

Data Path : Z:\HPCHEM1\BNA F\Data\BF122216\
 Data File : BF091915.D
 Acq On : 23 Dec 2016 9:36
 Operator : UM/SJ
 Sample : H6200-07RE
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 12:20:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	184137	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	437297	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	288350	20.00	ng	0.02
63) Phenanthrene-d10	11.29	188	376521	20.00	ng	0.02
75) Chrysene-d12	13.91	240	290965	20.00	ng	0.00
86) Perylene-d12	15.31	264	288648	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1446340	131.15	ng	0.07
7) Phenol-d6	6.49	99	811991	60.31	ng	0.08
23) Nitrobenzene-d5	7.32	82	1263376	160.65	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	294889	123.58	ng	0.02
44) 2-Fluorobiphenyl	9.14	172	1750350	131.42	ng	0.02
78) Terphenyl-d14	12.87	244	1166779	97.25	ng	0.01

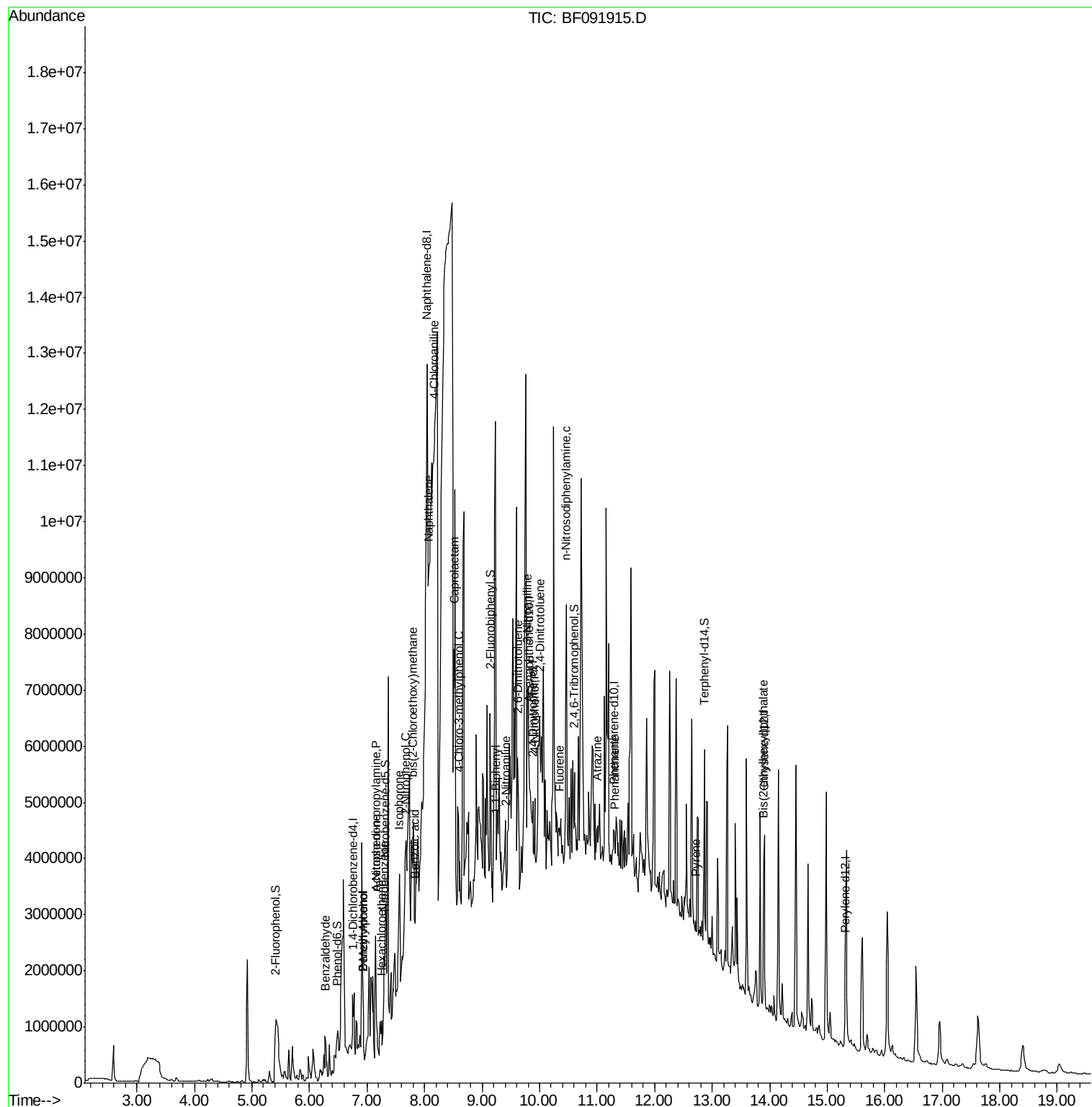
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	39995	3.76	ng	# 1
15) Benzyl Alcohol	6.93	79	112011	10.71	ng	92
17) 2-Methylphenol	6.93	107	66889	6.63	ng	# 1
18) Hexachloroethane	7.25	117	45873	9.08	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	27512	3.07	ng	# 46
22) Acetophenone	7.15	105	332369	30.81	ng	# 40
24) Nitrobenzene	7.30	77	52286	6.24	ng	# 32
25) Isophorone	7.56	82	103518	7.13	ng	# 1
26) 2-Nitrophenol	7.66	139	9586	2.32	ng	# 1
28) bis(2-Chloroethoxy)methane	7.80	93	25971	2.95	ng	# 1
31) Naphthalene	8.06	128	326740	16.33	ng	# 80
32) Benzoic acid	7.84	122	12188	2.40	ng	# 1
33) 4-Chloroaniline	8.17	127	22849	2.53	ng	# 1
35) Caprolactam	8.51	113	112954	59.25	ng	# 1
36) 4-Chloro-3-methylphenol	8.59	107	21679	3.25	ng	# 49
45) 1,1'-Biphenyl	9.24	154	152760	7.74	ng	98
47) 2-Nitroaniline	9.41	65	11641	2.09	ng	# 53
50) 2,6-Dinitrotoluene	9.62	165	30995	7.68	ng	# 71
52) 3-Nitroaniline	9.79	138	10154	2.03	ng	# 58
53) 2,4-Dinitrophenol	9.88	184	4841	2.16	ng	# 1
55) 4-Nitrophenol	9.92	139	18656	5.50	ng	# 1
56) 2,4-Dinitrotoluene	10.01	165	13345	2.63	ng	# 47
57) Fluorene	10.35	166	50228	3.14	ng	# 55
65) n-Nitrosodiphenylamine	10.46	169	88313	7.90	ng	# 56
68) Atrazine	11.00	200	30640	8.50	ng	# 72
70) Phenanthrene	11.31	178	63631	3.12	ng	# 66
73) Di-n-butylphthalate	11.85	149	15619	Below	Cal	# 33
74) Fluoranthene	12.72	202	46078	Below	Cal	89
76) Benzidine	12.58	184	1951	Below	Cal	# 1
77) Pyrene	12.72	202	46541	2.18	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.89	149	931017	81.42	ng	99

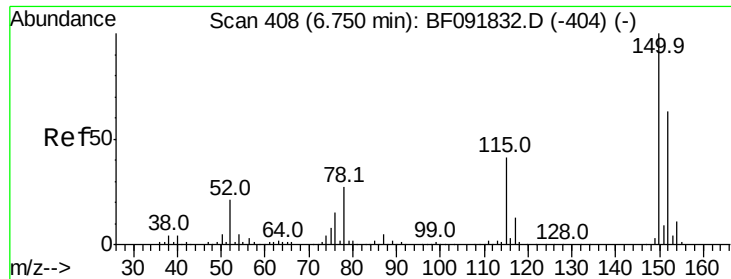
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
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ClientSampled :

Quant Time: Dec 23 12:20:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

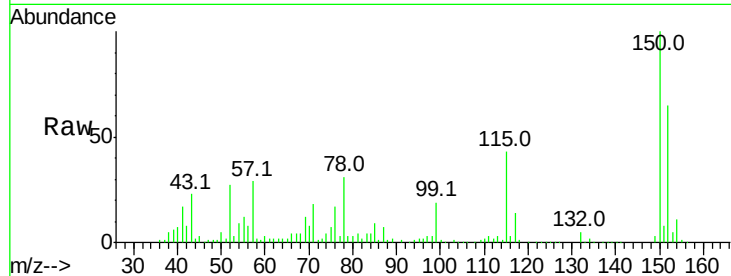
Tot Ion:152 Resp: 184137

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

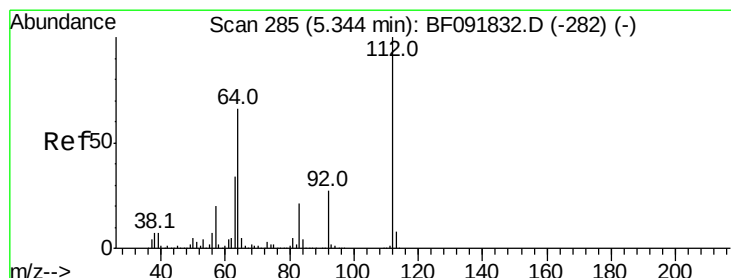
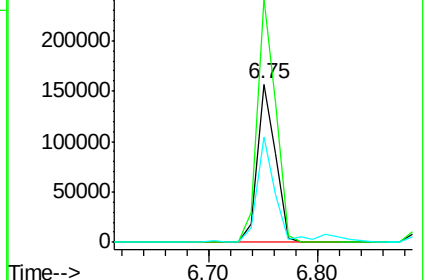
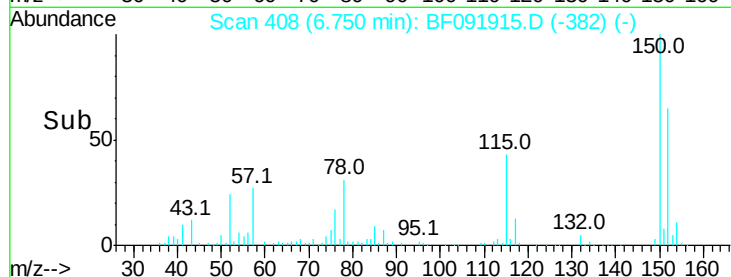
115 66.9 46.0 69.0



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: 131.15 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.07 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

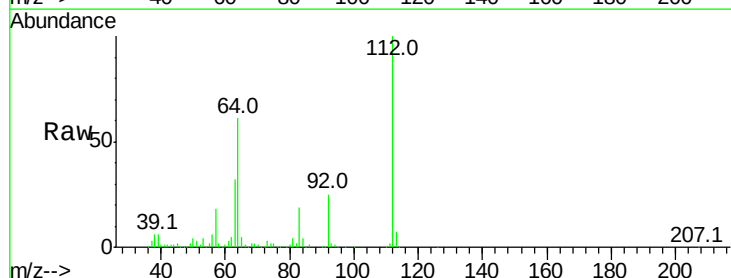
Tgt Ion:112 Resp: 1446340

Ion Ratio Lower Upper

112 100

64 60.5 46.1 69.1

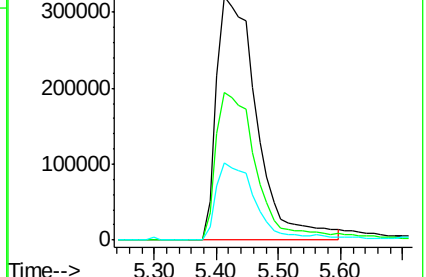
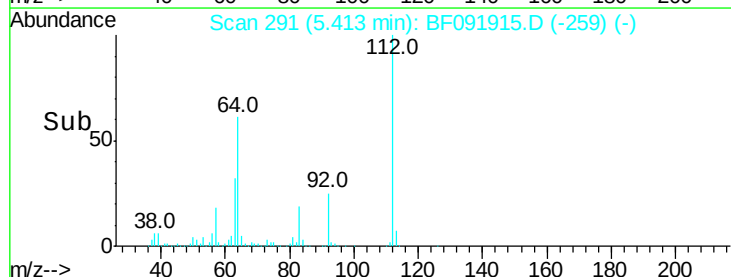
63 31.6 23.8 35.6

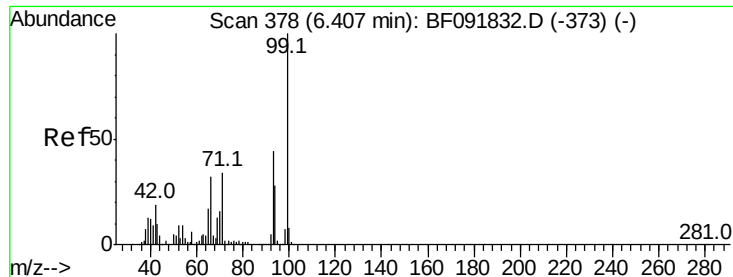


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 60.31 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.08 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

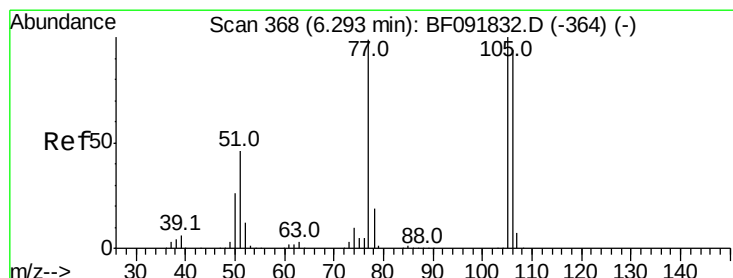
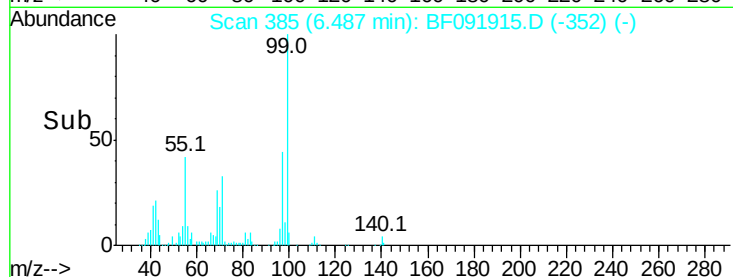
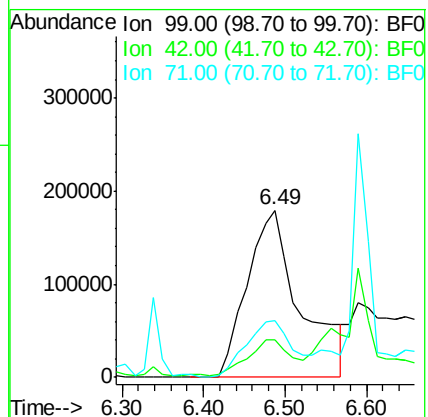
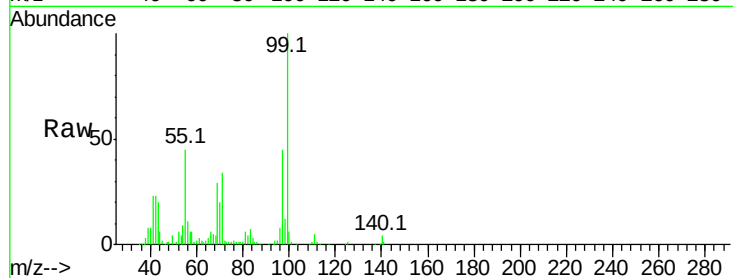
Tot Ion: 99 Resp: 811991

Ion Ratio Lower Upper

99 100

42 22.7 15.6 23.4

71 33.7 27.5 41.3



#9

Benzaldehyde

Concen: 3.76 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

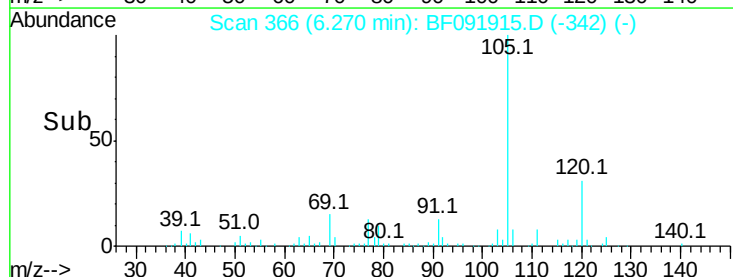
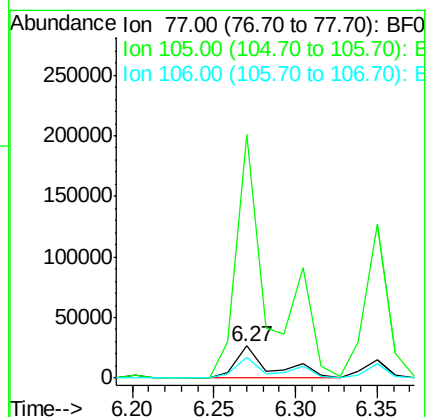
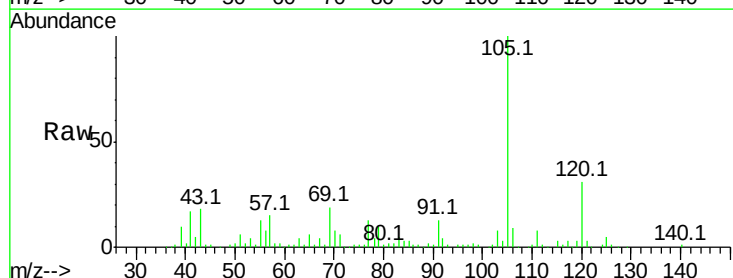
Tgt Ion: 77 Resp: 39995

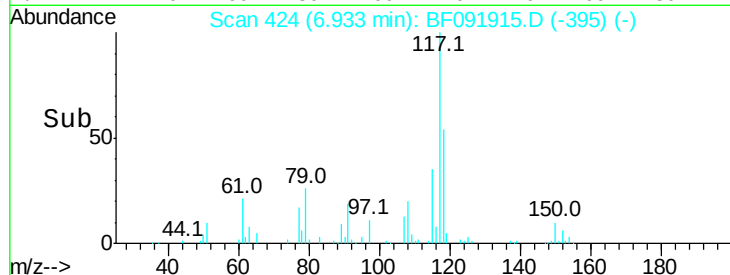
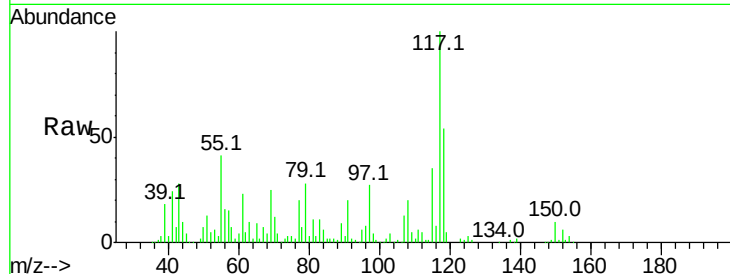
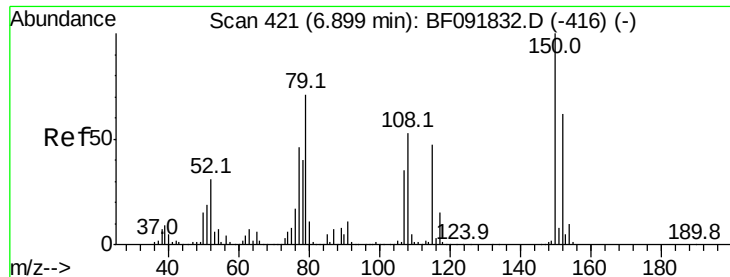
Ion Ratio Lower Upper

77 100

105 762.1 83.9 123.9#

106 65.2 77.6 117.6#

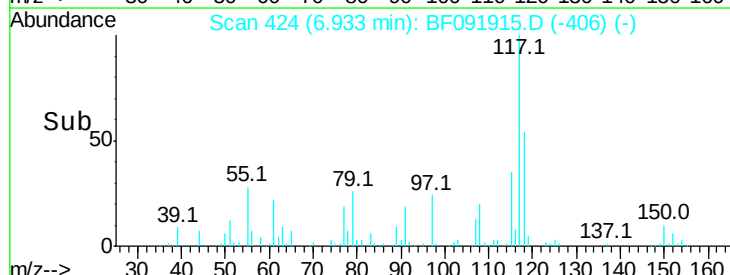
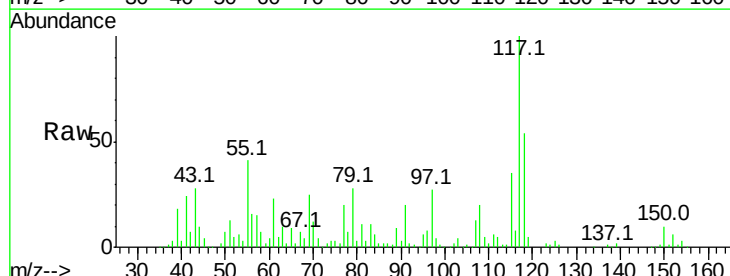
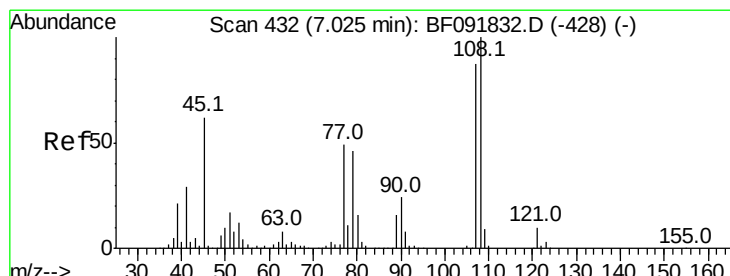
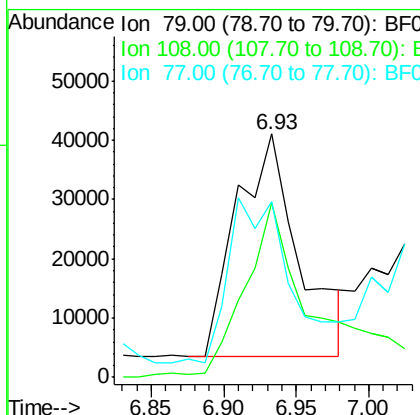




#15
Benzyl Alcohol
Concen: 10.71 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.03 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

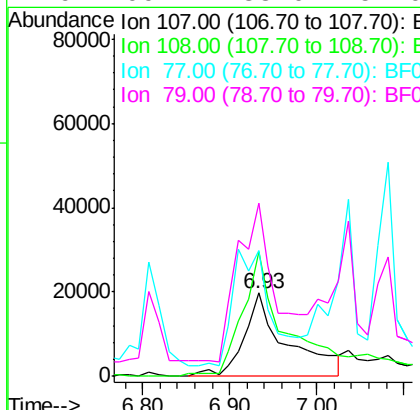
Instrument :
BNA_F
ClientSampled :

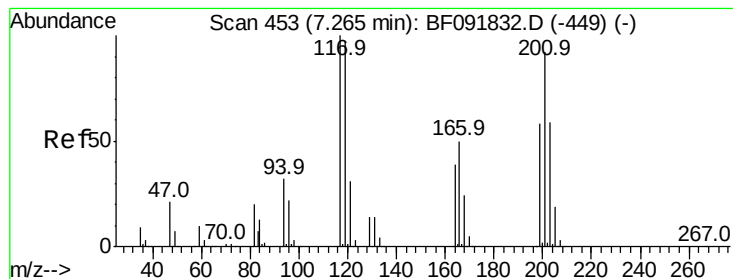
Tot Ion: 79 Resp: 112011
Ion Ratio Lower Upper
79 100
108 71.6 61.4 92.0
77 72.3 50.9 76.3



#17
2-Methylphenol
Concen: 6.63 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.09 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion: 107 Resp: 66889
Ion Ratio Lower Upper
107 100
108 149.9 93.0 139.6#
77 151.2 39.8 59.8#
79 209.2 38.0 57.0#





#18

Hexachloroethane

Concen: 9.08 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

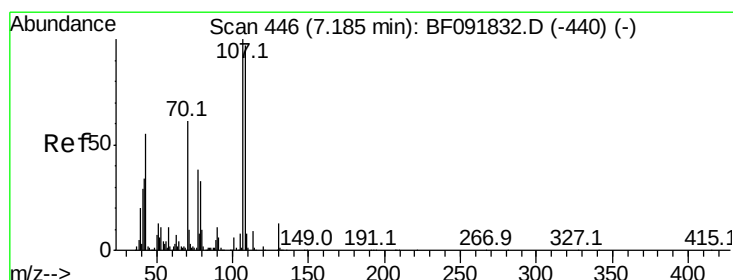
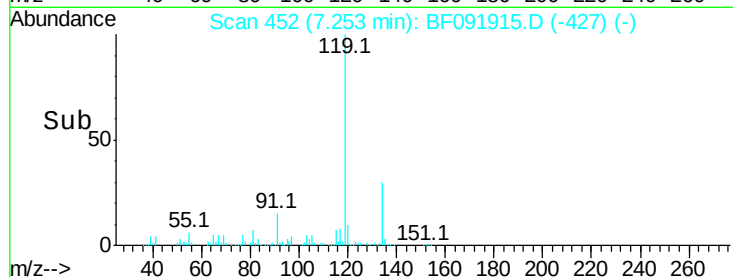
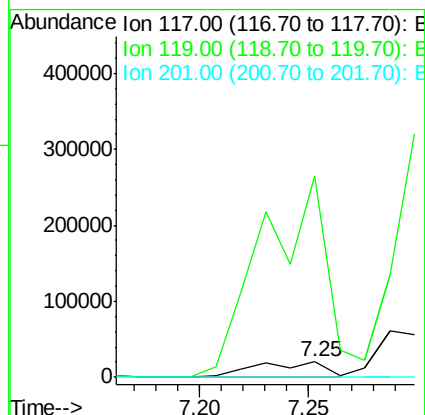
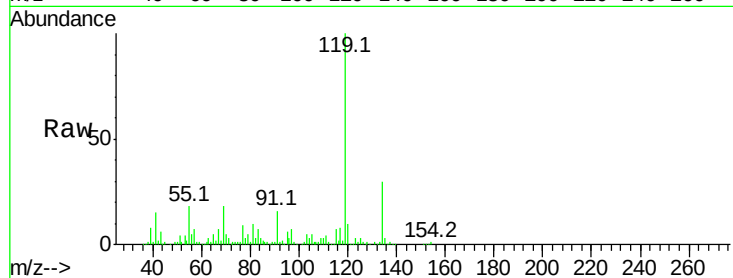
Tot Ion:117 Resp: 45873

Ion Ratio Lower Upper

117 100

119 1292.3 78.1 117.1#

201 0.0 78.6 117.8#



#19

n-Nitroso-di-n-propylamine

Concen: 3.07 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Tgt Ion: 70 Resp: 27512

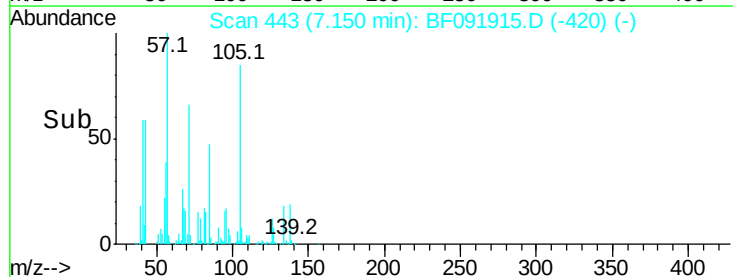
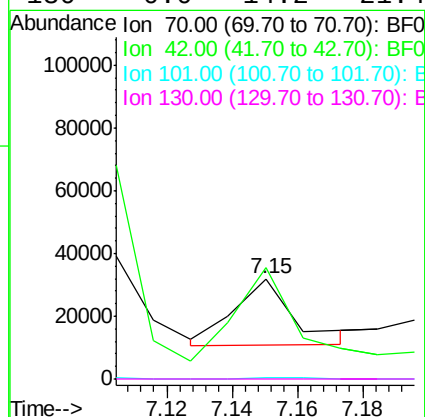
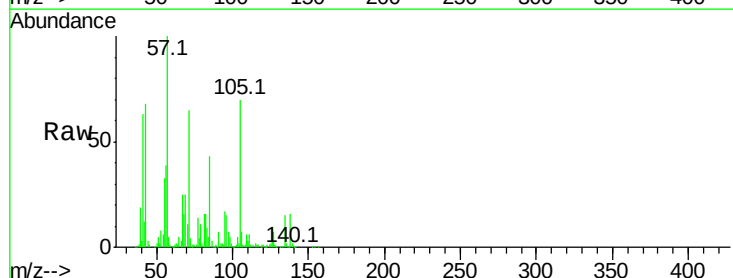
Ion Ratio Lower Upper

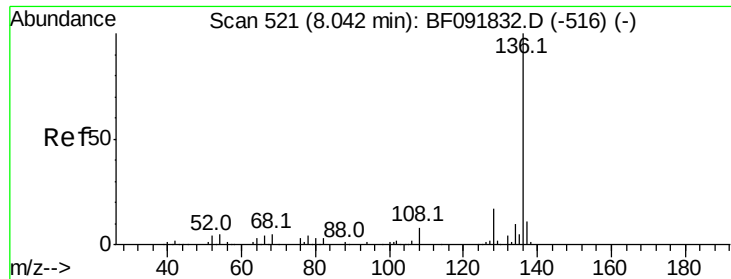
70 100

42 110.4 49.4 74.0#

101 1.4 7.4 11.2#

130 0.0 14.2 21.4#

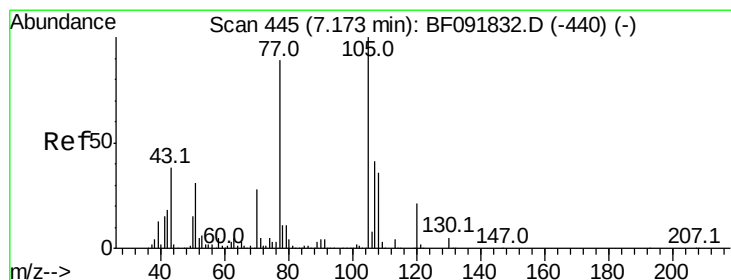
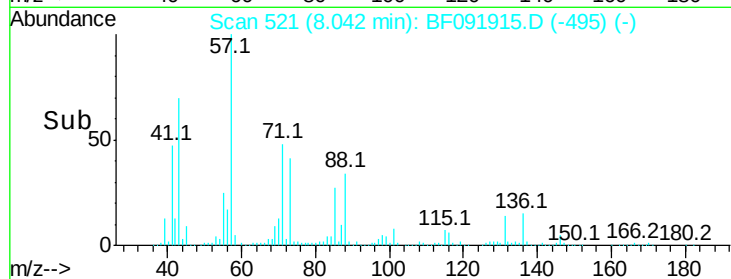
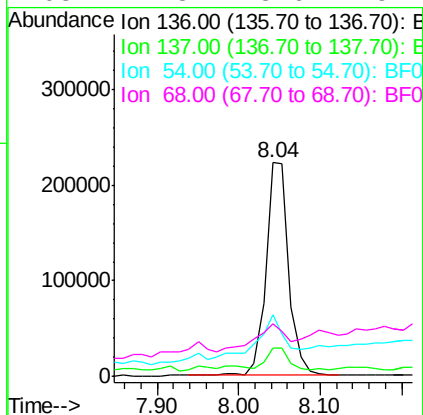
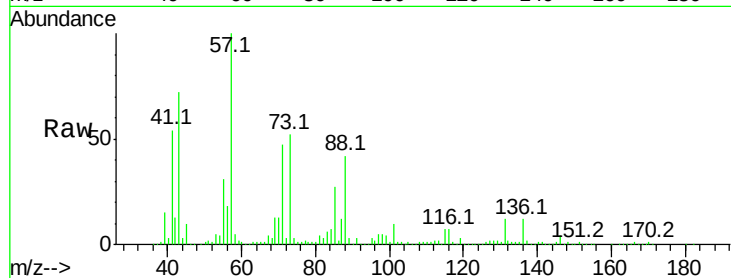




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

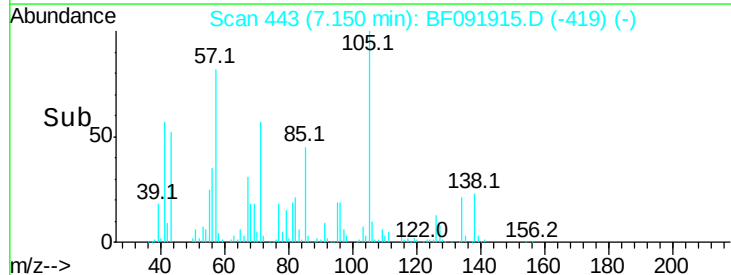
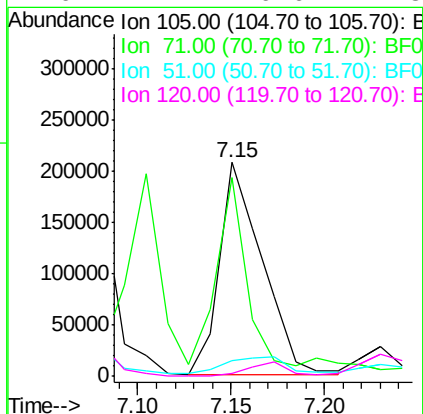
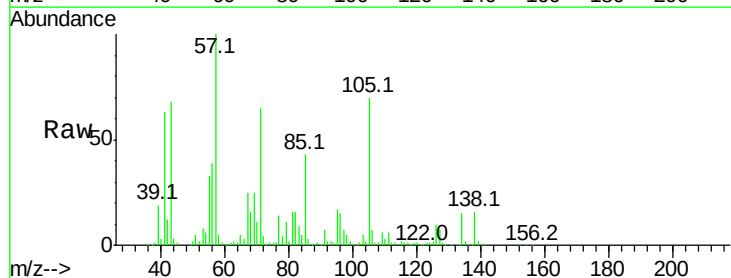
Instrument :
BNA_F
ClientSampleId :

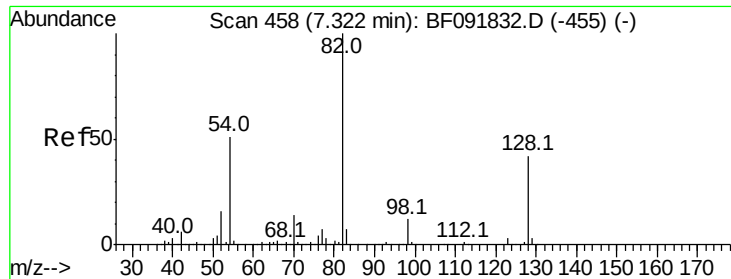
Tot Ion:	136	Resp:	437297
Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.4	12.6#
54	28.6	4.5	6.7#
68	24.8	3.6	5.4#



#22
Acetophenone
Concen: 30.81 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:	105	Resp:	332369
Ion	Ratio	Lower	Upper
105	100		
71	92.7	3.2	4.8#
51	7.4	26.2	39.4#
120	1.1	16.6	24.8#



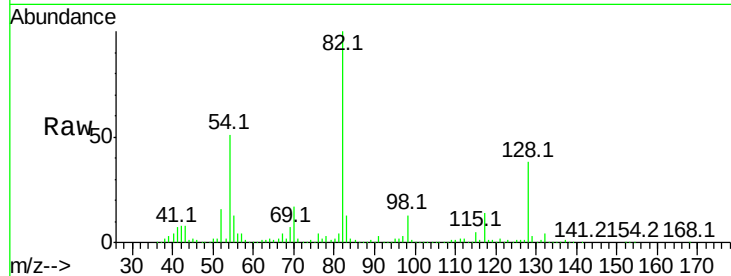


#23
 Nitrobenzene-d5
 Concen: 160.65 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091915.D
 Acq: 23 Dec 2016 9:36

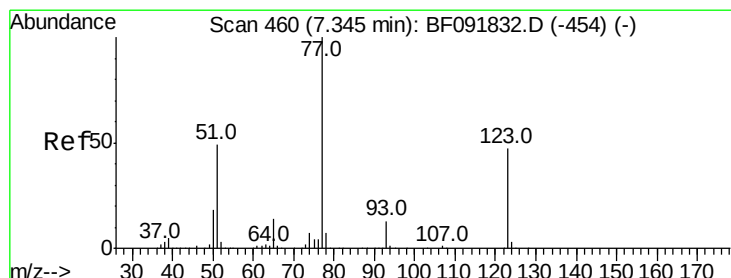
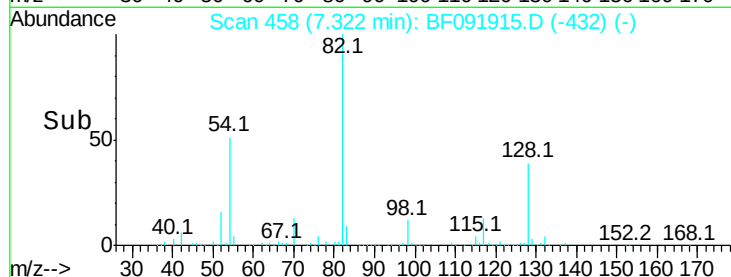
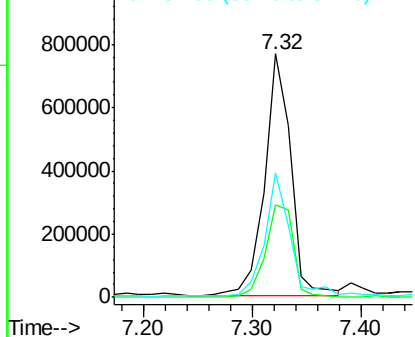
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1263376

Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.6	52.0
54	51.0	39.5	59.3



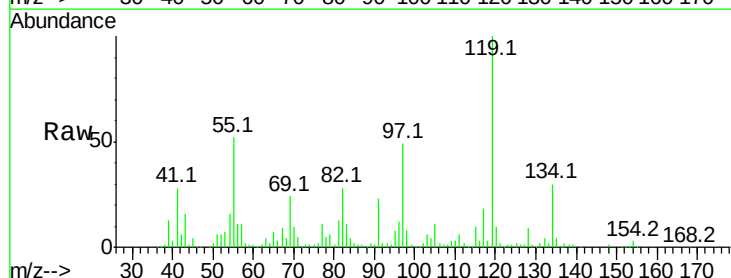
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



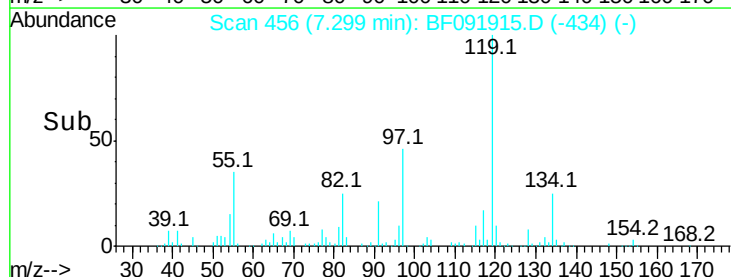
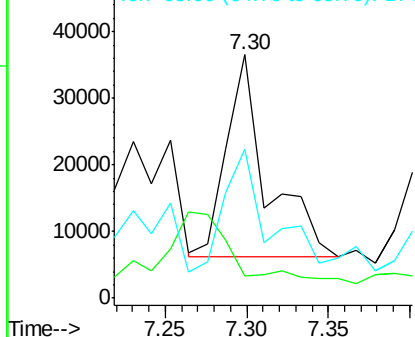
#24
 Nitrobenzene
 Concen: 6.24 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF091915.D
 Acq: 23 Dec 2016 9:36

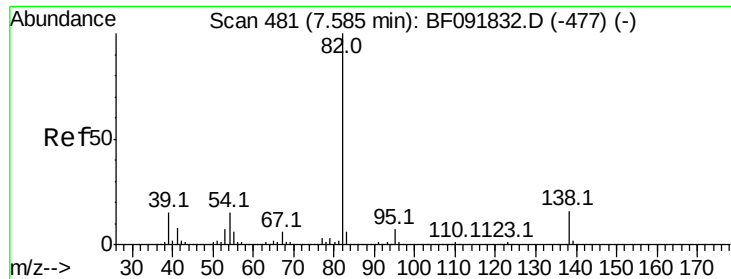
Tgt Ion: 77 Resp: 52286

Ion	Ratio	Lower	Upper
77	100		
123	8.9	33.0	49.4#
65	61.0	11.2	16.8#



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: 7.13 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :
BNA_F
ClientSampleId :

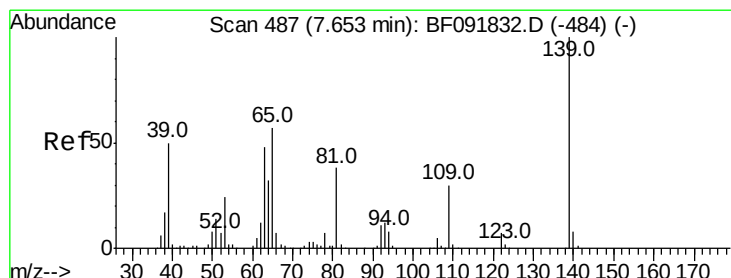
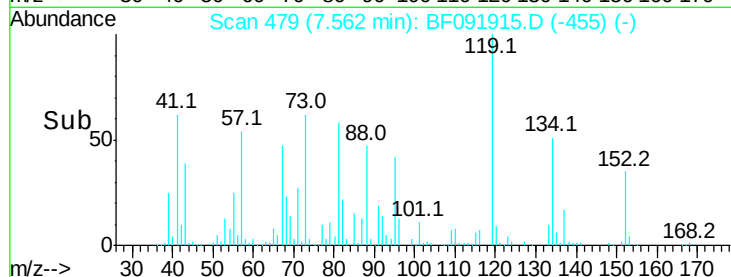
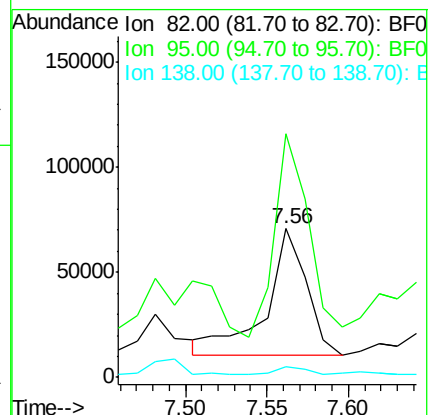
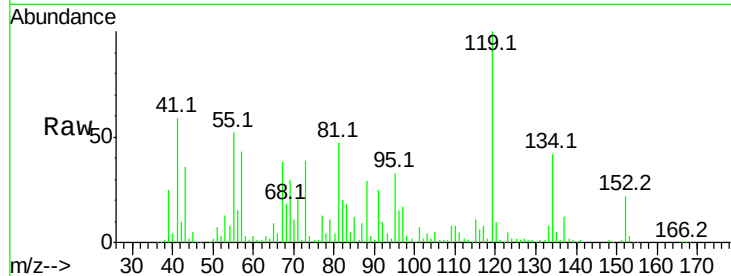
Tot Ion: 82 Resp: 103518

Ion Ratio Lower Upper

82 100

95 163.6 5.6 8.4#

138 7.5 14.6 22.0#



#26

2-Nitrophenol

Concen: 2.32 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

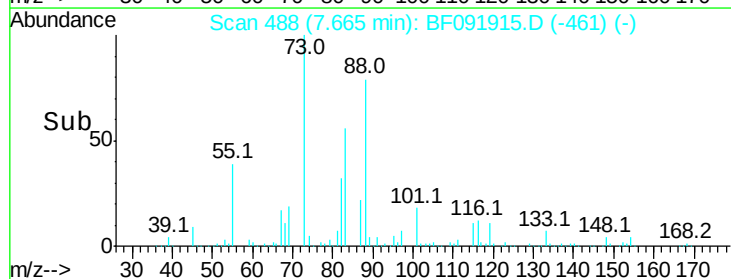
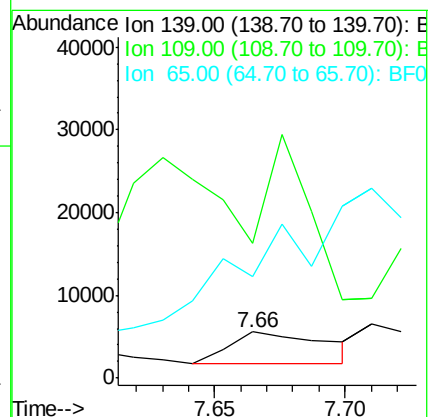
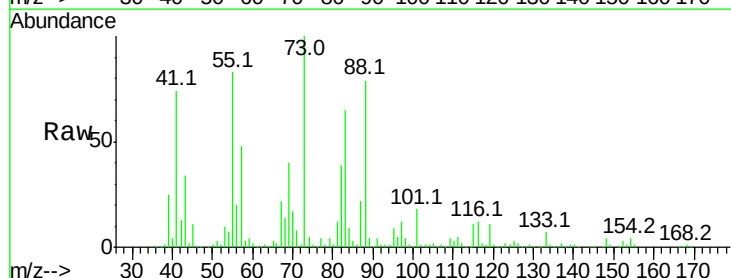
Tgt Ion:139 Resp: 9586

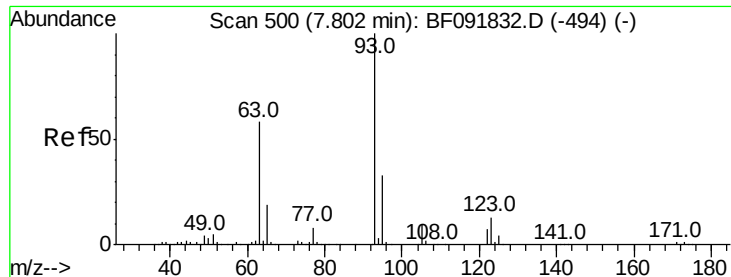
Ion Ratio Lower Upper

139 100

109 290.9 23.3 34.9#

65 219.7 42.7 64.1#





#28

bis(2-Chloroethoxy)methane

Concen: 2.95 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampled :

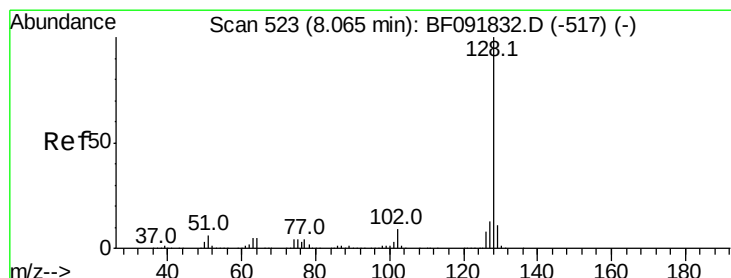
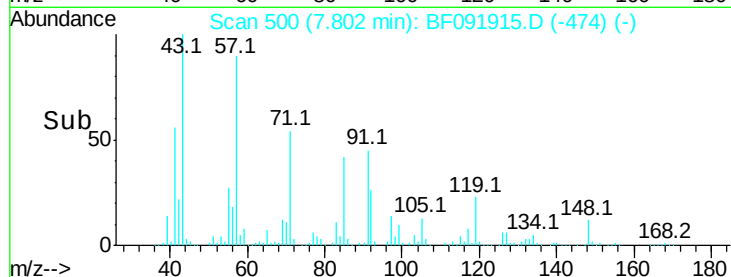
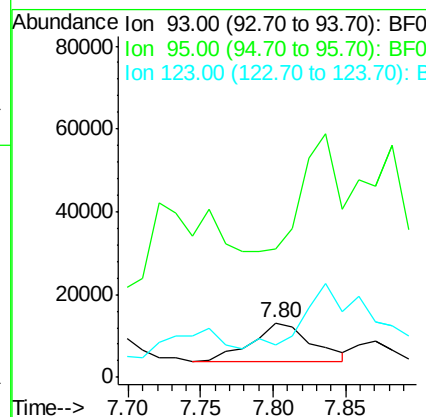
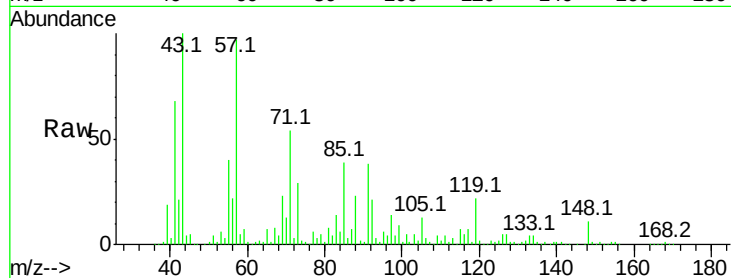
Tot Ion: 93 Resp: 25971

Ion Ratio Lower Upper

93 100

95 235.7 26.5 39.7#

123 60.4 8.6 13.0#



#31

Naphthalene

Concen: 16.33 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

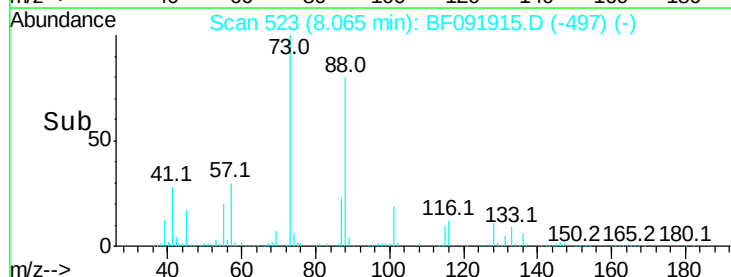
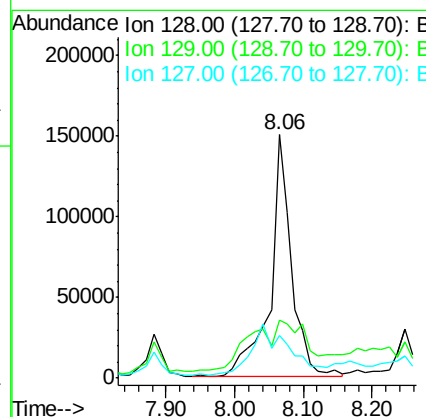
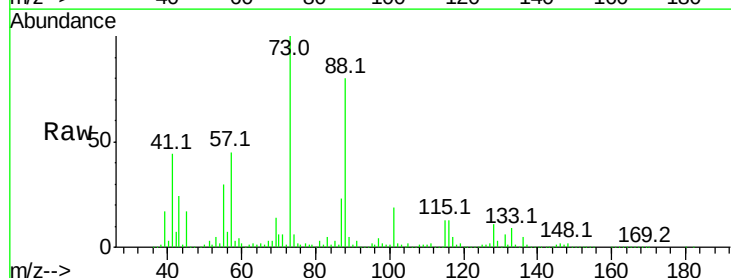
Tgt Ion: 128 Resp: 326740

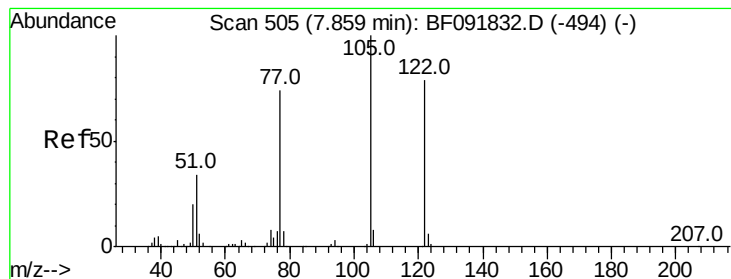
Ion Ratio Lower Upper

128 100

129 23.9 9.5 14.3#

127 17.6 10.8 16.2#





#32

Benzoic acid

Concen: 2.40 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

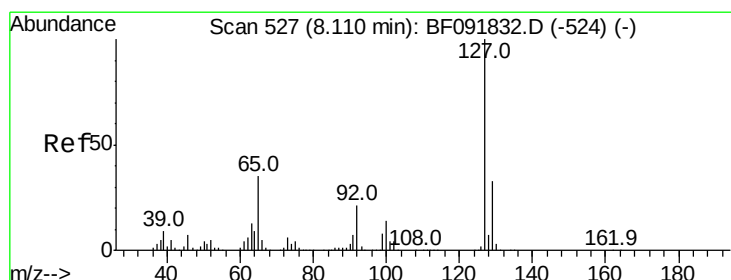
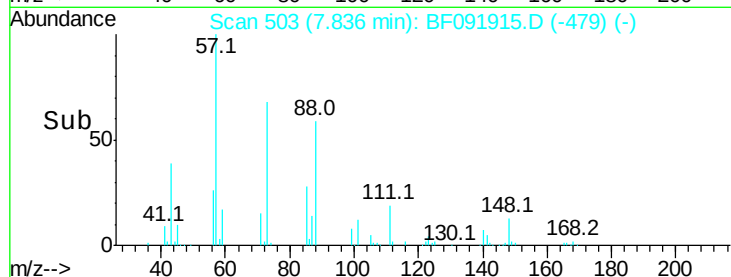
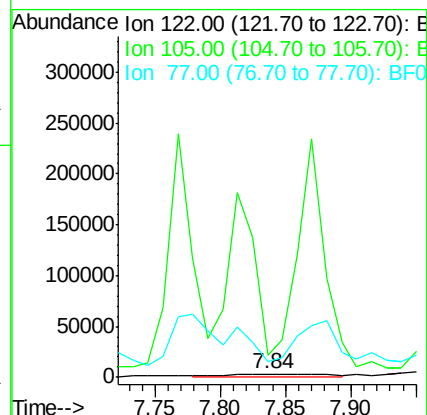
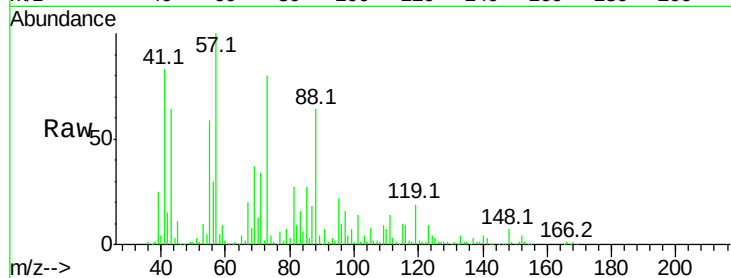
Tot Ion:122 Resp: 12188

Ion Ratio Lower Upper

122 100

105 651.0 107.2 147.2#

77 480.3 74.5 114.5#



#33

4-Chloroaniline

Concen: 2.53 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.06 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Tgt Ion:127 Resp: 22849

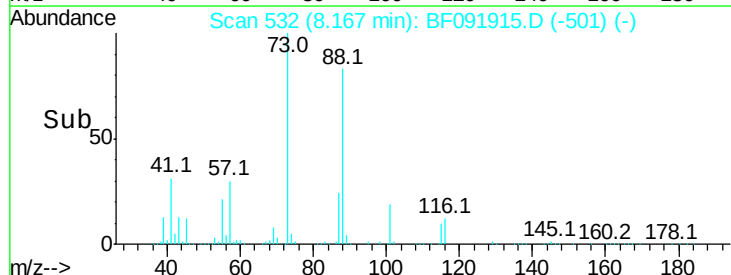
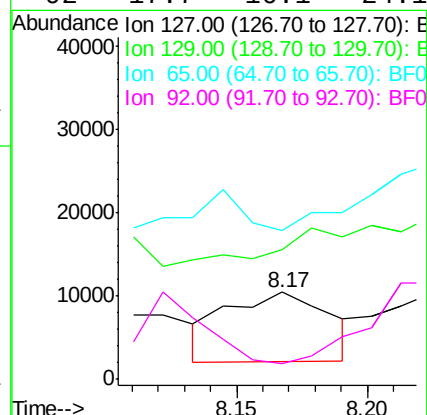
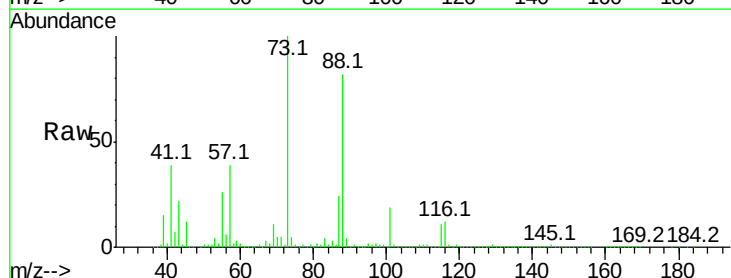
Ion Ratio Lower Upper

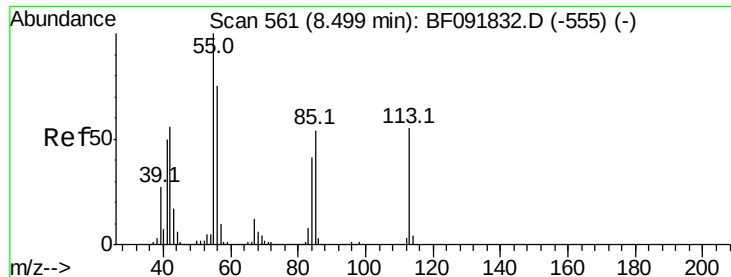
127 100

129 148.0 26.3 39.5#

65 170.5 25.8 38.8#

92 17.7 16.1 24.1





#35

Caprolactam

Concen: 59.25 ng

RT: 8.51 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

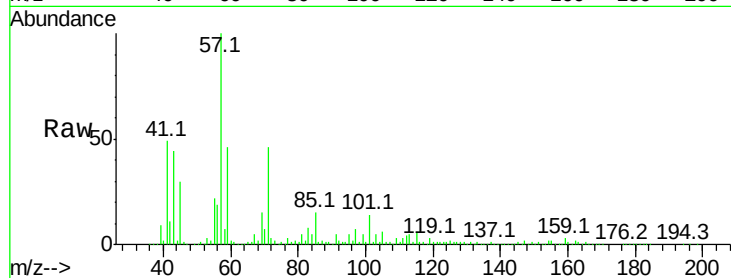
Tot Ion:113 Resp: 112954

Ion Ratio Lower Upper

113 100

55 433.2 119.2 159.2#

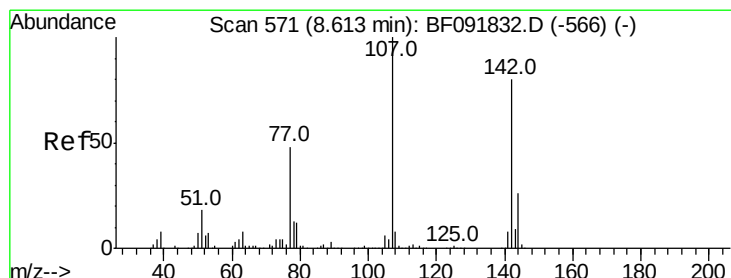
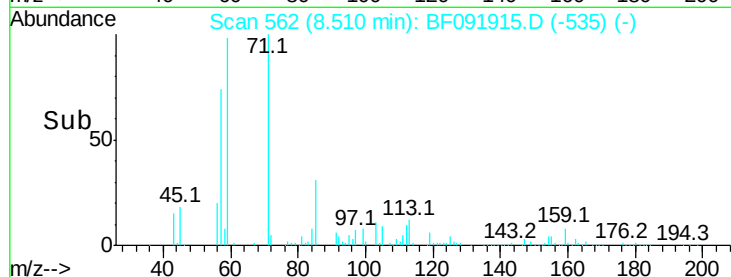
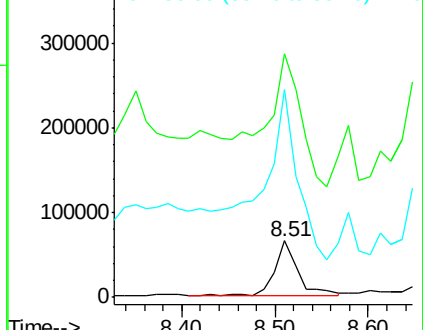
56 368.7 83.8 123.8#



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



#36

4-Chloro-3-methylphenol

Concen: 3.25 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.02 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

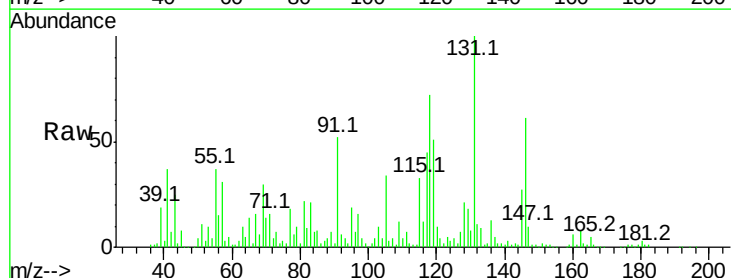
Tgt Ion:107 Resp: 21679

Ion Ratio Lower Upper

107 100

144 35.2 19.3 28.9#

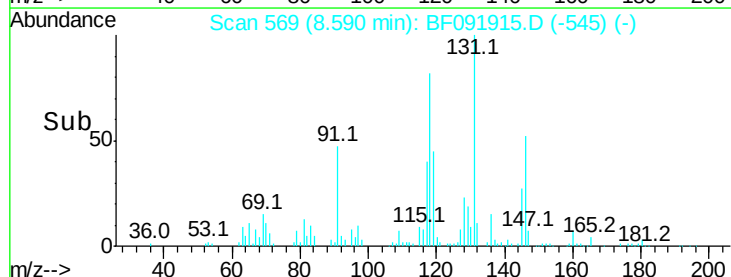
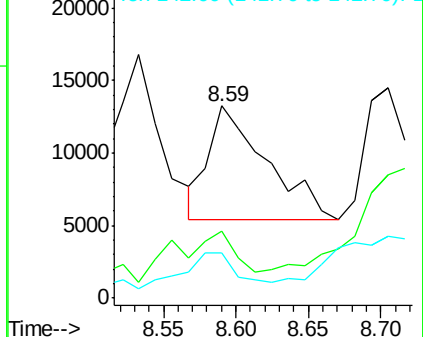
142 23.3 59.0 88.6#

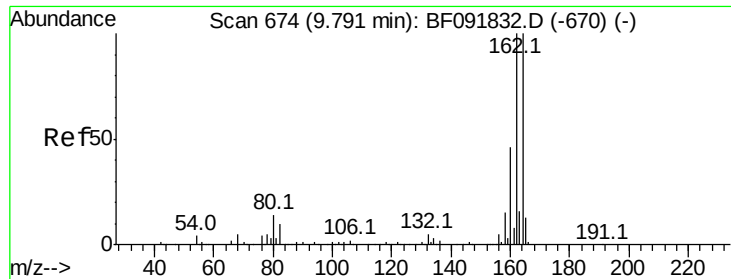


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

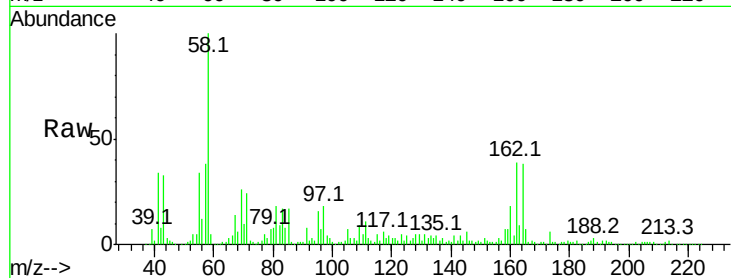




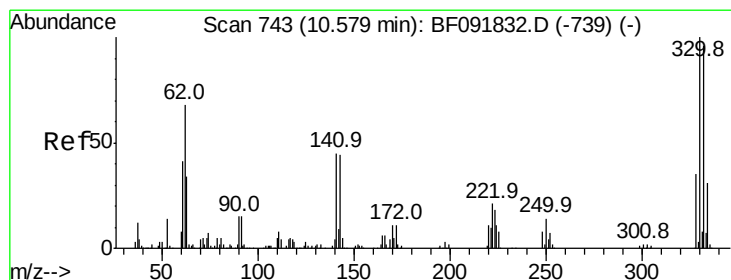
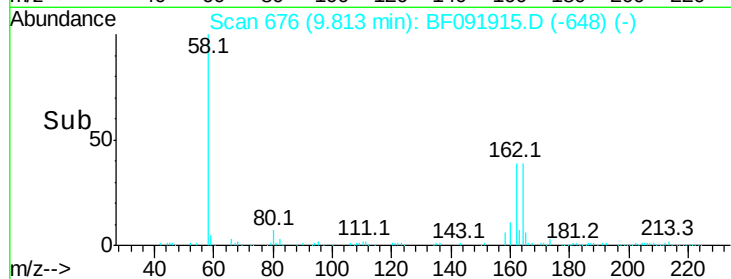
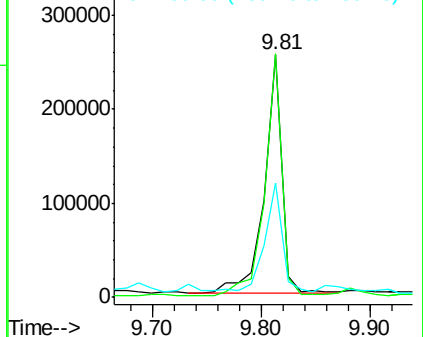
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 288350
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 47.0 36.9 55.3

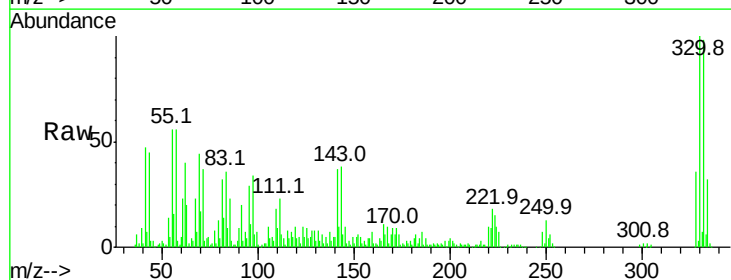


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

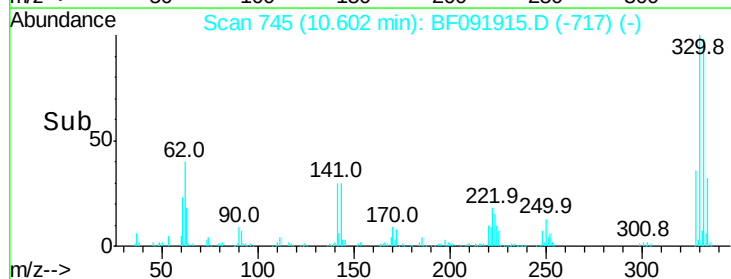
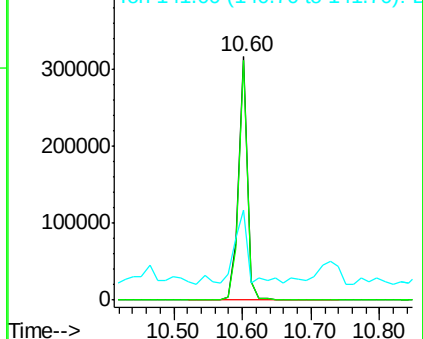


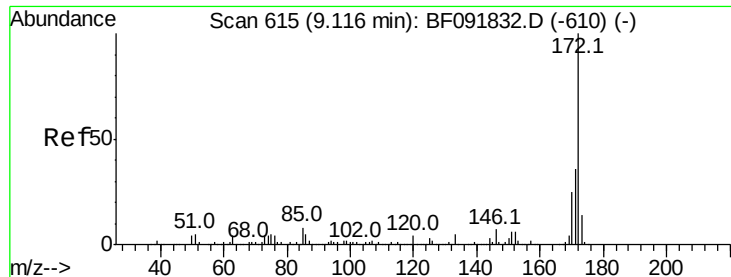
#41
2,4,6-Tribromophenol
Concen: 123.58 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:330 Resp: 294889
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 45.6 34.1 51.1



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

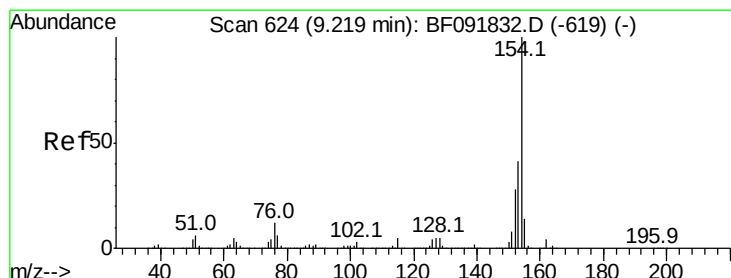
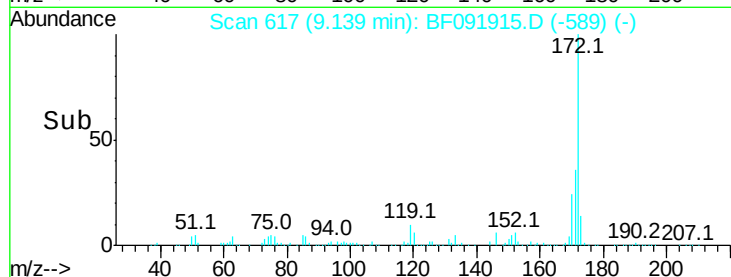
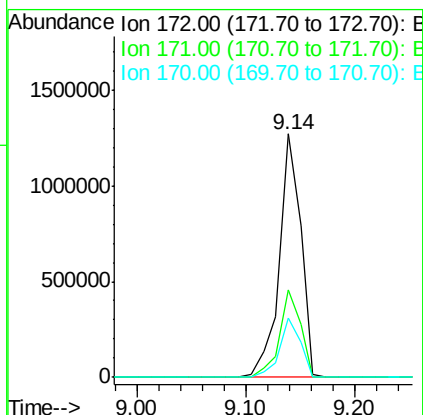
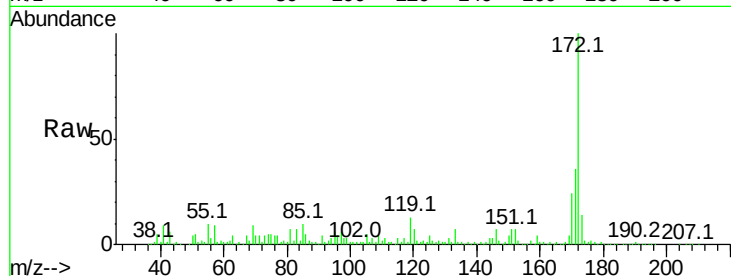




#44
2-Fluorobiphenyl
Concen: 131.42 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

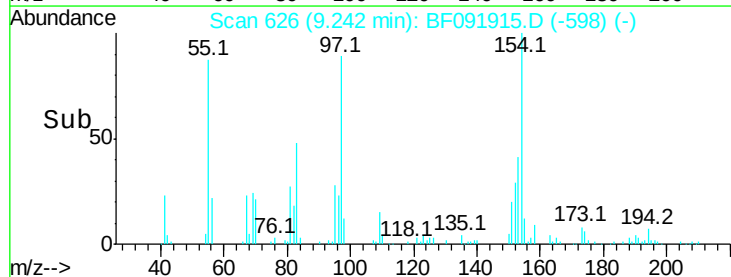
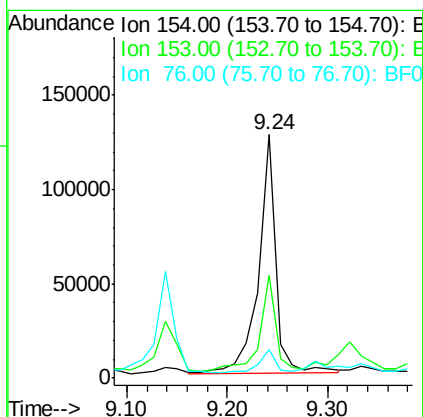
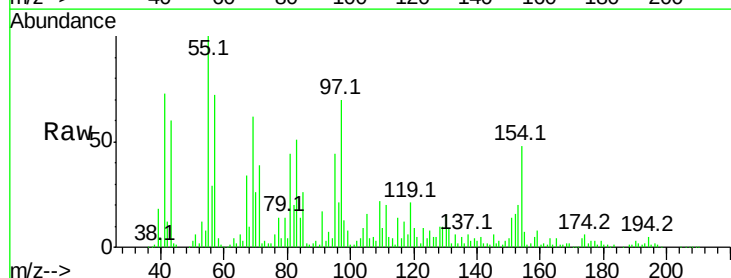
Instrument :
BNA_F
ClientSampleId :

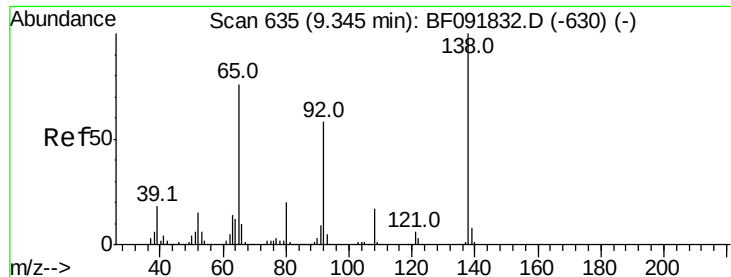
Tot Ion:172 Resp: 1750350
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.3 20.2 30.4



#45
1,1'-Biphenyl
Concen: 7.74 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:154 Resp: 152760
Ion Ratio Lower Upper
154 100
153 42.2 20.9 60.9
76 11.5 0.0 30.5





#47

2-Nitroaniline

Concen: 2.09 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.07 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

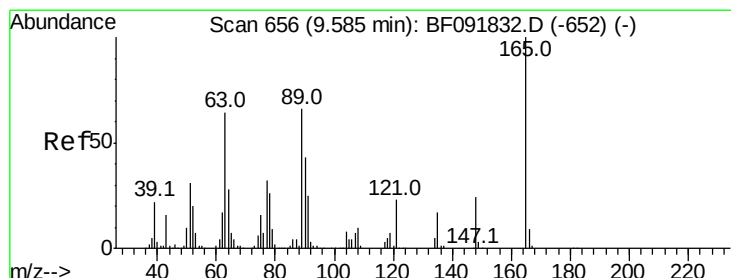
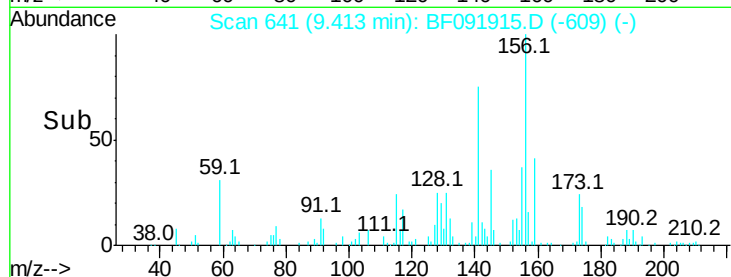
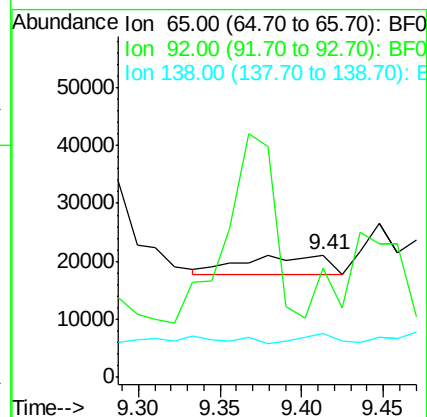
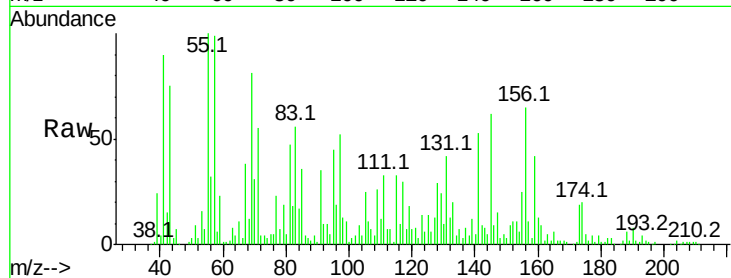
Tot Ion: 65 Resp: 11641

Ion Ratio Lower Upper

65 100

92 89.1 53.9 80.9#

138 35.7 76.8 115.2#



#50

2,6-Dinitrotoluene

Concen: 7.68 ng

RT: 9.62 min Scan# 659

Delta R.T. 0.03 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

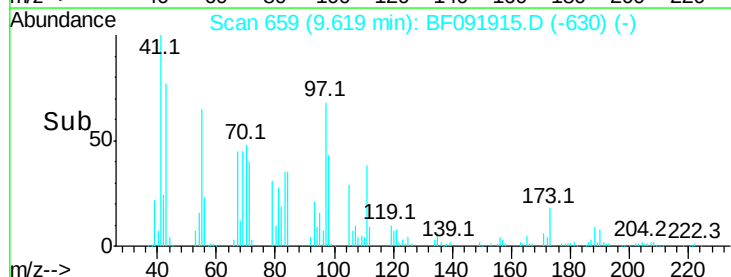
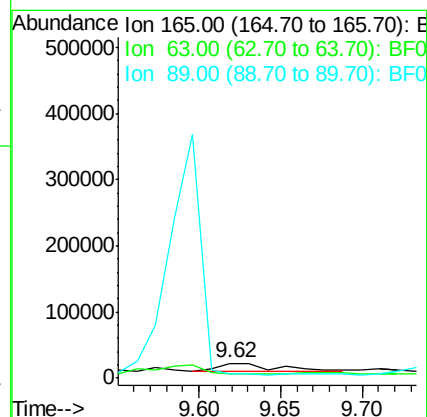
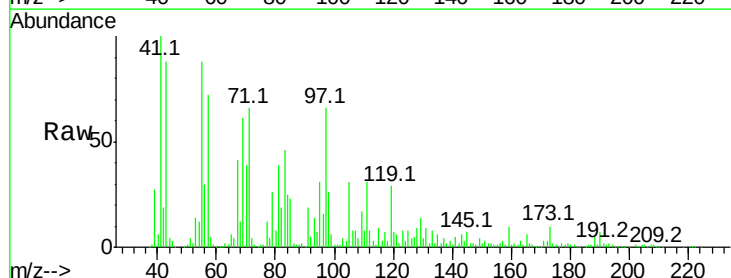
Tgt Ion: 165 Resp: 30995

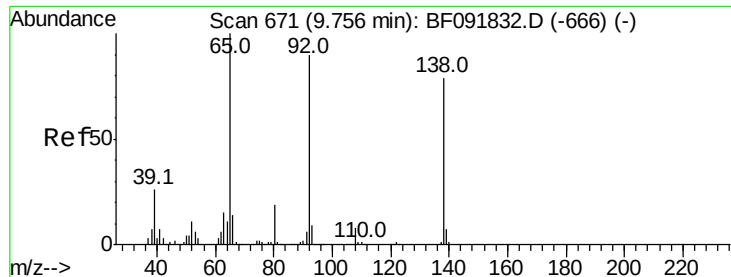
Ion Ratio Lower Upper

165 100

63 29.0 36.2 54.4#

89 28.2 40.2 60.4#





#52

3-Nitroaniline

Concen: 2.03 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.03 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

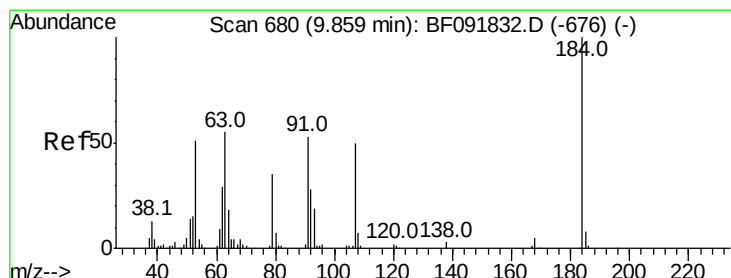
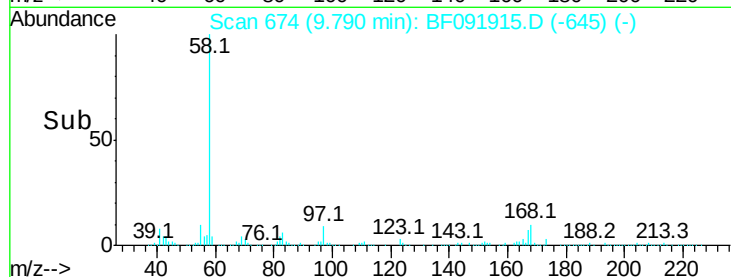
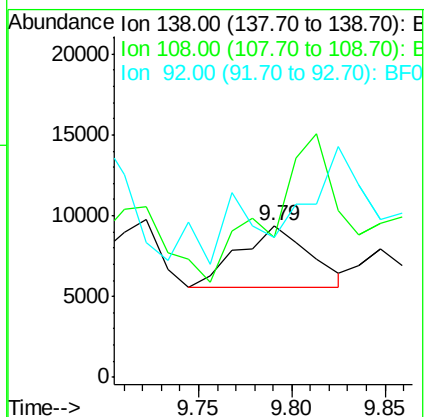
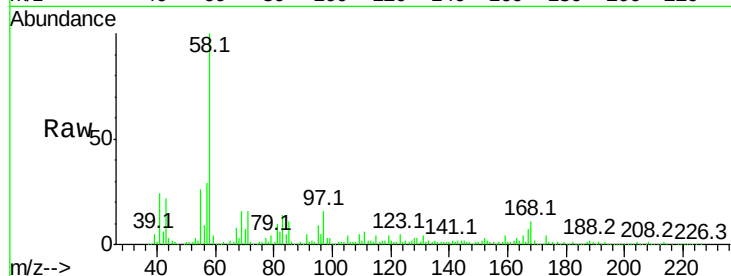
Tot Ion:138 Resp: 10154

Ion Ratio Lower Upper

138 100

108 92.0 8.5 12.7#

92 92.3 97.8 146.8#



#53

2,4-Dinitrophenol

Concen: 2.16 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.02 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

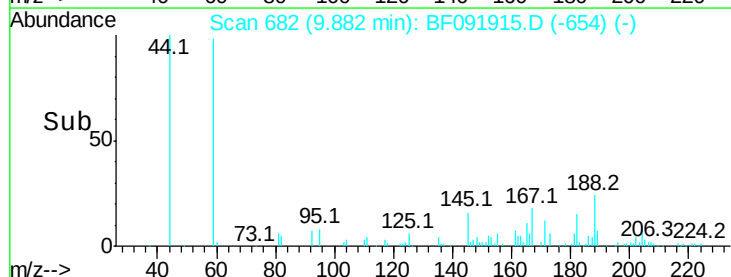
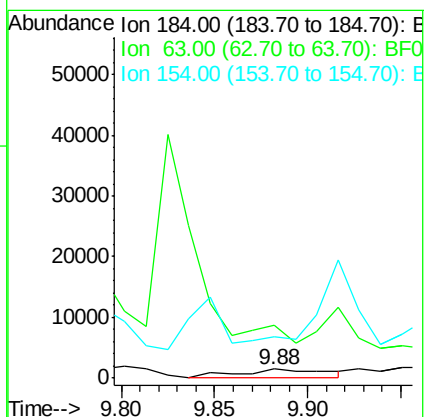
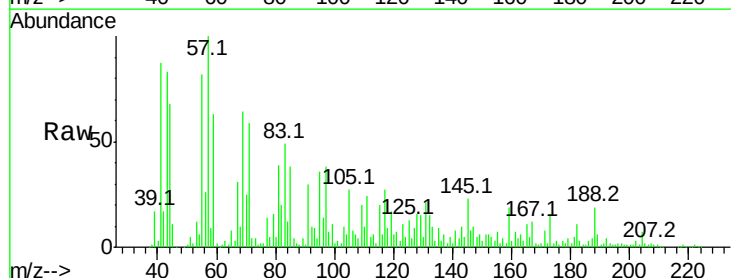
Tgt Ion:184 Resp: 4841

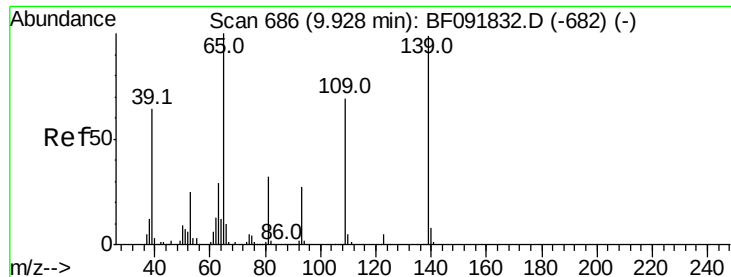
Ion Ratio Lower Upper

184 100

63 598.6 28.4 42.6#

154 462.4 44.3 66.5#

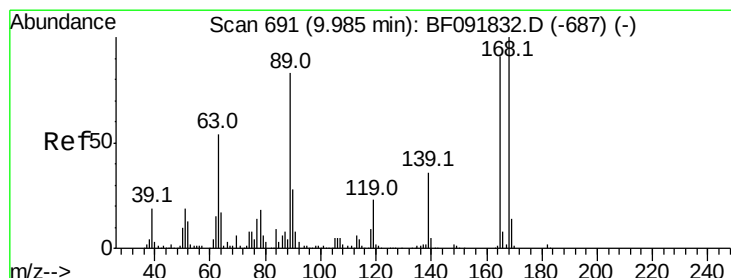
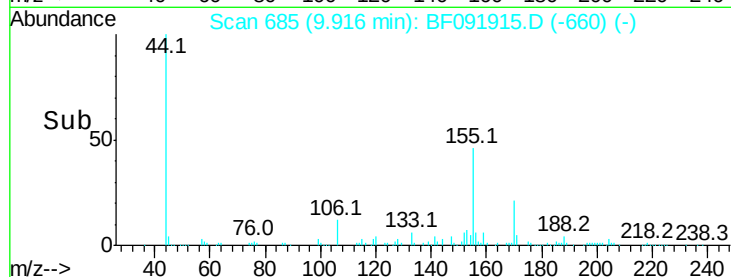
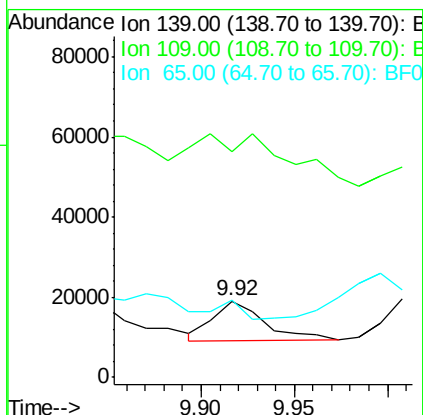
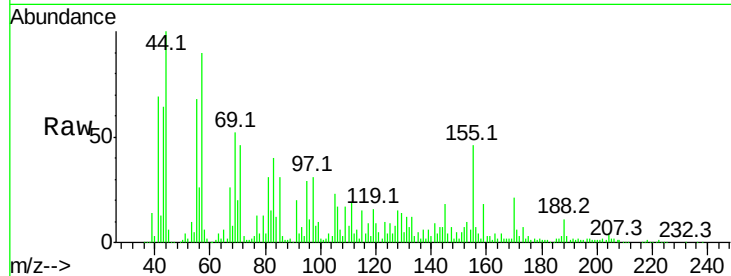




#55
4-Nitrophenol
Concen: 5.50 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

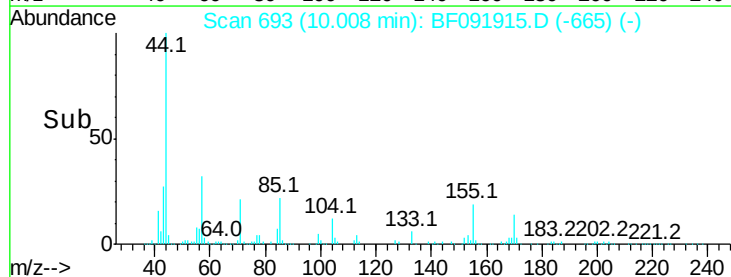
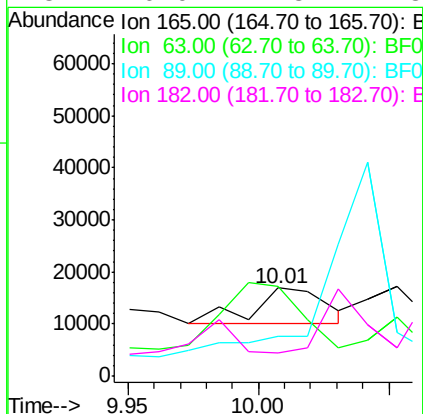
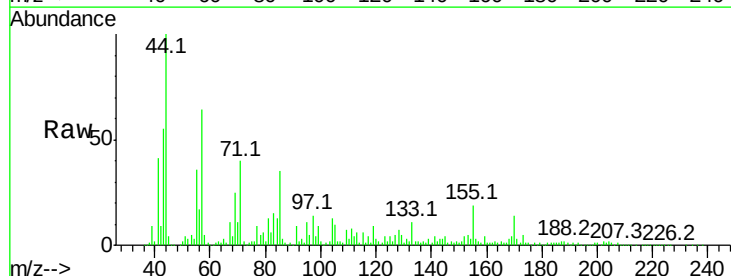
Instrument :
BNA_F
ClientSampleId :

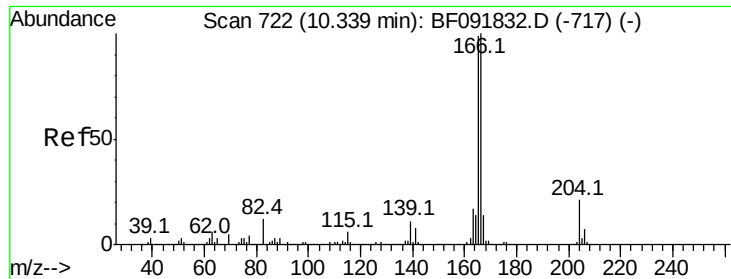
Tot Ion:139 Resp: 18656
Ion Ratio Lower Upper
139 100
109 297.9 52.2 92.2#
65 101.9 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 2.63 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:165 Resp: 13345
Ion Ratio Lower Upper
165 100
63 101.8 40.2 60.4#
89 44.7 62.5 93.7#
182 26.0 1.8 2.8#

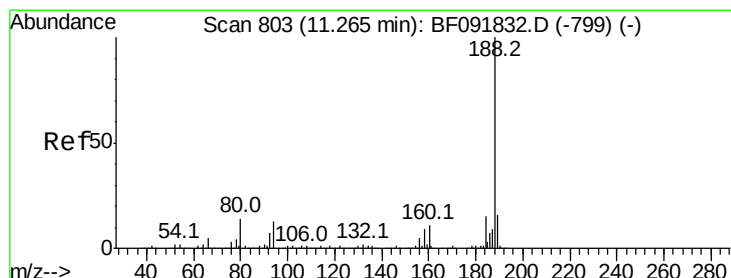
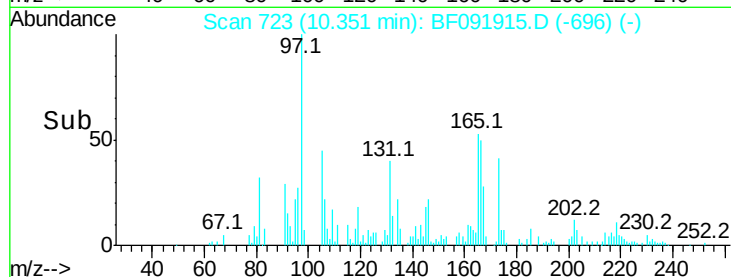
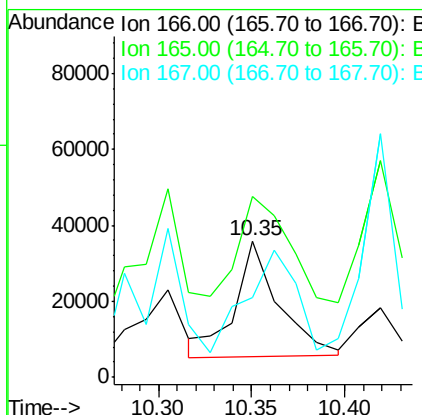
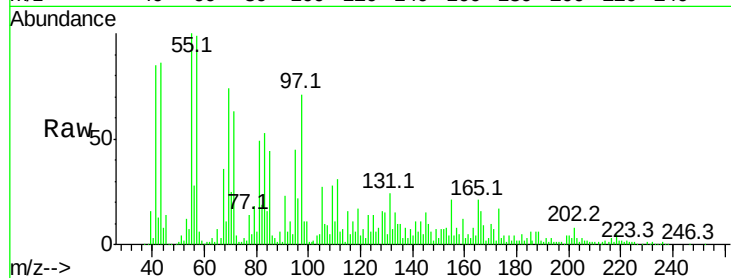




#57
Fluorene
 Concen: 3.14 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BF091915.D
 Acq: 23 Dec 2016 9:36

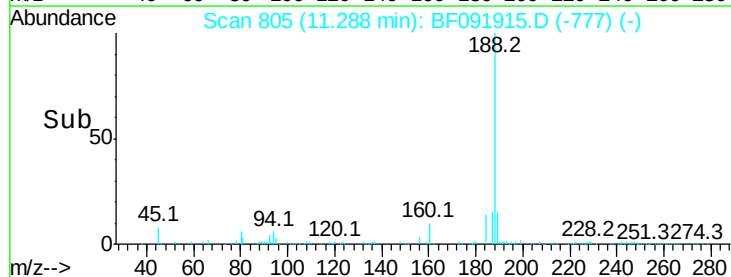
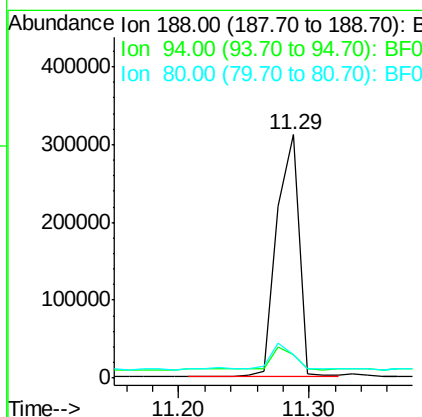
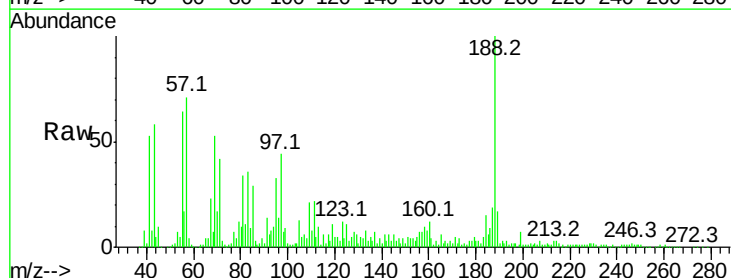
Instrument :
 BNA_F
 ClientSampleId :

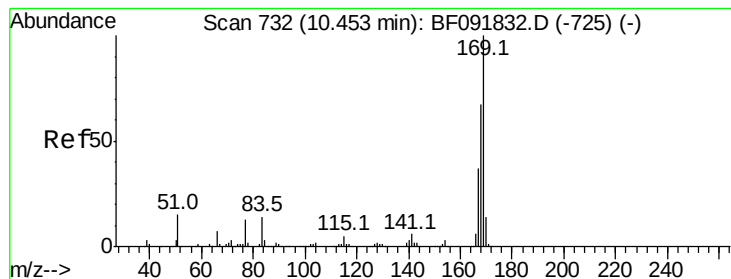
Tot Ion:166 Resp: 50228
 Ion Ratio Lower Upper
 166 100
 165 132.4 77.8 116.8#
 167 58.8 10.8 16.2#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.02 min
 Lab File: BF091915.D
 Acq: 23 Dec 2016 9:36

Tgt Ion:188 Resp: 376521
 Ion Ratio Lower Upper
 188 100
 94 9.6 10.0 15.0#
 80 9.7 11.2 16.8#

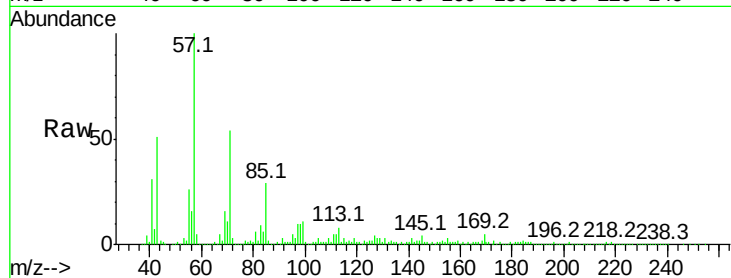




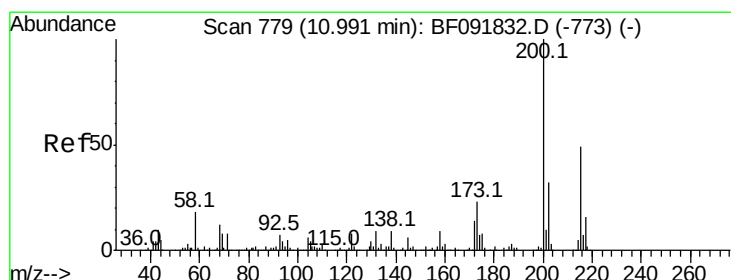
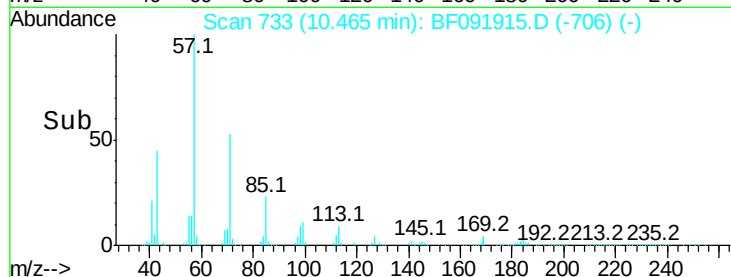
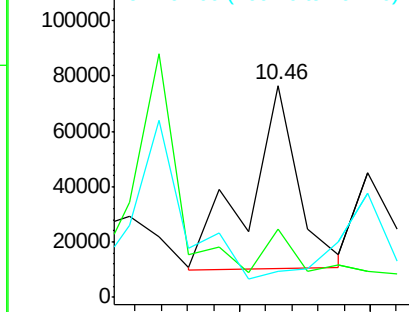
#65
n-Nitrosodiphenylamine
Concen: 7.90 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 88313
Ion Ratio Lower Upper
169 100
168 32.2 54.2 81.2#
167 12.1 30.2 45.4#

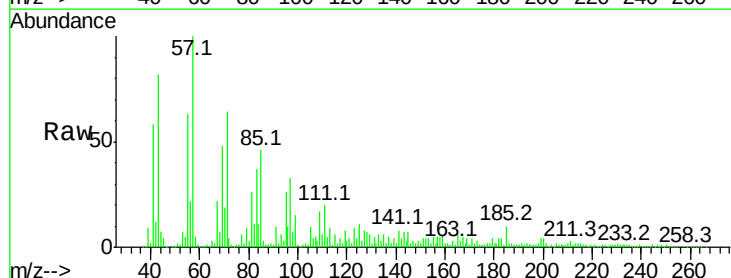


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

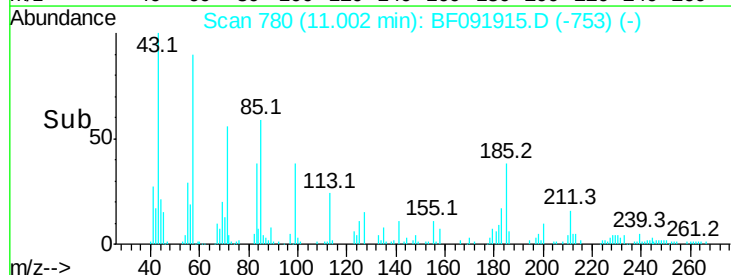
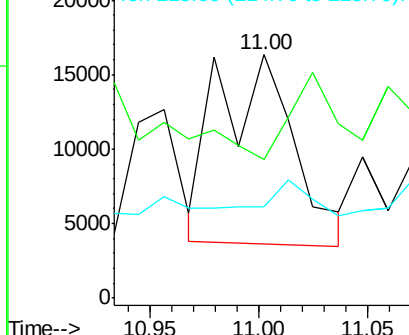


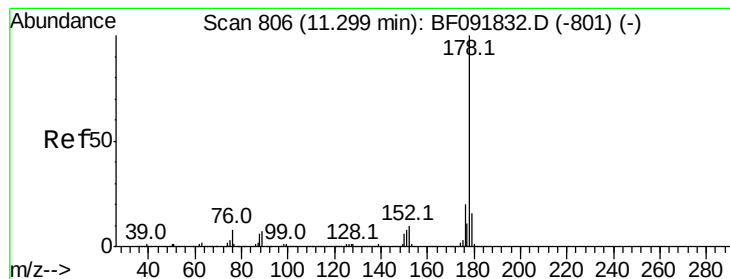
#68
Atrazine
Concen: 8.50 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:200 Resp: 30640
Ion Ratio Lower Upper
200 100
173 57.2 9.6 49.6#
215 37.5 25.7 65.7



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: 3.12 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

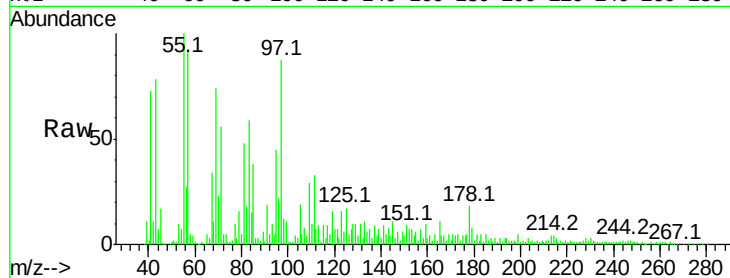
Tot Ion:178 Resp: 63631

Ion Ratio Lower Upper

178 100

176 24.3 16.6 25.0

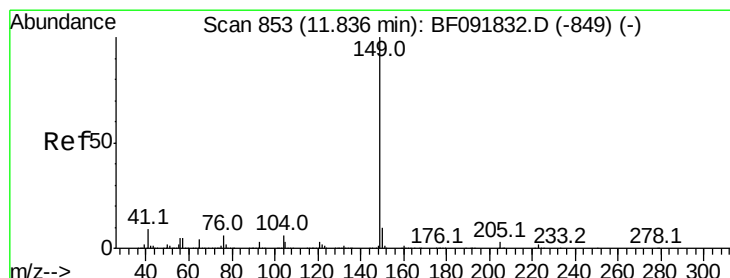
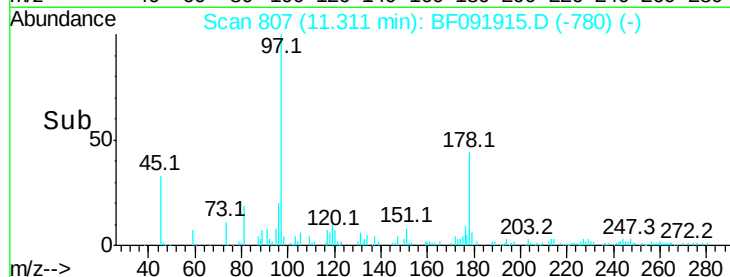
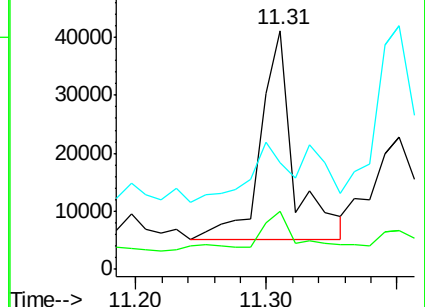
179 44.7 12.8 19.2#



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: Below Cal

RT: 11.85 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

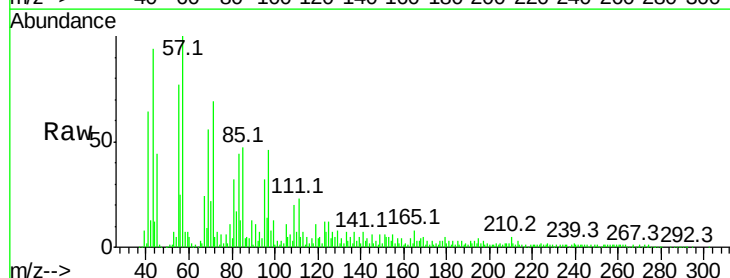
Tgt Ion:149 Resp: 15619

Ion Ratio Lower Upper

149 100

150 36.2 8.1 12.1#

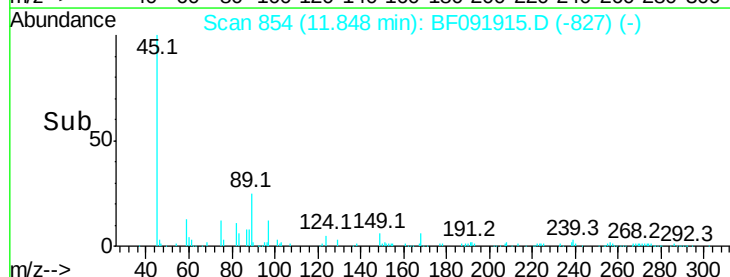
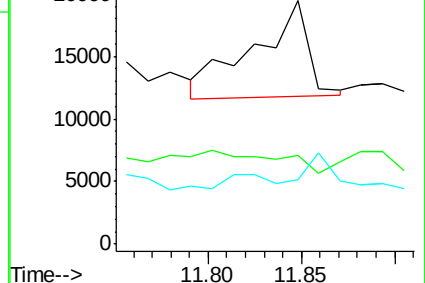
104 26.5 4.6 7.0#

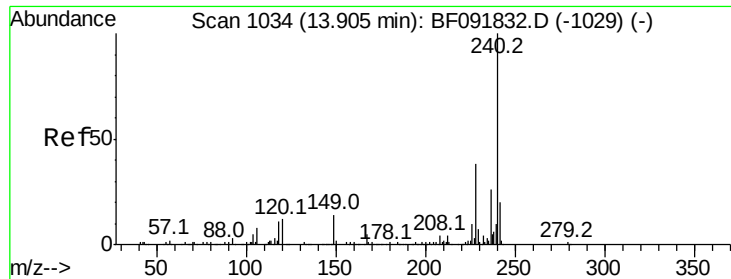


Abundance Ion 149.00 (148.70 to 149.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

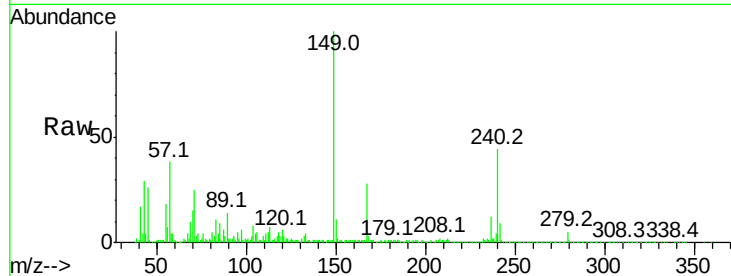
Tot Ion:240 Resp: 290965

Ion Ratio Lower Upper

240 100

120 13.4 12.9 19.3

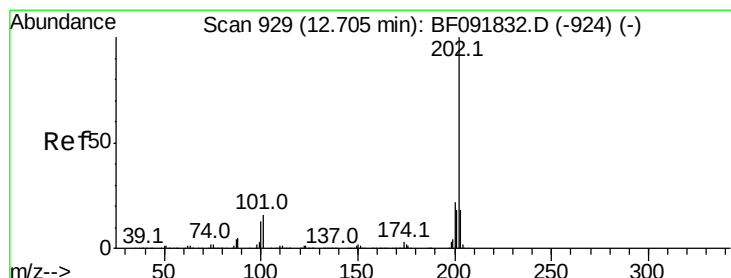
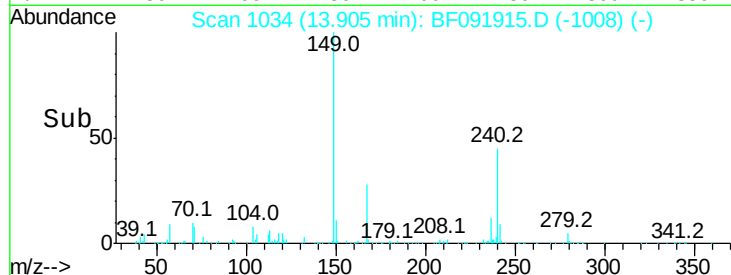
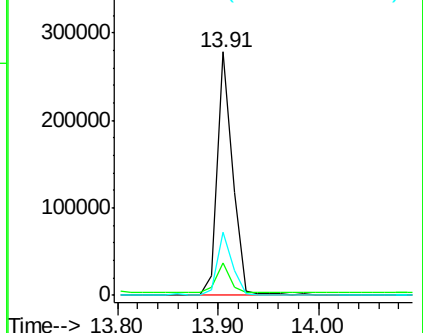
236 26.2 20.9 31.3



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



#77

Pyrene

Concen: 2.18 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

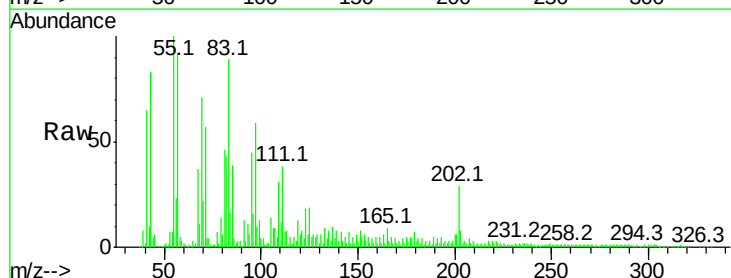
Tgt Ion:202 Resp: 46541

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

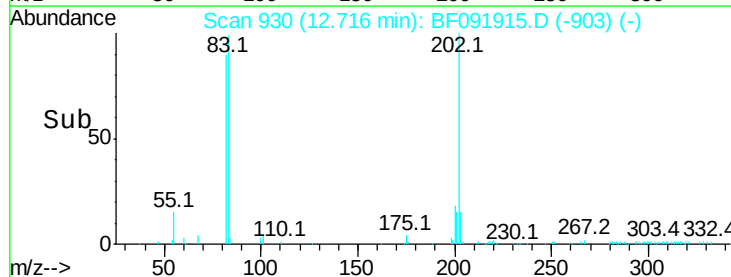
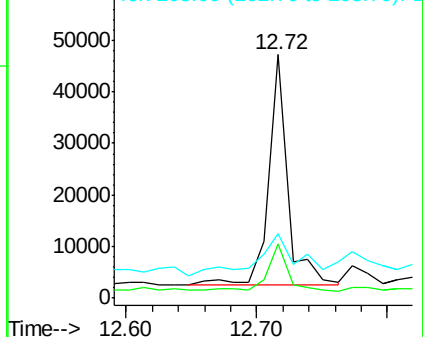
203 26.3 14.7 22.1#

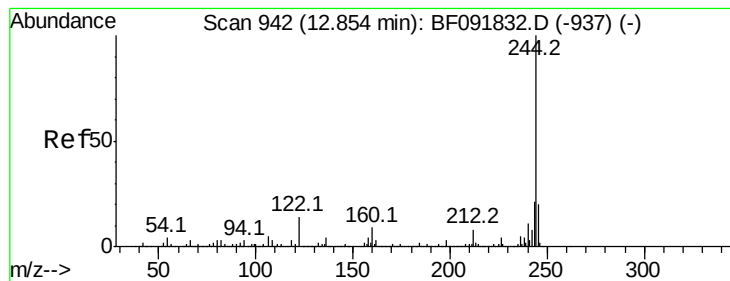


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 97.25 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

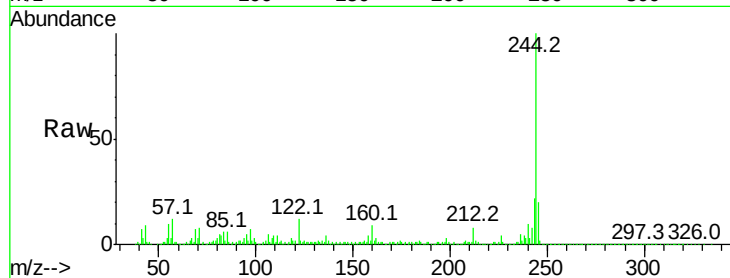
Tot Ion:244 Resp: 1166779

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

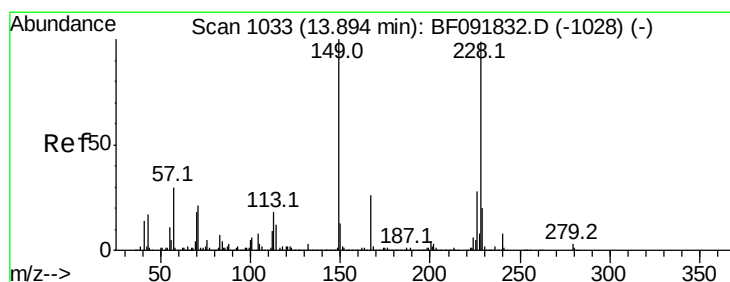
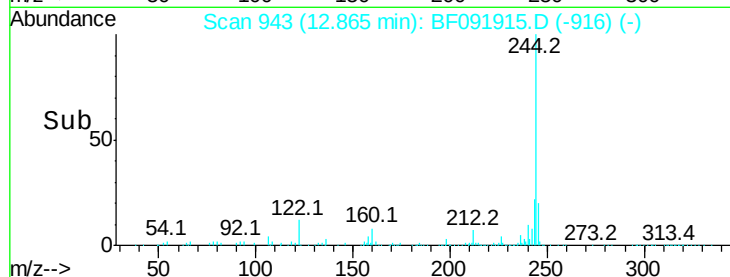
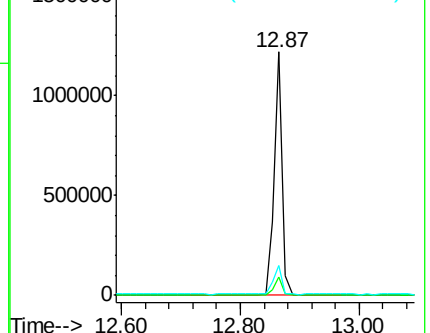
122 12.3 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 81.42 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

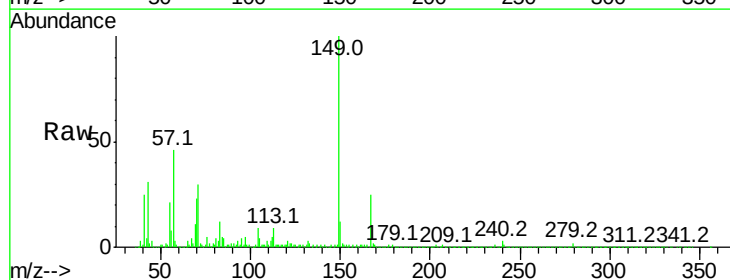
Tgt Ion:149 Resp: 931017

Ion Ratio Lower Upper

149 100

167 24.7 20.2 30.4

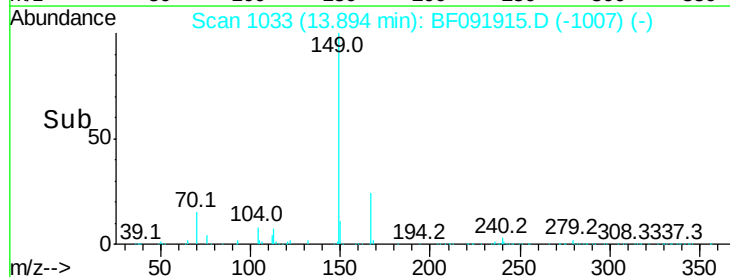
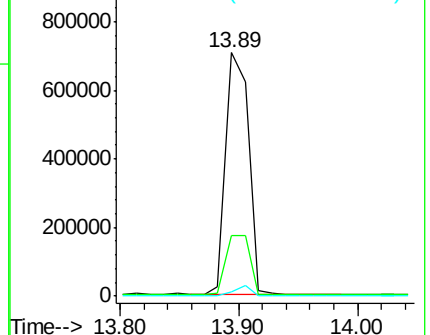
279 1.9 1.8 2.8

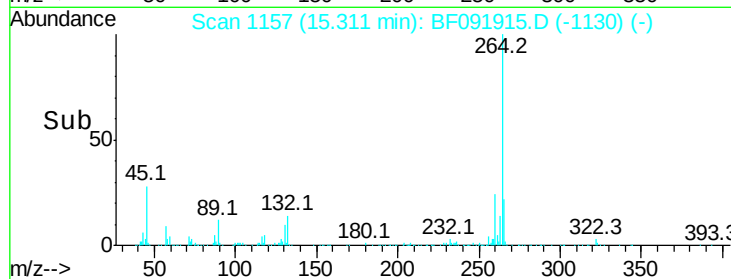
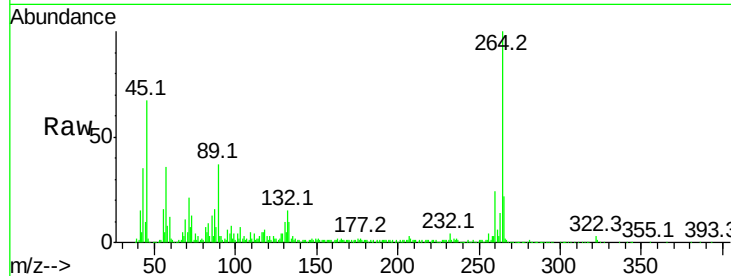
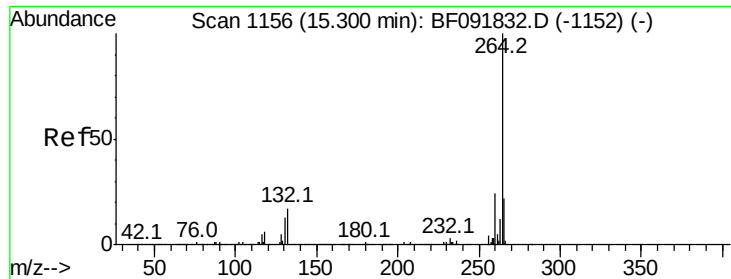


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF091915.D

Acq: 23 Dec 2016 9:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 288648

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.0 17.4 26.0

