

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084774.D
 Acq On : 3 Feb 2016 5:45
 Operator : SJ/IZ
 Sample : H1306-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Quant Time: Feb 03 06:27:42 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	162364	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	385625	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	219725	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	421287	20.00	ng	0.00
75) Chrysene-d12	13.85	240	388938	20.00	ng	-0.02
86) Perylene-d12	15.22	264	352761	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1180744	113.27	ng	-0.01
7) Phenol-d6	6.35	99	1576502	121.99	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1033802	151.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	321082	140.09	ng	0.03
44) 2-Fluorobiphenyl	9.09	172	1299330	110.84	ng	0.00
78) Terphenyl-d14	12.82	244	1305457	76.06	ng	-0.01

Target Compounds						Qvalue
6) Aniline	6.36	93	59747	3.78	ng	# 48
9) Benzaldehyde	6.22	77	107012	14.02	ng	# 1
15) Benzyl Alcohol	6.86	79	41650	4.67	ng	# 40
18) Hexachloroethane	7.22	117	170708	35.57	ng	# 1
19) n-Nitroso-di-n-propylamine	7.14	70	141115	17.42	ng	# 72
22) Acetophenone	7.12	105	705609	69.43	ng	# 41
24) Nitrobenzene	7.26	77	191387	26.11	ng	# 38
25) Isophorone	7.54	82	340925	25.61	ng	# 1
26) 2-Nitrophenol	7.69	139	68491	18.94	ng	# 1
27) 2,4-Dimethylphenol	7.81	122	52345	8.32	ng	# 91
28) bis(2-Chloroethoxy)methane	7.76	93	49046	6.21	ng	# 1
29) 2,4-Dichlorophenol	7.86	162	33236	6.18	ng	# 1
30) 1,2,4-Trichlorobenzene	7.92	180	35690	5.87	ng	# 57
31) Naphthalene	8.03	128	908992	46.99	ng	# 81
32) Benzoic acid	7.81	122	53810	13.38	ng	# 1
33) 4-Chloroaniline	8.03	127	393306	49.16	ng	# 75
35) Caprolactam	8.48	113	591316	356.55	ng	# 11
36) 4-Chloro-3-methylphenol	8.54	107	101449	16.53	ng	# 23
37) 2-Methylnaphthalene	8.75	142	3119491	257.68	ng	# 97
42) 2,4,6-Trichlorophenol	9.02	196	11288	2.51	ng	# 15
45) 1,1'-Biphenyl	9.20	154	403958	20.58	ng	# 99
47) 2-Nitroaniline	9.38	65	28694	6.27	ng	# 49
48) Acenaphthylene	9.64	152	105490	4.81	ng	# 1
50) 2,6-Dinitrotoluene	9.55	165	17308	4.73	ng	# 1
51) Acenaphthene	9.80	154	238308	16.70	ng	# 88
52) 3-Nitroaniline	9.76	138	20135	4.90	ng	# 47
53) 2,4-Dinitrophenol	9.82	184	2280	7.05	ng	# 1
54) Dibenzofuran	9.97	168	159495	9.15	ng	# 1
55) 4-Nitrophenol	9.89	139	234336	77.61	ng	# 73
56) 2,4-Dinitrotoluene	9.98	165	88651	19.01	ng	# 48
57) Fluorene	10.32	166	442185	30.36	ng	# 86
60) 4-Chlorophenyl-phenylether	10.26	204	16110	Below Cal		# 1
61) 4-Nitroaniline	10.32	138	8639	2.16	ng	# 68
62) Azobenzene	10.46	77	60114	3.83	ng	# 1

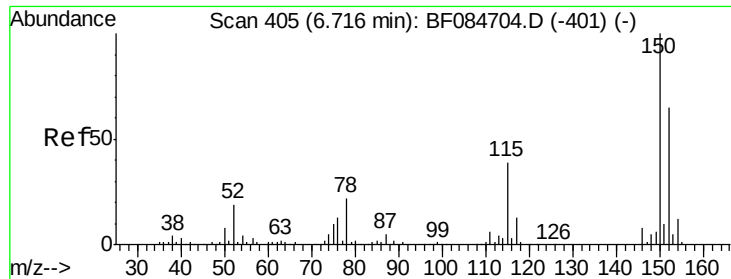
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084774.D
 Acq On : 3 Feb 2016 5:45
 Operator : SJ/IZ
 Sample : H1306-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Quant Time: Feb 03 06:27:42 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)
64) 4,6-Dinitro-2-methylphenol	10.30	198	7326	2.82	ng	# 1
65) n-Nitrosodiphenylamine	10.43	169	890631	66.58	ng	# 56
68) Atrazine	10.97	200	16623	3.93	ng	# 1
70) Phenanthrene	11.28	178	1660941	71.08	ng	# 95
71) Anthracene	11.28	178	1660941	70.54	ng	# 96
72) Carbazole	11.49	167	112419	5.48	ng	# 38
74) Fluoranthene	12.67	202	301312	12.74	ng	# 88
76) Benzidine	12.58	184	1615443	Below Cal		# 99
77) Pyrene	12.67	202	307755	10.33	ng	# 91

(#) = 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: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleID :

BLFS-RL01

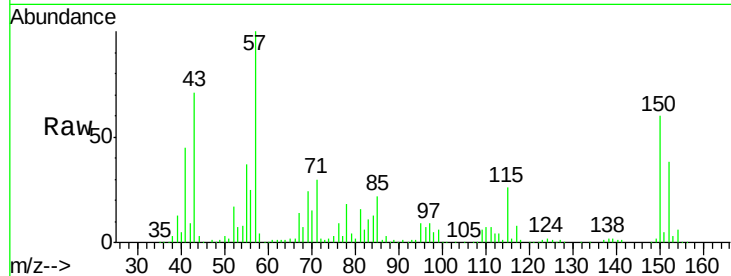
Tgt Ion:152 Resp: 162364

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

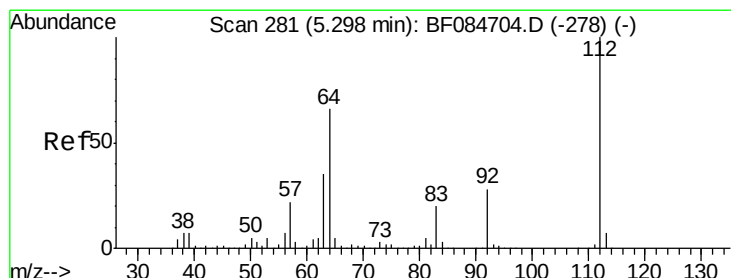
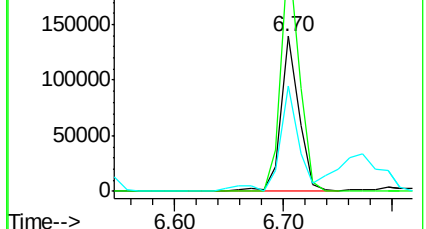
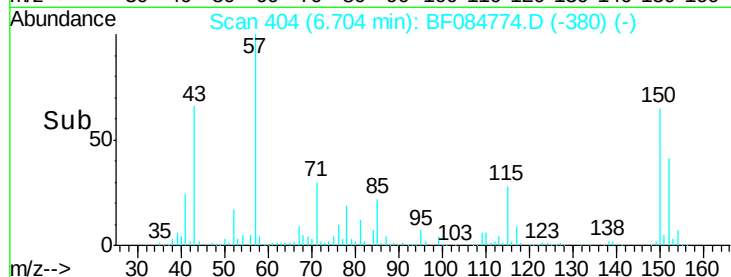
115 68.3 51.4 77.2



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: 113.27 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

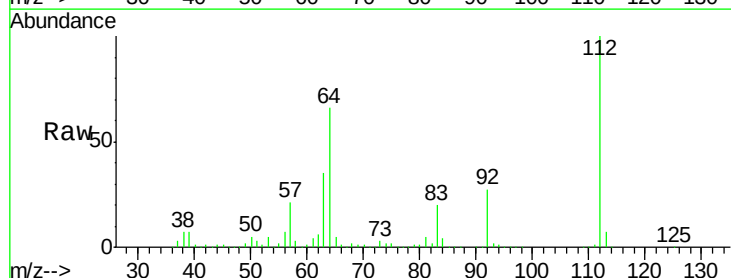
Tgt Ion:112 Resp: 1180744

Ion Ratio Lower Upper

112 100

64 65.9 36.6 55.0#

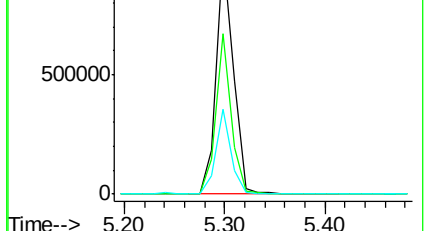
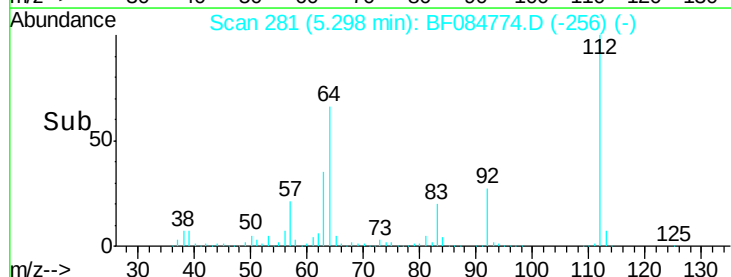
63 34.9 19.4 29.0#

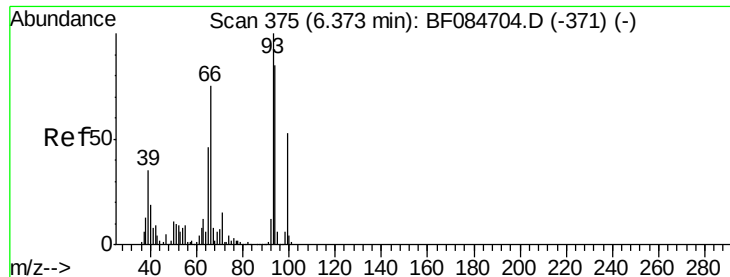


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 3.78 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

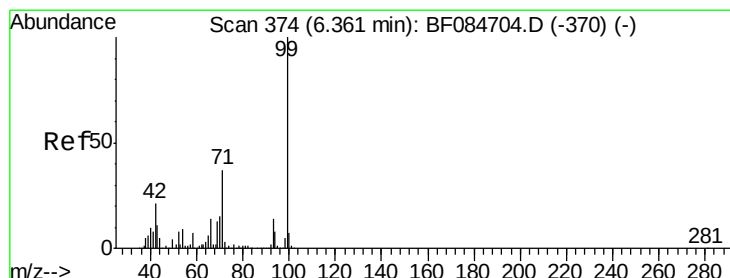
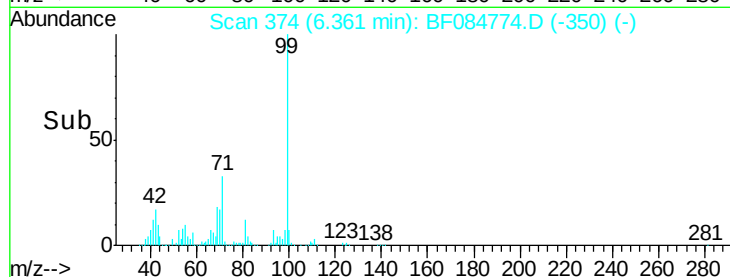
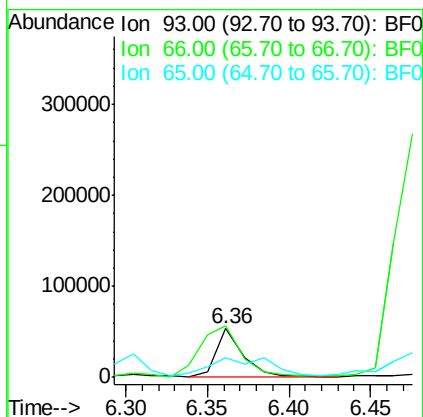
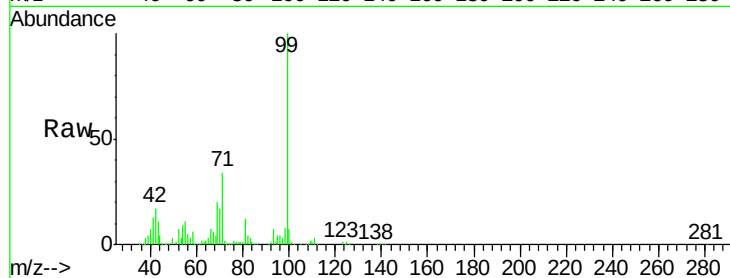
Tgt Ion: 93 Resp: 59747

Ion Ratio Lower Upper

93 100

66 105.9 44.9 67.3#

65 40.5 23.7 35.5#



#7

Phenol-d6

Concen: 121.99 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

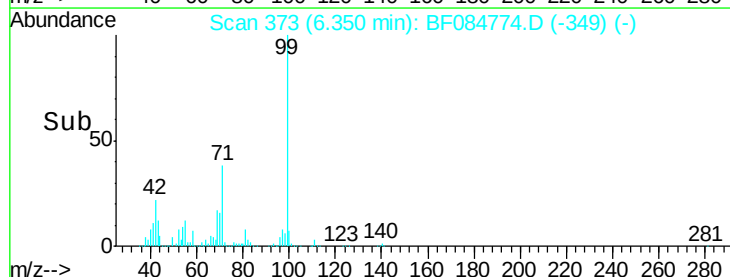
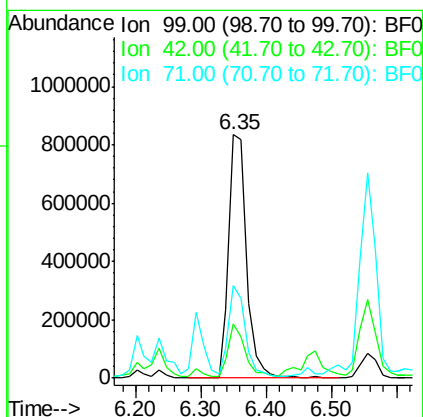
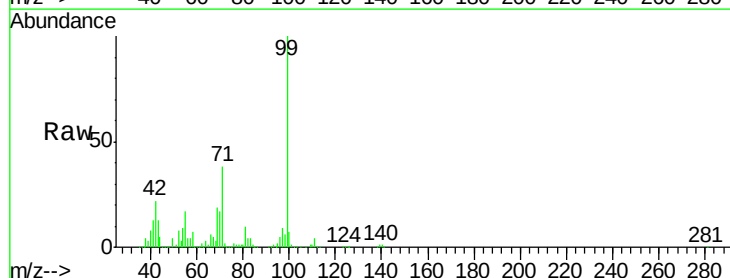
Tgt Ion: 99 Resp: 1576502

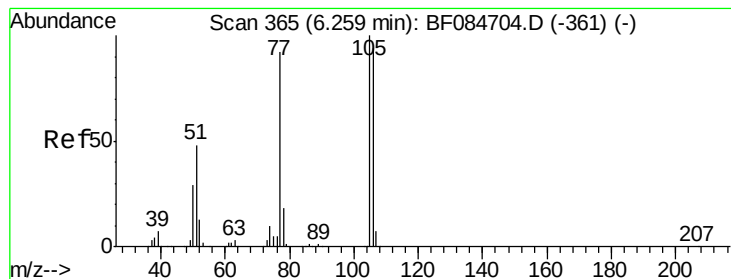
Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

71 38.0 30.9 46.3





#9

Benzaldehyde

Concen: 14.02 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.05 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

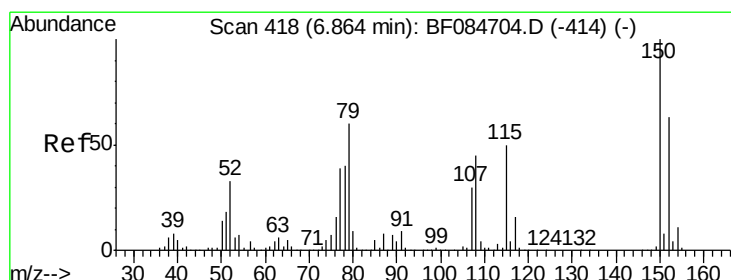
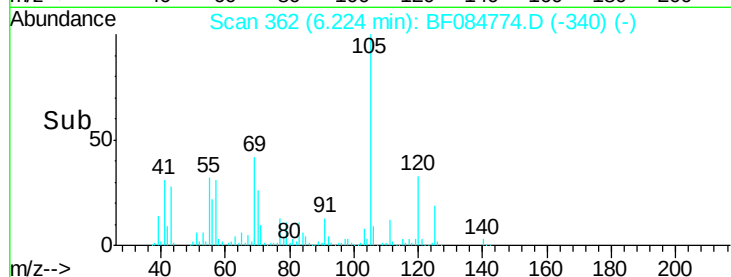
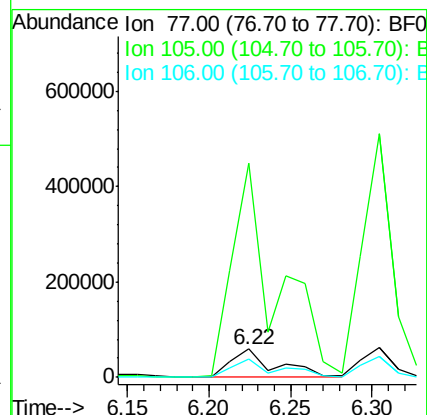
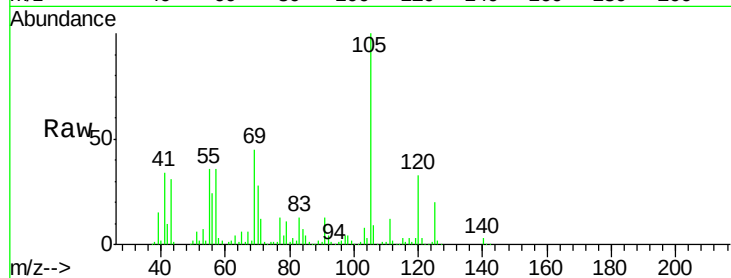
Tgt Ion: 77 Resp: 107012

Ion Ratio Lower Upper

77 100

105 749.8 83.0 123.0#

106 66.4 74.6 114.6#



#15

Benzyl Alcohol

Concen: 4.67 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

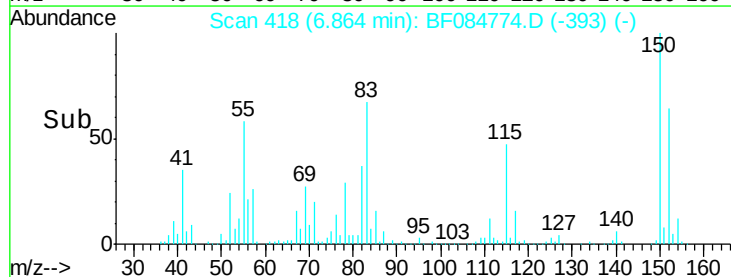
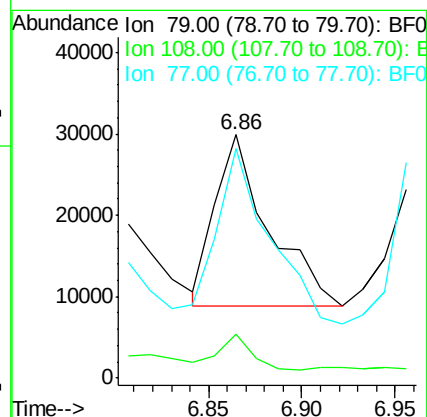
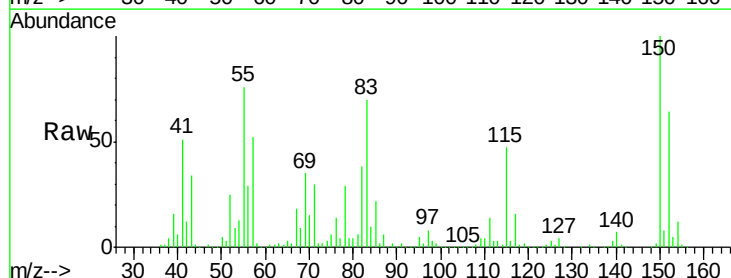
Tgt Ion: 79 Resp: 41650

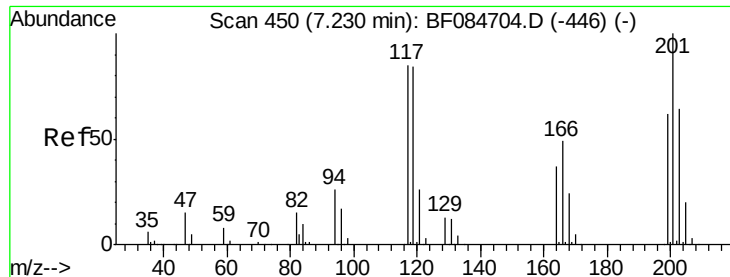
Ion Ratio Lower Upper

79 100

108 18.0 69.0 103.4#

77 94.4 50.0 75.0#

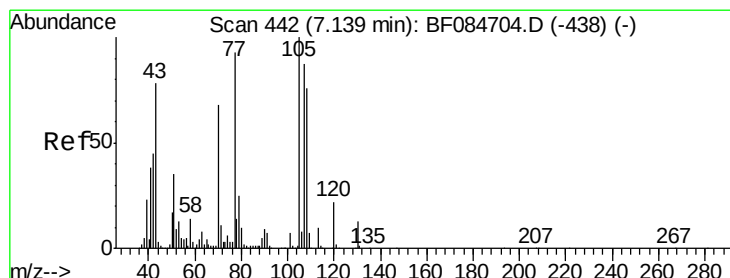
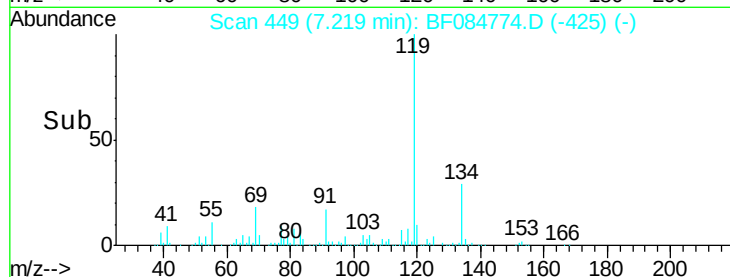
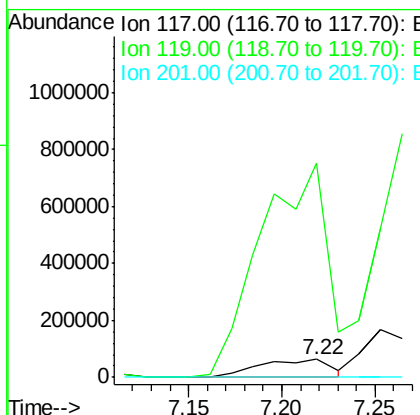
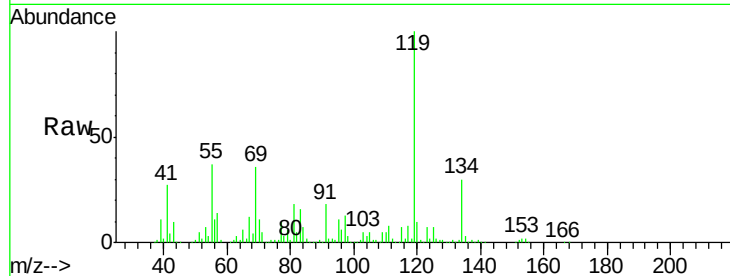




#18
Hexachloroethane
Concen: 35.57 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

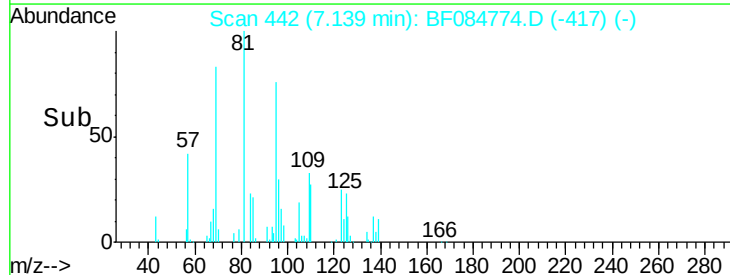
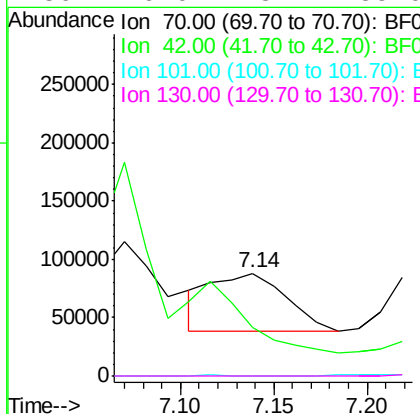
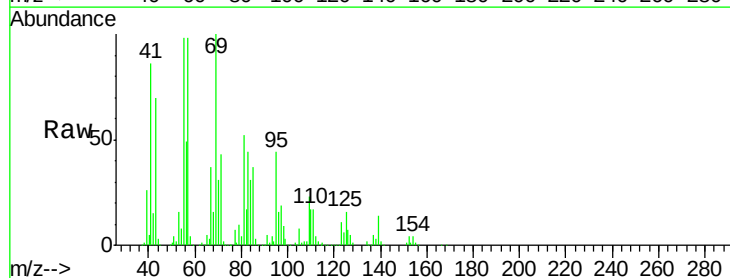
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

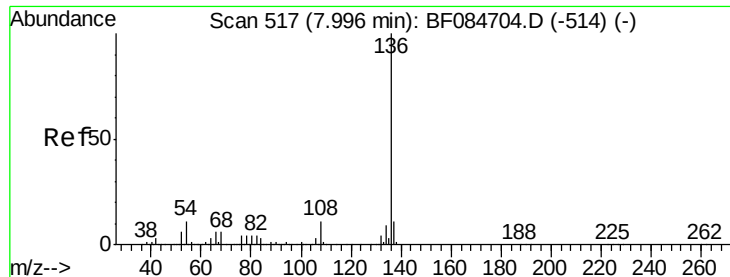
Tgt Ion: 117 Resp: 170708
Ion Ratio Lower Upper
117 100
119 1187.7 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 17.42 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion: 70 Resp: 141115
Ion Ratio Lower Upper
70 100
42 47.8 33.3 49.9
101 0.4 9.3 13.9#
130 0.0 23.4 35.0#

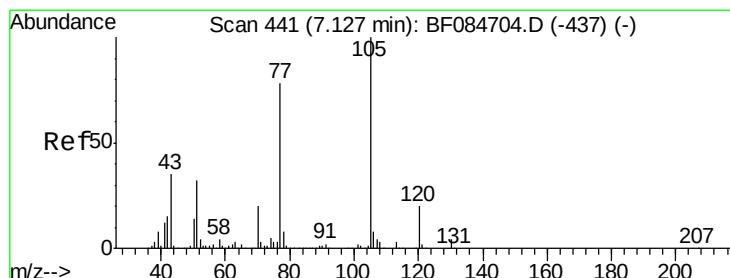
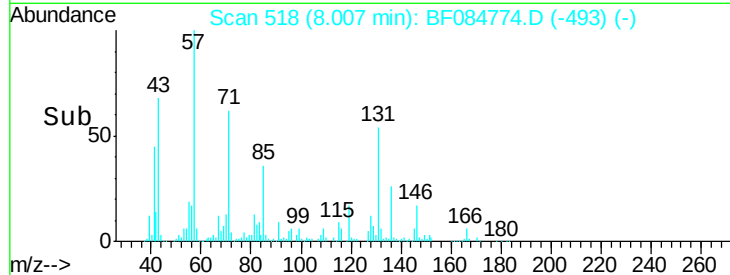
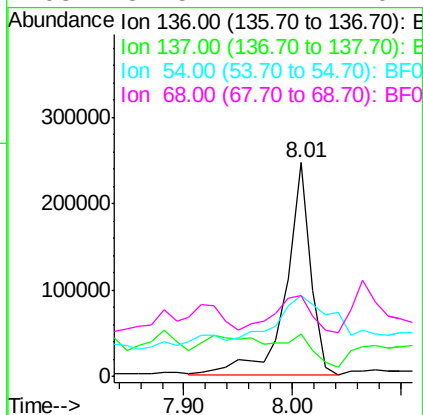
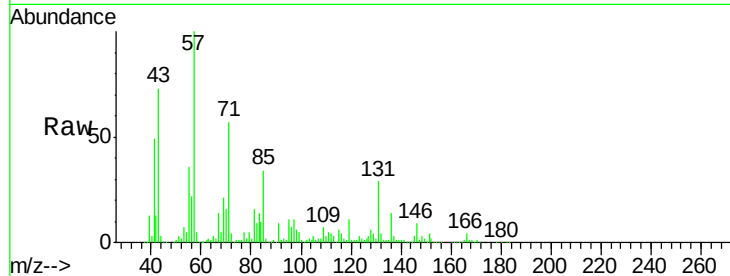




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

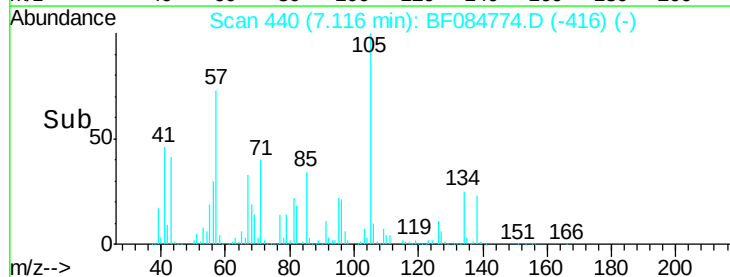
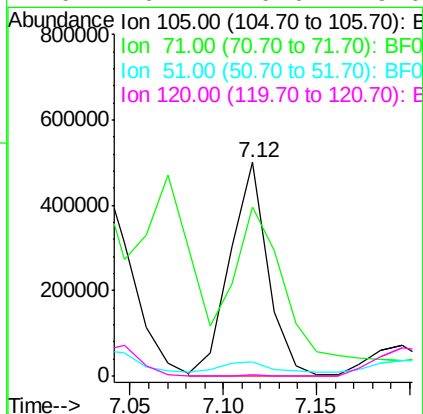
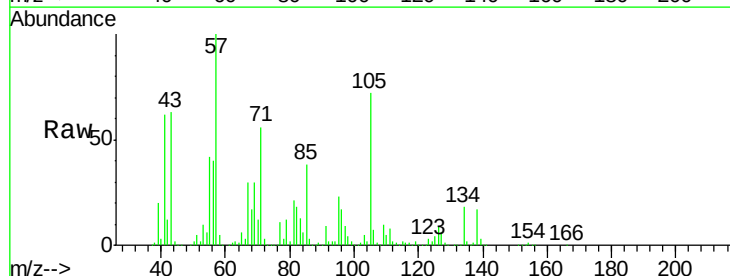
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

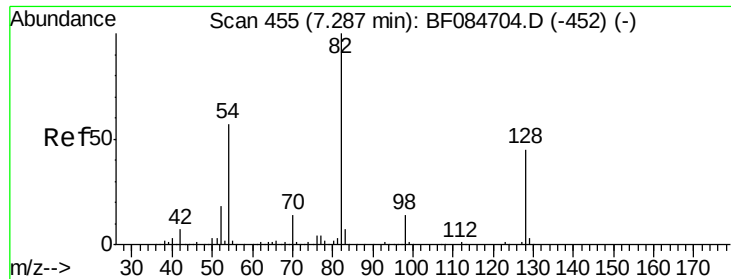
Tgt Ion:	136	Resp:	385625
Ion Ratio	Lower	Upper	
136	100		
137	19.6	8.7	13.1#
54	37.5	5.8	8.8#
68	37.5	4.2	6.2#



#22
Acetophenone
Concen: 69.43 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion:	105	Resp:	705609
Ion Ratio	Lower	Upper	
105	100		
71	78.9	3.7	5.5#
51	6.5	25.1	37.7#
120	0.4	16.6	25.0#

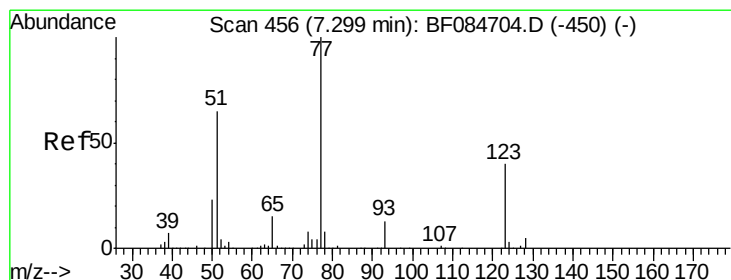
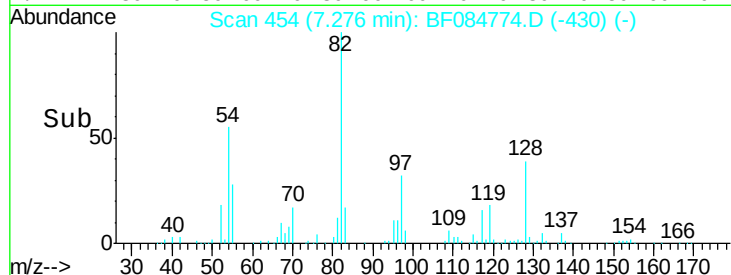
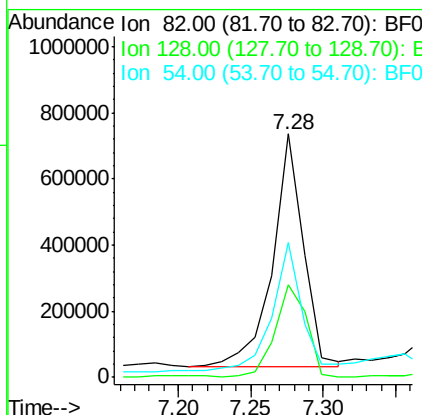
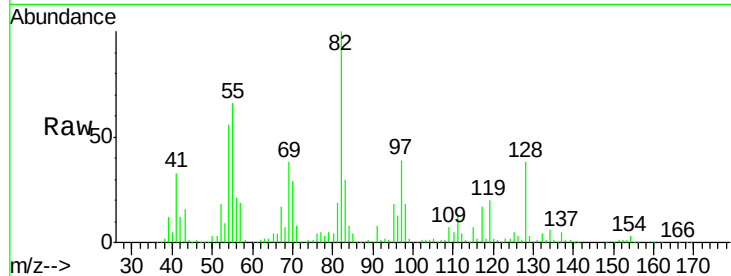




#23
 Nitrobenzene-d5
 Concen: 151.02 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

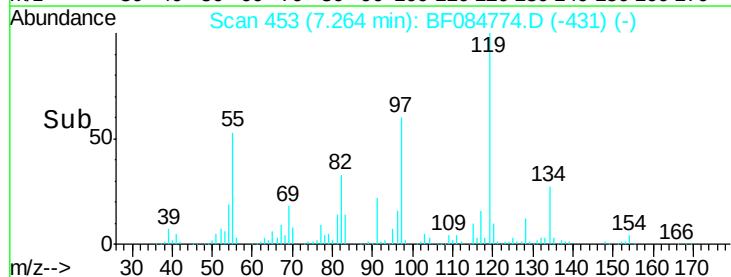
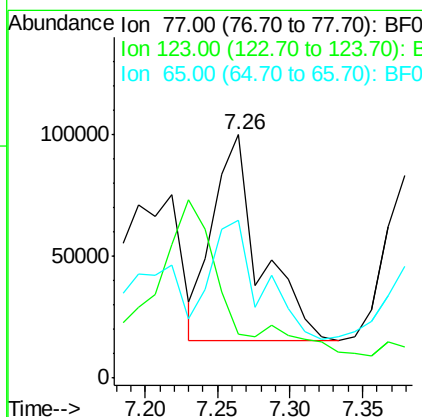
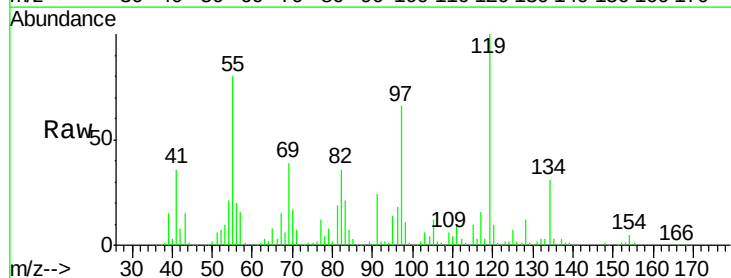
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

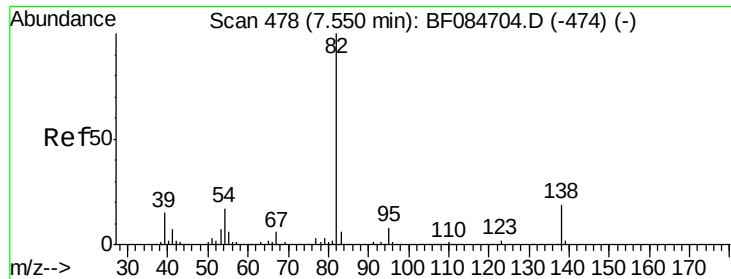
Tgt Ion: 82 Resp: 1033802
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.6 51.8
 54 55.6 38.4 57.6



#24
 Nitrobenzene
 Concen: 26.11 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.05 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

Tgt Ion: 77 Resp: 191387
 Ion Ratio Lower Upper
 77 100
 123 18.1 37.4 56.2#
 65 65.0 10.9 16.3#





#25

Isophorone

Concen: 25.61 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

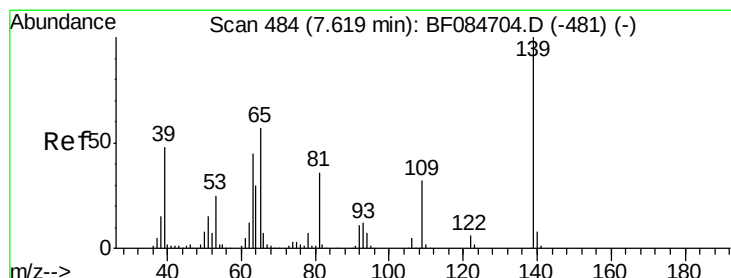
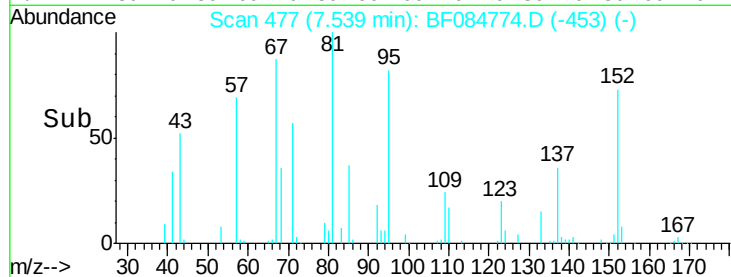
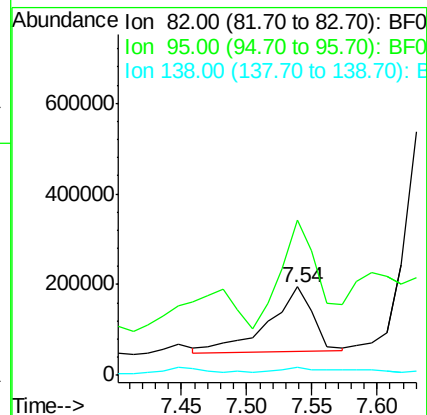
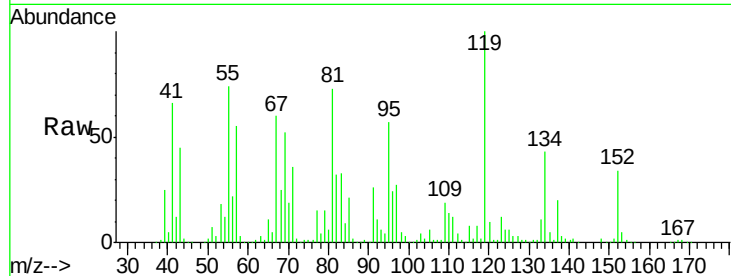
Tgt Ion: 82 Resp: 340925

Ion Ratio Lower Upper

82 100

95 176.4 6.6 10.0#

138 8.5 13.6 20.4#



#26

2-Nitrophenol

Concen: 18.94 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

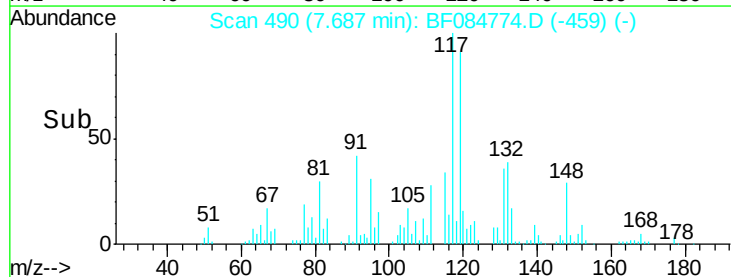
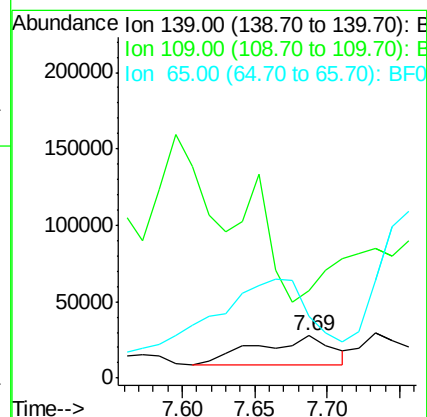
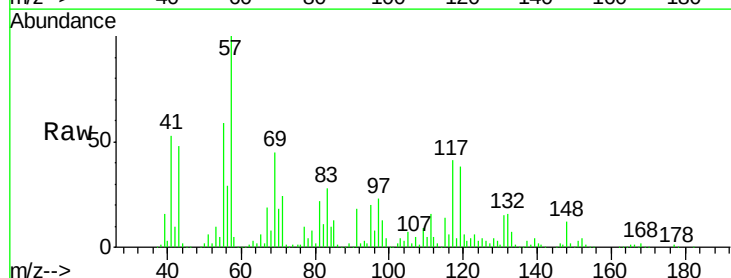
Tgt Ion: 139 Resp: 68491

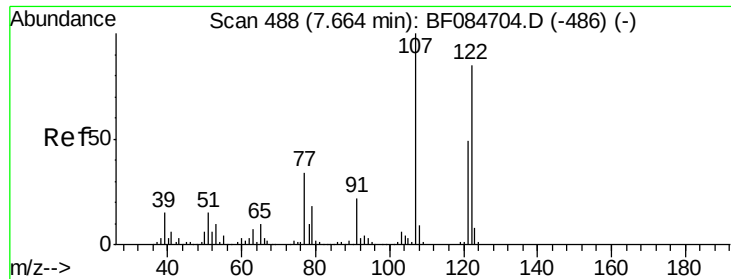
Ion Ratio Lower Upper

139 100

109 204.7 25.4 38.2#

65 145.1 32.3 48.5#

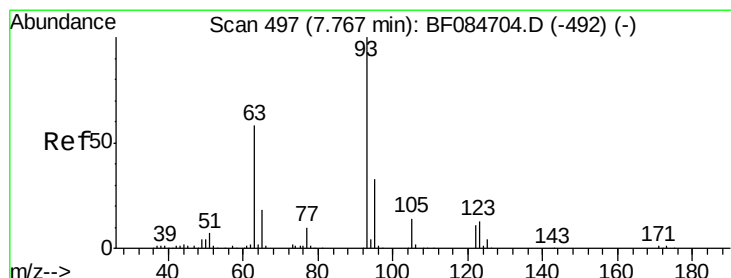
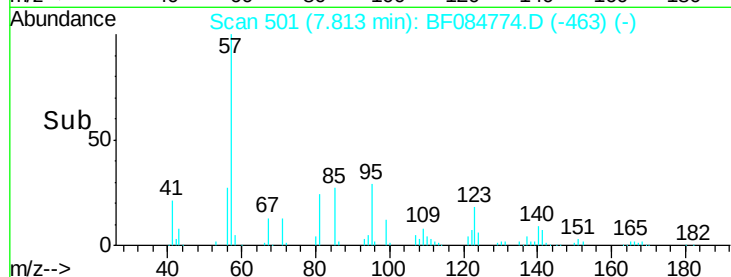
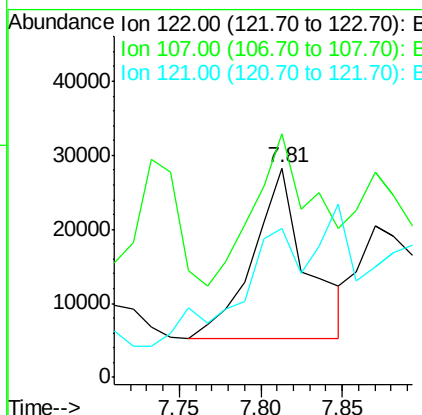
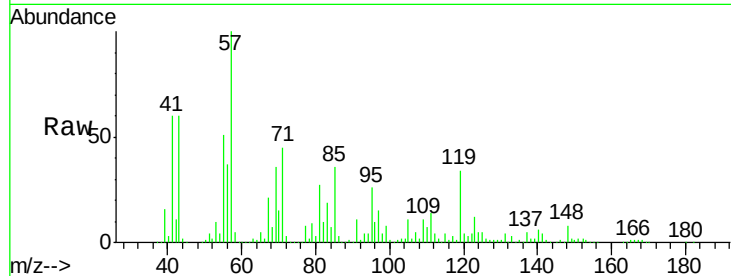




#27
2,4-Dimethylphenol
Concen: 8.32 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.14 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

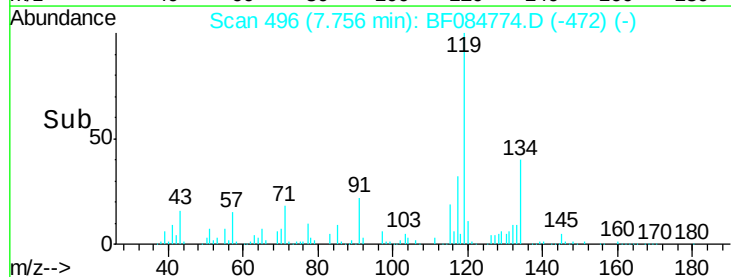
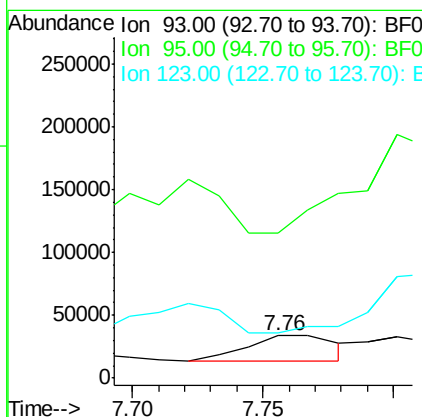
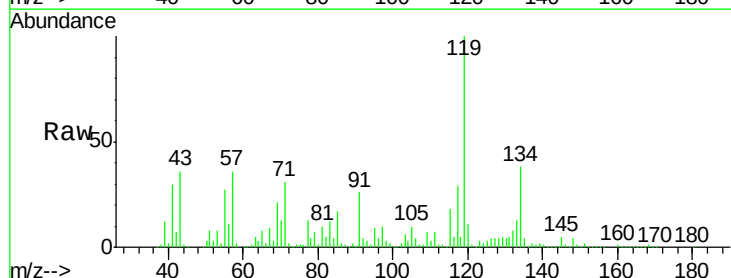
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

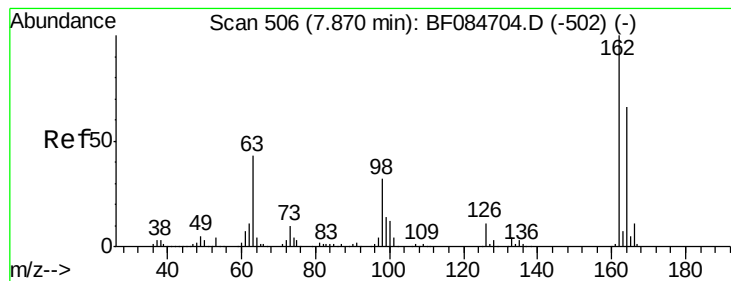
Tgt Ion: 122 Resp: 52345
Ion Ratio Lower Upper
122 100
107 116.4 99.1 148.7
121 71.1 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 6.21 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion: 93 Resp: 49046
Ion Ratio Lower Upper
93 100
95 339.9 25.8 38.6#
123 106.3 8.6 12.8#





#29

2,4-Dichlorophenol

Concen: 6.18 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

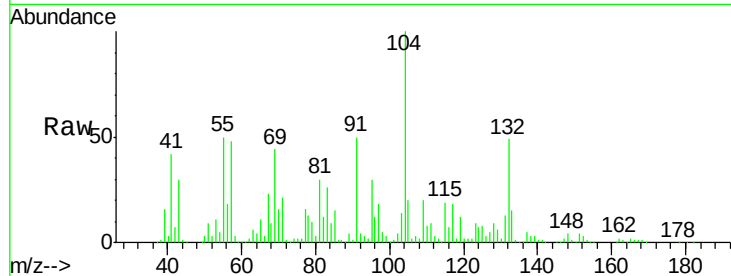
Tgt Ion:162 Resp: 33236

Ion Ratio Lower Upper

162 100

164 8.6 44.1 84.1#

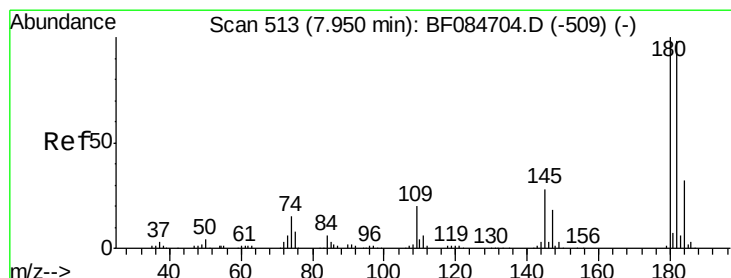
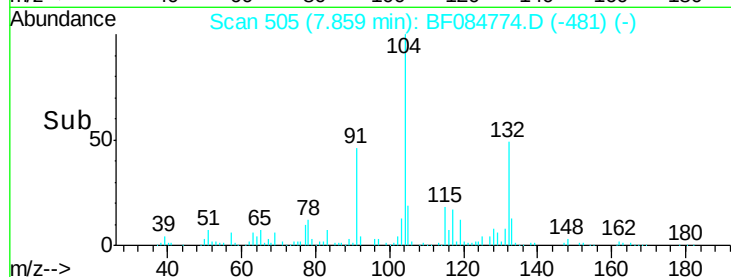
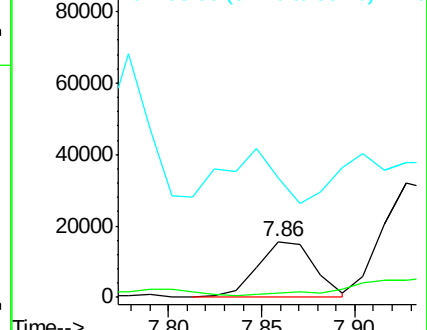
98 215.1 20.2 60.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 5.87 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

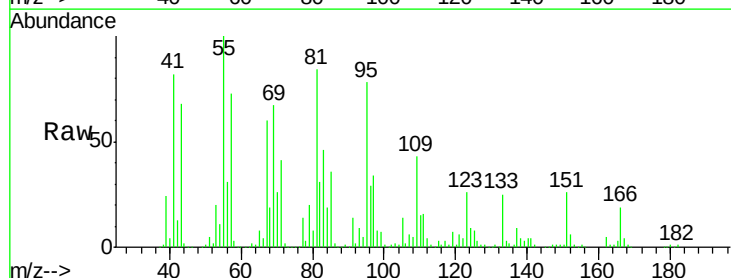
Tgt Ion:180 Resp: 35690

Ion Ratio Lower Upper

180 100

182 55.3 76.4 114.6#

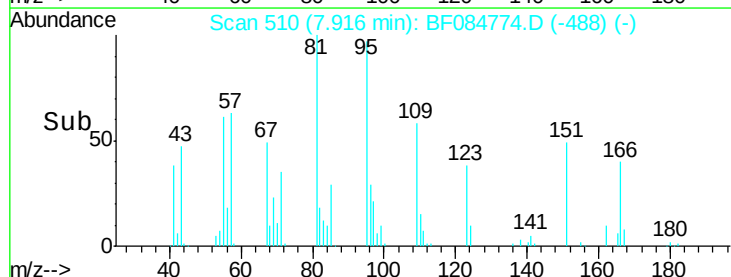
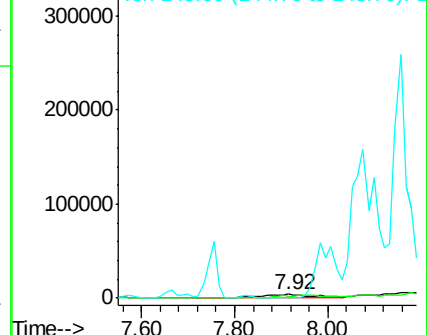
145 11.2 31.6 47.4#

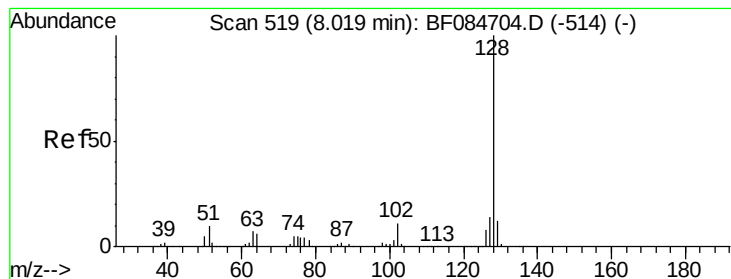


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.99 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

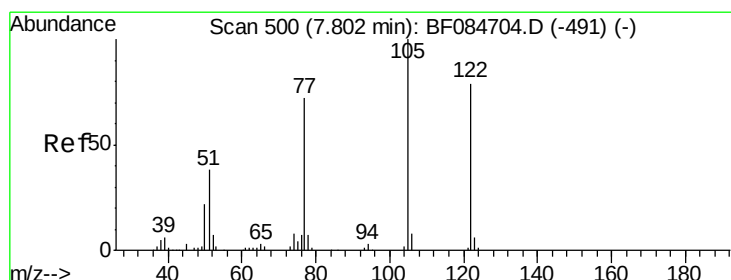
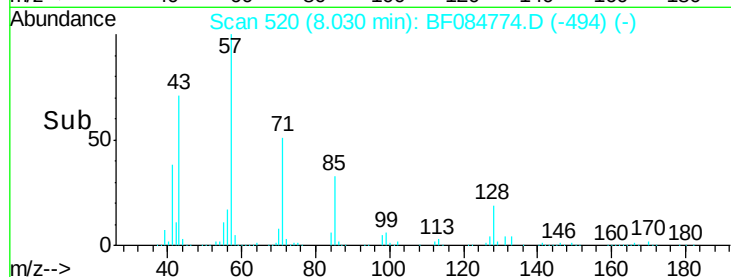
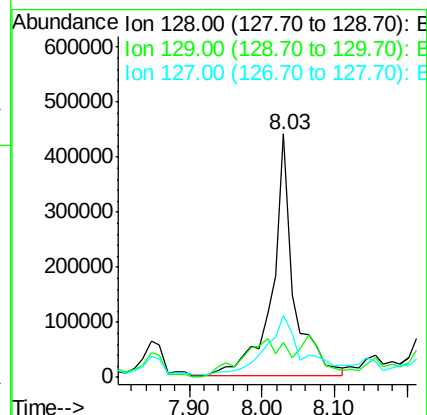
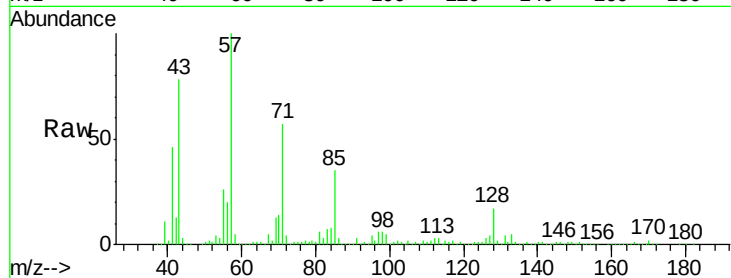
Tgt Ion:128 Resp: 908992

Ion Ratio Lower Upper

128 100

129 14.5 9.1 13.7#

127 25.3 11.1 16.7#



#32

Benzoic acid

Concen: 13.38 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

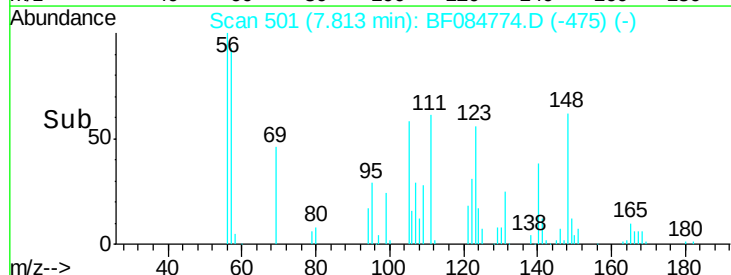
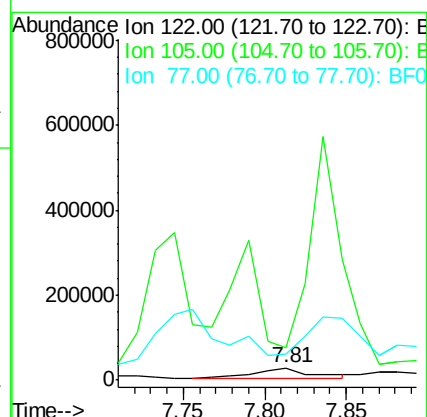
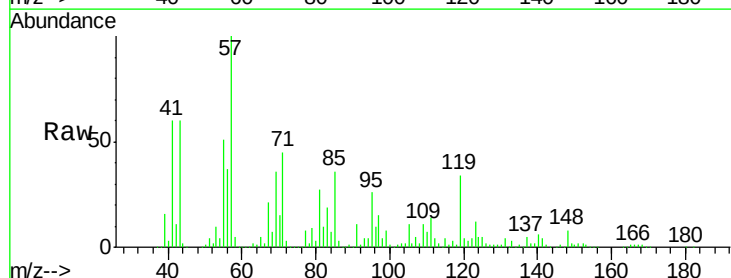
Tgt Ion:122 Resp: 53810

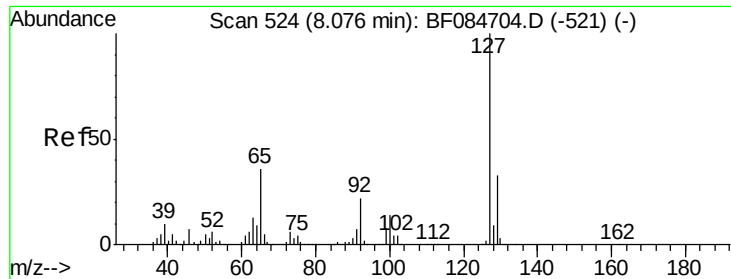
Ion Ratio Lower Upper

122 100

105 271.8 100.3 140.3#

77 211.6 63.5 103.5#

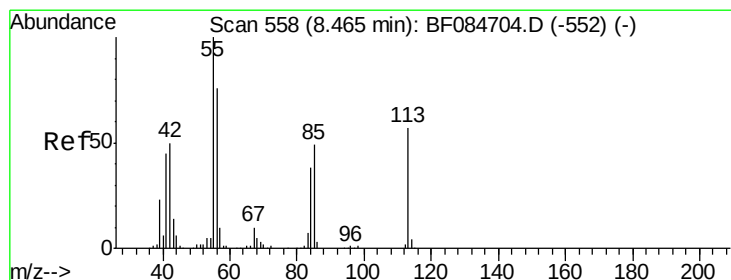
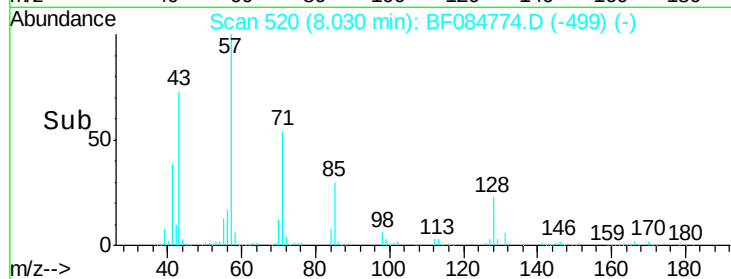
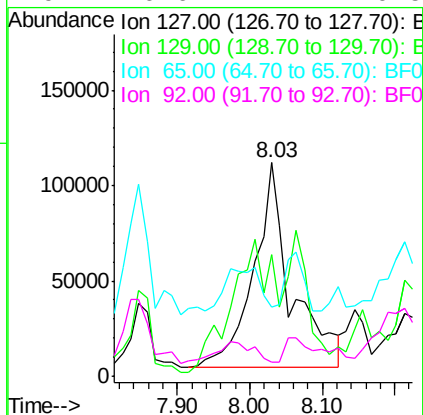
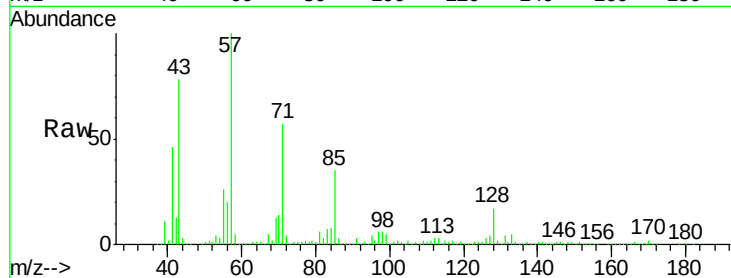




#33
4-Chloroaniline
Concen: 49.16 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

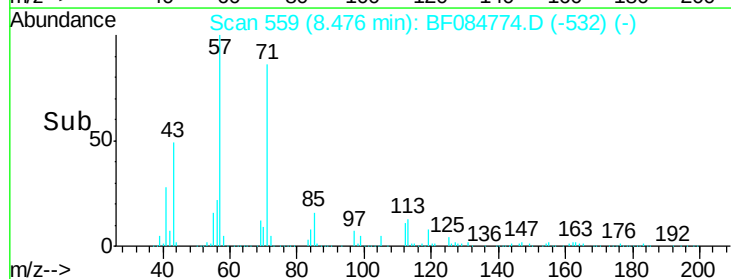
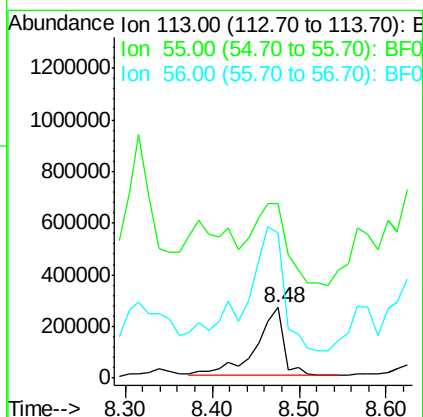
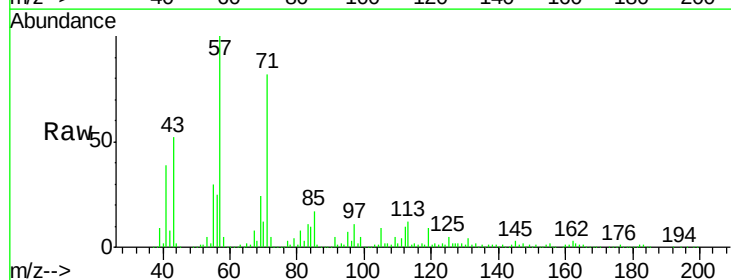
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

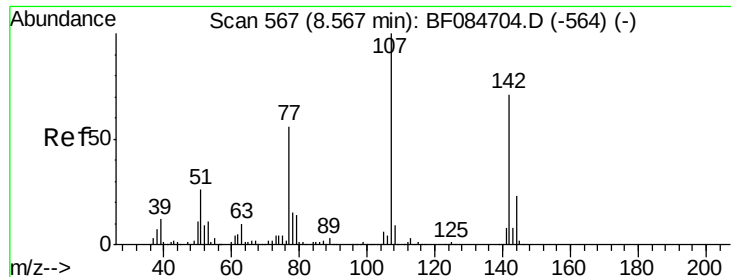
Tgt Ion:	127	Resp:	393306
Ion	Ratio	Lower	Upper
127	100		
129	57.2	26.5	39.7#
65	32.2	27.2	40.8
92	6.6	17.7	26.5#



#35
Caprolactam
Concen: 356.55 ng
RT: 8.48 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion:	113	Resp:	591316
Ion	Ratio	Lower	Upper
113	100		
55	246.5	116.9	156.9#
56	205.6	93.8	133.8#





#36

4-Chloro-3-methylphenol

Concen: 16.53 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.03 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

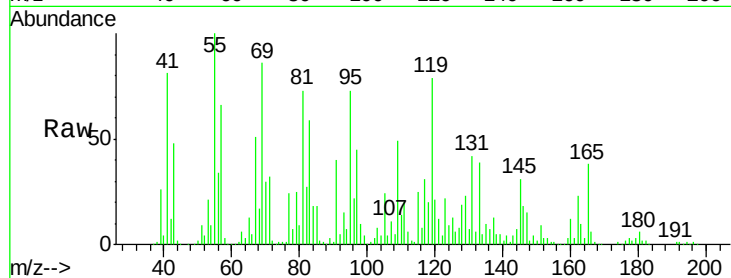
Tgt Ion:107 Resp: 101449

Ion Ratio Lower Upper

107 100

144 60.8 19.7 29.5#

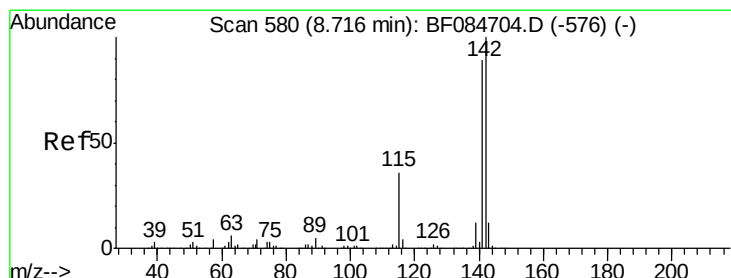
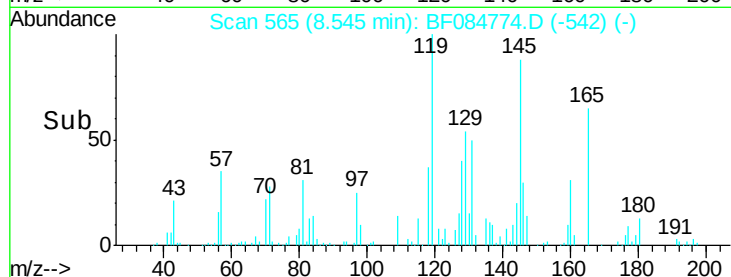
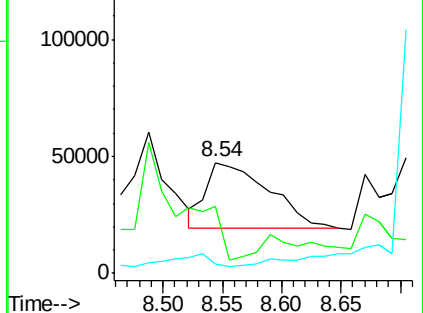
142 8.9 61.8 92.6#



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: 257.68 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

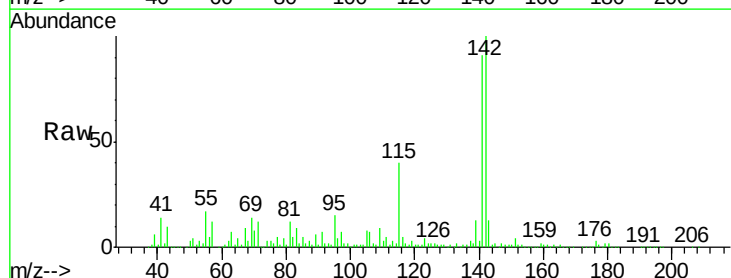
Tgt Ion:142 Resp: 3119491

Ion Ratio Lower Upper

142 100

141 90.7 72.4 108.6

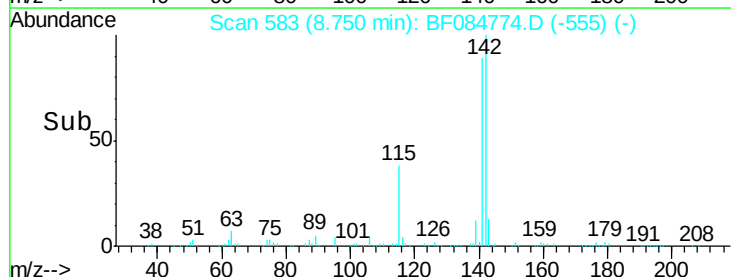
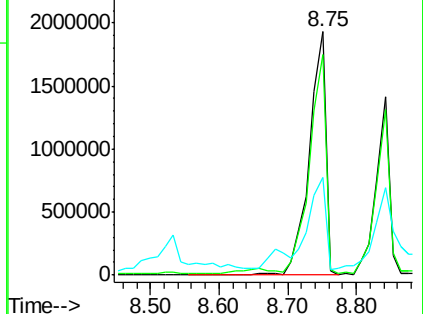
115 39.9 27.9 41.9

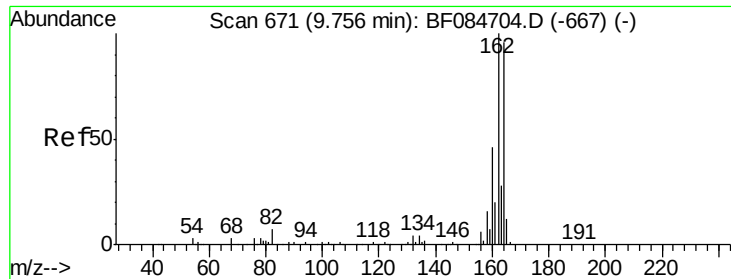


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.78 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

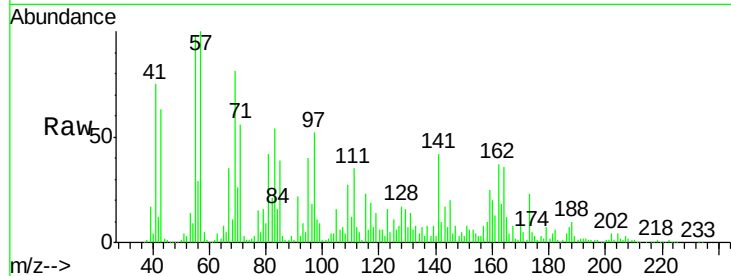
Tgt Ion:164 Resp: 219725

Ion Ratio Lower Upper

164 100

162 100.7 85.1 127.7

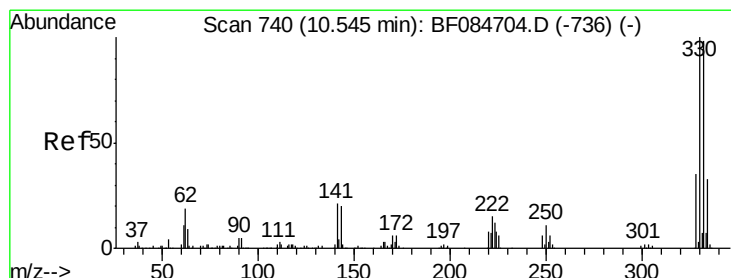
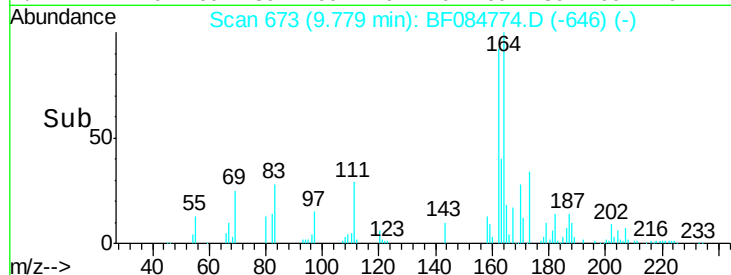
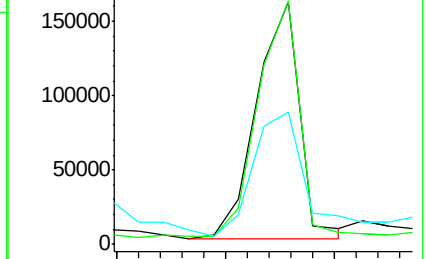
160 54.7 37.5 56.3



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: 140.09 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.03 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

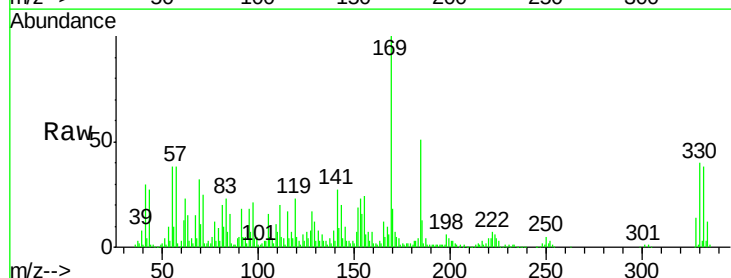
Tgt Ion:330 Resp: 321082

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

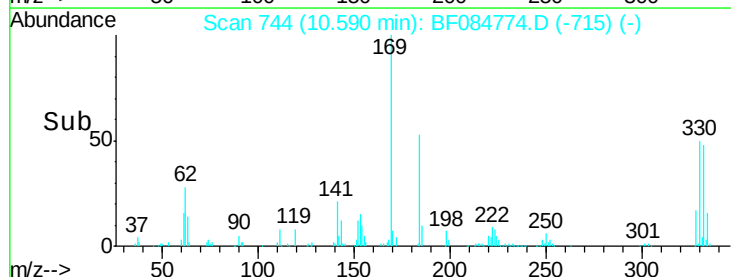
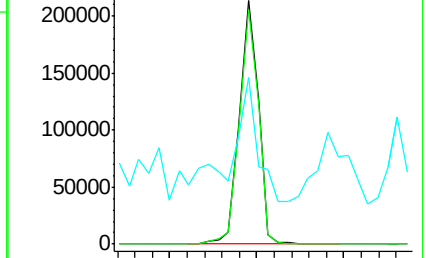
141 47.1 27.8 41.6#

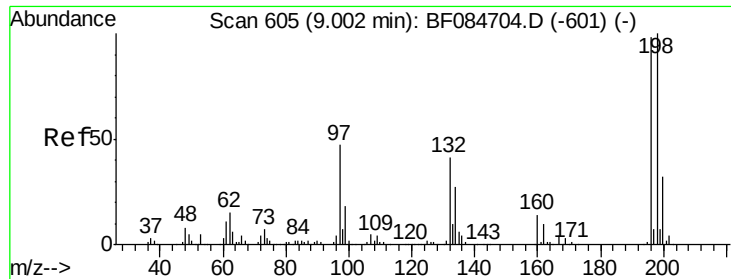


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

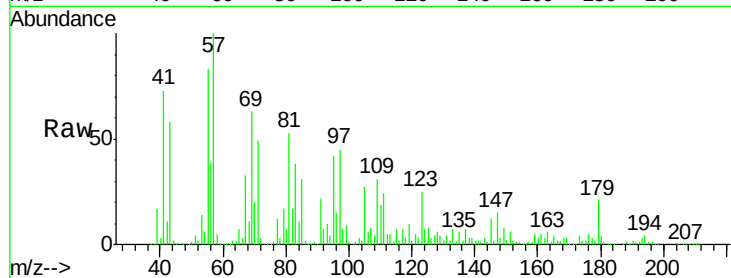




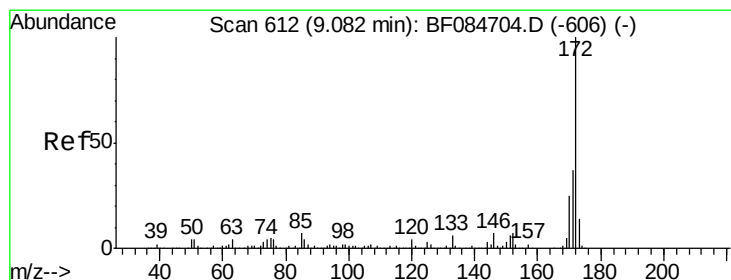
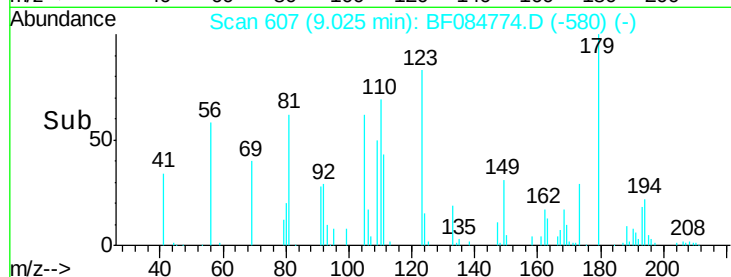
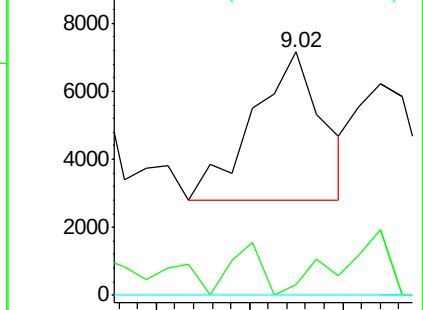
#42
 2,4,6-Trichlorophenol
 Concen: 2.51 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Tgt Ion:196 Resp: 11288
 Ion Ratio Lower Upper
 196 100
 198 4.3 77.7 116.5#
 200 0.0 24.6 37.0#

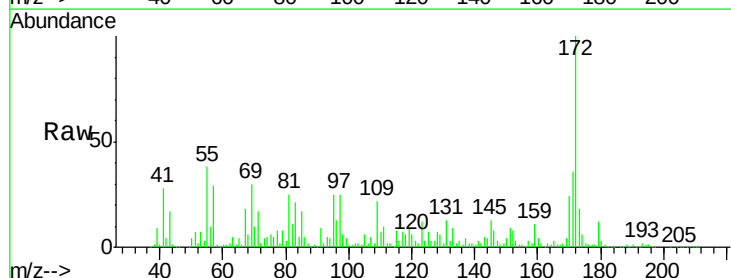


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

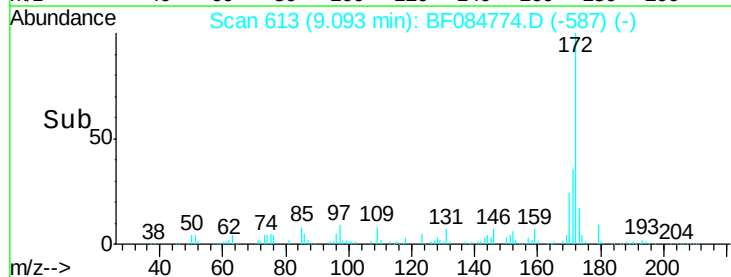
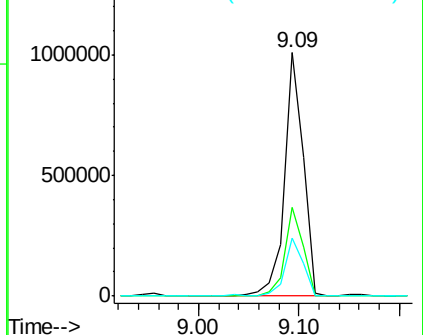


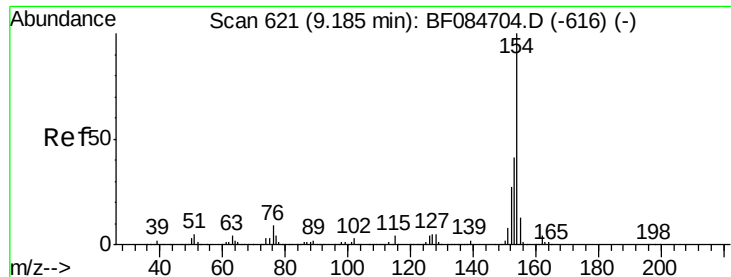
#44
 2-Fluorobiphenyl
 Concen: 110.84 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

Tgt Ion:172 Resp: 1299330
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.0 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: 20.58 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

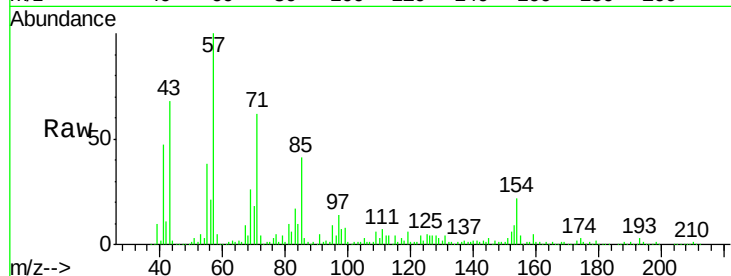
Tgt Ion: 154 Resp: 403958

Ion Ratio Lower Upper

154 100

153 41.0 21.6 61.6

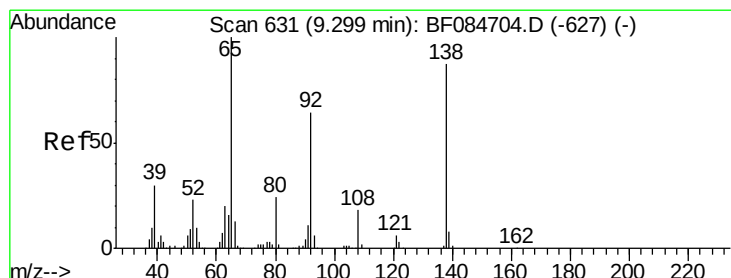
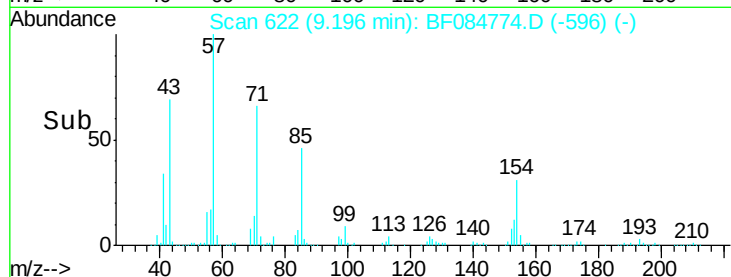
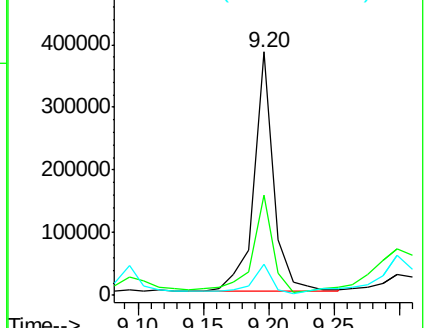
76 12.9 0.0 32.7



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): E



#47

2-Nitroaniline

Concen: 6.27 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.07 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

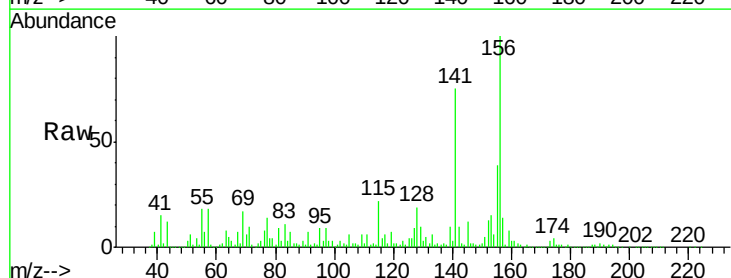
Tgt Ion: 65 Resp: 28694

Ion Ratio Lower Upper

65 100

92 35.6 53.4 80.2#

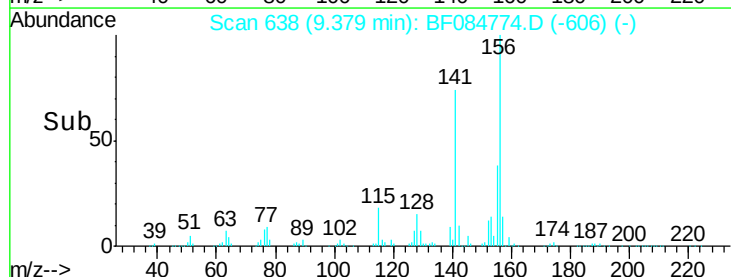
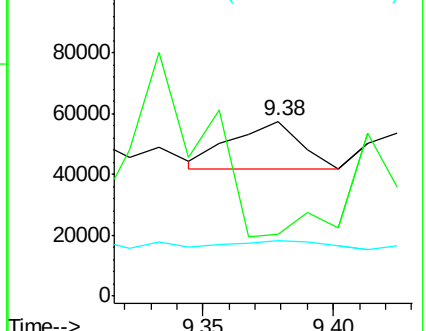
138 32.0 71.1 106.7#

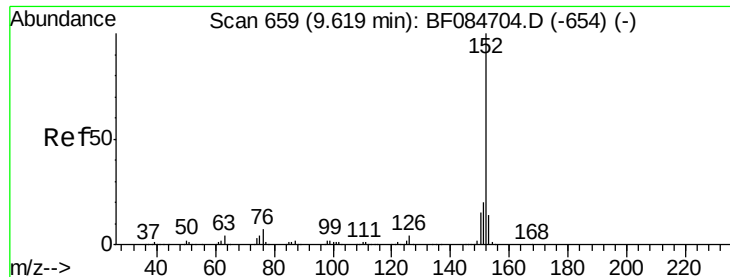


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 4.81 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

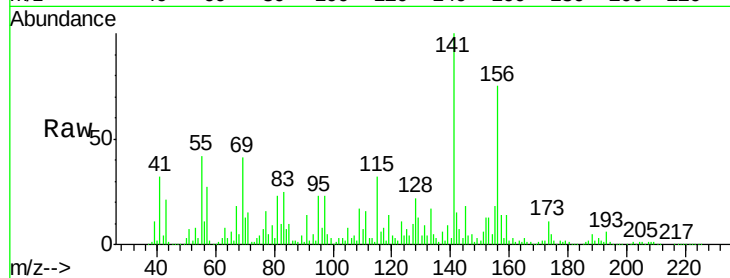
Tgt Ion:152 Resp: 105490

Ion Ratio Lower Upper

152 100

151 47.7 16.3 24.5#

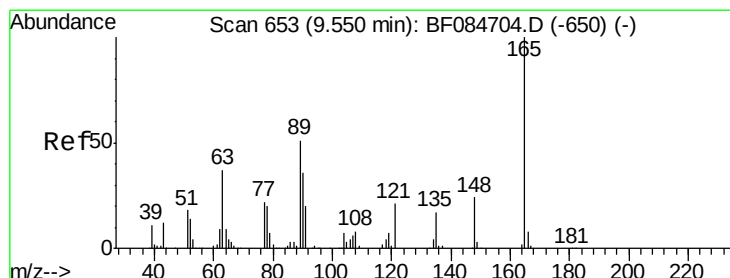
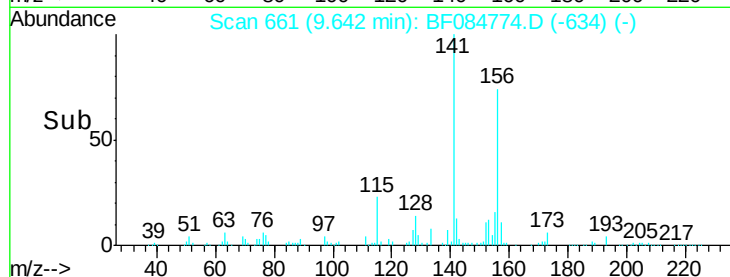
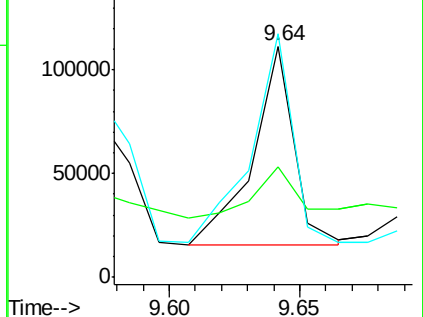
153 105.4 10.4 15.6#



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: 4.73 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

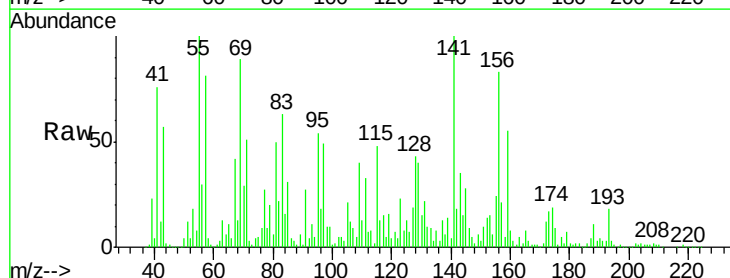
Tgt Ion:165 Resp: 17308

Ion Ratio Lower Upper

165 100

63 168.9 28.8 43.2#

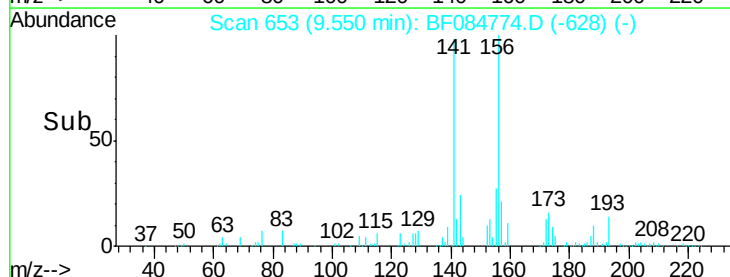
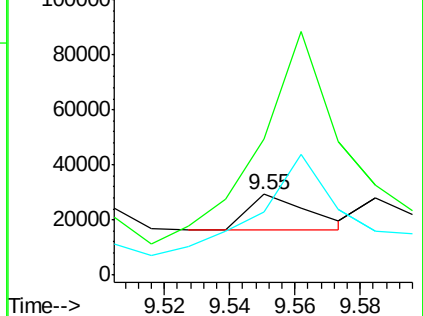
89 79.2 35.1 52.7#

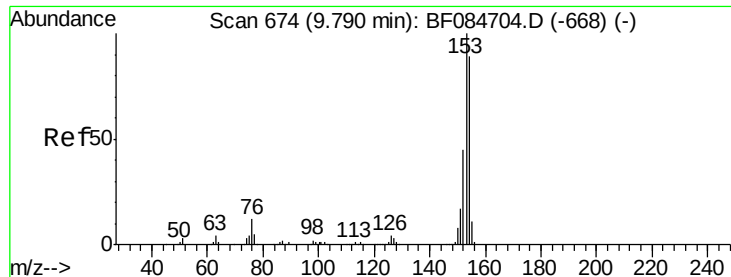


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 16.70 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

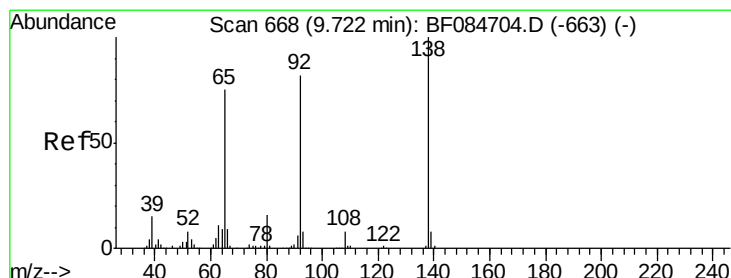
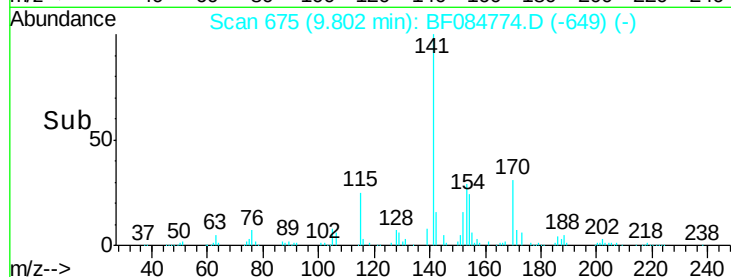
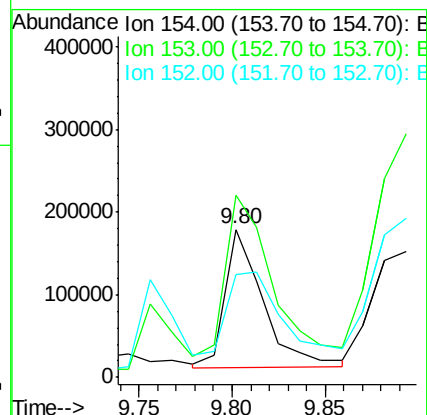
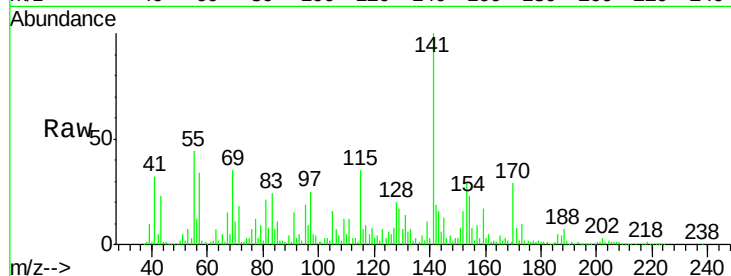
Tgt Ion:154 Resp: 238308

Ion Ratio Lower Upper

154 100

153 122.9 91.5 137.3

152 69.6 43.0 64.6#



#52

3-Nitroaniline

Concen: 4.90 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.03 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

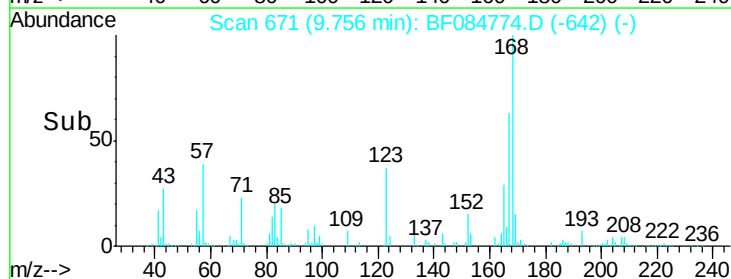
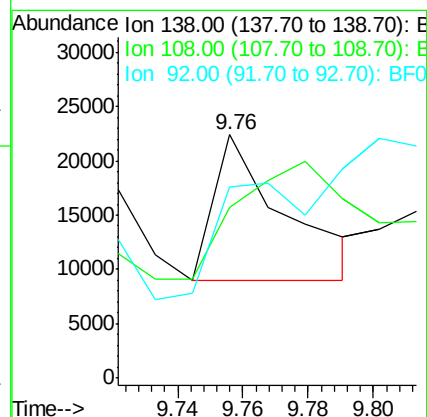
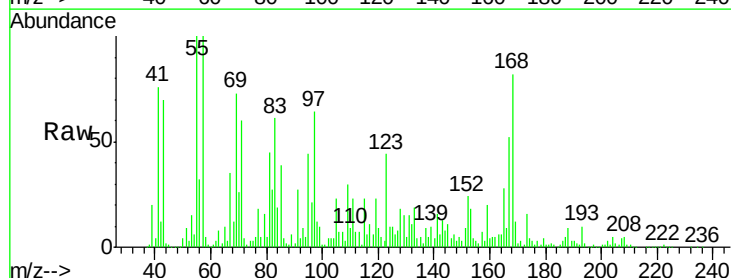
Tgt Ion:138 Resp: 20135

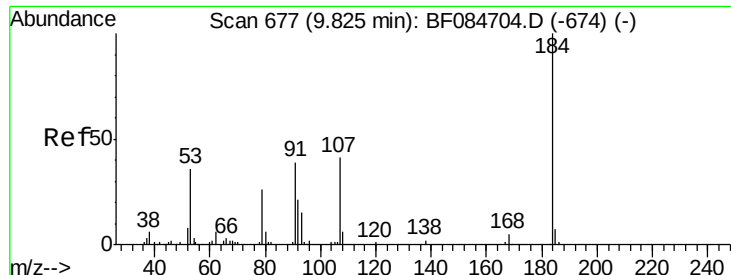
Ion Ratio Lower Upper

138 100

108 70.3 10.5 15.7#

92 78.3 103.9 155.9#

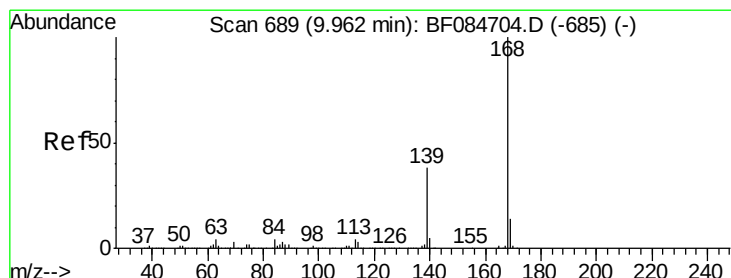
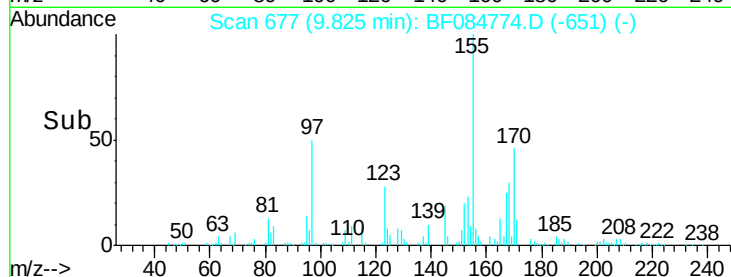
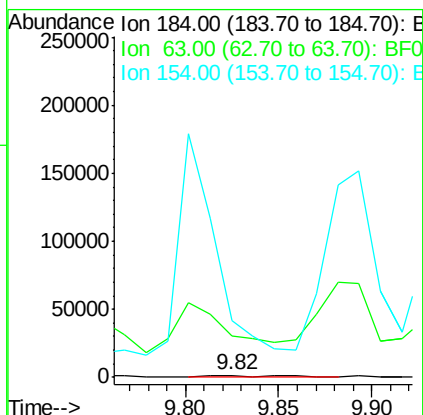
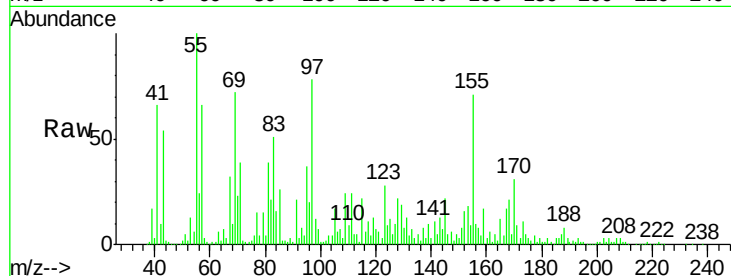




#53
 2,4-Dinitrophenol
 Concen: 7.05 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

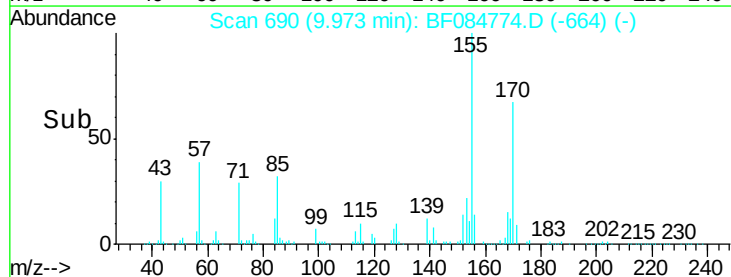
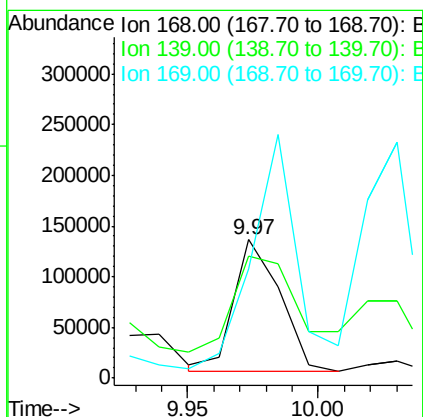
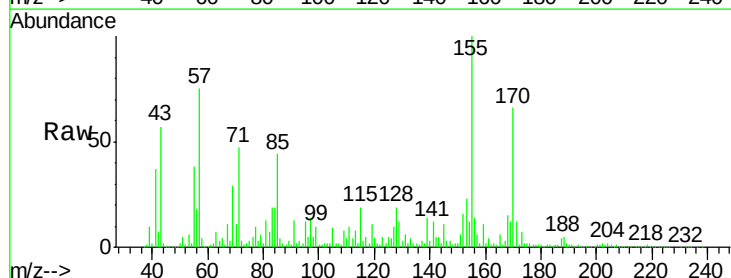
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

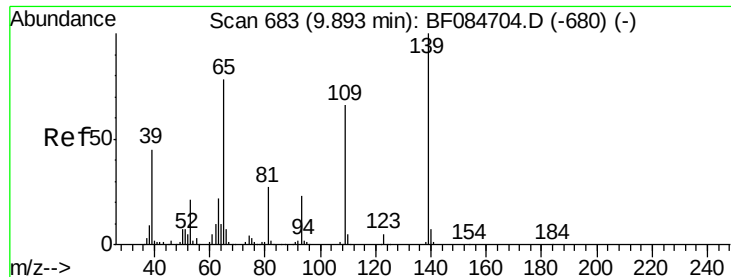
Tgt Ion:184 Resp: 2280
 Ion Ratio Lower Upper
 184 100
 63 2445.4 43.1 64.7#
 154 3364.8 60.5 90.7#



#54
 Dibenzofuran
 Concen: 9.15 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

Tgt Ion:168 Resp: 159495
 Ion Ratio Lower Upper
 168 100
 139 88.8 30.5 45.7#
 169 78.7 10.4 15.6#





#55

4-Nitrophenol

Concen: 77.61 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

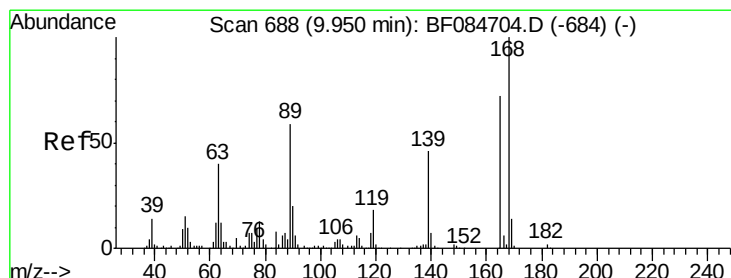
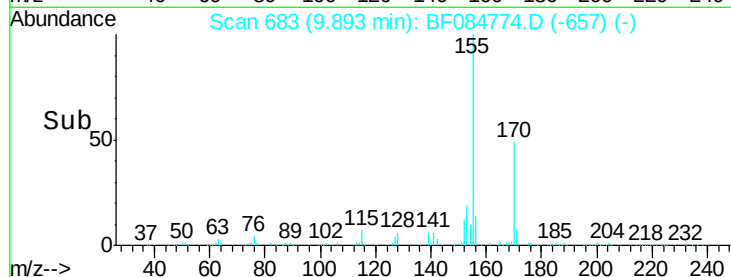
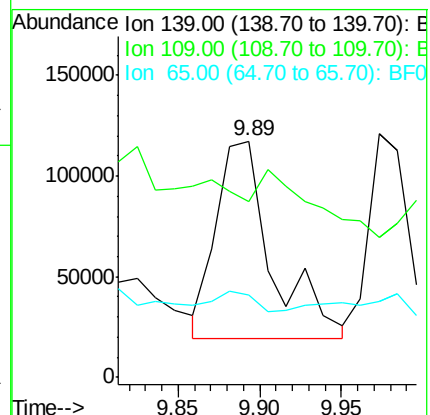
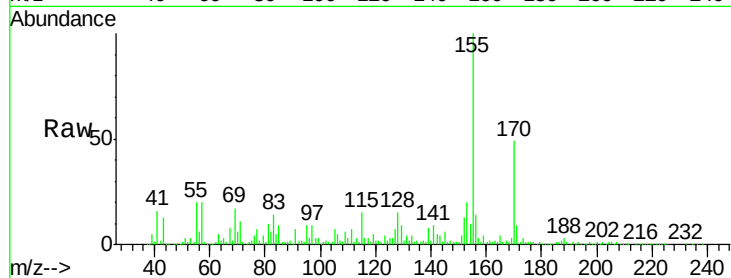
Tgt Ion:139 Resp: 234336

Ion Ratio Lower Upper

139 100

109 74.6 58.5 98.5

65 34.9 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 19.01 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.02 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Tgt Ion:165 Resp: 88651

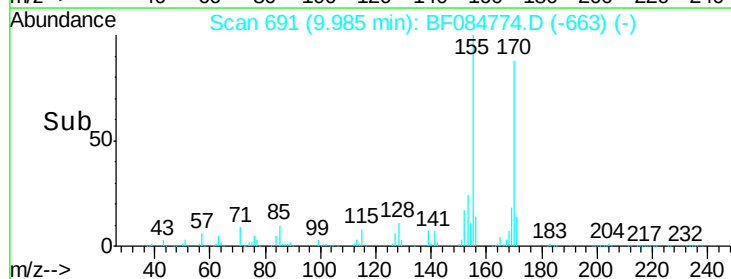
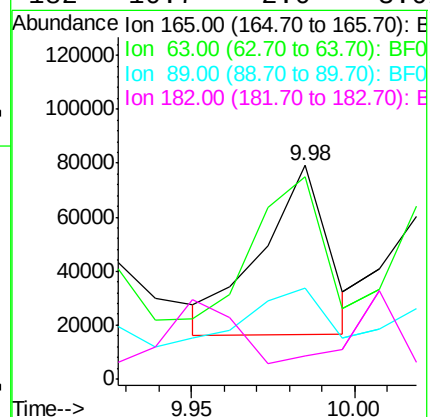
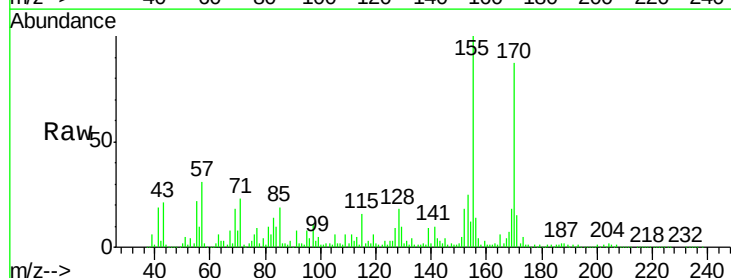
Ion Ratio Lower Upper

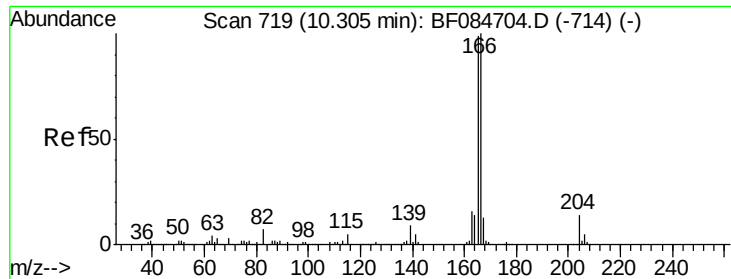
165 100

63 94.9 36.7 55.1#

89 42.6 61.9 92.9#

182 10.7 2.0 3.0#

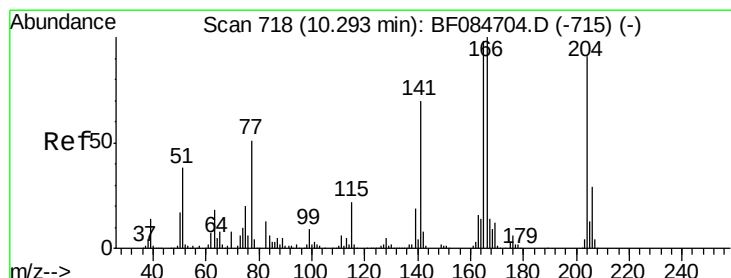
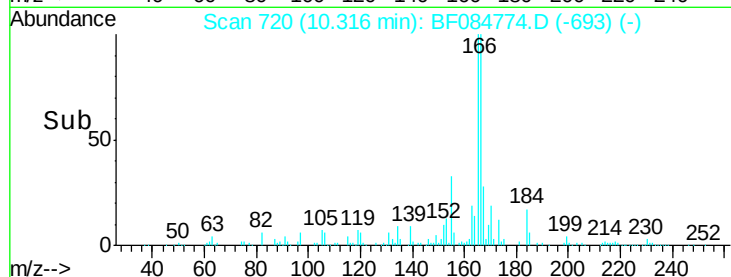
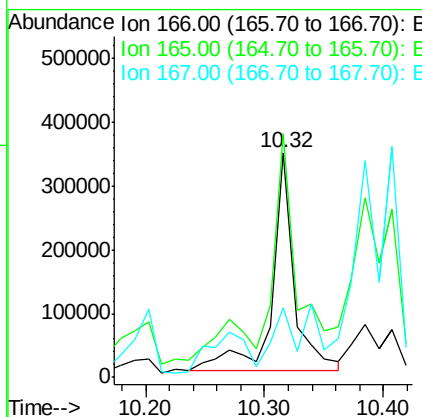
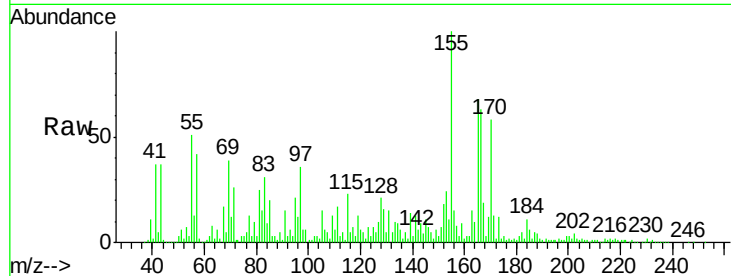




#57
Fluorene
 Concen: 30.36 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

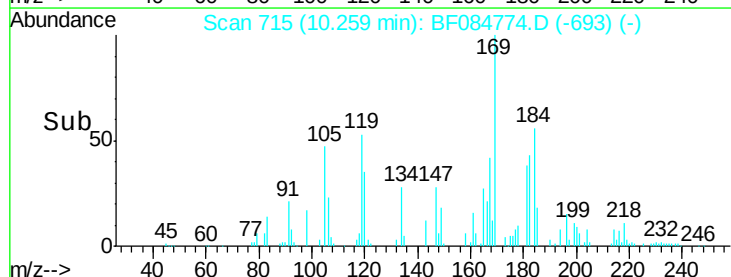
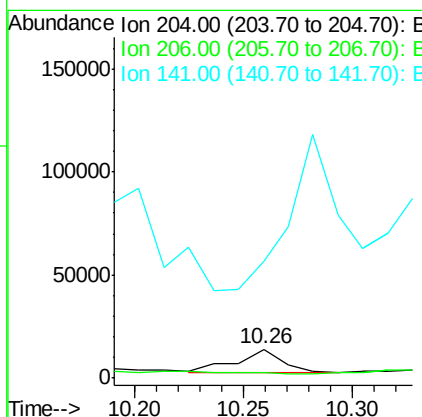
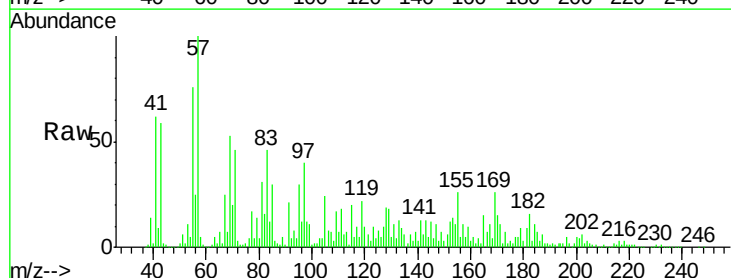
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

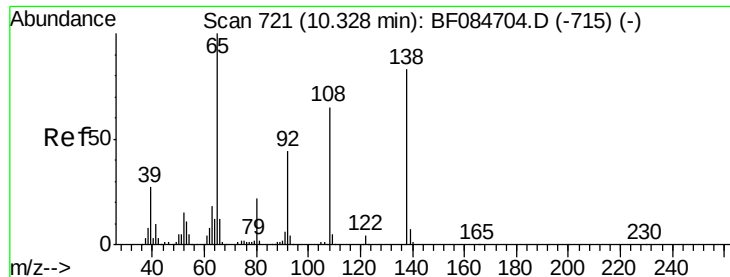
Tgt Ion:166 Resp: 442185
 Ion Ratio Lower Upper
 166 100
 165 108.3 79.1 118.7
 167 30.8 10.4 15.6#



#60
4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.26 min Scan# 715
 Delta R.T. -0.05 min
 Lab File: BF084774.D
 Acq: 3 Feb 2016 5:45

Tgt Ion:204 Resp: 16110
 Ion Ratio Lower Upper
 204 100
 206 18.2 25.7 38.5#
 141 400.5 55.1 82.7#

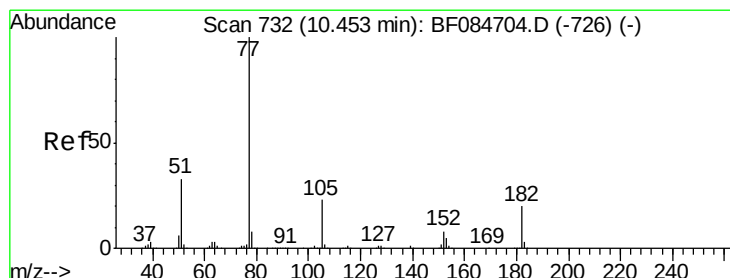
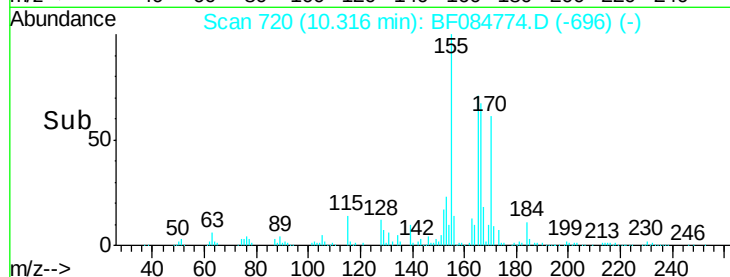
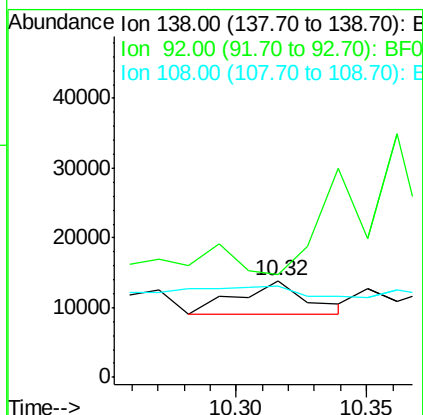
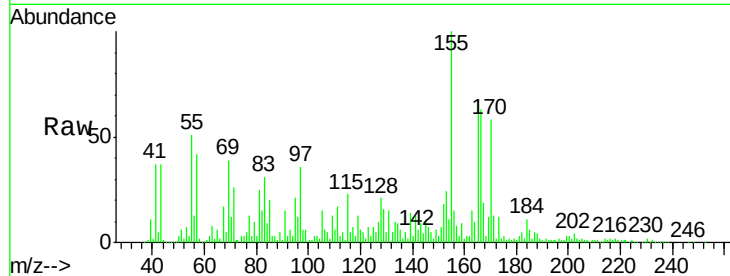




#61
4-Nitroaniline
Concen: 2.16 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

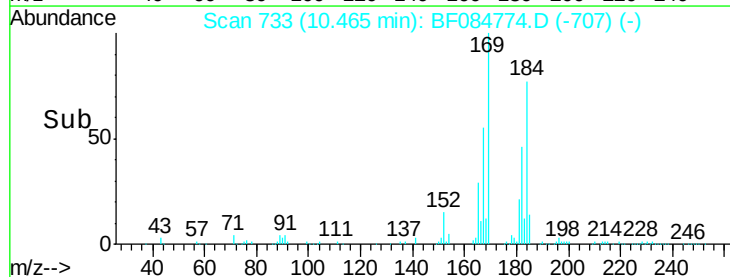
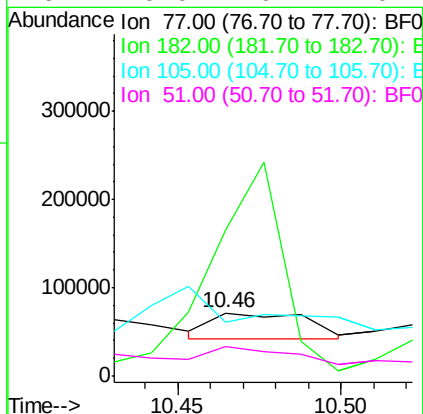
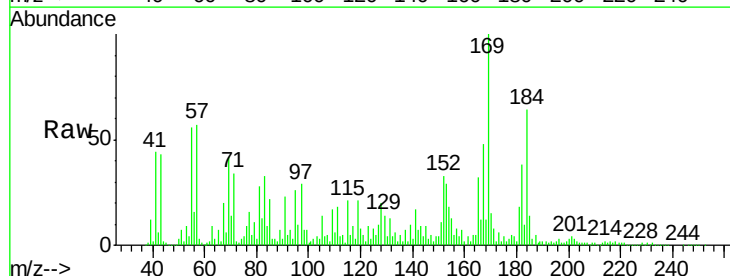
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

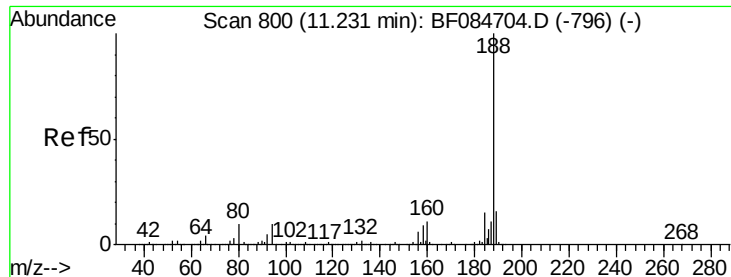
Tgt Ion: 138 Resp: 8639
Ion Ratio Lower Upper
138 100
92 106.1 32.6 72.6#
108 94.0 68.6 108.6



#62
Azobenzene
Concen: 3.83 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion: 77 Resp: 60114
Ion Ratio Lower Upper
77 100
182 232.1 8.3 48.3#
105 86.1 4.6 44.6#
51 46.0 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

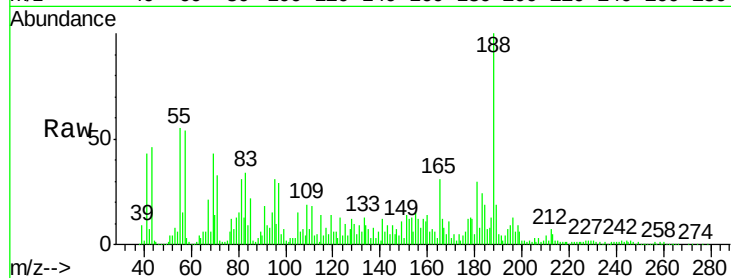
Tgt Ion:188 Resp: 421287

Ion Ratio Lower Upper

188 100

94 14.5 9.0 13.4#

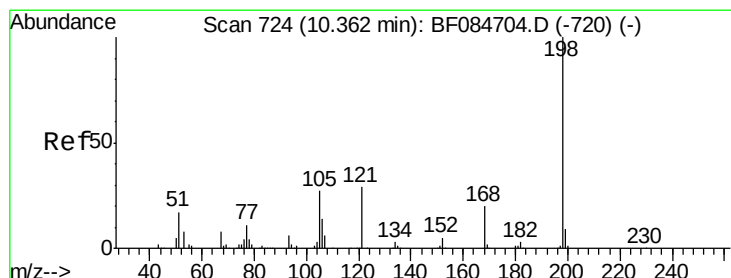
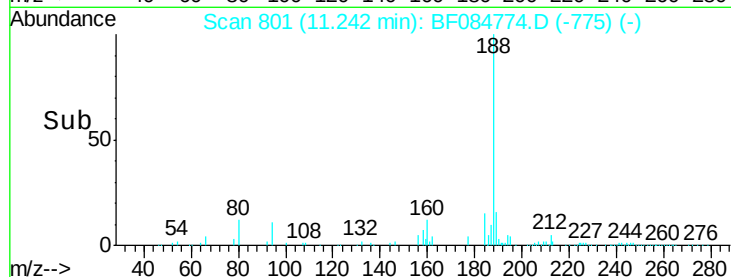
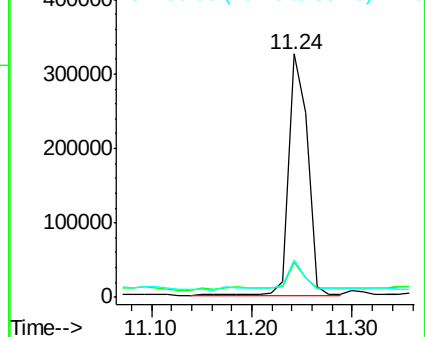
80 15.3 9.6 14.4#



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: 2.82 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.06 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

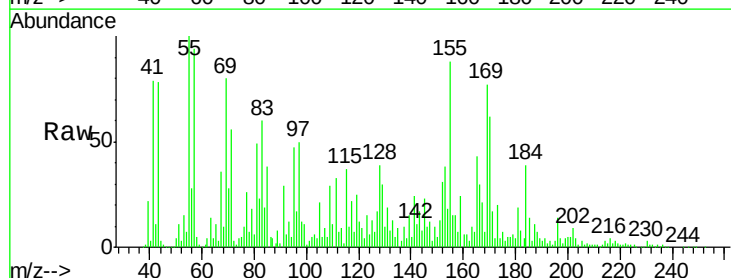
Tgt Ion:198 Resp: 7326

Ion Ratio Lower Upper

198 100

51 673.7 18.9 58.9#

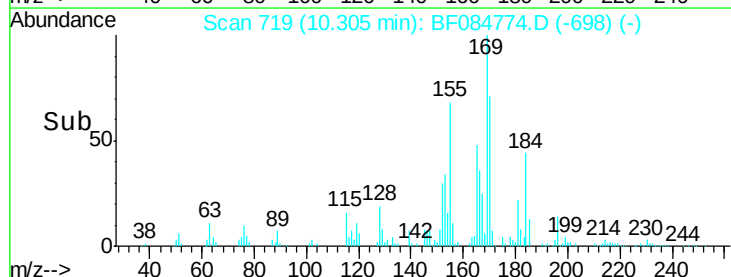
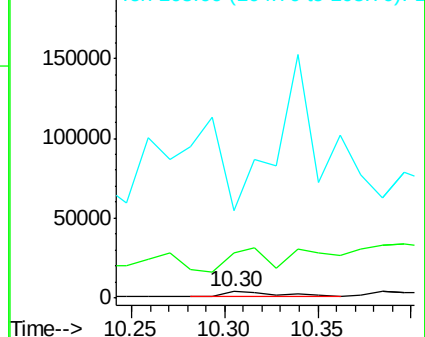
105 1294.8 26.4 66.4#

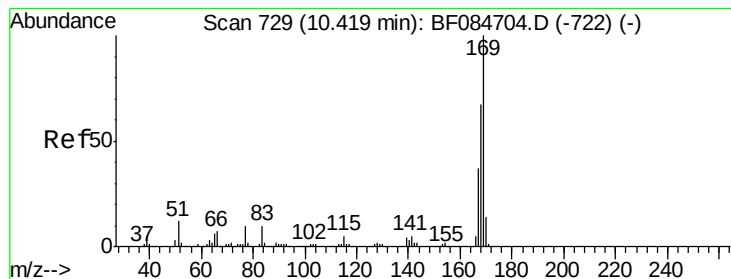


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 66.58 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

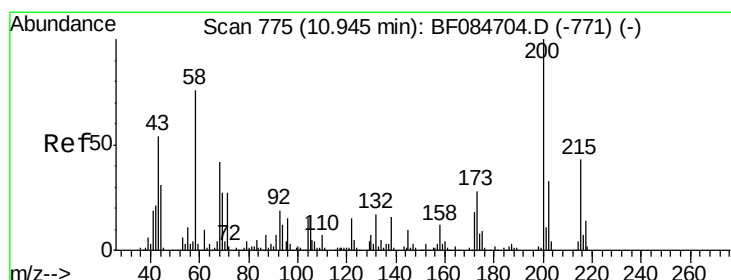
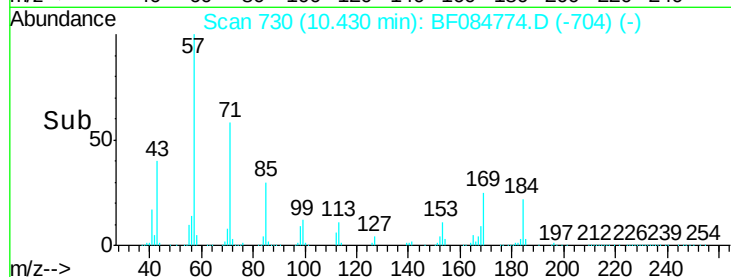
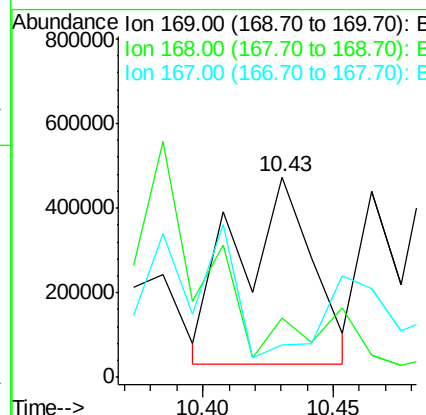
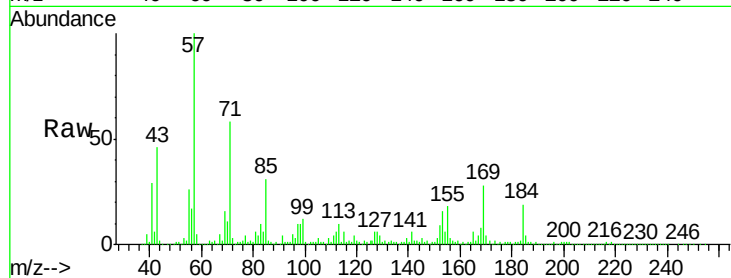
Tgt Ion:169 Resp: 890631

Ion Ratio Lower Upper

169 100

168 29.4 55.1 82.7#

167 16.0 30.0 45.0#



#68

Atrazine

Concen: 3.93 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

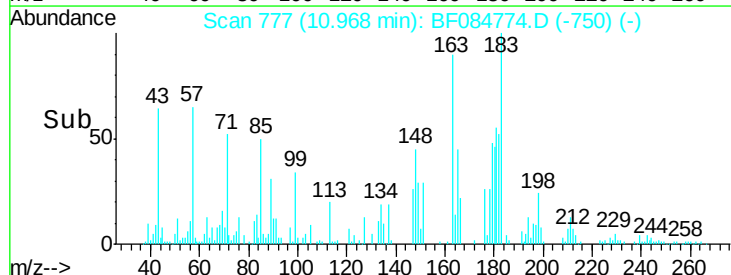
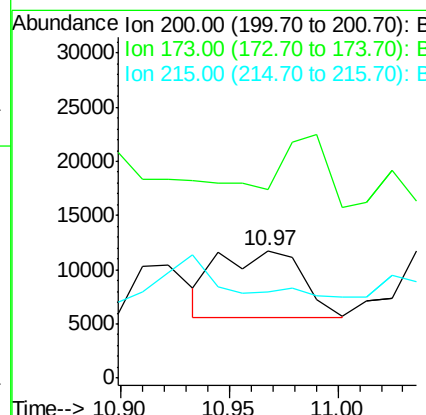
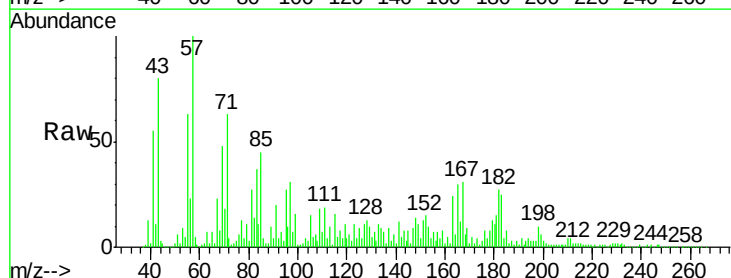
Tgt Ion:200 Resp: 16623

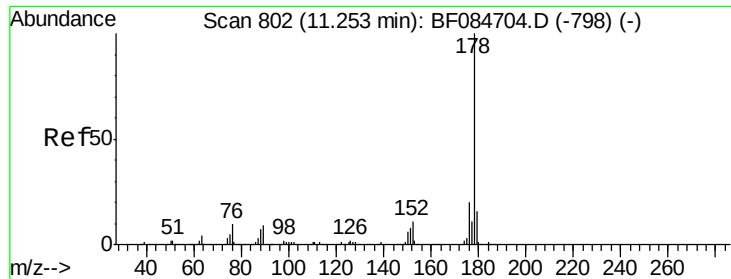
Ion Ratio Lower Upper

200 100

173 148.3 9.5 49.5#

215 68.0 23.8 63.8#

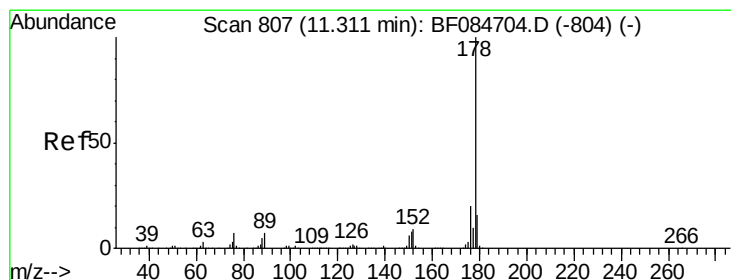
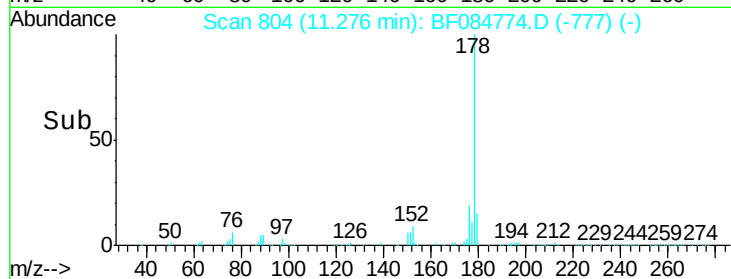
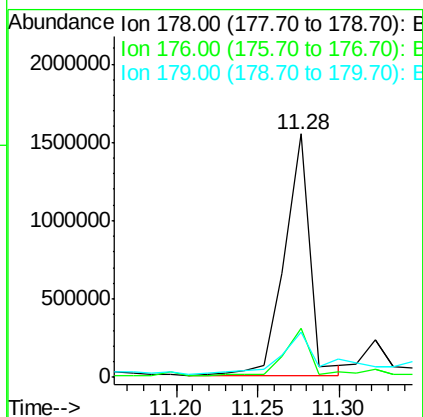
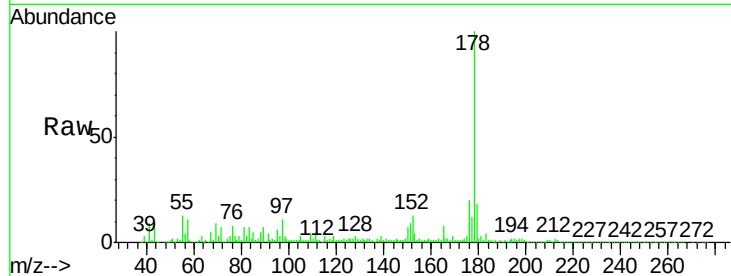




#70
Phenanthrene
Concen: 71.08 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

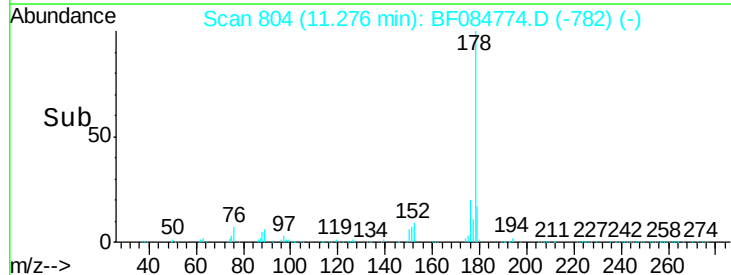
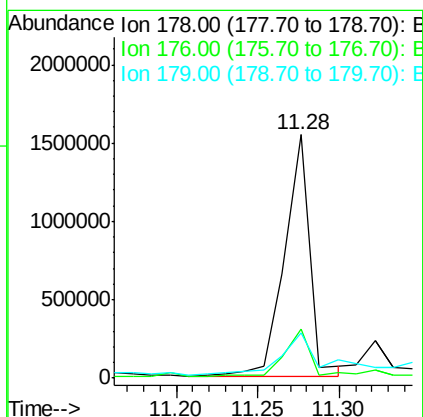
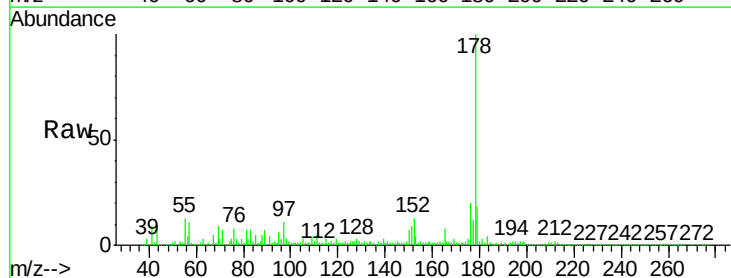
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

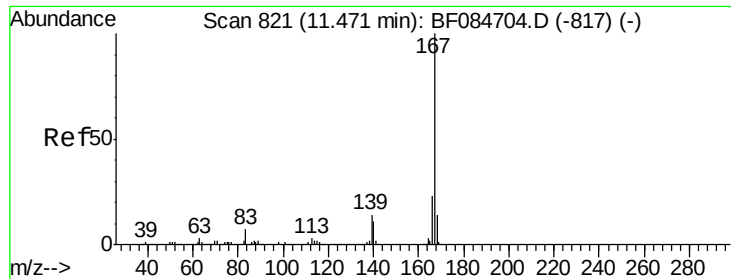
Tgt Ion:178 Resp: 1660941
Ion Ratio Lower Upper
178 100
176 20.4 15.3 22.9
179 18.4 12.0 18.0#



#71
Anthracene
Concen: 70.54 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Tgt Ion:178 Resp: 1660941
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.0
179 18.4 12.5 18.7





#72

Carbazole

Concen: 5.48 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

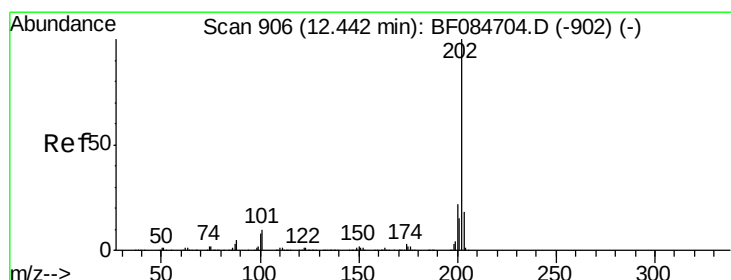
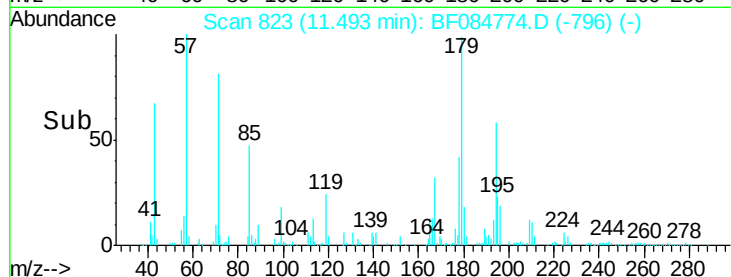
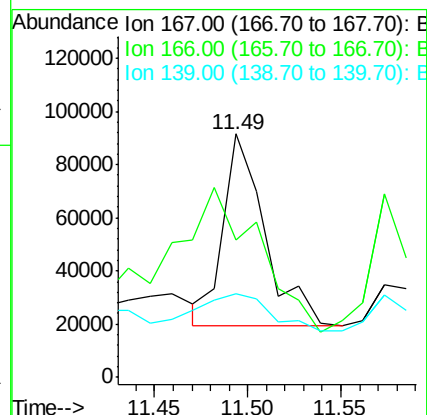
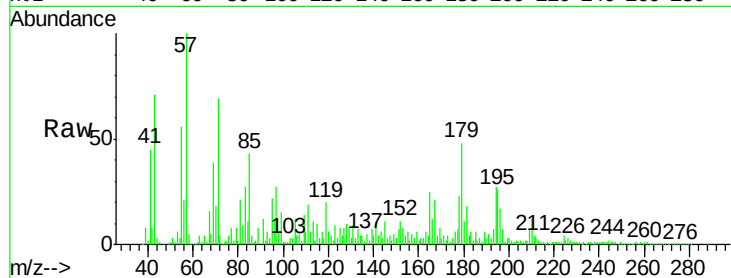
Tgt Ion:167 Resp: 112419

Ion Ratio Lower Upper

167 100

166 56.5 17.6 26.4#

139 34.1 11.8 17.8#



#74

Fluoranthene

Concen: 12.74 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.22 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

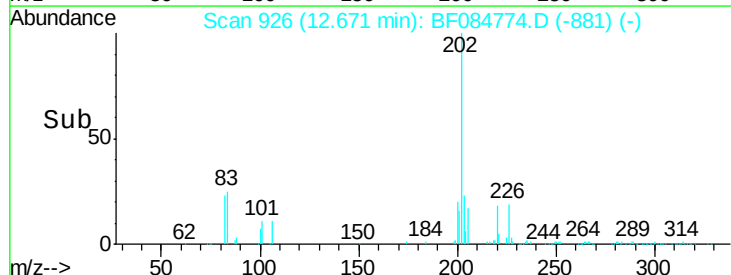
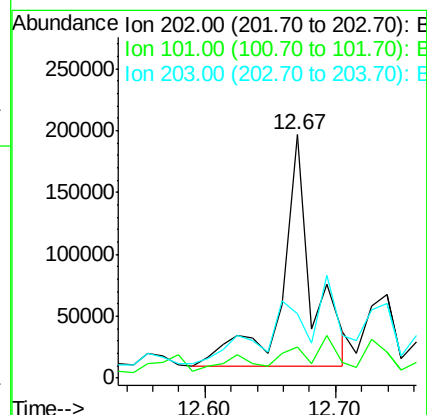
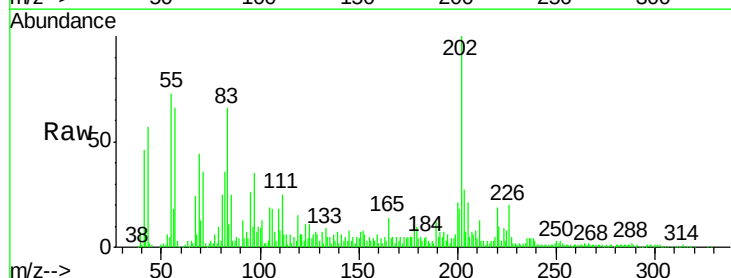
Tgt Ion:202 Resp: 301312

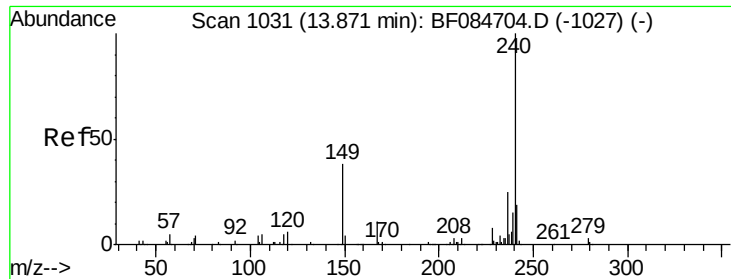
Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.8

203 26.7 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: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

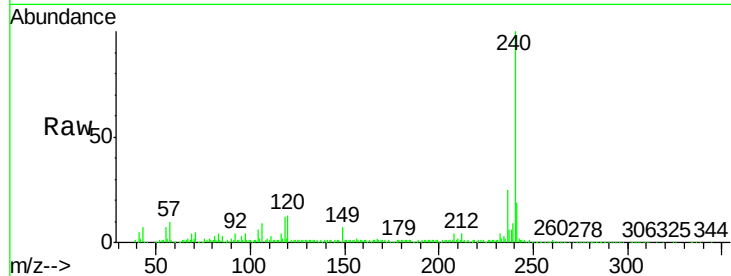
Tgt Ion:240 Resp: 388938

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

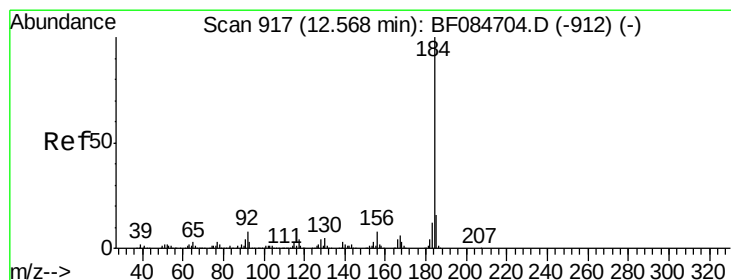
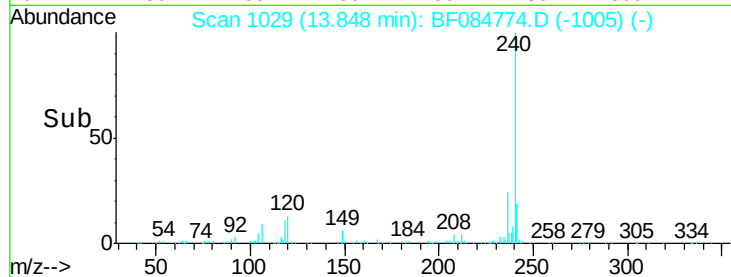
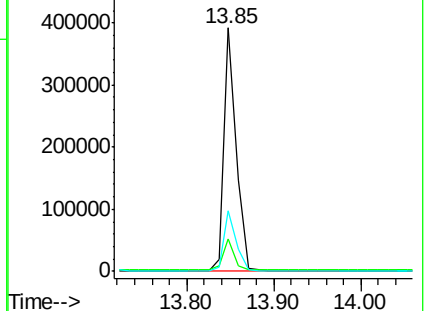
236 24.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.58 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

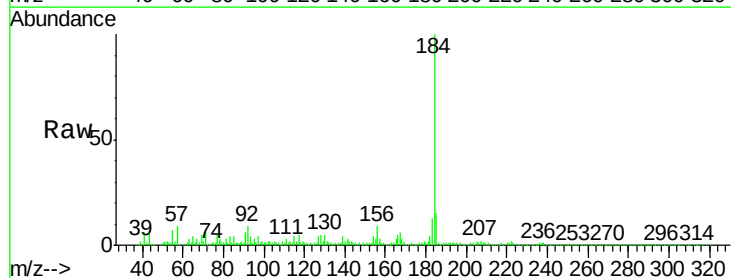
Tgt Ion:184 Resp: 1615443

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

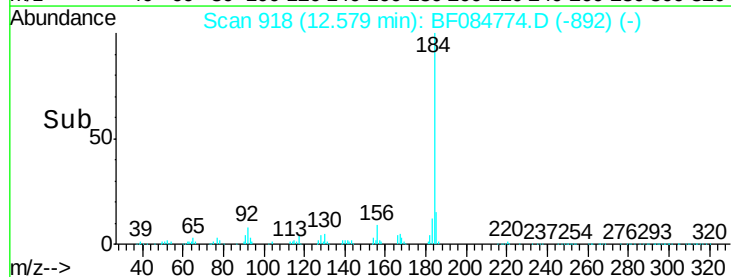
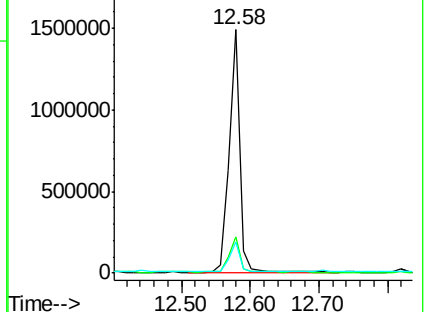
183 12.8 9.8 14.8

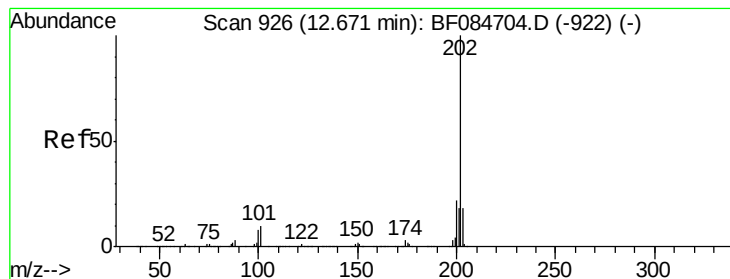


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 10.33 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

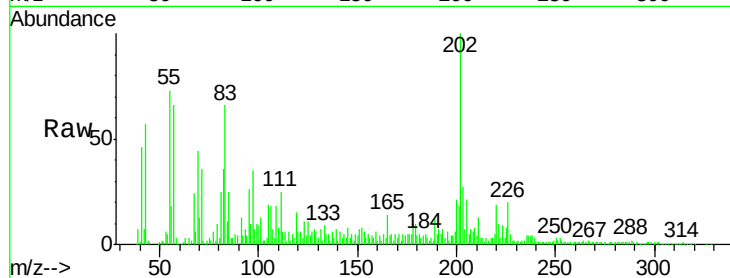
Tgt Ion:202 Resp: 307755

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

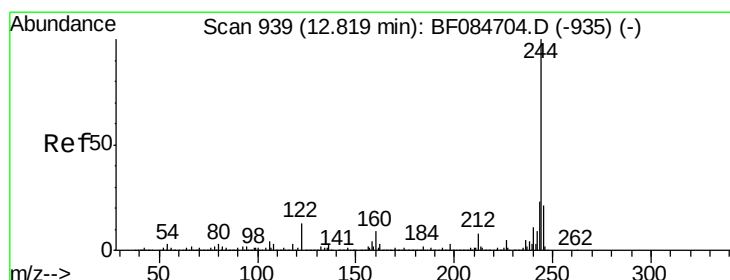
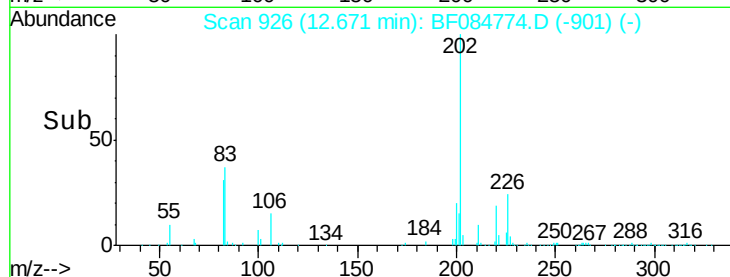
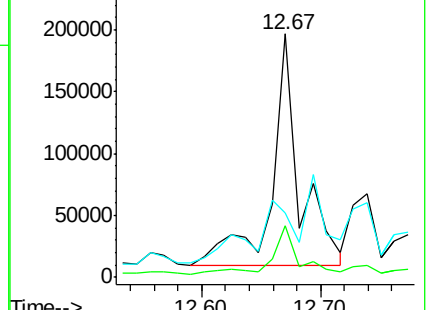
203 26.7 14.3 21.5#



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: 76.06 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084774.D

Acq: 3 Feb 2016 5:45

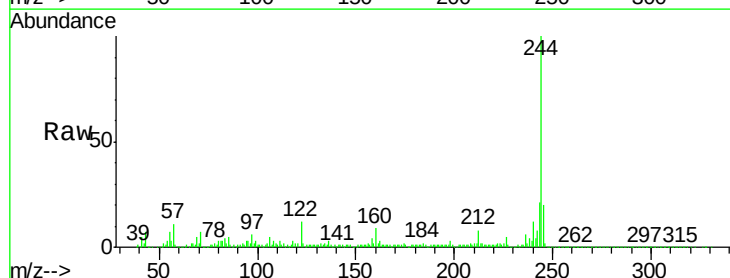
Tgt Ion:244 Resp: 1305457

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

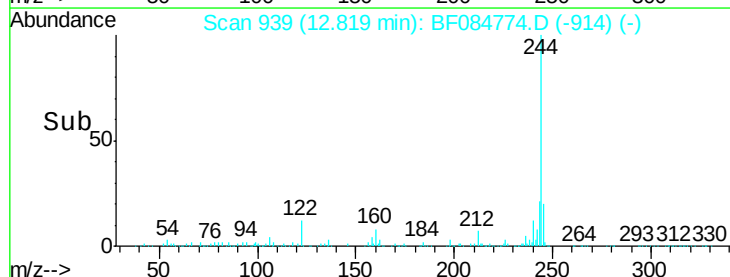
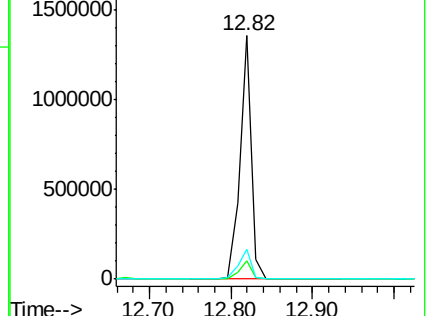
122 12.2 7.4 11.0#

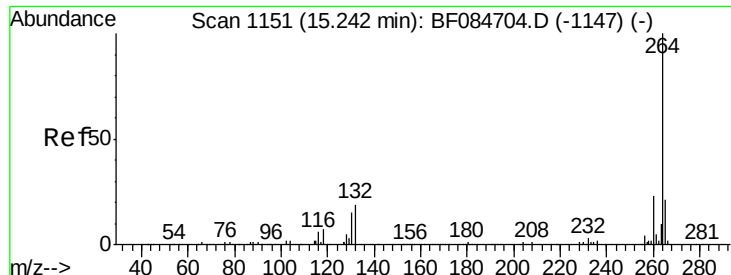


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

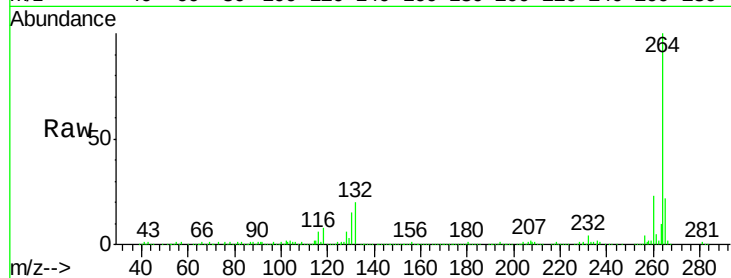




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084774.D
Acq: 3 Feb 2016 5:45

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion: 264 Resp: 352761
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.2
265 21.9 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

