

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084771.D
 Acq On : 3 Feb 2016 4:22
 Operator : SJ/IZ
 Sample : H1306-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Quant Time: Feb 03 06:26:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170009	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	427499	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	254370	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	474427	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	439582	20.00	ng	-0.02
86) Perylene-d12	15.22	264	355402	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1321678	121.09	ng	0.00
7) Phenol-d6	6.36	99	1660441	122.71	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1073085	141.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	389246	146.70	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1580062	122.78	ng	-0.01
78) Terphenyl-d14	12.82	244	1678014	86.50	ng	-0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.22	77	118202	14.79	ng	# 1
15) Benzyl Alcohol	6.86	79	36585	3.92	ng	# 43
18) Hexachloroethane	7.21	117	130611	25.99	ng	# 1
19) n-Nitroso-di-n-propylamine	7.14	70	125573	14.80	ng	# 73
22) Acetophenone	7.10	105	529633	47.01	ng	# 48
24) Nitrobenzene	7.25	77	134715	16.58	ng	# 34
25) Isophorone	7.53	82	231047	15.66	ng	# 1
26) 2-Nitrophenol	7.63	139	28784	7.18	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	39368	5.65	ng	# 89
28) bis(2-Chloroethoxy)methane	7.74	93	47756	5.46	ng	# 1
29) 2,4-Dichlorophenol	7.86	162	24491	4.11	ng	# 1
30) 1,2,4-Trichlorobenzene	7.90	180	17296	2.57	ng	# 49
31) Naphthalene	8.03	128	914640	42.65	ng	# 80
32) Benzoic acid	7.80	122	40643	9.11	ng	# 45
33) 4-Chloroaniline	8.03	127	317601	35.81	ng	# 66
35) Caprolactam	8.45	113	431087	234.47	ng	# 1
36) 4-Chloro-3-methylphenol	8.53	107	70953	10.43	ng	# 42
37) 2-Methylnaphthalene	8.73	142	2600277	193.75	ng	# 95
42) 2,4,6-Trichlorophenol	9.01	196	10843	2.08	ng	# 12
45) 1,1'-Biphenyl	9.18	154	346384	15.25	ng	# 98
47) 2-Nitroaniline	9.24	65	55358	10.45	ng	# 40
48) Acenaphthylene	9.63	152	111903	4.41	ng	# 1
50) 2,6-Dinitrotoluene	9.54	165	12813	3.03	ng	# 1
51) Acenaphthene	9.79	154	197641	11.96	ng	# 90
52) 3-Nitroaniline	9.74	138	23868	5.02	ng	# 47
53) 2,4-Dinitrophenol	9.81	184	746	6.16	ng	# 1
54) Dibenzofuran	9.96	168	129900	6.43	ng	# 3
55) 4-Nitrophenol	9.87	139	165207	47.27	ng	# 66
56) 2,4-Dinitrotoluene	9.97	165	75120	13.92	ng	# 54
57) Fluorene	10.30	166	372156	22.07	ng	# 88
60) 4-Chlorophenyl-phenylether	10.25	204	15387	Below	Cal	# 1
62) Azobenzene	10.45	77	59026	3.24	ng	# 1
65) n-Nitrosodiphenylamine	10.42	169	741224	49.20	ng	# 54
68) Atrazine	10.93	200	20652	4.34	ng	# 5

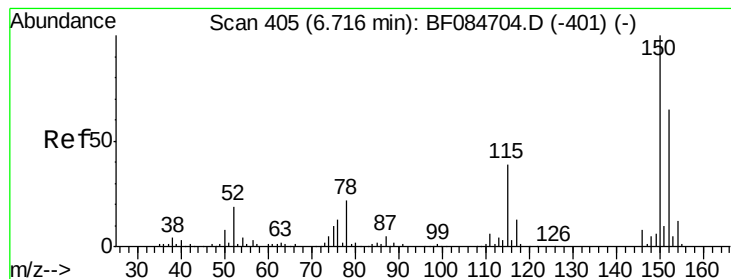
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
Data File : BF084771.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	11.26	178	1325813	50.38	ng	# 95
71) Anthracene	11.26	178	1325813	50.00	ng	96
72) Carbazole	11.47	167	139908	6.05	ng	# 49
74) Fluoranthene	12.66	202	208739	7.84	ng	85
76) Benzidine	12.53	184	2755	7.01	ng	# 1
77) Pyrene	12.66	202	239561	7.12	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

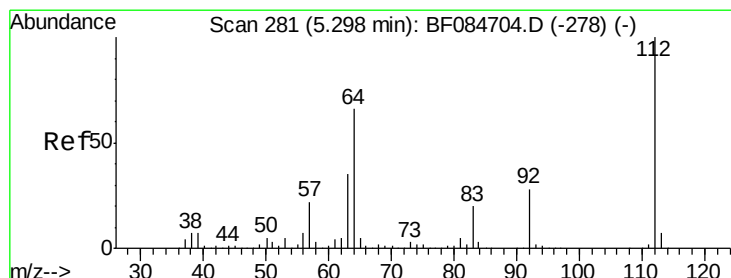
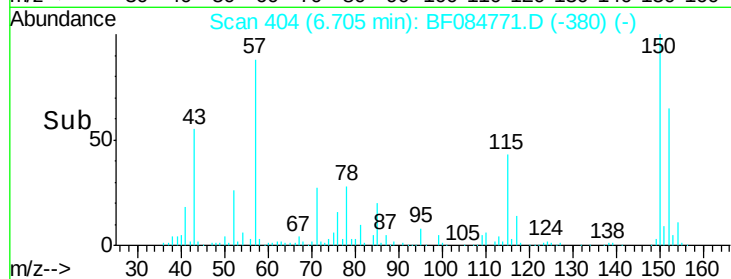
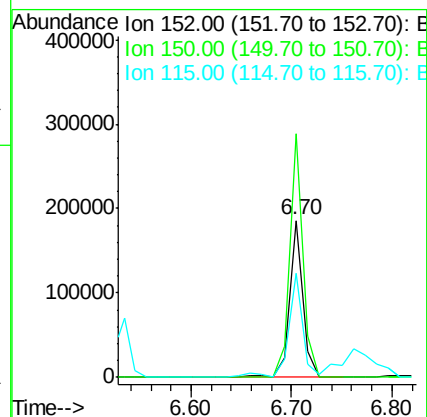
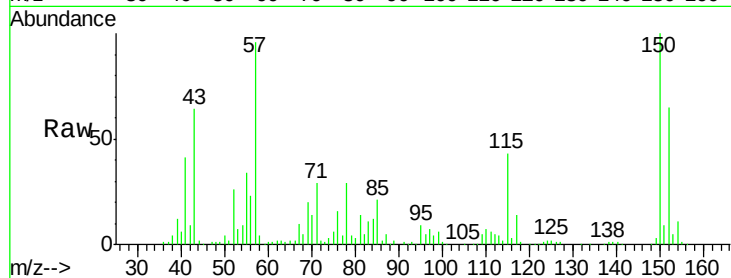
Tgt Ion:152 Resp: 170009

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

115 66.4 51.4 77.2



#5

2-Fluorophenol

Concen: 121.09 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

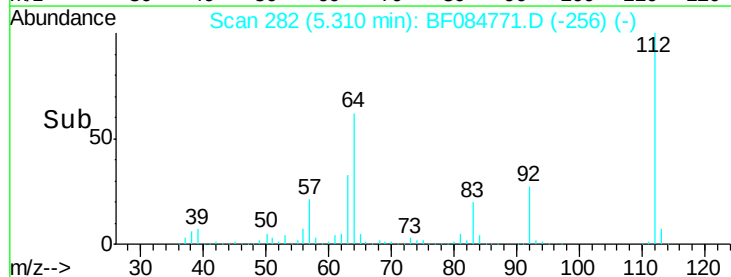
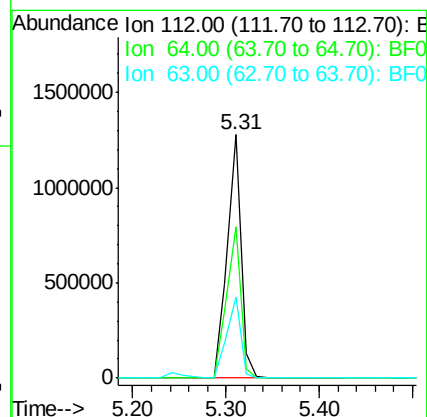
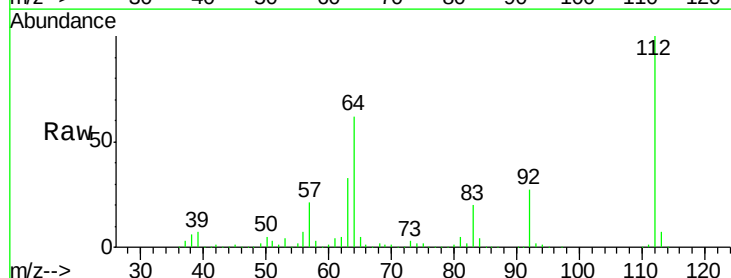
Tgt Ion:112 Resp: 1321678

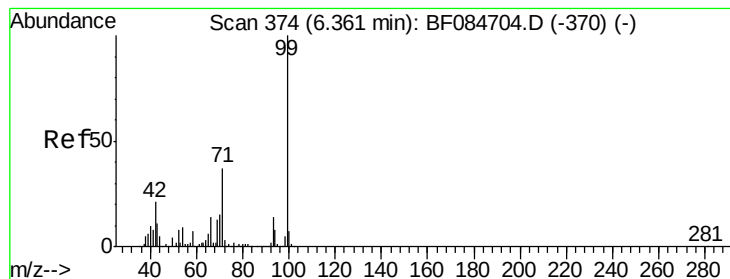
Ion Ratio Lower Upper

112 100

64 62.3 36.6 55.0#

63 33.3 19.4 29.0#





#7

Phenol-d6

Concen: 122.71 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

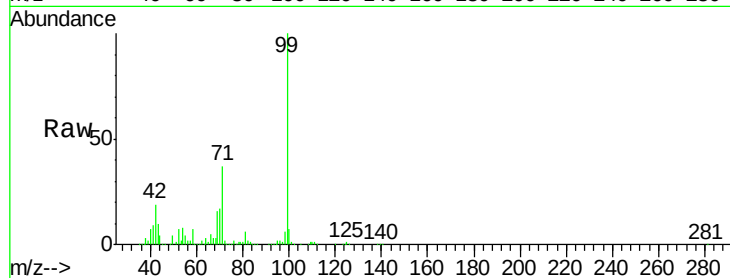
Tgt Ion: 99 Resp: 1660441

Ion Ratio Lower Upper

99 100

42 19.4 12.8 19.2#

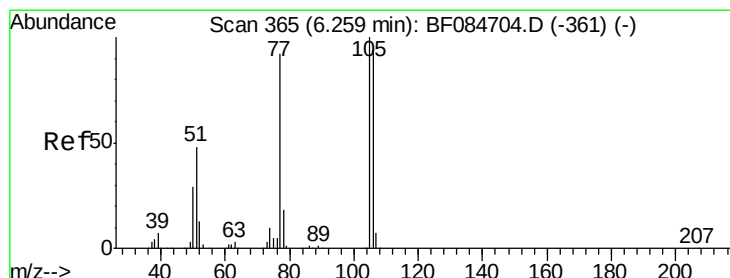
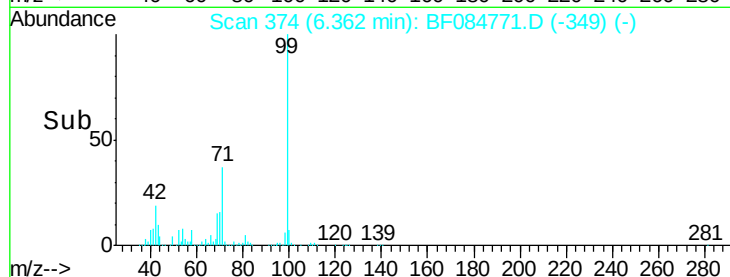
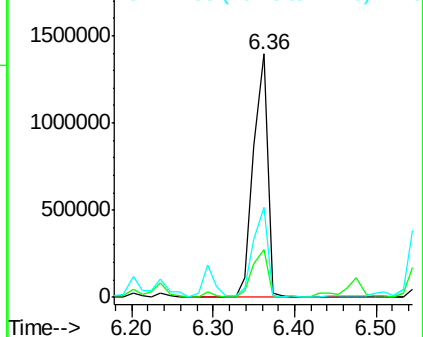
71 37.1 30.9 46.3



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: 14.79 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.05 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

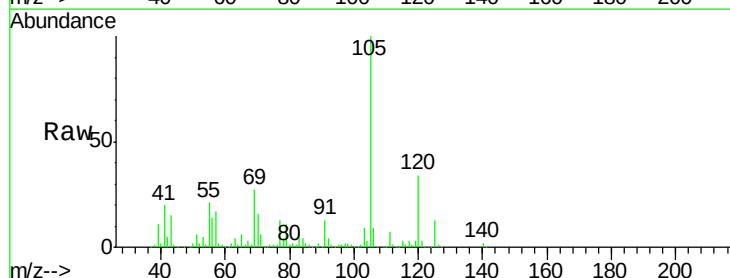
Tgt Ion: 77 Resp: 118202

Ion Ratio Lower Upper

77 100

105 779.6 83.0 123.0#

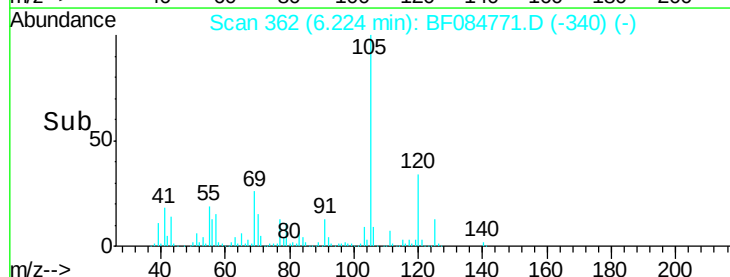
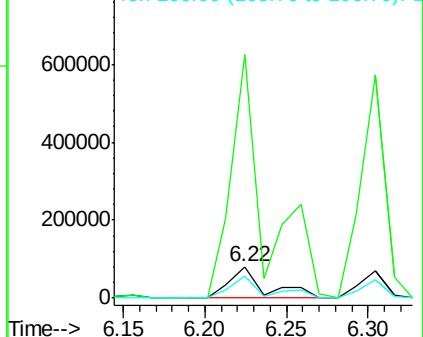
106 69.8 74.6 114.6#

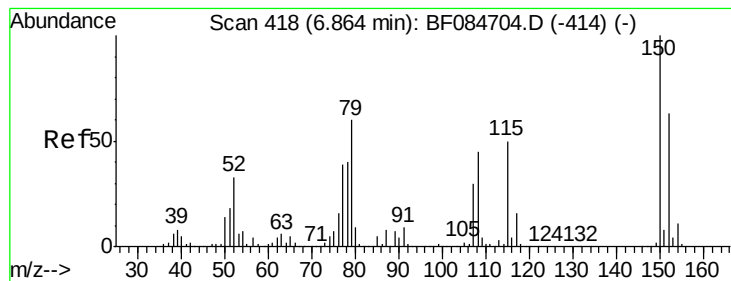


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.92 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

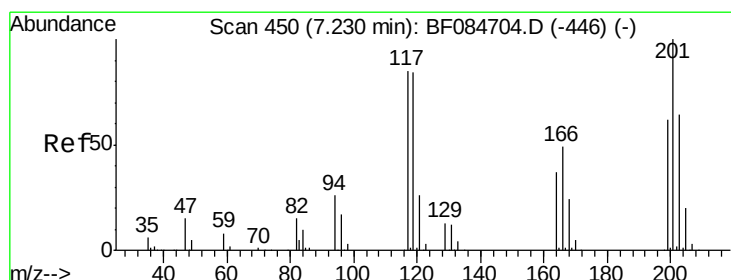
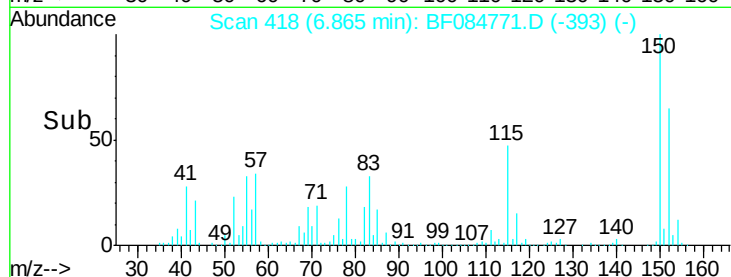
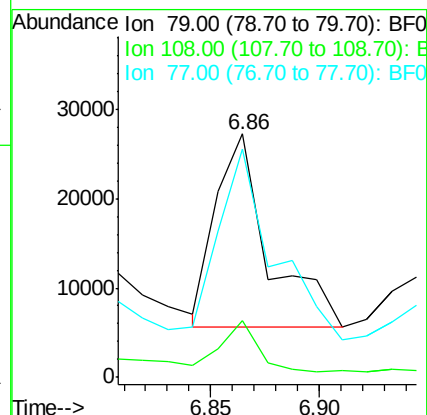
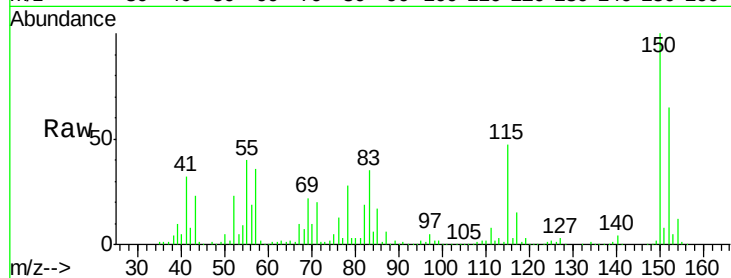
Tgt Ion: 79 Resp: 36585

Ion Ratio Lower Upper

79 100

108 23.1 69.0 103.4#

77 94.0 50.0 75.0#



#18

Hexachloroethane

Concen: 25.99 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

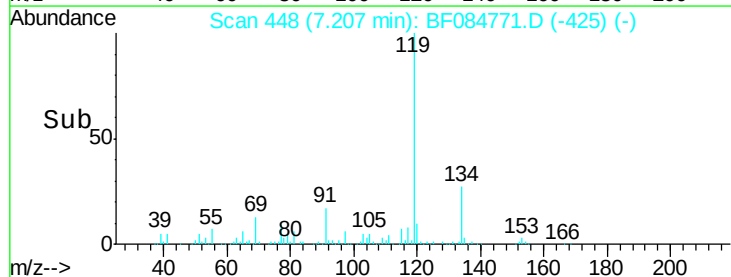
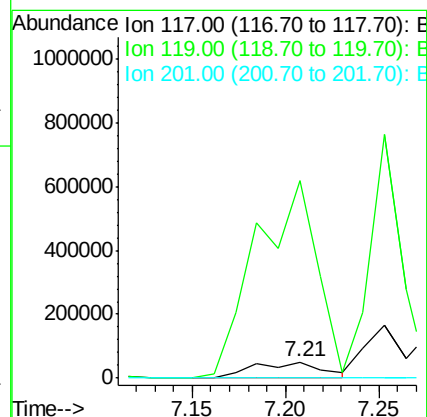
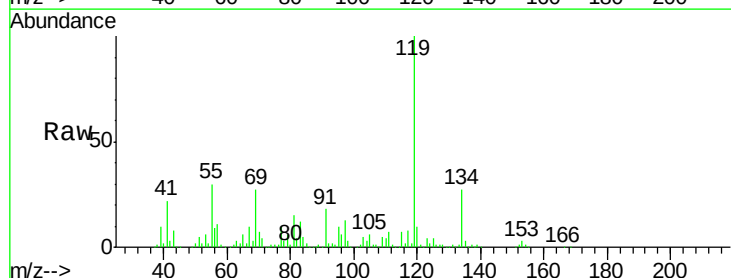
Tgt Ion: 117 Resp: 130611

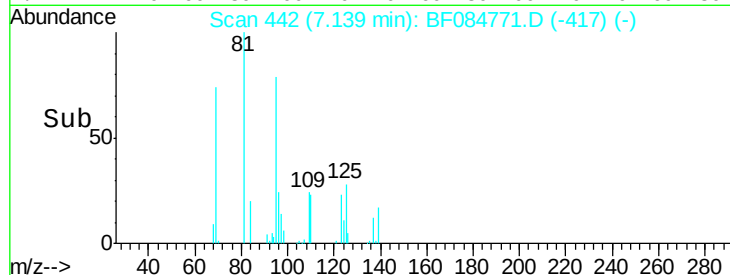
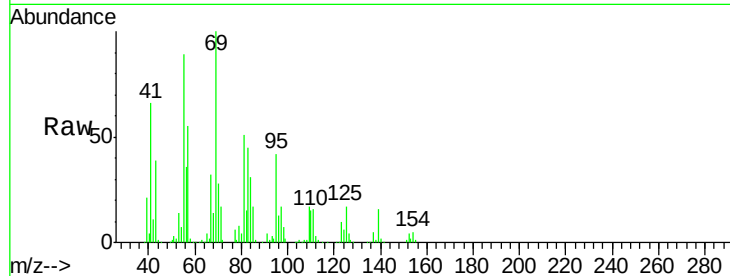
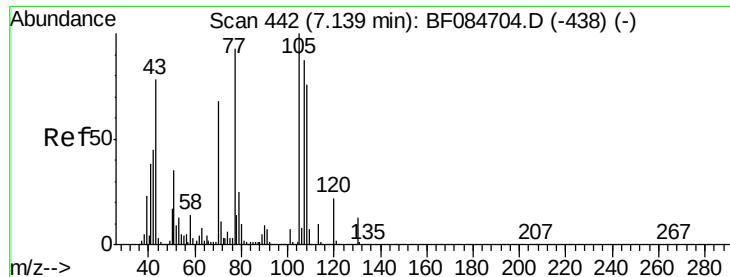
Ion Ratio Lower Upper

117 100

119 1230.5 77.4 116.0#

201 0.0 68.6 103.0#

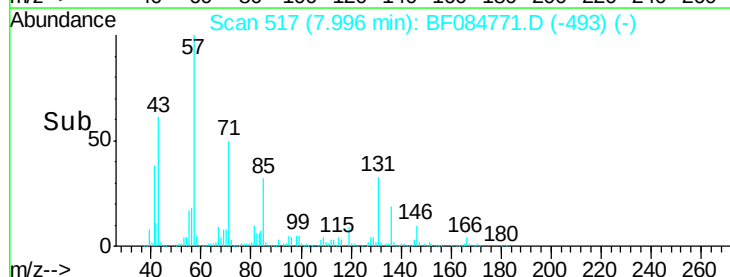
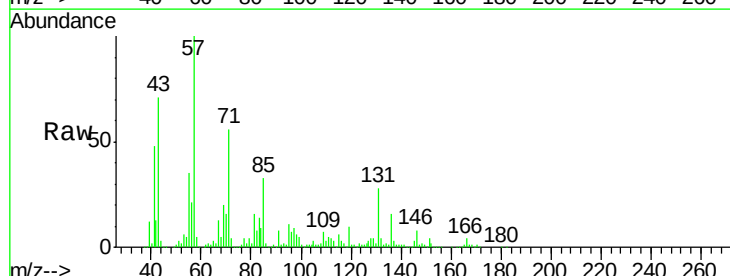
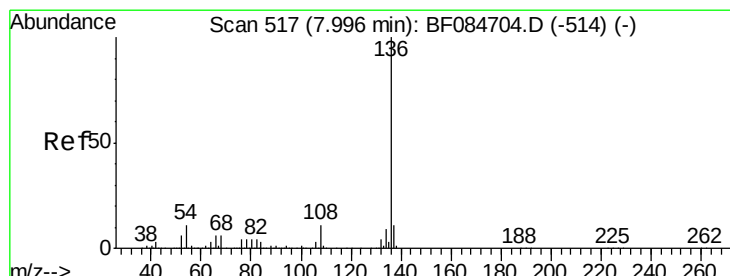
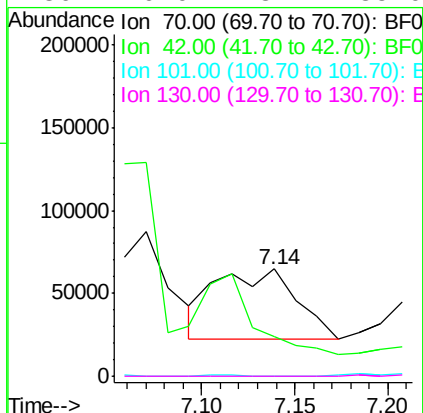




#19
n-Nitroso-di-n-propylamine
Concen: 14.80 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

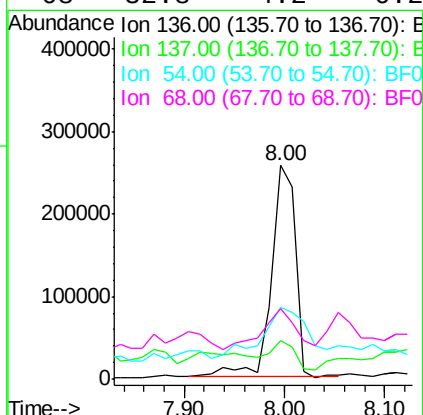
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

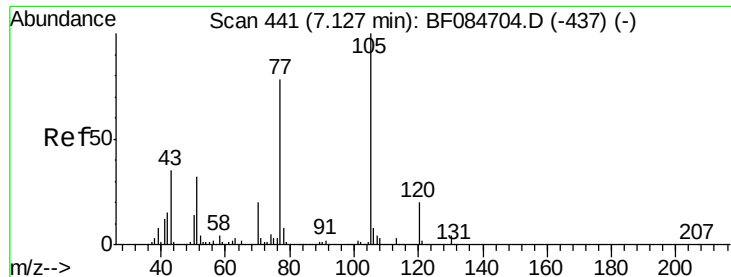
Tgt Ion:	70	Resp:	125573
Ion	Ratio	Lower	Upper
70	100		
42	37.3	33.3	49.9
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion:	136	Resp:	427499
Ion	Ratio	Lower	Upper
136	100		
137	18.3	8.7	13.1#
54	33.7	5.8	8.8#
68	32.8	4.2	6.2#





#22

Acetophenone

Concen: 47.01 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tgt Ion:105 Resp: 529633

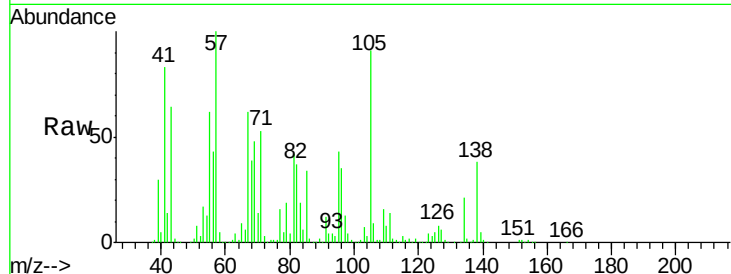
Ion Ratio Lower Upper

105 100

71 58.7 3.7 5.5#

51 8.3 25.1 37.7#

120 0.3 16.6 25.0#

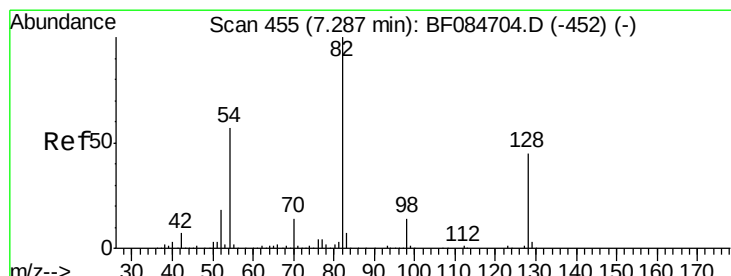
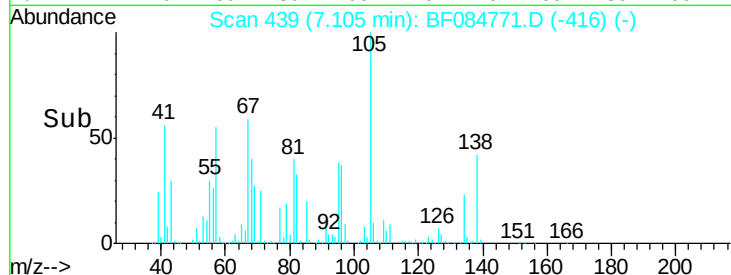
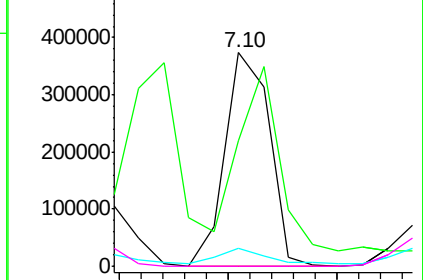


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 141.40 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

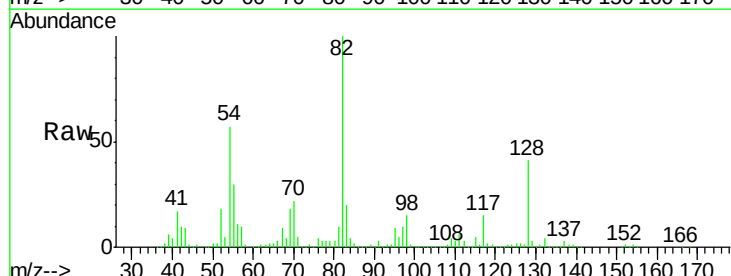
Tgt Ion: 82 Resp: 1073085

Ion Ratio Lower Upper

82 100

128 40.9 34.6 51.8

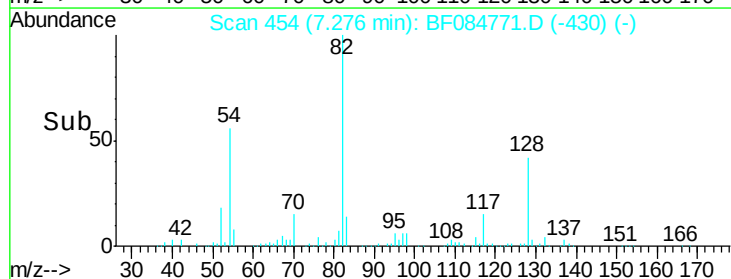
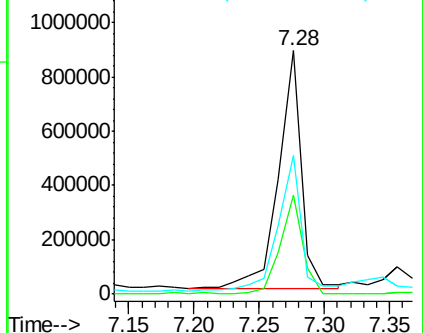
54 56.7 38.4 57.6

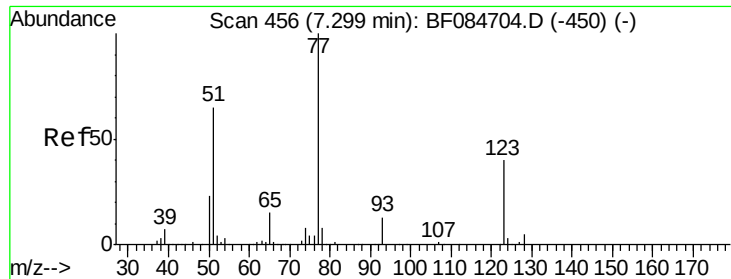


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

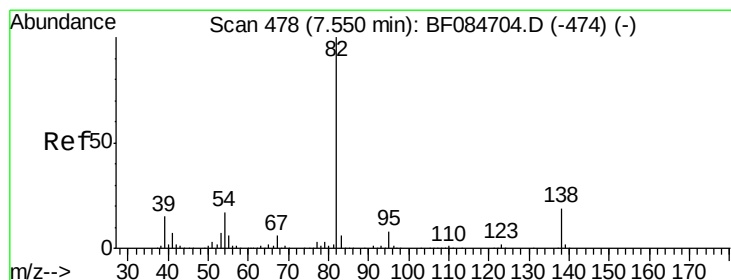
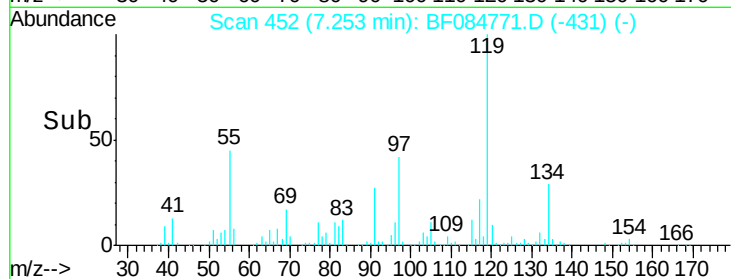
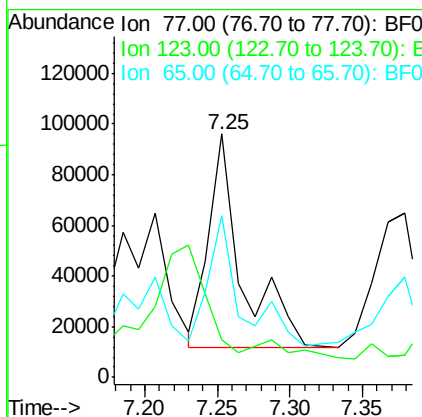
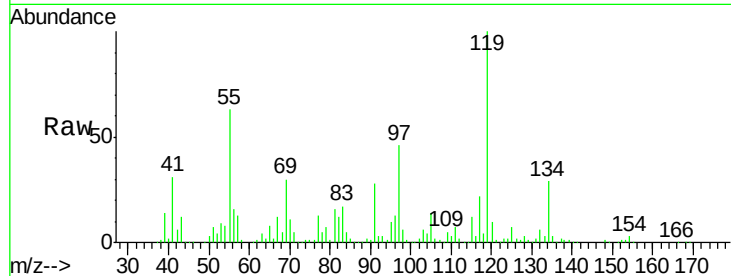




#24
Nitrobenzene
Concen: 16.58 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.06 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

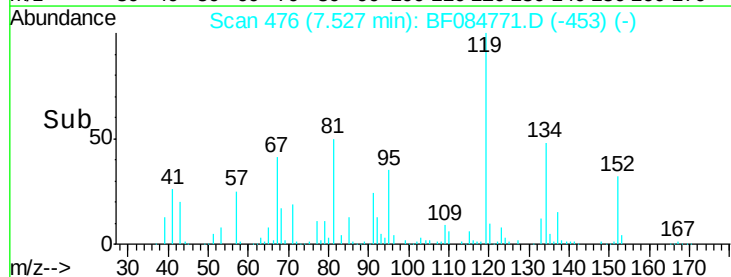
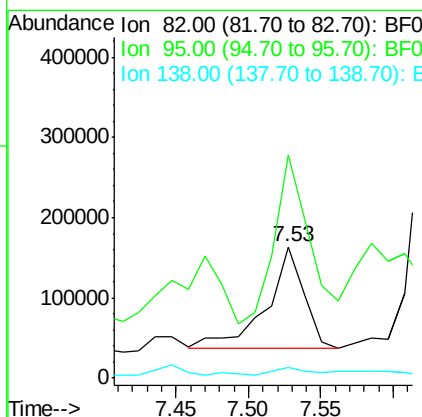
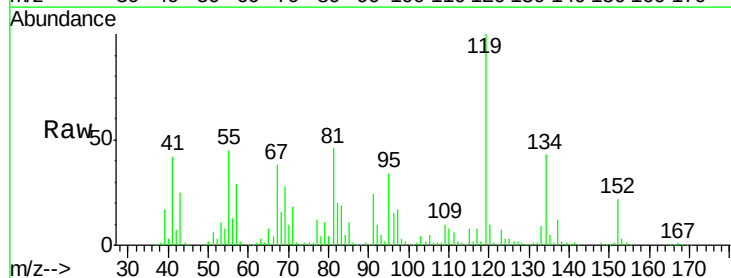
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

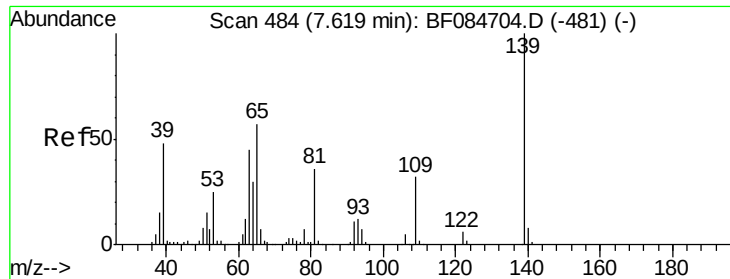
Tgt Ion: 77 Resp: 134715
Ion Ratio Lower Upper
77 100
123 15.2 37.4 56.2#
65 66.3 10.9 16.3#



#25
Isophorone
Concen: 15.66 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion: 82 Resp: 231047
Ion Ratio Lower Upper
82 100
95 169.8 6.6 10.0#
138 8.2 13.6 20.4#





#26

2-Nitrophenol

Concen: 7.18 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

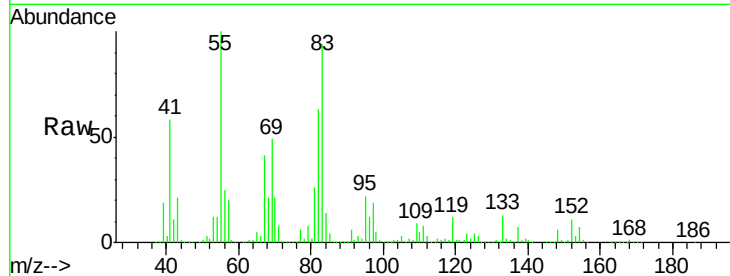
Tgt Ion:139 Resp: 28784

Ion Ratio Lower Upper

139 100

109 431.1 25.4 38.2#

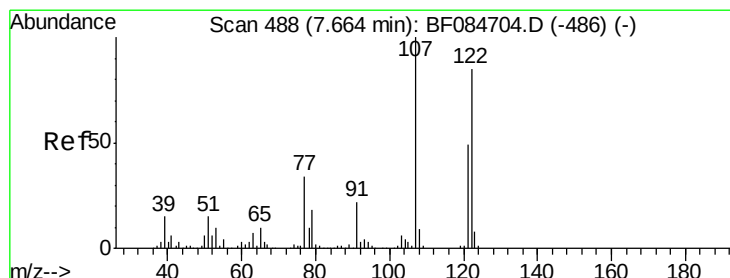
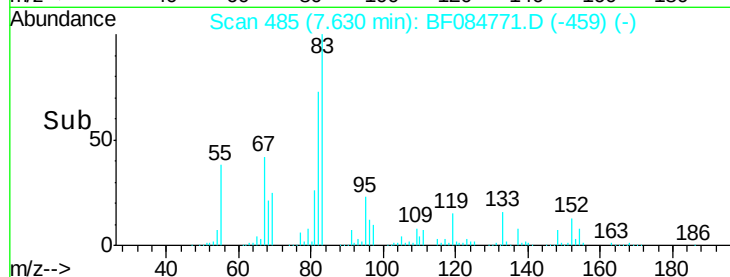
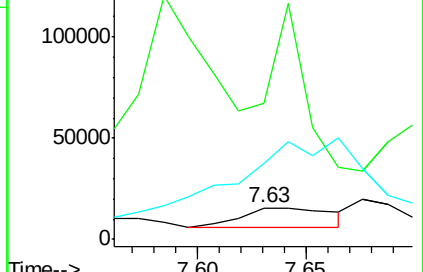
65 239.9 32.3 48.5#



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): E



#27

2,4-Dimethylphenol

Concen: 5.65 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.13 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

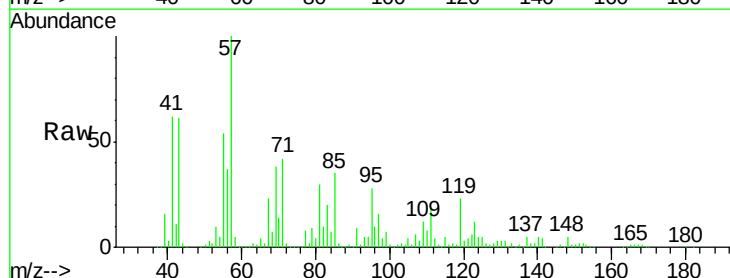
Tgt Ion:122 Resp: 39368

Ion Ratio Lower Upper

122 100

107 110.9 99.1 148.7

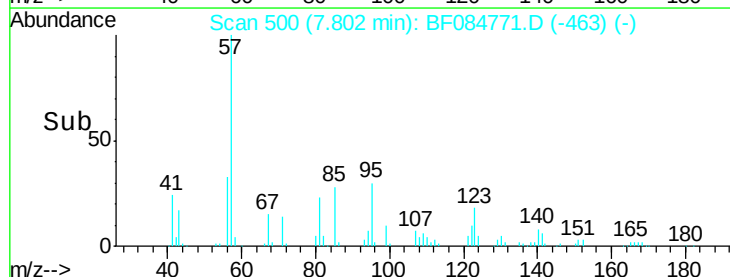
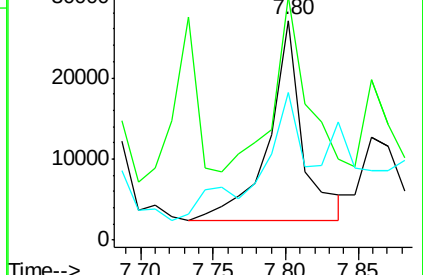
121 67.0 47.9 71.9

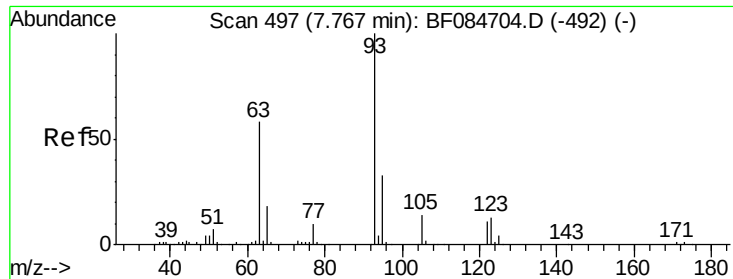


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

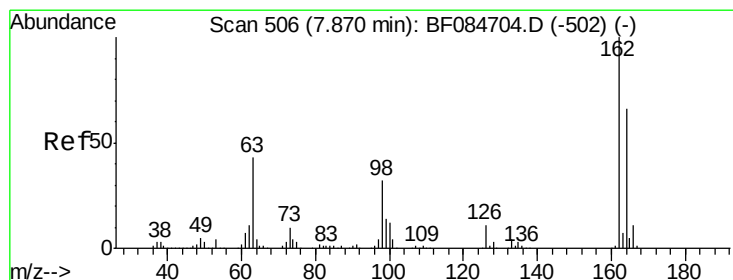
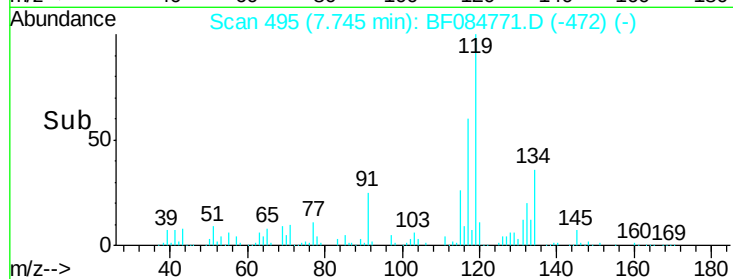
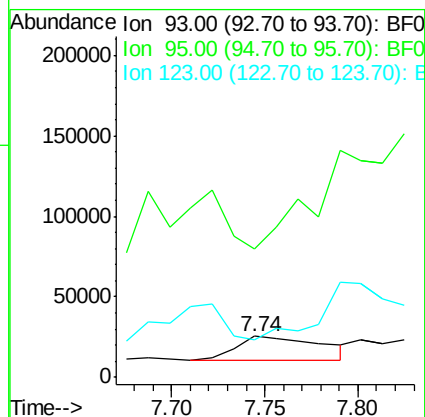
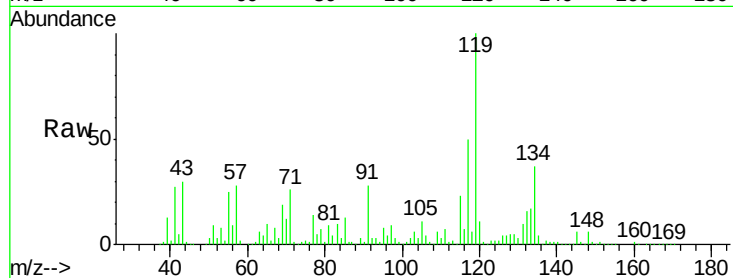




#28
bis(2-Chloroethoxy)methane
Concen: 5.46 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

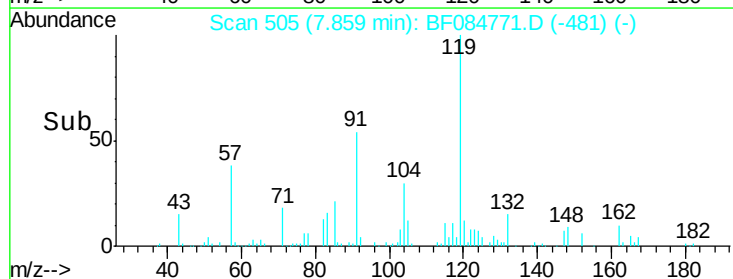
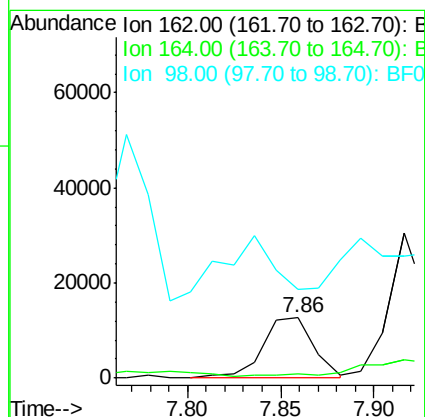
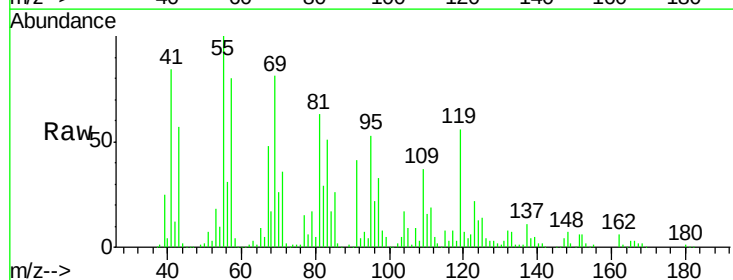
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

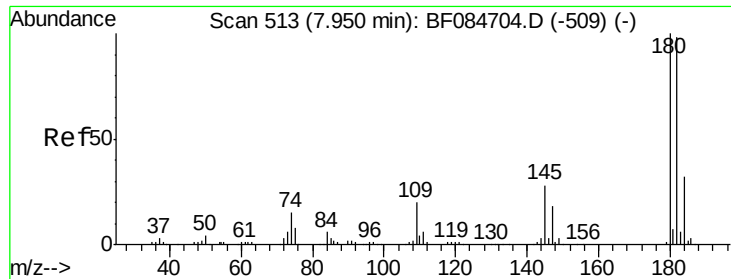
Tgt Ion: 93 Resp: 47756
Ion Ratio Lower Upper
93 100
95 310.9 25.8 38.6#
123 90.7 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 4.11 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion: 162 Resp: 24491
Ion Ratio Lower Upper
162 100
164 7.0 44.1 84.1#
98 146.1 20.2 60.2#

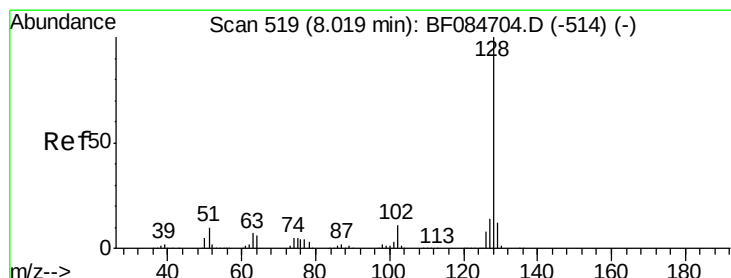
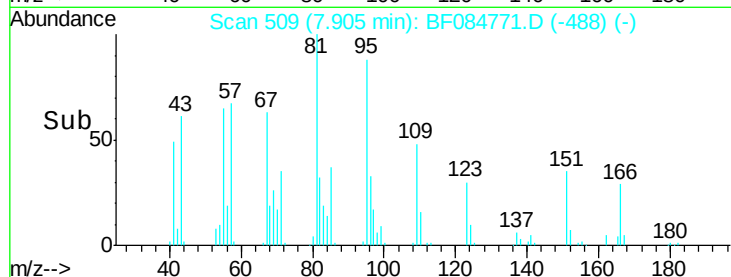
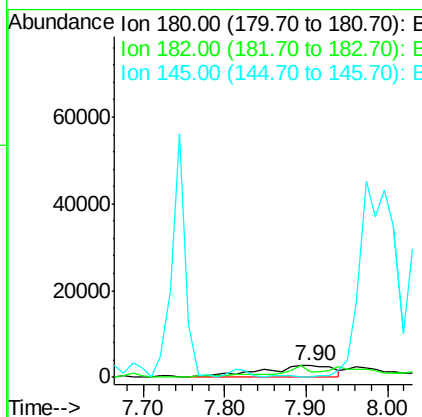
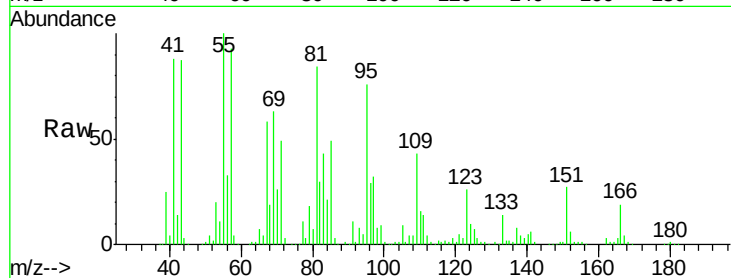




#30
 1,2,4-Trichlorobenzene
 Concen: 2.57 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.06 min
 Lab File: BF084771.D
 Acq: 3 Feb 2016 4:22

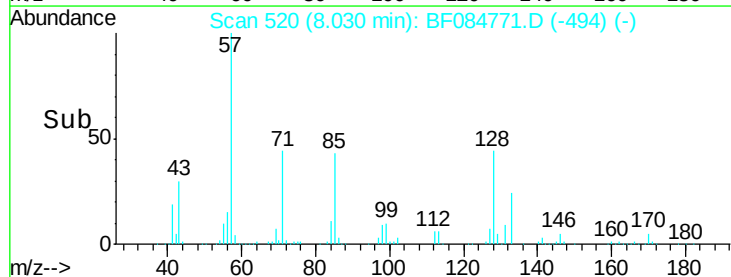
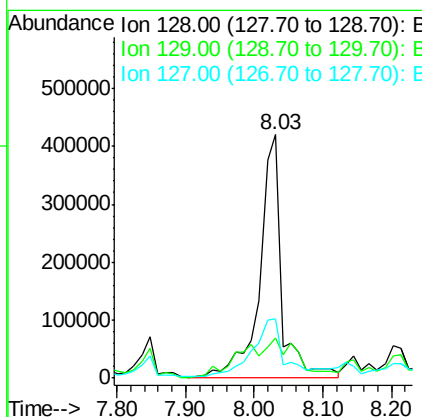
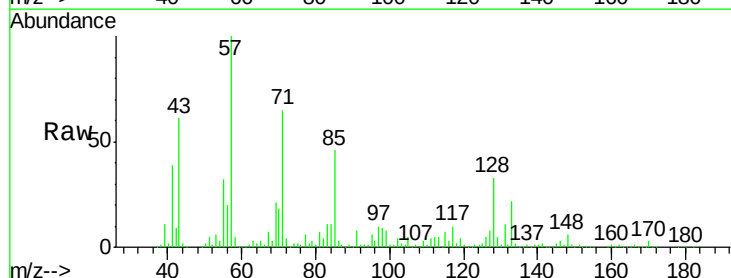
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

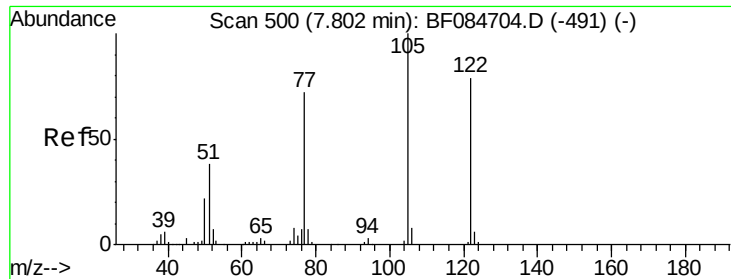
Tgt Ion:180 Resp: 17296
 Ion Ratio Lower Upper
 180 100
 182 51.7 76.4 114.6#
 145 0.0 31.6 47.4#



#31
 Naphthalene
 Concen: 42.65 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF084771.D
 Acq: 3 Feb 2016 4:22

Tgt Ion:128 Resp: 914640
 Ion Ratio Lower Upper
 128 100
 129 16.3 9.1 13.7#
 127 24.2 11.1 16.7#





#32

Benzoic acid

Concen: 9.11 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

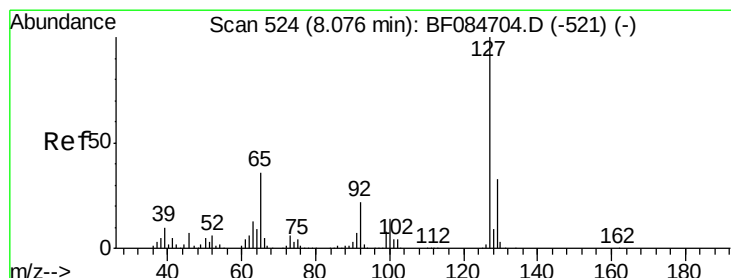
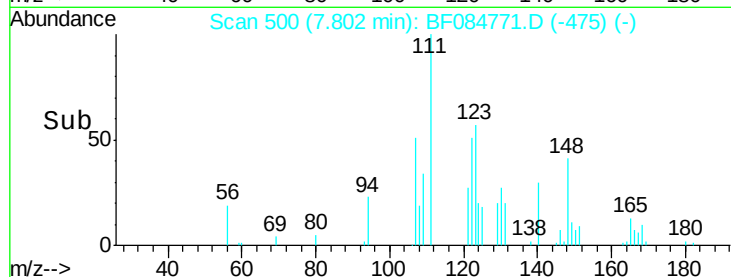
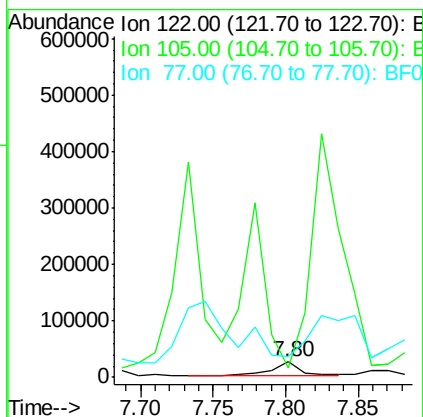
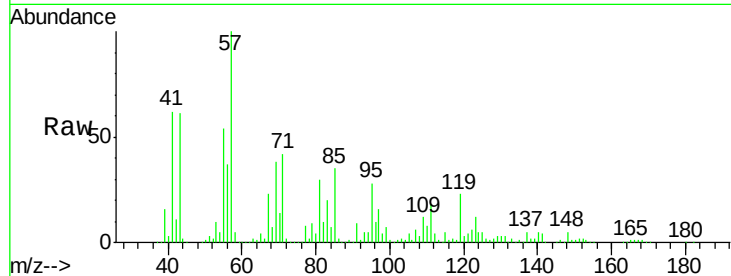
Tgt Ion:122 Resp: 40643

Ion Ratio Lower Upper

122 100

105 63.8 100.3 140.3#

77 138.9 63.5 103.5#



#33

4-Chloroaniline

Concen: 35.81 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion:127 Resp: 317601

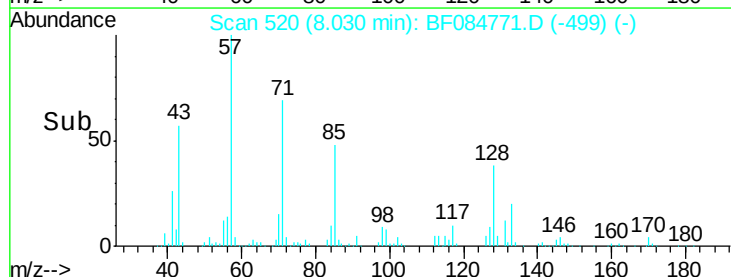
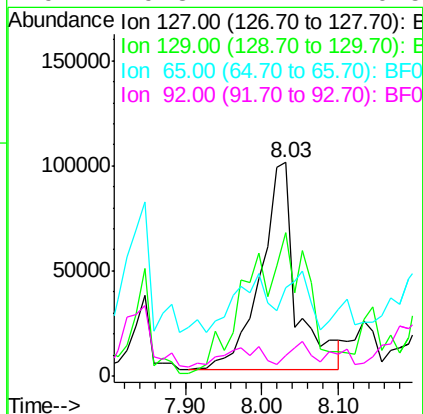
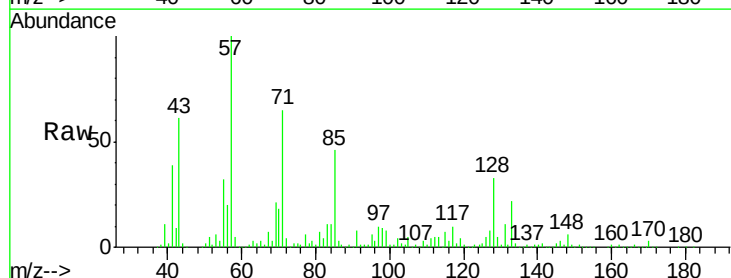
Ion Ratio Lower Upper

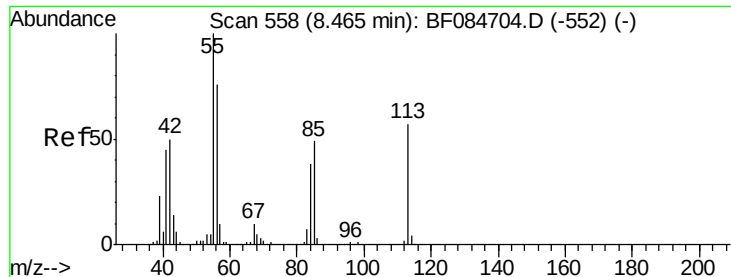
127 100

129 67.3 26.5 39.7#

65 41.6 27.2 40.8#

92 9.8 17.7 26.5#





#35

Caprolactam

Concen: 234.47 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

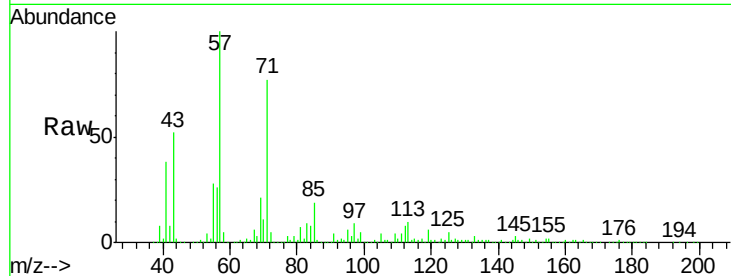
Tgt Ion:113 Resp: 431087

Ion Ratio Lower Upper

113 100

55 281.9 116.9 156.9#

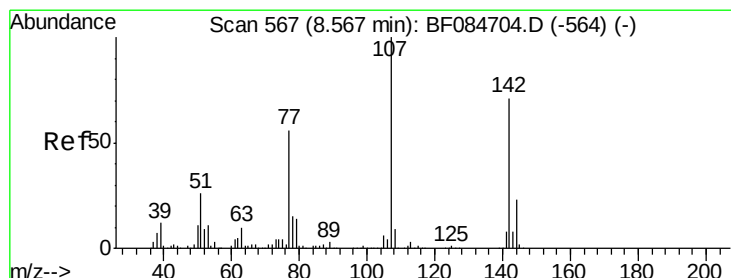
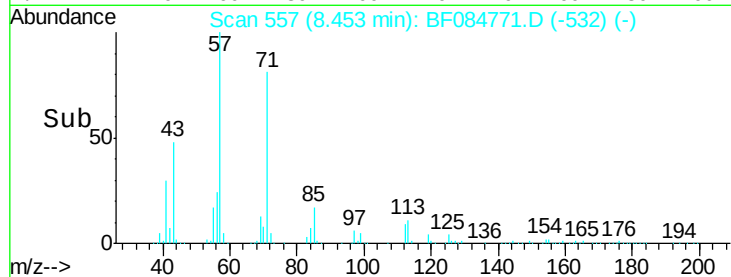
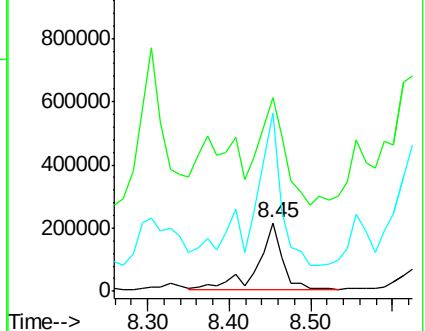
56 260.5 93.8 133.8#



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: 10.43 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.05 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

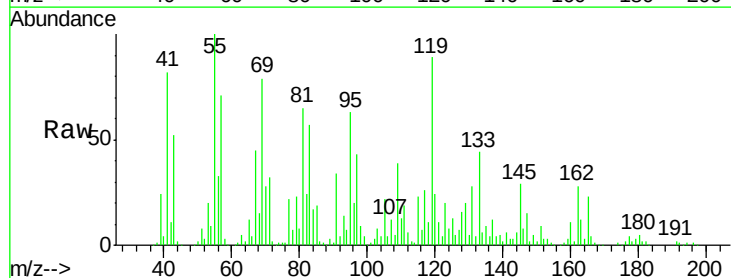
Tgt Ion:107 Resp: 70953

Ion Ratio Lower Upper

107 100

144 50.4 19.7 29.5#

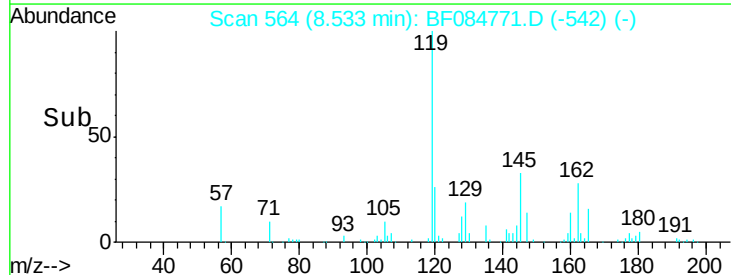
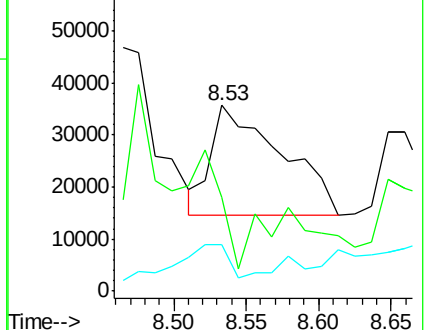
142 24.9 61.8 92.6#

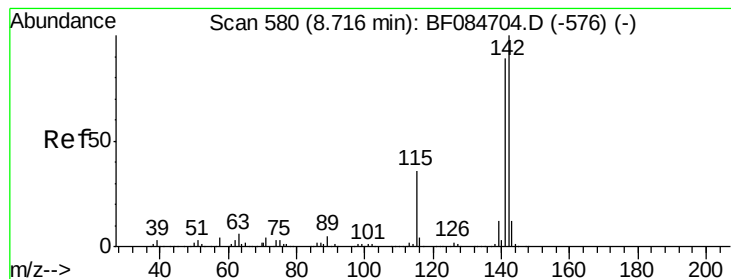


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 193.75 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

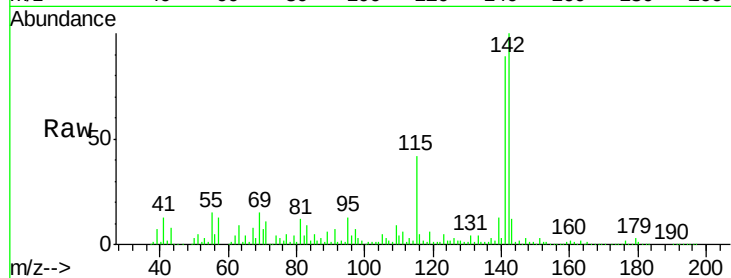
Tgt Ion:142 Resp: 2600277

Ion Ratio Lower Upper

142 100

141 89.2 72.4 108.6

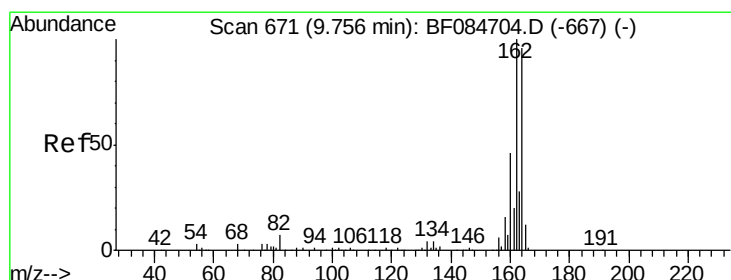
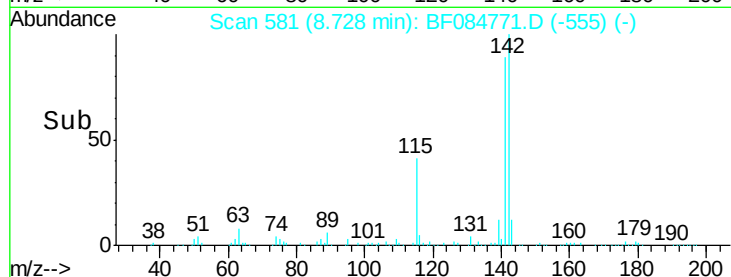
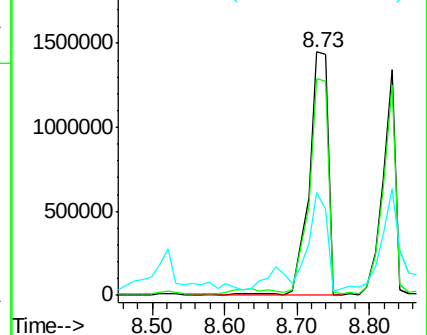
115 42.2 27.9 41.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

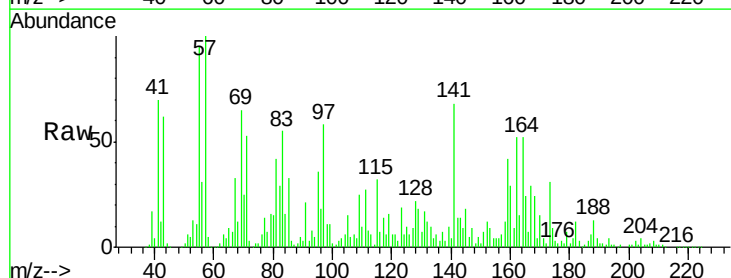
Tgt Ion:164 Resp: 254370

Ion Ratio Lower Upper

164 100

162 98.8 85.1 127.7

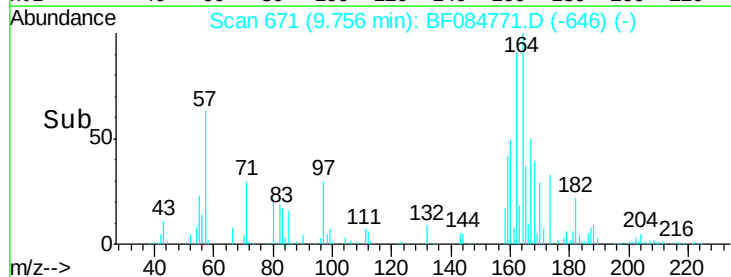
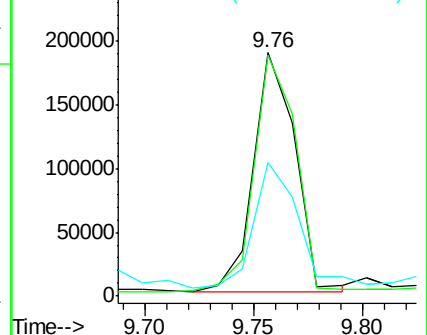
160 54.6 37.5 56.3

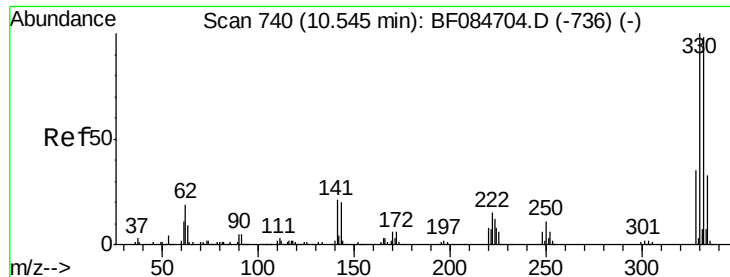


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

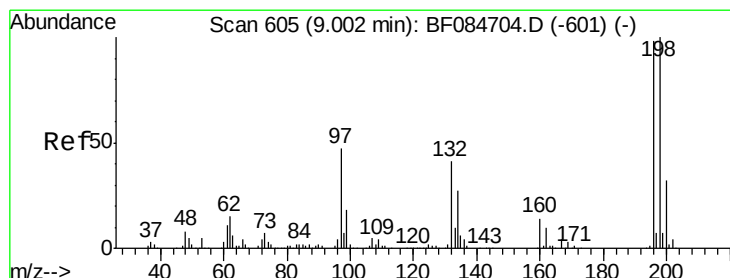
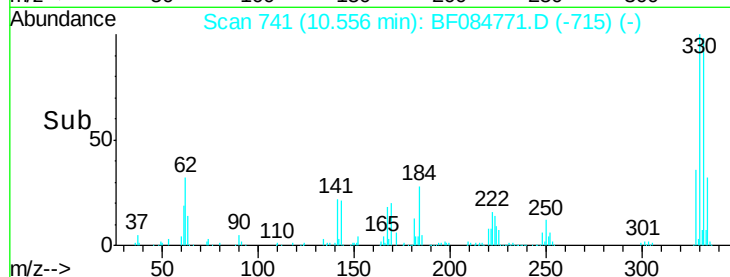
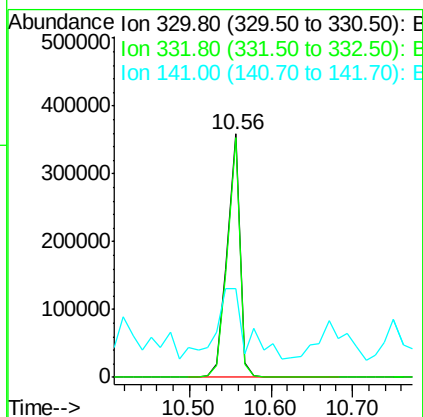
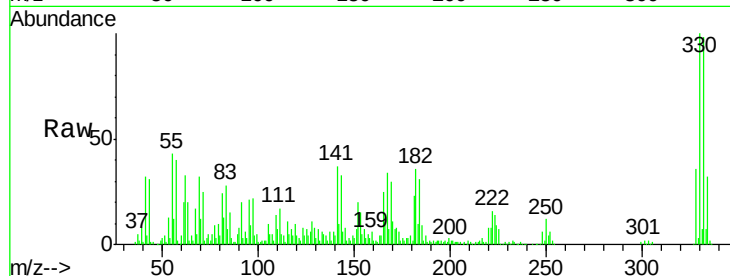




#41
 2,4,6-Tribromophenol
 Concen: 146.70 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084771.D
 Acq: 3 Feb 2016 4:22

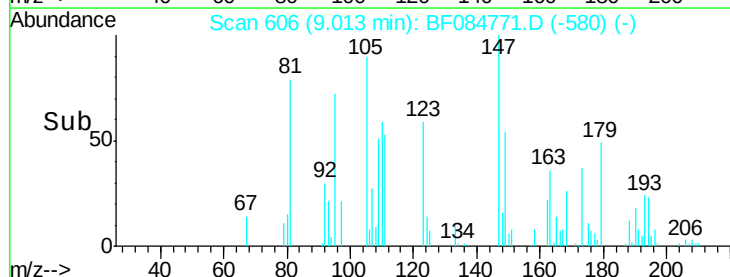
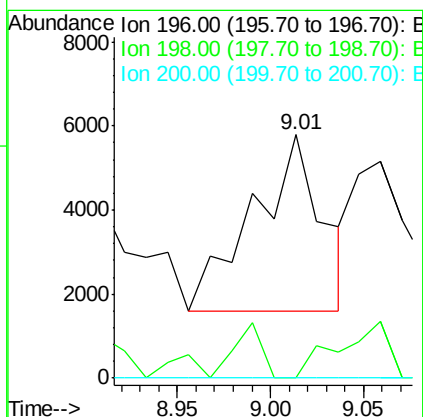
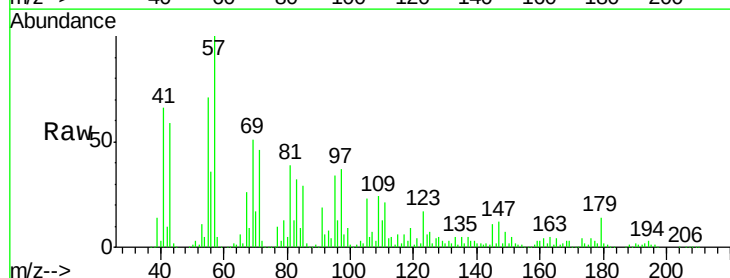
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

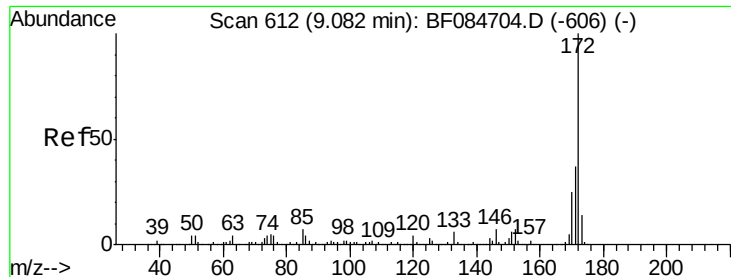
Tgt Ion:330 Resp: 389246
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 59.9 27.8 41.6#



#42
 2,4,6-Trichlorophenol
 Concen: 2.08 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084771.D
 Acq: 3 Feb 2016 4:22

Tgt Ion:196 Resp: 10843
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.7 116.5#
 200 0.0 24.6 37.0#





#44

2-Fluorobiphenyl

Concen: 122.78 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

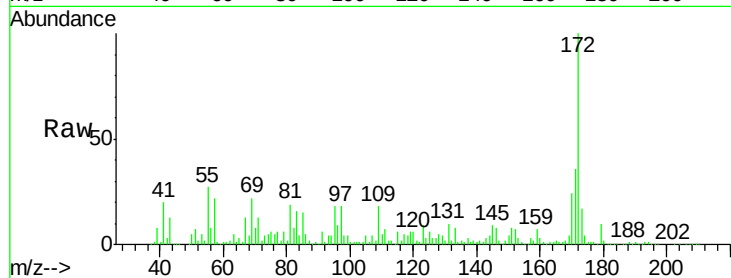
Tgt Ion:172 Resp: 1580062

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

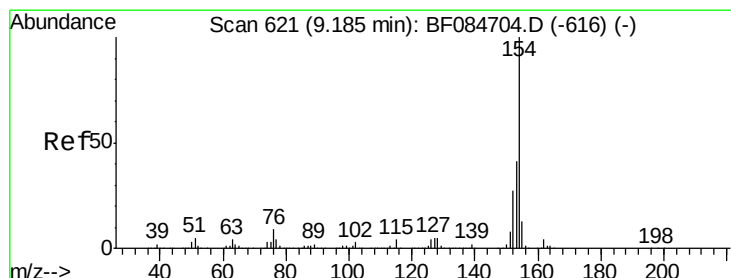
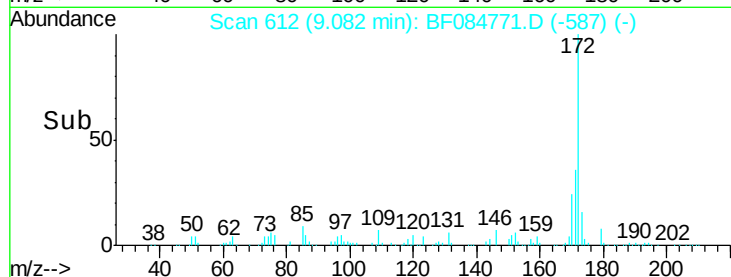
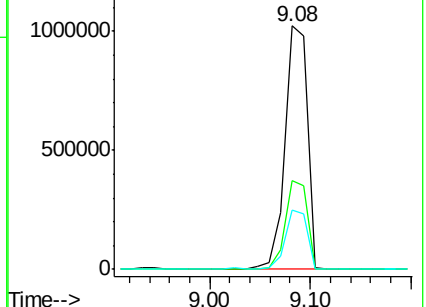
170 24.3 18.6 27.8



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: 15.25 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

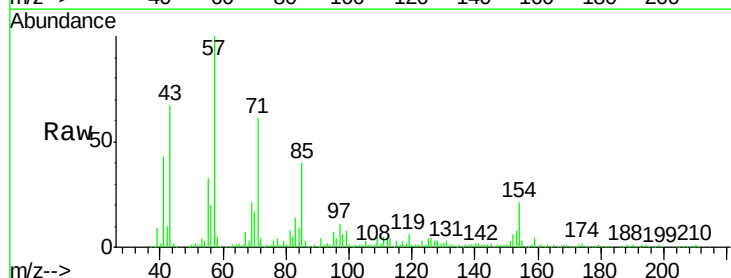
Tgt Ion:154 Resp: 346384

Ion Ratio Lower Upper

154 100

153 40.2 21.6 61.6

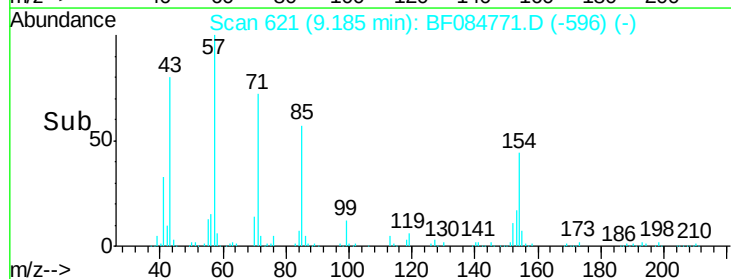
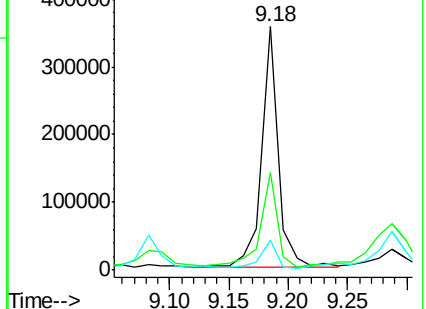
76 12.1 0.0 32.7

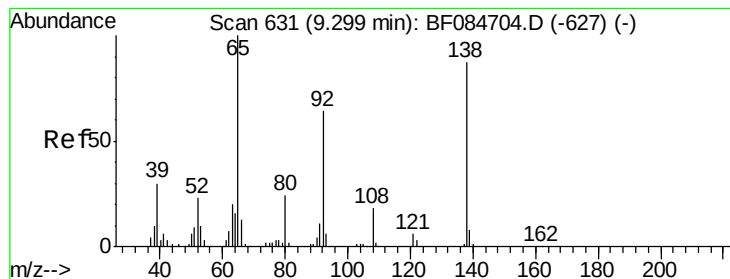


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 10.45 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.07 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

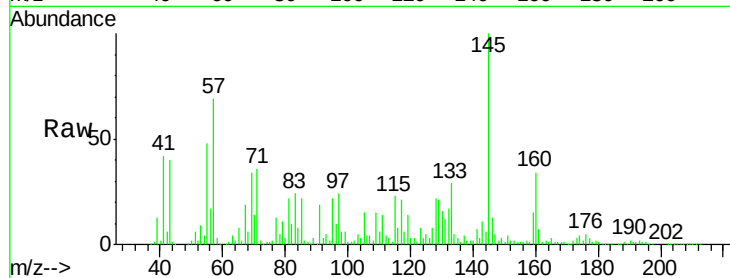
Tgt Ion: 65 Resp: 55358

Ion Ratio Lower Upper

65 100

92 33.4 53.4 80.2#

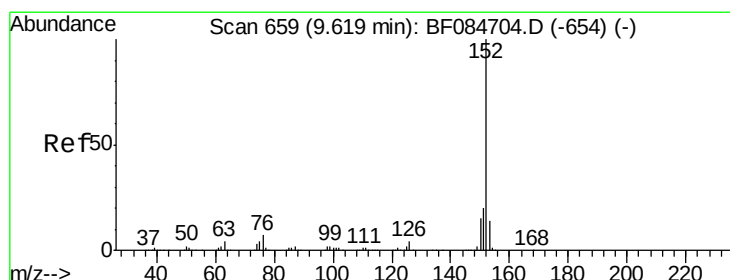
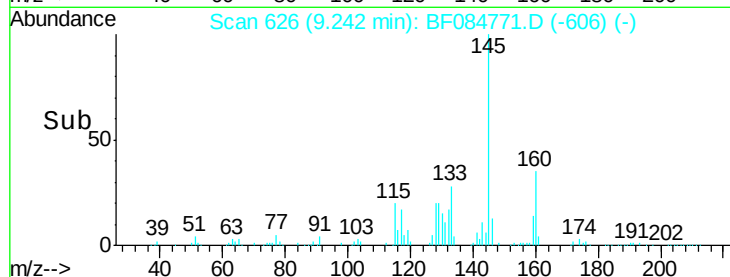
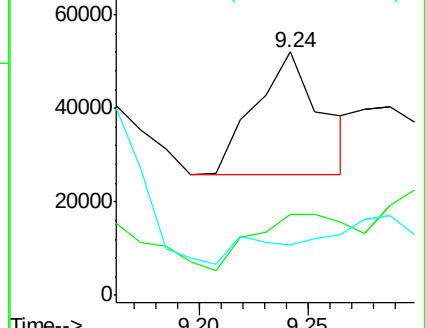
138 20.6 71.1 106.7#



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): BF0



#48

Acenaphthylene

Concen: 4.41 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

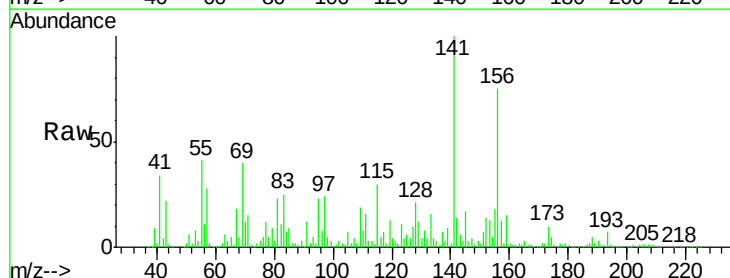
Tgt Ion: 152 Resp: 111903

Ion Ratio Lower Upper

152 100

151 48.0 16.3 24.5#

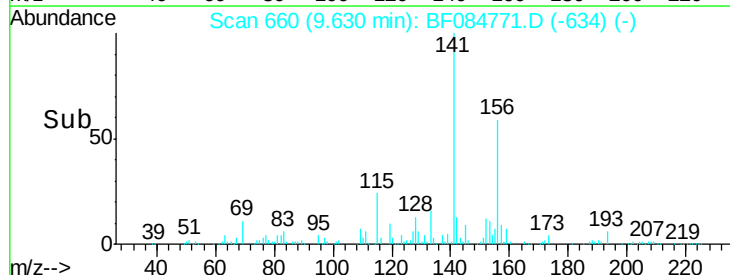
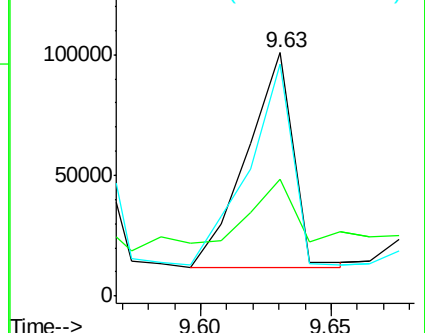
153 95.2 10.4 15.6#

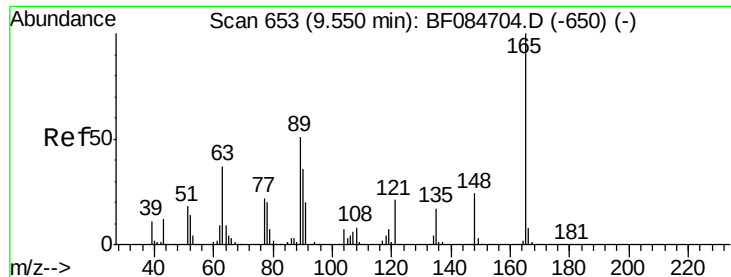


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

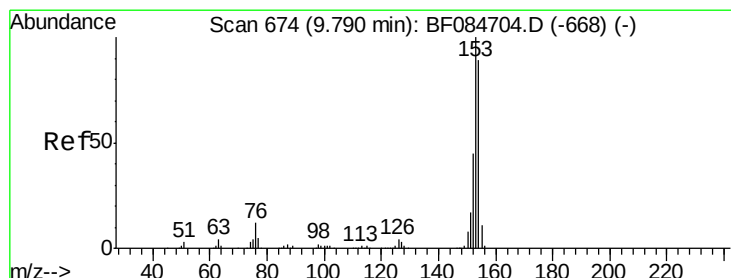
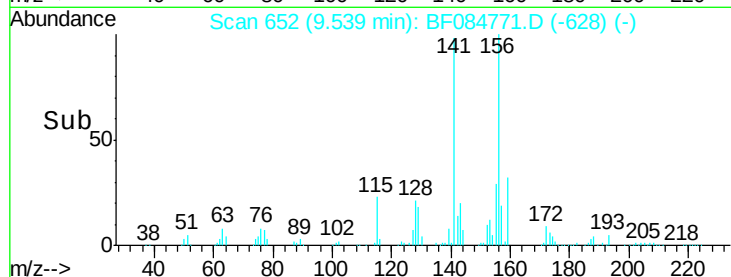
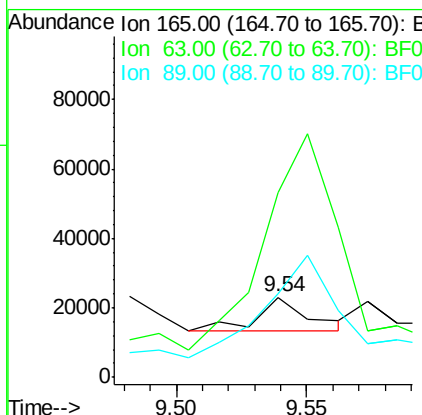
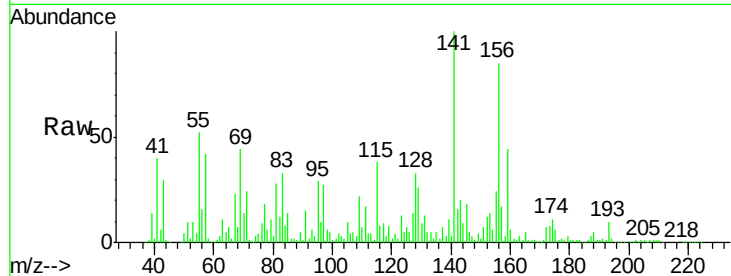




#50
2,6-Dinitrotoluene
Concen: 3.03 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

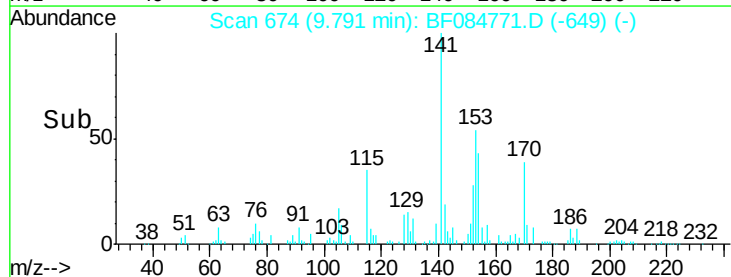
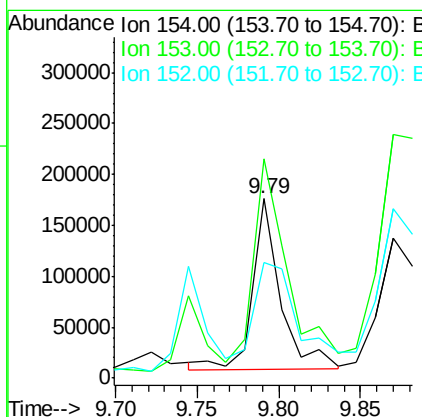
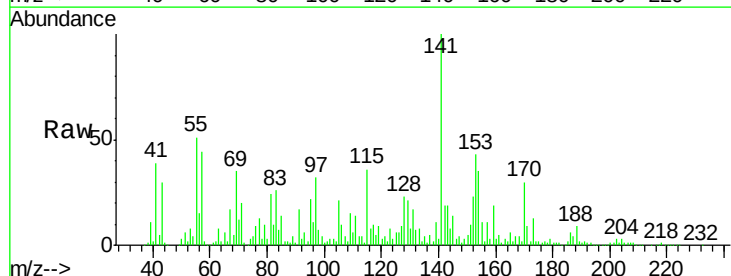
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

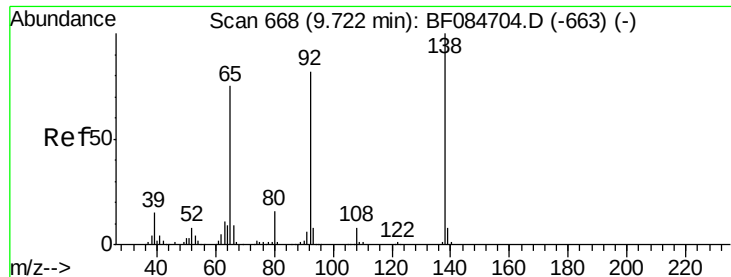
Tgt Ion:165 Resp: 12813
Ion Ratio Lower Upper
165 100
63 229.9 28.8 43.2#
89 104.9 35.1 52.7#



#51
Acenaphthene
Concen: 11.96 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion:154 Resp: 197641
Ion Ratio Lower Upper
154 100
153 122.5 91.5 137.3
152 64.6 43.0 64.6#





#52

3-Nitroaniline

Concen: 5.02 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

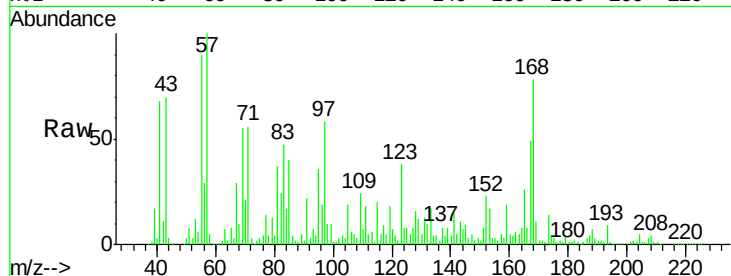
Tgt Ion:138 Resp: 23868

Ion Ratio Lower Upper

138 100

108 69.0 10.5 15.7#

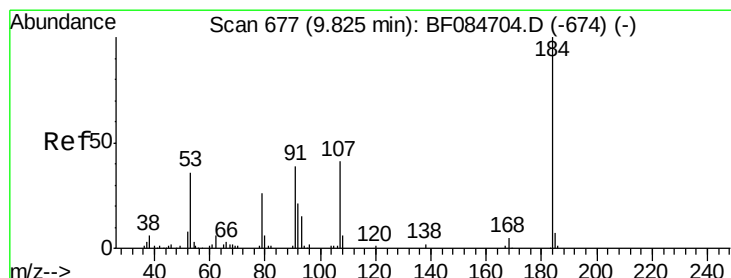
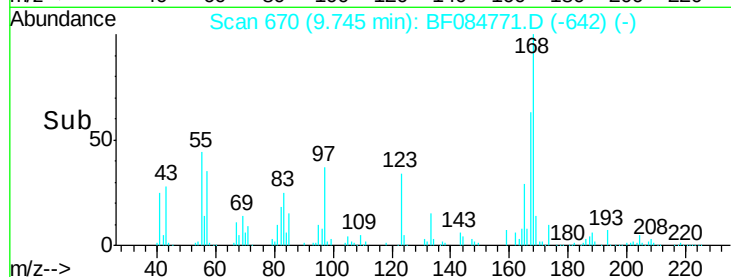
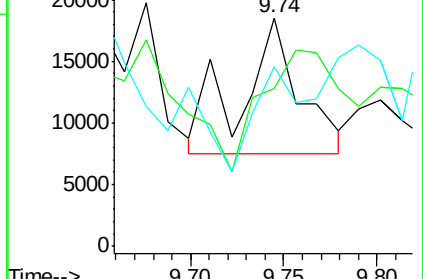
92 78.3 103.9 155.9#



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: 6.16 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

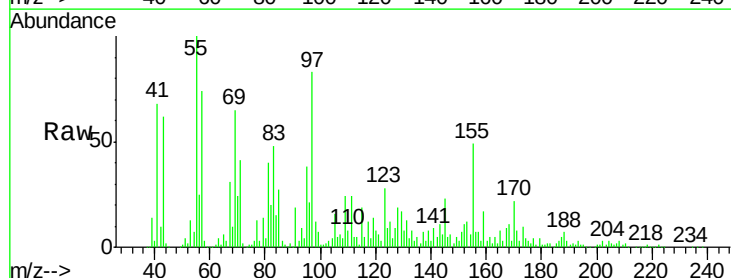
Tgt Ion:184 Resp: 746

Ion Ratio Lower Upper

184 100

63 996.9 43.1 64.7#

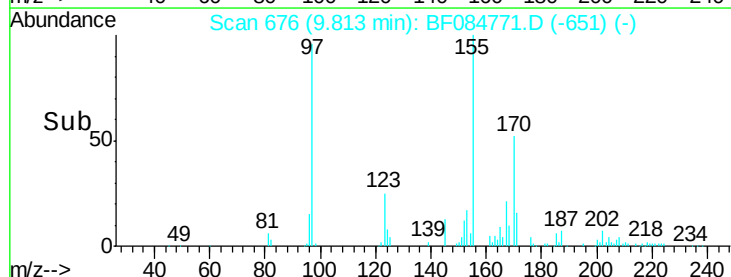
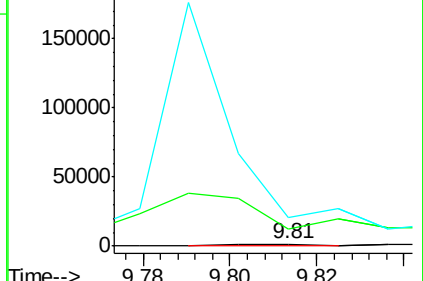
154 1702.8 60.5 90.7#

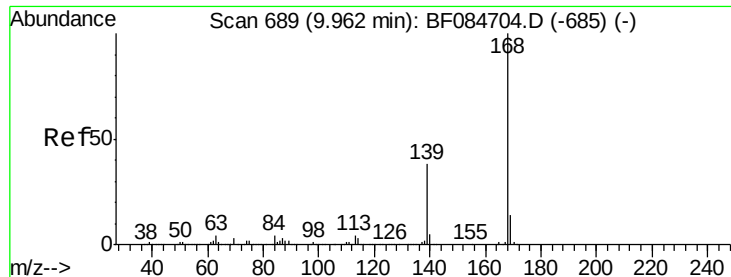


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 6.43 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

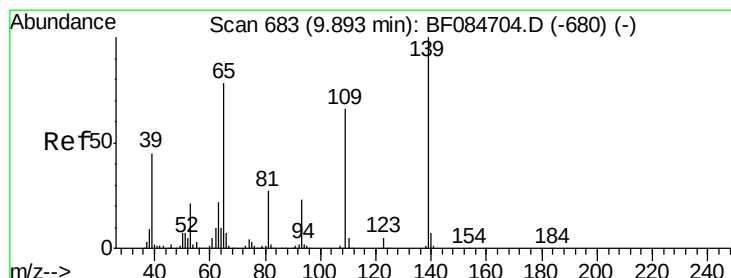
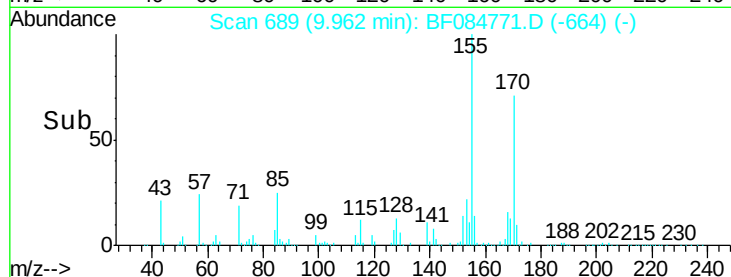
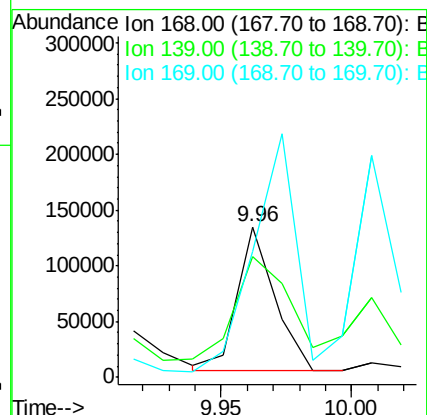
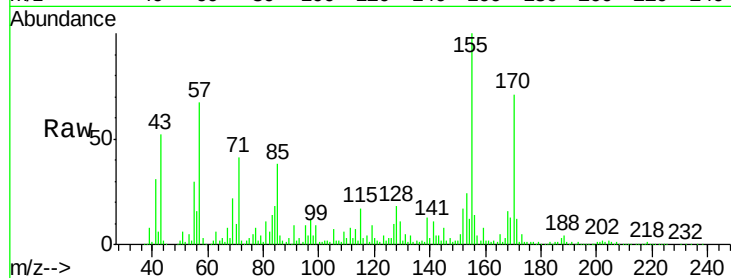
Tgt Ion:168 Resp: 129900

Ion Ratio Lower Upper

168 100

139 80.5 30.5 45.7#

169 83.4 10.4 15.6#



#55

4-Nitrophenol

Concen: 47.27 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

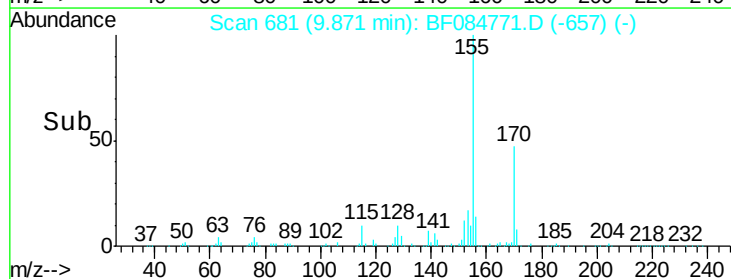
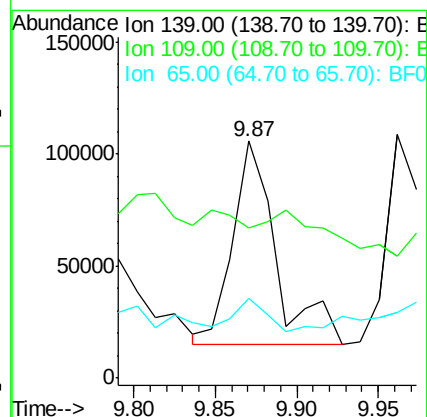
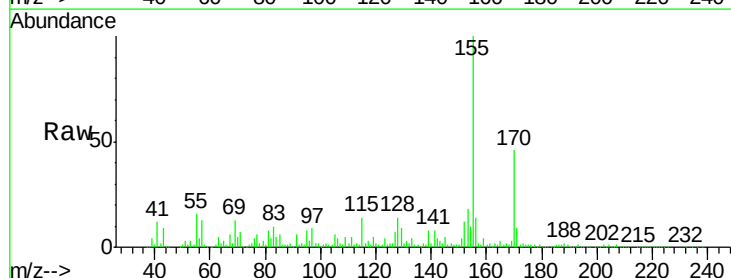
Tgt Ion:139 Resp: 165207

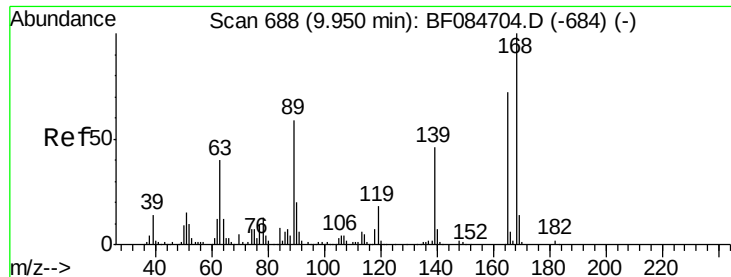
Ion Ratio Lower Upper

139 100

109 63.5 58.5 98.5

65 33.8 57.6 97.6#

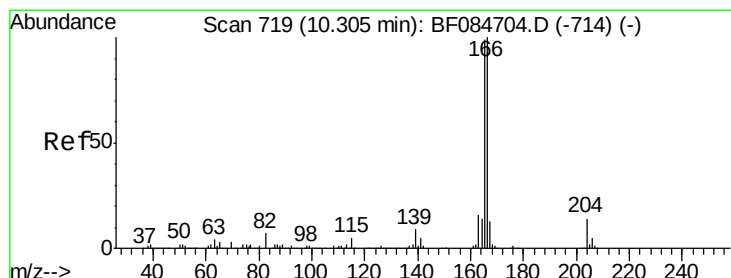
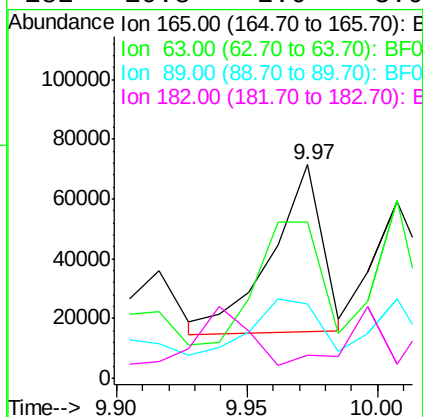
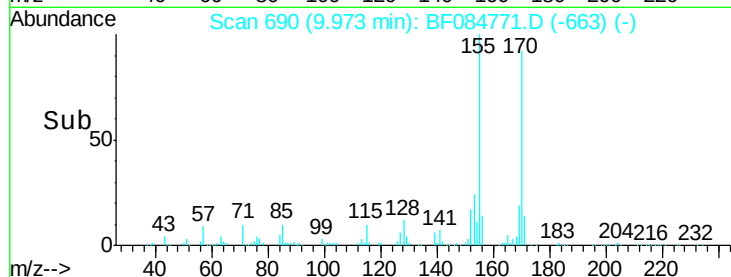
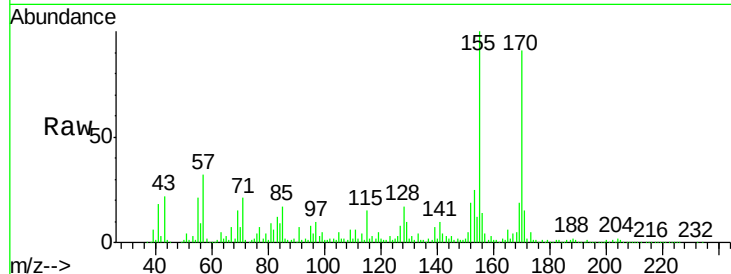




#56
2,4-Dinitrotoluene
Concen: 13.92 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

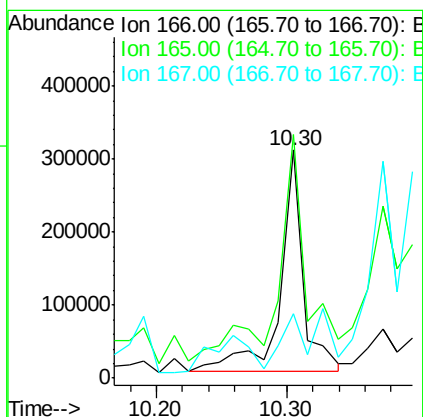
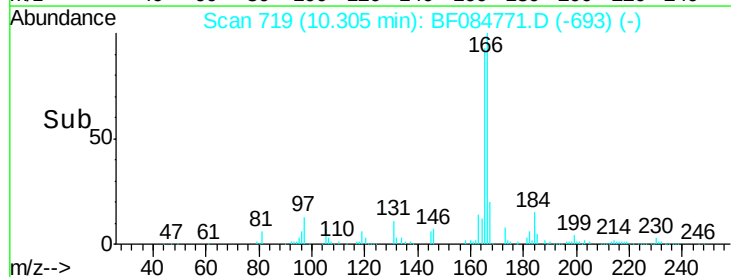
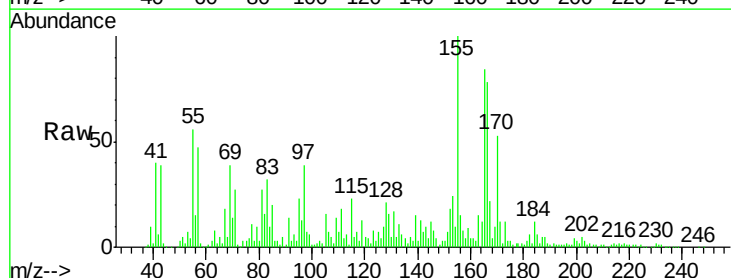
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

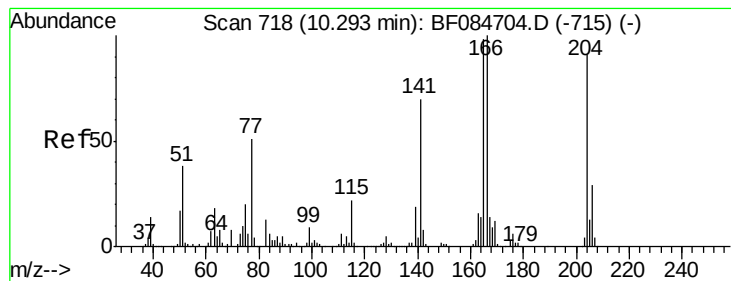
Tgt Ion:165 Resp: 75120
Ion Ratio Lower Upper
165 100
63 73.2 36.7 55.1#
89 34.9 61.9 92.9#
182 10.8 2.0 3.0#



#57
Fluorene
Concen: 22.07 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion:166 Resp: 372156
Ion Ratio Lower Upper
166 100
165 106.9 79.1 118.7
167 28.4 10.4 15.6#





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.25 min Scan# 714

Delta R.T. -0.06 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

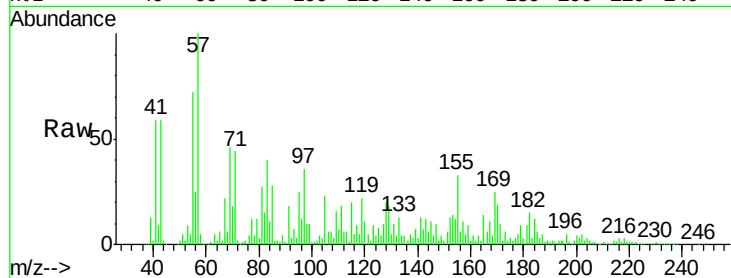
Tgt Ion: 204 Resp: 15387

Ion Ratio Lower Upper

204 100

206 18.9 25.7 38.5#

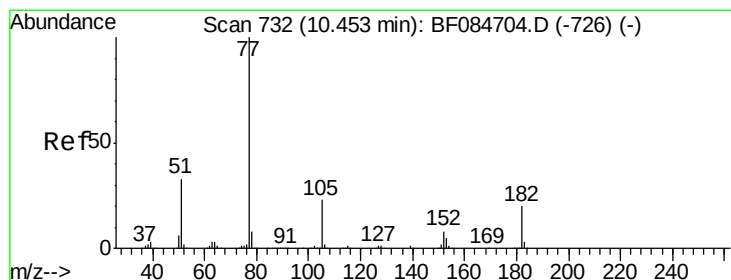
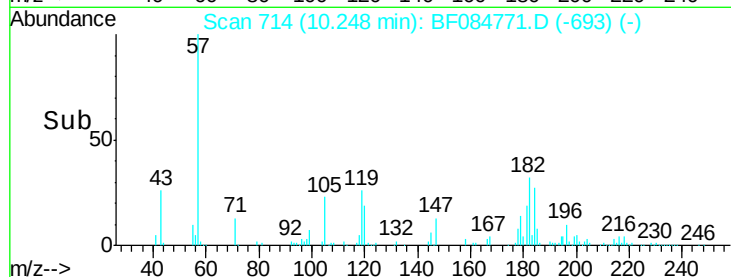
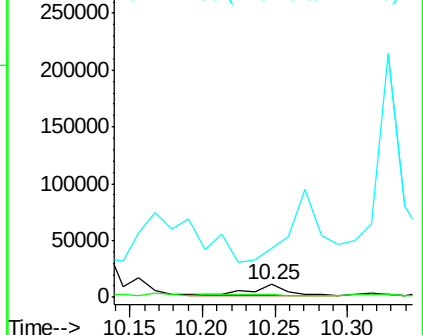
141 381.5 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

Azobenzene

Concen: 3.24 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion: 77 Resp: 59026

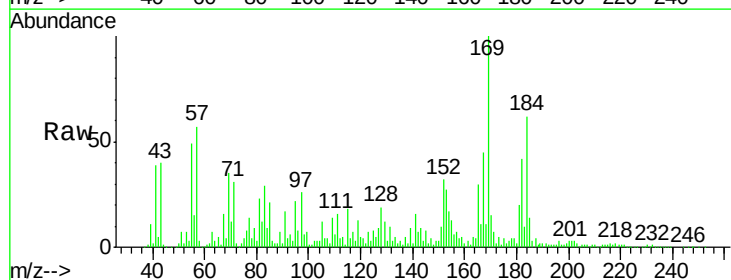
Ion Ratio Lower Upper

77 100

182 298.5 8.3 48.3#

105 89.5 4.6 44.6#

51 48.5 6.2 46.2#

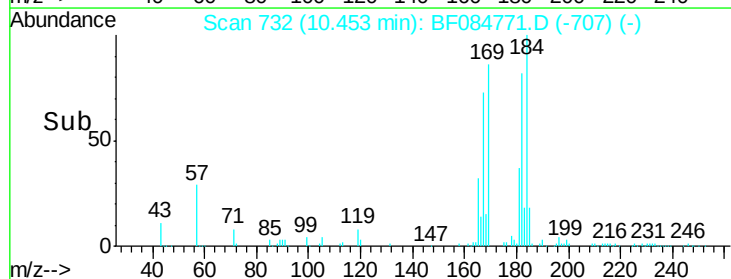
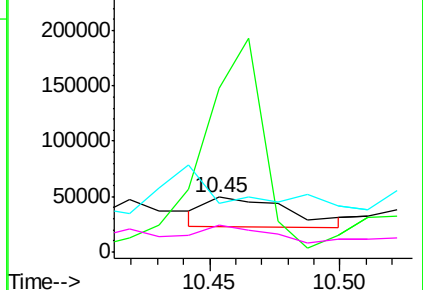


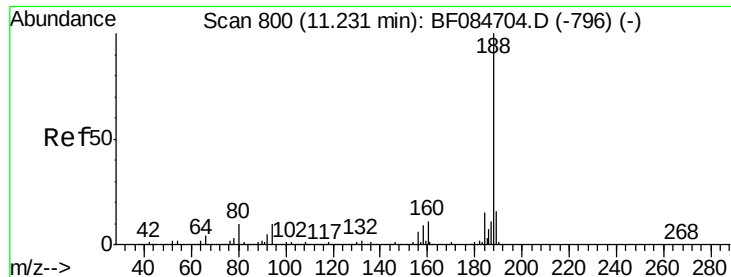
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

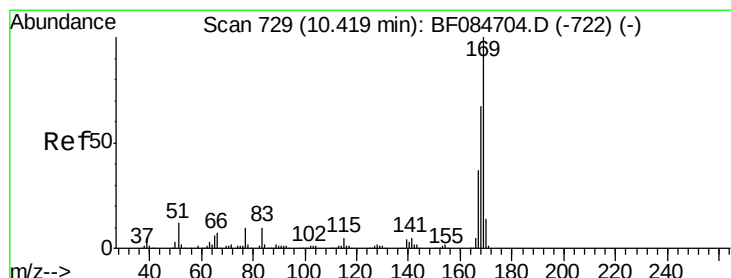
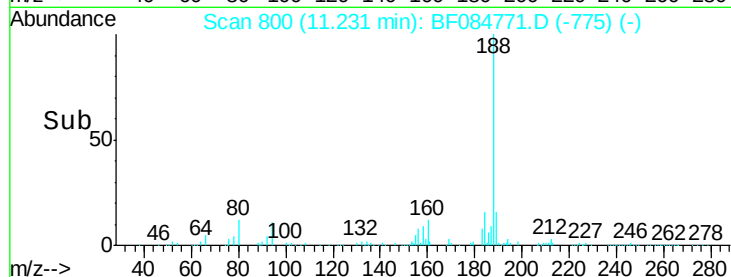
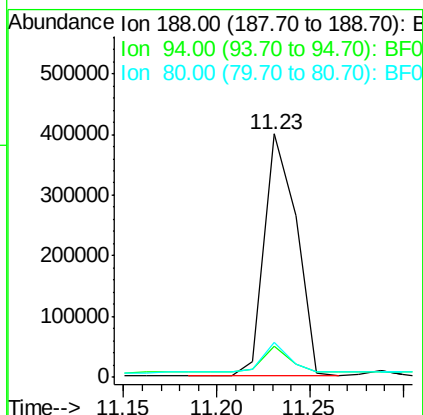
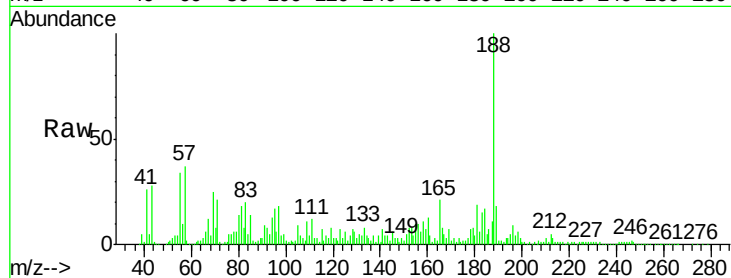




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

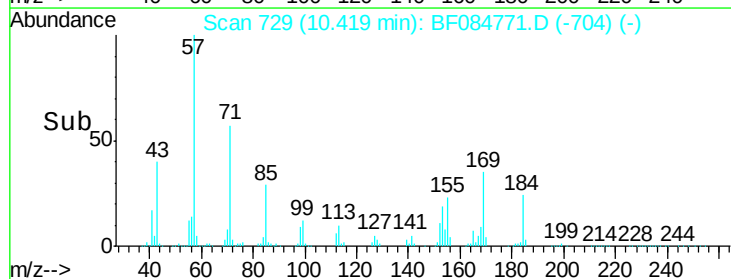
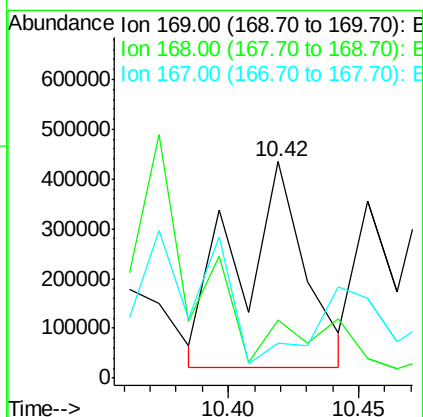
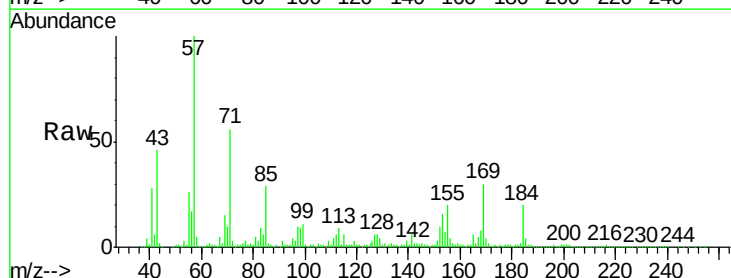
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

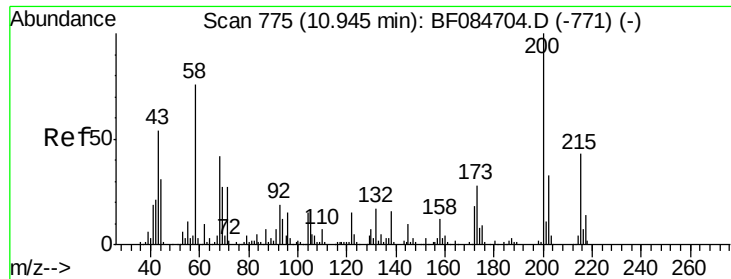
Tgt Ion:188 Resp: 474427
Ion Ratio Lower Upper
188 100
94 13.0 9.0 13.4
80 14.2 9.6 14.4



#65
n-Nitrosodiphenylamine
Concen: 49.20 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion:169 Resp: 741224
Ion Ratio Lower Upper
169 100
168 26.7 55.1 82.7#
167 15.9 30.0 45.0#

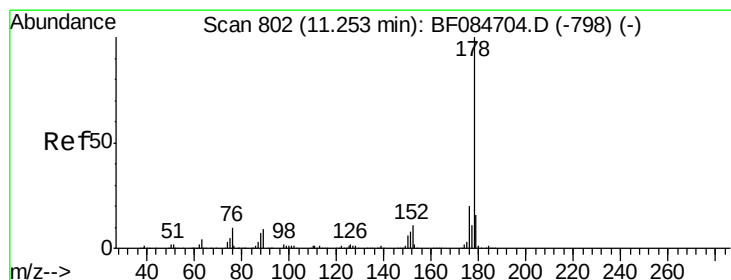
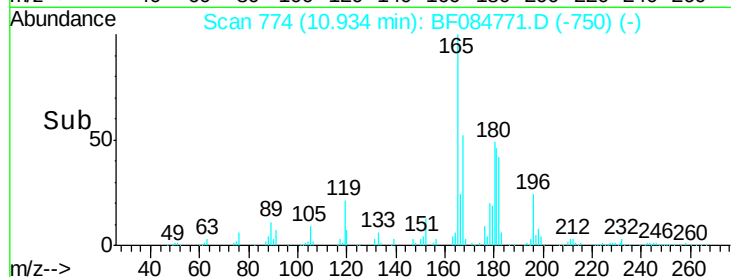
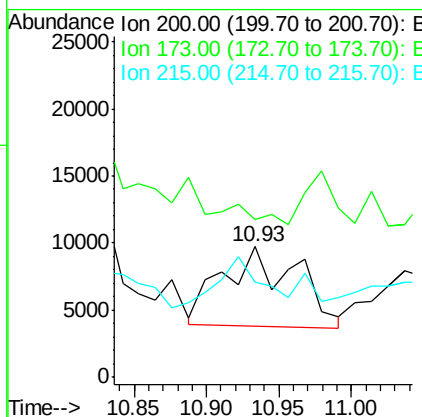
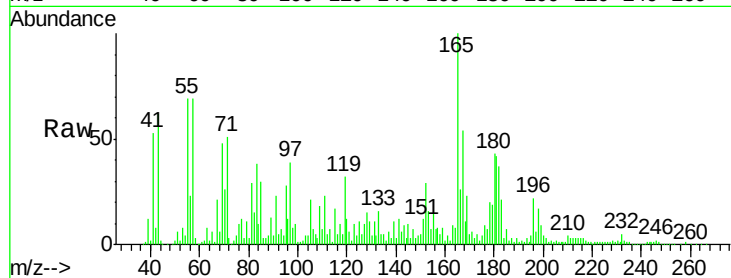




#68
Atrazine
Concen: 4.34 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

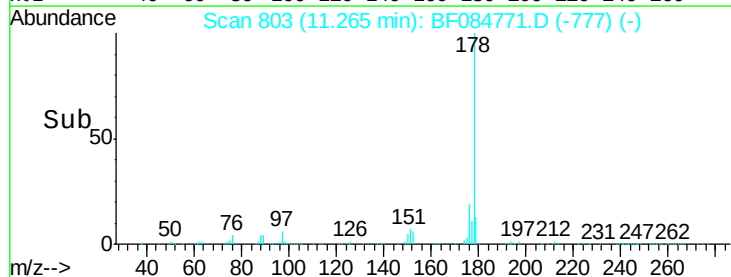
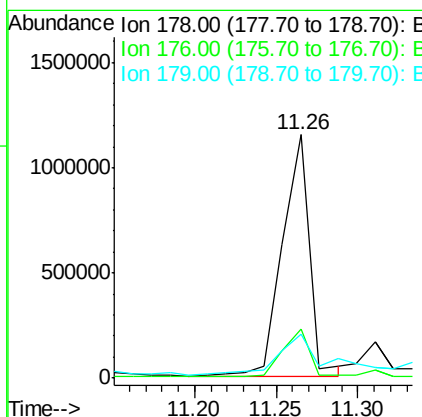
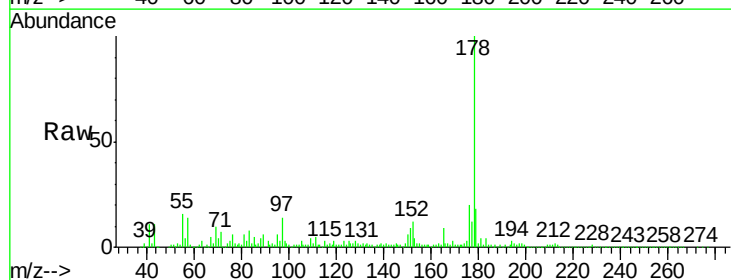
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

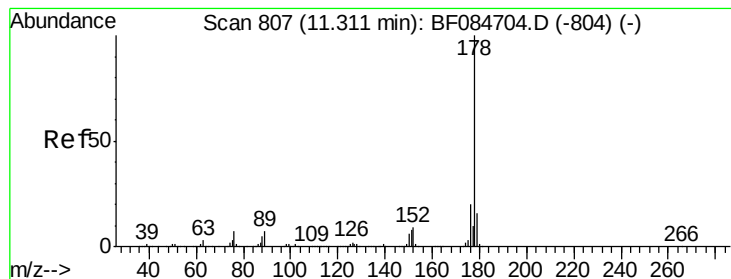
Tgt Ion:200 Resp: 20652
Ion Ratio Lower Upper
200 100
173 120.4 9.5 49.5#
215 73.1 23.8 63.8#



#70
Phenanthrene
Concen: 50.38 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084771.D
Acq: 3 Feb 2016 4:22

Tgt Ion:178 Resp: 1325813
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 18.3 12.0 18.0#





#71

Anthracene

Concen: 50.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

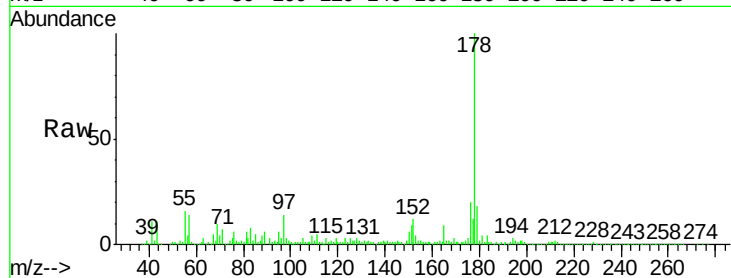
Tgt Ion:178 Resp: 1325813

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

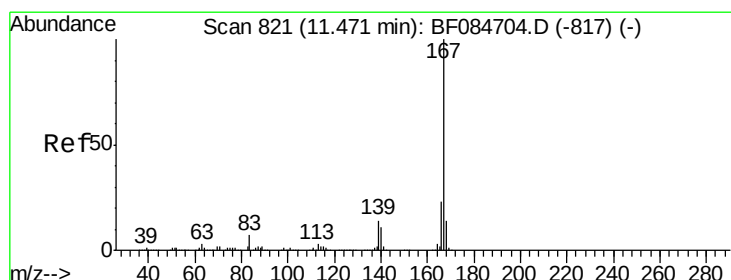
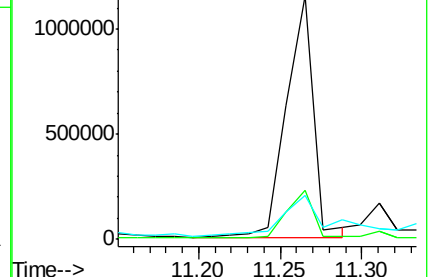
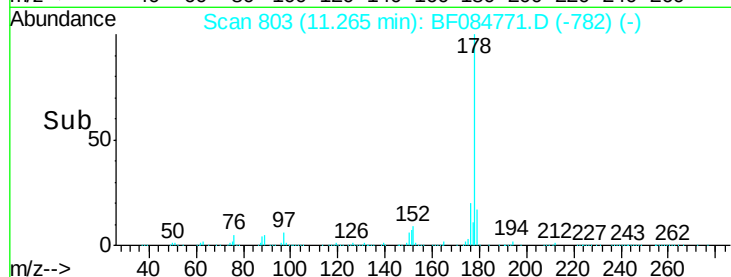
179 18.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 6.05 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

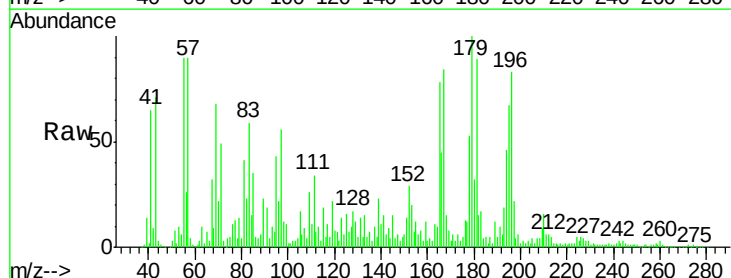
Tgt Ion:167 Resp: 139908

Ion Ratio Lower Upper

167 100

166 53.0 17.6 26.4#

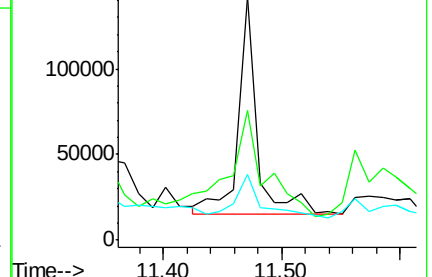
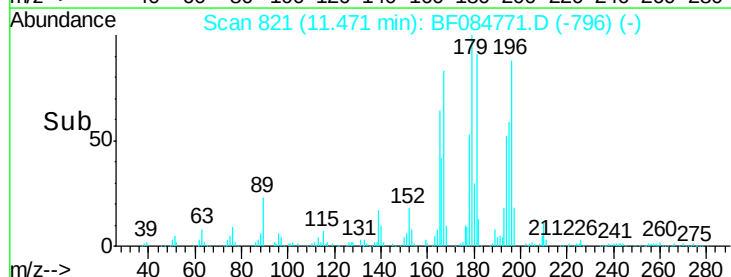
139 27.1 11.8 17.8#

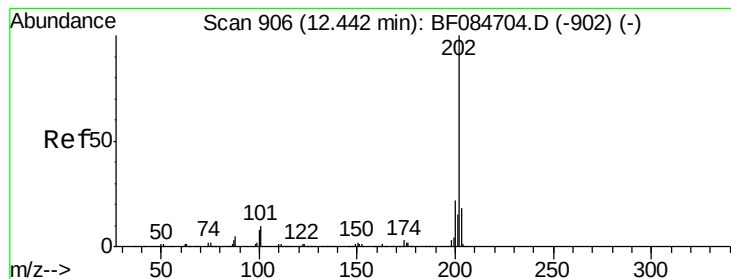


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 7.84 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.21 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

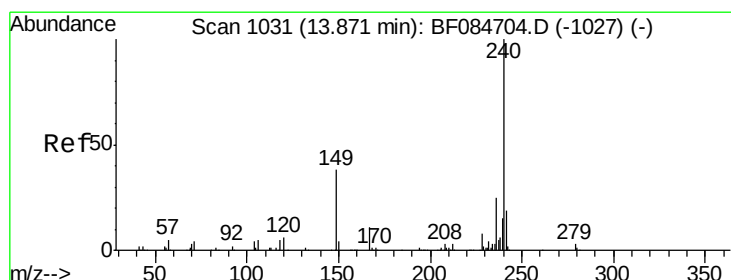
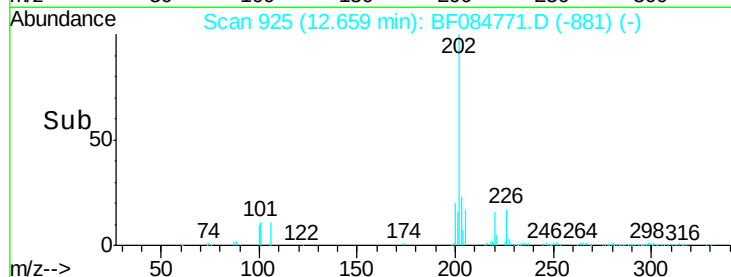
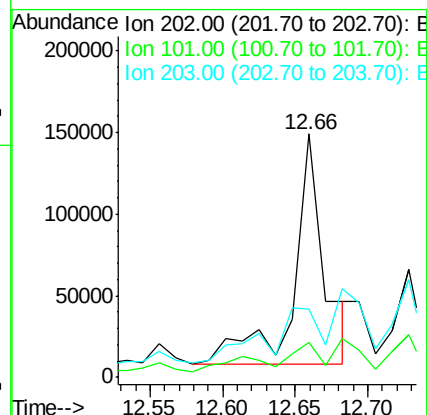
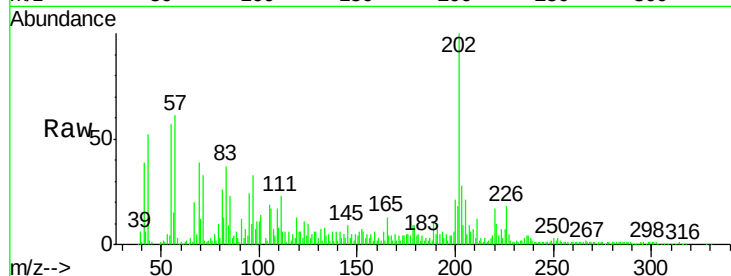
Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tgt Ion:	202	Resp:	208739
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	32.8
203	28.2	0.0	37.9



#75

Chrysene-d12

Concen: 20.00 ng

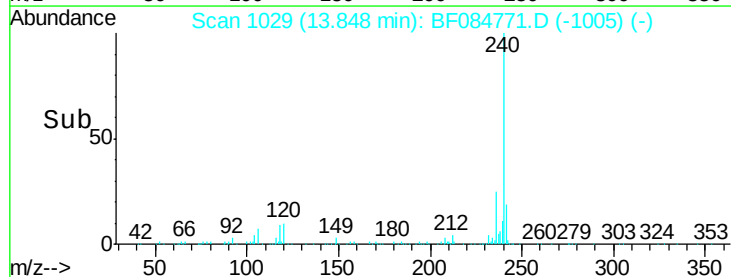
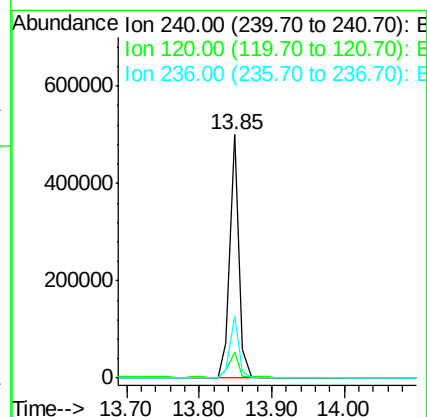
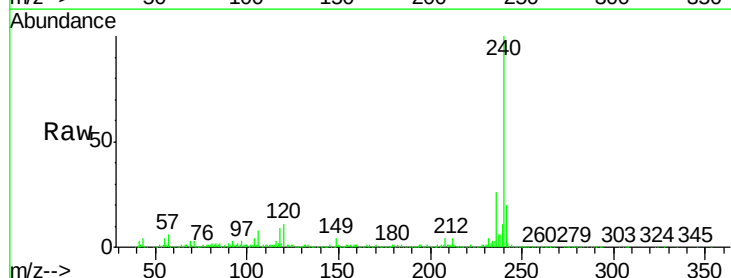
RT: 13.85 min Scan# 1029

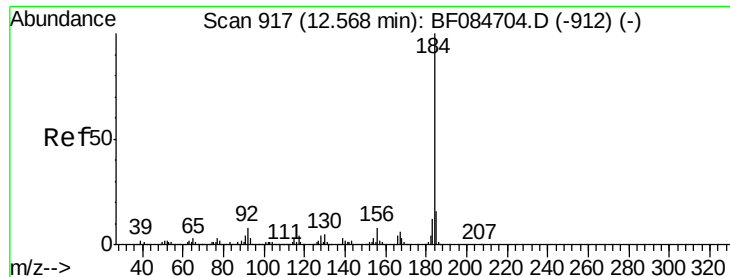
Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Tgt Ion:	240	Resp:	439582
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.7	20.6	31.0





#76

Benzidine

Concen: 7.01 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.05 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

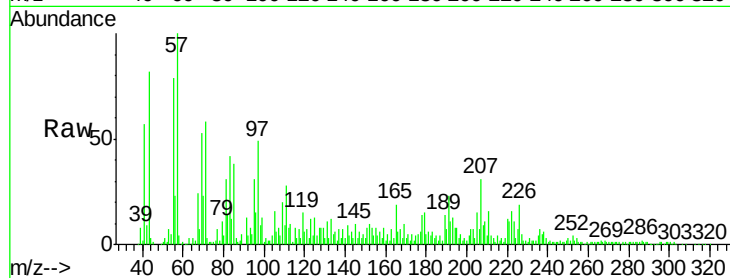
Tgt Ion:184 Resp: 2755

Ion Ratio Lower Upper

184 100

185 110.7 12.2 18.2#

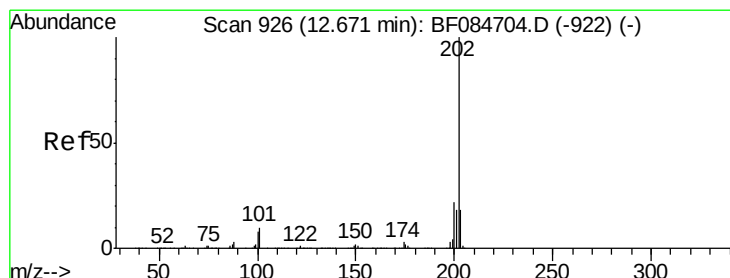
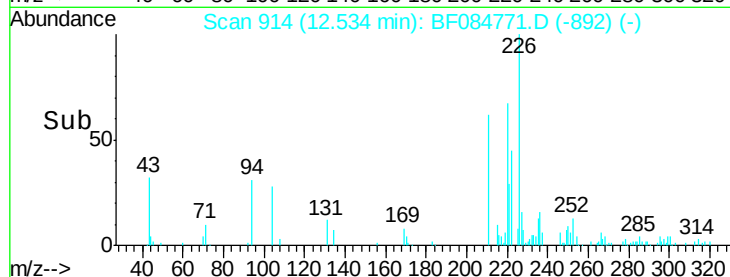
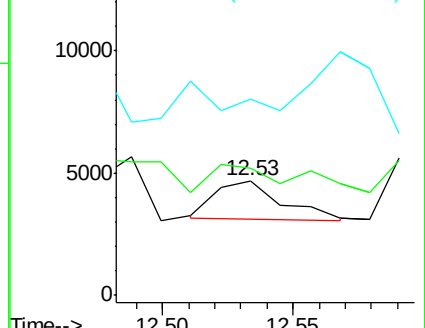
183 171.5 9.8 14.8#



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



#77

Pyrene

Concen: 7.12 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

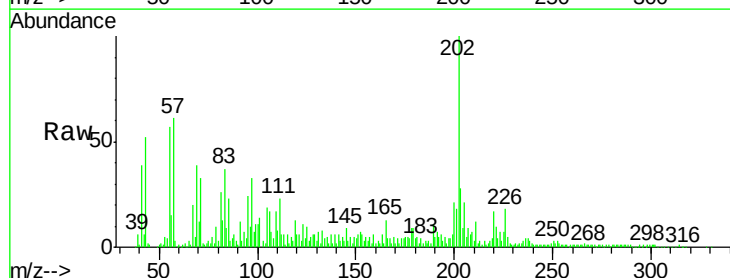
Tgt Ion:202 Resp: 239561

Ion Ratio Lower Upper

202 100

200 20.8 17.2 25.8

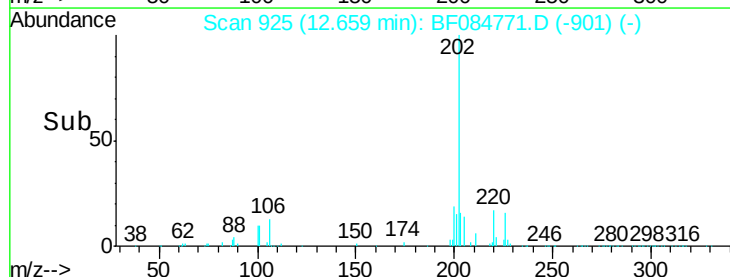
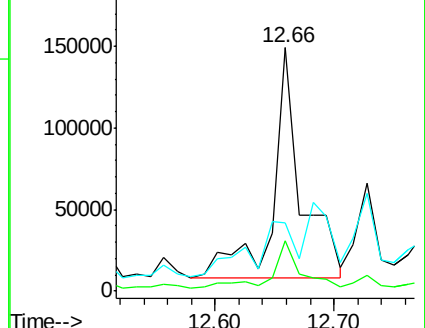
203 28.2 14.3 21.5#

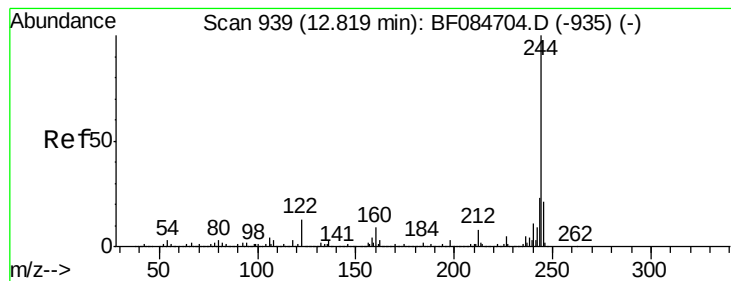


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.50 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

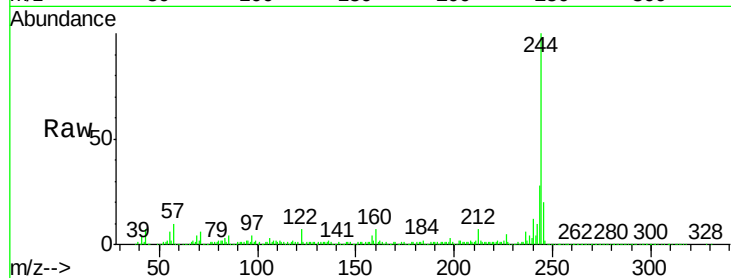
Tgt Ion:244 Resp: 1678014

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

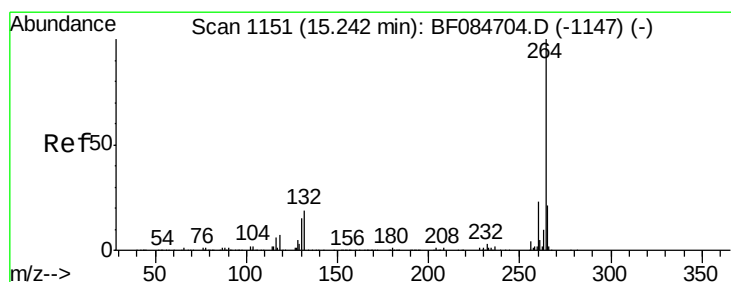
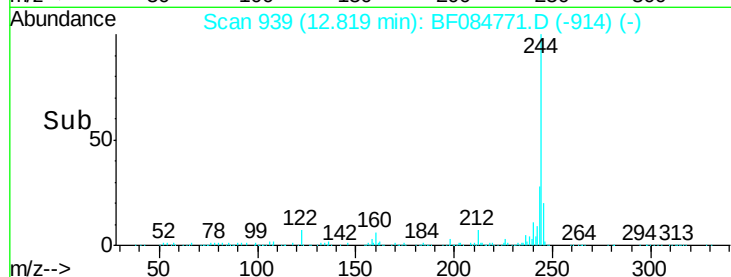
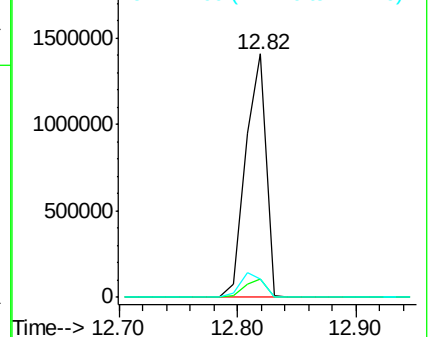
122 7.5 7.4 11.0



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084771.D

Acq: 3 Feb 2016 4:22

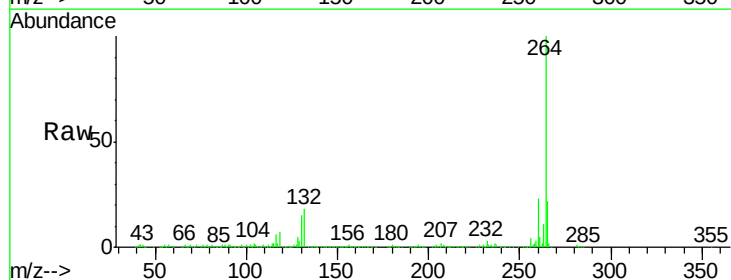
Tgt Ion:264 Resp: 355402

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 21.6 17.8 26.6



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

