

Data Path : Z:\HPCHEM1\BNA F\Data\BF020216\
 Data File : BF084783.D
 Acq On : 3 Feb 2016 9:54
 Operator : SJ/IZ
 Sample : H1306-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Quant Time: Feb 03 10:20:35 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	6.72	152	74468	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	259944	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	142181	20.00	ng	0.09
63) Phenanthrene-d10	11.31	188	209979	20.00	ng	0.07
75) Chrysene-d12	13.87	240	318570	20.00	ng	0.00
86) Perylene-d12	15.23	264	351992	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	351607	73.54	ng	-0.02
7) Phenol-d6	6.36	99	78860	13.31	ng	-0.01
23) Nitrobenzene-d5	7.29	82	786082	170.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	33692	22.72	ng	0.10
44) 2-Fluorobiphenyl	9.17	172	548603	58.69	ng	0.08
78) Terphenyl-d14	12.84	244	781050	55.56	ng	0.01

Target Compounds						Qvalue
6) Aniline	6.40	93	16548	2.28	ng	# 1
9) Benzaldehyde	6.24	77	300246	85.78	ng	# 1
11) bis(2-Chloroethyl)ether	6.40	93	17286	3.34	ng	# 1
15) Benzyl Alcohol	6.78	79	602974	147.33	ng	# 13
17) 2-Methylphenol	7.00	107	21067	4.92	ng	# 1
18) Hexachloroethane	7.30	117	2658577	1207.82	ng	# 1
19) n-Nitroso-di-n-propylamine	7.10	70	883033	237.68	ng	# 64
20) 3+4-Methylphenols	7.06	107	26209	4.93	ng	# 1
22) Acetophenone	7.05	105	9493944	1385.76	ng	# 55
24) Nitrobenzene	7.30	77	655296	132.61	ng	# 60
25) Isophorone	7.47	82	153411	17.10	ng	# 1
26) 2-Nitrophenol	7.78	139	357675	146.76	ng	# 1
27) 2,4-Dimethylphenol	7.73	122	186950	44.10	ng	# 54
28) bis(2-Chloroethoxy)methane	7.87	93	35955	6.75	ng	# 1
29) 2,4-Dichlorophenol	8.00	162	626180	172.64	ng	# 17
30) 1,2,4-Trichlorobenzene	7.98	180	62929	15.36	ng	# 70
31) Naphthalene	8.06	128	1765787	135.42	ng	# 57
32) Benzoic acid	7.73	122	220670	81.39	ng	# 1
33) 4-Chloroaniline	8.12	127	589944	109.40	ng	# 48
35) Caprolactam	8.57	113	991636	887.02	ng	# 1
36) 4-Chloro-3-methylphenol	8.59	107	264839	64.00	ng	# 19
37) 2-Methylnaphthalene	8.85	142	6251799	766.09	ng	# 94
42) 2,4,6-Trichlorophenol	9.10	196	17925	6.16	ng	# 22
43) 2,4,5-Trichlorophenol	9.10	196	26202	8.86	ng	# 1
45) 1,1'-Biphenyl	9.28	154	701860	55.27	ng	# 96
46) 2-Chloronaphthalene	9.20	162	19442	2.08	ng	# 1
47) 2-Nitroaniline	9.34	65	256604	86.65	ng	# 50
48) Acenaphthylene	9.72	152	178015	12.54	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	138627	58.60	ng	# 24
51) Acenaphthene	9.89	154	422614	45.77	ng	# 55
52) 3-Nitroaniline	9.84	138	54200	20.39	ng	# 58
53) 2,4-Dinitrophenol	9.81	184	9232	13.64	ng	# 1
54) Dibenzofuran	10.05	168	353325	31.31	ng	# 1
55) 4-Nitrophenol	9.96	139	348542	178.40	ng	# 76

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 ALS Vial : 37 Sample Multiplier: 1

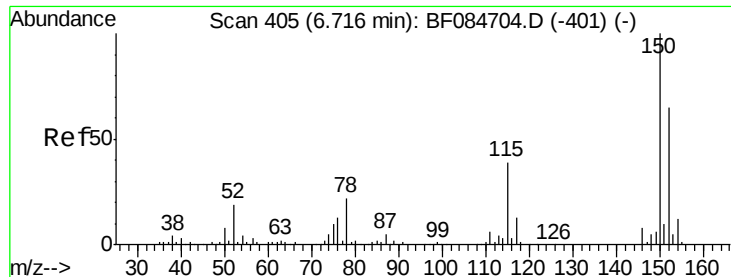
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 2,4-Dinitrotoluene	10.05	165	120456	39.92	nq	# 45
57) Fluorene	10.38	166	904195	95.95	nq	# 63
58) 2,3,4,6-Tetrachlorophenol	10.14	232	8040	3.57	nq	# 1
59) Diethylphthalate	10.34	149	333756	31.56	nq	# 75
61) 4-Nitroaniline	10.51	138	9616	3.71	nq	# 22
62) Azobenzene	10.60	77	560562	55.13	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.37	198	11745	9.06	nq	# 1
65) n-Nitrosodiphenylamine	10.50	169	630014	94.49	nq	# 71
68) Atrazine	11.02	200	39671	18.84	nq	# 1
69) Pentachlorophenol	11.12	266	4574	3.85	nq	# 12
70) Phenanthrene	11.33	178	3143105	269.88	nq	# 88
71) Anthracene	11.33	178	3143105	267.83	nq	# 89
72) Carbazole	11.62	167	249472	24.38	nq	# 30
73) Di-n-butylphthalate	11.93	149	212879	16.34	nq	# 9
74) Fluoranthene	12.56	202	48999	4.16	nq	# 1
76) Benzidine	12.57	184	18869	8.01	nq	# 1
77) Pyrene	12.70	202	650613	26.67	nq	# 68
80) Benzo(a)anthracene	13.89	228	55408	2.80	nq	# 30
82) Chrysene	13.89	228	55989	2.92	nq	# 37
83) Bis(2-ethylhexyl)phthalate	13.86	149	86234	6.26	nq	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

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BLFS-RL01

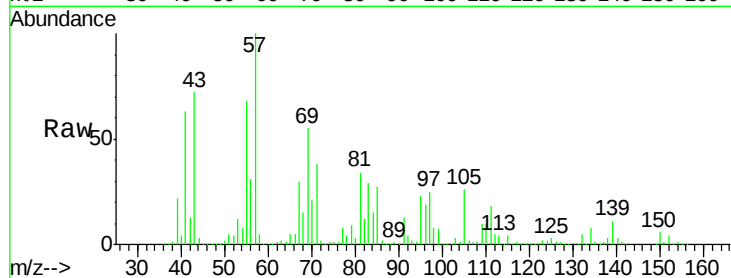
Tot Ion:152 Resp: 74468

Ion Ratio Lower Upper

152 100

150 138.7 123.0 184.4

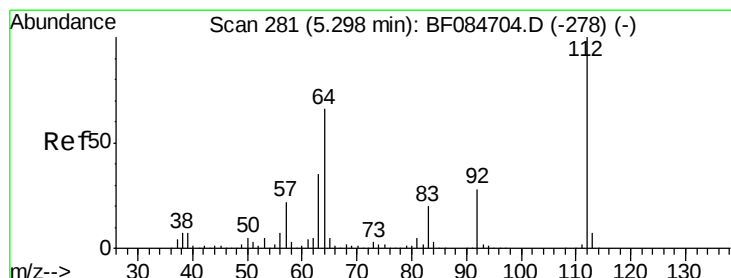
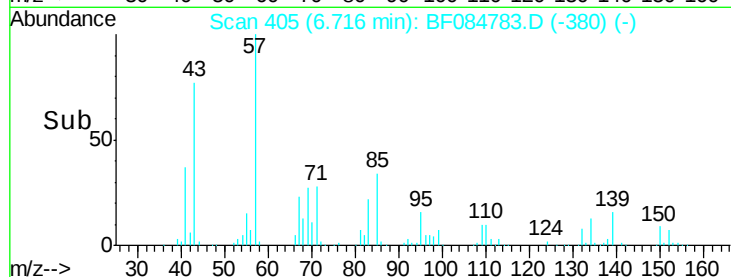
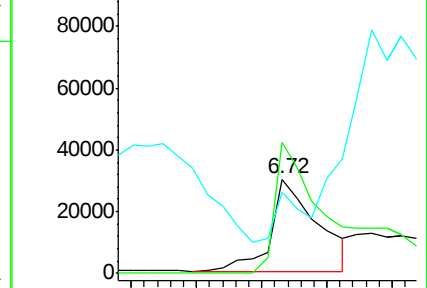
115 85.2 51.4 77.2#



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: 73.54 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

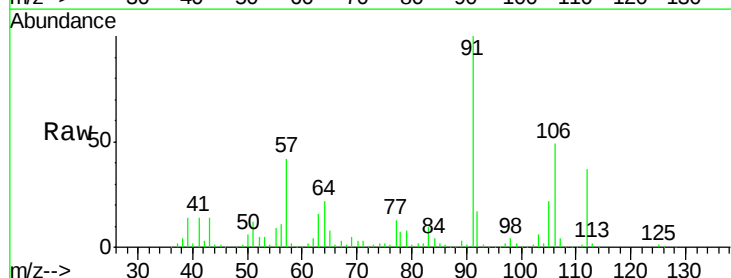
Tgt Ion:112 Resp: 351607

Ion Ratio Lower Upper

112 100

64 61.0 36.6 55.0#

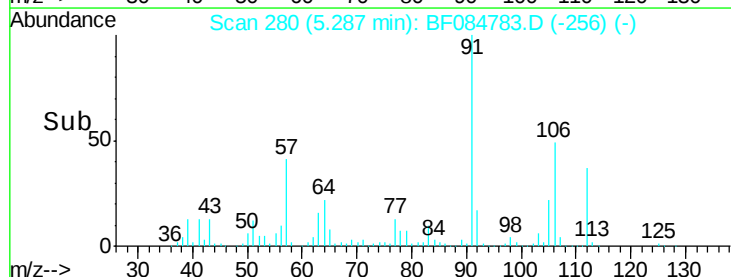
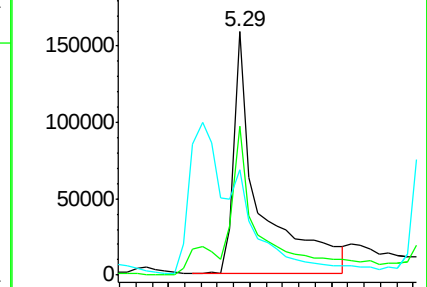
63 43.5 19.4 29.0#

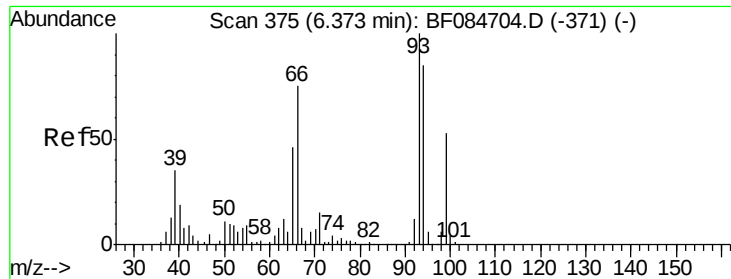


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.28 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

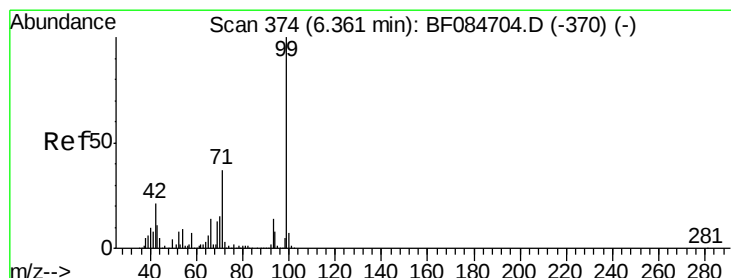
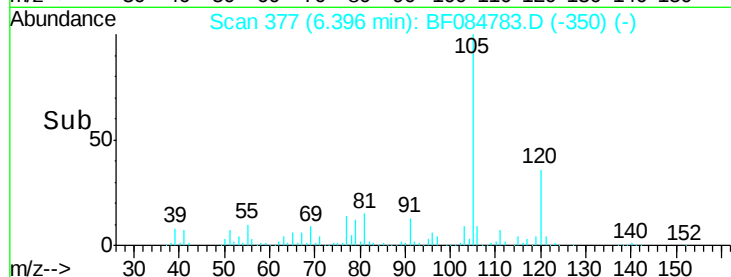
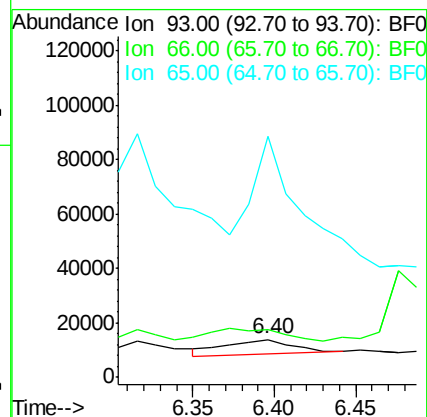
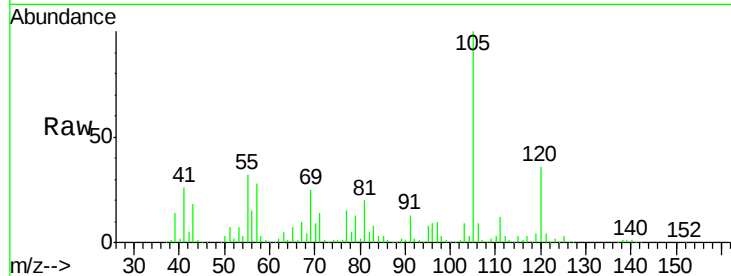
Tot Ion: 93 Resp: 16548

Ion Ratio Lower Upper

93 100

66 126.0 44.9 67.3#

65 641.6 23.7 35.5#



#7

Phenol-d6

Concen: 13.31 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

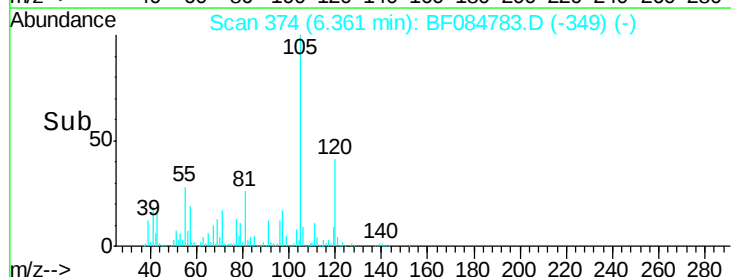
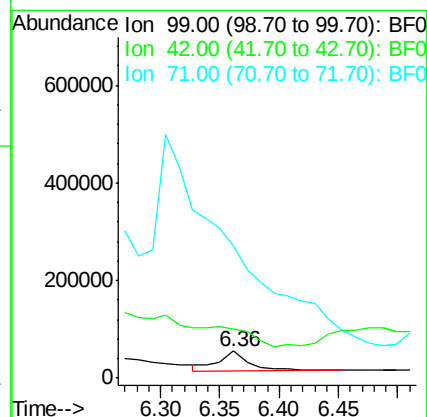
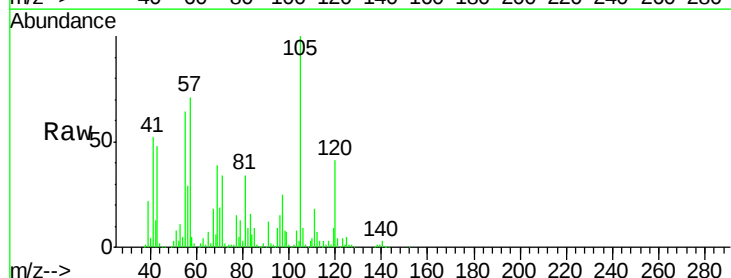
Tgt Ion: 99 Resp: 78860

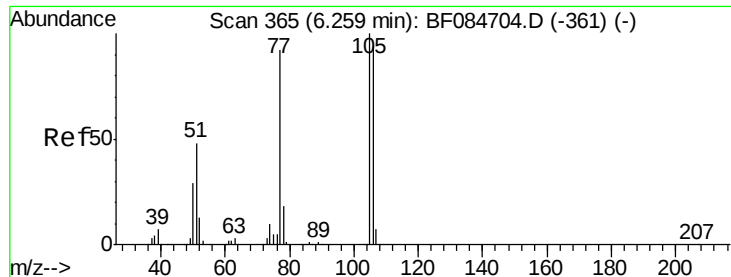
Ion Ratio Lower Upper

99 100

42 184.4 12.8 19.2#

71 493.9 30.9 46.3#





#9

Benzaldehyde

Concen: 85.78 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

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ClientSampleId :

BLFS-RL01

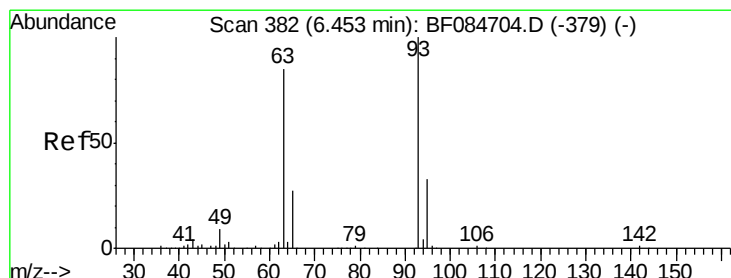
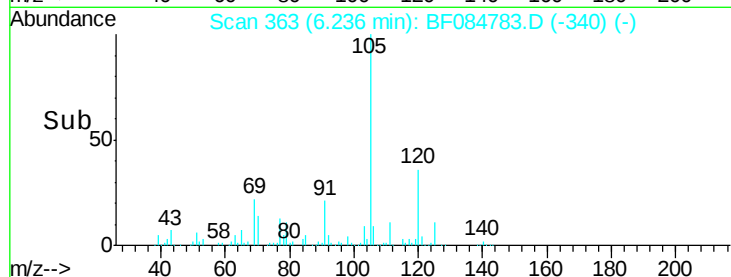
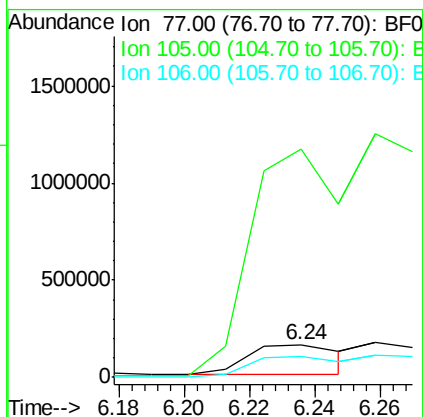
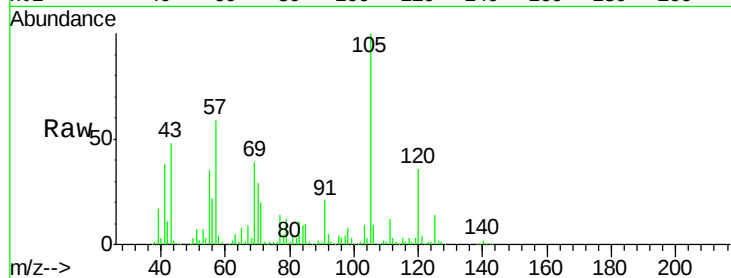
Tot Ion: 77 Resp: 300246

Ion Ratio Lower Upper

77 100

105 694.5 83.0 123.0#

106 64.5 74.6 114.6#



#11

bis(2-Chloroethyl)ether

Concen: 3.34 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.07 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

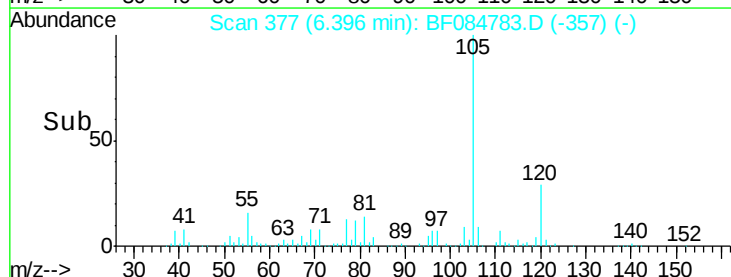
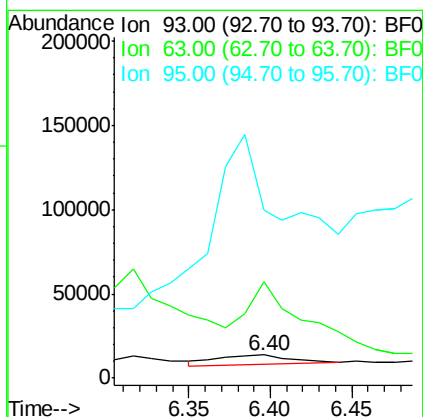
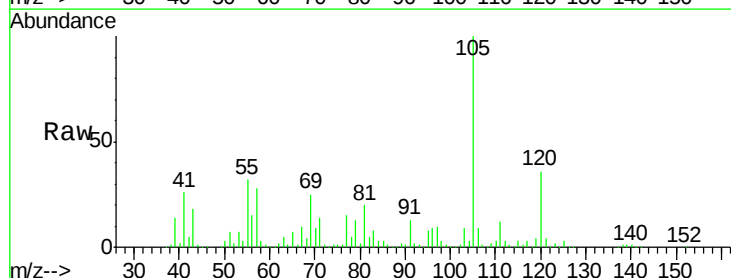
Tgt Ion: 93 Resp: 17286

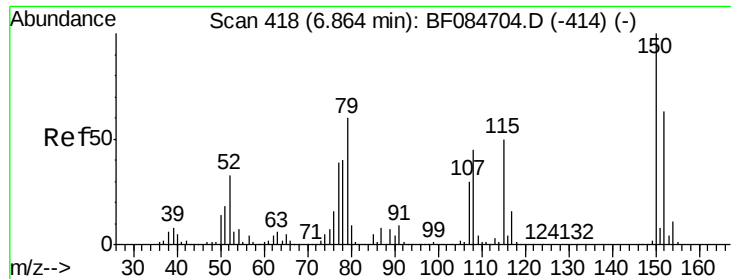
Ion Ratio Lower Upper

93 100

63 414.6 45.9 85.9#

95 720.9 12.3 52.3#

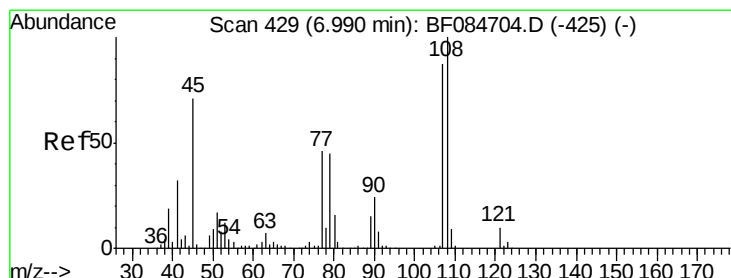
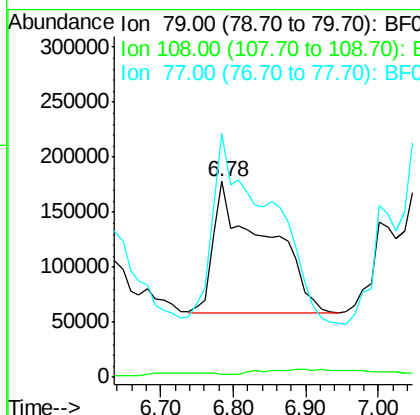
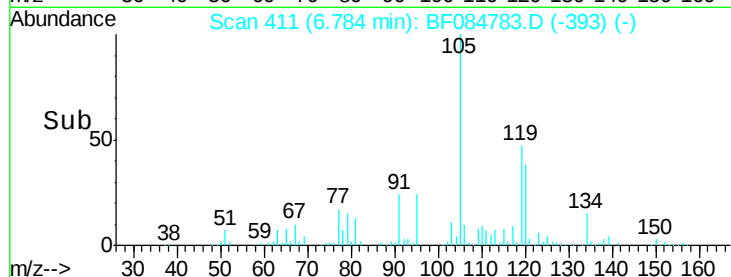
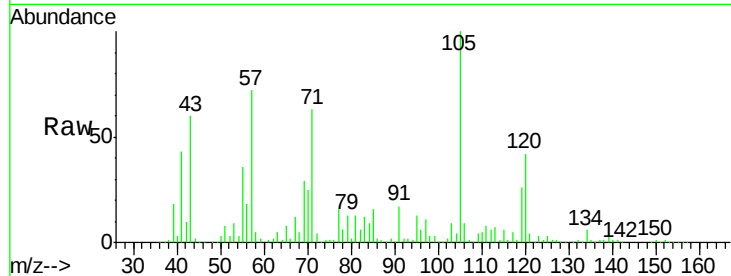




#15
Benzyl Alcohol
Concen: 147.33 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.09 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

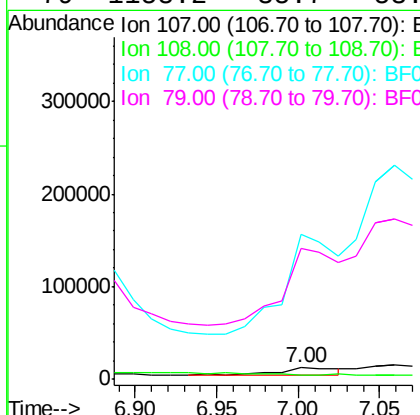
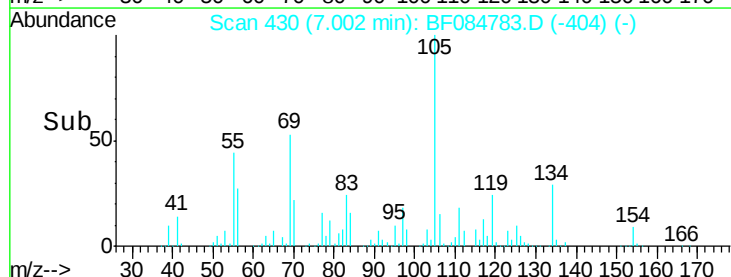
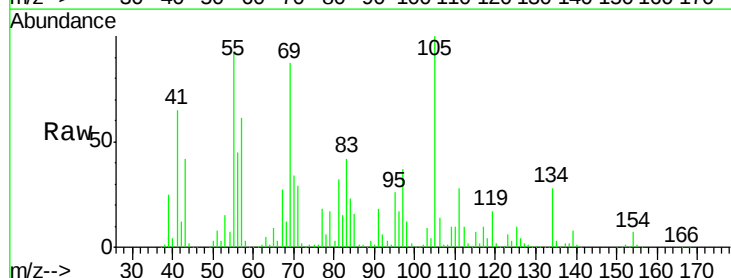
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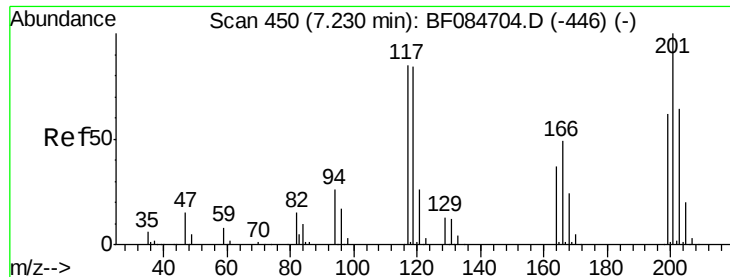
Tot Ion: 79 Resp: 602974
Ion Ratio Lower Upper
79 100
108 1.6 69.0 103.4#
77 124.1 50.0 75.0#



#17
2-Methylphenol
Concen: 4.92 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion: 107 Resp: 21067
Ion Ratio Lower Upper
107 100
108 37.9 89.8 134.6#
77 1276.1 35.7 53.5#
79 1158.2 35.7 53.5#

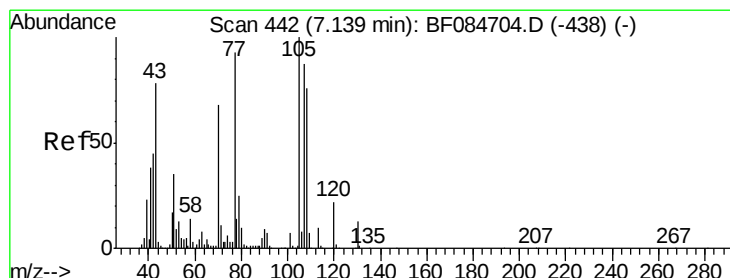
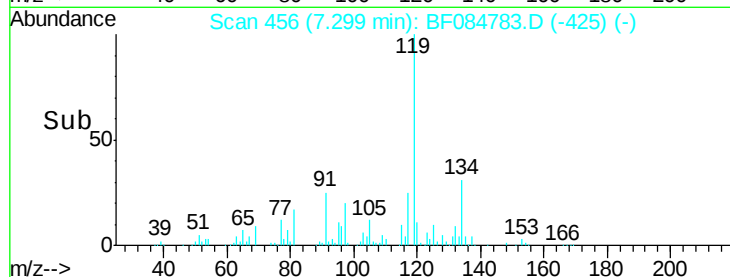
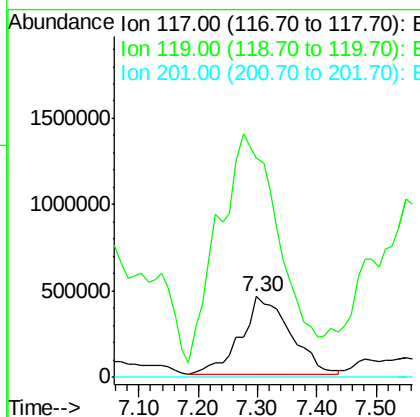
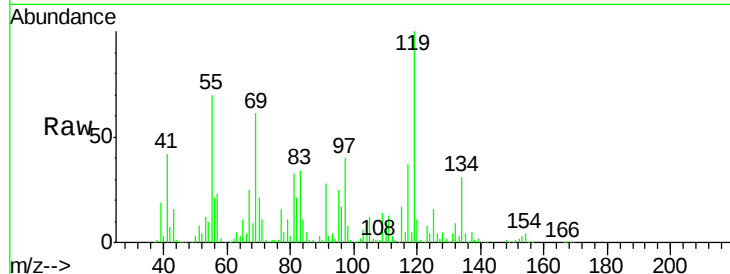




#18
Hexachloroethane
Concen: 1207.82 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.06 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

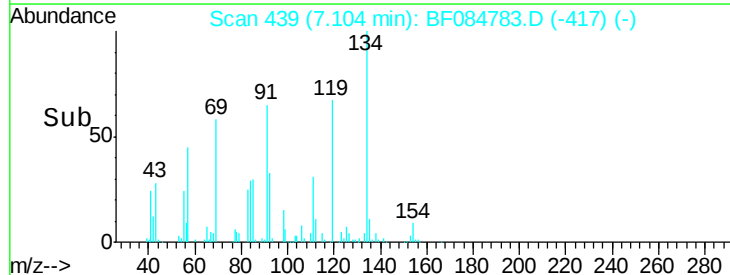
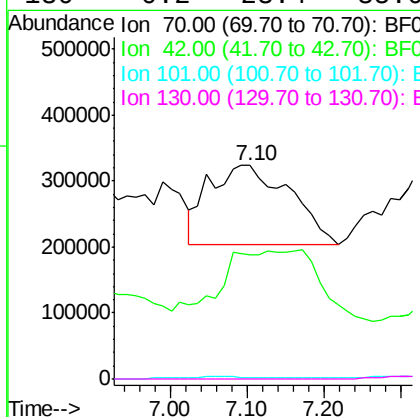
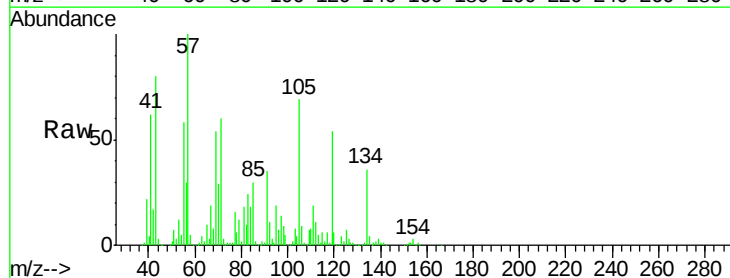
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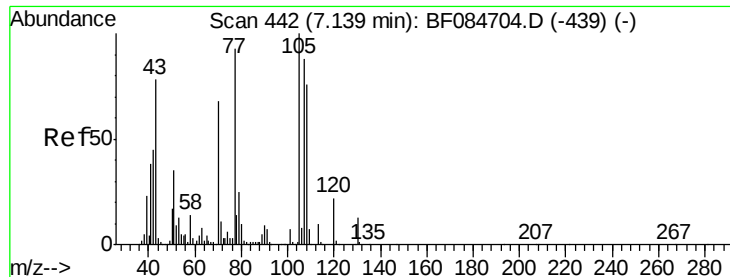
Tot Ion:117 Resp: 2658577
Ion Ratio Lower Upper
117 100
119 270.9 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 237.68 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.05 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion: 70 Resp: 883033
Ion Ratio Lower Upper
70 100
42 58.1 33.3 49.9#
101 0.9 9.3 13.9#
130 0.2 23.4 35.0#

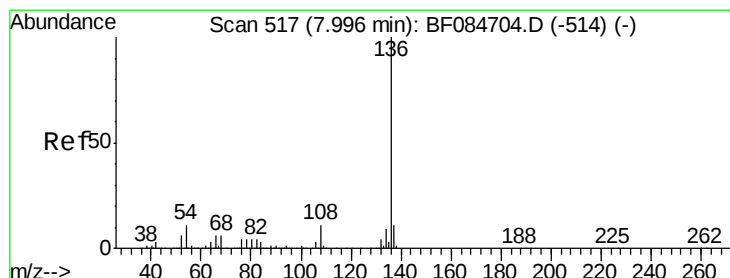
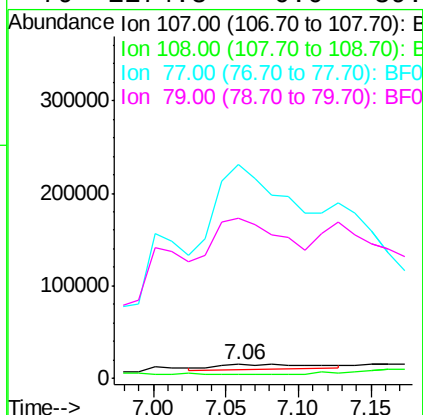
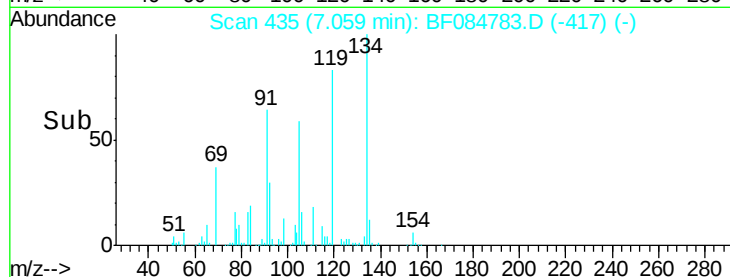
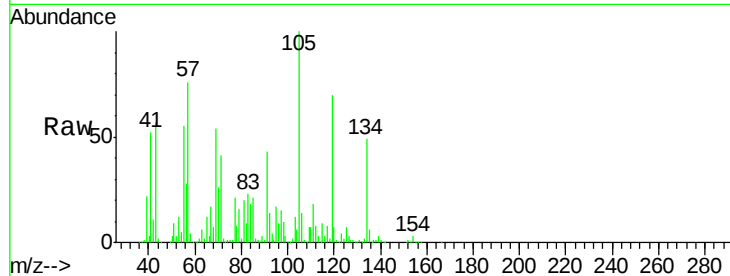




#20
3+4-Methylphenols
Concen: 4.93 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.09 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

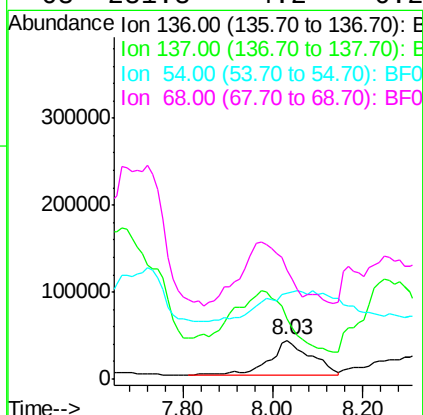
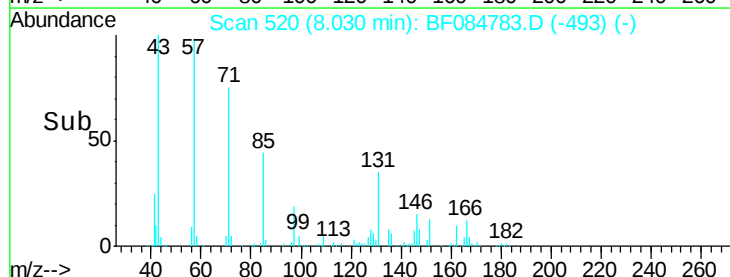
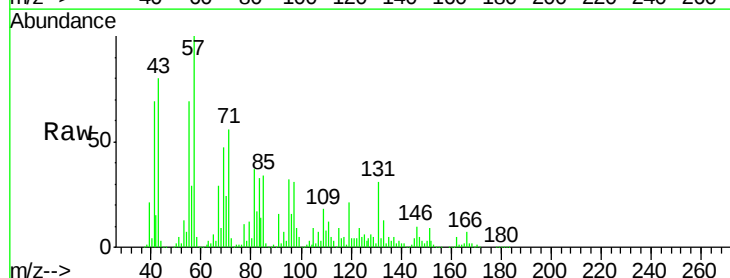
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

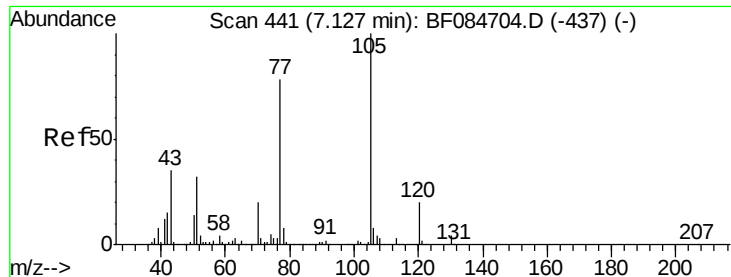
Tot Ion:107 Resp: 26209
Ion Ratio Lower Upper
107 100
108 26.0 74.6 114.6#
77 1571.3 0.7 40.7#
79 1174.8 0.0 39.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.01 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:136 Resp: 259944
Ion Ratio Lower Upper
136 100
137 154.6 8.7 13.1#
54 223.0 5.8 8.8#
68 281.8 4.2 6.2#





#22

Acetophenone

Concen: 1385.76 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.09 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

Tot Ion:105 Resp: 9493944

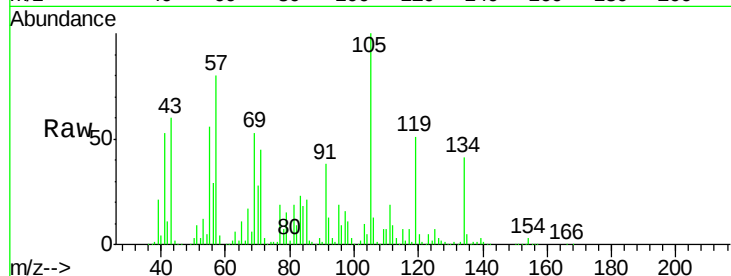
Ion Ratio Lower Upper

105 100

71 44.6 3.7 5.5#

51 8.7 25.1 37.7#

120 5.4 16.6 25.0#

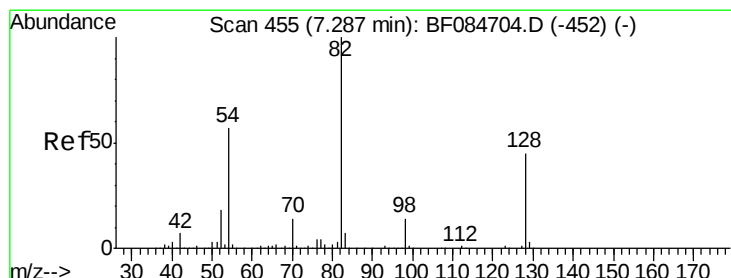
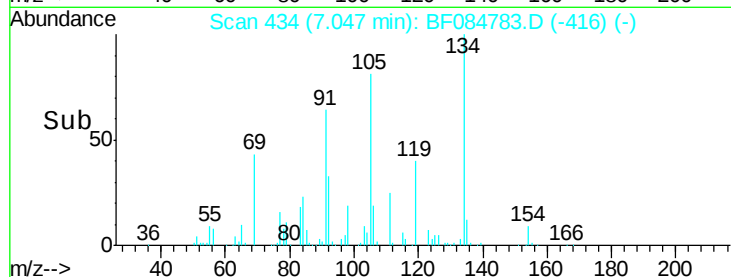
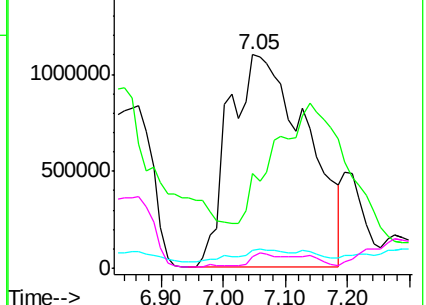


Abundance Ion 105.00 (104.70 to 105.70): E

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: 170.35 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

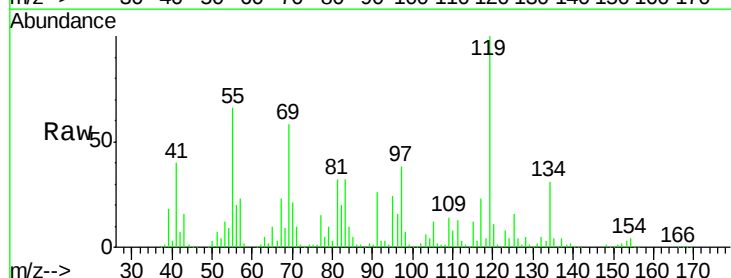
Tgt Ion: 82 Resp: 786082

Ion Ratio Lower Upper

82 100

128 24.2 34.6 51.8#

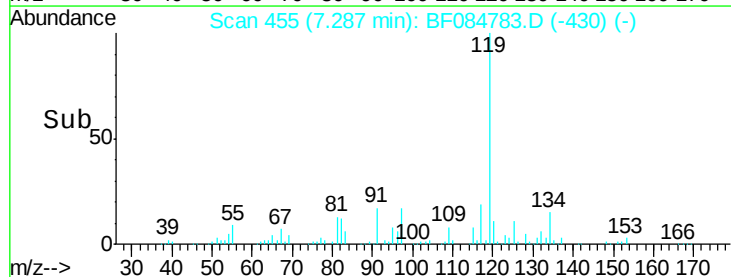
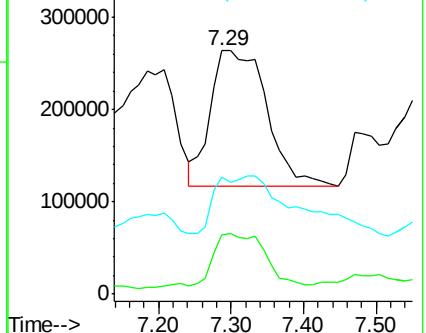
54 48.0 38.4 57.6

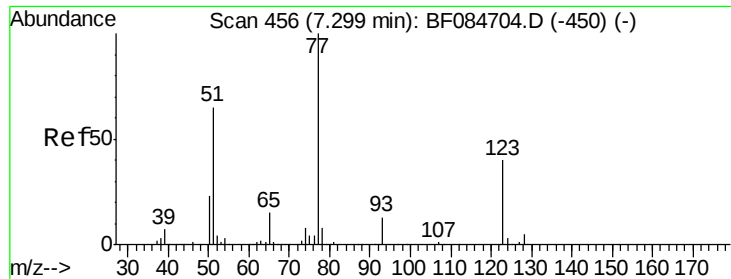


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

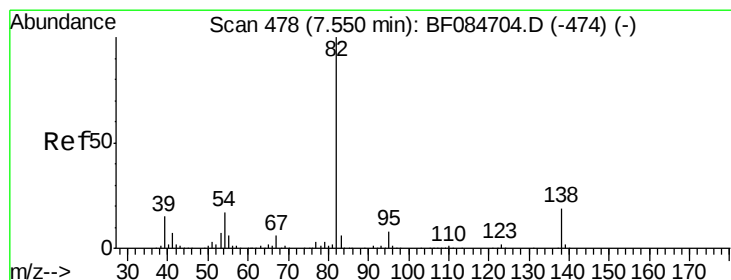
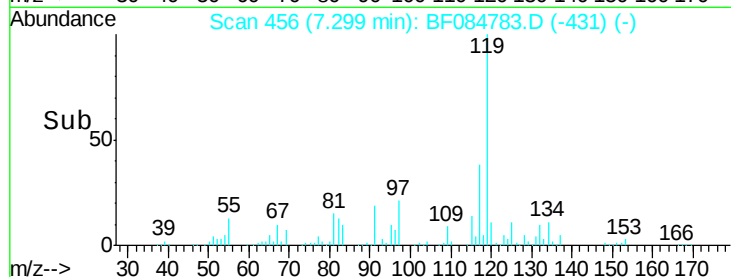
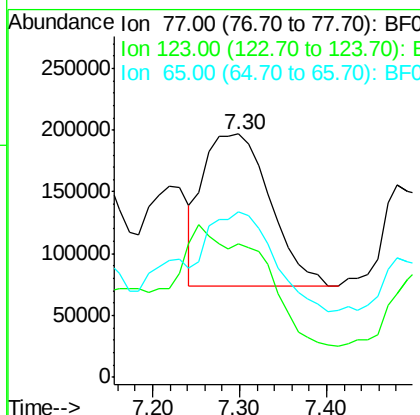
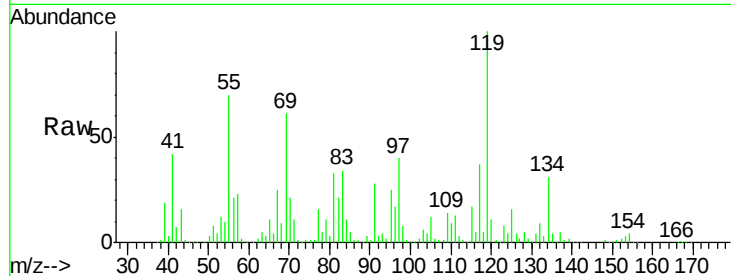




#24
 Nitrobenzene
 Concen: 132.61 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

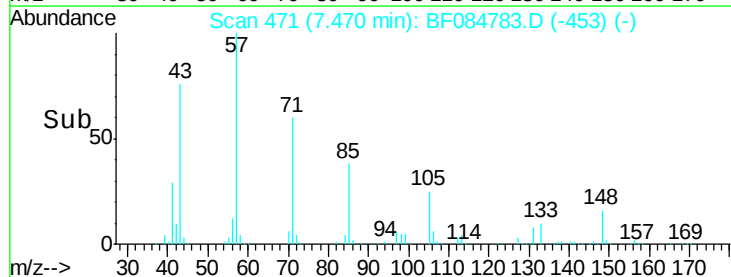
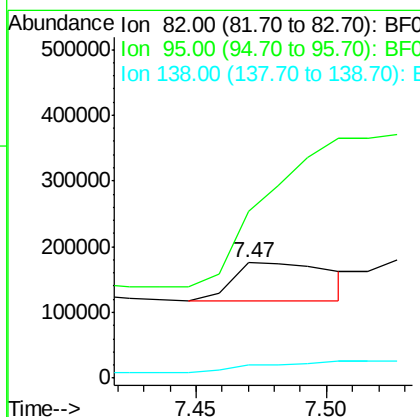
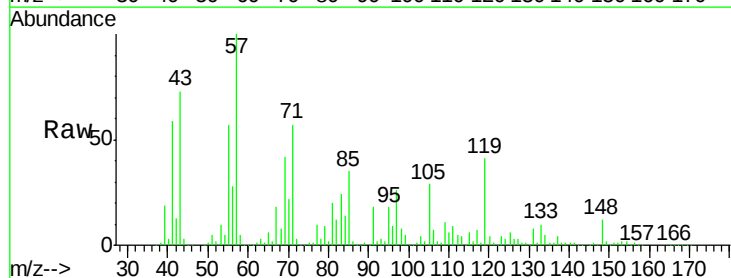
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

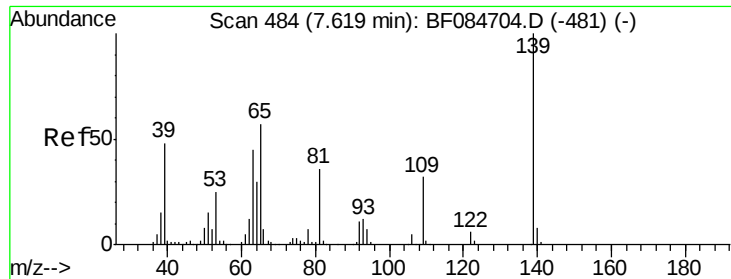
Tot Ion: 77 Resp: 655296
 Ion Ratio Lower Upper
 77 100
 123 54.8 37.4 56.2
 65 68.0 10.9 16.3#



#25
 Isophorone
 Concen: 17.10 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.09 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion: 82 Resp: 153411
 Ion Ratio Lower Upper
 82 100
 95 144.4 6.6 10.0#
 138 11.8 13.6 20.4#





#26

2-Nitrophenol

Concen: 146.76 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.15 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampled :

BLFS-RL01

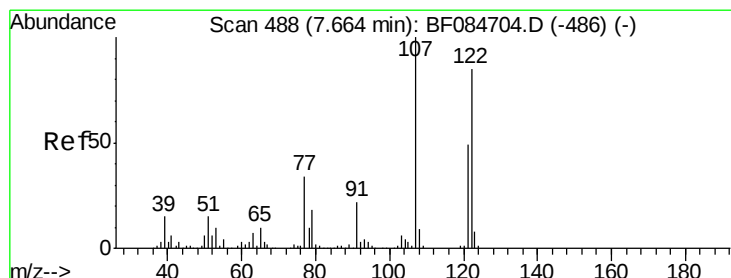
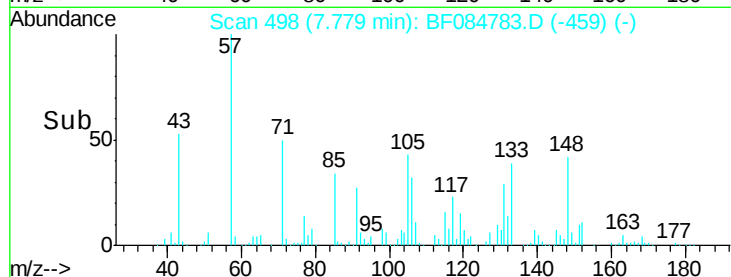
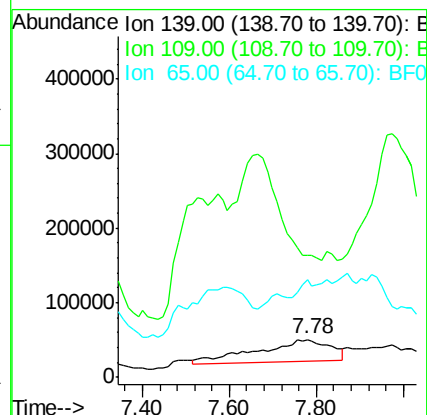
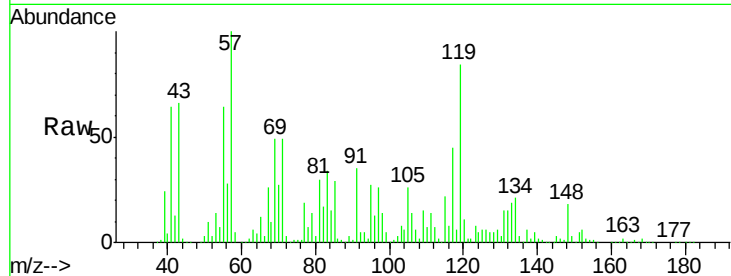
Tot Ion:139 Resp: 357675

Ion Ratio Lower Upper

139 100

109 322.2 25.4 38.2#

65 258.2 32.3 48.5#



#27

2,4-Dimethylphenol

Concen: 44.10 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.06 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

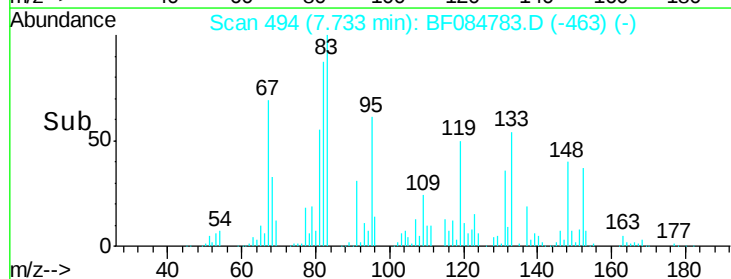
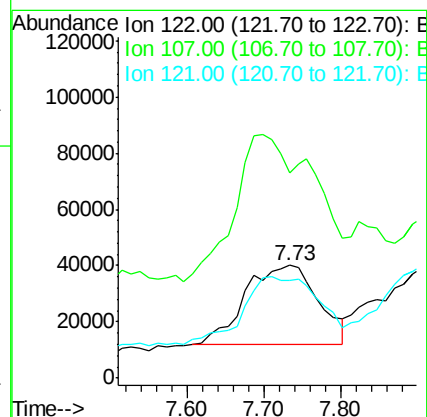
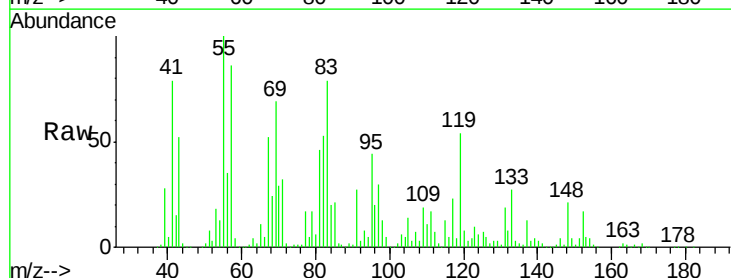
Tgt Ion:122 Resp: 186950

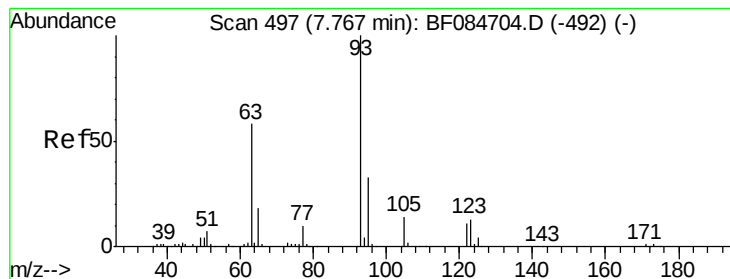
Ion Ratio Lower Upper

122 100

107 182.1 99.1 148.7#

121 86.9 47.9 71.9#





#28

bis(2-Chloroethoxy)methane

Concen: 6.75 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.09 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

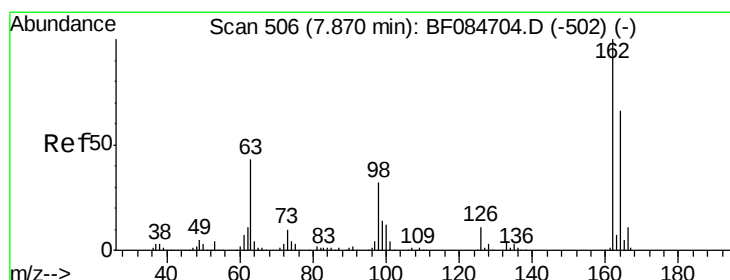
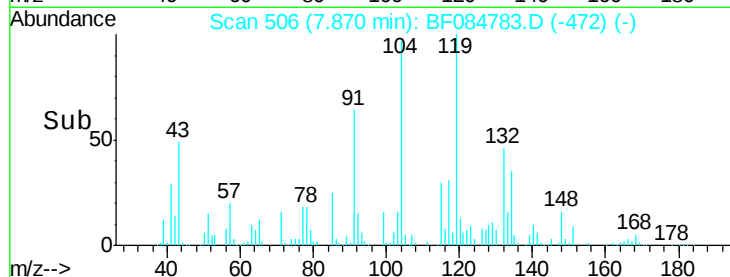
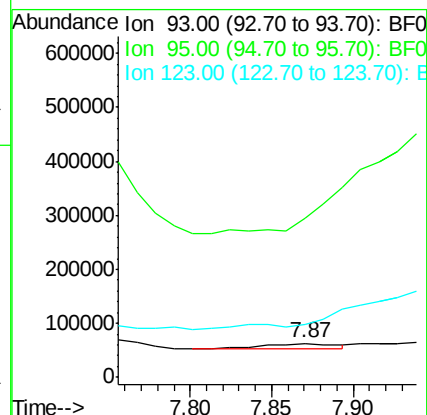
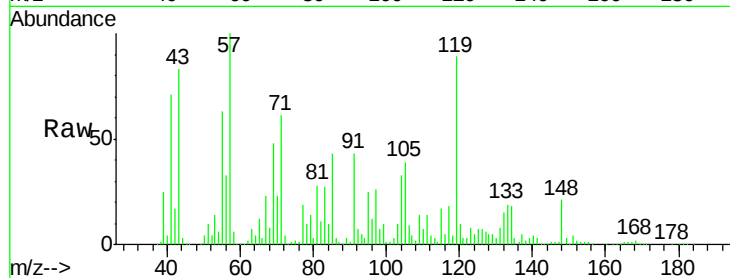
Tot Ion: 93 Resp: 35955

Ion Ratio Lower Upper

93 100

95 463.8 25.8 38.6#

123 154.6 8.6 12.8#



#29

2,4-Dichlorophenol

Concen: 172.64 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.11 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

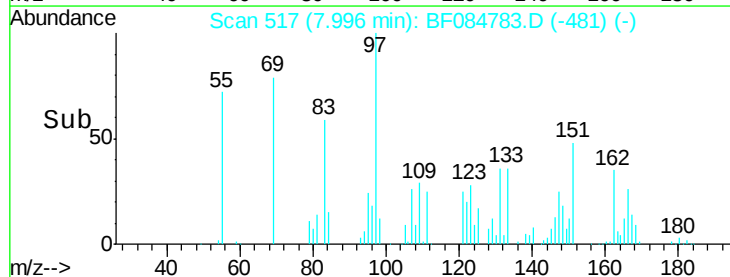
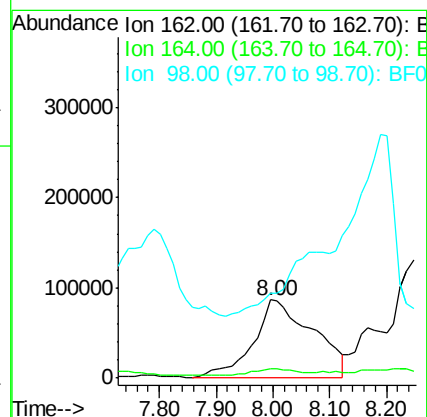
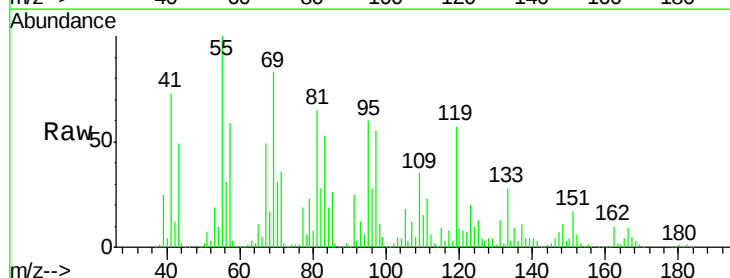
Tgt Ion: 162 Resp: 626180

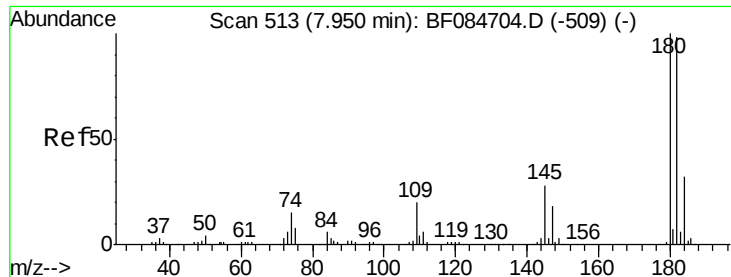
Ion Ratio Lower Upper

162 100

164 12.3 44.1 84.1#

98 108.3 20.2 60.2#

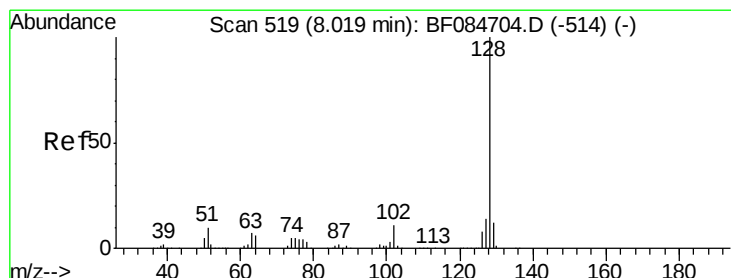
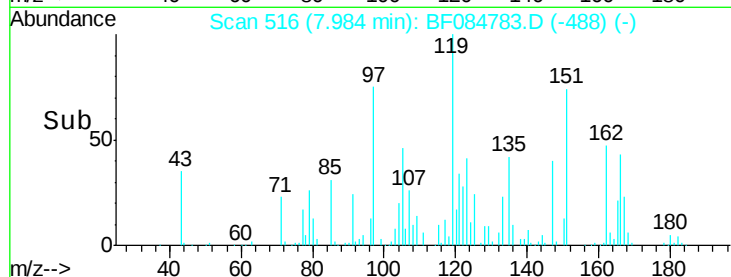
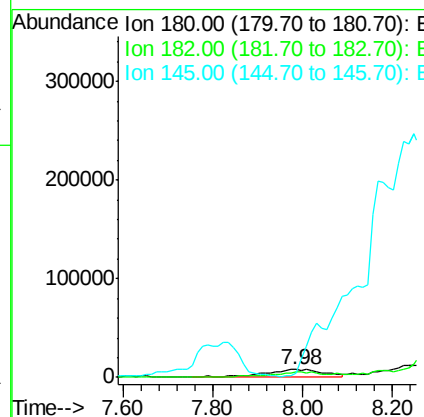
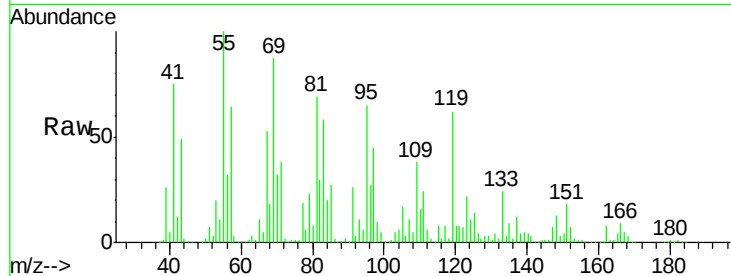




#30
 1,2,4-Trichlorobenzene
 Concen: 15.36 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.02 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

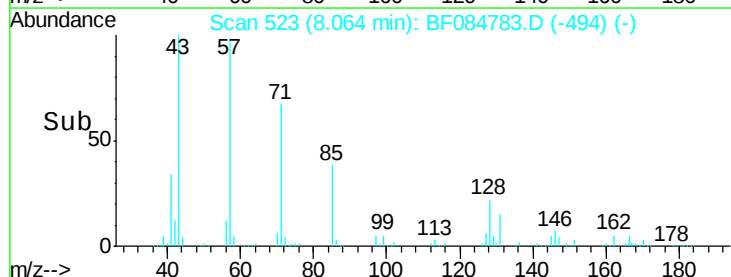
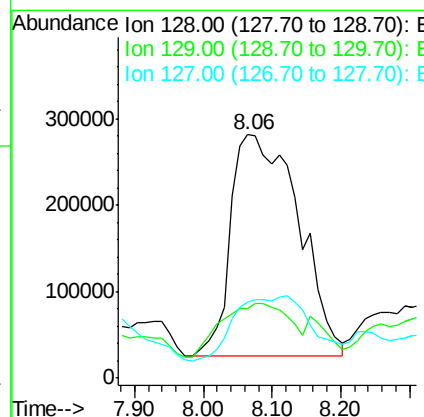
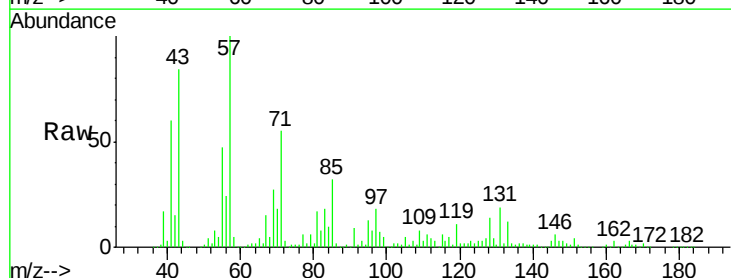
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

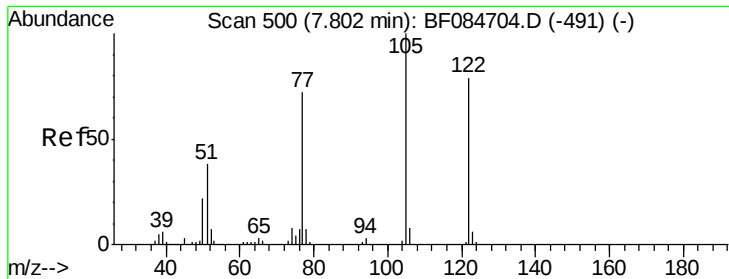
Tot Ion:180 Resp: 62929
 Ion Ratio Lower Upper
 180 100
 182 64.5 76.4 114.6#
 145 54.6 31.6 47.4#



#31
 Naphthalene
 Concen: 135.42 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.03 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:128 Resp: 1765787
 Ion Ratio Lower Upper
 128 100
 129 28.7 9.1 13.7#
 127 31.0 11.1 16.7#





#32

Benzoic acid

Concen: 81.39 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.08 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

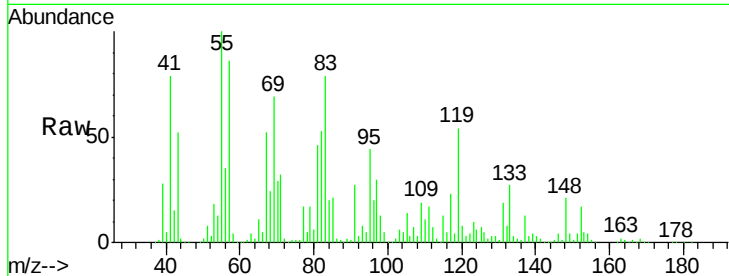
Tot Ion:122 Resp: 220670

Ion Ratio Lower Upper

122 100

105 339.5 100.3 140.3#

77 415.0 63.5 103.5#

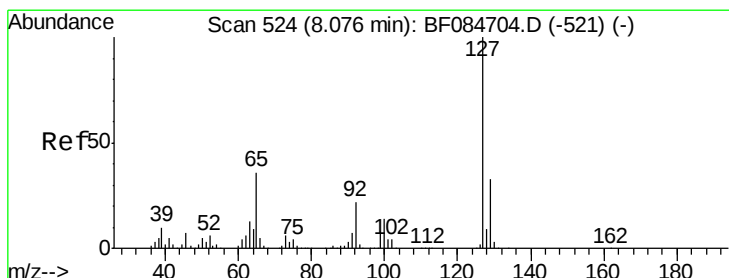
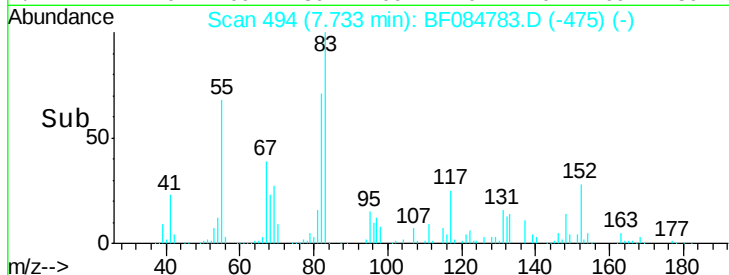
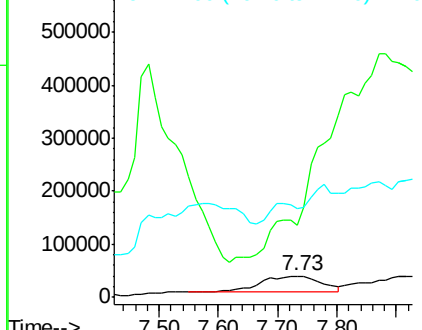


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 109.40 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.03 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Tgt Ion:127 Resp: 589944

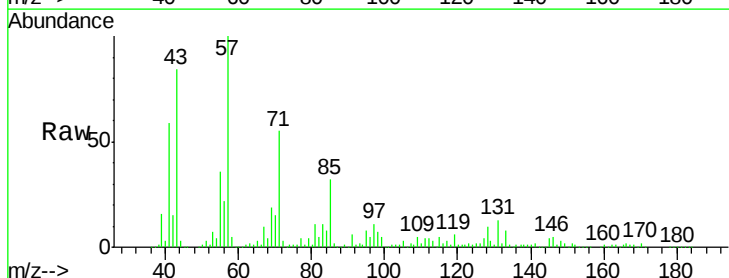
Ion Ratio Lower Upper

127 100

129 74.5 26.5 39.7#

65 67.1 27.2 40.8#

92 17.3 17.7 26.5#



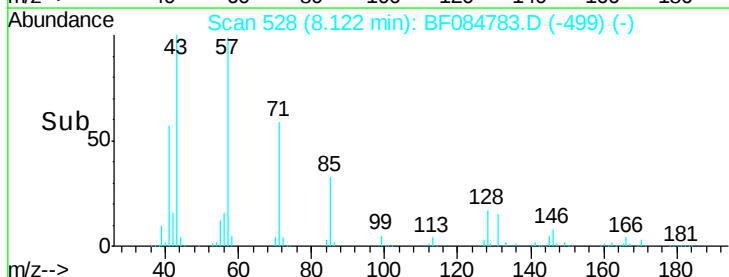
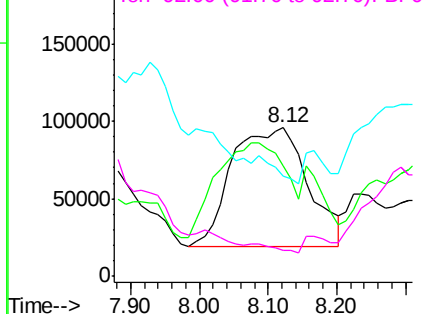
Abundance

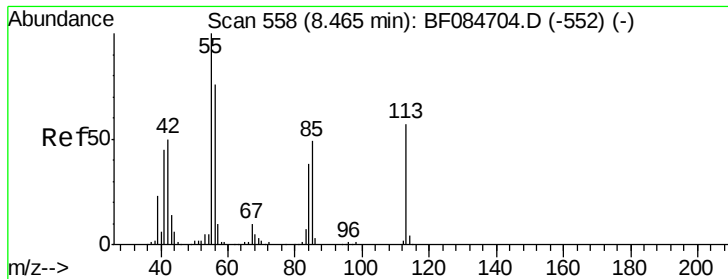
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 887.02 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.10 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

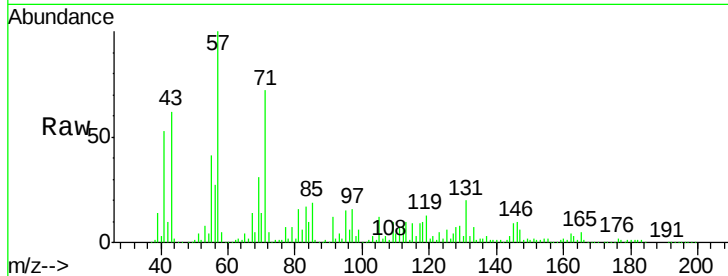
Tot Ion:113 Resp: 991636

Ion Ratio Lower Upper

113 100

55 426.8 116.9 156.9#

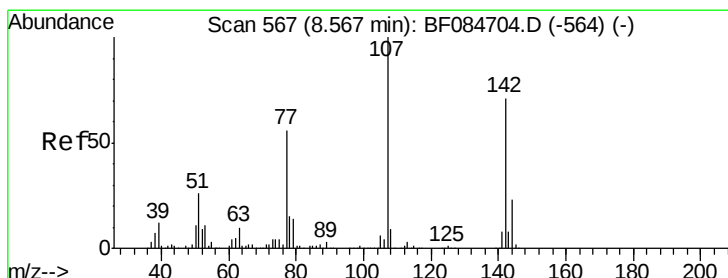
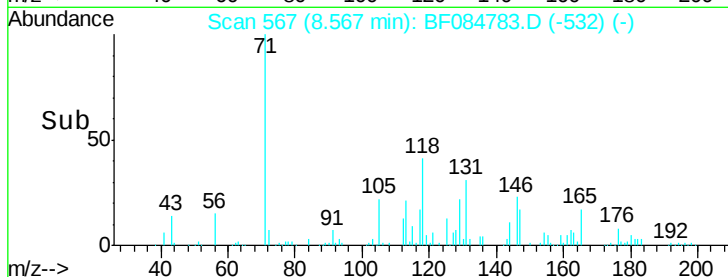
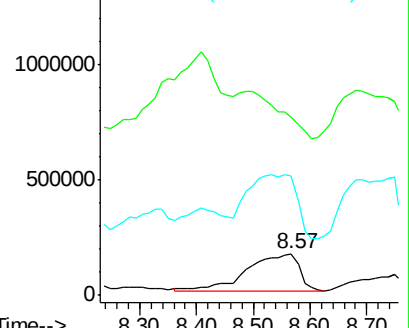
56 285.8 93.8 133.8#



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: 64.00 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

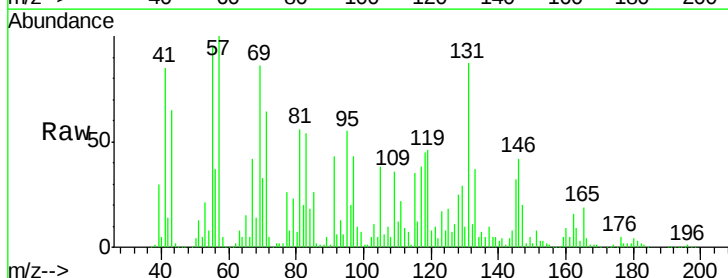
Tgt Ion:107 Resp: 264839

Ion Ratio Lower Upper

107 100

144 75.9 19.7 29.5#

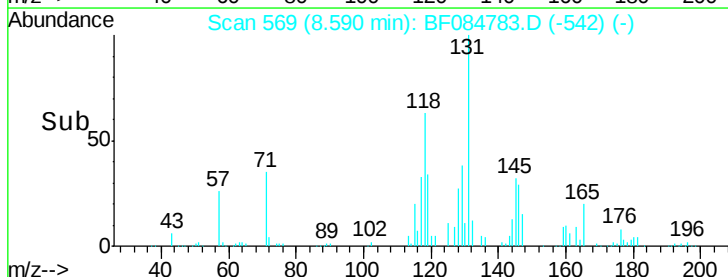
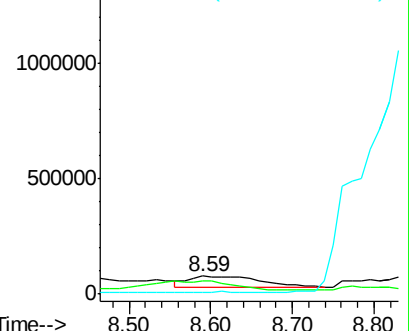
142 12.8 61.8 92.6#

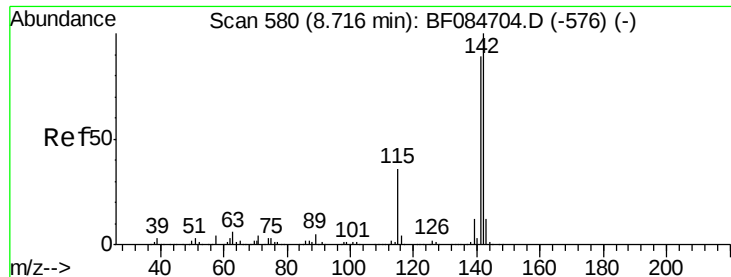


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

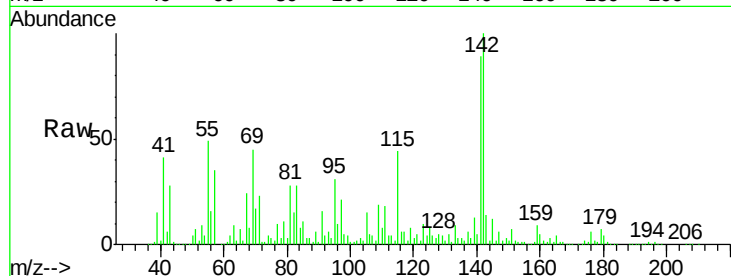




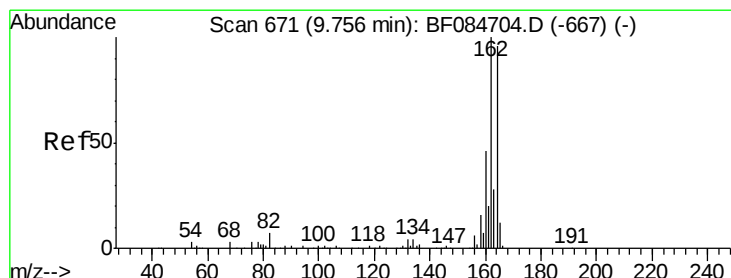
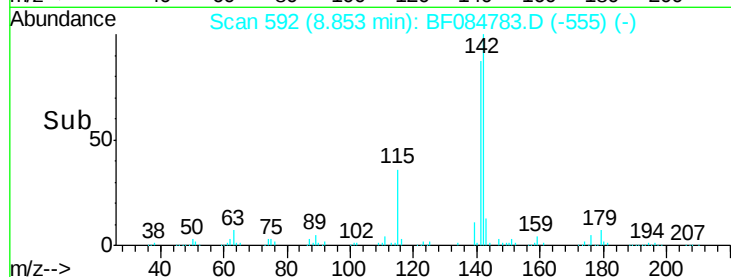
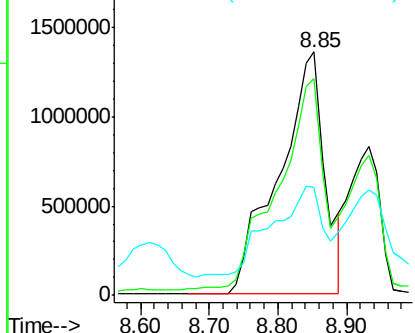
#37
2-Methylnaphthalene
Concen: 766.09 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.13 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tot Ion:142 Resp: 6251799
Ion Ratio Lower Upper
142 100
141 89.0 72.4 108.6
115 44.1 27.9 41.9#

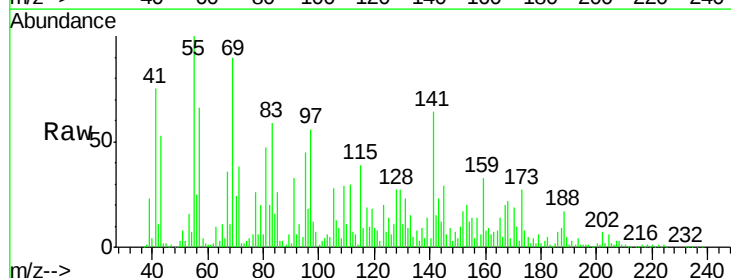


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

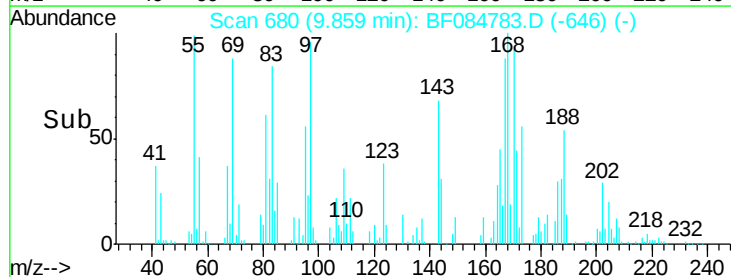
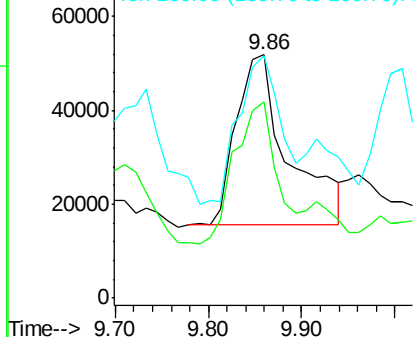


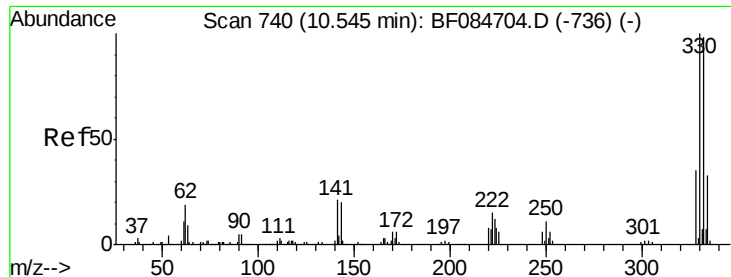
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.09 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:164 Resp: 142181
Ion Ratio Lower Upper
164 100
162 80.7 85.1 127.7#
160 99.5 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

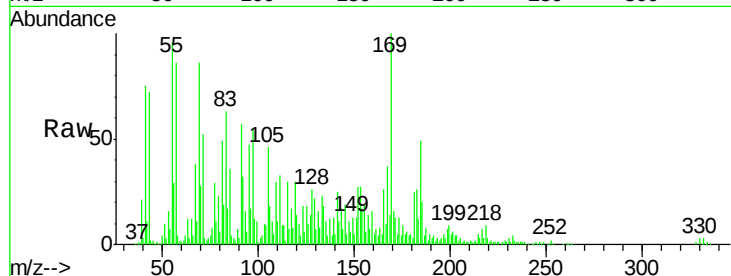




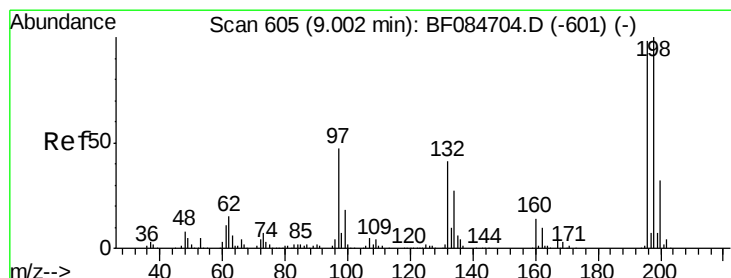
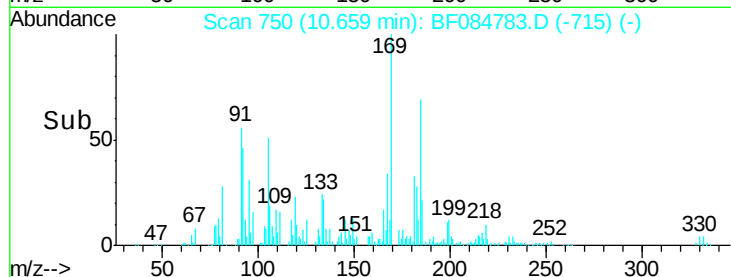
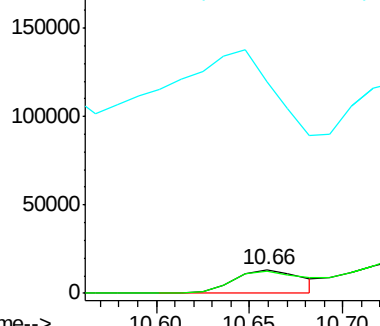
#41
 2,4,6-Tribromophenol
 Concen: 22.72 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.10 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Tot Ion:330 Resp: 33692
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 549.4 27.8 41.6#

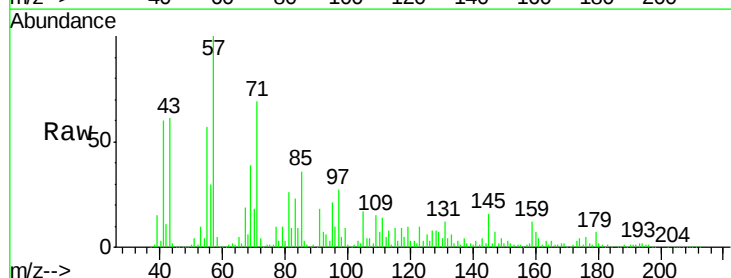


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

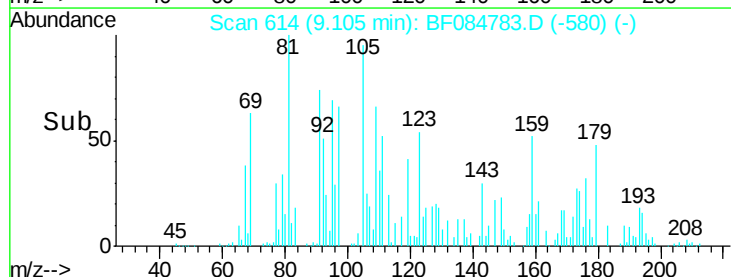
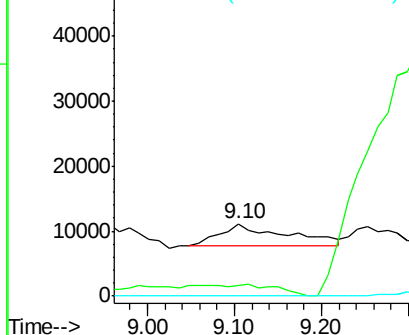


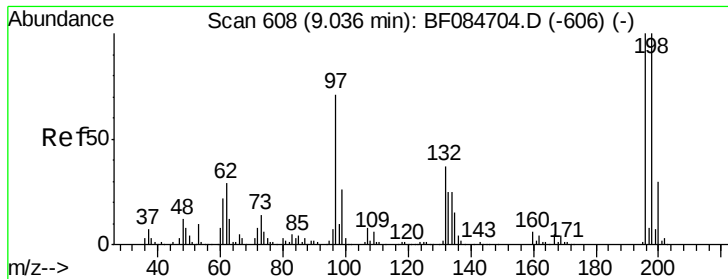
#42
 2,4,6-Trichlorophenol
 Concen: 6.16 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.09 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:196 Resp: 17925
 Ion Ratio Lower Upper
 196 100
 198 14.0 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

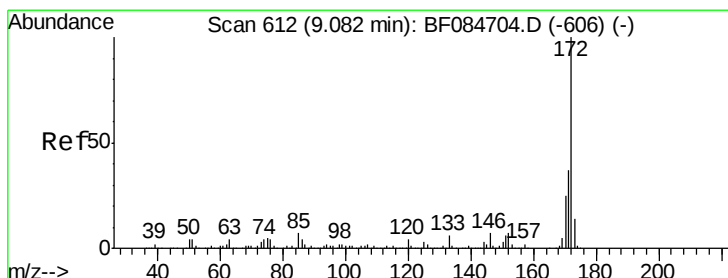
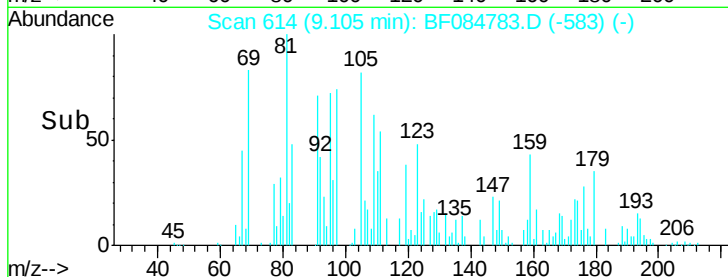
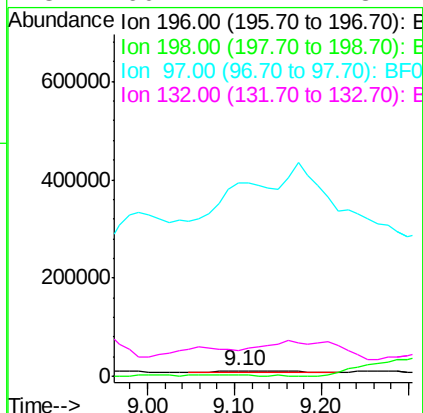
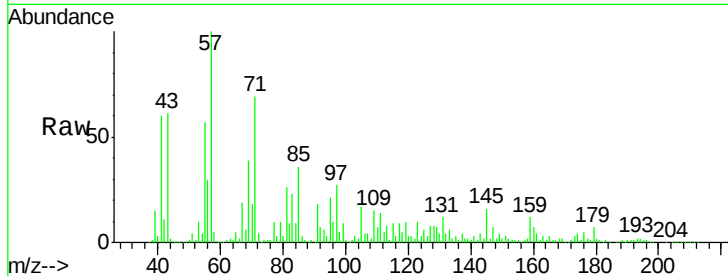




#43
 2,4,5-Trichlorophenol
 Concen: 8.86 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.06 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

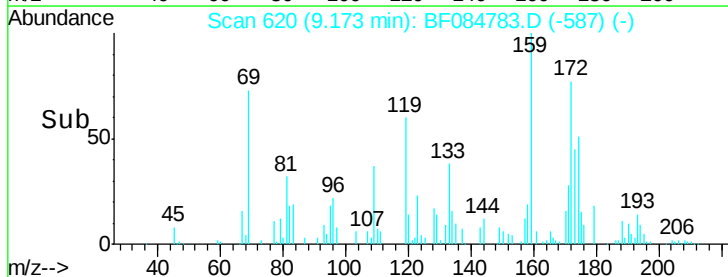
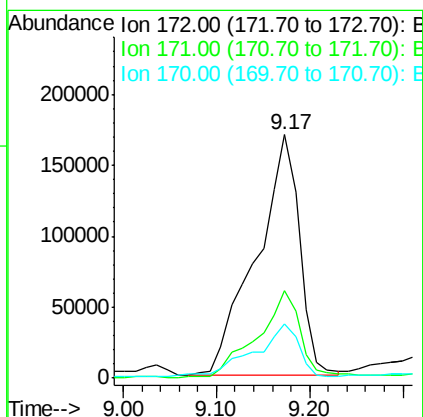
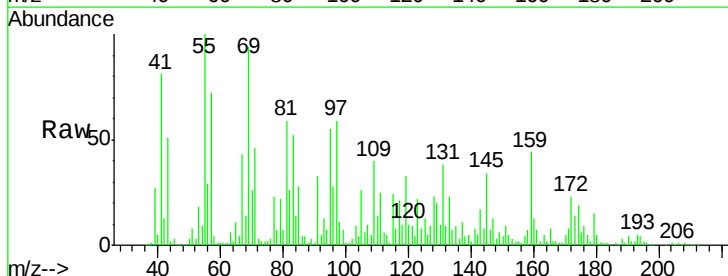
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

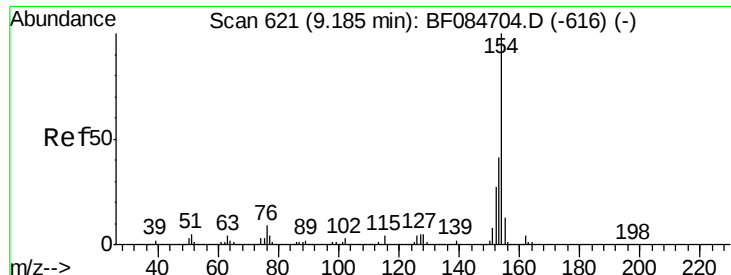
Tot Ion:196 Resp: 26202
 Ion Ratio Lower Upper
 196 100
 198 14.0 79.0 118.6#
 97 3541.0 33.0 49.6#
 132 460.7 21.1 31.7#



#44
 2-Fluorobiphenyl
 Concen: 58.69 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.08 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:172 Resp: 548603
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 22.3 18.6 27.8





#45

1,1'-Biphenyl

Concen: 55.27 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.08 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

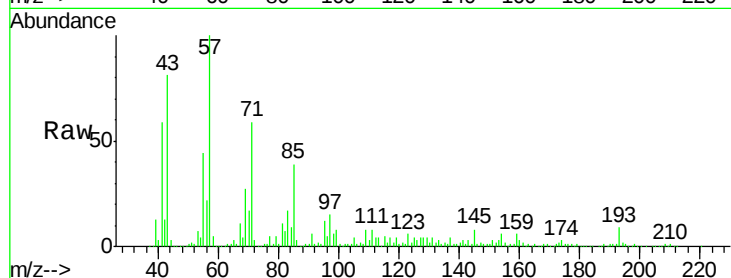
Tot Ion:154 Resp: 701860

Ion Ratio Lower Upper

154 100

153 43.8 21.6 61.6

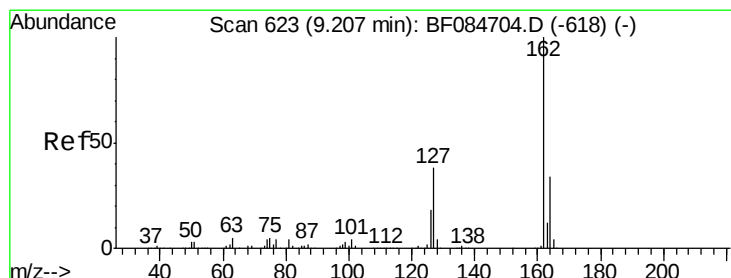
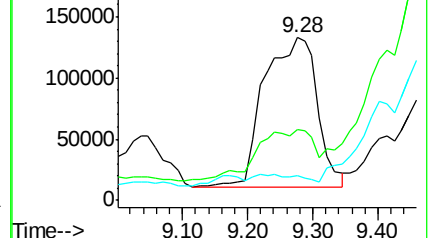
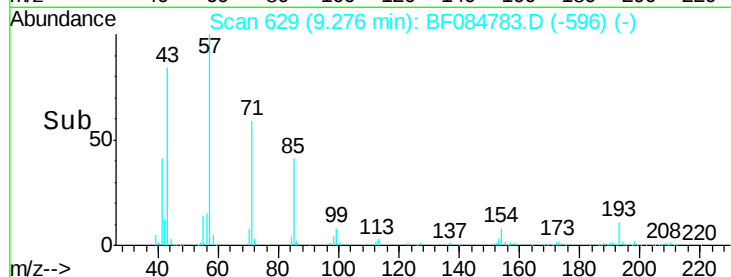
76 15.3 0.0 32.7



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): BFO



#46

2-Chloronaphthalene

Concen: 2.08 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

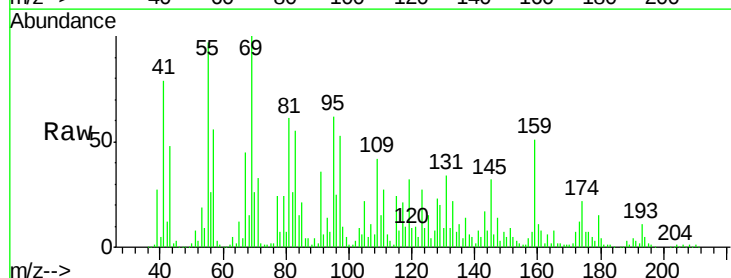
Tgt Ion:162 Resp: 19442

Ion Ratio Lower Upper

162 100

127 455.6 40.2 60.4#

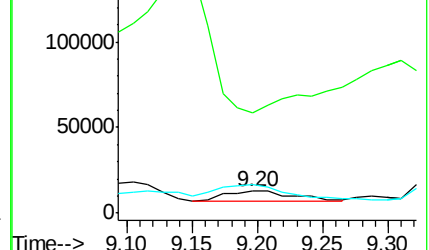
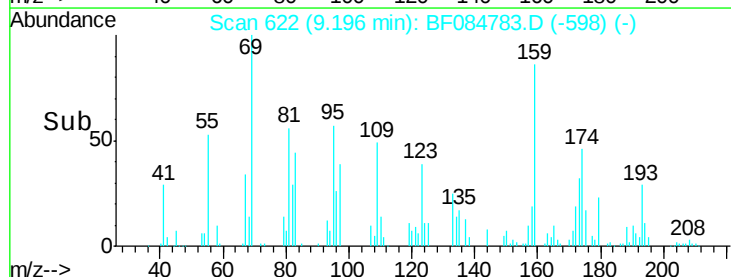
164 128.9 25.7 38.5#

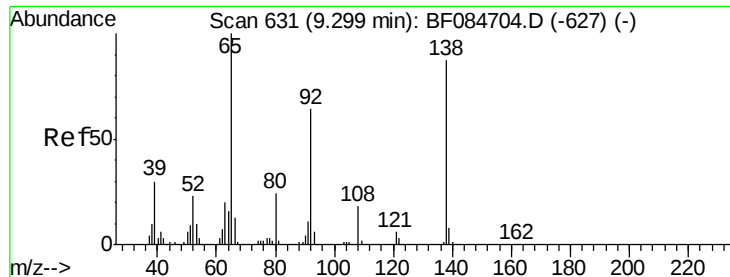


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 86.65 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.03 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

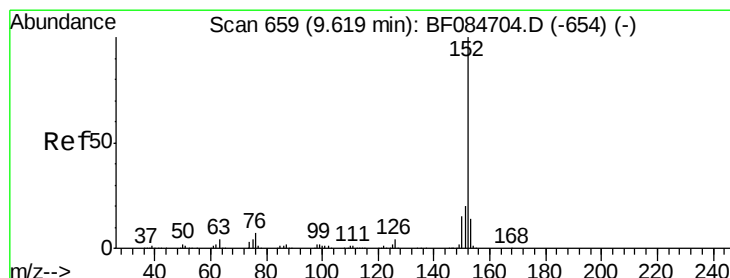
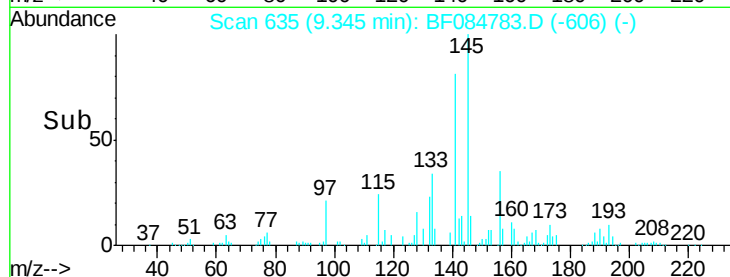
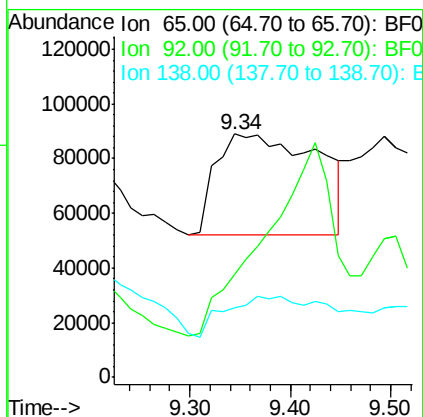
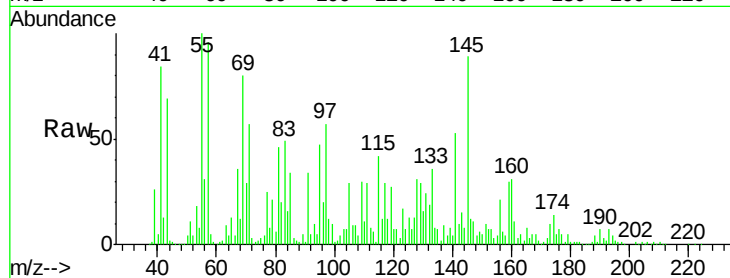
Tot Ion: 65 Resp: 256604

Ion Ratio Lower Upper

65 100

92 42.1 53.4 80.2#

138 28.5 71.1 106.7#



#48

Acenaphthylene

Concen: 12.54 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.09 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

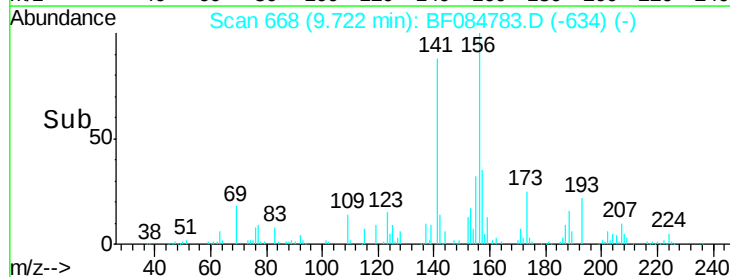
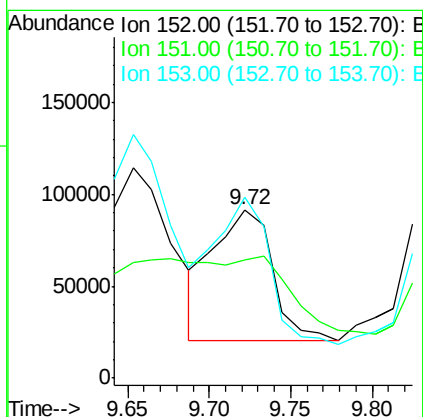
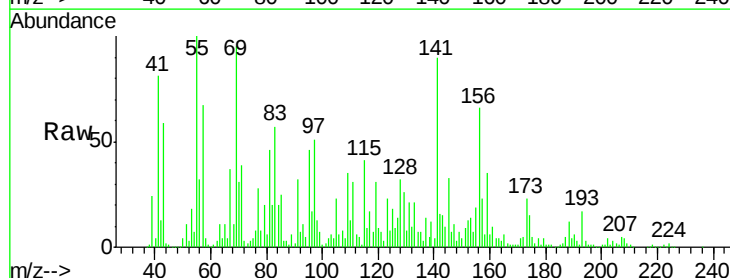
Tgt Ion: 152 Resp: 178015

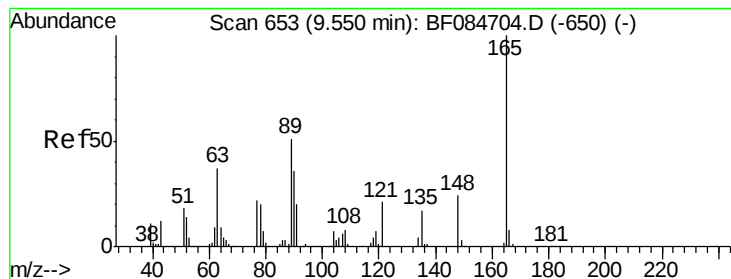
Ion Ratio Lower Upper

152 100

151 70.4 16.3 24.5#

153 107.6 10.4 15.6#





#50

2,6-Dinitrotoluene

Concen: 58.60 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.13 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

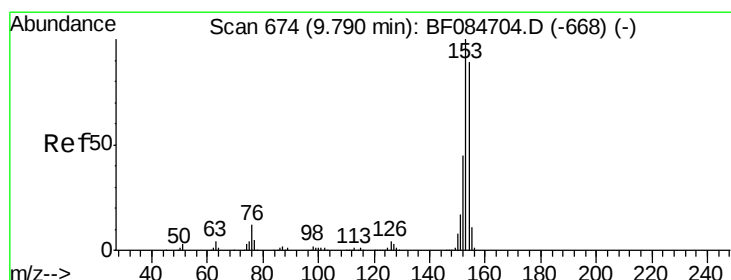
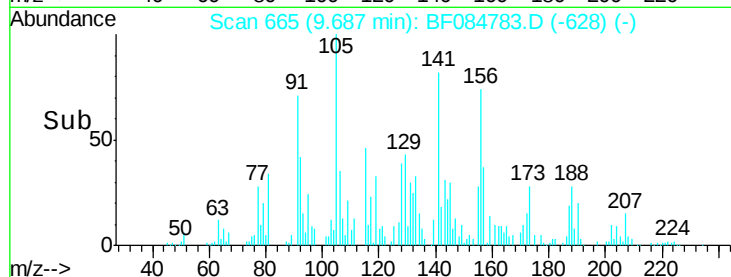
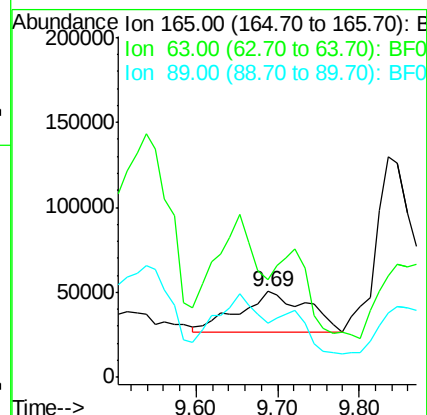
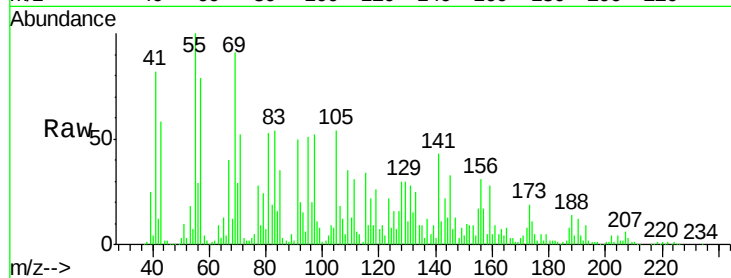
Tot Ion:165 Resp: 138627

Ion Ratio Lower Upper

165 100

63 113.0 28.8 43.2#

89 63.6 35.1 52.7#



#51

Acenaphthene

Concen: 45.77 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.09 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

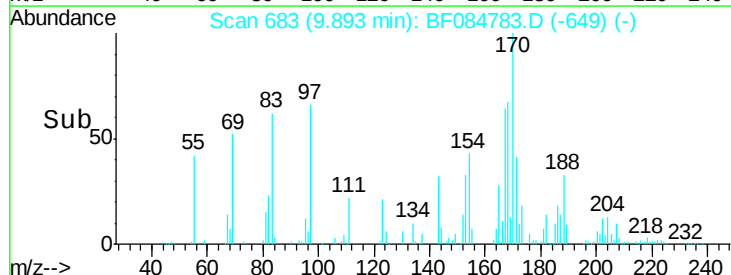
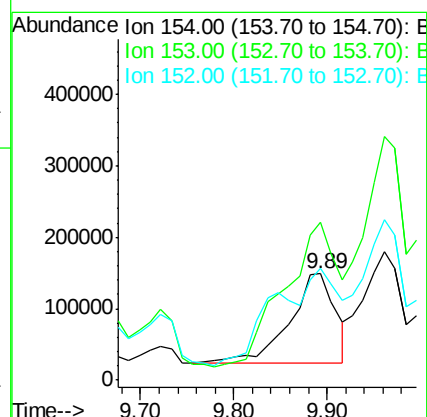
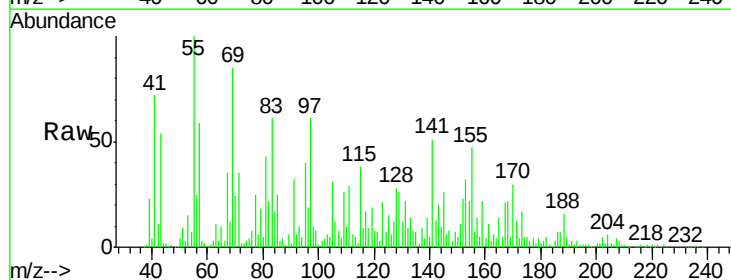
Tgt Ion:154 Resp: 422614

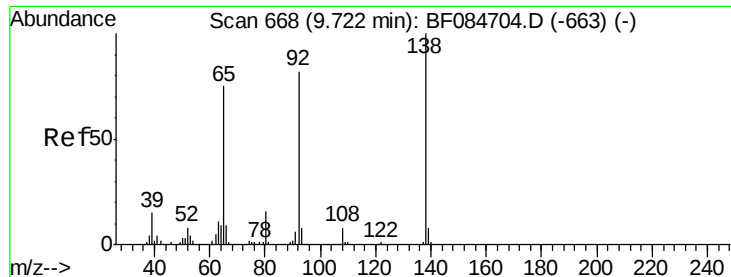
Ion Ratio Lower Upper

154 100

153 149.1 91.5 137.3#

152 105.6 43.0 64.6#





#52

3-Nitroaniline

Concen: 20.39 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.11 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

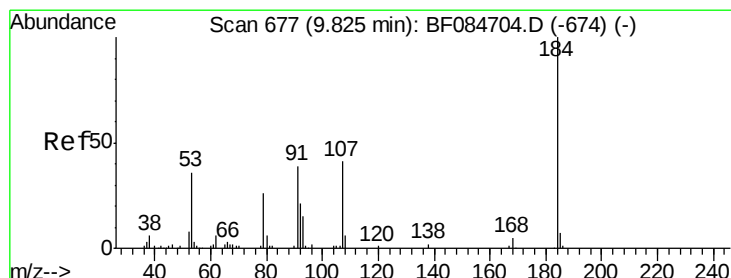
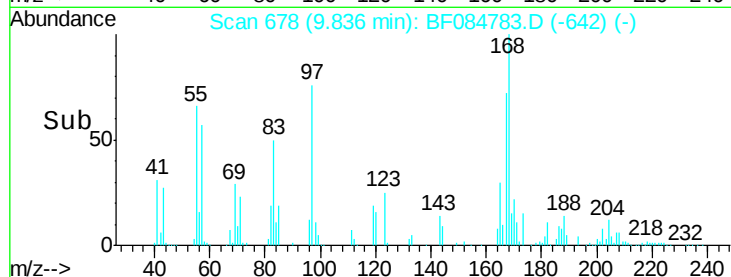
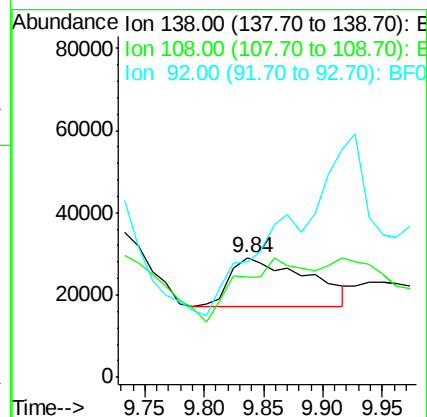
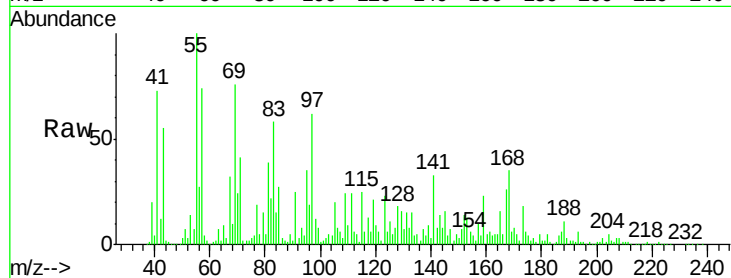
Tot Ion:138 Resp: 54200

Ion Ratio Lower Upper

138 100

108 83.3 10.5 15.7#

92 96.4 103.9 155.9#



#53

2,4-Dinitrophenol

Concen: 13.64 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

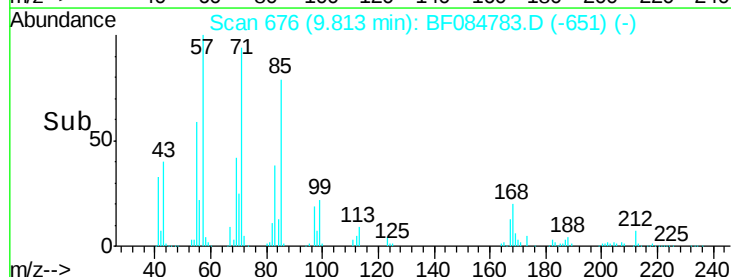
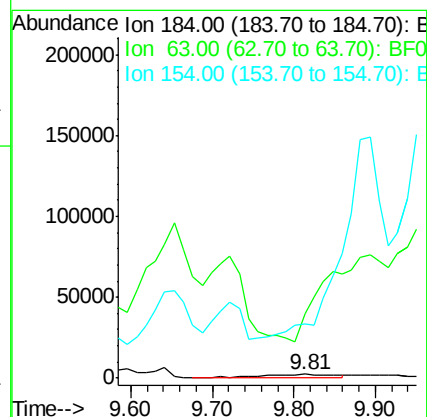
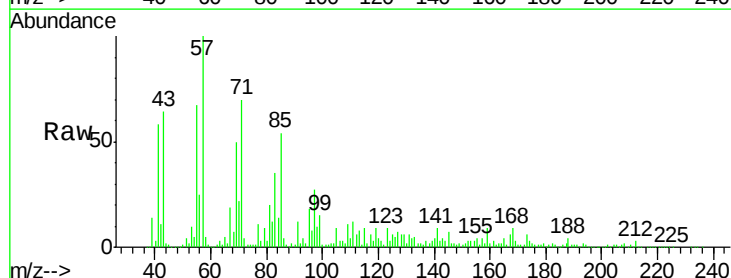
Tgt Ion:184 Resp: 9232

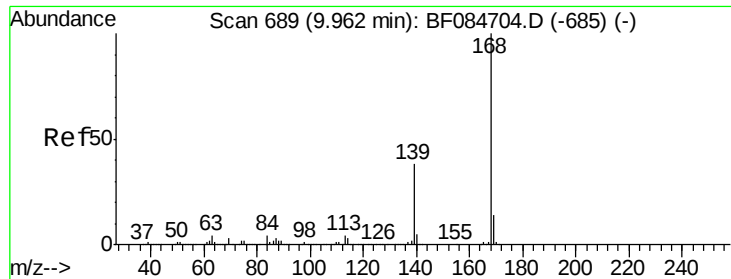
Ion Ratio Lower Upper

184 100

63 1702.6 43.1 64.7#

154 1453.1 60.5 90.7#

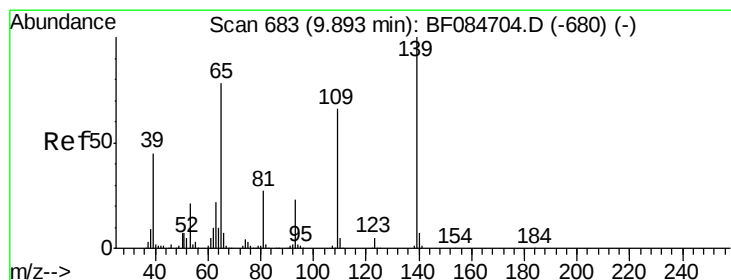
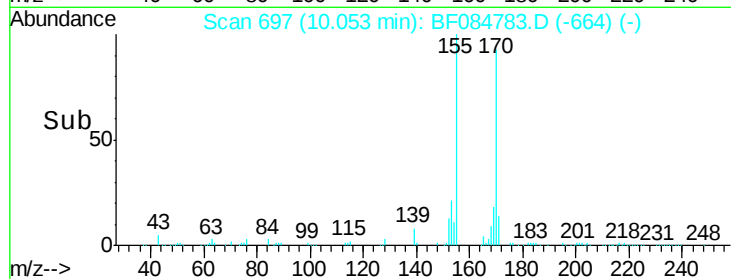
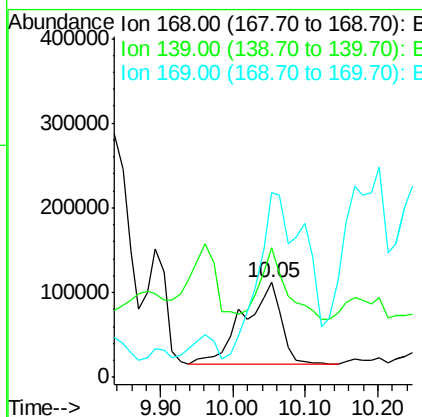
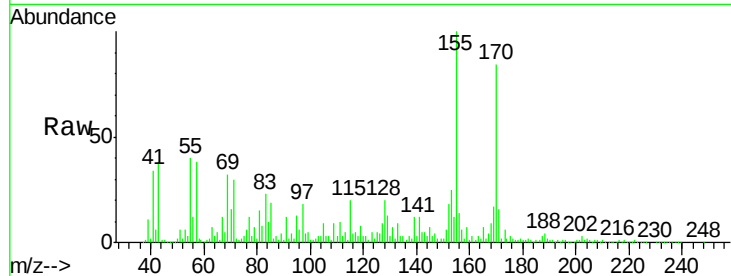




#54
Dibenzofuran
Concen: 31.31 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.08 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

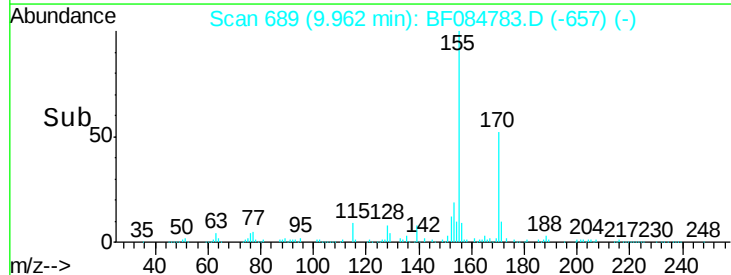
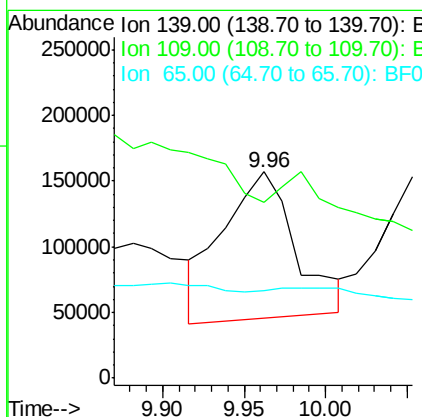
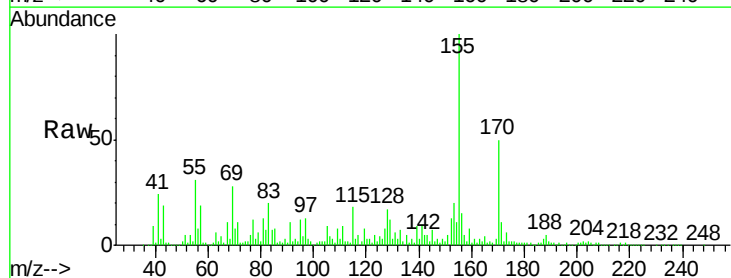
Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

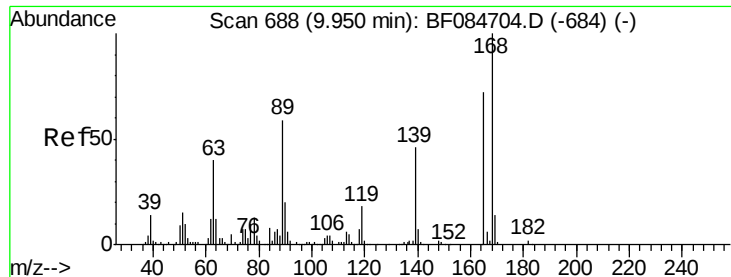
Tot Ion	Ratio	Lower	Upper
168	100		
139	136.7	30.5	45.7#
169	194.6	10.4	15.6#



#55
4-Nitrophenol
Concen: 178.40 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.07 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.5	58.5	98.5
65	42.6	57.6	97.6#

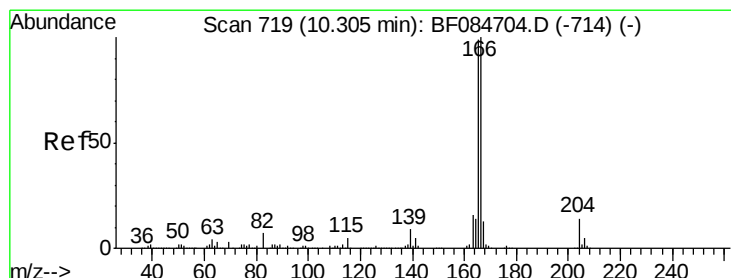
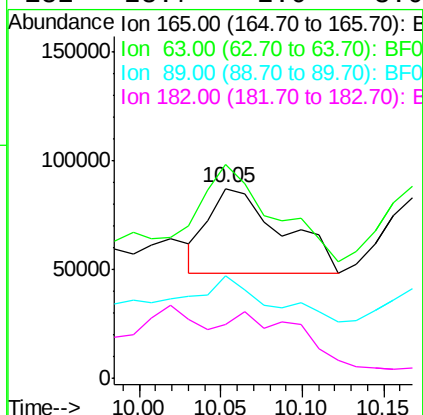
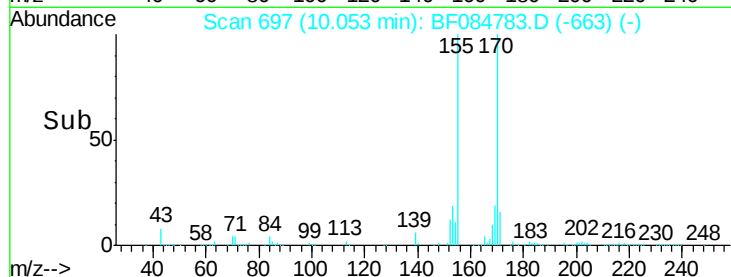
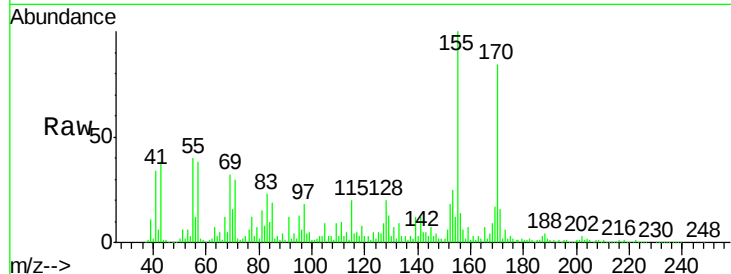




#56
 2,4-Dinitrotoluene
 Concen: 39.92 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.09 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

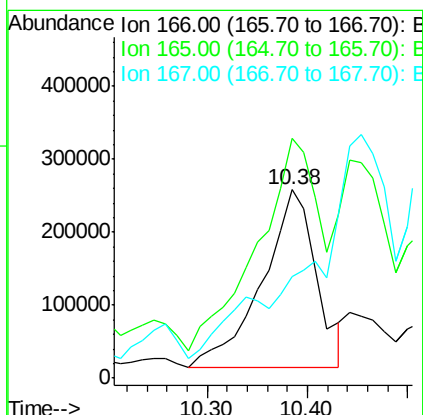
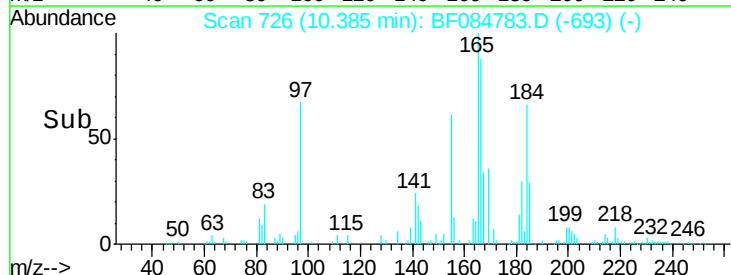
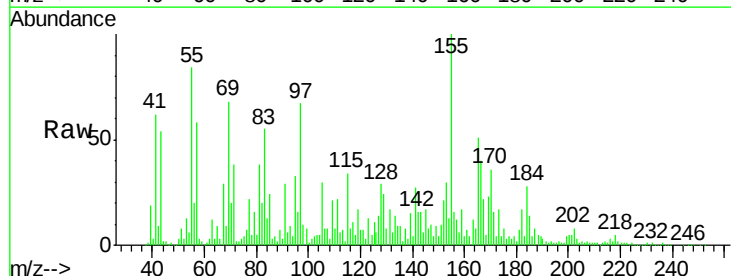
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

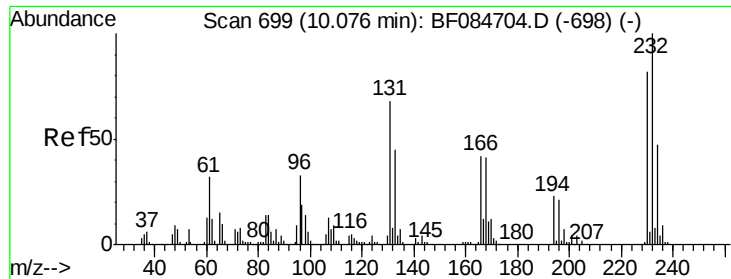
Tot Ion:165 Resp: 120456
 Ion Ratio Lower Upper
 165 100
 63 112.6 36.7 55.1#
 89 54.2 61.9 92.9#
 182 28.7 2.0 3.0#



#57
 Fluorene
 Concen: 95.95 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.08 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:166 Resp: 904195
 Ion Ratio Lower Upper
 166 100
 165 127.5 79.1 118.7#
 167 53.6 10.4 15.6#

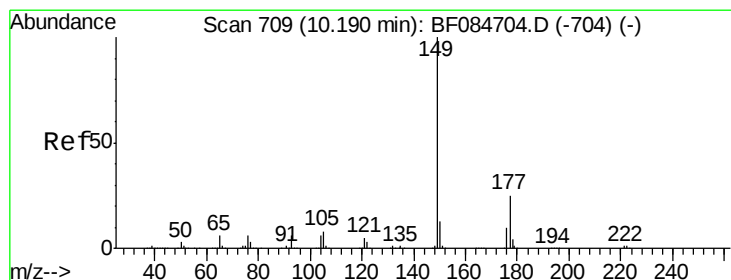
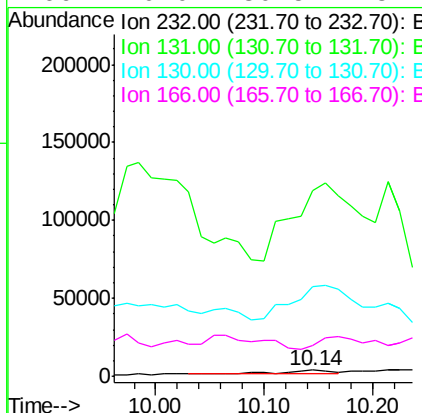
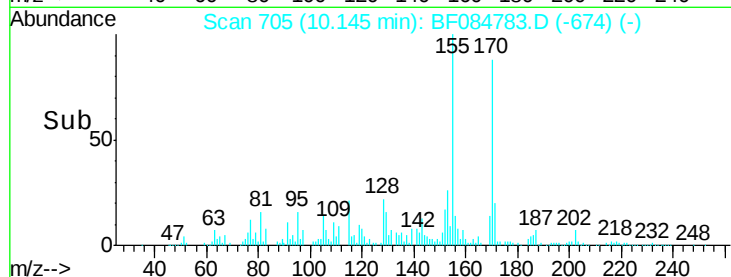
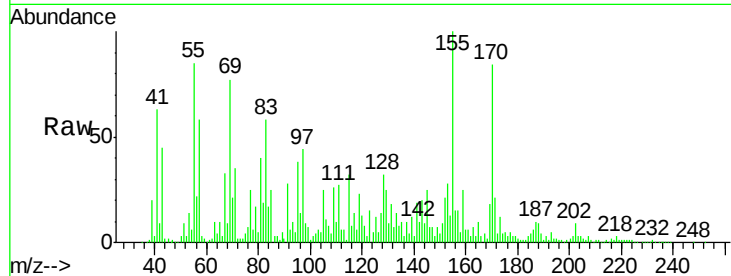




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.57 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.06 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

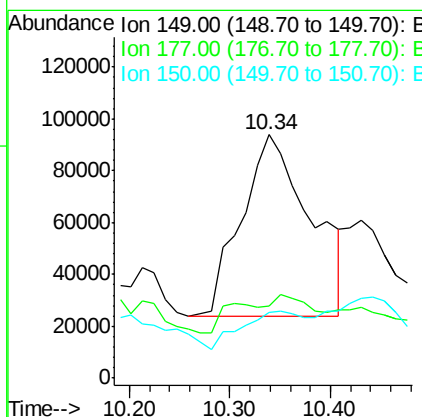
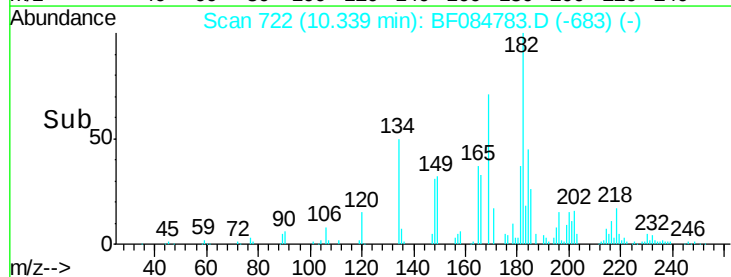
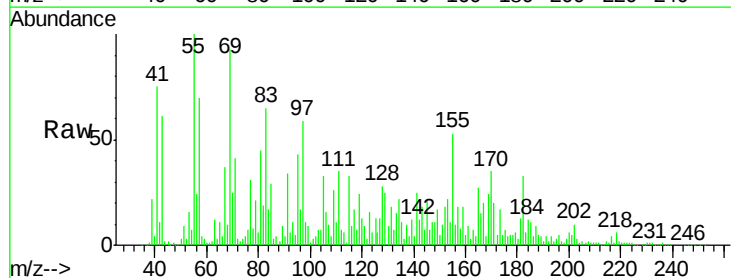
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

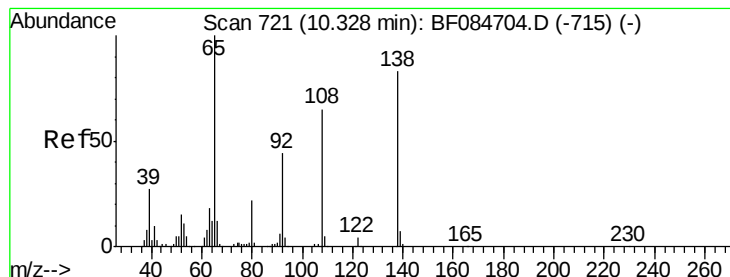
Tot Ion:232 Resp: 8040
 Ion Ratio Lower Upper
 232 100
 131 2614.3 47.0 70.6#
 130 2194.0 2.0 3.0#
 166 0.0 30.5 45.7#



#59
 Diethylphthalate
 Concen: 31.56 ng
 RT: 10.34 min Scan# 722
 Delta R.T. 0.15 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:149 Resp: 333756
 Ion Ratio Lower Upper
 149 100
 177 29.7 17.3 25.9#
 150 27.2 9.8 14.8#





#61

4-Nitroaniline

Concen: 3.71 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.17 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

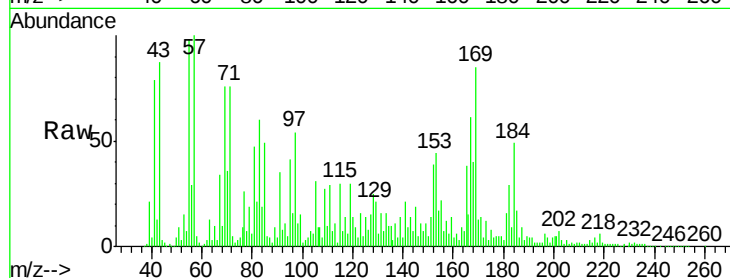
Tot Ion:138 Resp: 9616

Ion Ratio Lower Upper

138 100

92 186.9 32.6 72.6#

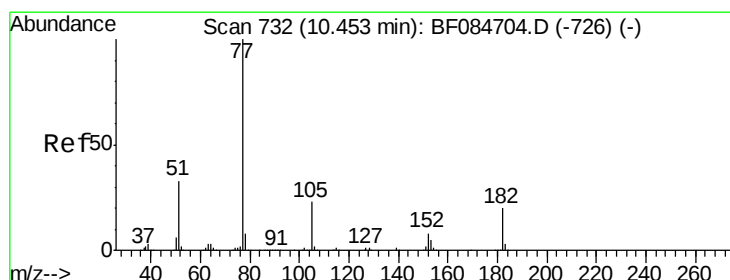
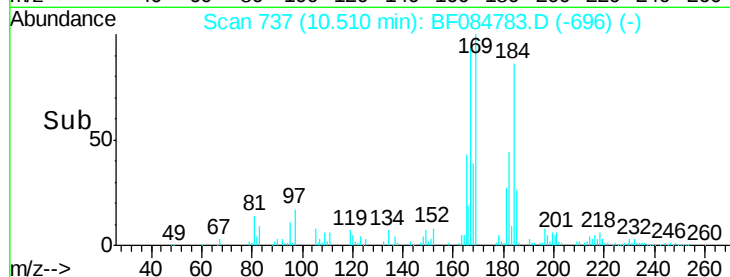
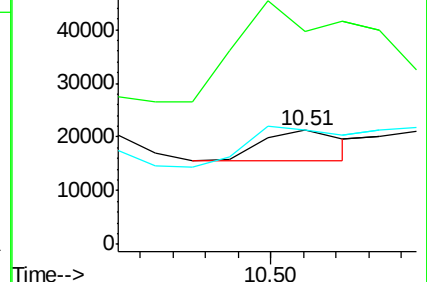
108 99.8 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 55.13 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.14 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Tgt Ion: 77 Resp: 560562

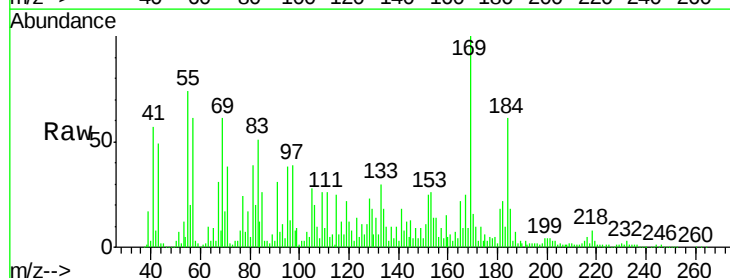
Ion Ratio Lower Upper

77 100

182 93.3 8.3 48.3#

105 114.5 4.6 44.6#

51 30.9 6.2 46.2

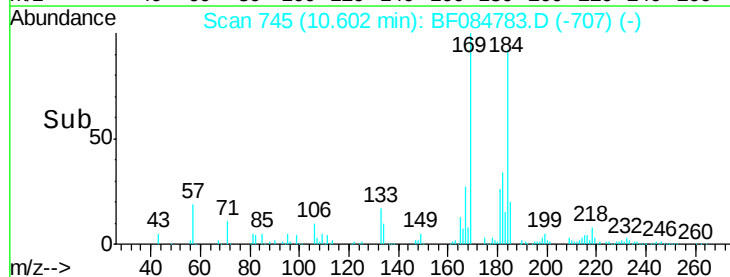
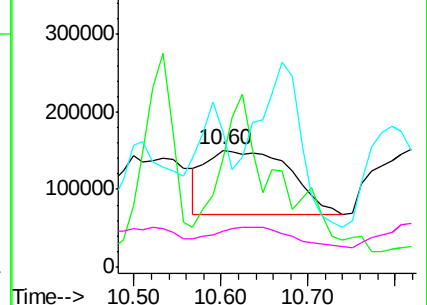


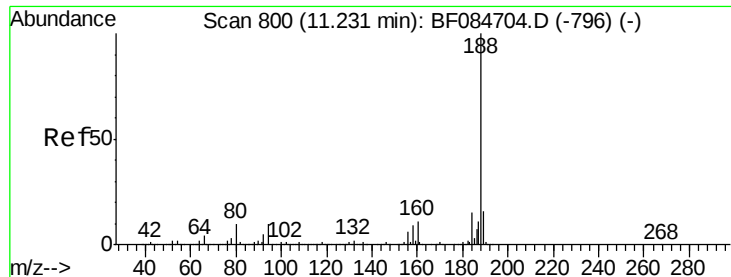
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.31 min Scan# 807

Delta R.T. 0.07 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

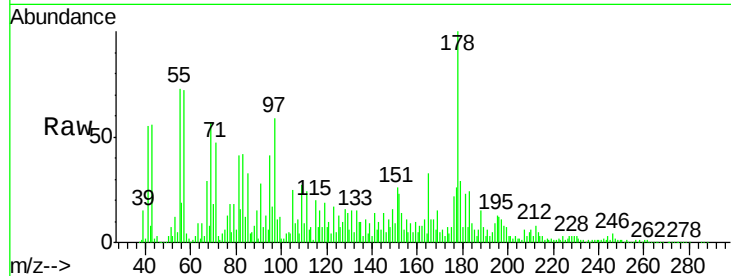
Tot Ion:188 Resp: 209979

Ion Ratio Lower Upper

188 100

94 40.0 9.0 13.4#

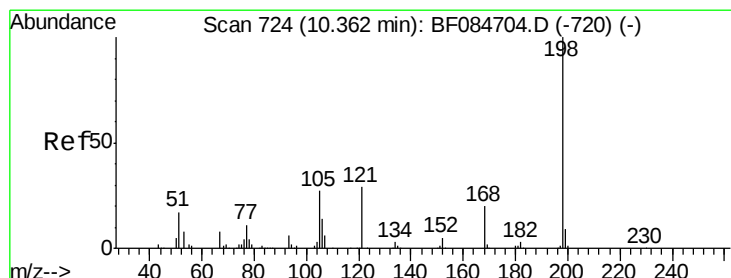
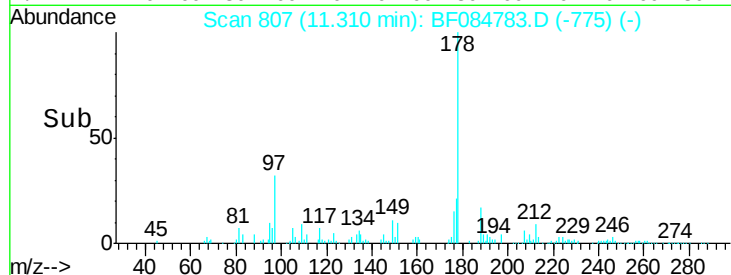
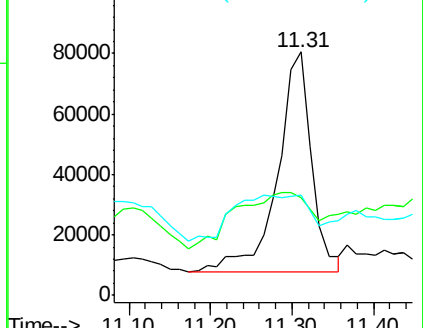
80 41.3 9.6 14.4#



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: 9.06 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

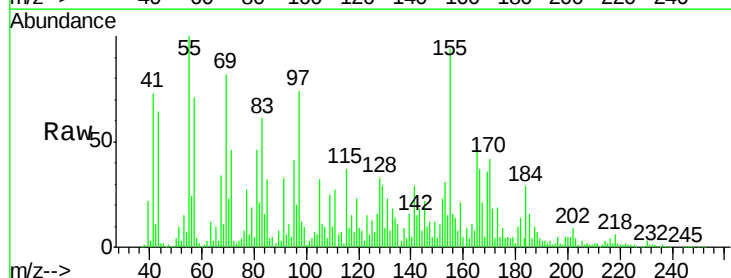
Tgt Ion:198 Resp: 11745

Ion Ratio Lower Upper

198 100

51 928.6 18.9 58.9#

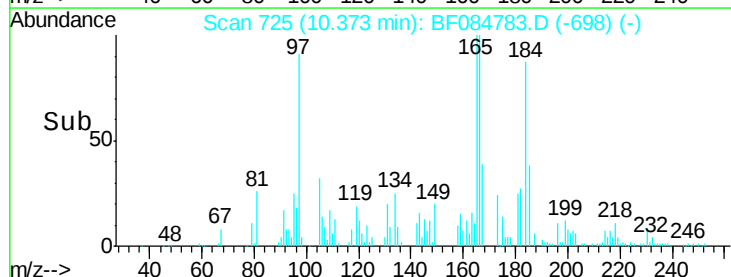
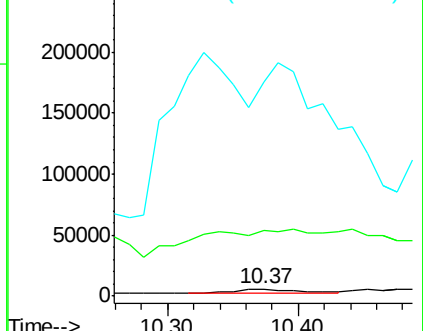
105 3051.8 26.4 66.4#

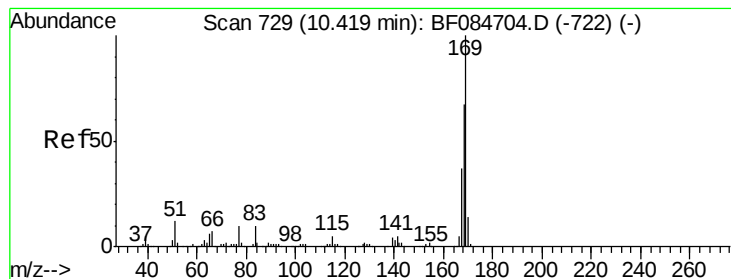


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 94.49 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.07 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

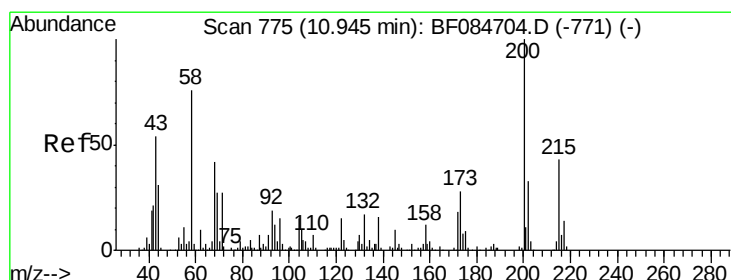
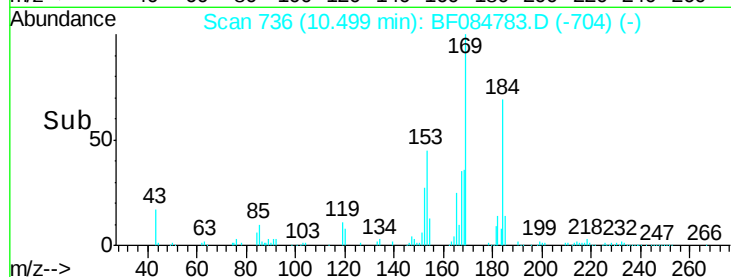
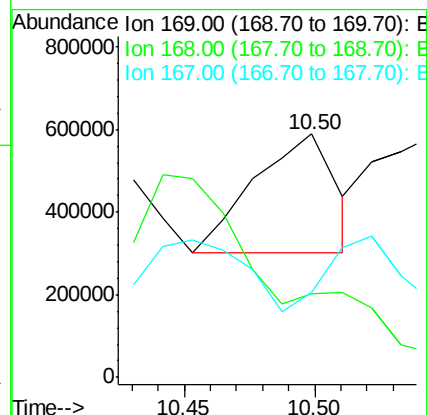
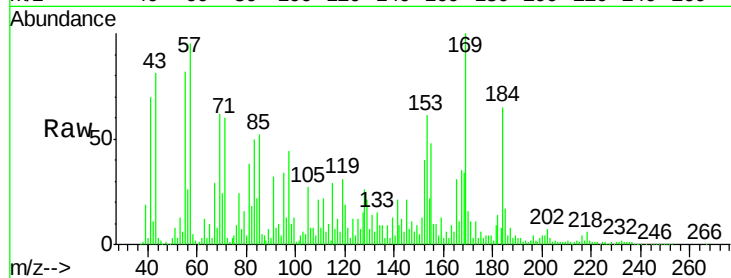
Tot Ion:169 Resp: 630014

Ion Ratio Lower Upper

169 100

168 34.4 55.1 82.7#

167 35.1 30.0 45.0



#68

Atrazine

Concen: 18.84 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.07 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

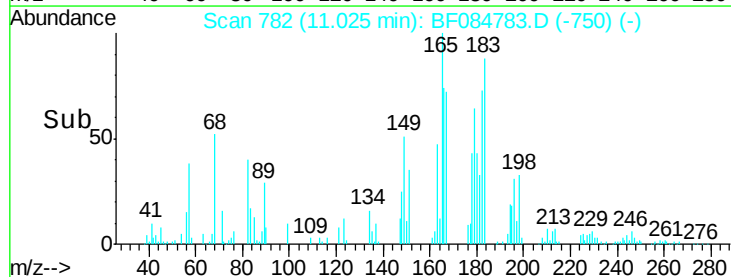
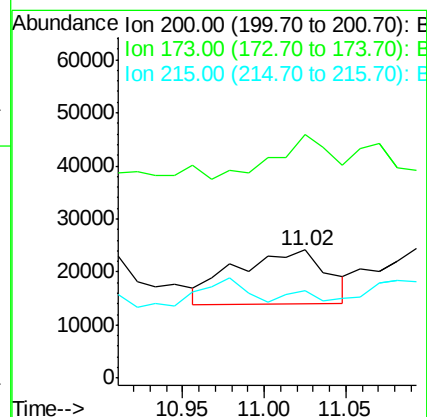
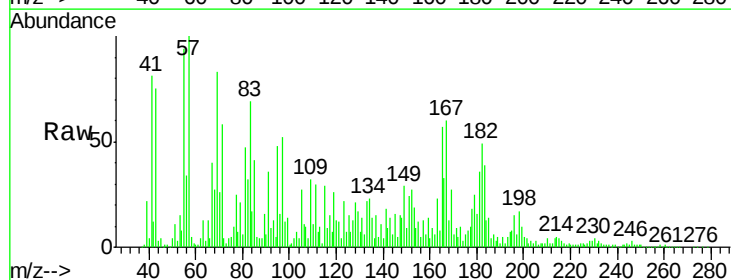
Tgt Ion:200 Resp: 39671

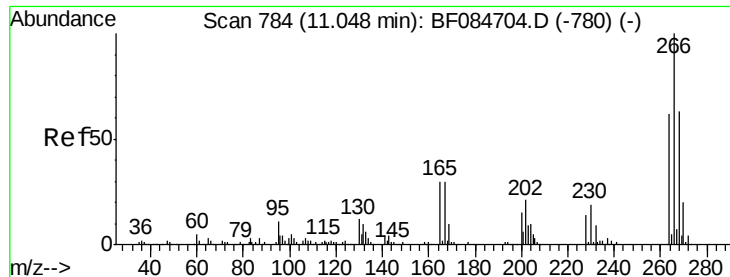
Ion Ratio Lower Upper

200 100

173 189.8 9.5 49.5#

215 68.3 23.8 63.8#

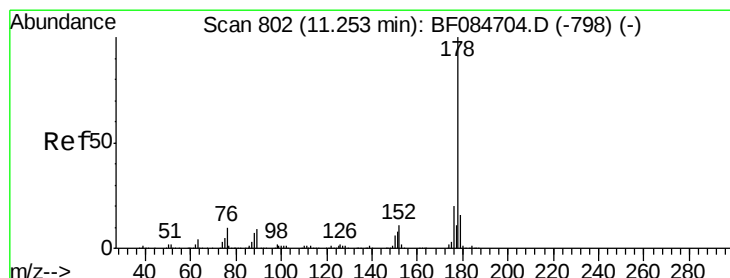
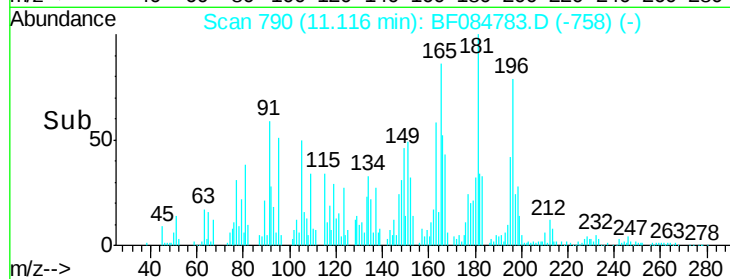
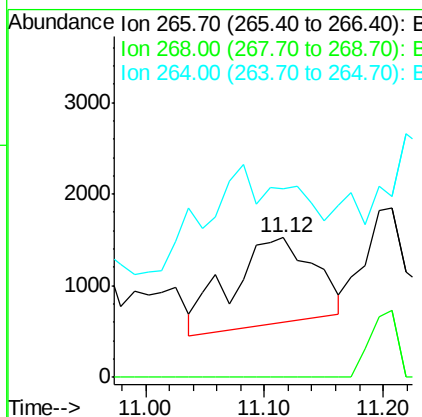
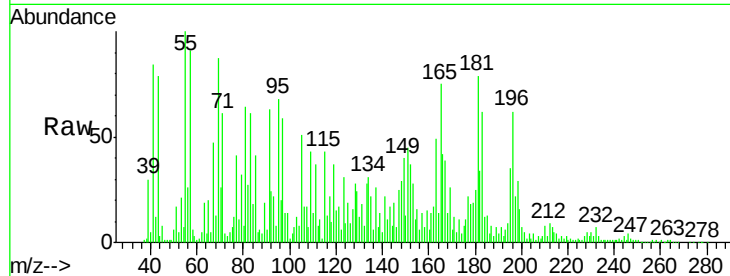




#69
 Pentachlorophenol
 Concen: 3.85 na
 RT: 11.12 min Scan# 790
 Delta R.T. 0.07 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

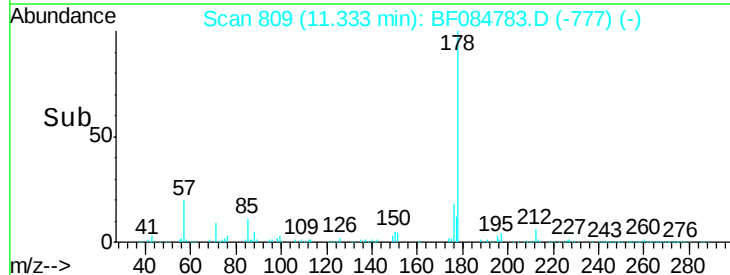
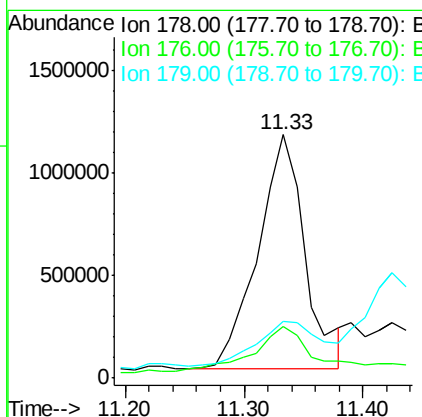
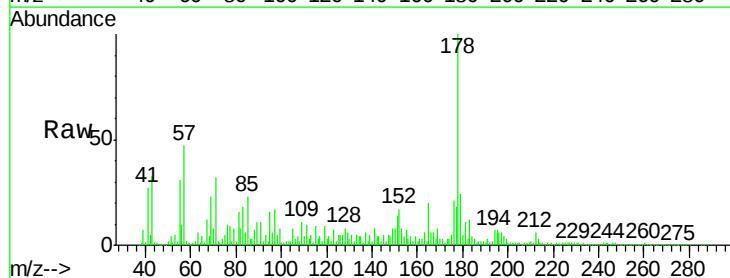
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

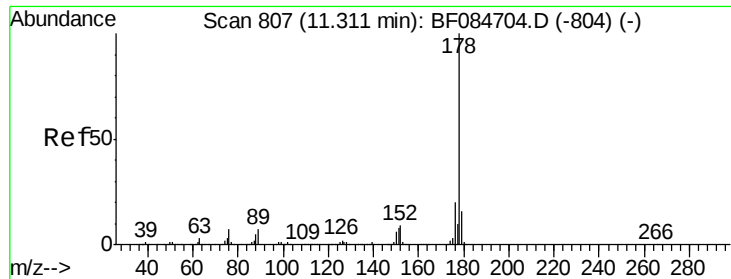
Tot Ion:266 Resp: 4574
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 135.6 50.2 75.2#



#70
 Phenanthrene
 Concen: 269.88 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.07 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:178 Resp: 3143105
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.3 22.9
 179 23.5 12.0 18.0#

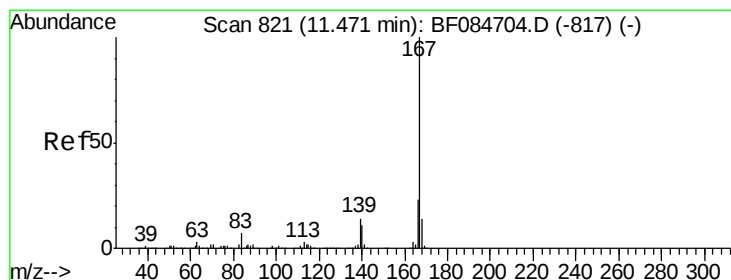
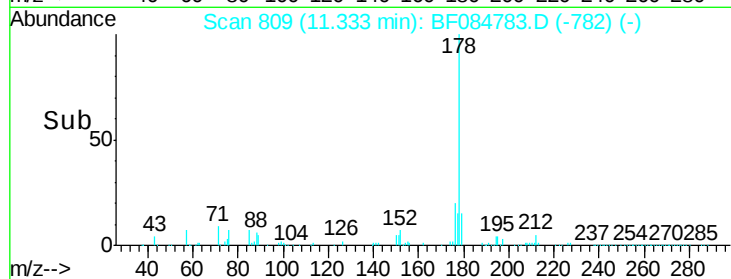
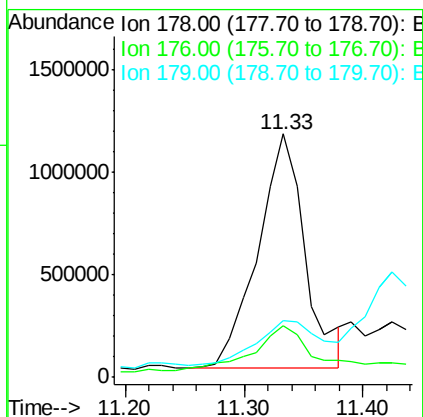
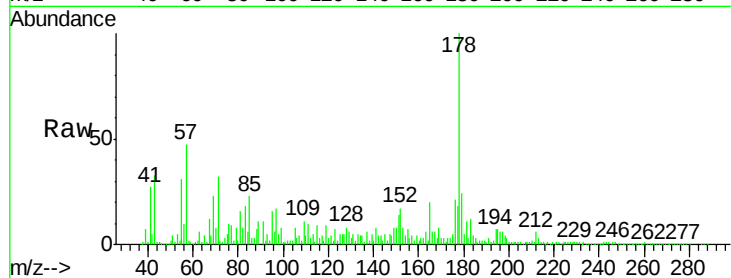




#71
 Anthracene
 Concen: 267.83 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

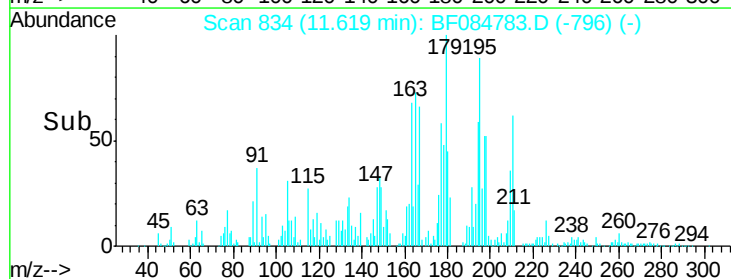
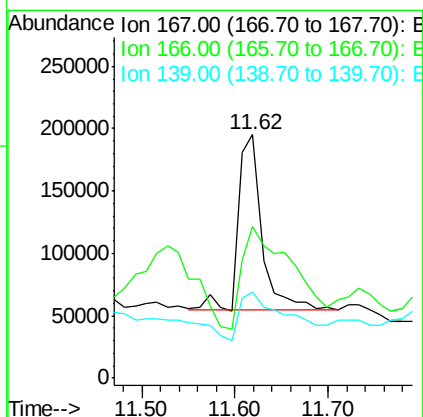
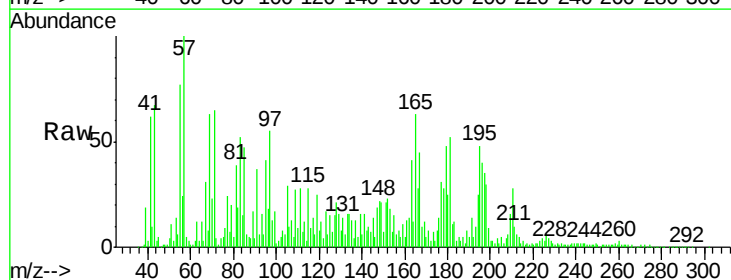
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

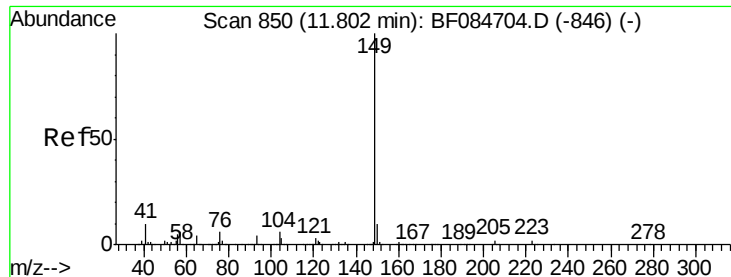
Tot Ion:178 Resp: 3143105
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.4 23.0
 179 23.5 12.5 18.7#



#72
 Carbazole
 Concen: 24.38 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.14 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:167 Resp: 249472
 Ion Ratio Lower Upper
 167 100
 166 62.3 17.6 26.4#
 139 35.2 11.8 17.8#





#73

Di-n-butylphthalate

Concen: 16.34 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.11 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

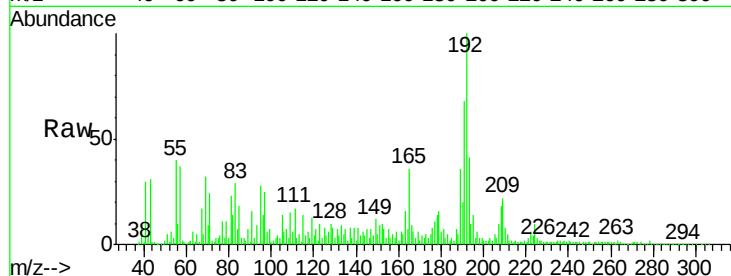
Tot Ion:149 Resp: 212879

Ion Ratio Lower Upper

149 100

150 44.9 7.1 10.7#

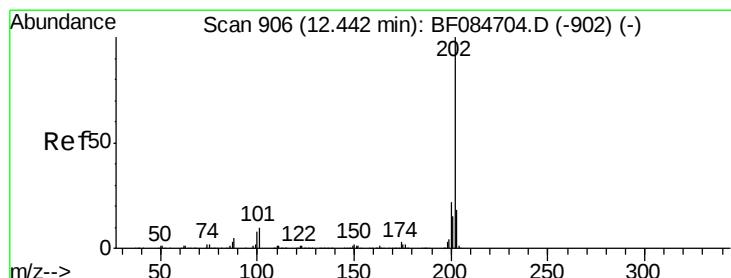
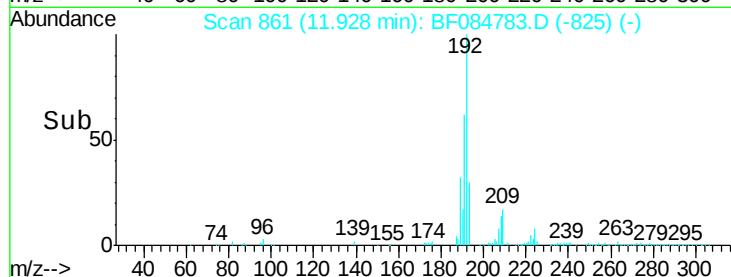
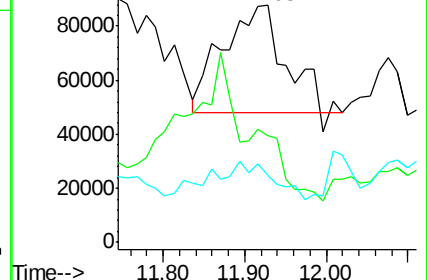
104 28.1 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 4.16 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.10 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

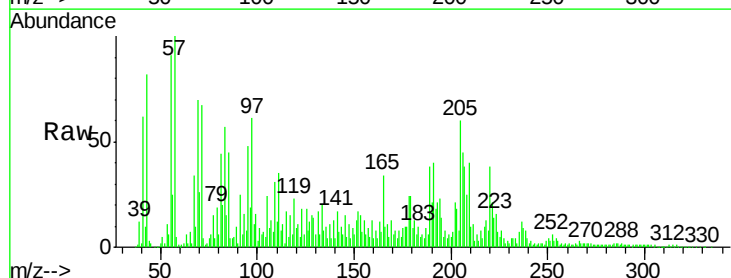
Tgt Ion:202 Resp: 48999

Ion Ratio Lower Upper

202 100

101 41.8 0.0 32.8#

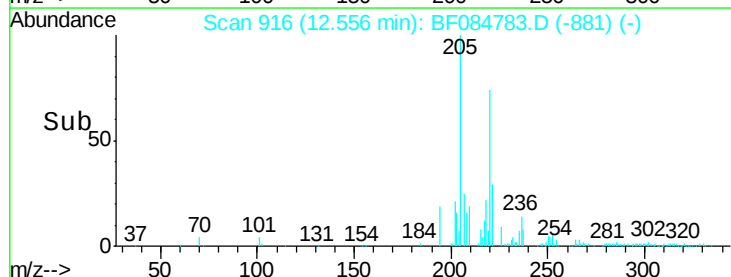
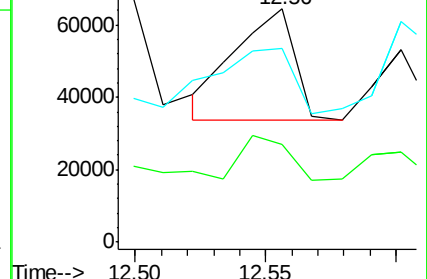
203 82.8 0.0 37.9#

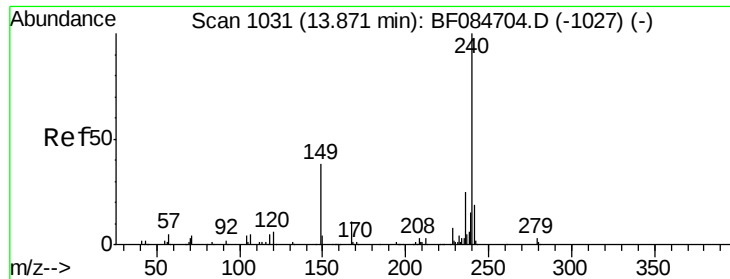


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

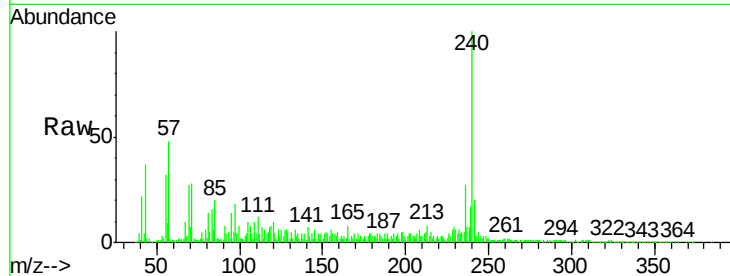
Tot Ion:240 Resp: 318570

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

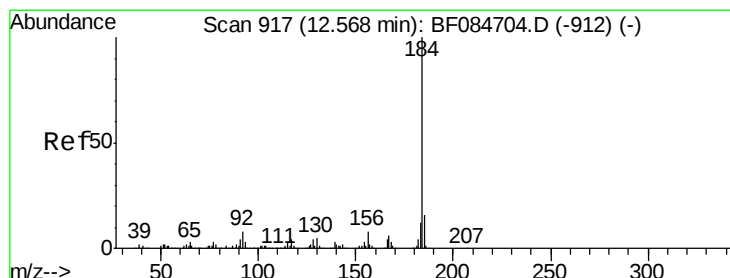
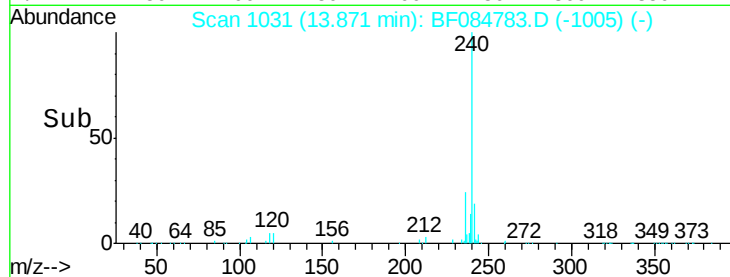
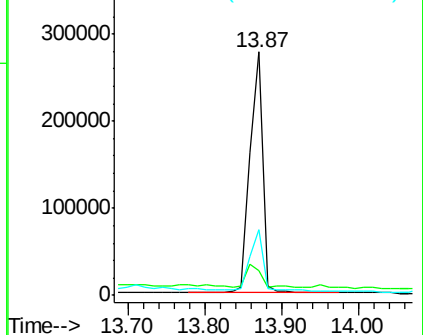
236 26.9 20.6 31.0



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: 8.01 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

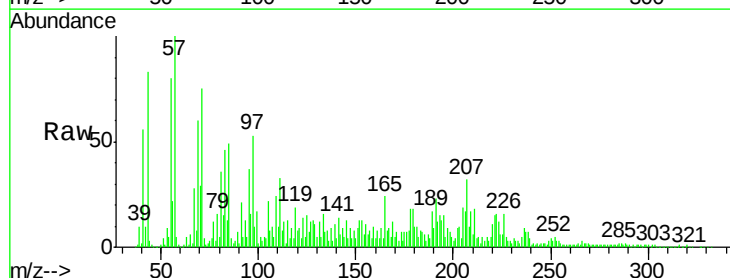
Tgt Ion:184 Resp: 18869

Ion Ratio Lower Upper

184 100

185 77.8 12.2 18.2#

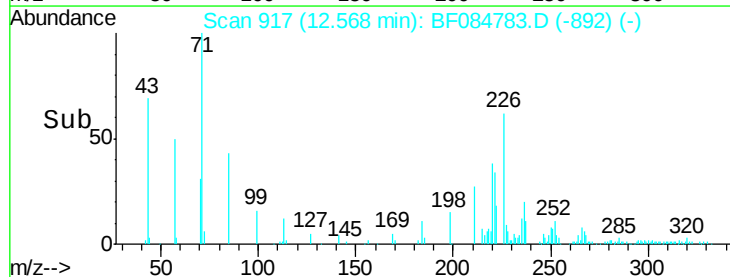
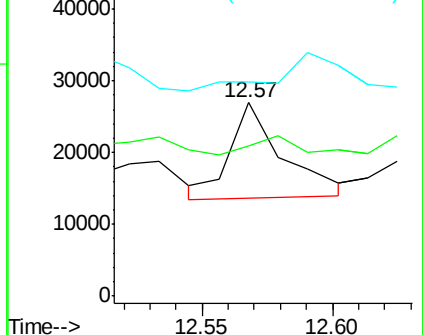
183 110.8 9.8 14.8#

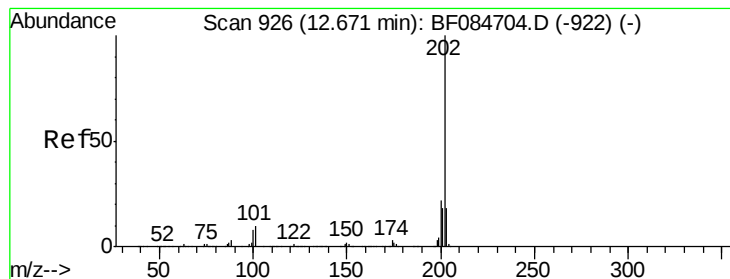


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.67 ng

RT: 12.70 min Scan# 929

Delta R.T. 0.02 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

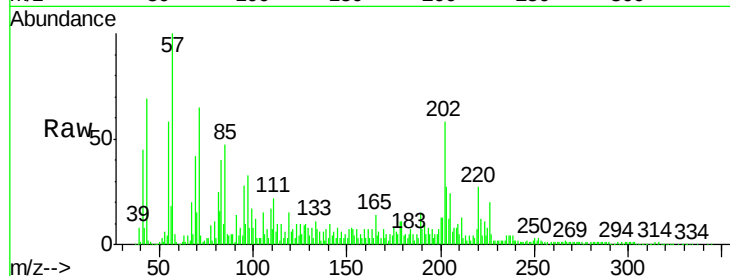
Tot Ion:202 Resp: 650613

Ion Ratio Lower Upper

202 100

200 22.9 17.2 25.8

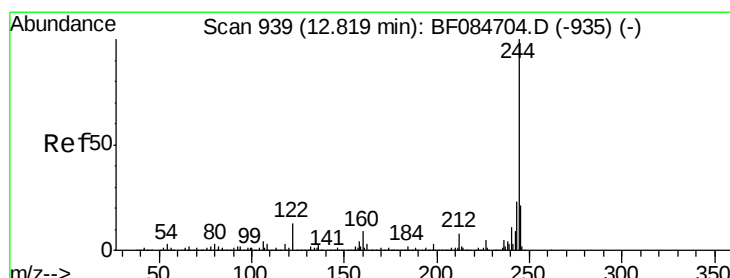
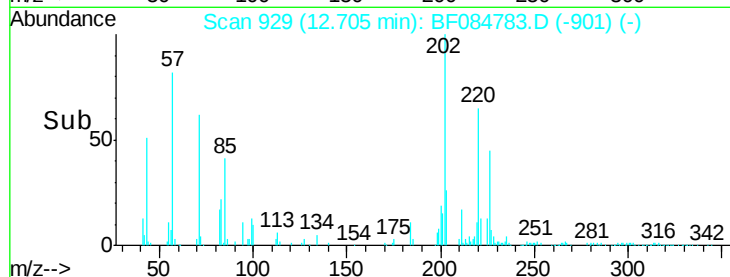
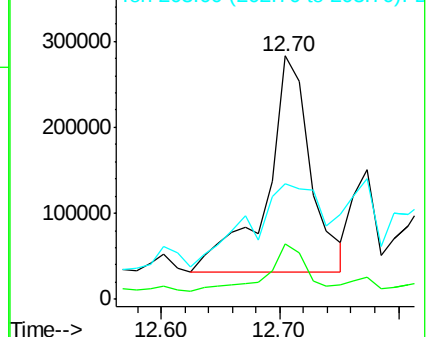
203 47.5 14.3 21.5#



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: 55.56 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

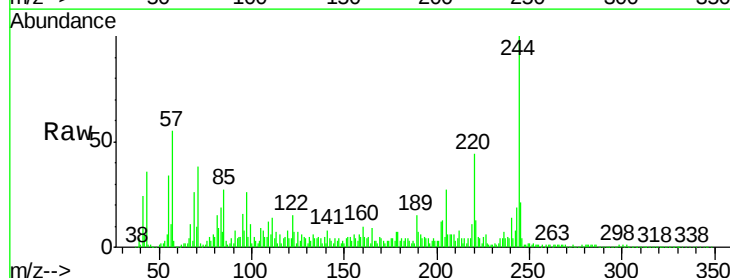
Tgt Ion:244 Resp: 781050

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

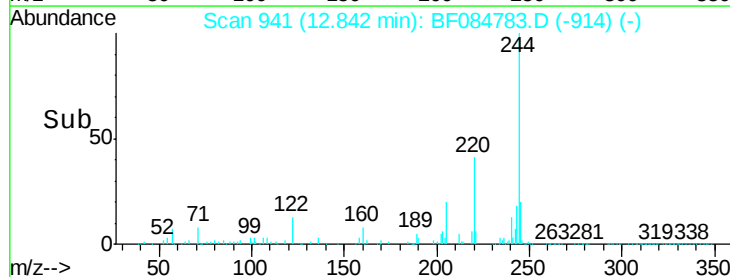
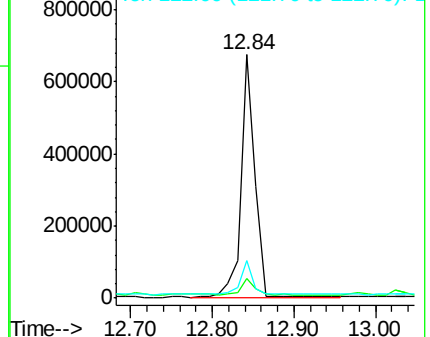
122 15.3 7.4 11.0#

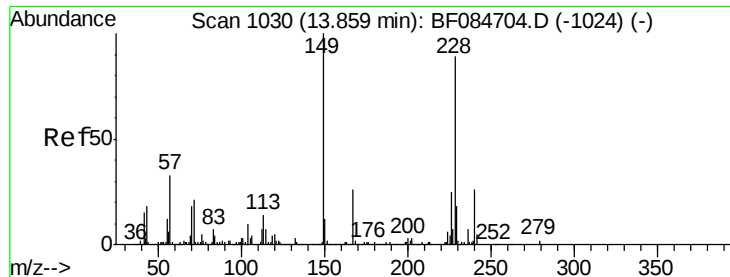


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.80 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

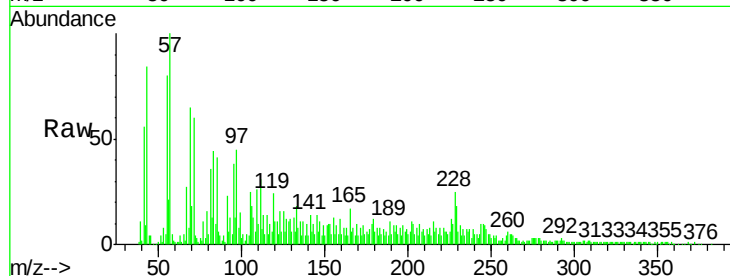
Tot Ion:228 Resp: 55408

Ion Ratio Lower Upper

228 100

226 46.2 21.8 32.6#

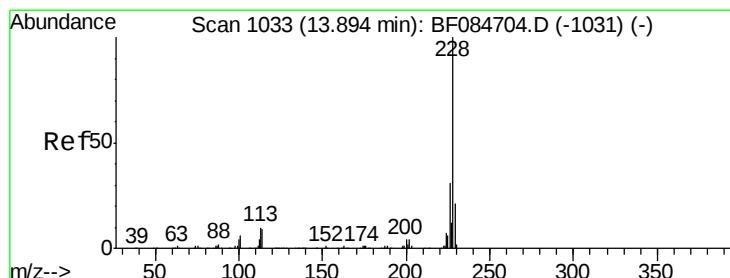
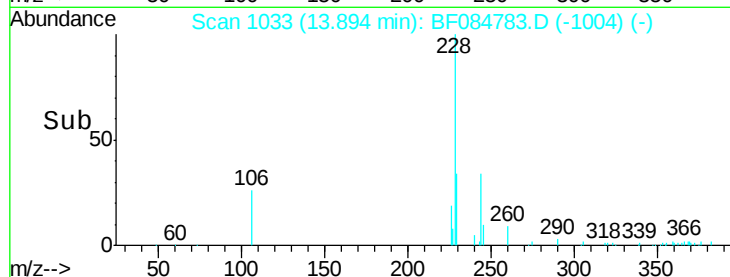
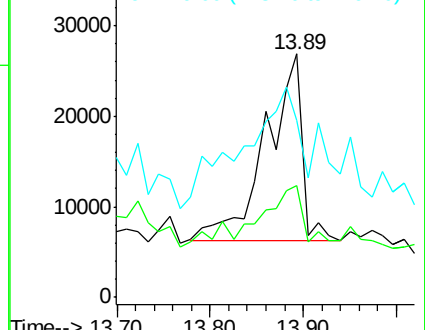
229 73.0 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.92 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF084783.D

Acq: 3 Feb 2016 9:54

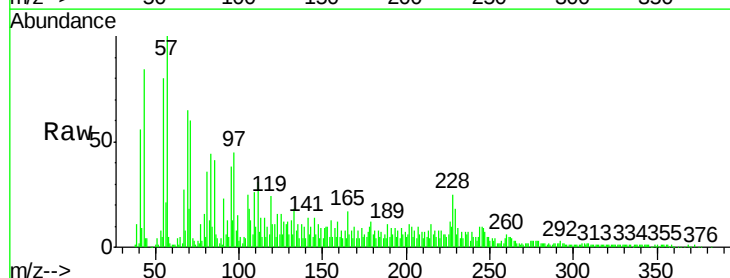
Tgt Ion:228 Resp: 55989

Ion Ratio Lower Upper

228 100

226 46.2 24.3 36.5#

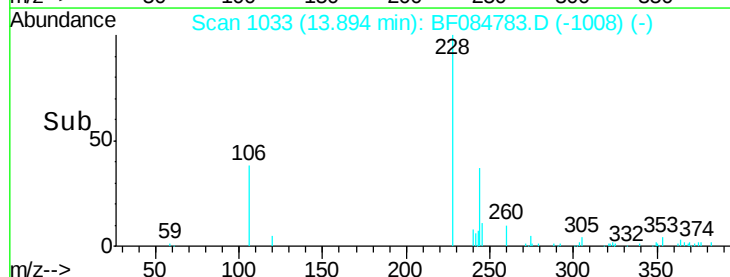
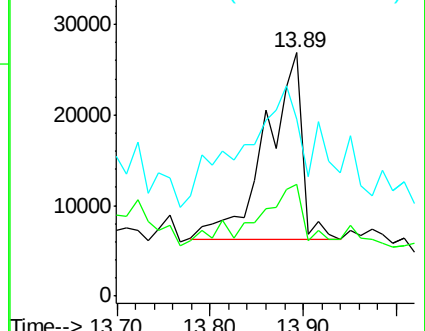
229 73.0 16.1 24.1#

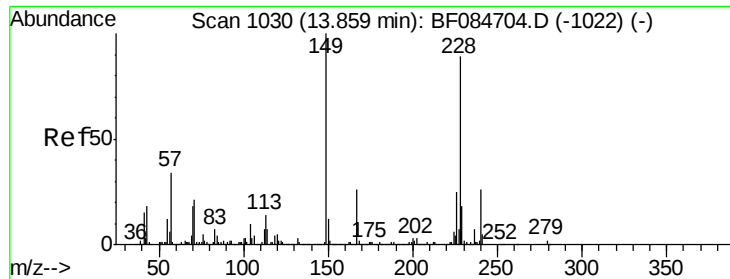


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

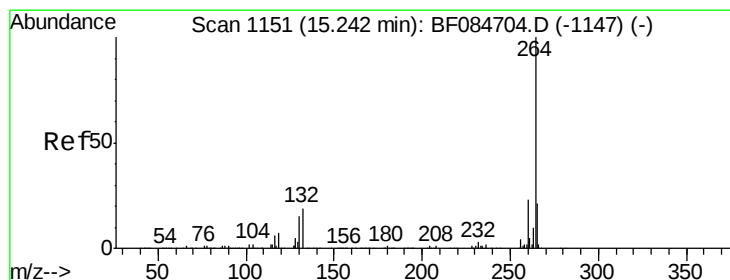
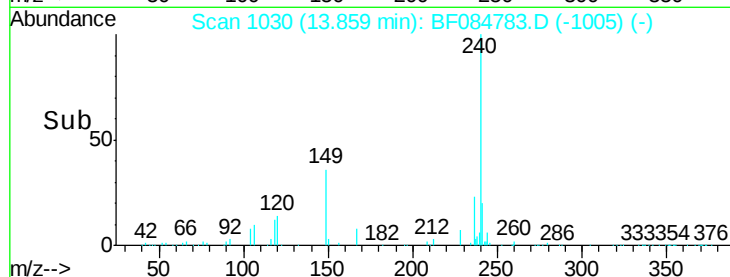
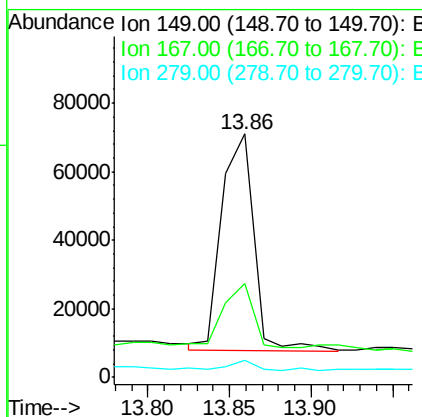
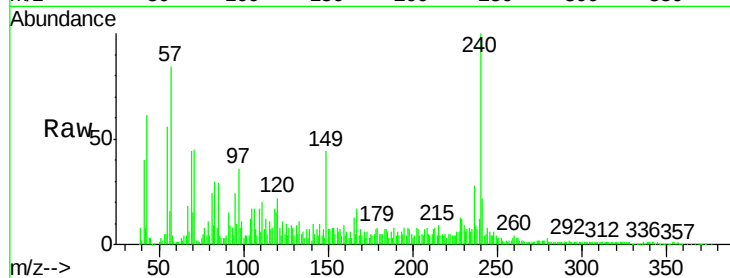




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.26 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Tot Ion:149 Resp: 86234
 Ion Ratio Lower Upper
 149 100
 167 38.6 19.7 29.5#
 279 7.0 1.8 2.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF084783.D
 Acq: 3 Feb 2016 9:54

Tgt Ion:264 Resp: 351992
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.0 17.8 26.6

