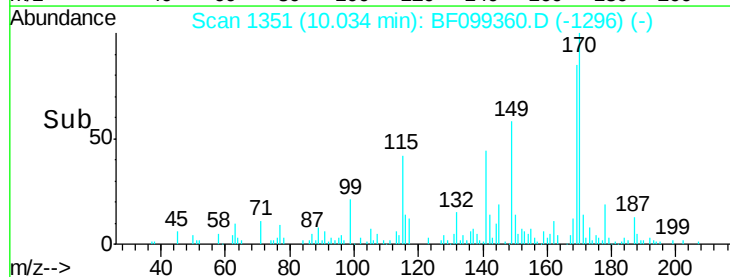
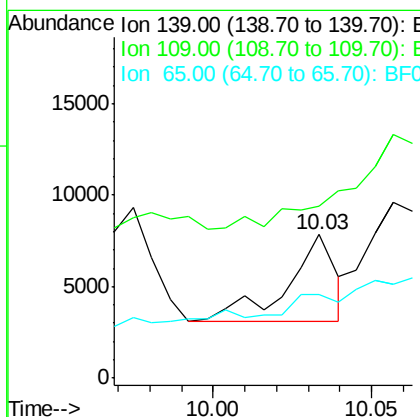
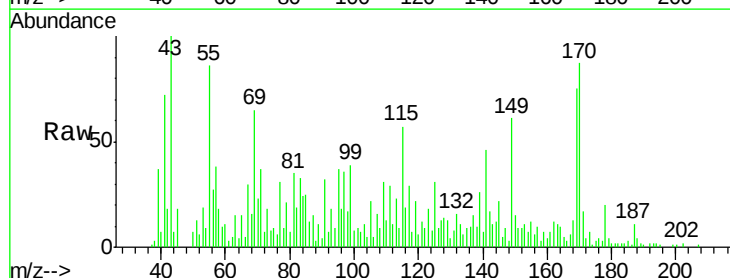
Instrument :
BNA_F
ClientSampleId :

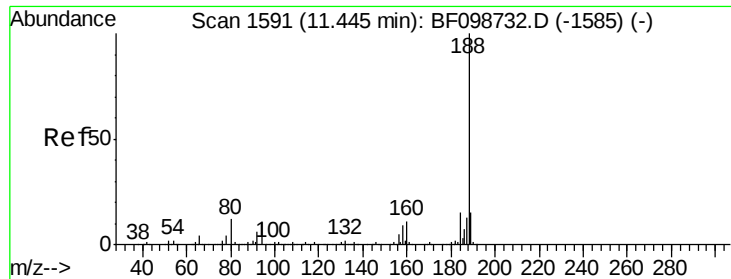
Tot Ion:168 Resp: 27005
Ion Ratio Lower Upper
168 100
139 47.8 30.1 45.1#
169 17.6 10.9 16.3#



#55
4-Nitrophenol
Concen: 2.14 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion:139 Resp: 5102
Ion Ratio Lower Upper
139 100
109 120.1 48.4 88.4#
65 58.3 72.6 112.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

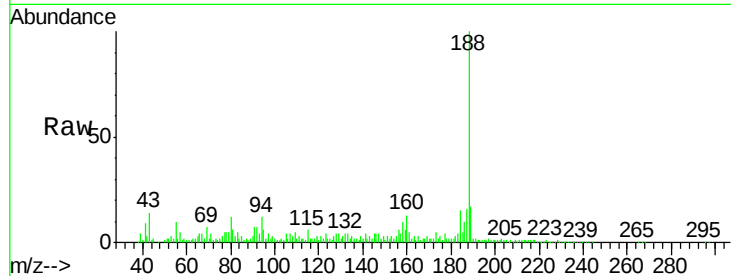
Tot Ion:188 Resp: 191534

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

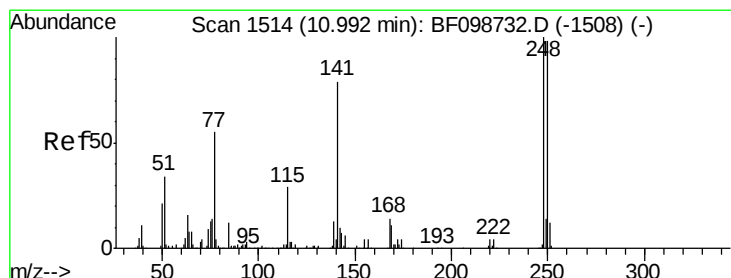
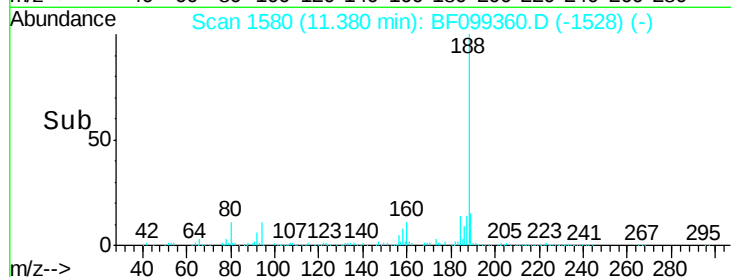
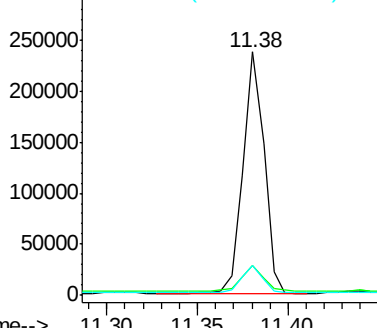
80 12.3 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 5.12 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.23 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

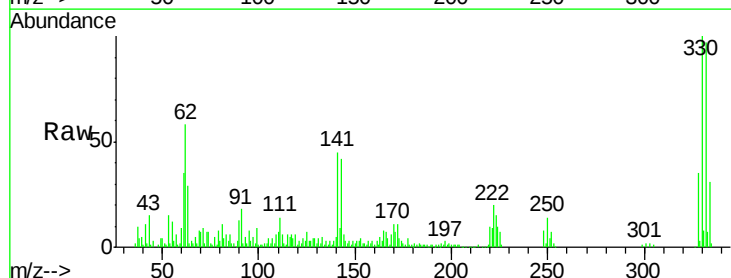
Tgt Ion:248 Resp: 9600

Ion Ratio Lower Upper

248 100

250 183.2 76.9 115.3#

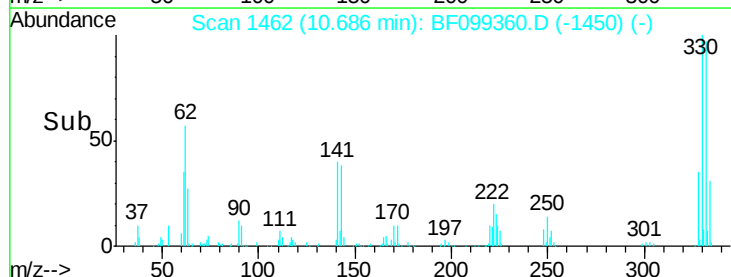
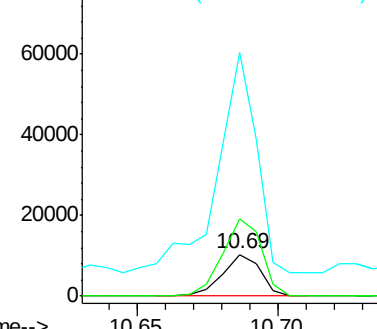
141 579.5 74.4 111.6#

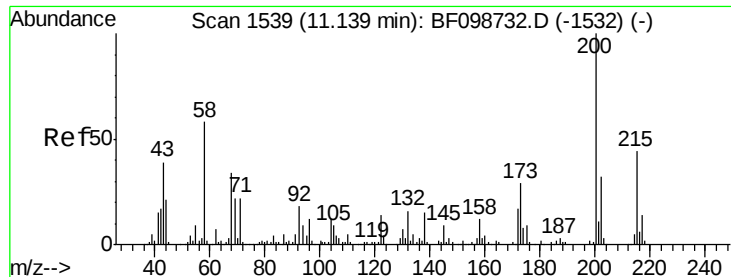


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Atrazine

Concen: 2.06 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampled :

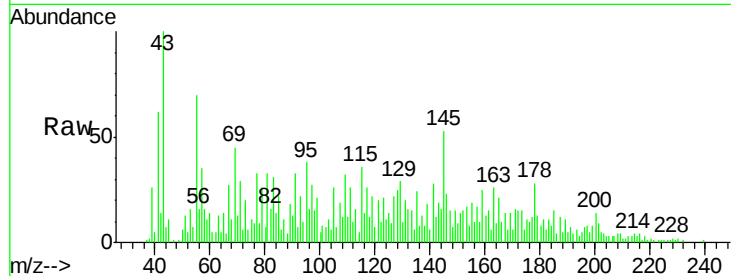
Tot Ion:200 Resp: 4112

Ion Ratio Lower Upper

200 100

173 112.8 8.6 48.6#

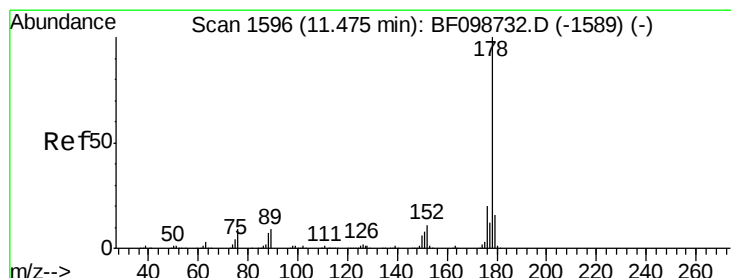
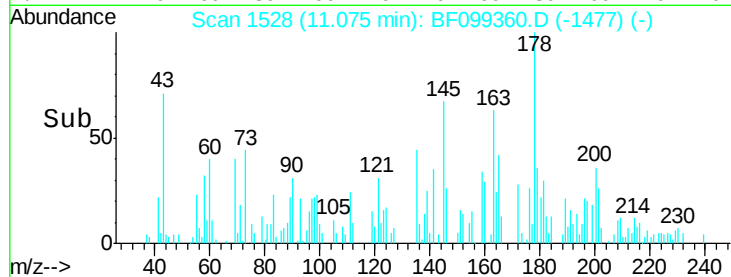
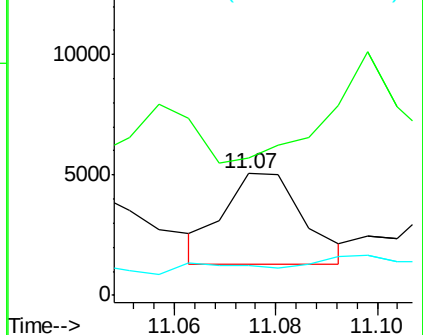
215 24.8 25.1 65.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 10.57 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

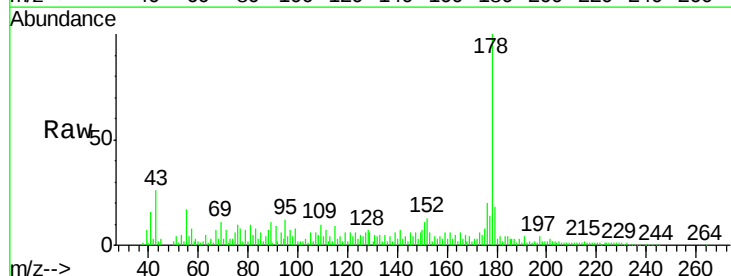
Tgt Ion:178 Resp: 108388

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

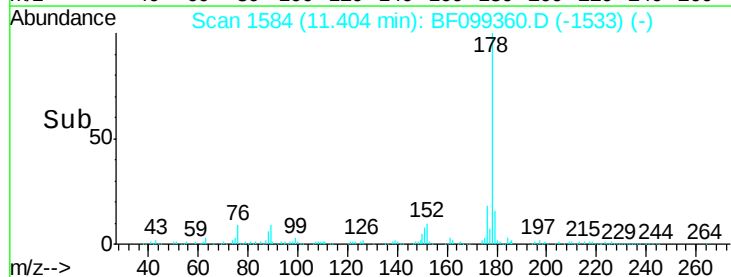
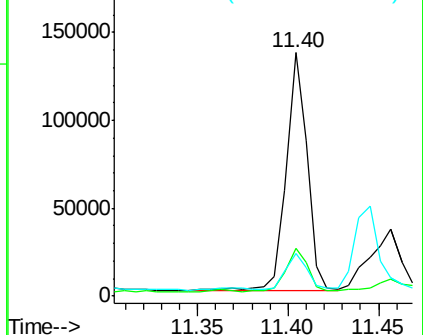
179 17.6 13.0 19.6

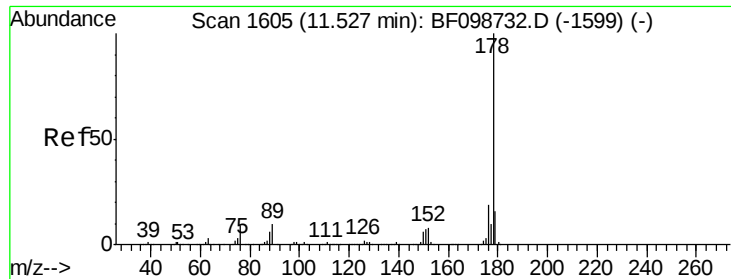


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 10.33 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.05 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

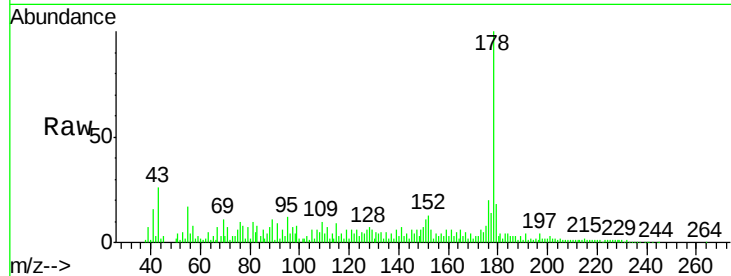
Tot Ion:178 Resp: 108388

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

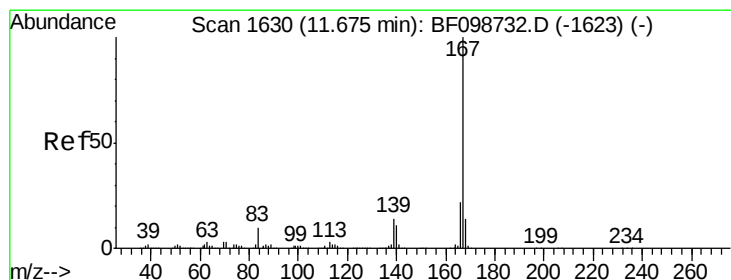
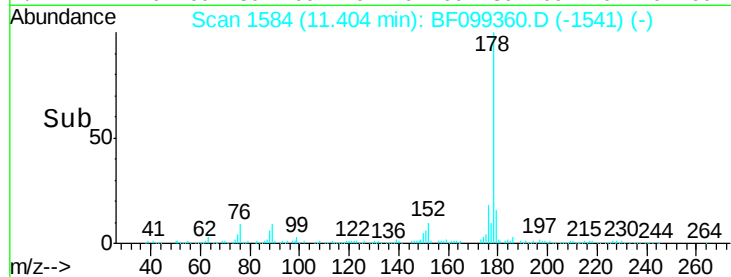
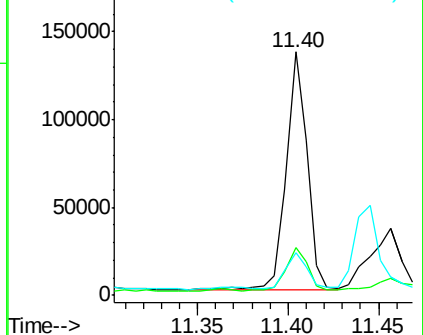
179 17.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 19.59 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

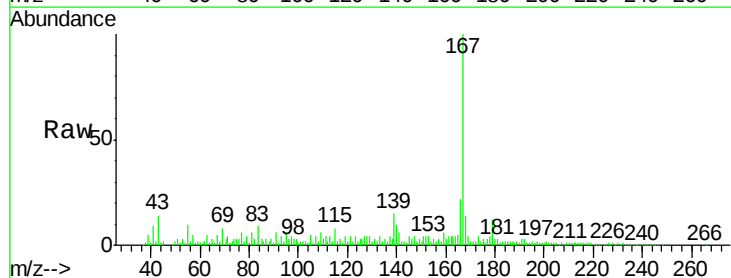
Tgt Ion:167 Resp: 201280

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

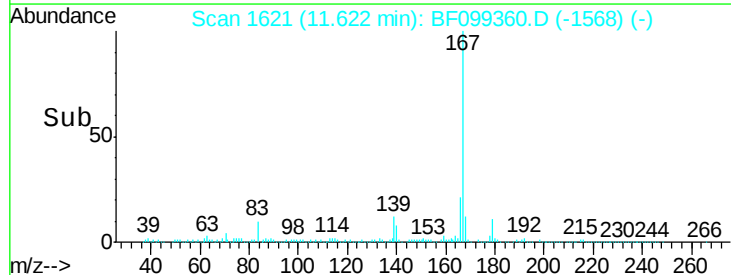
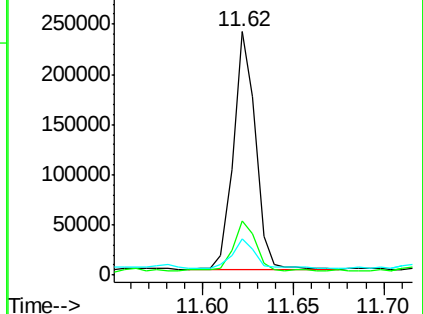
139 14.9 10.9 16.3

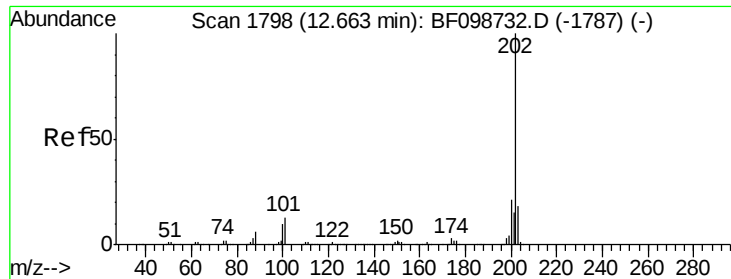


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 2.61 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

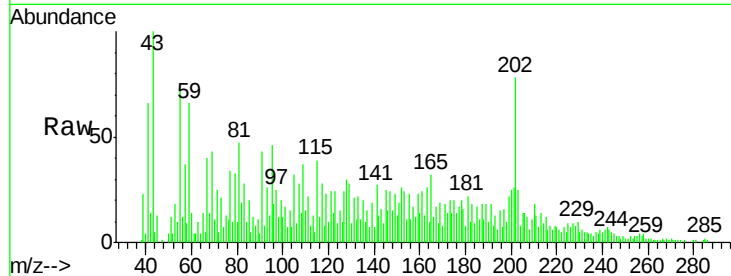
Tot Ion:202 Resp: 27045

Ion Ratio Lower Upper

202 100

101 21.4 0.0 34.1

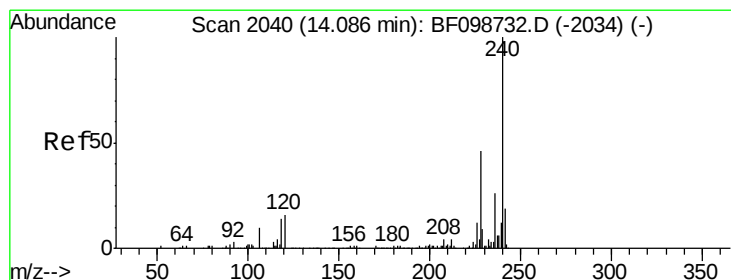
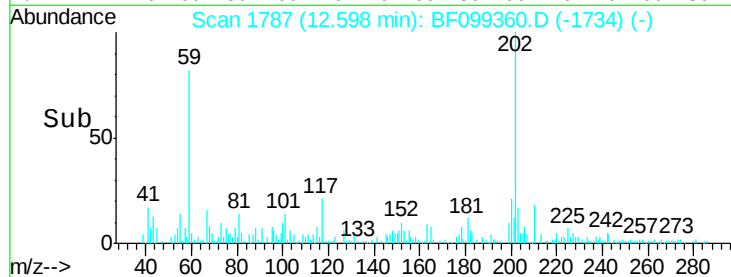
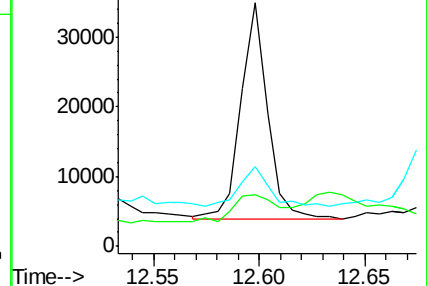
203 32.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

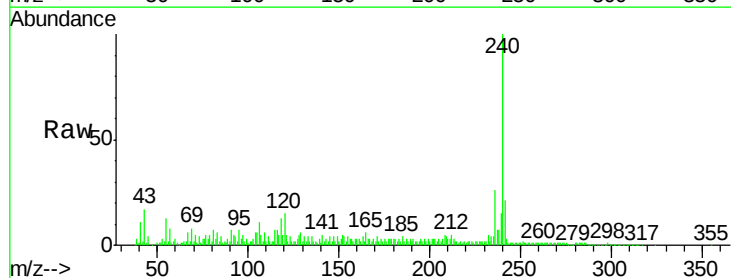
Tgt Ion:240 Resp: 167595

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

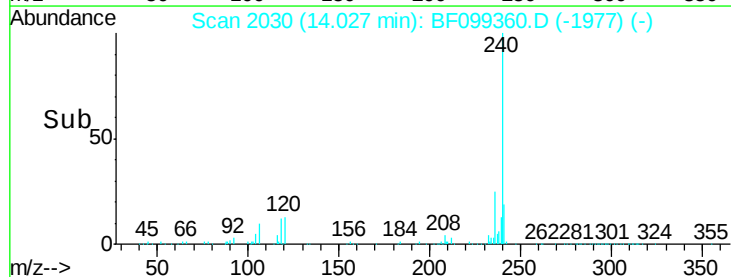
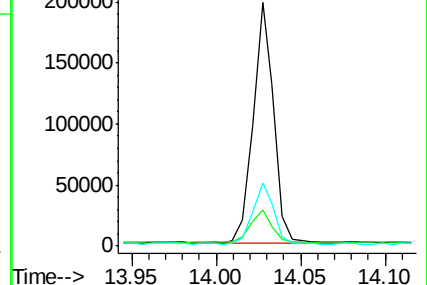
236 26.1 20.7 31.1

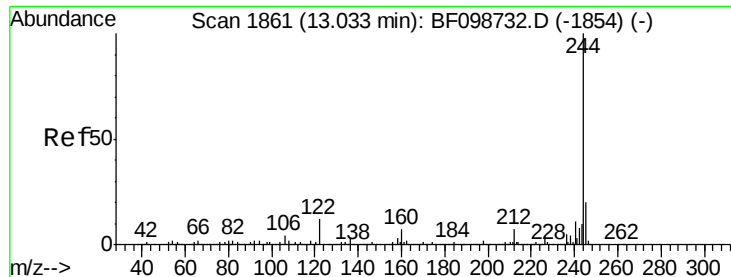


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.57 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

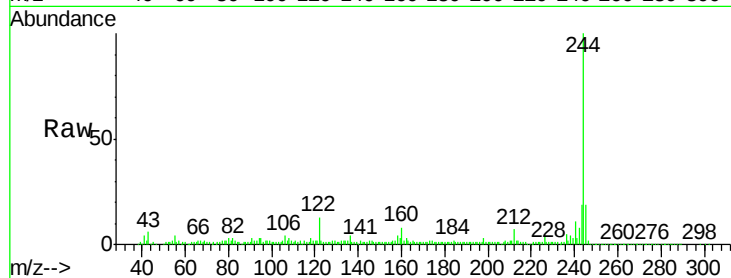
Tot Ion:244 Resp: 579012

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

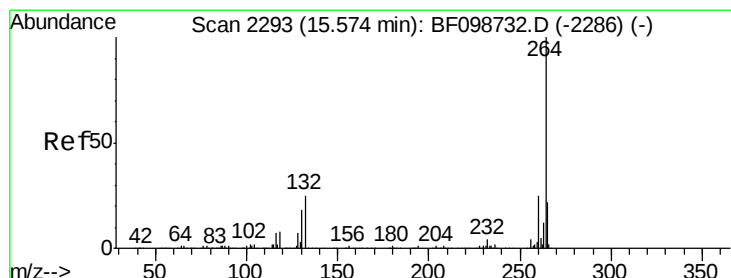
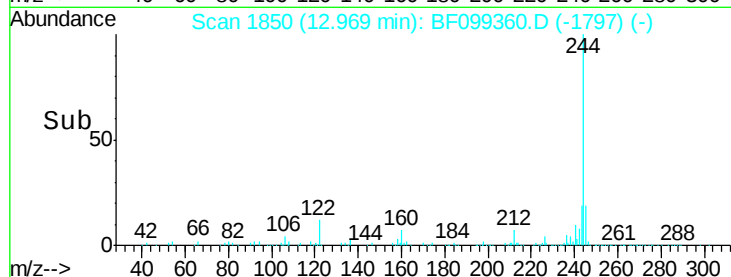
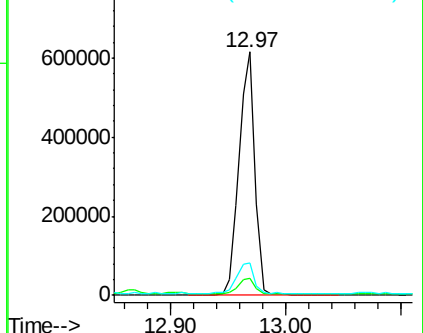
122 13.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.02 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

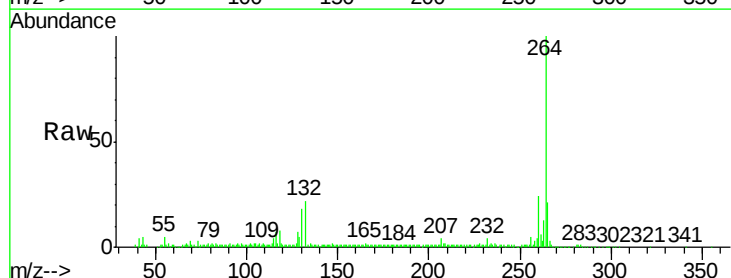
Tgt Ion:264 Resp: 198574

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.0 17.5 26.3



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

