

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092396.D
 Acq On : 21 Jan 2017 4:34
 Operator : UM/SJ
 Sample : I1266-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Jan 21 05:37:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	187479	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	571376	20.00	ng	0.01
38) Acenaphthene-d10	9.56	164	295807	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	445047	20.00	ng	0.01
75) Chrysene-d12	13.67	240	224366	20.00	ng	0.01
86) Perylene-d12	15.02	264	162333	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	653125	58.17	ng	0.02
7) Phenol-d6	6.20	99	829788	60.53	ng	0.01
23) Nitrobenzene-d5	7.10	82	1023308	99.59	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	305407	124.76	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	1648702	119.42	ng	0.00
78) Terphenyl-d14	12.63	244	1266756	136.93	ng	0.01

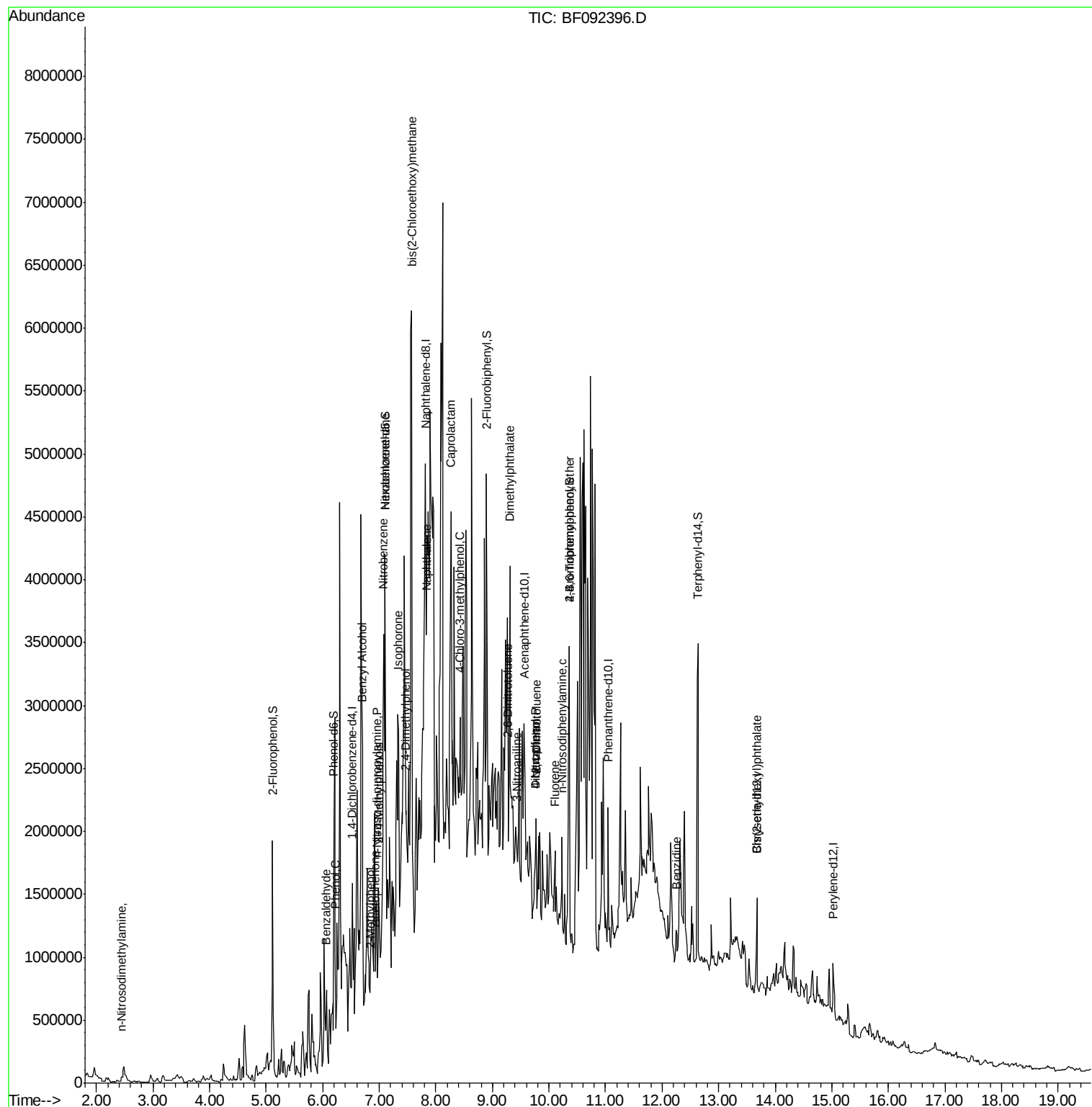
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.45	42	24821	3.41	ng	# 1
9) Benzaldehyde	6.06	77	150585	15.69	ng	# 91
10) Phenol	6.22	94	150796	9.65	ng	# 73
15) Benzyl Alcohol	6.70	79	321048	30.14	ng	# 95
17) 2-Methylphenol	6.84	107	29762	2.90	ng	# 92
18) Hexachloroethane	7.10	117	532248	103.45	ng	# 6
19) n-Nitroso-di-n-propylamine	6.95	70	43764	4.80	ng	# 89
20) 3+4-Methylphenols	6.99	107	312720	25.53	ng	# 66
22) Acetophenone	6.93	105	108566	7.70	ng	# 53
24) Nitrobenzene	7.08	77	116052	10.60	ng	# 28
25) Isophorone	7.33	82	115836	6.11	ng	# 1
27) 2,4-Dimethylphenol	7.47	122	20636	2.31	ng	# 52
28) bis(2-Chloroethoxy)methane	7.57	93	35690	3.10	ng	# 1
31) Naphthalene	7.83	128	330825	12.65	ng	# 92
35) Caprolactam	8.27	113	90795	36.45	ng	# 1
36) 4-Chloro-3-methylphenol	8.43	107	41067	4.71	ng	# 45
37) 2-Methylnaphthalene	8.54	142	1111560	Below	Cal	# 96
49) Dimethylphthalate	9.31	163	152304	8.05	ng	# 95
50) 2,6-Dinitrotoluene	9.27	165	12032	2.91	ng	# 93
52) 3-Nitroaniline	9.43	138	203650	39.74	ng	# 12
54) Dibenzofuran	9.76	168	48246	2.14	ng	# 49
55) 4-Nitrophenol	9.76	139	22128	6.36	ng	# 53
56) 2,4-Dinitrotoluene	9.78	165	13700	2.64	ng	# 67
57) Fluorene	10.11	166	40778	2.48	ng	# 86
65) n-Nitrosodiphenylamine	10.23	169	26538	2.01	ng	# 63
66) 4-Bromophenyl-phenylether	10.36	248	20150	4.35	ng	# 1
71) Anthracene	11.16	178	2545	Below	Cal	# 1
73) Di-n-butylphthalate	11.63	149	12757	Below	Cal	# 71
74) Fluoranthene	12.26	202	5370	Below	Cal	# 10
76) Benzidine	12.26	184	62995	7.63	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.67	149	86273	9.78	ng	# 98

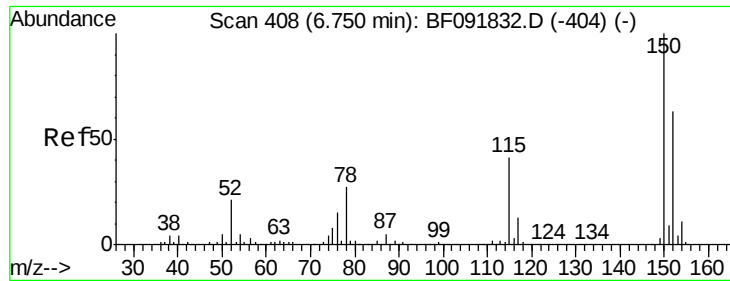
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

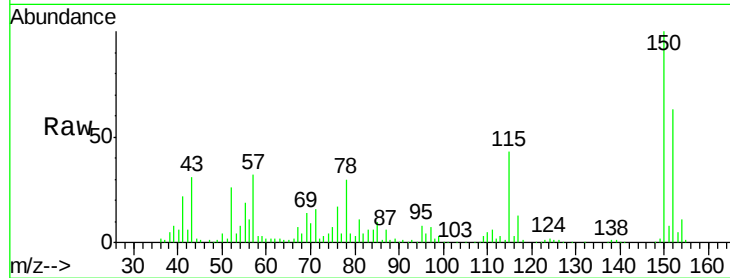
Tgt Ion:152 Resp: 187479

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

115 67.3 46.0 69.0

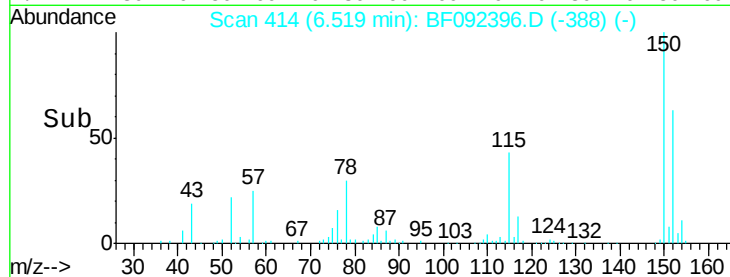


Abundance Ion 152.00 (151.70 to 152.70): E

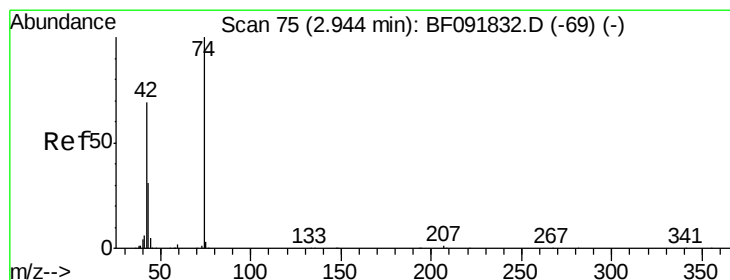
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#4

n-Nitrosodimethylamine

Concen: 3.41 ng

RT: 2.45 min Scan# 58

Delta R.T. -0.03 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

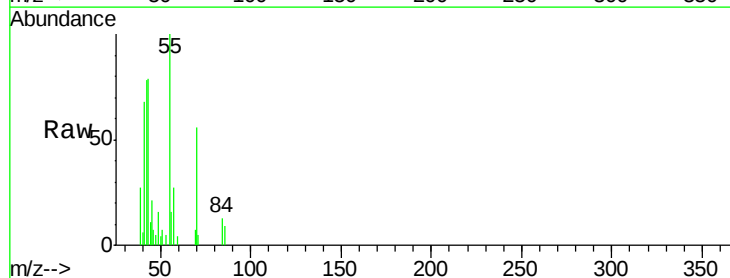
Tgt Ion: 42 Resp: 24821

Ion Ratio Lower Upper

42 100

74 0.0 117.0 175.4#

44 14.1 5.5 8.3#

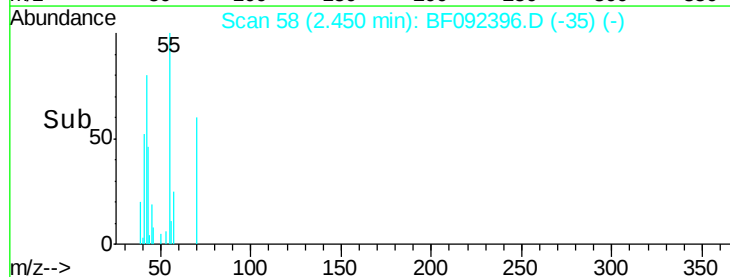


Abundance Ion 42.00 (41.70 to 42.70): BF0

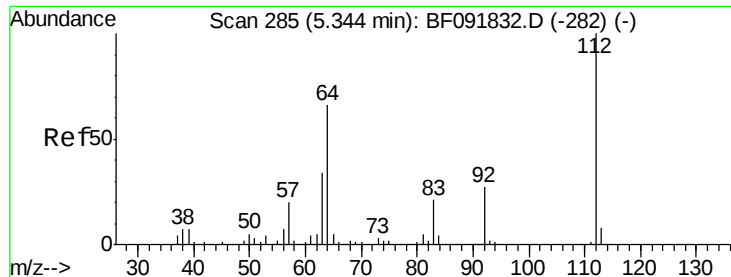
Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

Time-->



Time-->



#5

2-Fluorophenol

Concen: 58.17 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

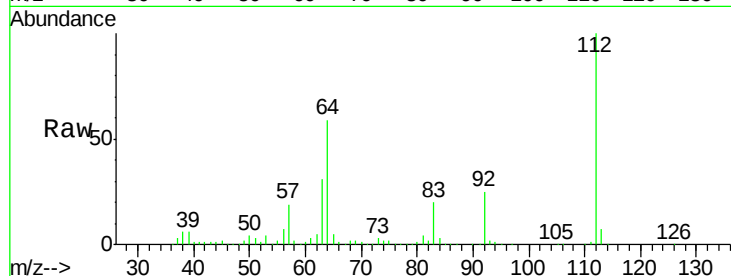
Tgt Ion: 112 Resp: 653125

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

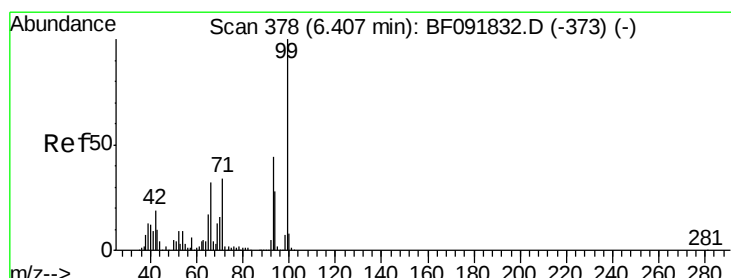
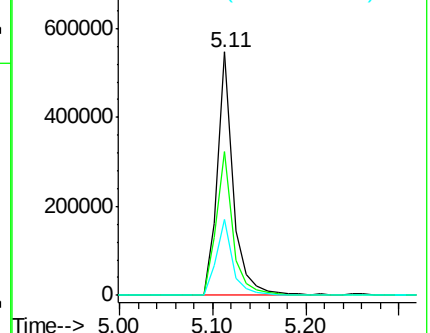
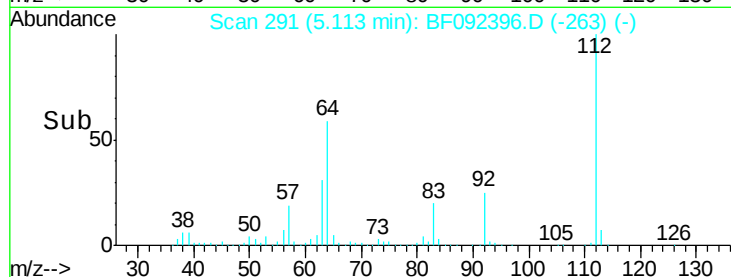
63 31.0 23.8 35.6



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: 60.53 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

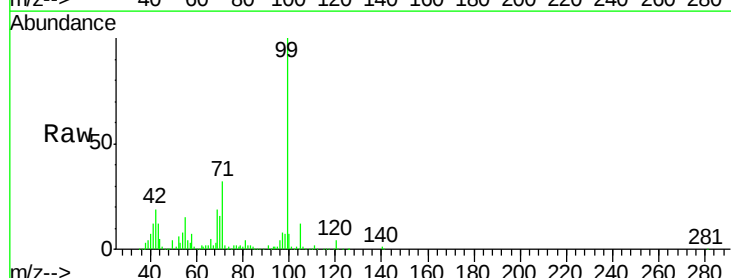
Tgt Ion: 99 Resp: 829788

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

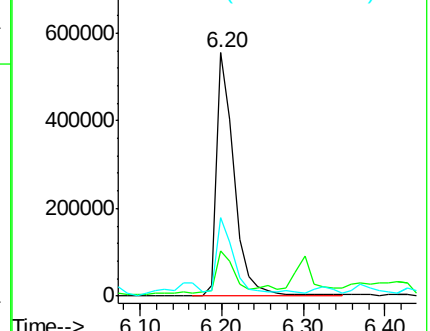
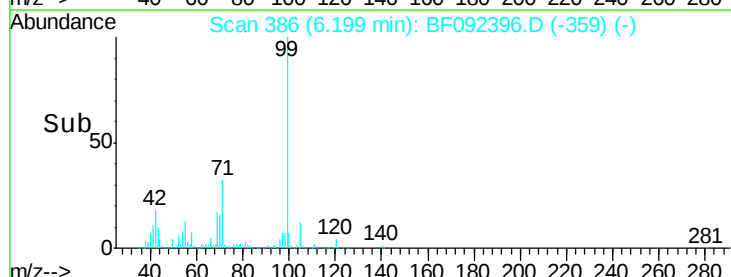
71 32.5 27.5 41.3

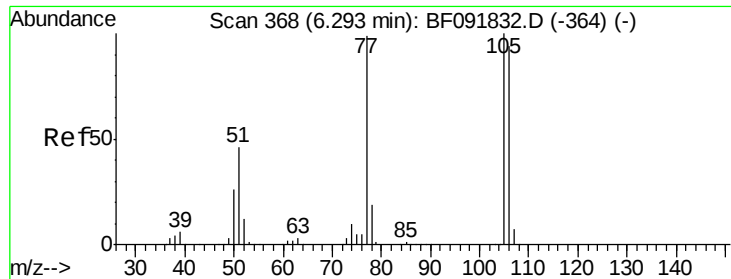


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 15.69 ng

RT: 6.06 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

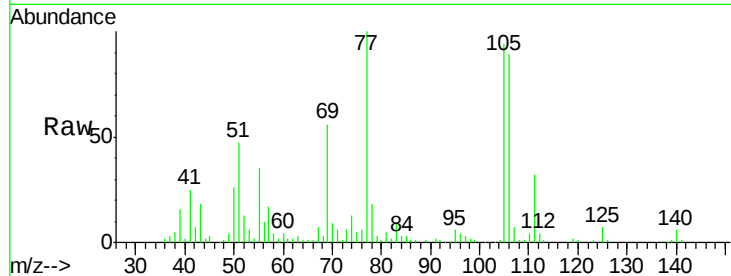
Tgt Ion: 77 Resp: 150585

Ion Ratio Lower Upper

77 100

105 94.3 83.9 123.9

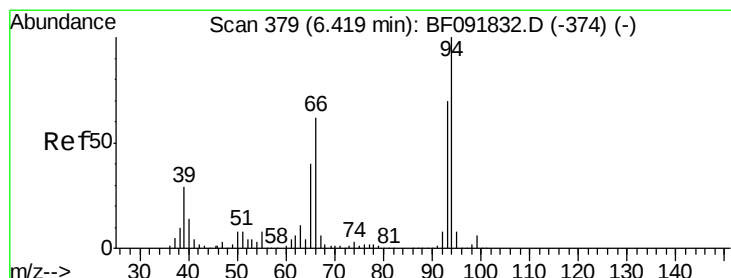
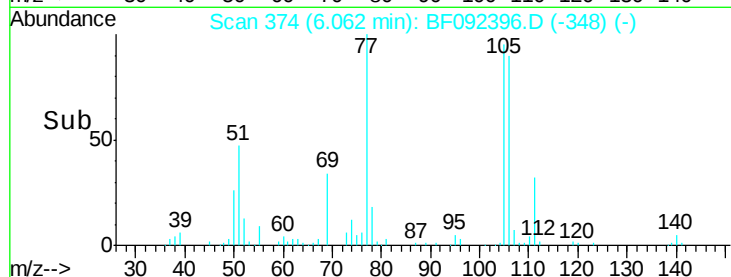
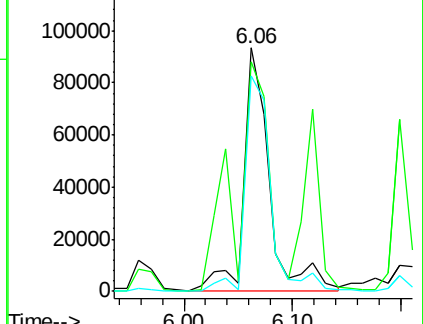
106 88.6 77.6 117.6



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: 9.65 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

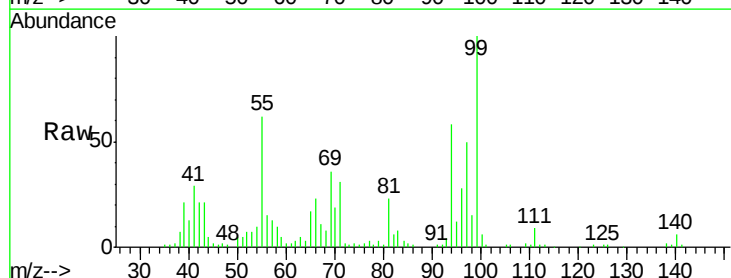
Tgt Ion: 94 Resp: 150796

Ion Ratio Lower Upper

94 100

65 28.3 21.4 61.4

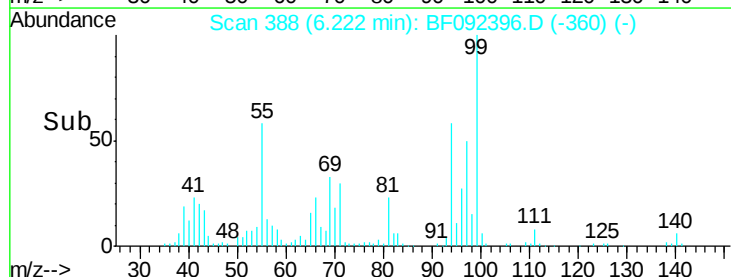
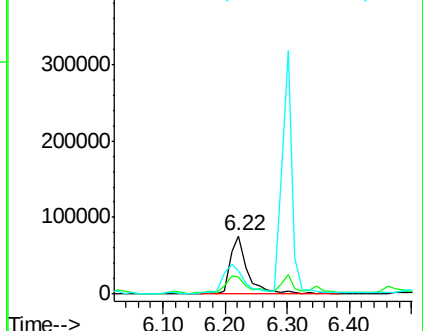
66 39.2 44.0 84.0#

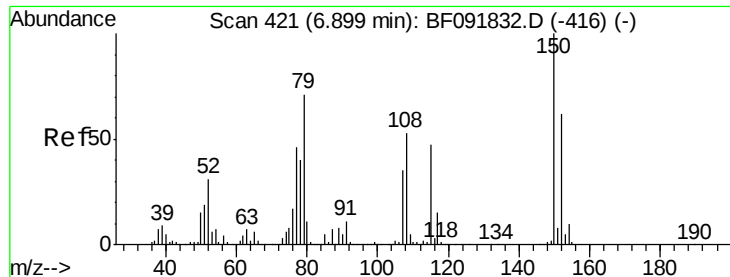


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 30.14 ng

RT: 6.70 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

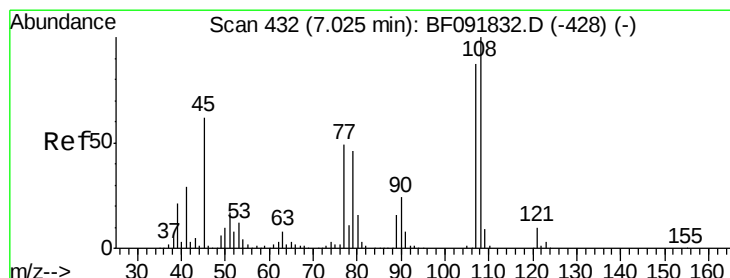
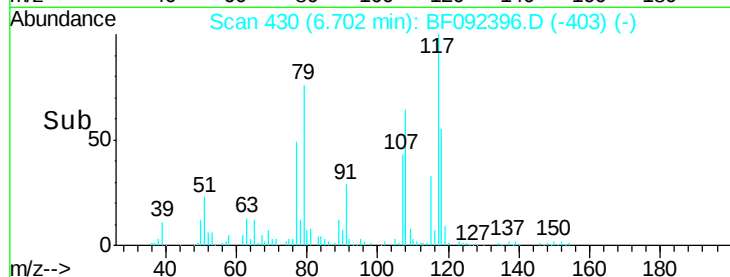
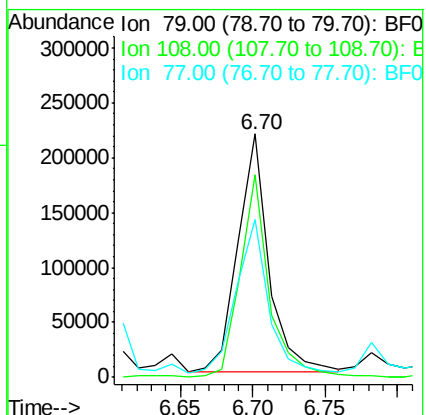
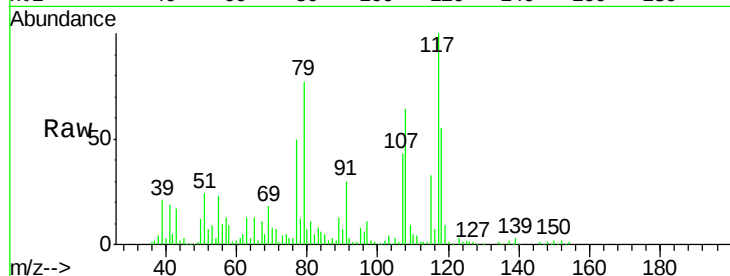
Tgt Ion: 79 Resp: 321048

Ion Ratio Lower Upper

79 100

108 83.2 61.4 92.0

77 64.8 50.9 76.3



#17

2-Methylphenol

Concen: 2.90 ng

RT: 6.84 min Scan# 442

Delta R.T. 0.02 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Tgt Ion: 107 Resp: 29762

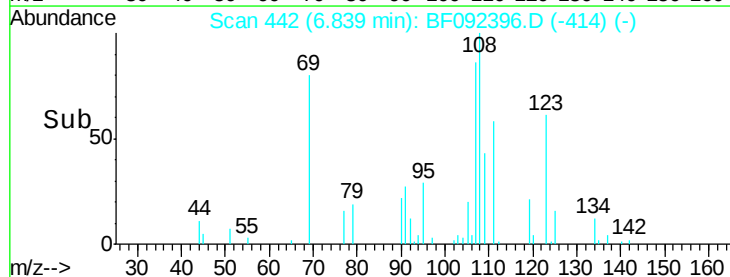
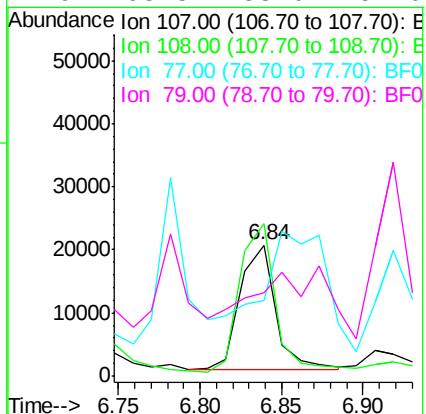
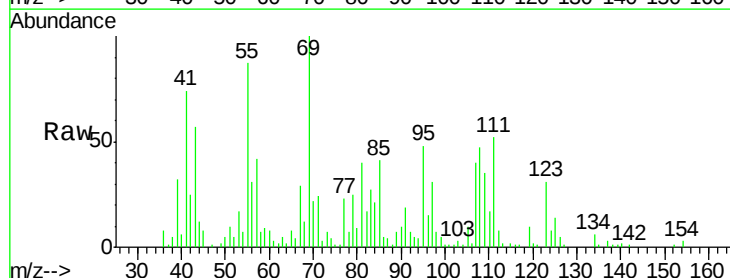
Ion Ratio Lower Upper

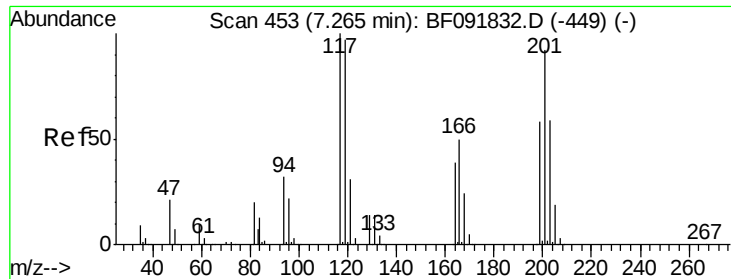
107 100

108 116.8 93.0 139.6

77 58.1 39.8 59.8

79 63.5 38.0 57.0#





#18

Hexachloroethane

Concen: 103.45 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.07 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

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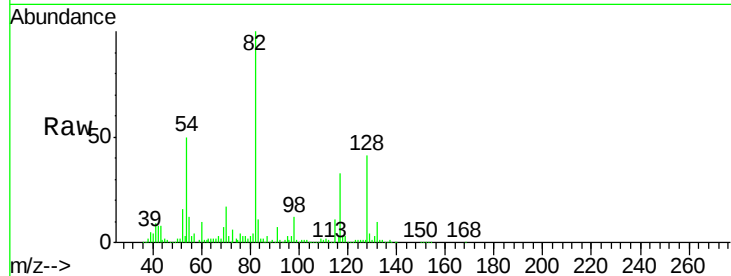
Tgt Ion:117 Resp: 532248

Ion Ratio Lower Upper

117 100

119 9.9 78.1 117.1#

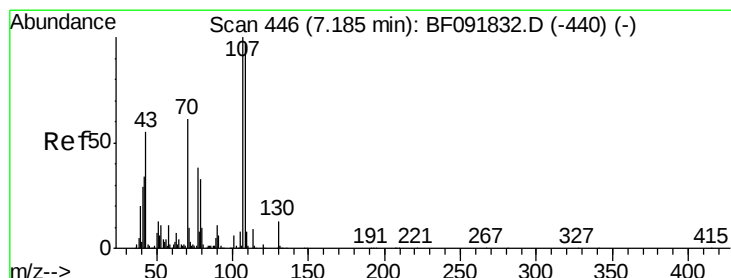
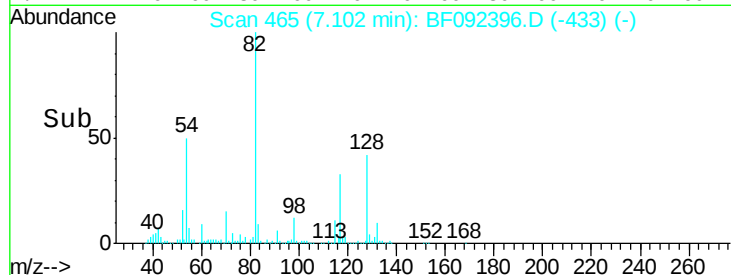
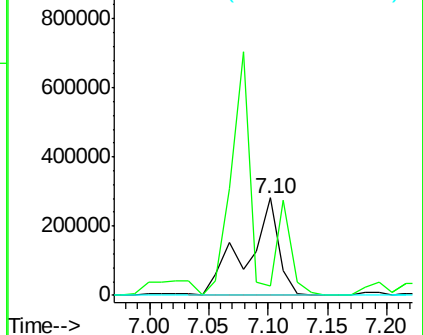
201 0.0 78.6 117.8#



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: 4.80 ng

RT: 6.95 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Tgt Ion: 70 Resp: 43764

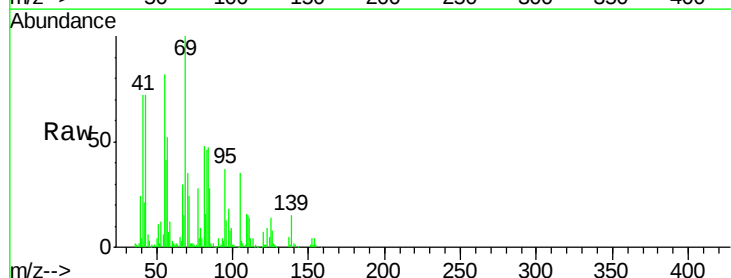
Ion Ratio Lower Upper

70 100

42 60.4 49.4 74.0

101 2.1 7.4 11.2#

130 0.0 14.2 21.4#

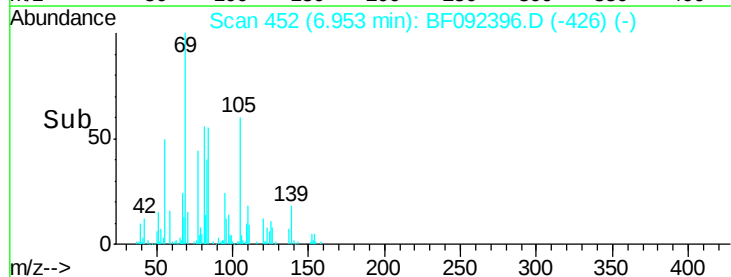
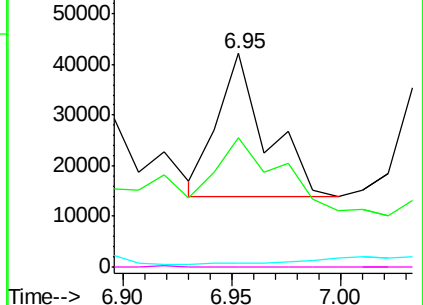


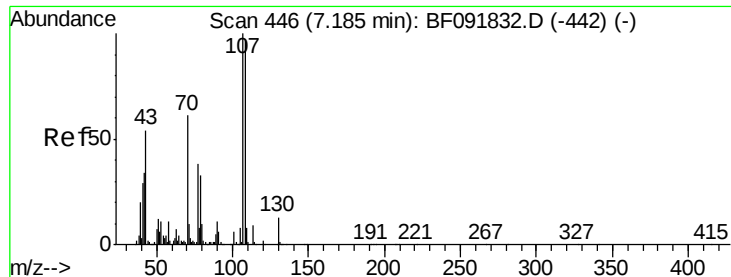
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 25.53 ng

RT: 6.99 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

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MW-02

Tgt Ion:107 Resp: 312720

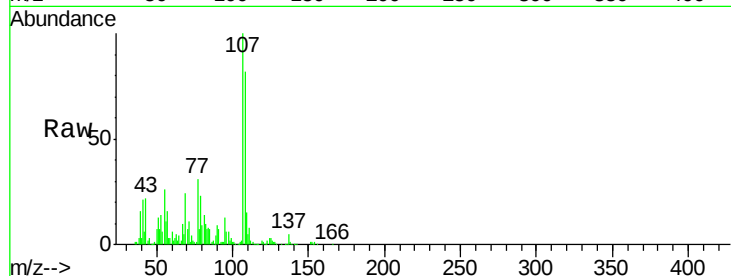
Ion Ratio Lower Upper

107 100

108 81.8 73.0 113.0

77 31.4 71.3 111.3#

79 23.0 11.1 51.1

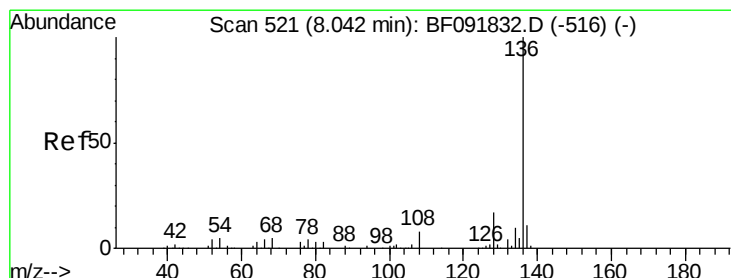
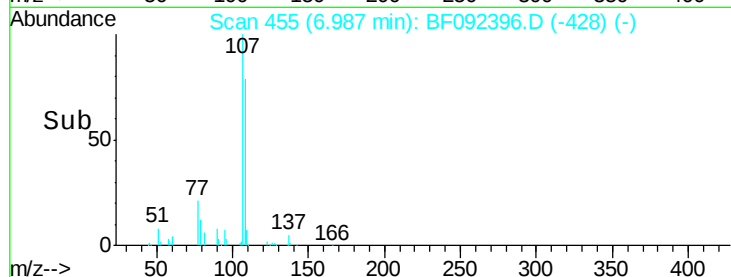
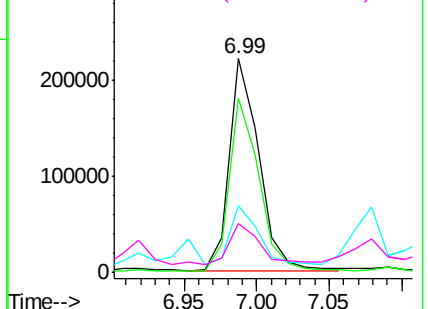


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.82 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Tgt Ion:136 Resp: 571376

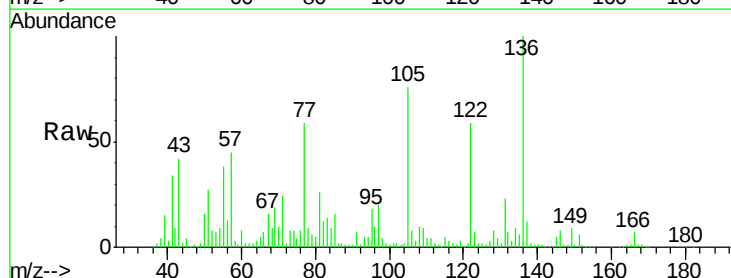
Ion Ratio Lower Upper

136 100

137 11.8 8.4 12.6

54 9.2 4.5 6.7#

68 9.1 3.6 5.4#

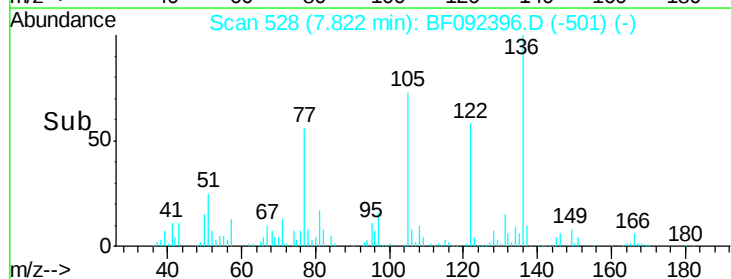
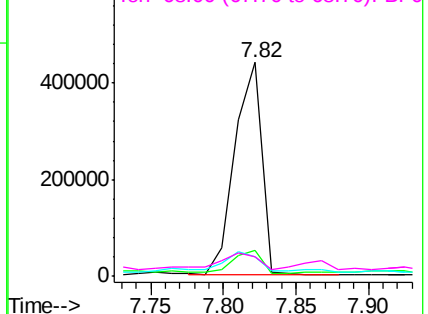


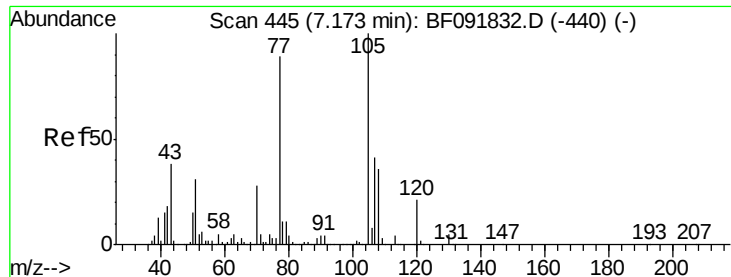
Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.70 ng

RT: 6.93 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

Tgt Ion:105 Resp: 108566

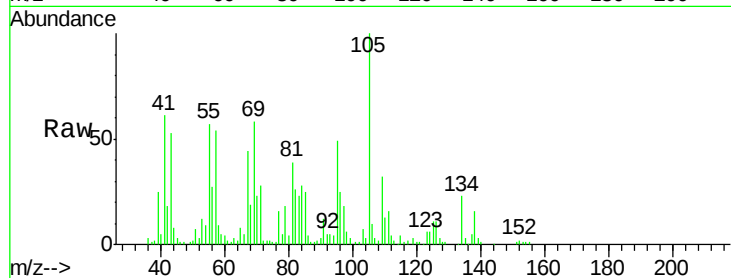
Ion Ratio Lower Upper

105 100

71 27.9 3.2 4.8#

51 6.8 26.2 39.4#

120 0.7 16.6 24.8#

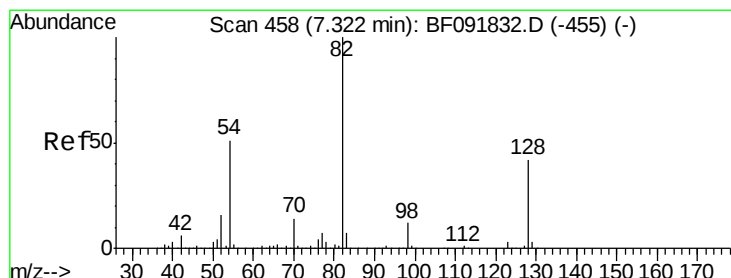
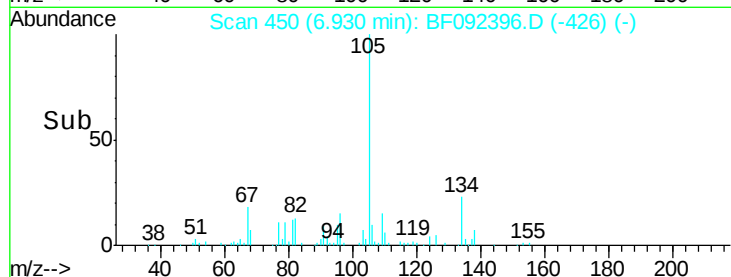
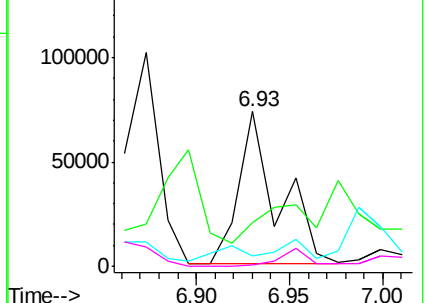


Abundance Ion 105.00 (104.70 to 105.70): E

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: 99.59 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

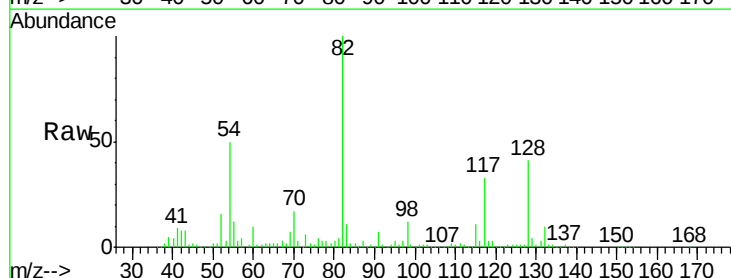
Tgt Ion: 82 Resp: 1023308

Ion Ratio Lower Upper

82 100

128 41.3 34.6 52.0

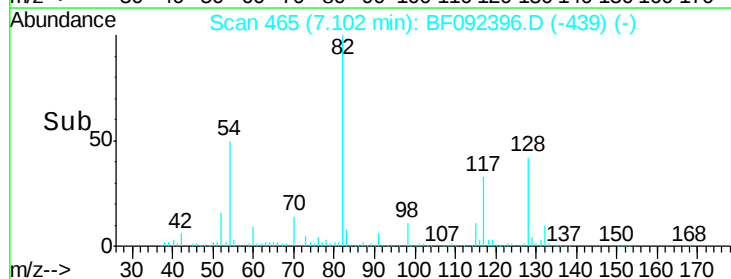
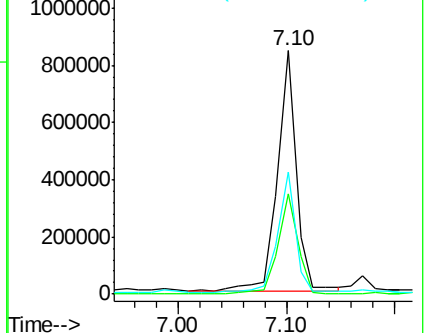
54 50.0 39.5 59.3

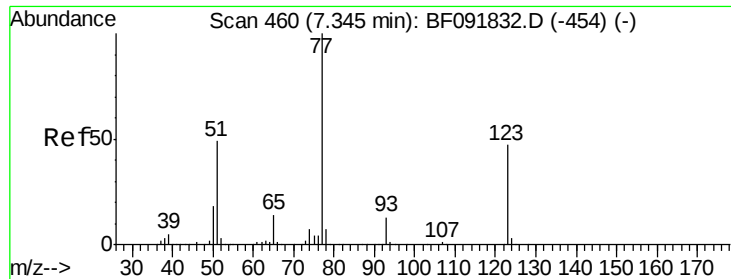


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

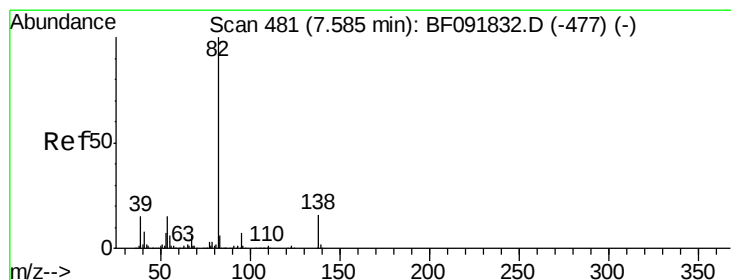
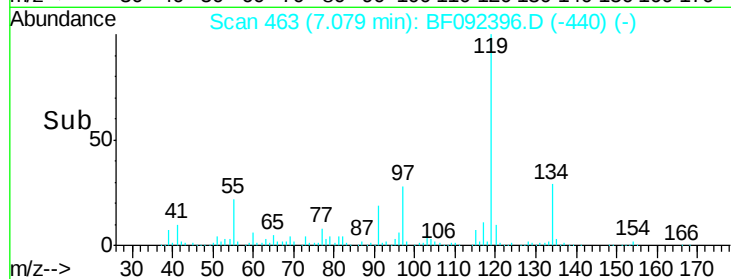
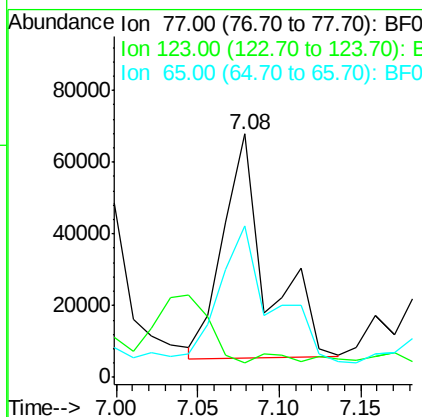
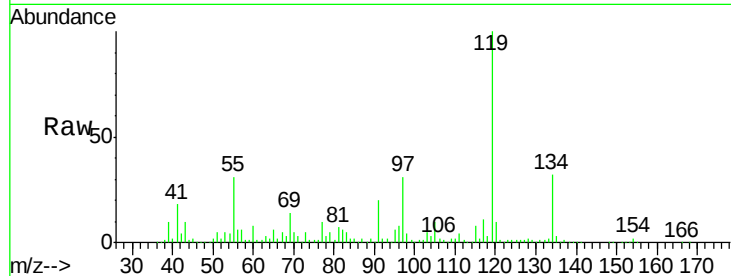




#24
Nitrobenzene
Concen: 10.60 ng
RT: 7.08 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

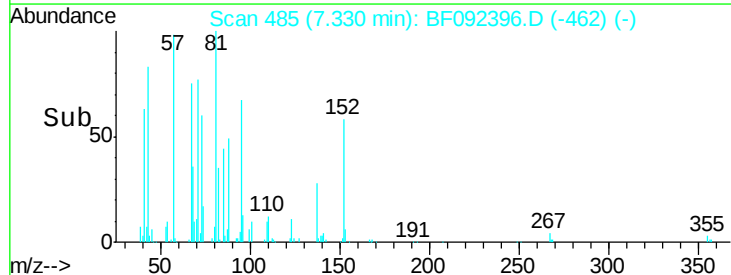
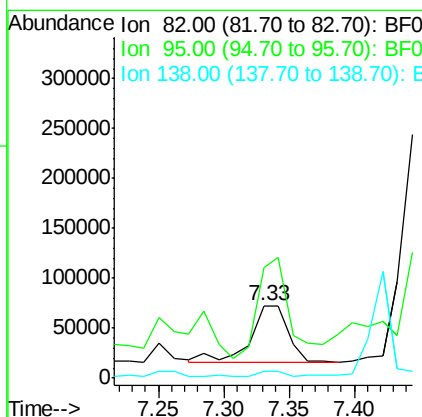
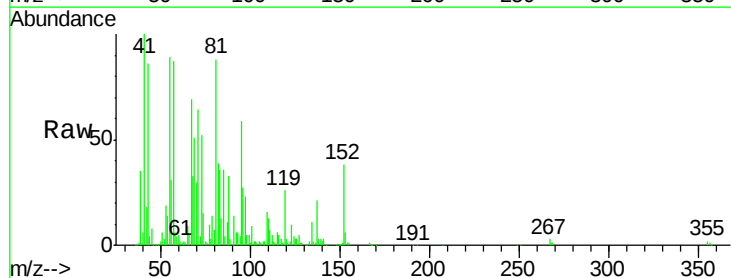
Instrument :
BNA_F
ClientSampleId :
MW-02

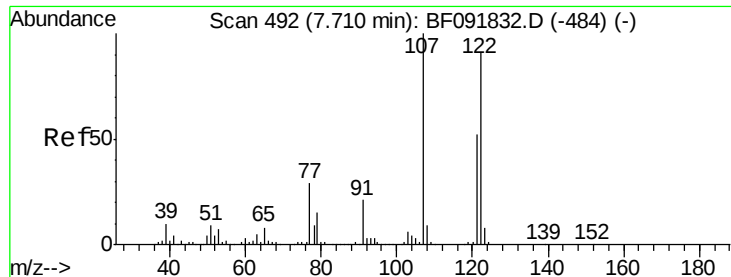
Tgt Ion: 77 Resp: 116052
Ion Ratio Lower Upper
77 100
123 5.9 33.0 49.4#
65 62.0 11.2 16.8#



#25
Isophorone
Concen: 6.11 ng
RT: 7.33 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion: 82 Resp: 115836
Ion Ratio Lower Upper
82 100
95 152.3 5.6 8.4#
138 8.7 14.6 22.0#





#27

2,4-Dimethylphenol

Concen: 2.31 ng

RT: 7.47 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

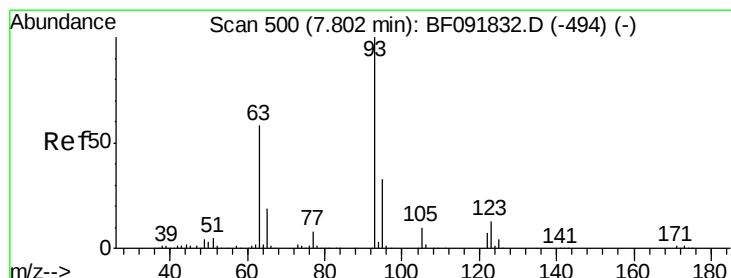
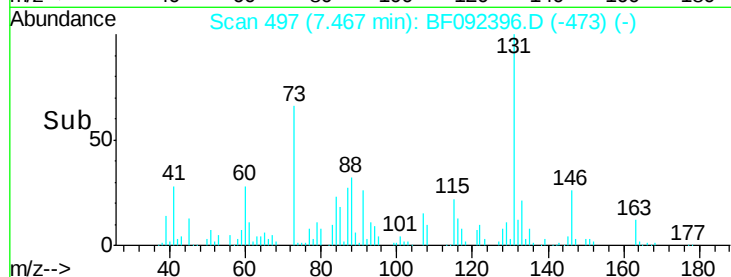
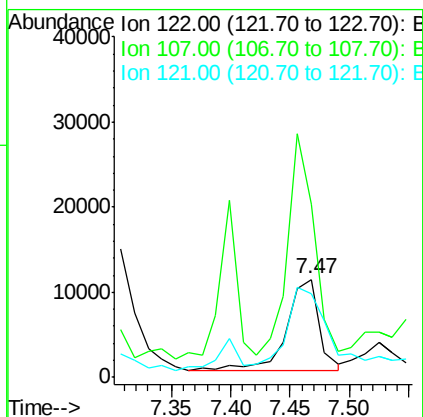
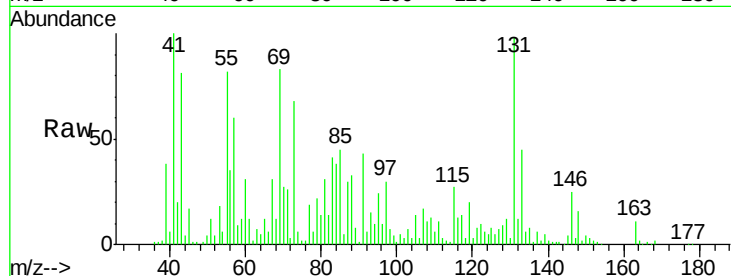
Tgt Ion: 122 Resp: 20636

Ion Ratio Lower Upper

122 100

107 176.3 94.1 141.1#

121 85.3 46.0 69.0#



#28

bis(2-Chloroethoxy)methane

Concen: 3.10 ng

RT: 7.57 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

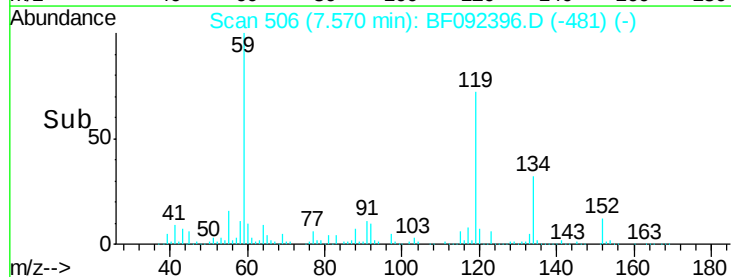
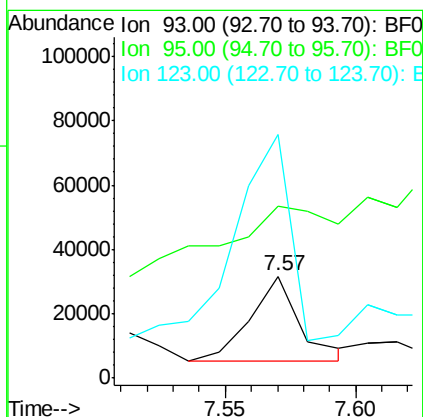
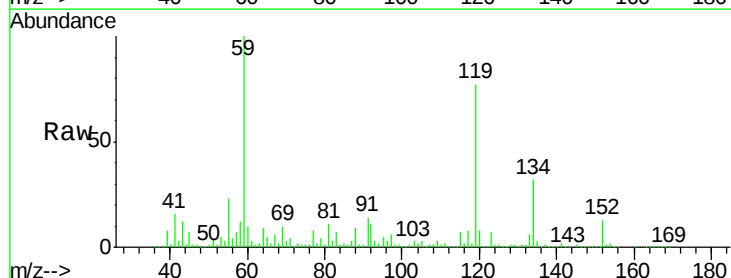
Tgt Ion: 93 Resp: 35690

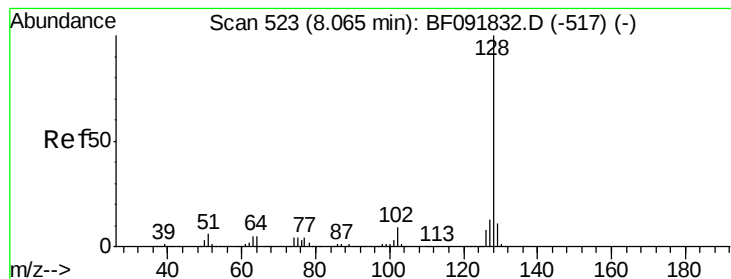
Ion Ratio Lower Upper

93 100

95 168.3 26.5 39.7#

123 238.9 8.6 13.0#





#31

Naphthalene

Concen: 12.65 ng

RT: 7.83 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

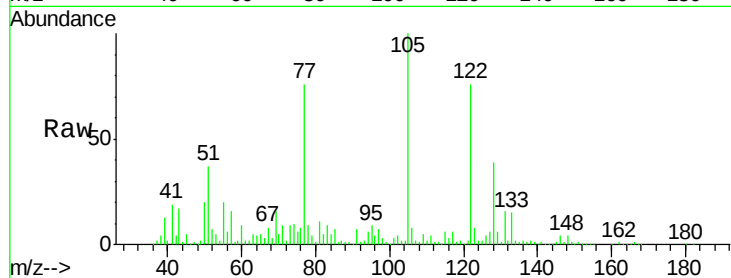
Tgt Ion:128 Resp: 330825

Ion Ratio Lower Upper

128 100

129 16.3 9.5 14.3#

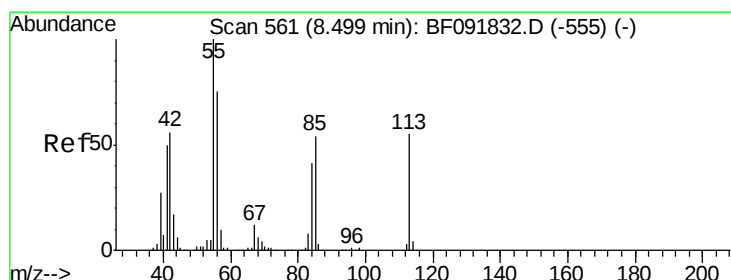
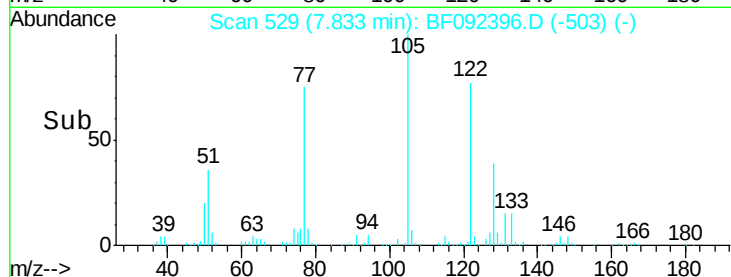
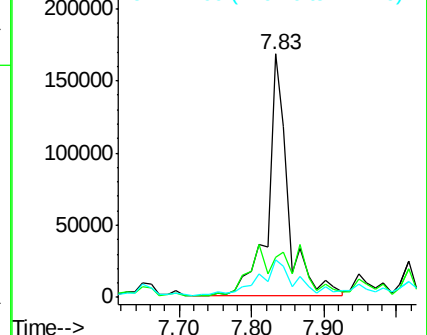
127 15.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#35

Caprolactam

Concen: 36.45 ng

RT: 8.27 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

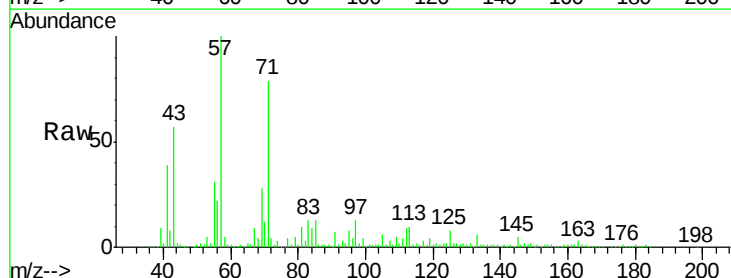
Tgt Ion:113 Resp: 90795

Ion Ratio Lower Upper

113 100

55 300.5 119.2 159.2#

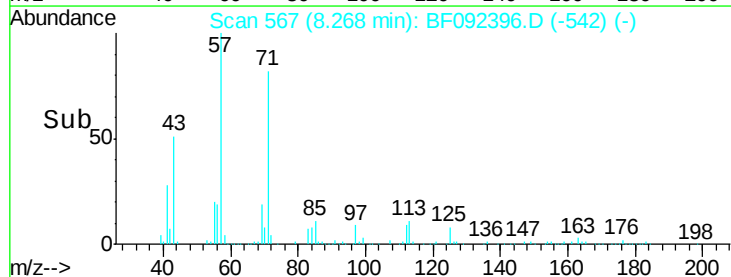
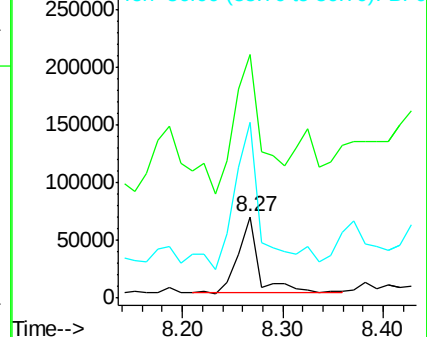
56 216.5 83.8 123.8#

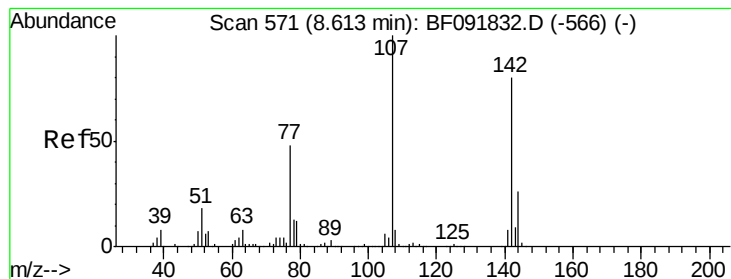


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

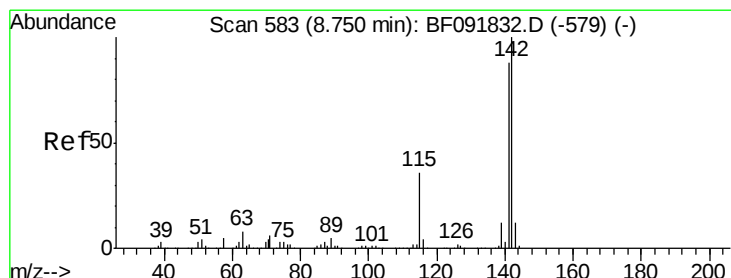
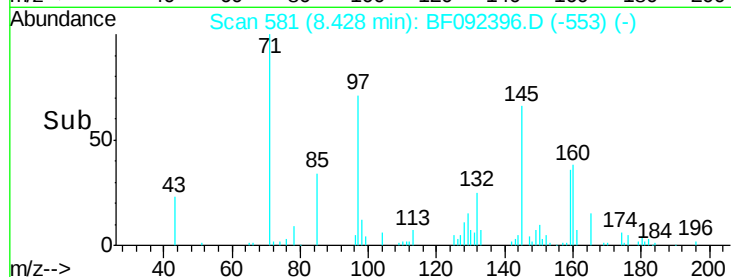
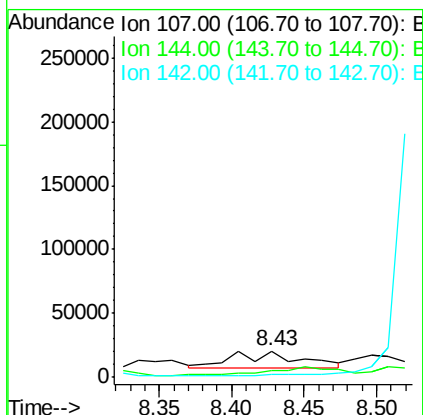
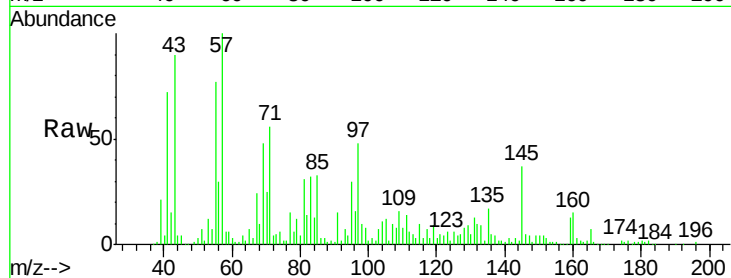




#36
 4-Chloro-3-methylphenol
 Concen: 4.71 ng
 RT: 8.43 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF092396.D
 Acq: 21 Jan 2017 4:34

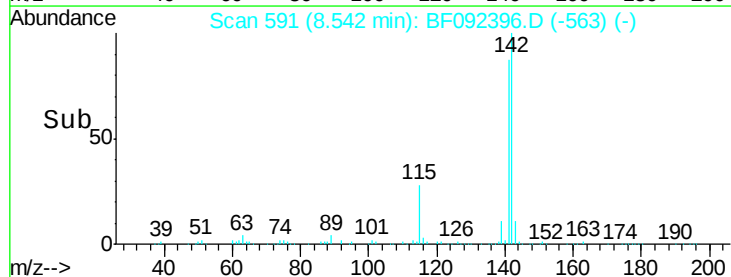
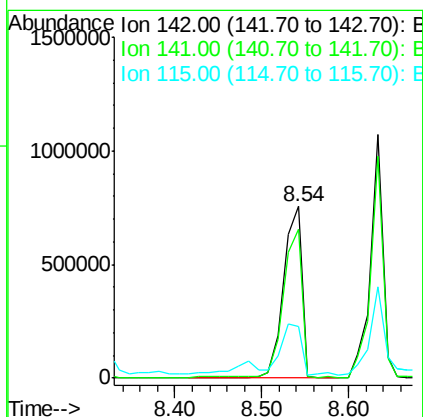
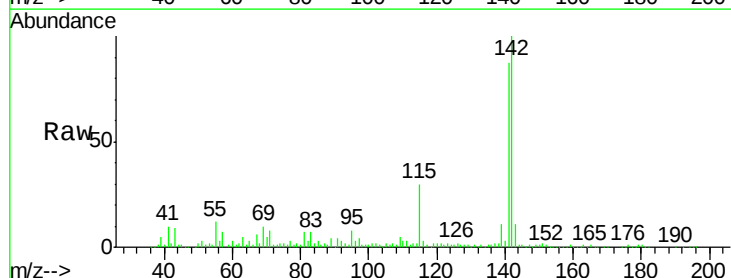
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

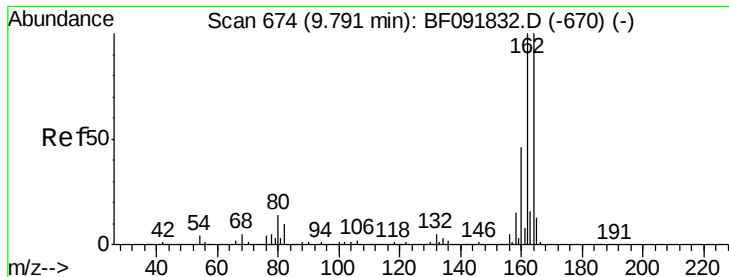
Tgt Ion:107 Resp: 41067
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 12.0 59.0 88.6#



#37
 2-Methylnaphthalene
 Concen: Below Cal
 RT: 8.54 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BF092396.D
 Acq: 21 Jan 2017 4:34

Tgt Ion:142 Resp: 1111560
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.0 106.6
 115 29.9 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

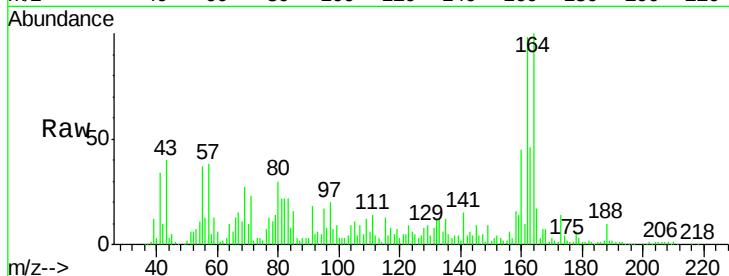
Tgt Ion:164 Resp: 295807

Ion Ratio Lower Upper

164 100

162 98.0 80.2 120.2

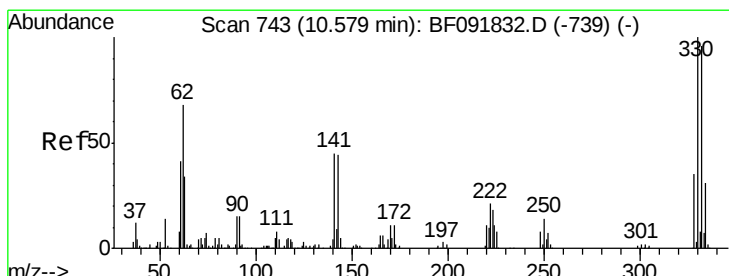
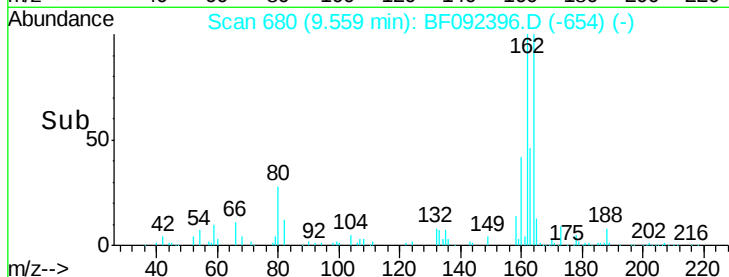
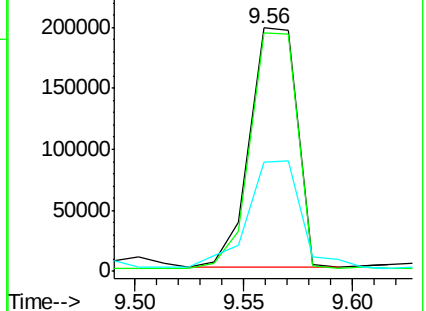
160 45.0 36.9 55.3



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: 124.76 ng

RT: 10.36 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

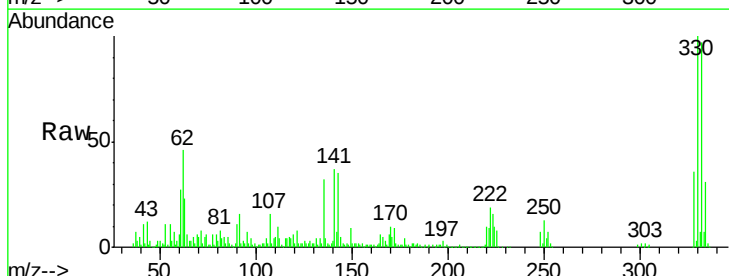
Tgt Ion:330 Resp: 305407

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

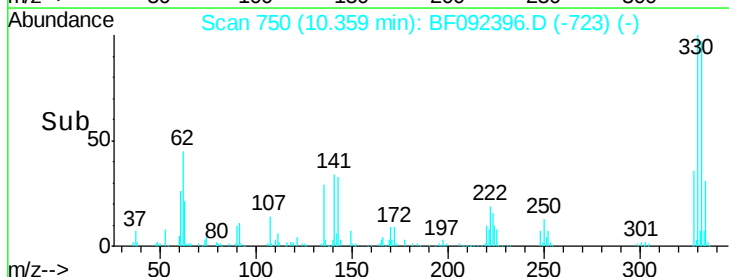
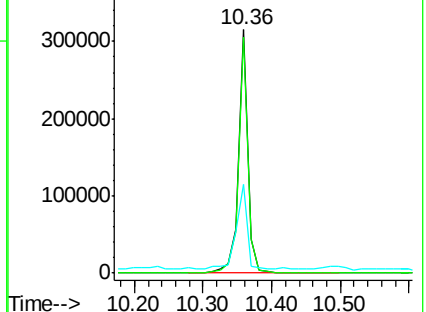
141 40.5 34.1 51.1

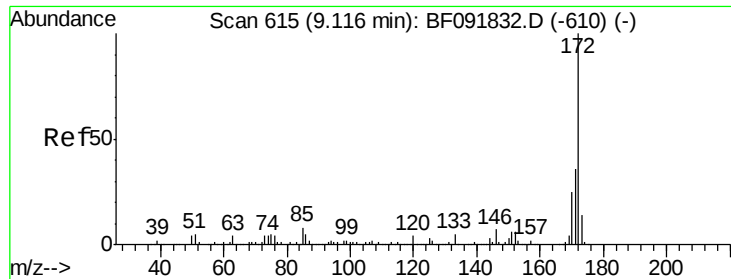


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 119.42 ng

RT: 8.90 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

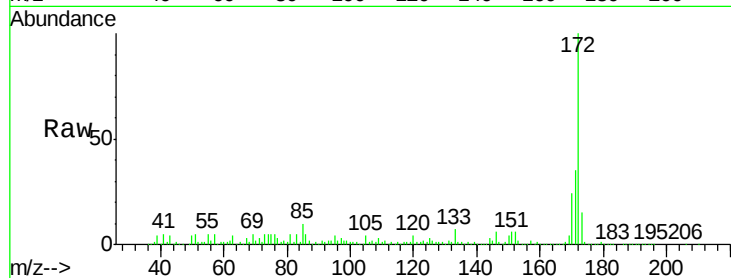
Tgt Ion:172 Resp: 1648702

Ion Ratio Lower Upper

172 100

171 35.3 29.4 44.0

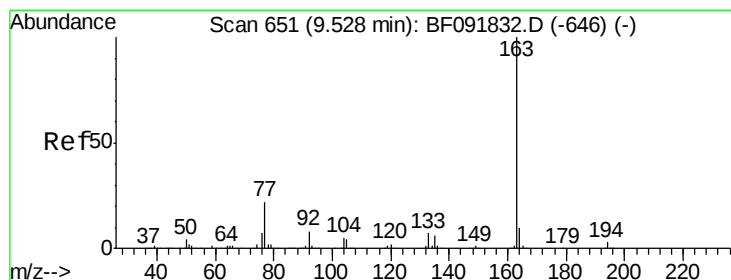
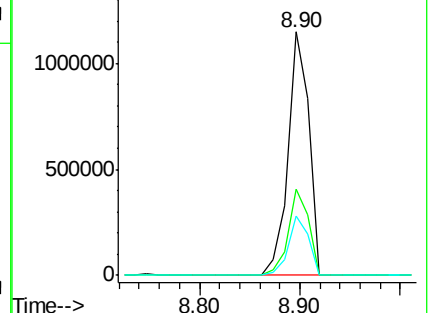
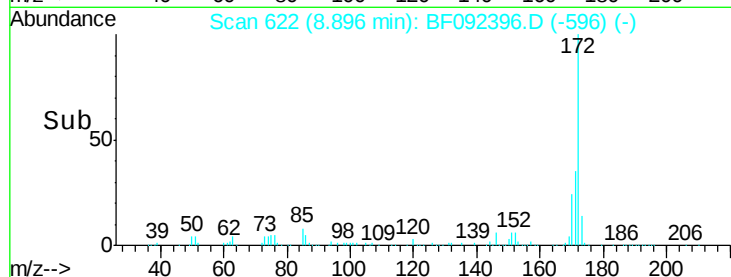
170 24.3 20.2 30.4



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



#49

Dimethylphthalate

Concen: 8.05 ng

RT: 9.31 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

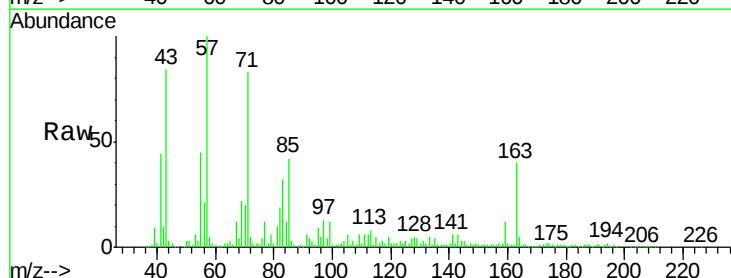
Tgt Ion:163 Resp: 152304

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4

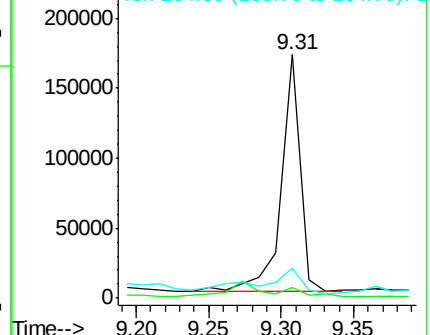
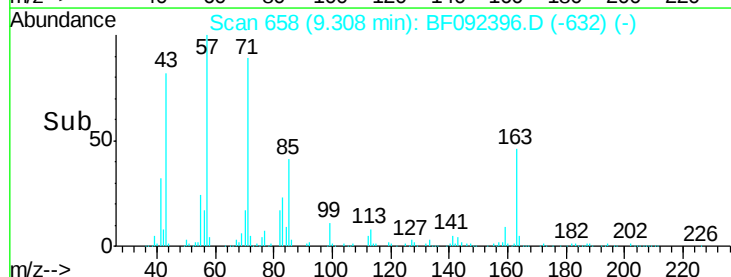
164 12.4 8.0 12.0#

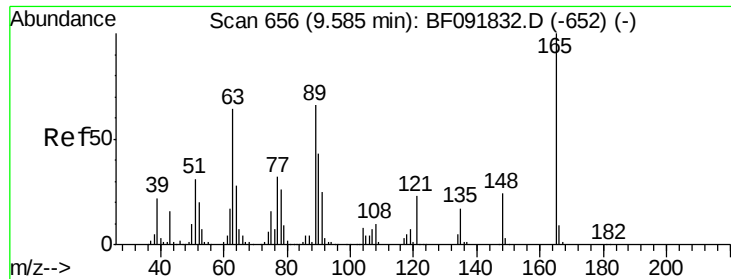


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

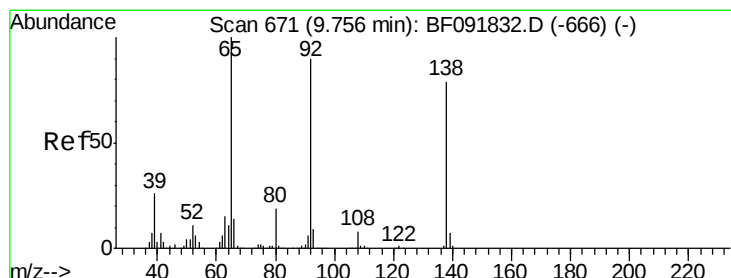
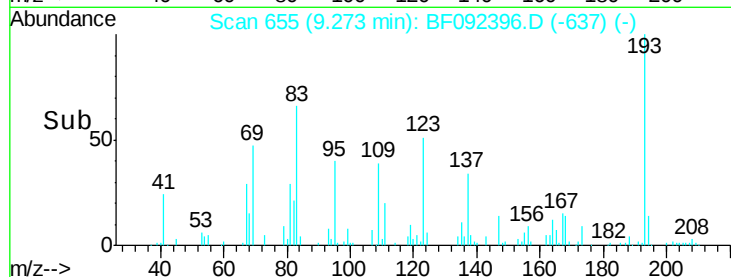
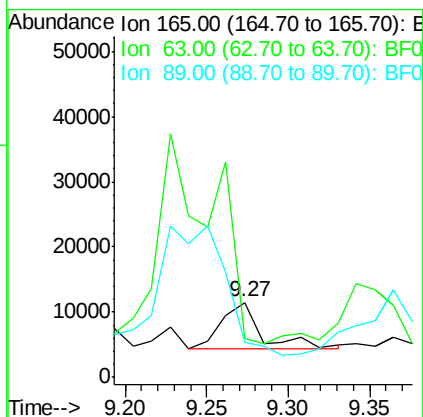
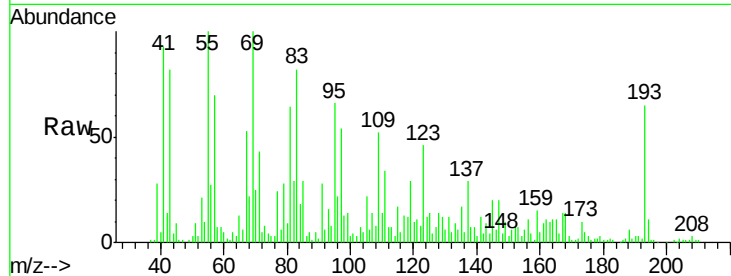




#50
 2,6-Dinitrotoluene
 Concen: 2.91 ng
 RT: 9.27 min Scan# 655
 Delta R.T. -0.09 min
 Lab File: BF092396.D
 Acq: 21 Jan 2017 4:34

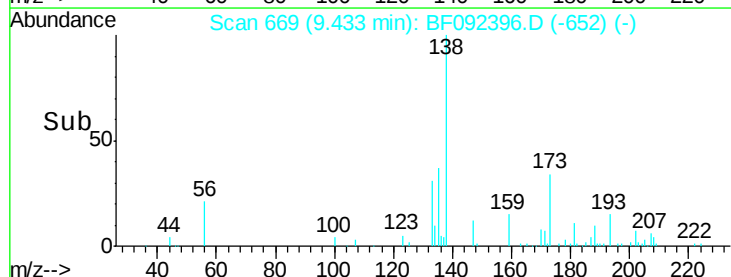
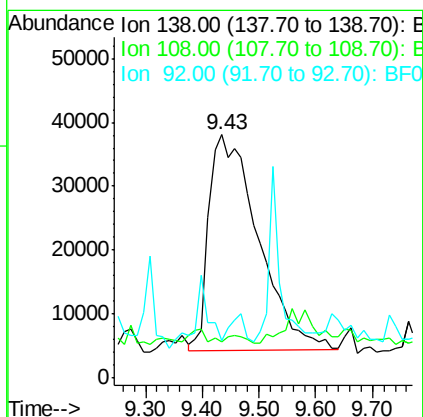
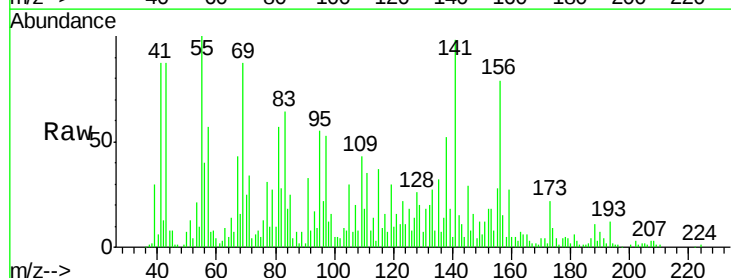
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

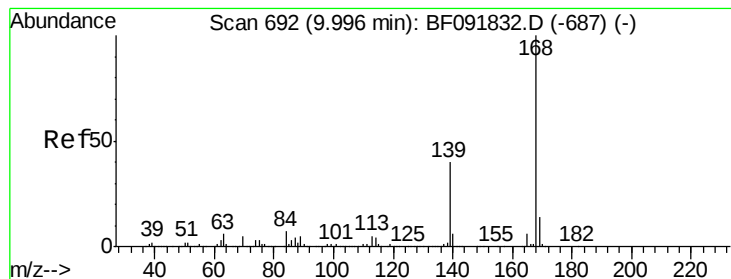
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	36.2	54.4
89	46.4	40.2	60.4



#52
 3-Nitroaniline
 Concen: 39.74 ng
 RT: 9.43 min Scan# 669
 Delta R.T. -0.10 min
 Lab File: BF092396.D
 Acq: 21 Jan 2017 4:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.1	8.5	12.7#
92	15.7	97.8	146.8#





#54

Dibenzofuran

Concen: 2.14 ng

RT: 9.76 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampled :

MW-02

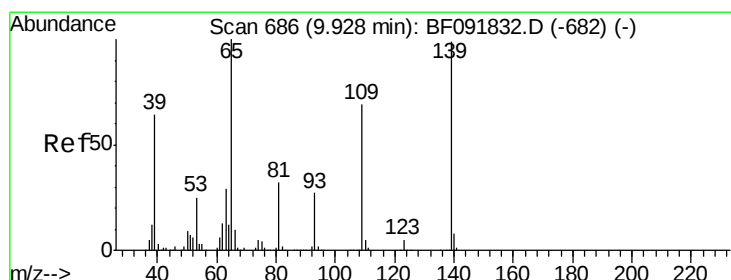
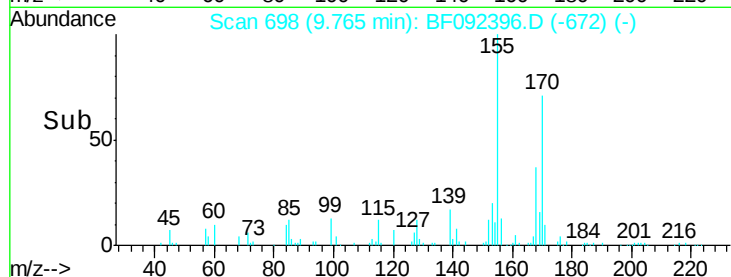
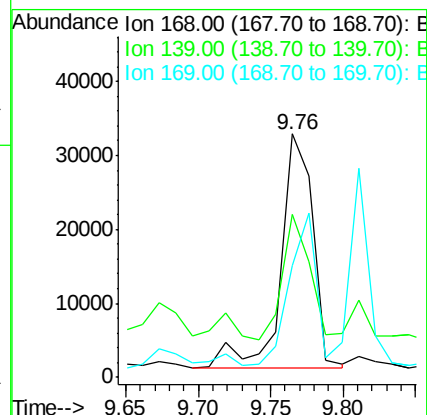
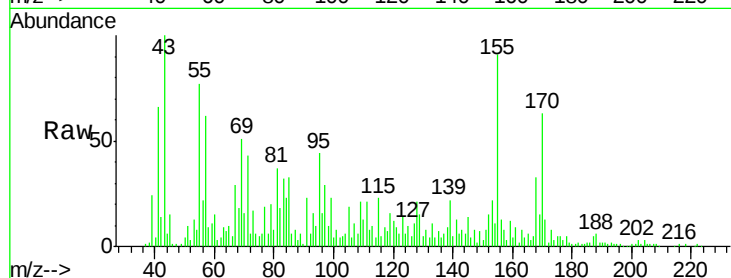
Tgt Ion:168 Resp: 48246

Ion Ratio Lower Upper

168 100

139 66.9 32.6 49.0#

169 45.8 11.3 16.9#



#55

4-Nitrophenol

Concen: 6.36 ng

RT: 9.76 min Scan# 698

Delta R.T. 0.03 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

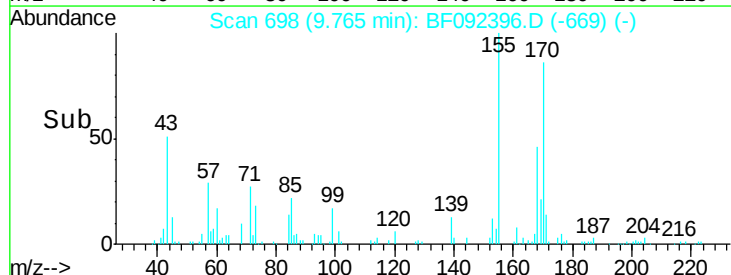
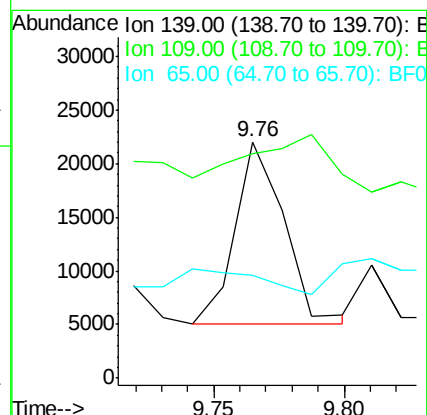
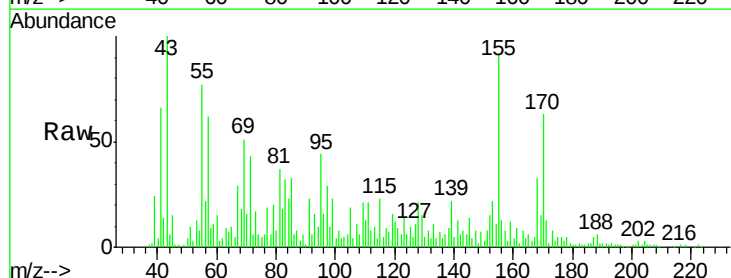
Tgt Ion:139 Resp: 22128

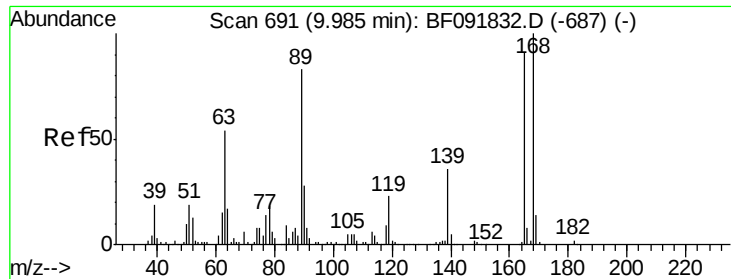
Ion Ratio Lower Upper

139 100

109 95.0 52.2 92.2#

65 43.6 85.8 125.8#





#56

2,4-Dinitrotoluene

Concen: 2.64 ng

RT: 9.78 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

Tgt Ion:165 Resp: 13700

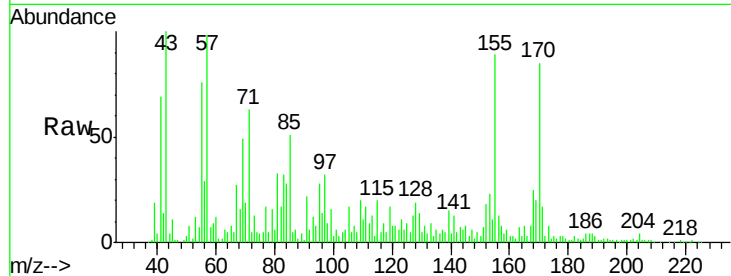
Ion Ratio Lower Upper

165 100

63 74.8 40.2 60.4#

89 52.3 62.5 93.7#

182 33.9 1.8 2.8#

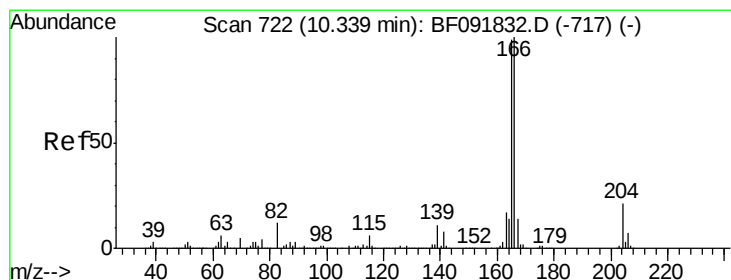
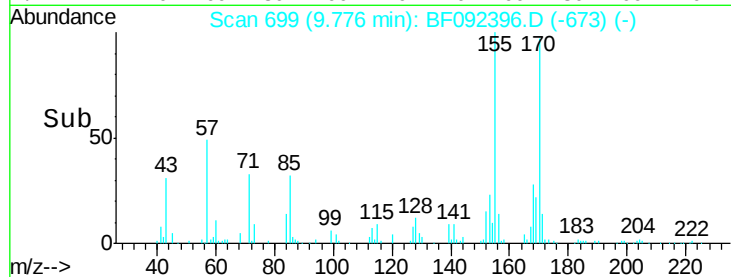
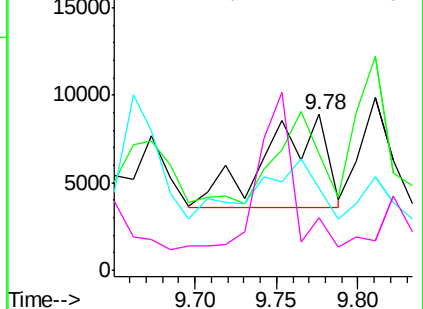


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 2.48 ng

RT: 10.11 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

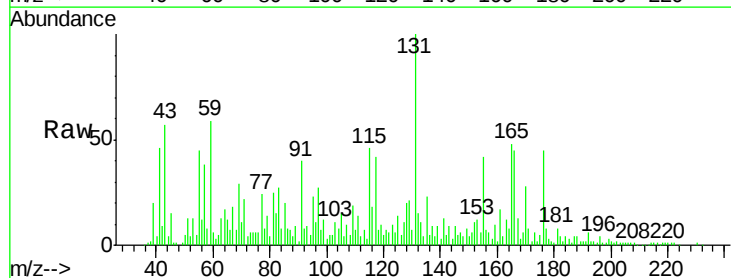
Tgt Ion:166 Resp: 40778

Ion Ratio Lower Upper

166 100

165 107.0 77.8 116.8

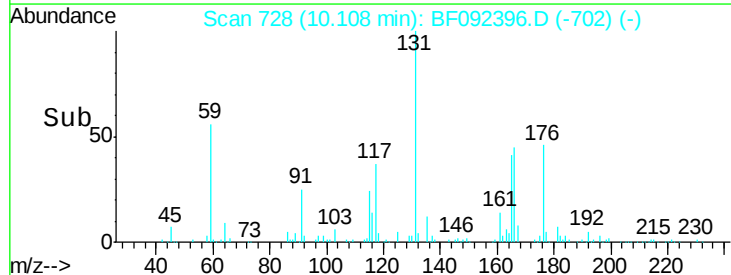
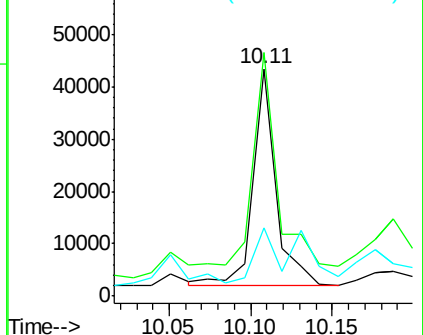
167 30.0 10.8 16.2#

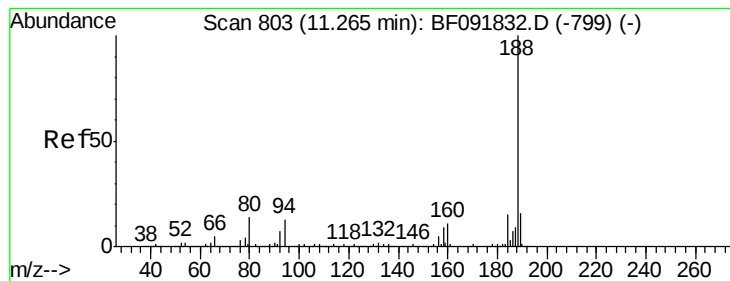


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

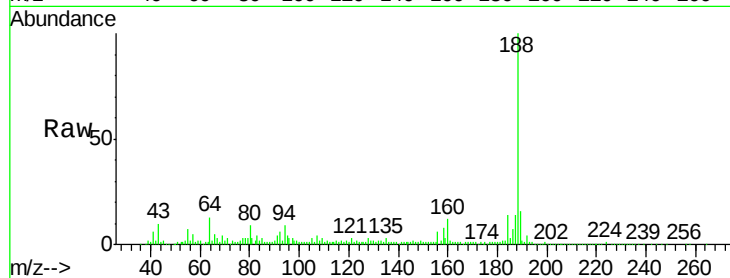
Tgt Ion:188 Resp: 445047

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

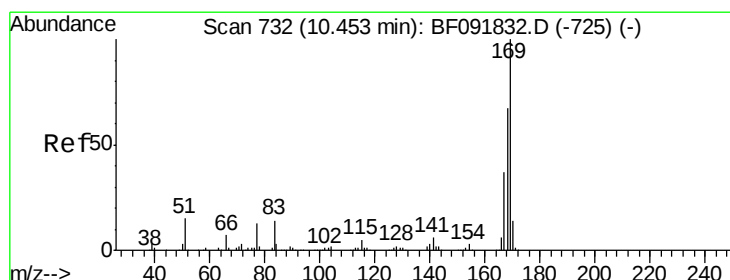
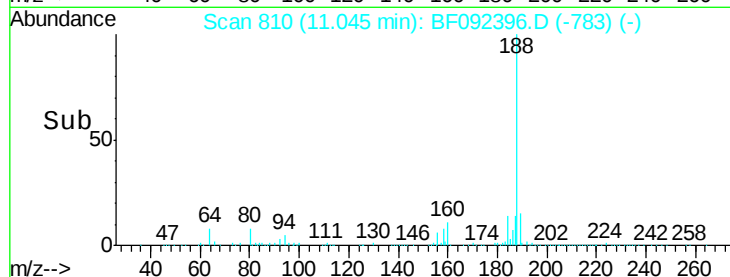
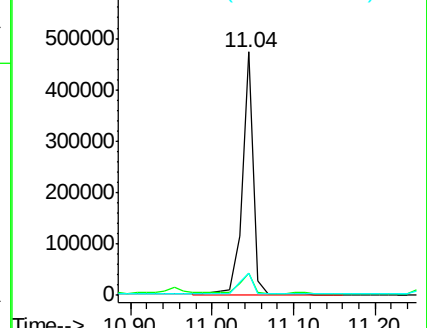
80 9.1 11.2 16.8#



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



#65

n-Nitrosodiphenylamine

Concen: 2.01 ng

RT: 10.23 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

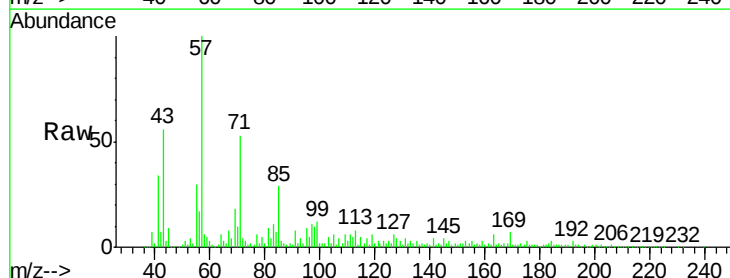
Tgt Ion:169 Resp: 26538

Ion Ratio Lower Upper

169 100

168 30.9 54.2 81.2#

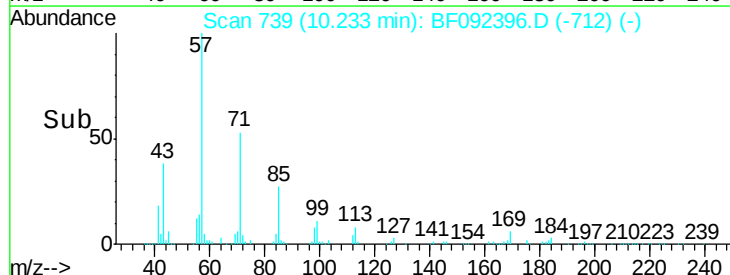
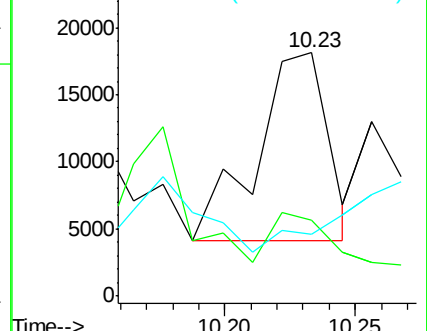
167 25.2 30.2 45.4#

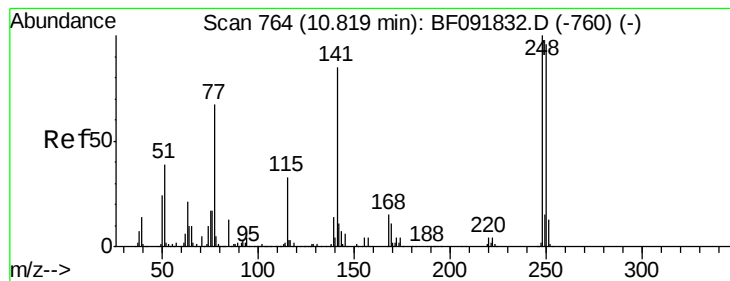


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.35 ng

RT: 10.36 min Scan# 750

Delta R.T. -0.23 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

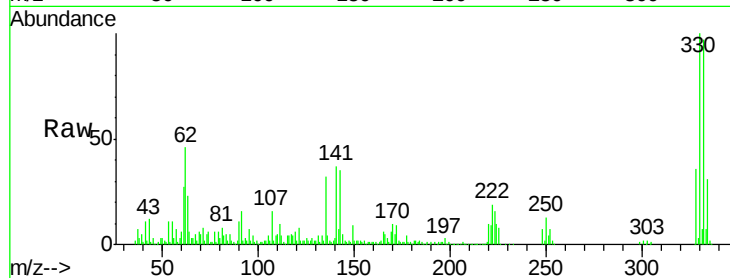
Tgt Ion:248 Resp: 20150

Ion Ratio Lower Upper

248 100

250 195.1 76.9 115.3#

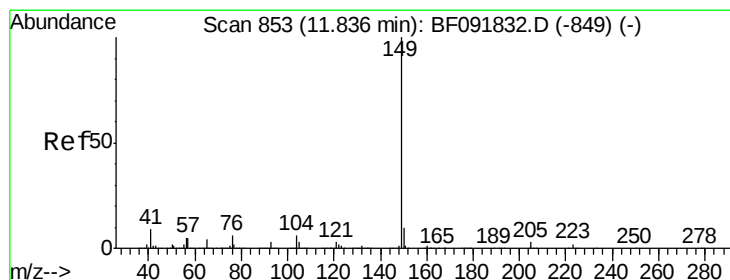
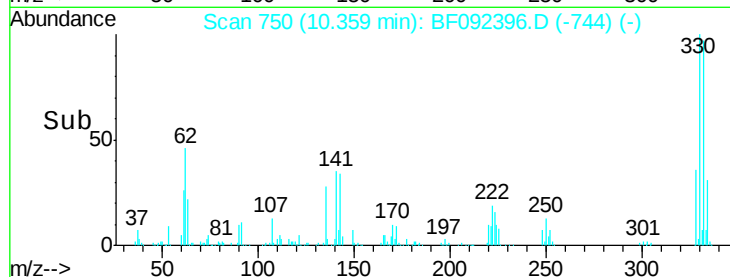
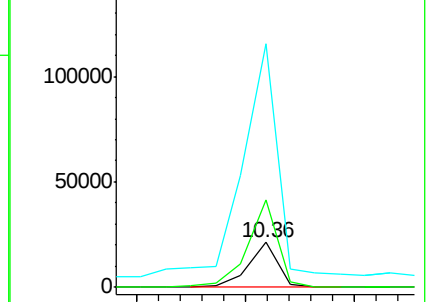
141 541.2 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.63 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

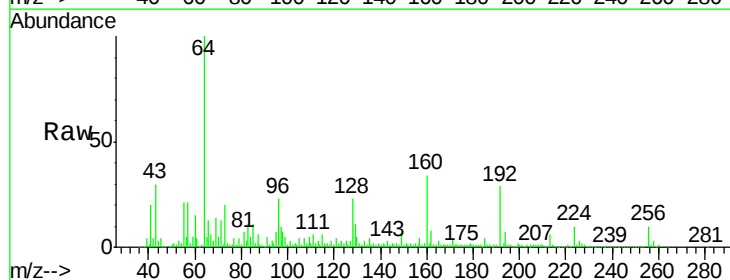
Tgt Ion:149 Resp: 12757

Ion Ratio Lower Upper

149 100

150 20.1 8.1 12.1#

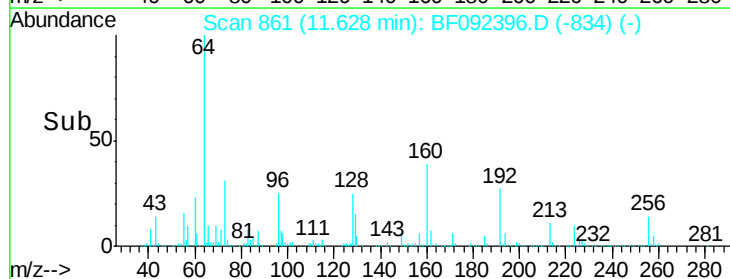
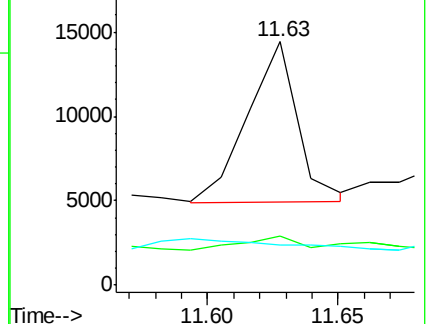
104 16.4 4.6 7.0#

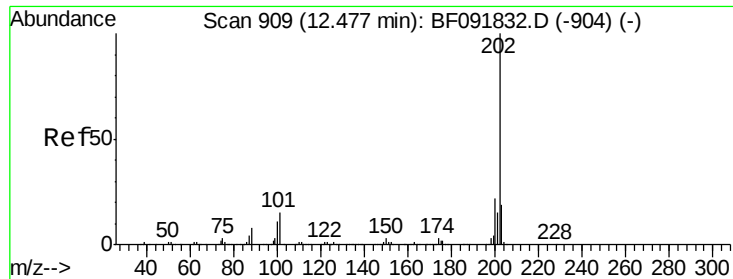


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.26 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

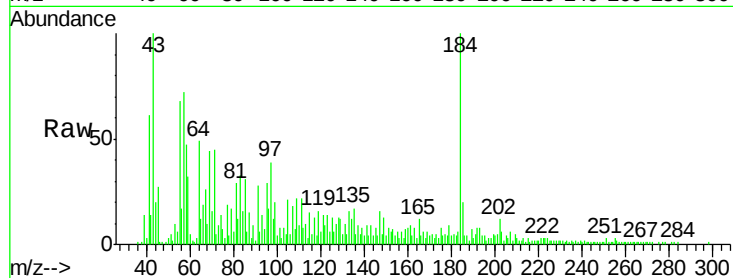
Tgt Ion:202 Resp: 5370

Ion Ratio Lower Upper

202 100

101 65.4 0.0 34.6#

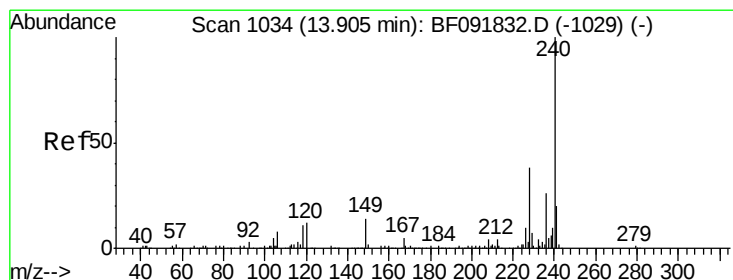
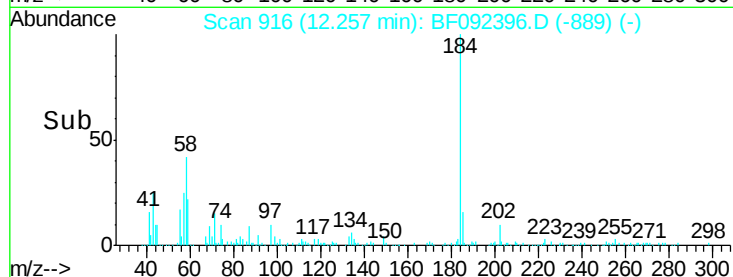
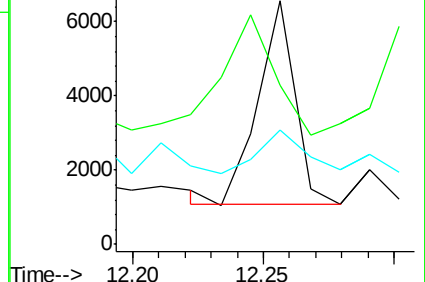
203 47.0 0.0 38.7#



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: 13.67 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

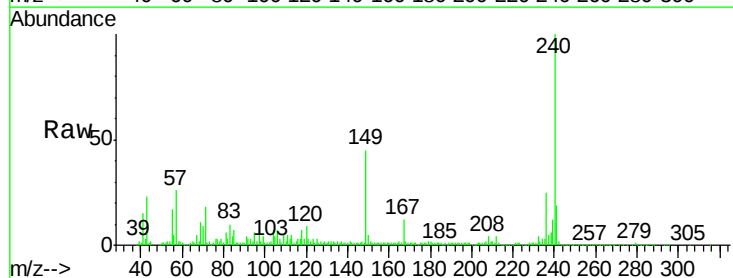
Tgt Ion:240 Resp: 224366

Ion Ratio Lower Upper

240 100

120 8.5 12.9 19.3#

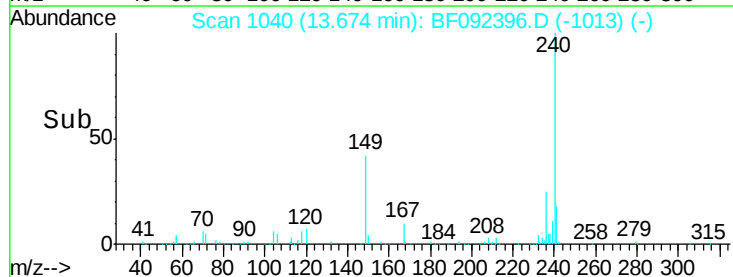
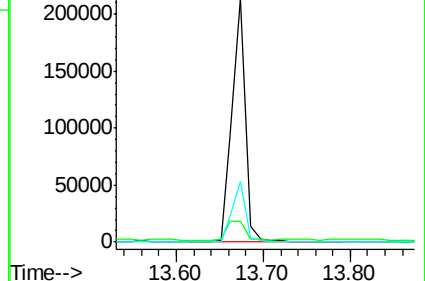
236 25.1 20.9 31.3

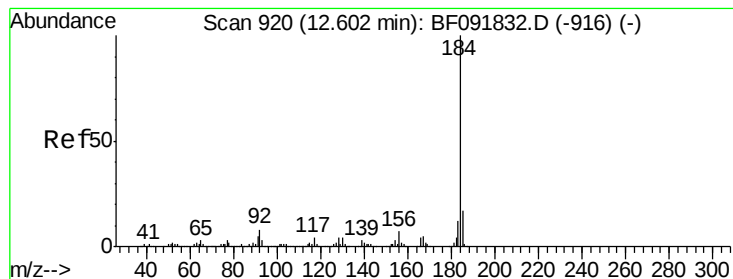


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.63 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

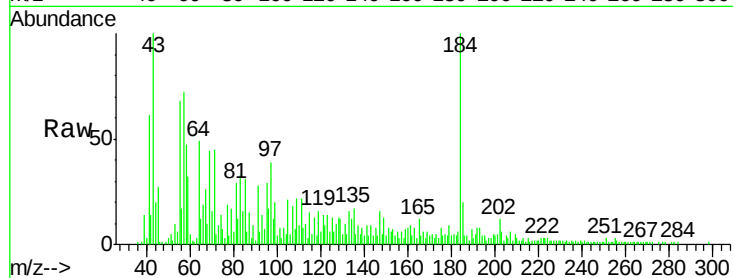
Tgt Ion:184 Resp: 62995

Ion Ratio Lower Upper

184 100

185 20.1 13.4 20.0#

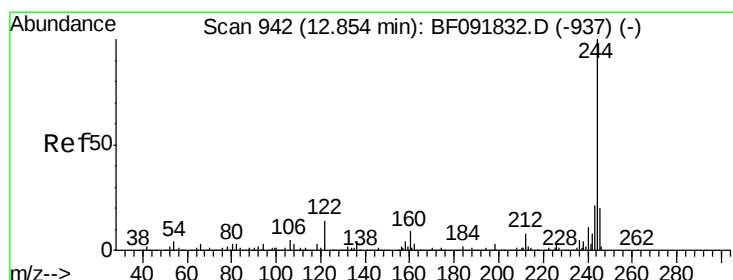
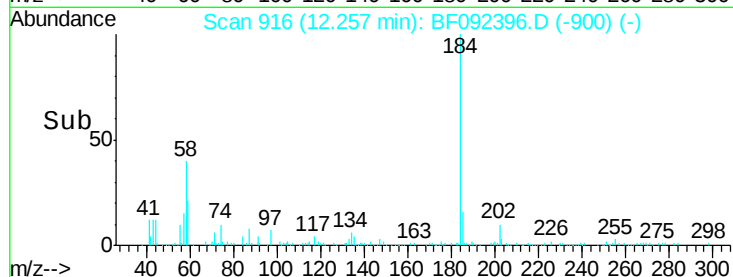
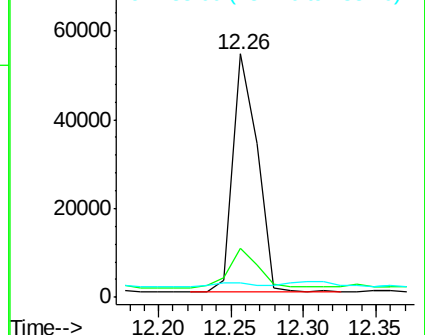
183 6.2 9.2 13.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 136.93 ng

RT: 12.63 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

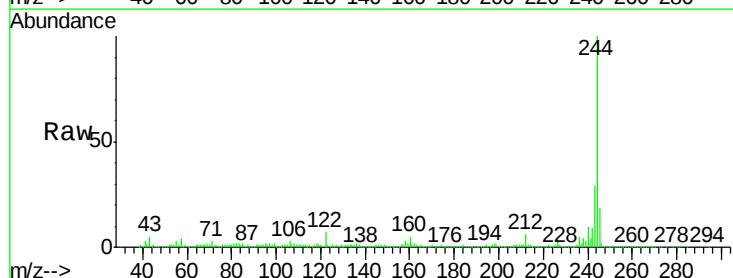
Tgt Ion:244 Resp: 1266756

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2#

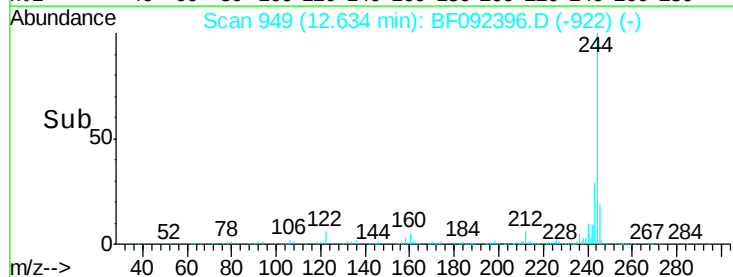
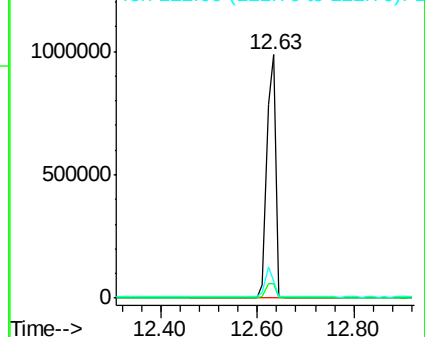
122 7.0 11.4 17.2#

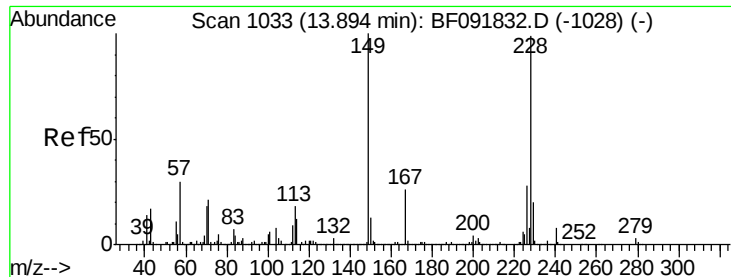


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.78 ng

RT: 13.67 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

Instrument :

BNA_F

ClientSampleId :

MW-02

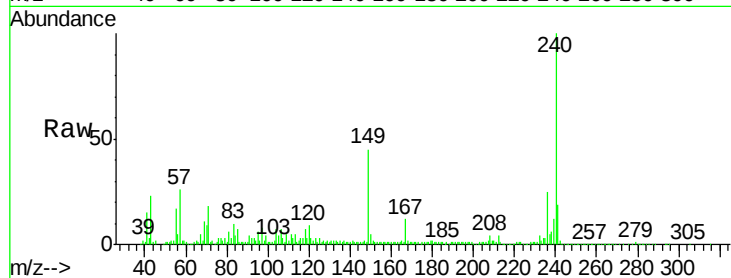
Tgt Ion:149 Resp: 86273

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

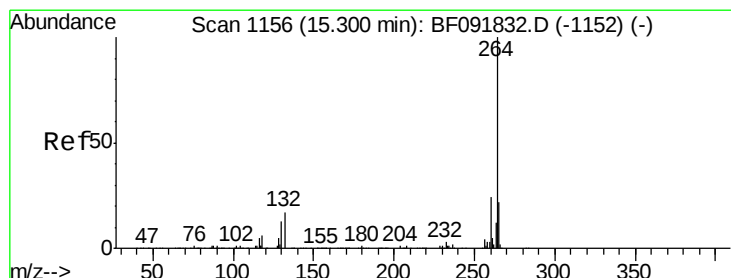
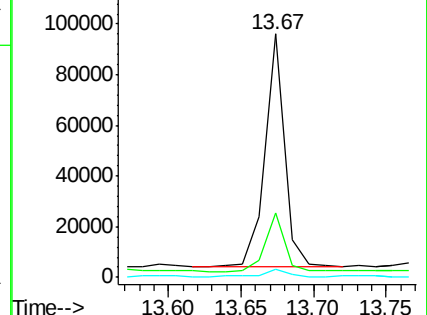
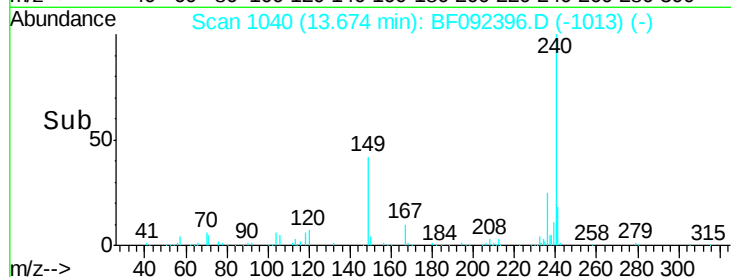
279 3.1 1.8 2.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.02 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF092396.D

Acq: 21 Jan 2017 4:34

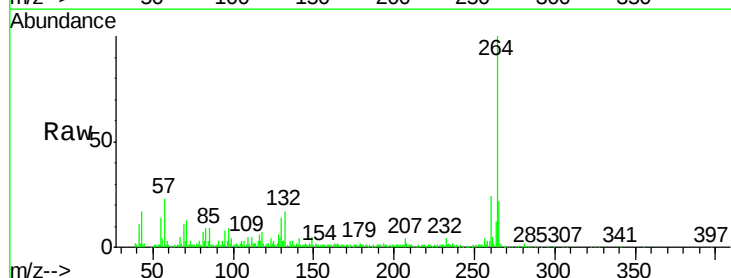
Tgt Ion:264 Resp: 162333

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 17.4 26.0



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

