

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088311.D
 Acq On : 24 Jun 2016 2:03
 Operator : UM/SJ
 Sample : H3682-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(3.5-4)

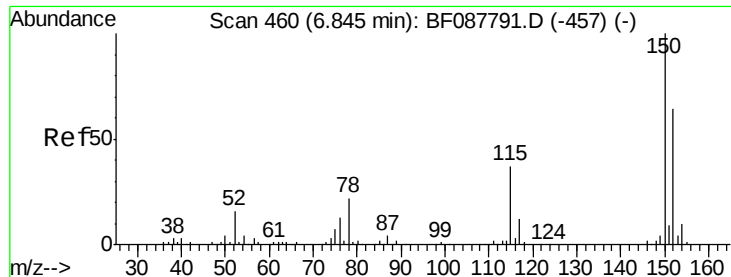
Quant Time: Jun 24 03:26:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 01:47:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	83031	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	285491	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	98126	20.00	ng	0.01
63) Phenanthrene-d10	11.13	188	161428	20.00	ng	0.02
75) Chrysene-d12	13.74	240	156990	20.00	ng	0.00
86) Perylene-d12	15.09	264	163500	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	628434	129.39	ng	0.01
7) Phenol-d6	6.27	99	806233	136.97	ng	-0.01
23) Nitrobenzene-d5	7.18	82	459144	93.91	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	123493	119.19	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	595786	96.10	ng	0.00
78) Terphenyl-d14	12.70	244	460711	66.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.28	94	4904	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.02	70	9522	2.53	ng	65
25) Isophorone	7.40	82	22674	2.50	ng	1
26) 2-Nitrophenol	7.51	139	6704	2.64	ng	1
32) Benzoic acid	7.79	122	5258	2.04	ng	1
35) Caprolactam	8.35	113	7110	5.50	ng	1
36) 4-Chloro-3-methylphenol	8.52	107	18935	4.54	ng	23
45) 1,1'-Biphenyl	9.06	154	3570	Below Cal	#	12
47) 2-Nitroaniline	9.19	65	3880	2.07	ng	77
49) Dimethylphthalate	9.37	163	117540	16.54	ng	95
50) 2,6-Dinitrotoluene	9.42	165	15352	9.43	ng	54
52) 3-Nitroaniline	9.59	138	15430	8.21	ng	26
53) 2,4-Dinitrophenol	9.86	184	1153	4.68	ng	1
55) 4-Nitrophenol	9.84	139	3200	2.19	ng	1
56) 2,4-Dinitrotoluene	9.87	165	8264	3.95	ng	65
57) Fluorene	10.17	166	3077	Below Cal	#	1
61) 4-Nitroaniline	10.09	138	12191	6.84	ng	95
64) 4,6-Dinitro-2-methylphenol	10.28	198	2200	4.25	ng	1
65) n-Nitrosodiphenylamine	10.31	169	53821	10.05	ng	43
68) Atrazine	10.84	200	12121	7.47	ng	1
69) Pentachlorophenol	10.95	266	2243	2.36	ng	1
70) Phenanthrene	11.18	178	22052	2.60	ng	1
71) Anthracene	11.24	178	25036	2.93	ng	1
74) Fluoranthene	12.55	202	33903	3.79	ng	71
77) Pyrene	12.55	202	33903	2.91	ng	84

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

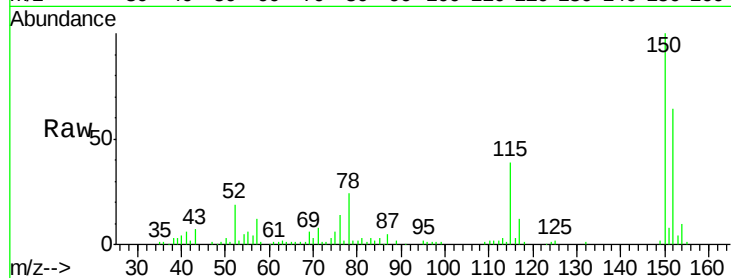
Tgt Ion:152 Resp: 83031

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

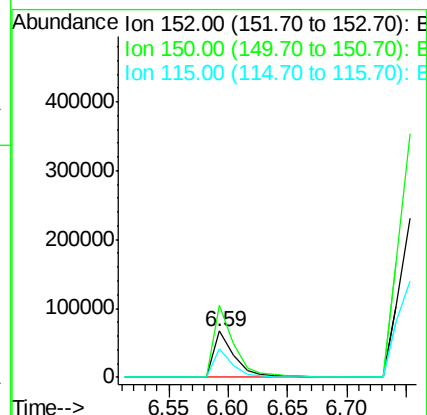
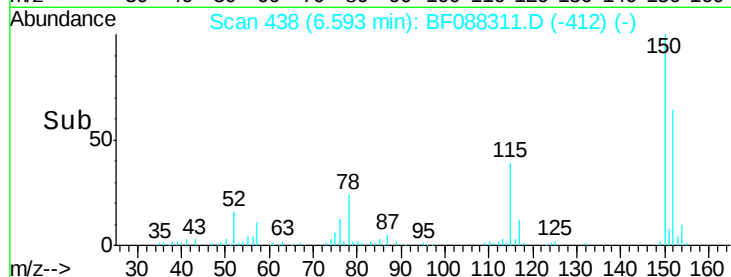
115 61.3 39.6 59.4#



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: 129.39 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

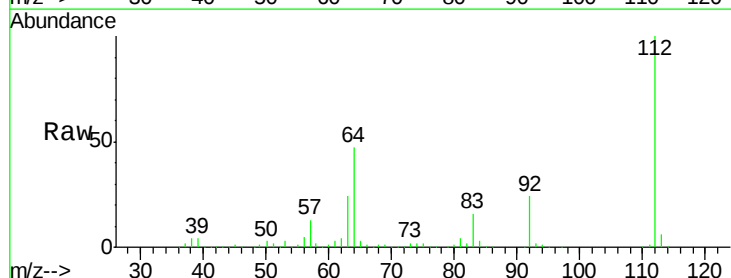
Tgt Ion:112 Resp: 628434

Ion Ratio Lower Upper

112 100

64 47.0 42.2 63.2

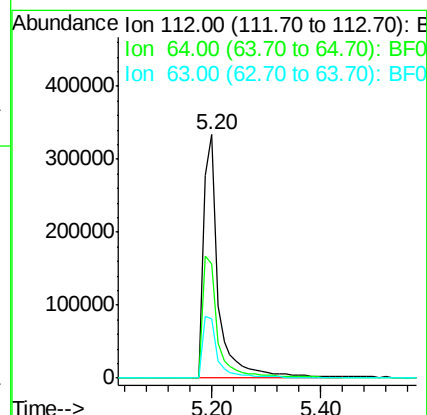
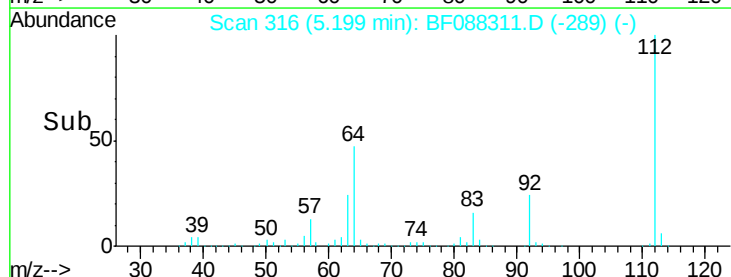
63 24.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.97 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

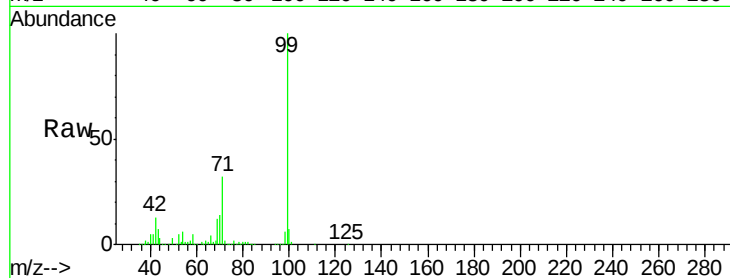
Tgt Ion: 99 Resp: 806233

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

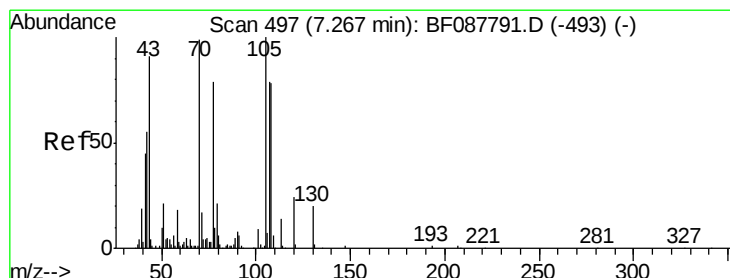
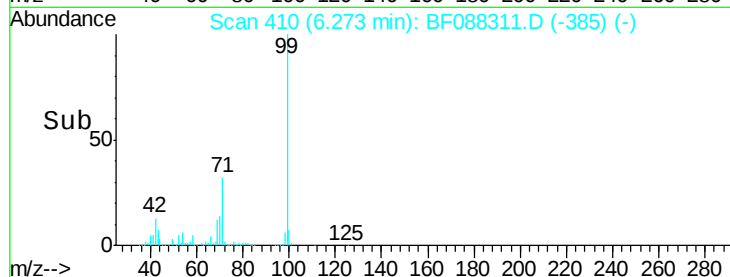
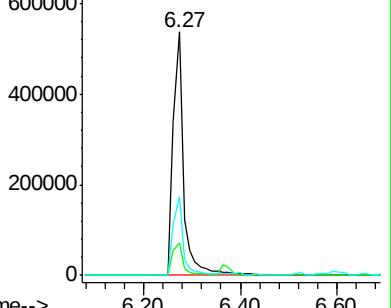
71 32.0 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.53 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Tgt Ion: 70 Resp: 9522

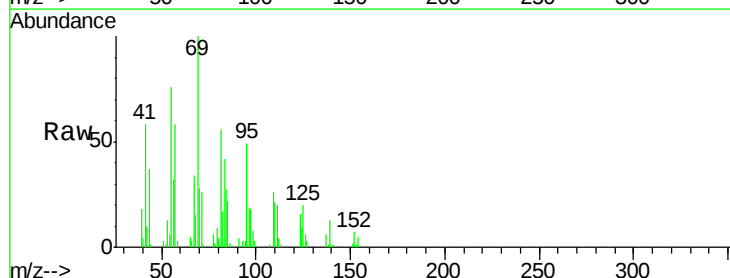
Ion Ratio Lower Upper

70 100

42 35.4 49.6 74.4#

101 0.0 7.1 10.7#

130 0.0 15.4 23.2#

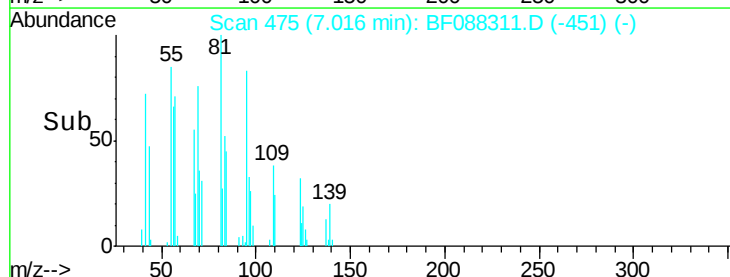
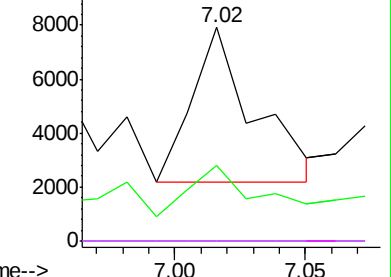


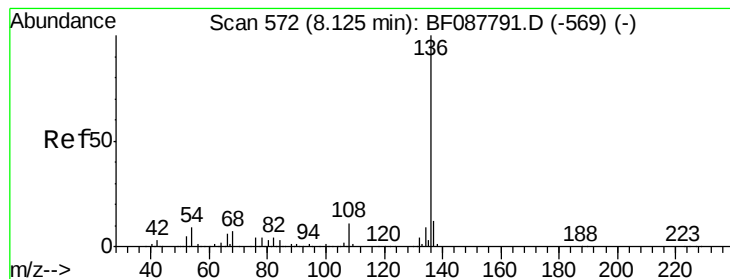
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

Tgt Ion: 136 Resp: 285491

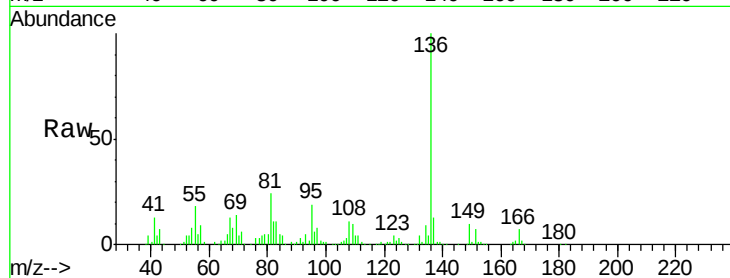
Ion Ratio Lower Upper

136 100

137 12.7 9.1 13.7

54 8.0 6.6 10.0

68 8.4 5.1 7.7#

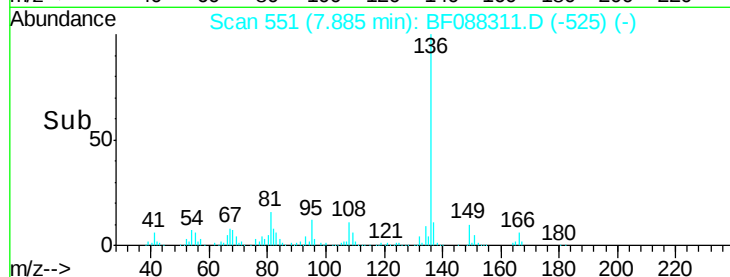


Abundance Ion 136.00 (135.70 to 136.70): E

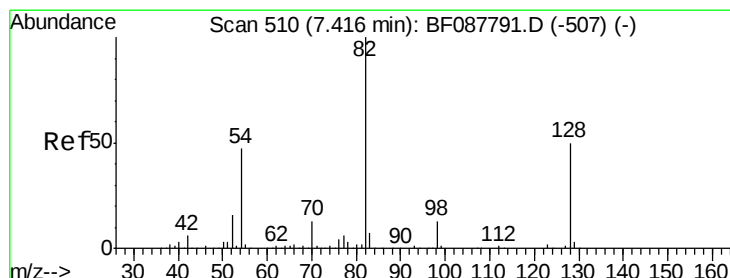
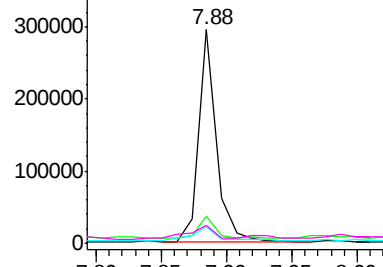
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.91 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

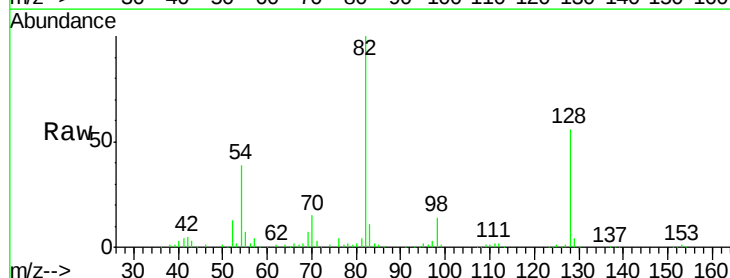
Tgt Ion: 82 Resp: 459144

Ion Ratio Lower Upper

82 100

128 55.7 35.9 53.9#

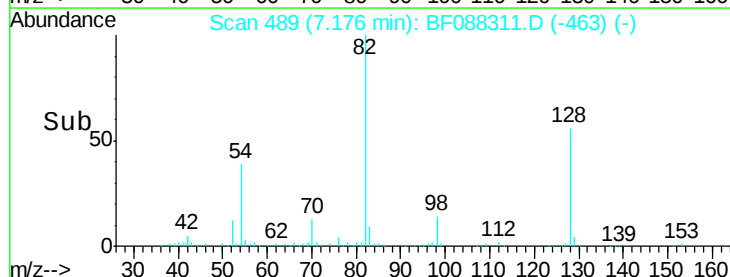
54 39.4 40.9 61.3#



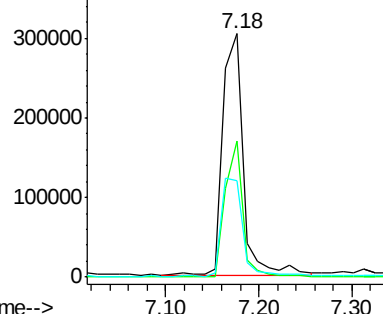
Abundance Ion 82.00 (81.70 to 82.70): BF0

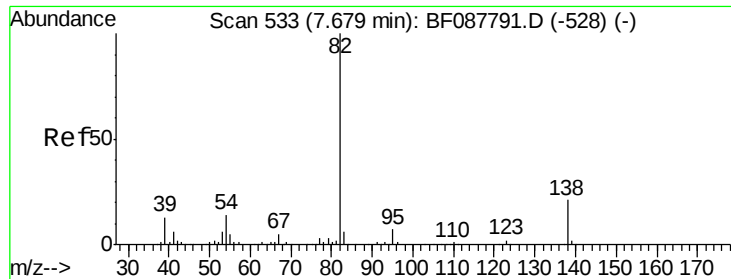
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 2.50 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

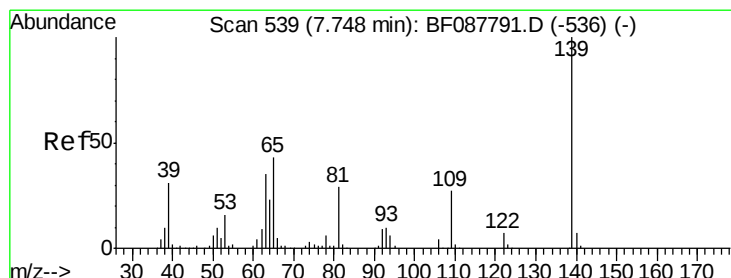
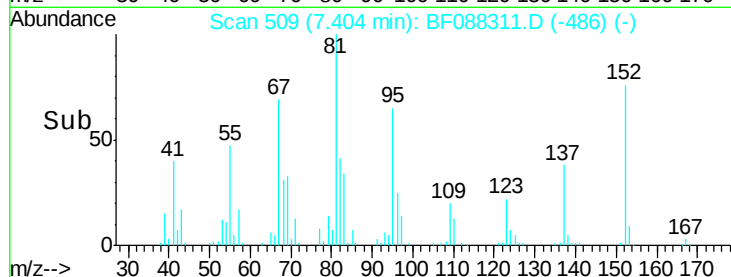
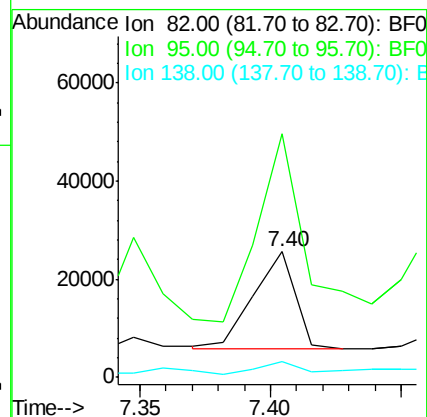
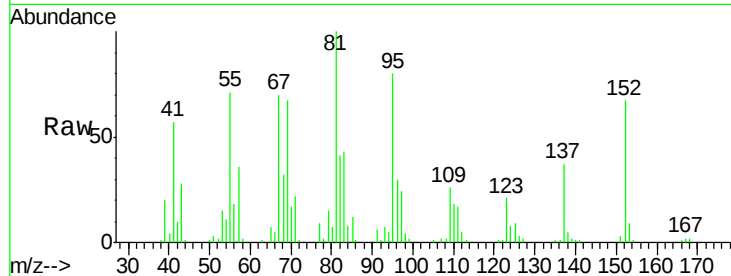
Tgt Ion: 82 Resp: 22674

Ion Ratio Lower Upper

82 100

95 194.0 5.4 8.2#

138 12.3 14.6 21.8#



#26

2-Nitrophenol

Concen: 2.64 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

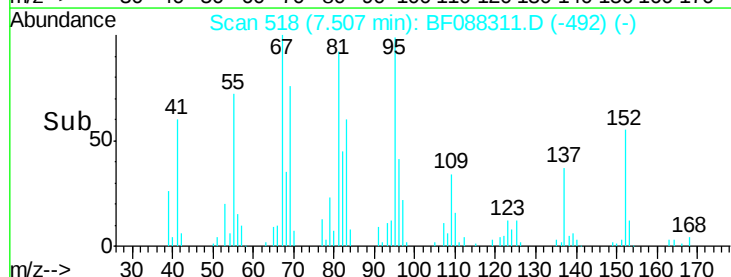
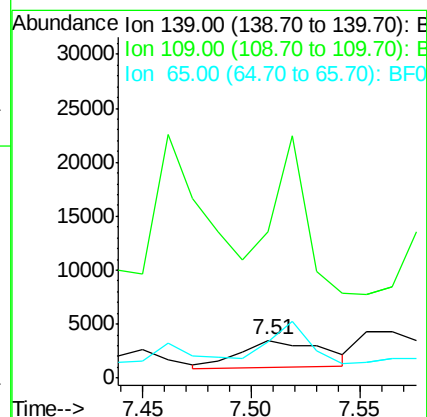
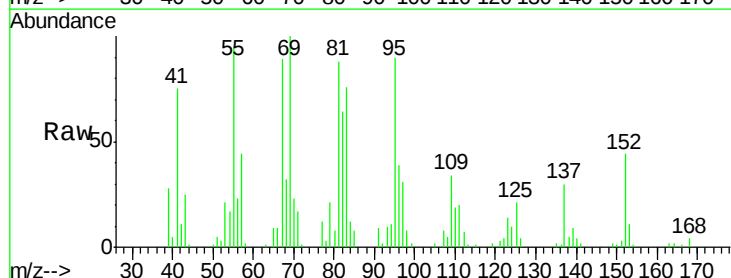
Tgt Ion: 139 Resp: 6704

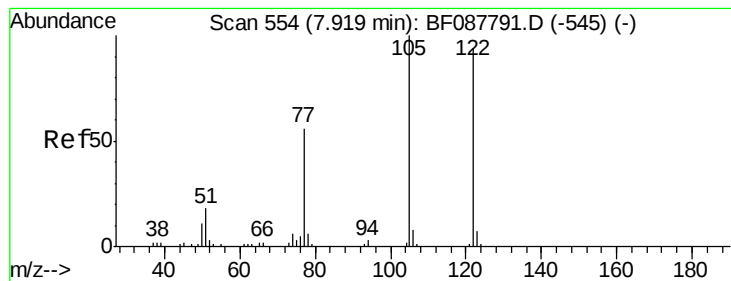
Ion Ratio Lower Upper

139 100

109 386.0 23.0 34.4#

65 97.0 45.8 68.8#





#32

Benzoic acid

Concen: 2.04 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.06 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

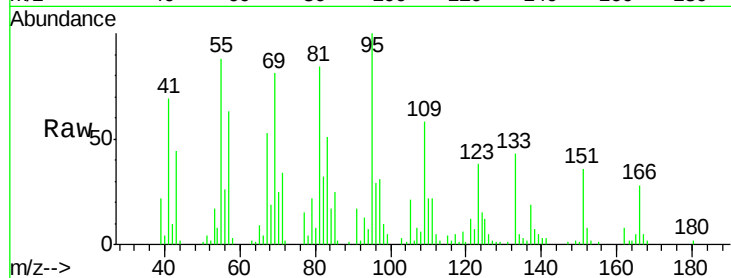
Tgt Ion:122 Resp: 5258

Ion Ratio Lower Upper

122 100

105 282.5 101.6 141.6#

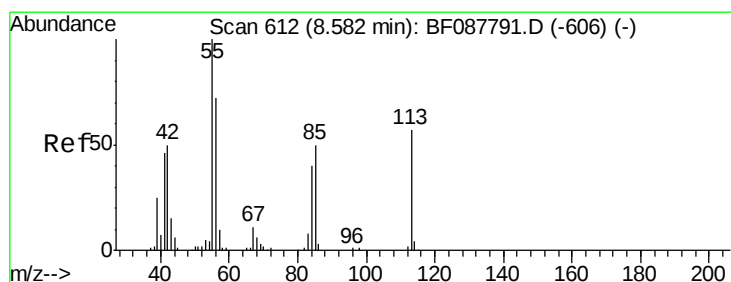
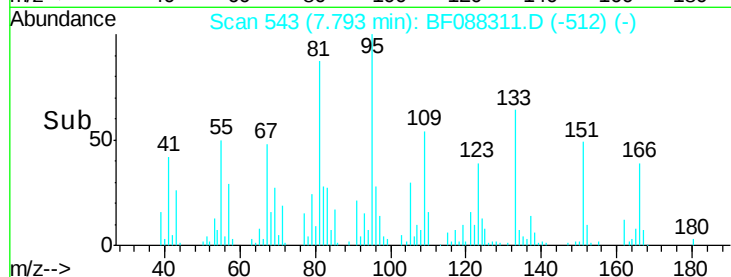
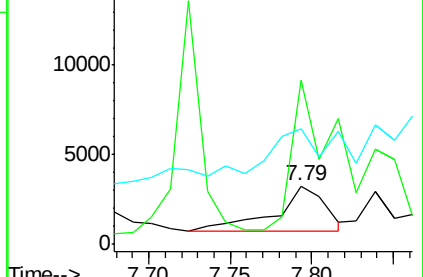
77 198.8 70.6 110.6#



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: 5.50 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

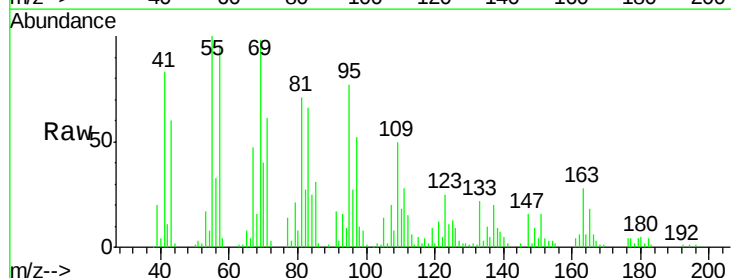
Tgt Ion:113 Resp: 7110

Ion Ratio Lower Upper

113 100

55 1585.5 158.6 198.6#

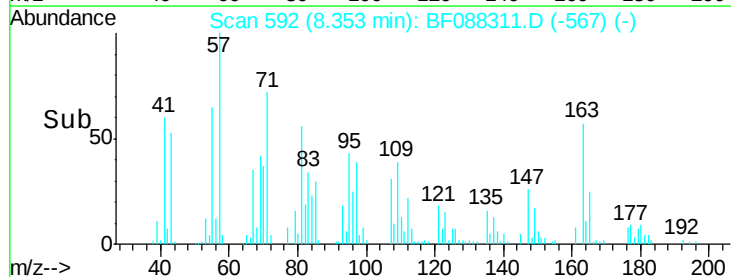
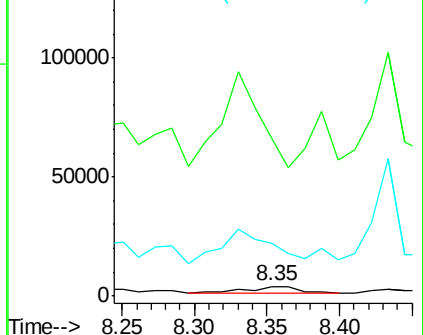
56 527.1 110.6 150.6#

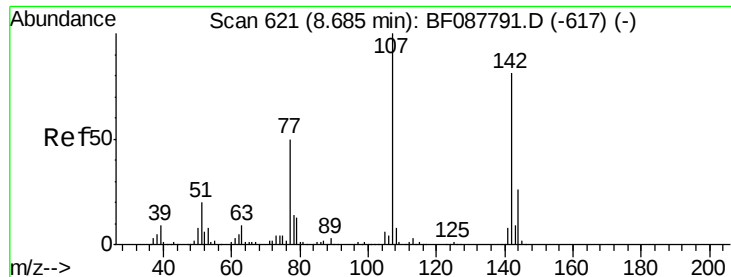


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

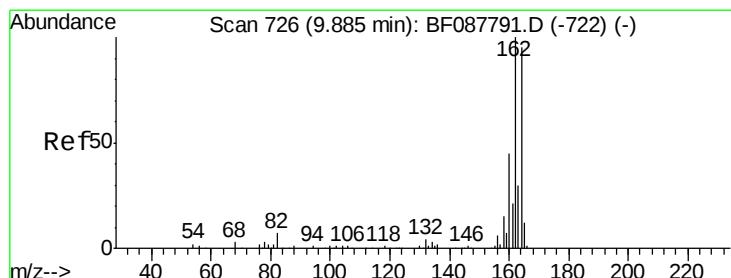
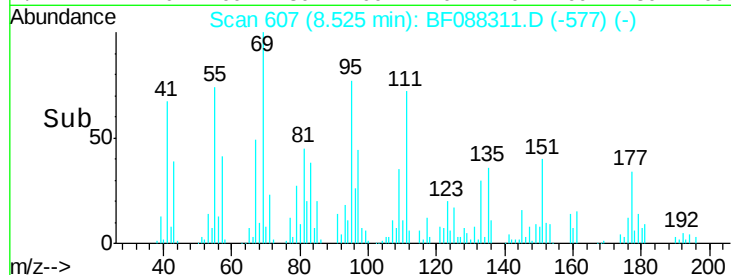
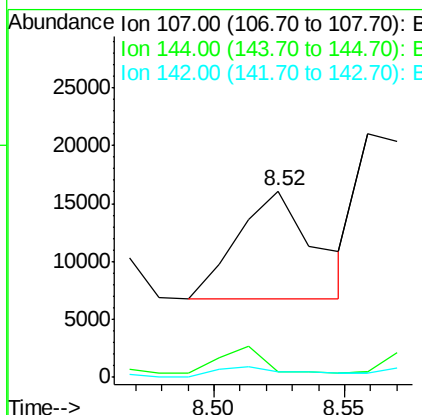
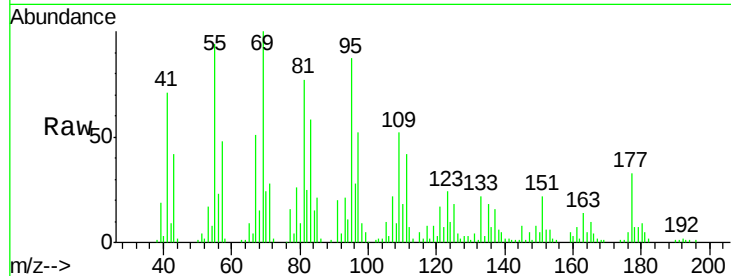




#36
 4-Chloro-3-methylphenol
 Concen: 4.54 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.05 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

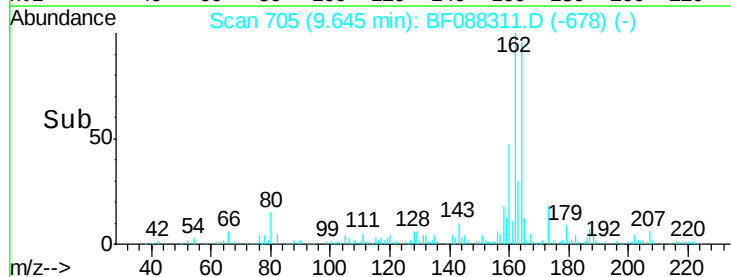
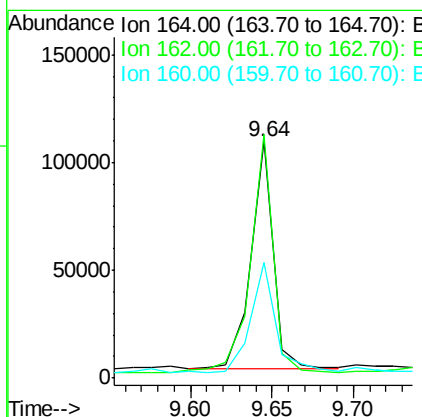
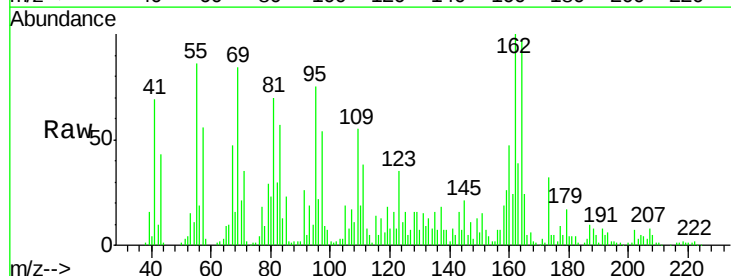
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(3.5-4)

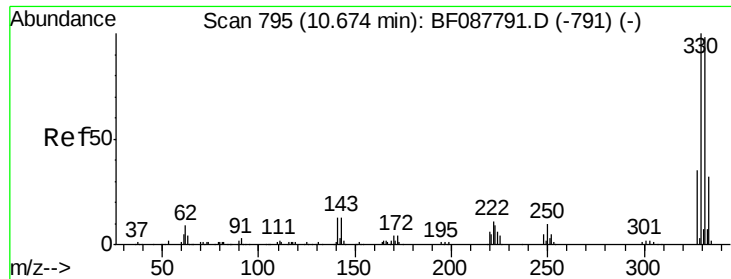
Tgt Ion:107 Resp: 18935
 Ion Ratio Lower Upper
 107 100
 144 3.3 20.8 31.2#
 142 2.8 63.4 95.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

Tgt Ion:164 Resp: 98126
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.4 128.2
 160 48.7 39.5 59.3

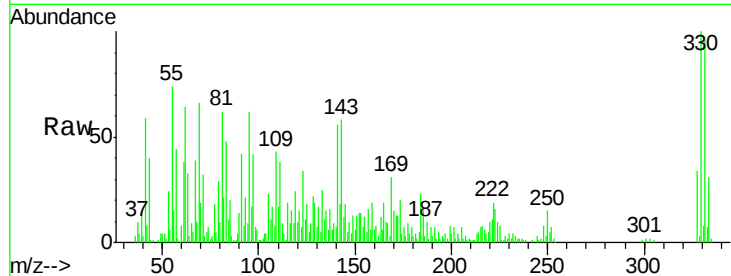




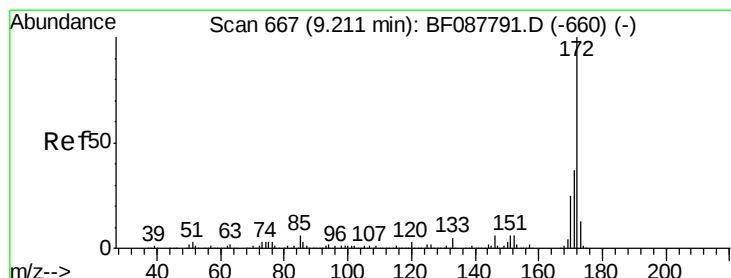
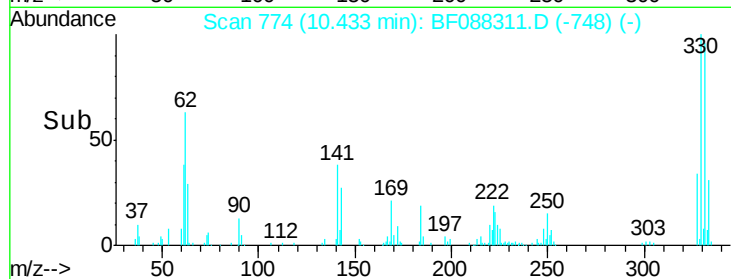
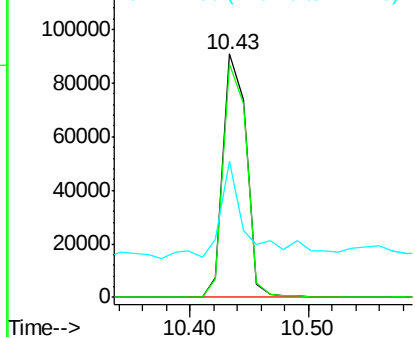
#41
 2,4,6-Tribromophenol
 Concen: 119.19 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(3.5-4)

Tgt Ion:330 Resp: 123493
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 49.1 0.0 0.0#

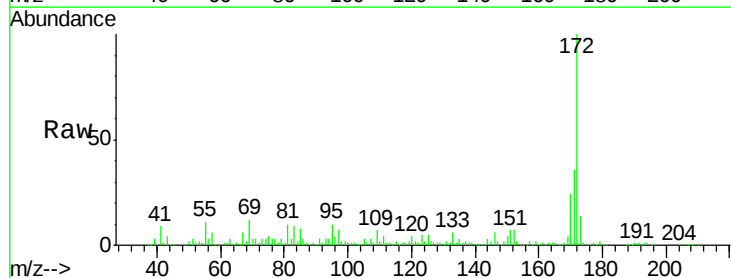


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

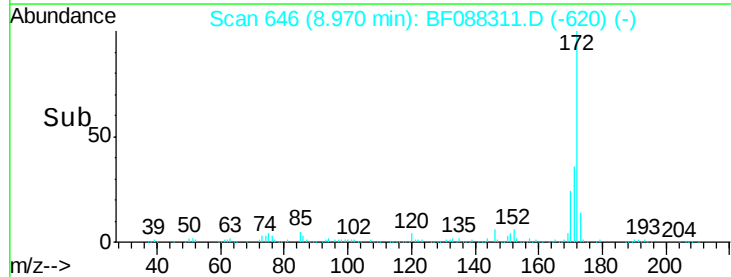
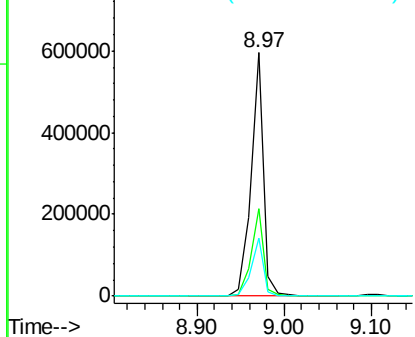


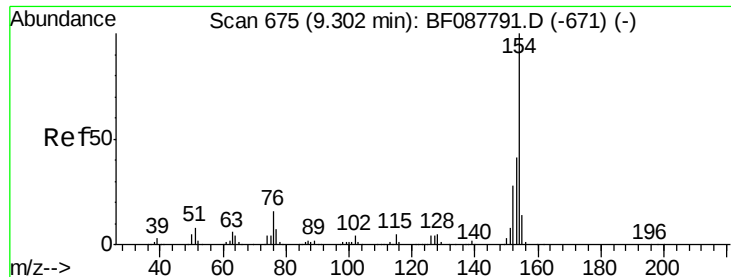
#44
 2-Fluorobiphenyl
 Concen: 96.10 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

Tgt Ion:172 Resp: 595786
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.7 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampled :

SB-3(3.5-4)

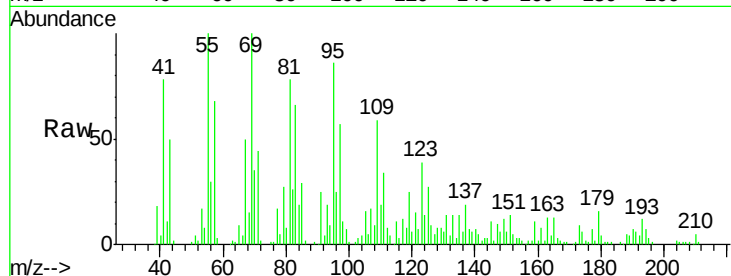
Tgt Ion: 154 Resp: 3570

Ion Ratio Lower Upper

154 100

153 109.6 20.6 60.6#

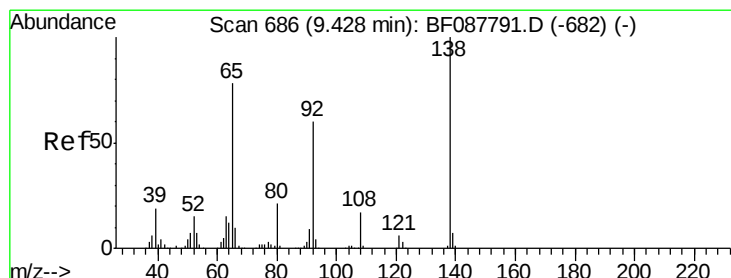
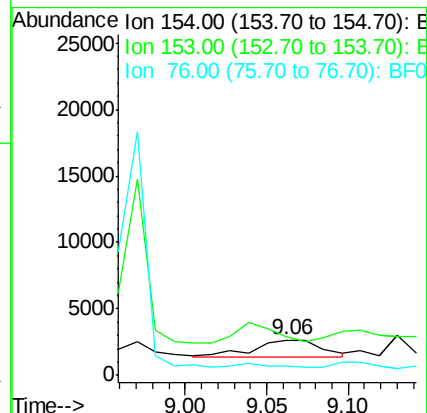
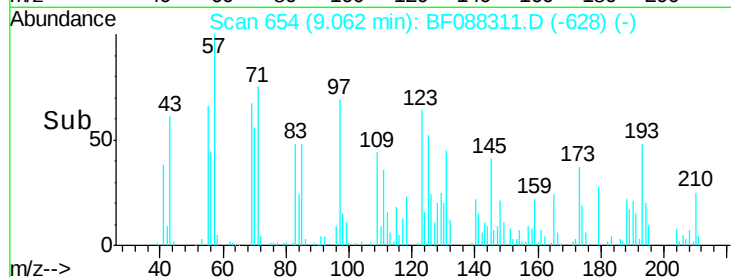
76 25.9 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#47

2-Nitroaniline

Concen: 2.07 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

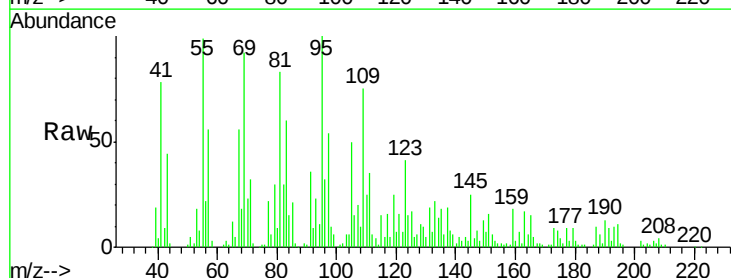
Tgt Ion: 65 Resp: 3880

Ion Ratio Lower Upper

65 100

92 76.4 54.6 82.0

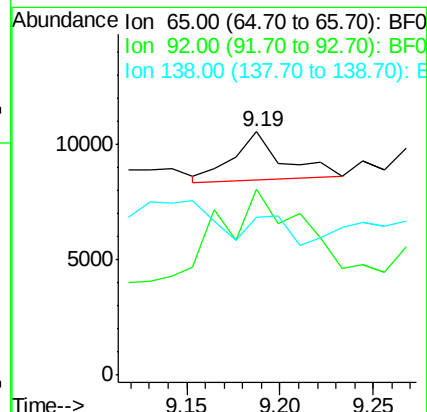
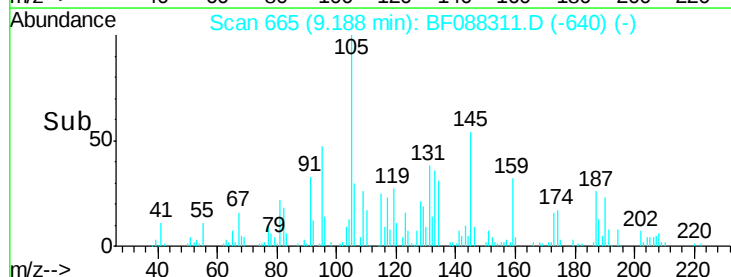
138 64.8 77.0 115.4#

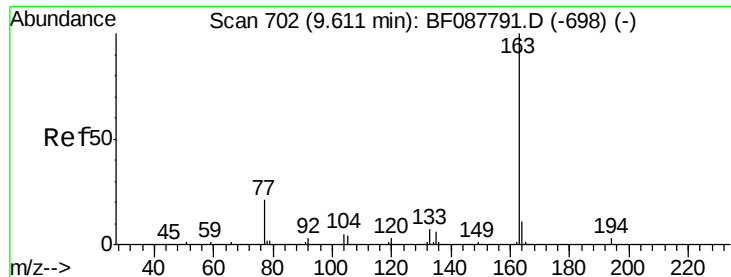


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

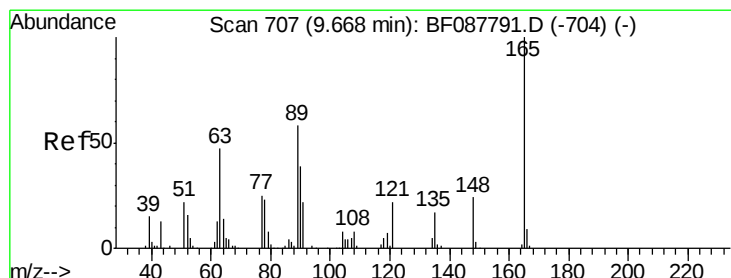
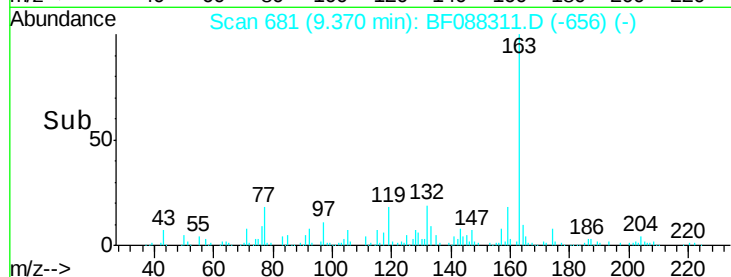
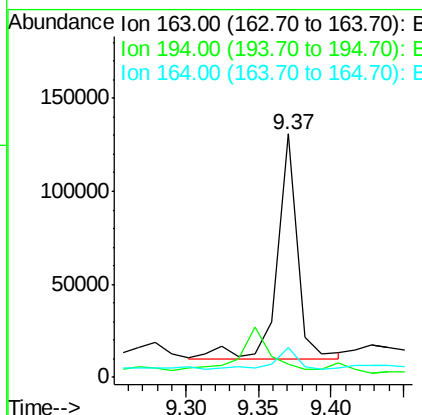
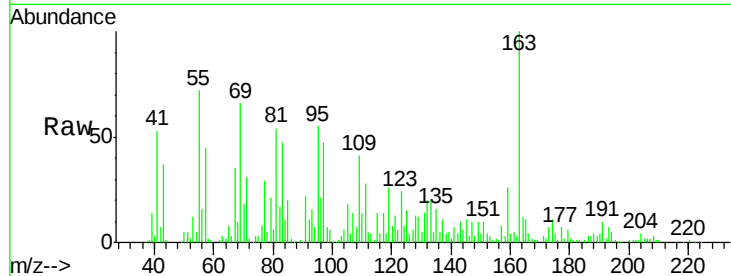




#49
Dimethylphthalate
Concen: 16.54 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088311.D
Acq: 24 Jun 2016 2:03

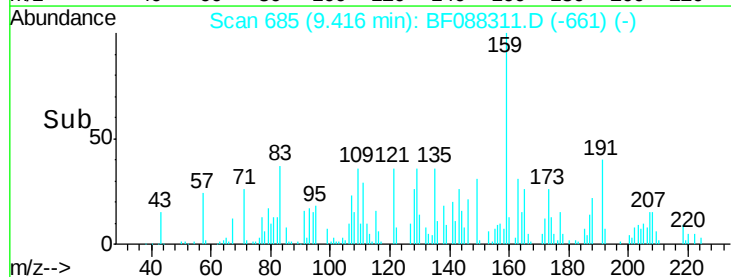
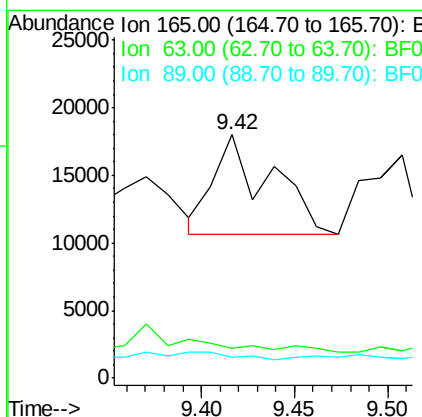
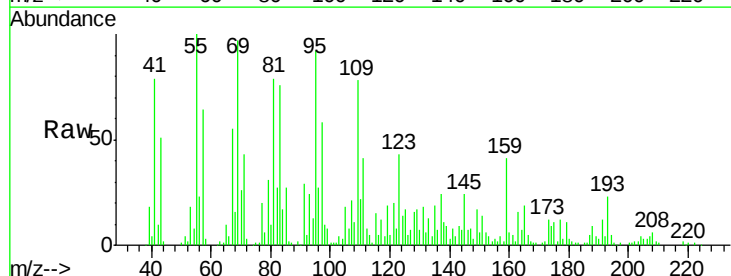
Instrument :
BNA_F
ClientSampleId :
SB-3(3.5-4)

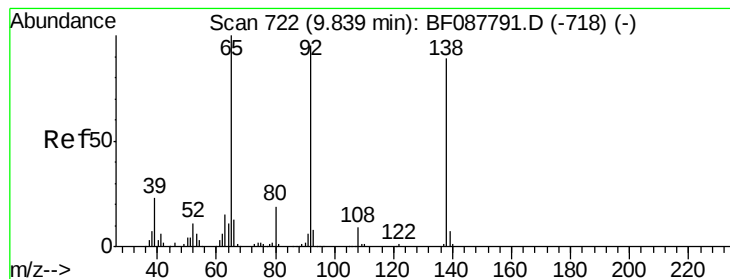
Tgt Ion:163 Resp: 117540
Ion Ratio Lower Upper
163 100
194 5.5 2.8 4.2#
164 12.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 9.43 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF088311.D
Acq: 24 Jun 2016 2:03

Tgt Ion:165 Resp: 15352
Ion Ratio Lower Upper
165 100
63 12.1 28.1 42.1#
89 8.4 32.2 48.2#





#52

3-Nitroaniline

Concen: 8.21 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

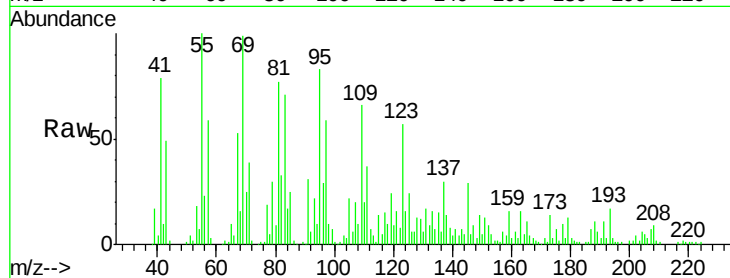
Tgt Ion:138 Resp: 15430

Ion Ratio Lower Upper

138 100

108 73.0 8.5 12.7#

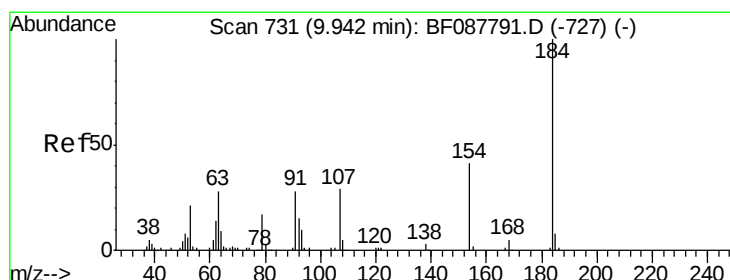
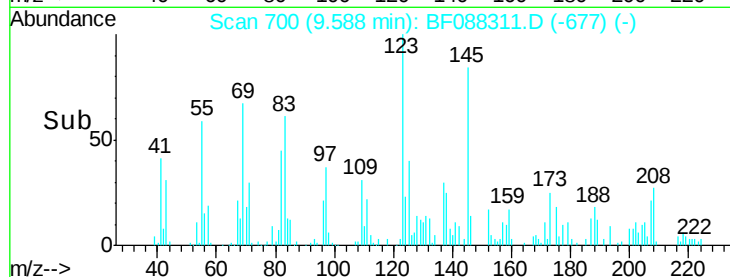
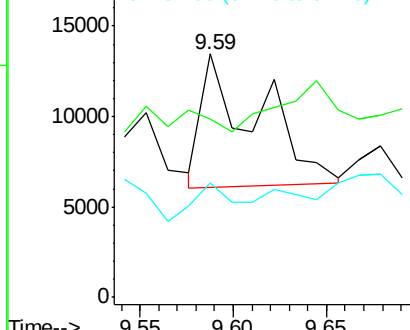
92 47.1 95.7 143.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 4.68 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.14 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

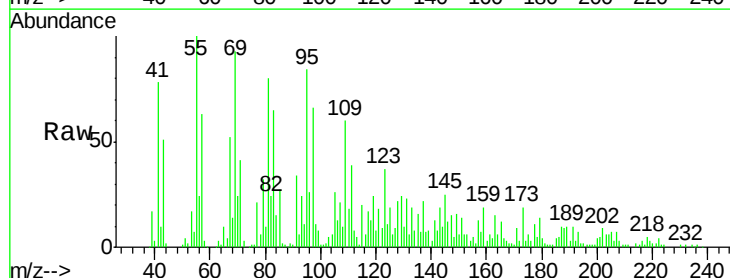
Tgt Ion:184 Resp: 1153

Ion Ratio Lower Upper

184 100

63 335.6 57.6 86.4#

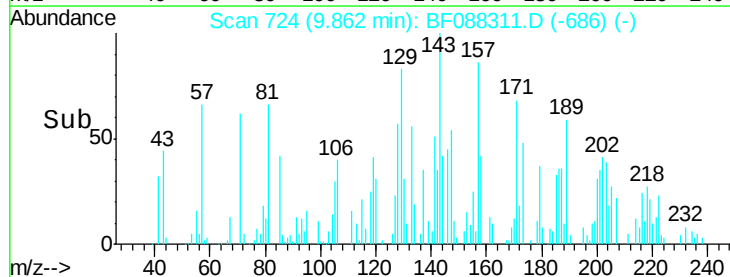
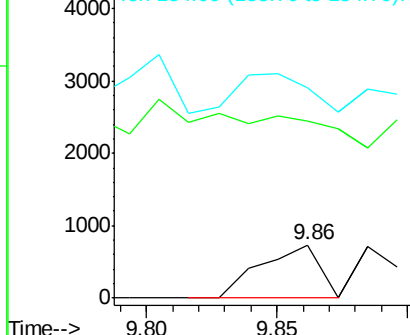
154 396.4 53.5 80.3#

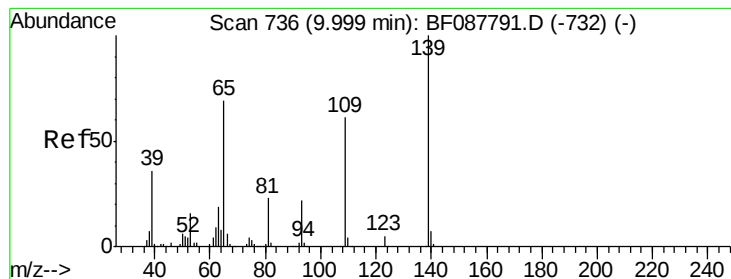


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 2.19 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

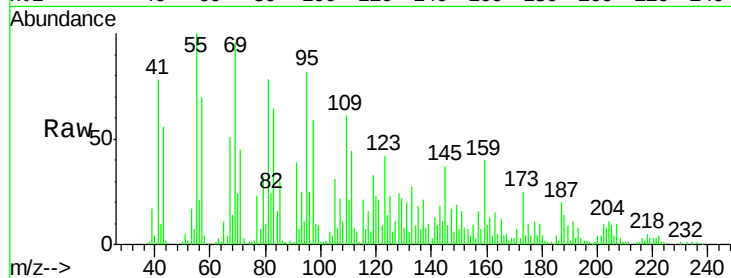
Tgt Ion:139 Resp: 3200

Ion Ratio Lower Upper

139 100

109 610.2 48.9 88.9#

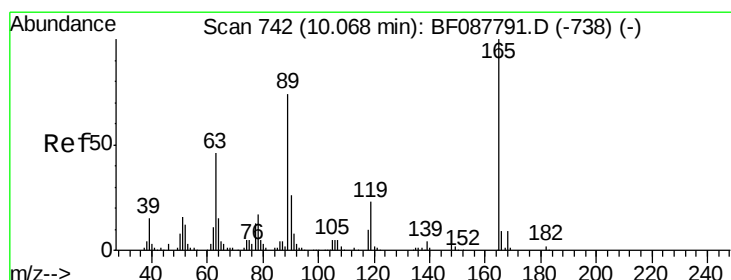
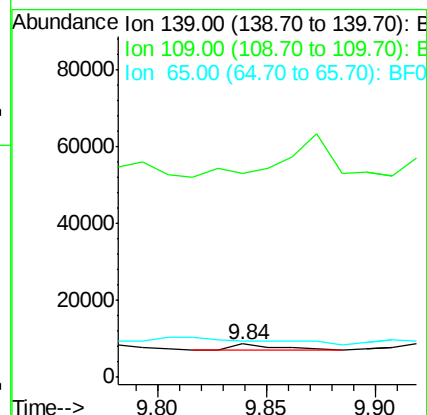
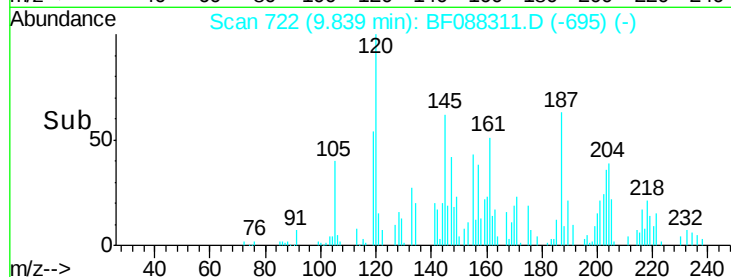
65 110.5 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 3.95 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Tgt Ion:165 Resp: 8264

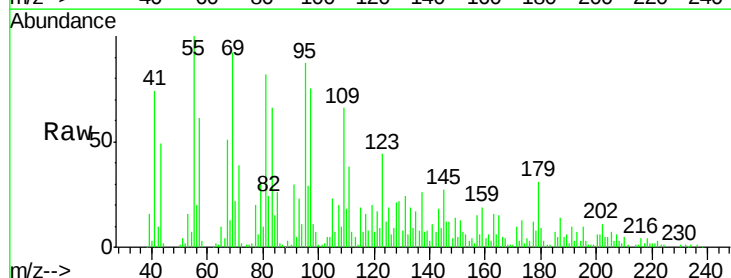
Ion Ratio Lower Upper

165 100

63 16.3 22.0 33.0#

89 21.7 41.1 61.7#

182 8.9 2.0 3.0#

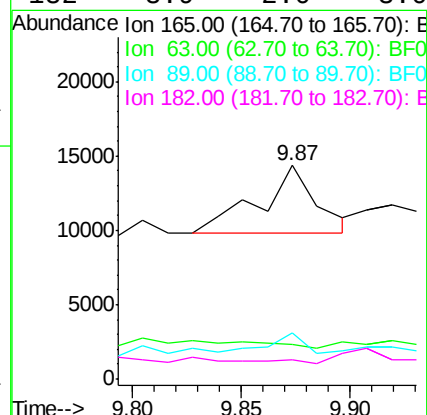
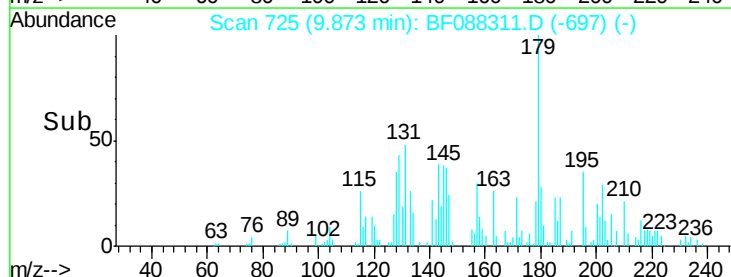


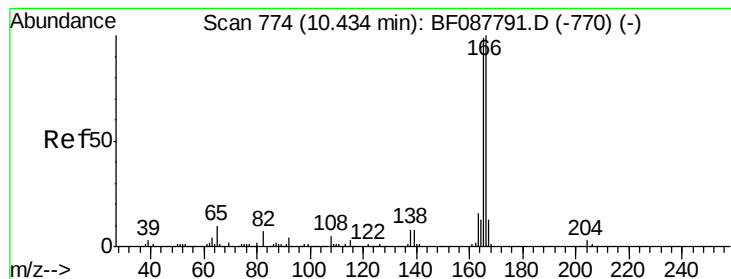
Abundance Ion 165.00 (164.70 to 165.70): E

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: Below Cal

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

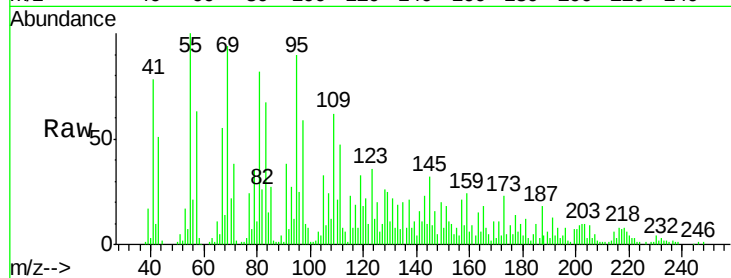
Tgt Ion:166 Resp: 3077

Ion Ratio Lower Upper

166 100

165 227.9 77.8 116.8#

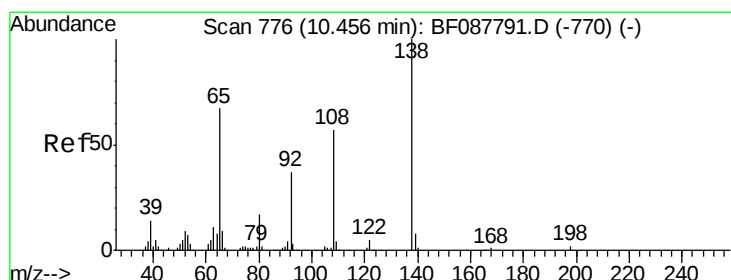
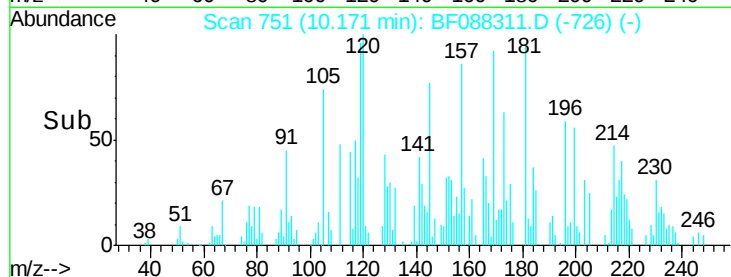
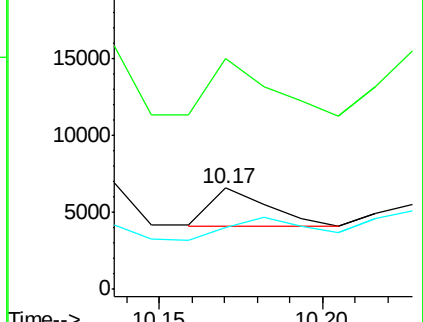
167 61.2 11.2 16.8#



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



#61

4-Nitroaniline

Concen: 6.84 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.15 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

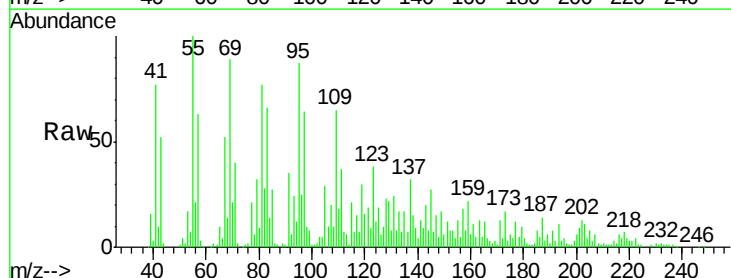
Tgt Ion:138 Resp: 12191

Ion Ratio Lower Upper

138 100

92 43.6 27.3 67.3

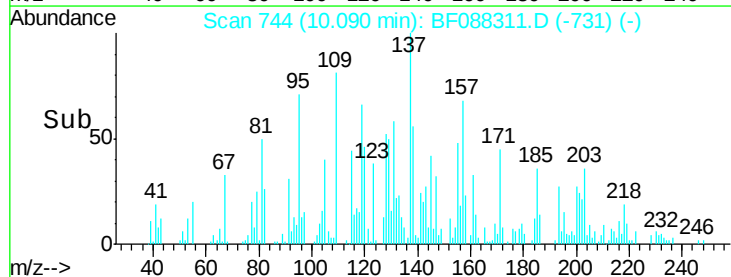
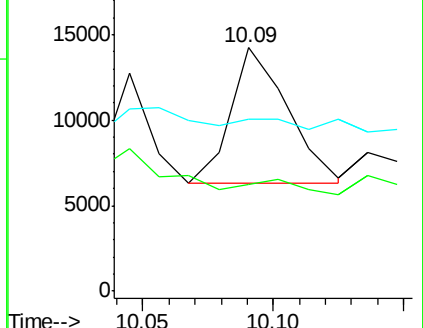
108 70.5 46.7 86.7

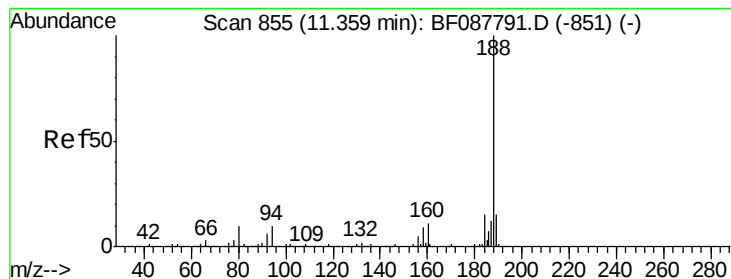


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.02 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

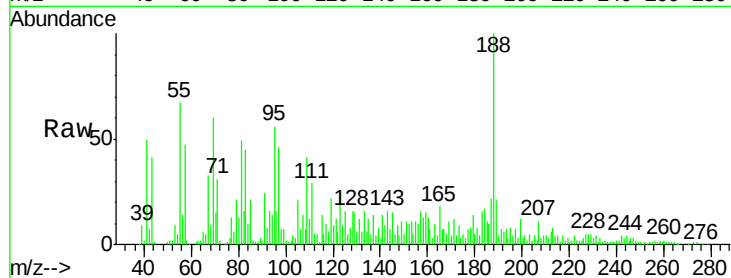
Tgt Ion:188 Resp: 161428

Ion Ratio Lower Upper

188 100

94 13.8 9.0 13.6#

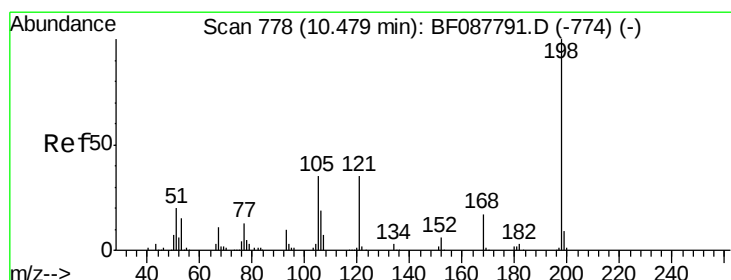
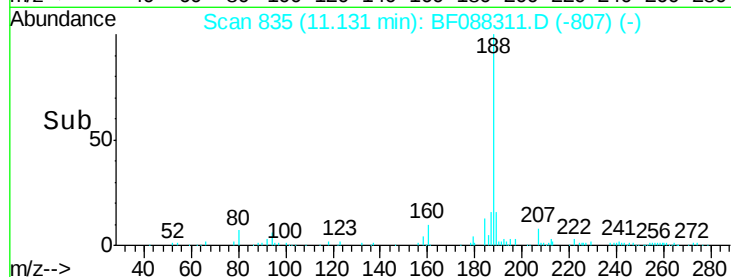
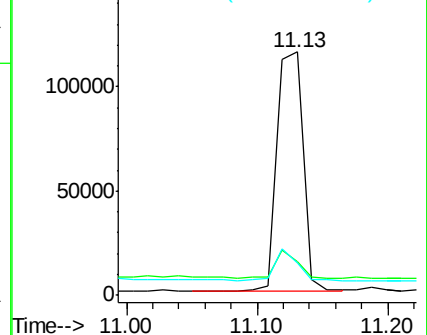
80 13.2 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 4.25 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.02 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

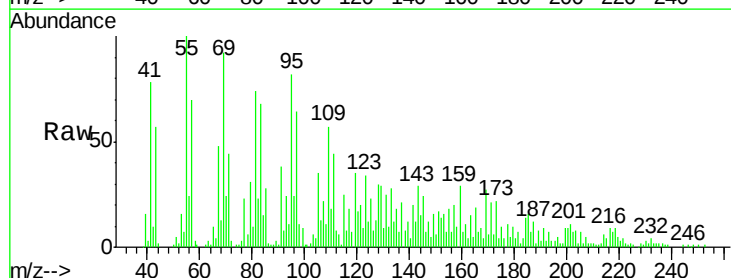
Tgt Ion:198 Resp: 2200

Ion Ratio Lower Upper

198 100

51 249.3 39.6 79.6#

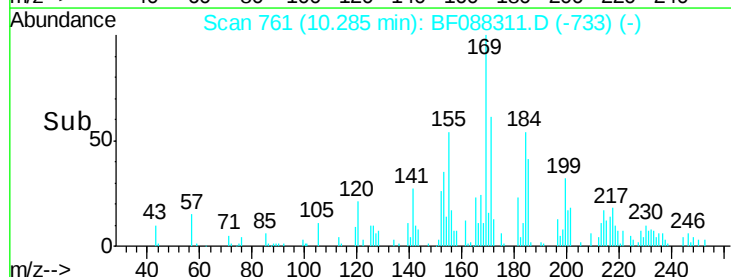
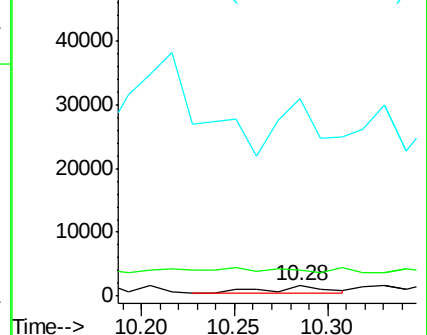
105 1940.6 36.6 76.6#

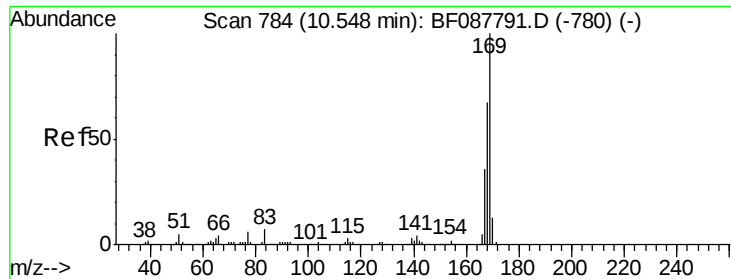


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 10.05 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

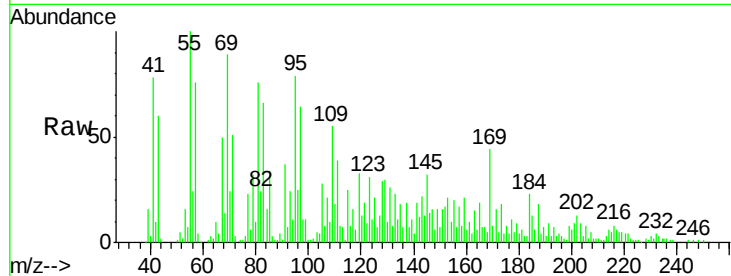
Tgt Ion:169 Resp: 53821

Ion Ratio Lower Upper

169 100

168 11.4 53.4 80.0#

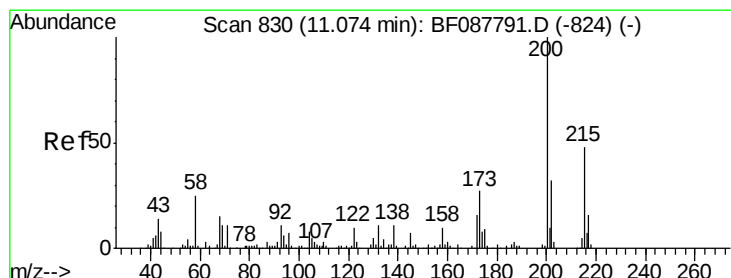
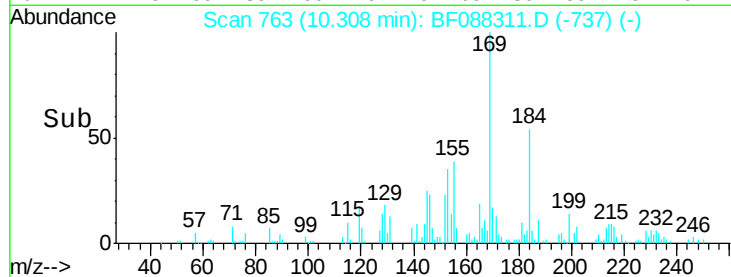
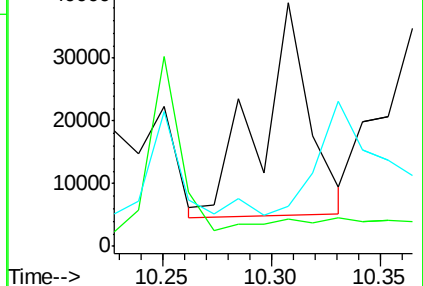
167 16.5 29.4 44.0#



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: 7.47 ng

RT: 10.84 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

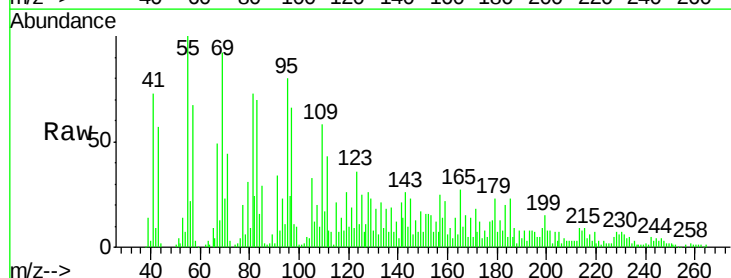
Tgt Ion:200 Resp: 12121

Ion Ratio Lower Upper

200 100

173 152.7 4.0 44.0#

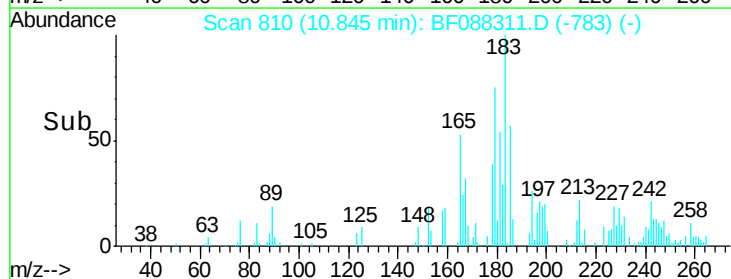
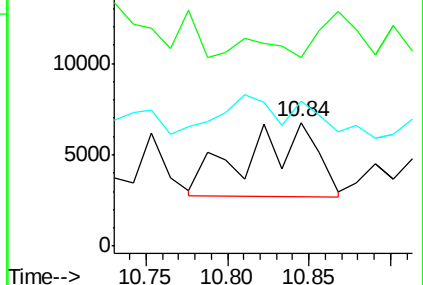
215 117.2 29.3 69.3#

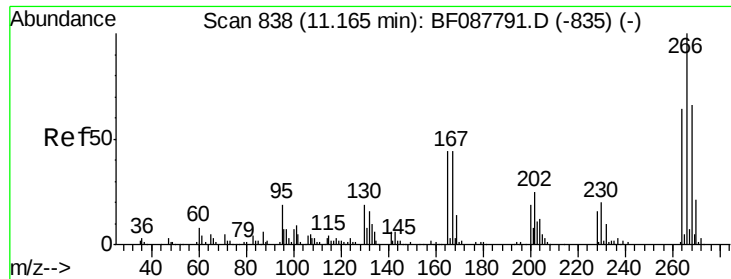


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

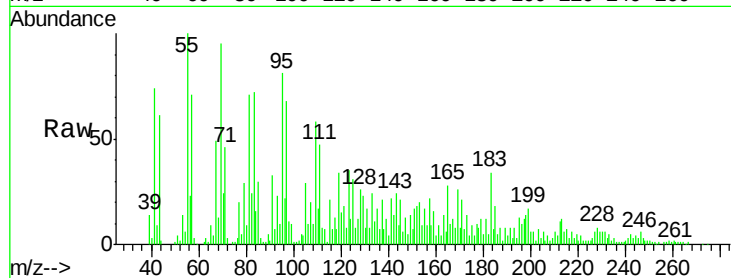




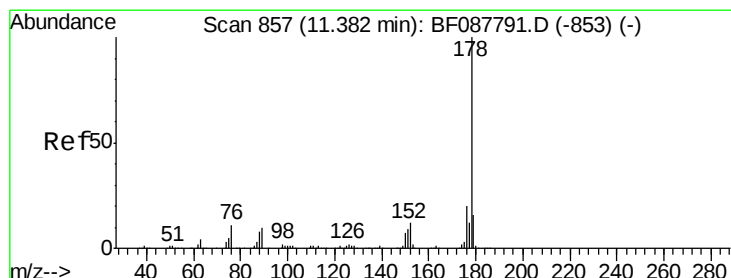
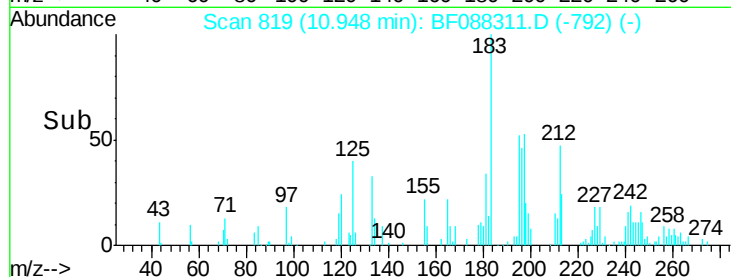
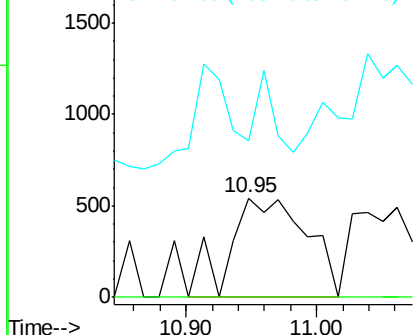
#69
 Pentachlorophenol
 Concen: 2.36 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(3.5-4)

Tgt Ion: 266 Resp: 2243
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.8 79.2#
 264 157.9 49.6 74.4#

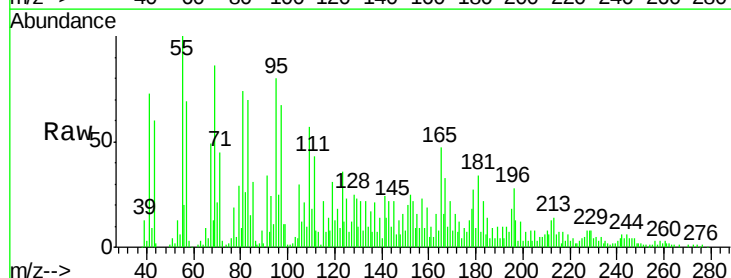


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

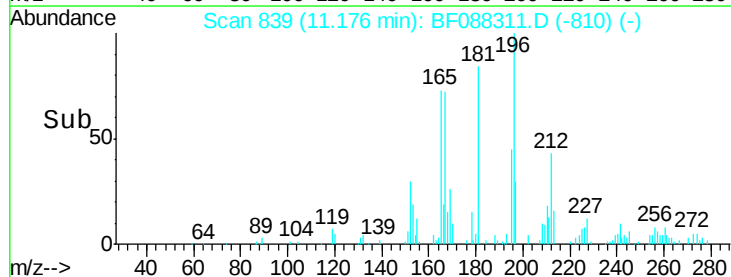
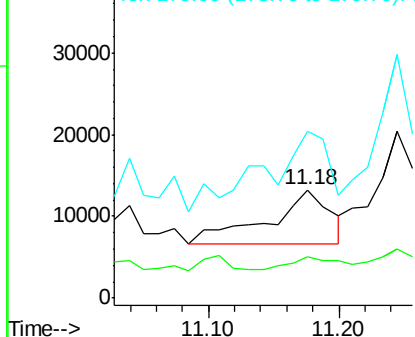


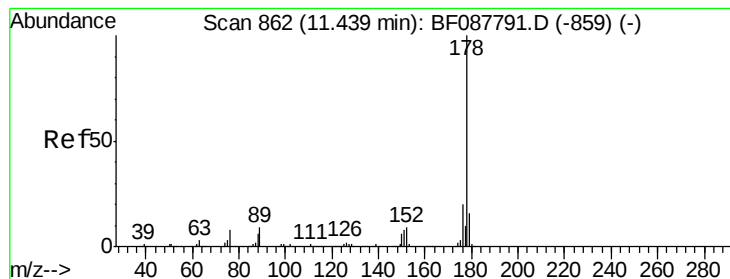
#70
 Phenanthrene
 Concen: 2.60 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.03 min
 Lab File: BF088311.D
 Acq: 24 Jun 2016 2:03

Tgt Ion: 178 Resp: 22052
 Ion Ratio Lower Upper
 178 100
 176 38.4 15.8 23.6#
 179 154.3 13.0 19.4#



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: 2.93 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.06 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

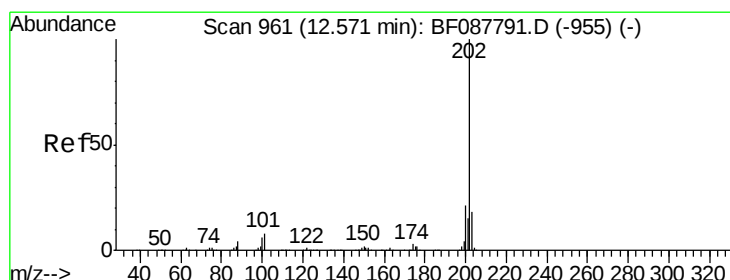
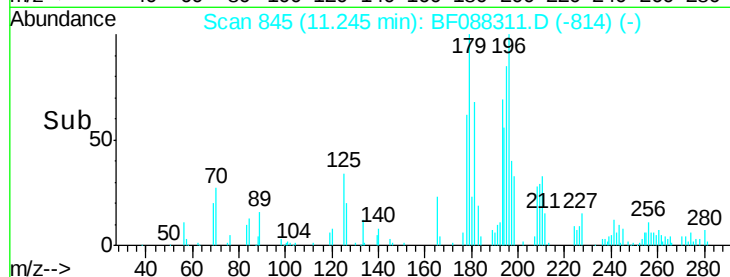
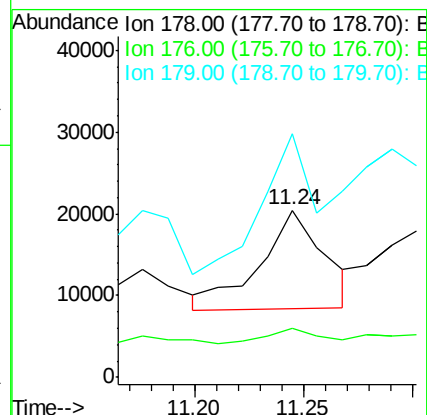
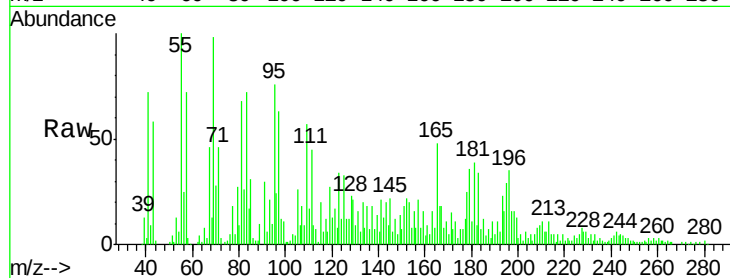
Tgt Ion:178 Resp: 25036

Ion Ratio Lower Upper

178 100

176 29.1 15.6 23.4#

179 145.8 12.8 19.2#



#74

Fluoranthene

Concen: 3.79 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.23 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

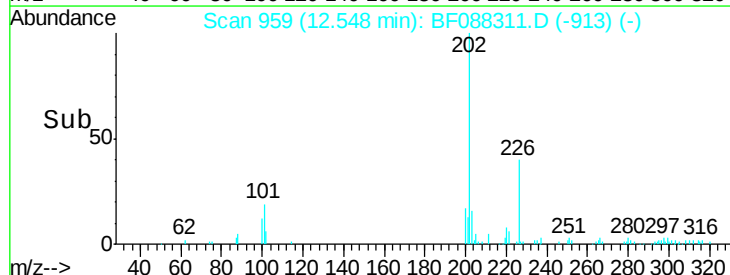
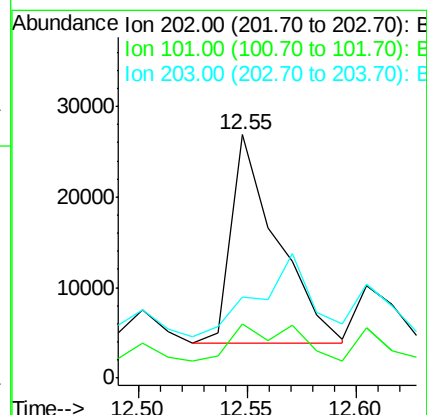
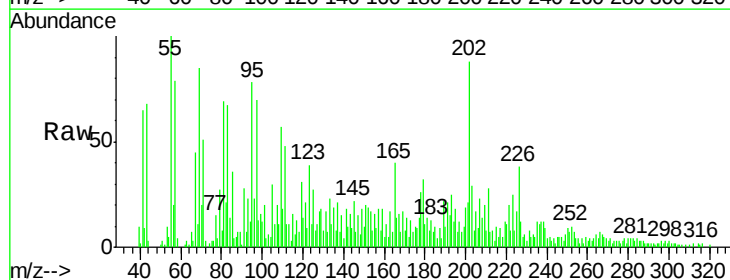
Tgt Ion:202 Resp: 33903

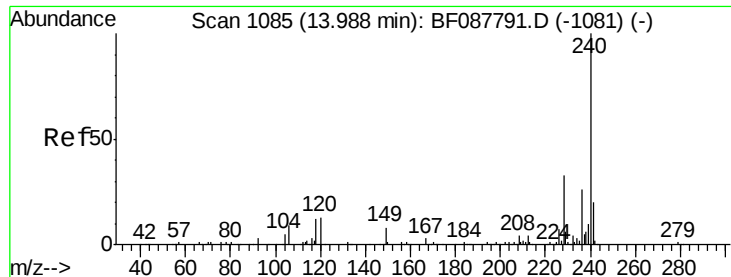
Ion Ratio Lower Upper

202 100

101 22.2 0.0 33.1

203 33.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

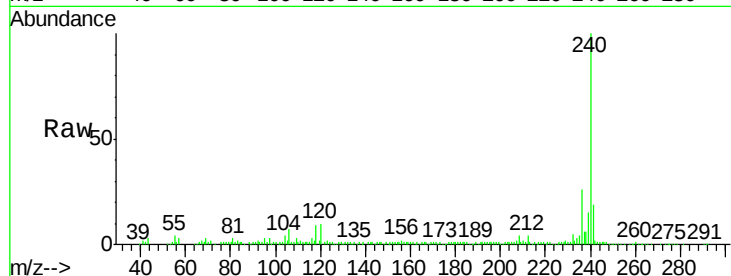
Tgt Ion:240 Resp: 156990

Ion Ratio Lower Upper

240 100 6.8 10.2#

120 10.2 20.2 30.2

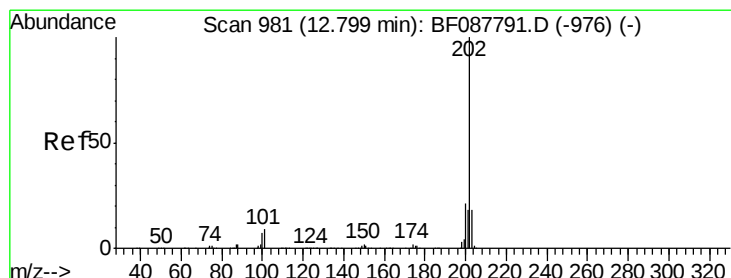
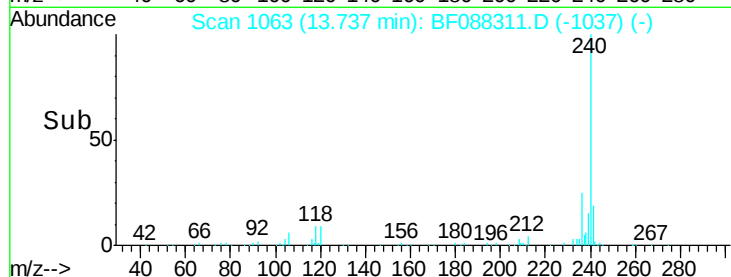
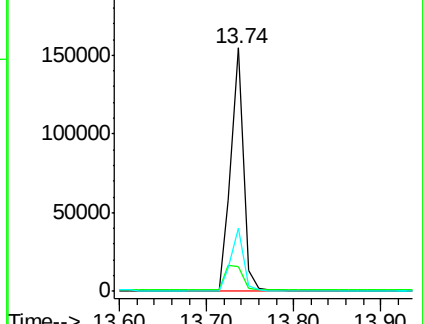
236 25.7 20.2 30.2



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: 2.91 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

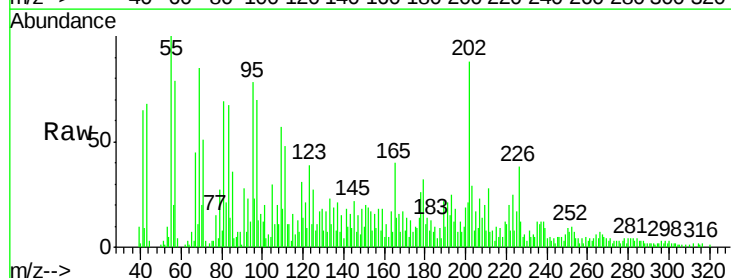
Tgt Ion:202 Resp: 33903

Ion Ratio Lower Upper

202 100 17.4 26.2

200 21.7 14.5 21.7#

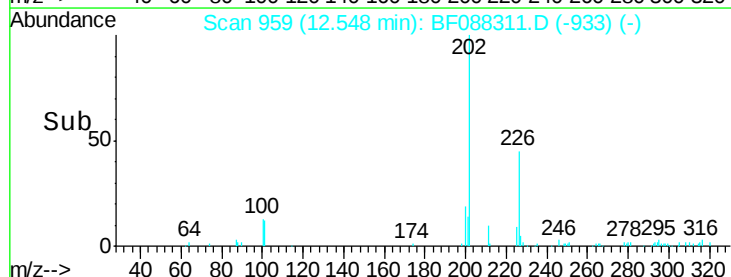
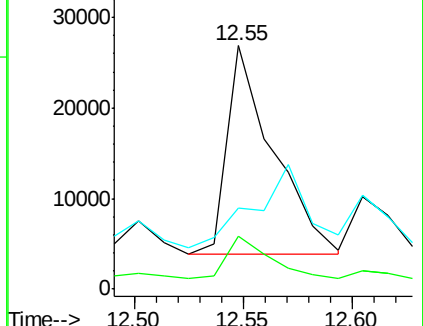
203 33.2 14.5 21.7#

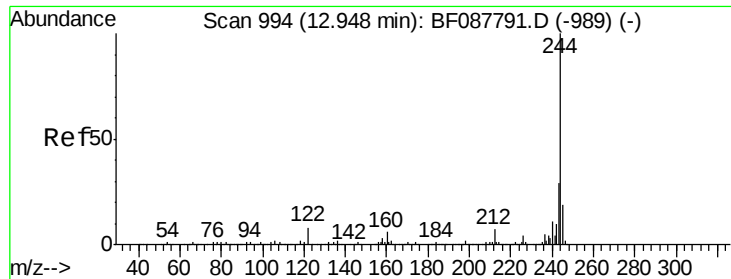


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.78 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

SB-3(3.5-4)

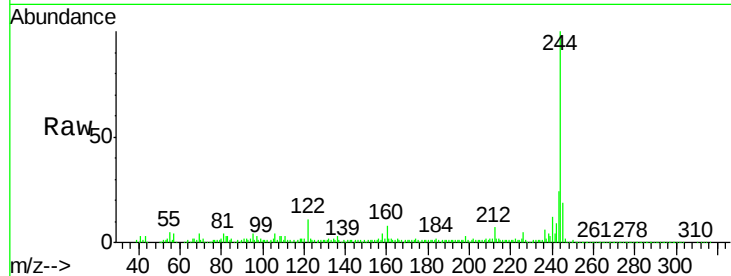
Tgt Ion:244 Resp: 460711

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

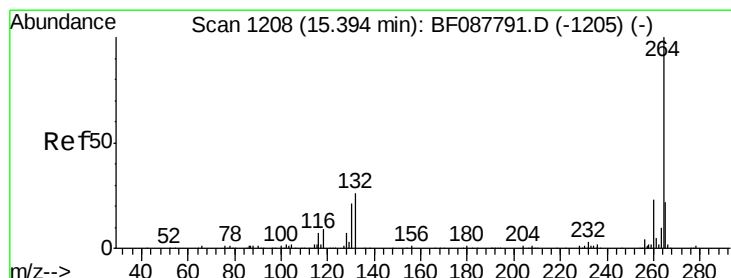
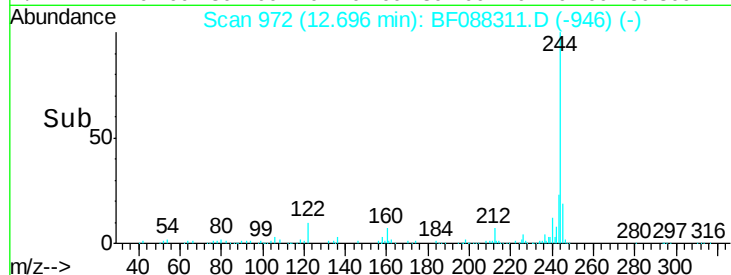
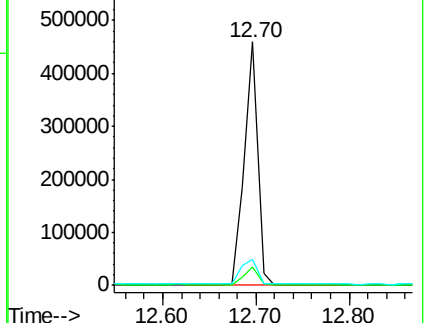
122 10.9 11.2 16.8#



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: 15.09 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF088311.D

Acq: 24 Jun 2016 2:03

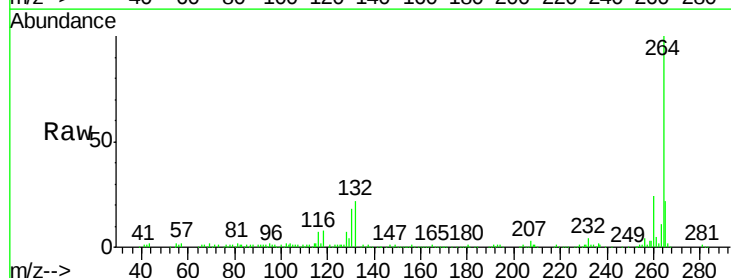
Tgt Ion:264 Resp: 163500

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 16.9 25.3



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

