

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084748.D
 Acq On : 2 Feb 2016 11:17
 Operator : SJ/IZ
 Sample : H1306-02DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL01DL

Quant Time: Feb 03 00:16:09 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	157130	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	560927	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	240090	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	460830	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	535171	20.00	ng	-0.02
86) Perylene-d12	15.23	264	421877	20.00	ng	-0.02

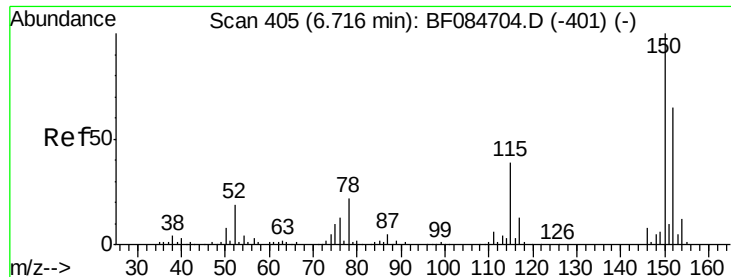
System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	644284	63.87	ng	-0.02
7) Phenol-d6	6.35	99	833682	66.66	ng	-0.02
23) Nitrobenzene-d5	7.26	82	484088	48.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	158738	63.39	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	634073	36.96	ng	-0.02
78) Terphenyl-d14	12.81	244	749892	31.75	ng	-0.02

Target Compounds

						Qvalue
15) Benzyl Alcohol	6.85	79	17536	2.03	ng	# 49
18) Hexachloroethane	7.17	117	32077	6.91	ng	# 1
19) n-Nitroso-di-n-propylamine	7.13	70	18618	2.37	ng	# 76
24) Nitrobenzene	7.24	77	56609	5.31	ng	# 26
25) Isophorone	7.52	82	80328	4.15	ng	# 1
31) Naphthalene	8.01	128	261294	9.29	ng	# 82
33) 4-Chloroaniline	8.04	127	35754	3.07	ng	# 1
35) Caprolactam	8.43	113	130509	54.10	ng	# 1
36) 4-Chloro-3-methylphenol	8.52	107	26910	3.01	ng	# 34
37) 2-Methylnaphthalene	8.72	142	827361	46.98	ng	97
45) 1,1'-Biphenyl	9.17	154	237311	11.07	ng	98
46) 2-Chloronaphthalene	9.24	162	32891	2.08	ng	# 78
47) 2-Nitroaniline	9.33	65	24557	4.91	ng	# 51
49) Dimethylphthalate	9.47	163	165373	9.04	ng	# 80
50) 2,6-Dinitrotoluene	9.53	165	12889	3.23	ng	# 1
51) Acenaphthene	9.78	154	157084	10.08	ng	# 86
52) 3-Nitroaniline	9.70	138	10094	2.25	ng	# 45
53) 2,4-Dinitrophenol	9.80	184	2829	7.22	ng	# 1
54) Dibenzofuran	9.95	168	134011	7.03	ng	# 4
55) 4-Nitrophenol	9.86	139	117833	35.72	ng	# 74
56) 2,4-Dinitrotoluene	9.96	165	50335	9.88	ng	# 55
57) Fluorene	10.29	166	329243	20.69	ng	# 83
60) 4-Chlorophenyl-phenylether	10.30	204	3247	Below Cal		# 1
61) 4-Nitroaniline	10.21	138	14004	3.20	ng	# 82
65) n-Nitrosodiphenylamine	10.42	169	638199	43.61	ng	# 43
68) Atrazine	10.93	200	10253	2.22	ng	# 21
70) Phenanthrene	11.25	178	845733	33.09	ng	# 95
71) Anthracene	11.35	178	146427	5.69	ng	# 1
76) Benzidine	12.56	184	11986	7.31	ng	# 32
77) Pyrene	12.66	202	107396	2.62	ng	# 93

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

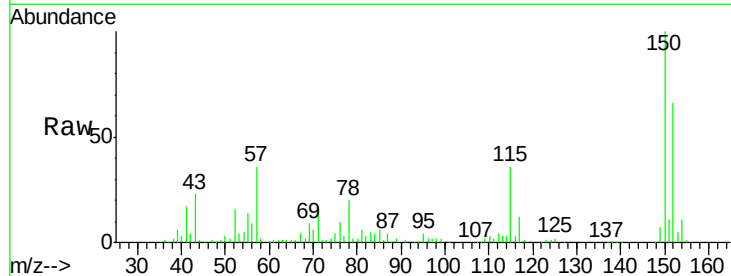


#1

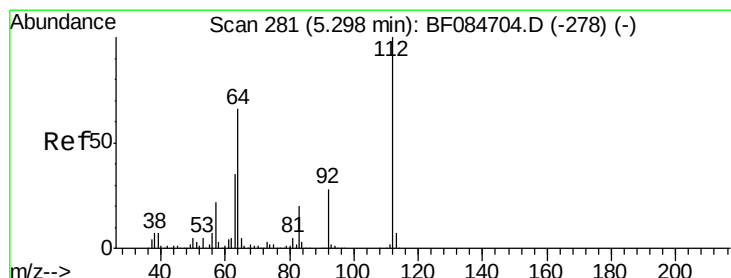
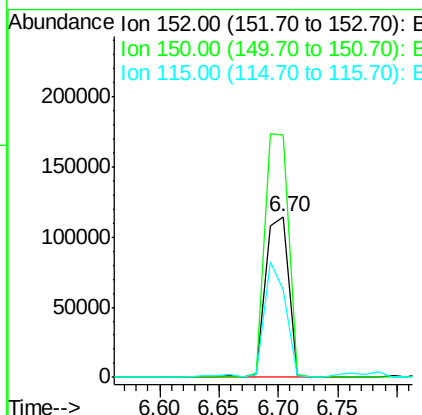
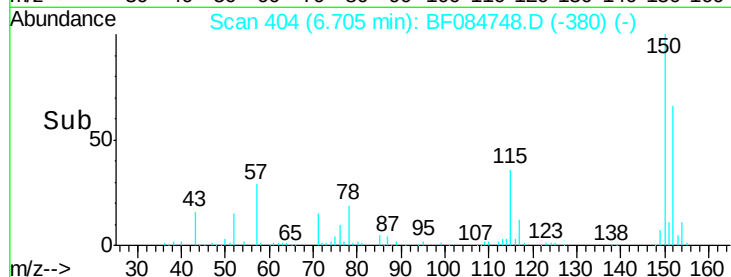
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

Instrument :
 BNA_F
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 BLFS-SOIL01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.0	184.4
115	54.4	51.4	77.2



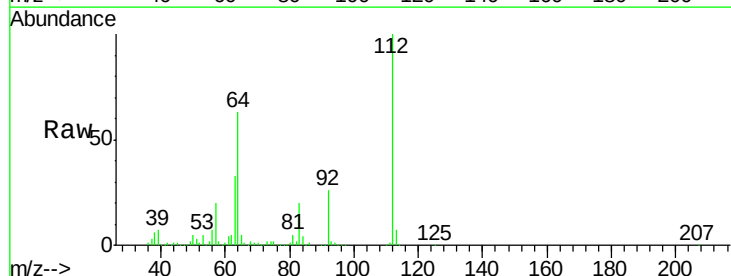
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



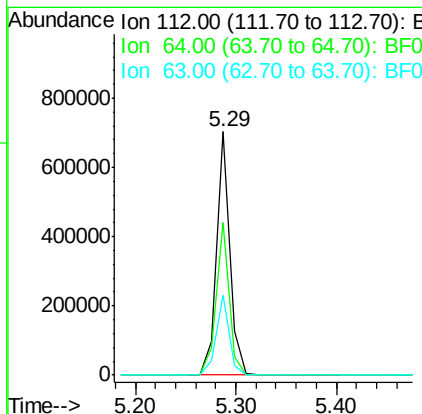
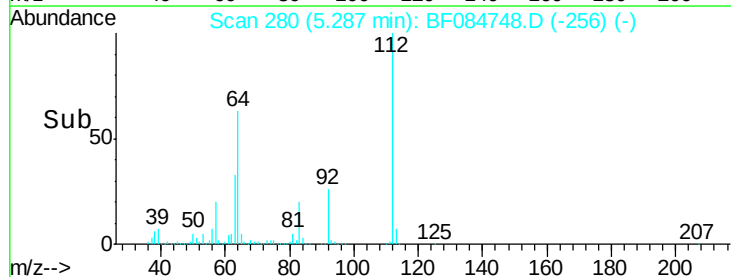
#5

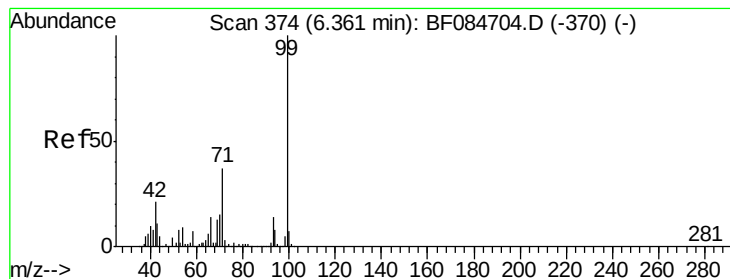
2-Fluorophenol
 Concen: 63.87 ng
 RT: 5.29 min Scan# 280
 Delta R.T. -0.02 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	36.6	55.0#
63	32.7	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





#7

Phenol-d6

Concen: 66.66 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

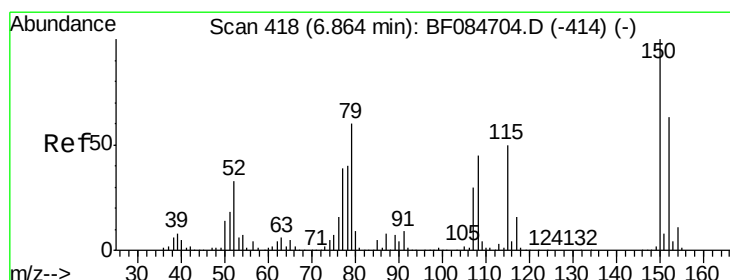
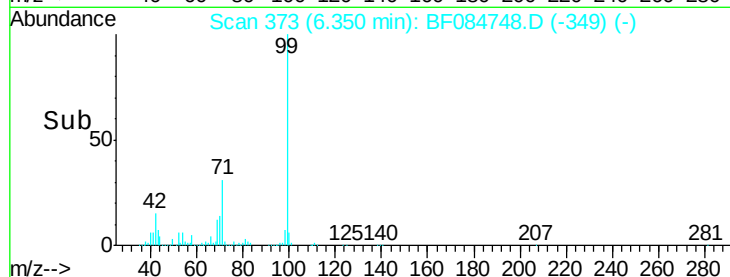
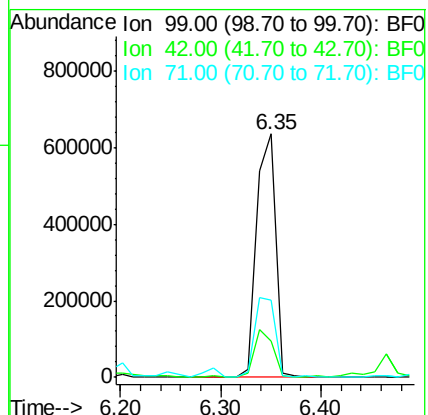
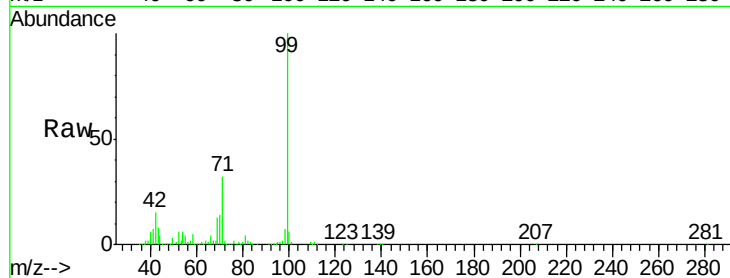
Tgt Ion: 99 Resp: 833682

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

71 31.7 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

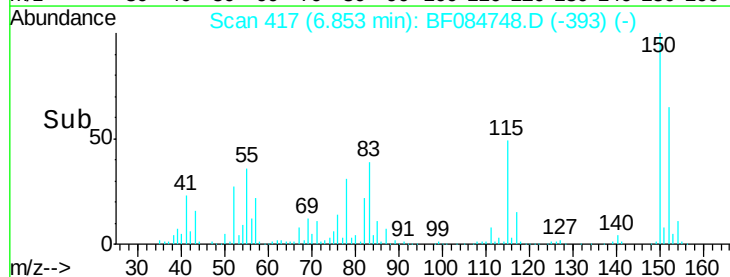
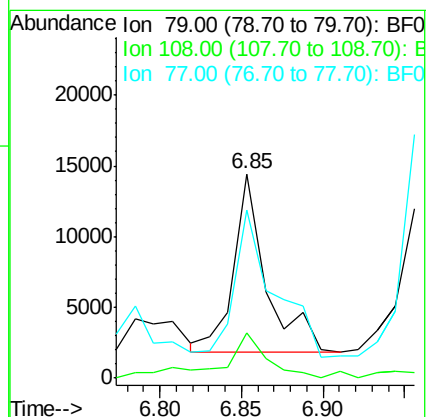
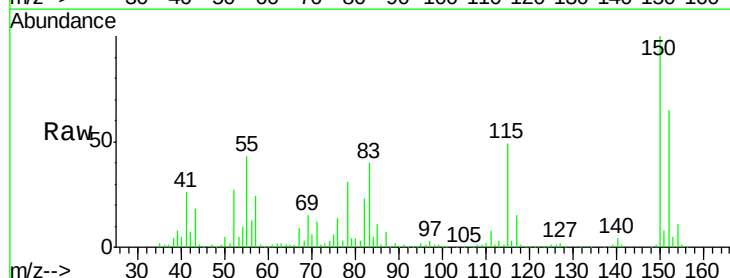
Tgt Ion: 79 Resp: 17536

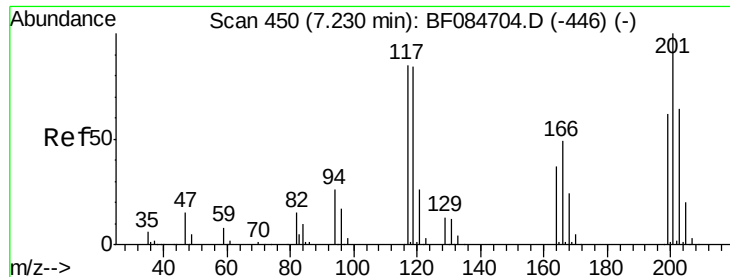
Ion Ratio Lower Upper

79 100

108 21.9 69.0 103.4#

77 82.6 50.0 75.0#





#18

Hexachloroethane

Concen: 6.91 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.07 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

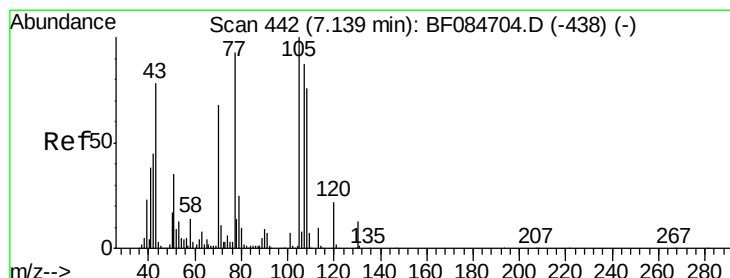
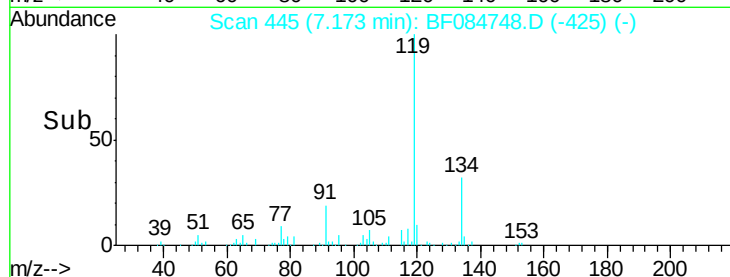
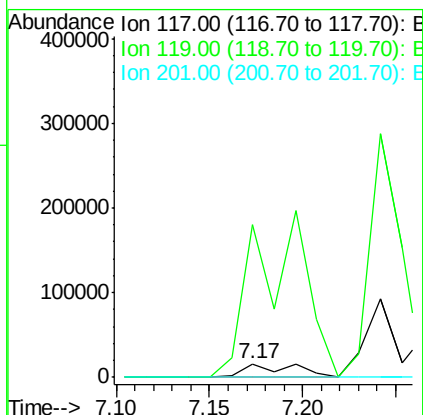
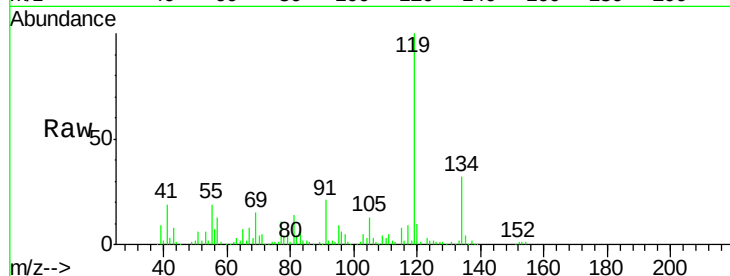
Tgt Ion:117 Resp: 32077

Ion Ratio Lower Upper

117 100

119 1121.1 77.4 116.0#

201 0.0 68.6 103.0#



#19

n-Nitroso-di-n-propylamine

Concen: 2.37 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Tgt Ion: 70 Resp: 18618

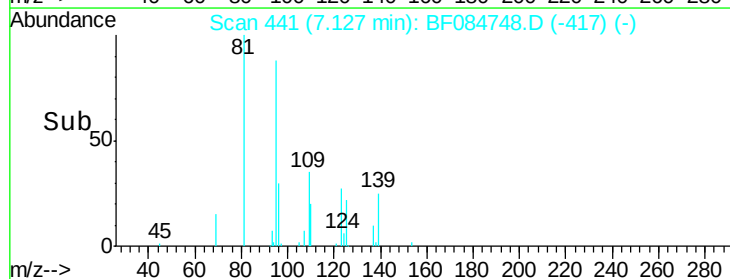
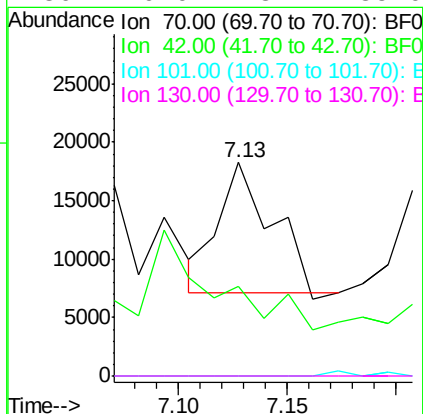
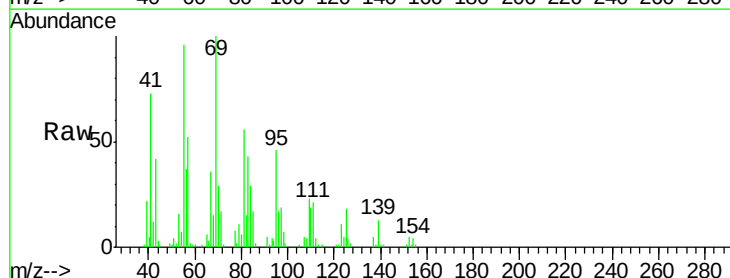
Ion Ratio Lower Upper

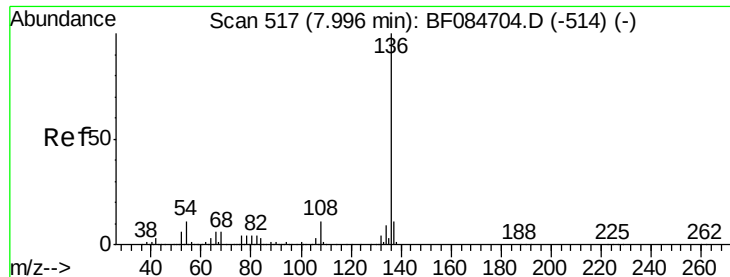
70 100

42 42.1 33.3 49.9

101 0.0 9.3 13.9#

130 0.0 23.4 35.0#

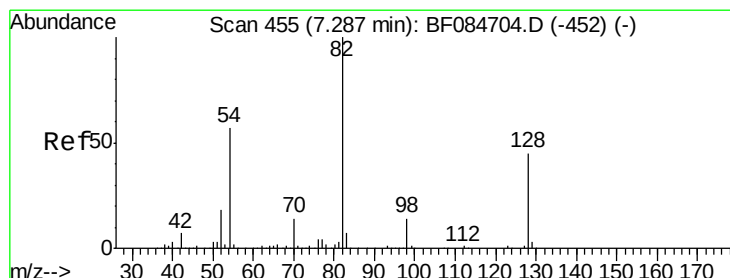
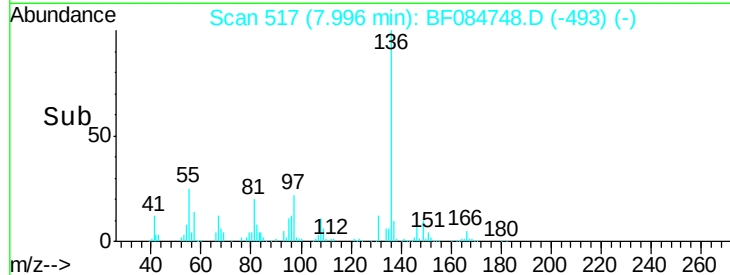
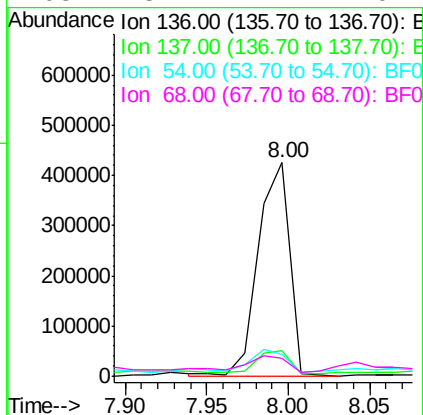
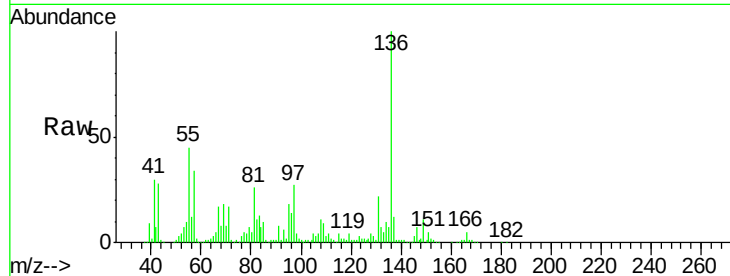




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

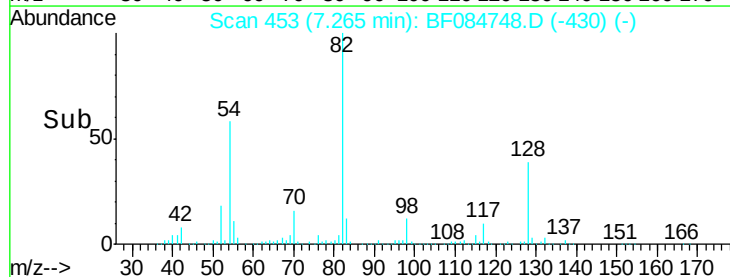
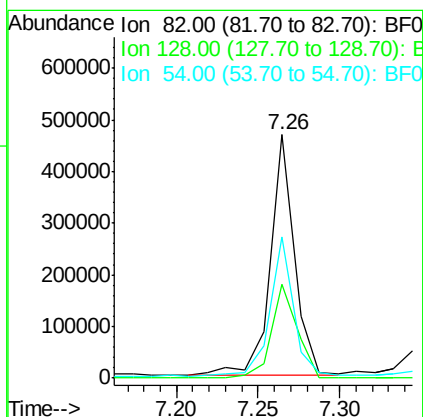
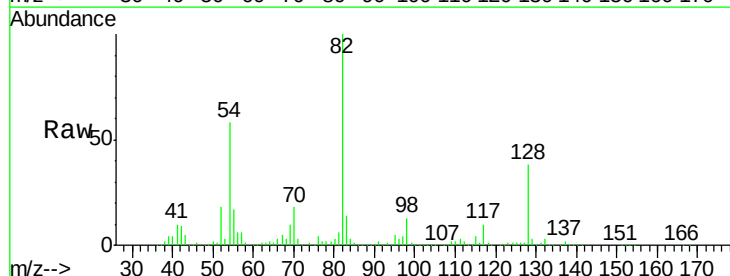
Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL01DL

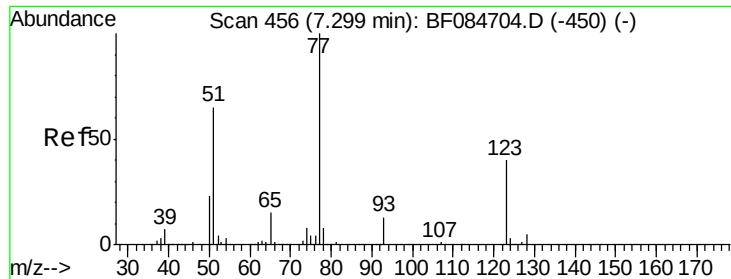
Tgt Ion:	136	Resp:	560927
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.7	13.1
54	10.0	5.8	8.8#
68	8.2	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 48.62 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

Tgt Ion:	82	Resp:	484088
Ion Ratio	Lower	Upper	
82	100		
128	38.4	34.6	51.8
54	58.1	38.4	57.6#

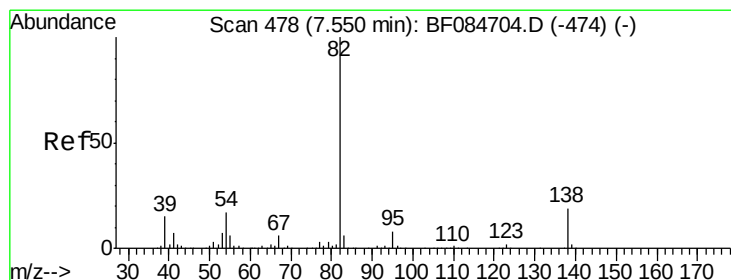
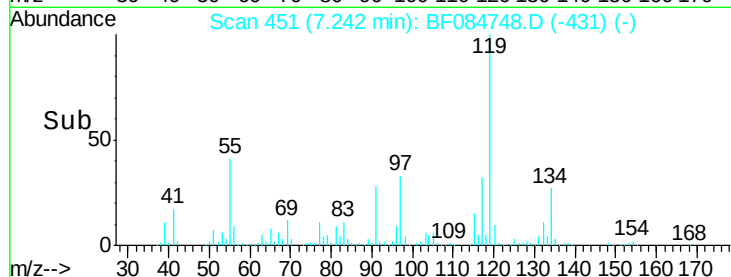
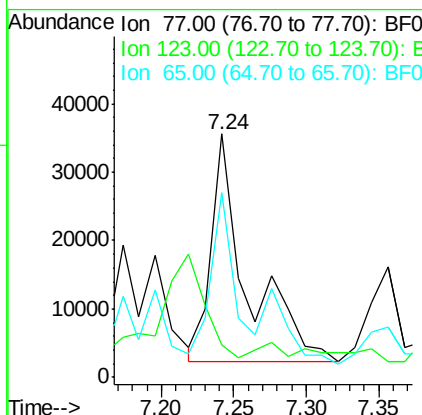
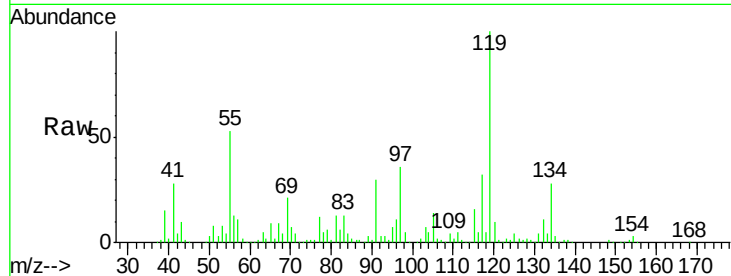




#24
 Nitrobenzene
 Concen: 5.31 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.07 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

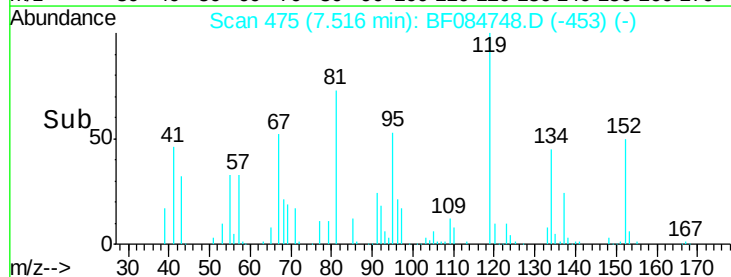
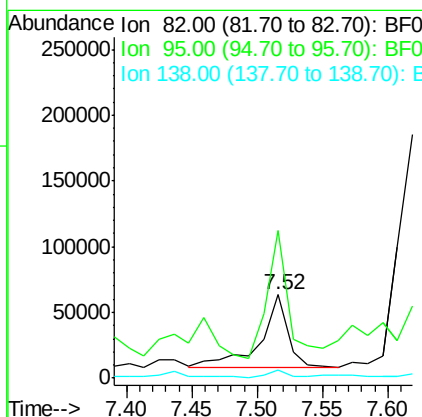
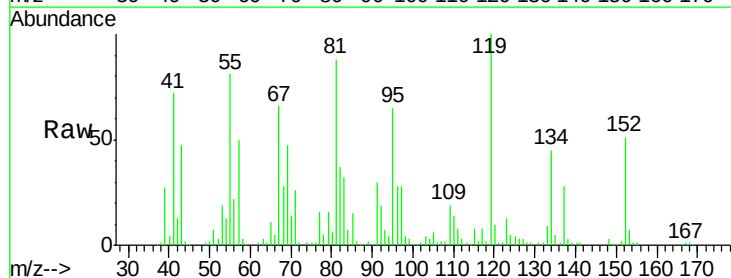
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL01DL

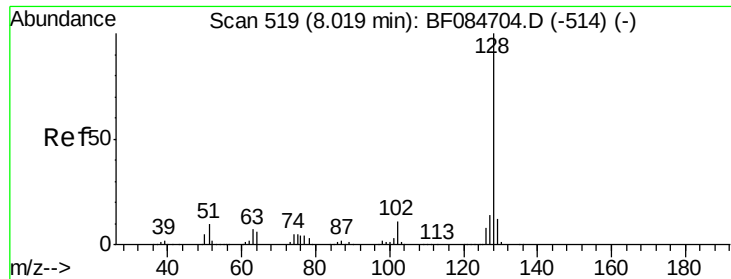
Tgt Ion	Ratio	Lower	Upper
77	100		
123	13.5	37.4	56.2#
65	75.9	10.9	16.3#



#25
 Isophorone
 Concen: 4.15 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.05 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
82	100		
95	176.1	6.6	10.0#
138	9.3	13.6	20.4#

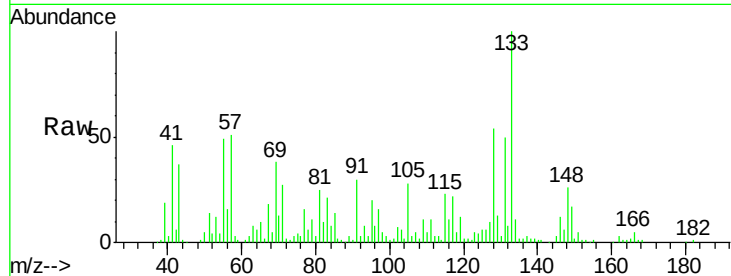




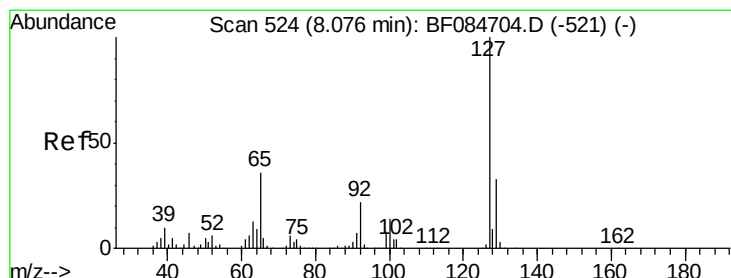
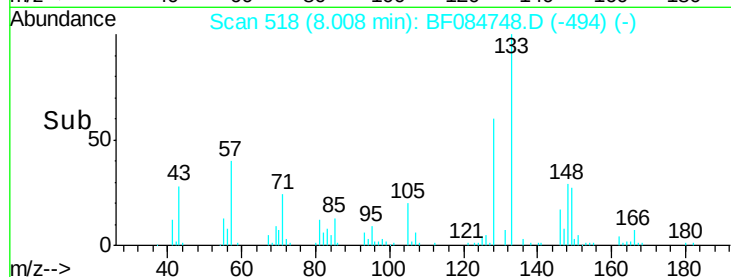
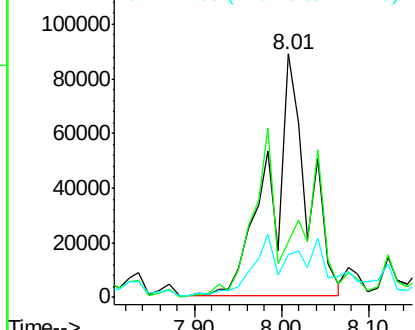
#31
Naphthalene
Concen: 9.29 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL01DL

Tgt Ion:128 Resp: 261294
Ion Ratio Lower Upper
128 100
129 23.0 9.1 13.7#
127 17.5 11.1 16.7#

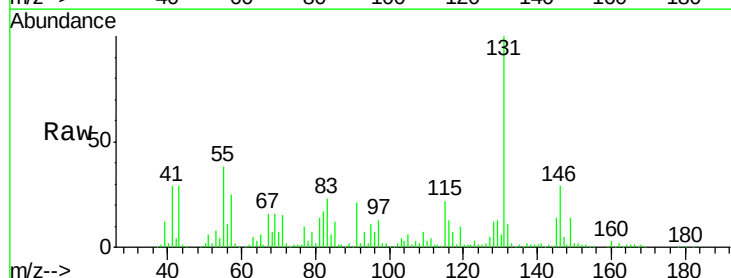


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

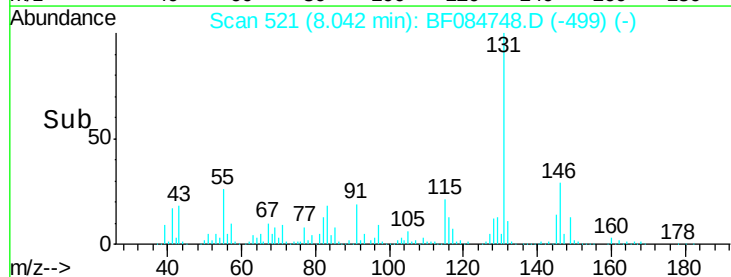
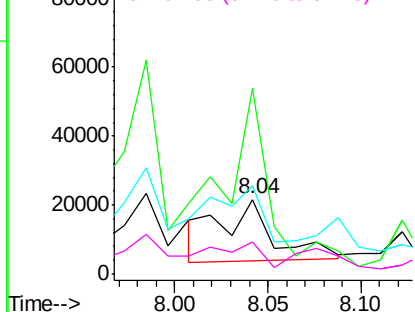


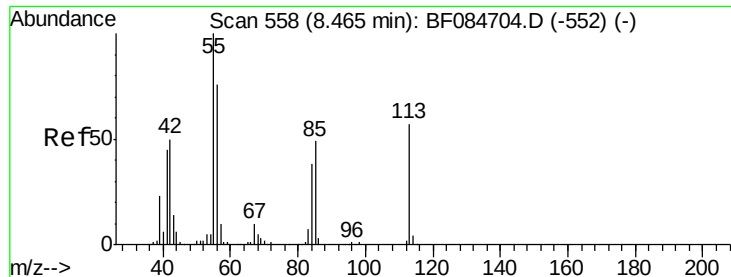
#33
4-Chloroaniline
Concen: 3.07 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

Tgt Ion:127 Resp: 35754
Ion Ratio Lower Upper
127 100
129 249.0 26.5 39.7#
65 118.7 27.2 40.8#
92 42.1 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: 54.10 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.03 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

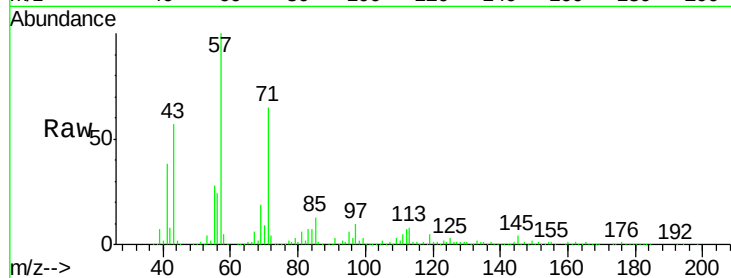
Tgt Ion:113 Resp: 130509

Ion Ratio Lower Upper

113 100

55 372.2 116.9 156.9#

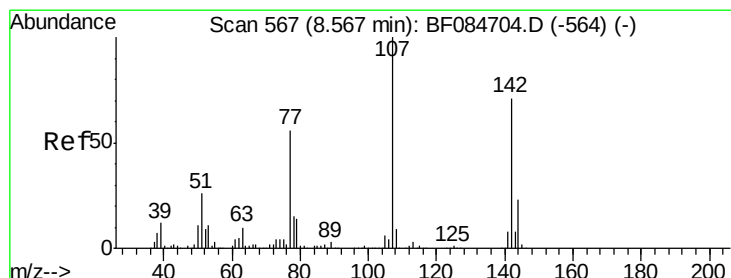
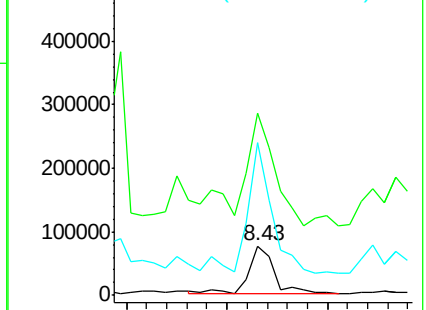
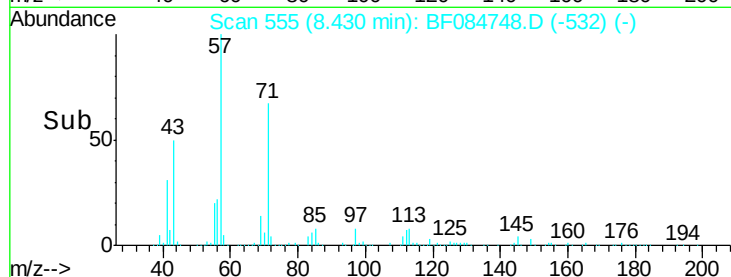
56 310.6 93.8 133.8#



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: 3.01 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.06 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

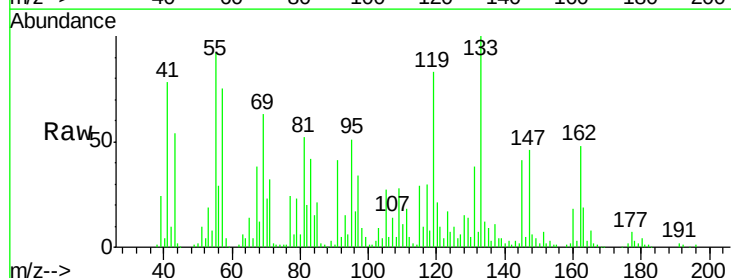
Tgt Ion:107 Resp: 26910

Ion Ratio Lower Upper

107 100

144 14.9 19.7 29.5#

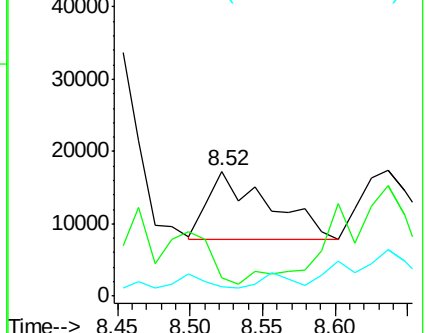
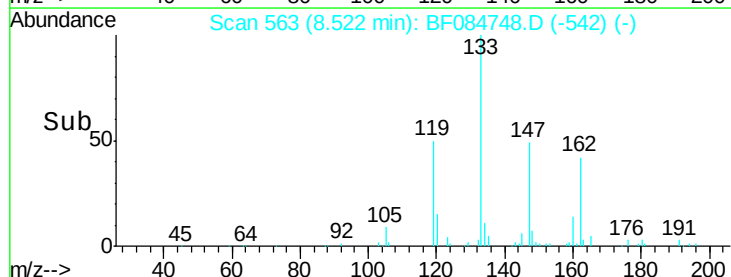
142 7.3 61.8 92.6#

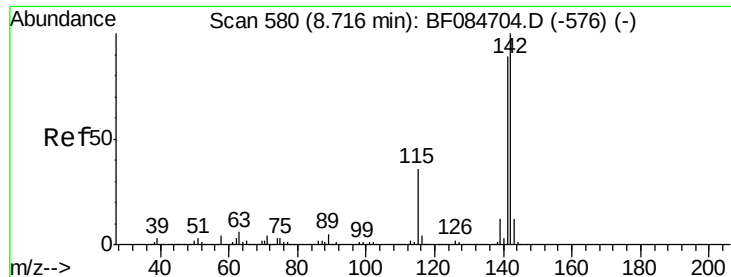


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

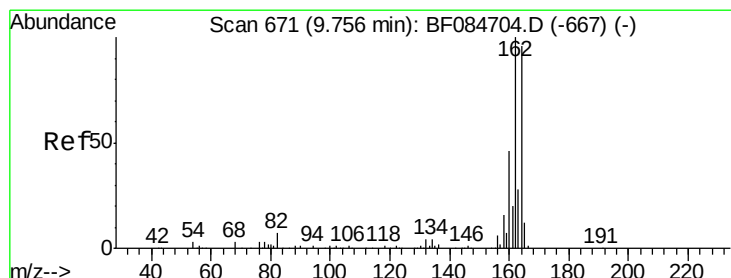
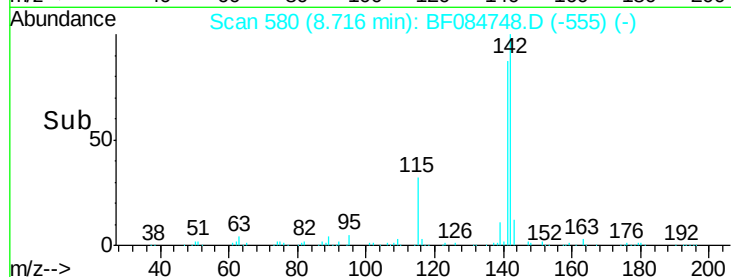
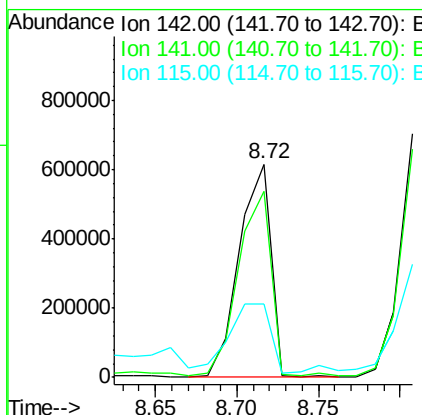
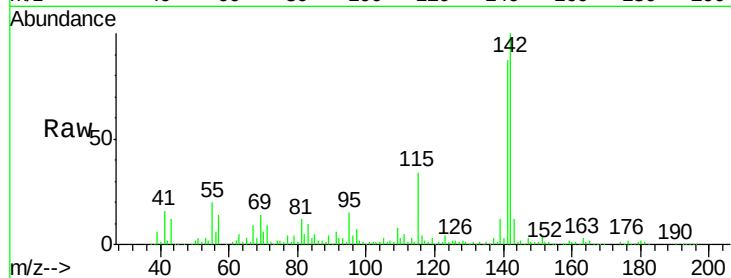




#37
2-Methylnaphthalene
Concen: 46.98 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

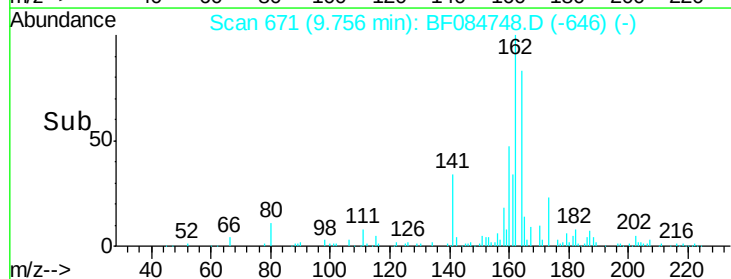
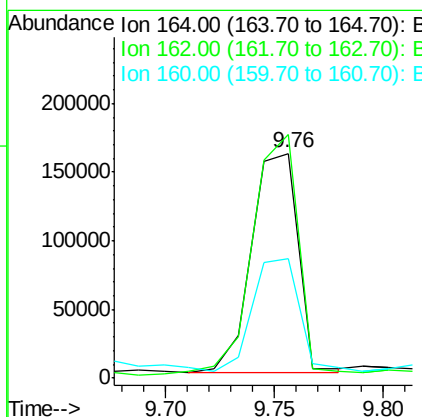
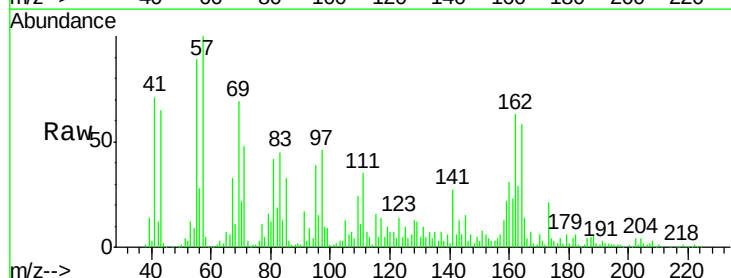
Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL01DL

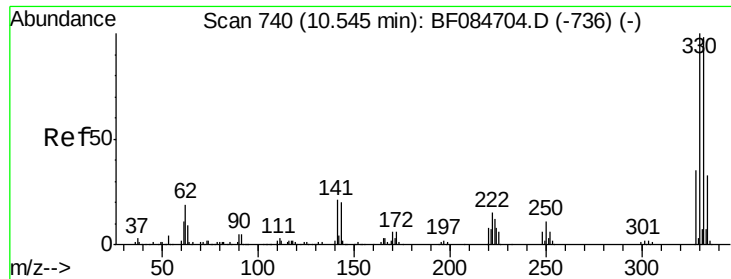
Tgt Ion:142 Resp: 827361
Ion Ratio Lower Upper
142 100
141 87.3 72.4 108.6
115 34.4 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

Tgt Ion:164 Resp: 240090
Ion Ratio Lower Upper
164 100
162 108.5 85.1 127.7
160 53.0 37.5 56.3

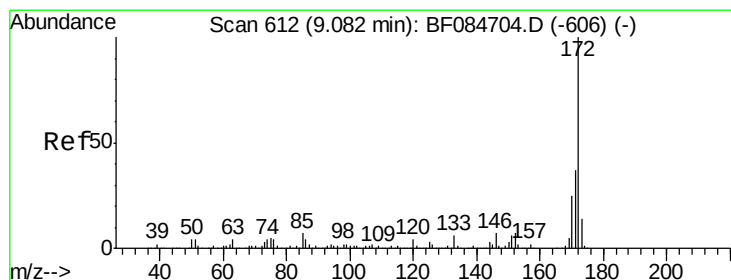
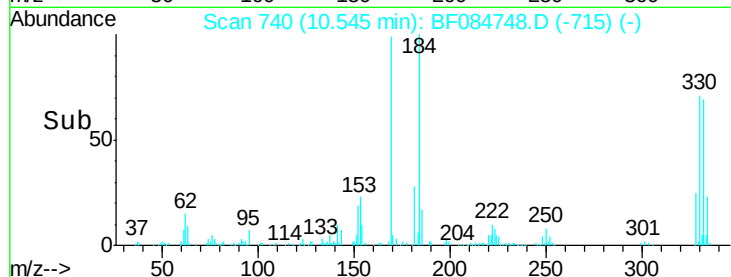
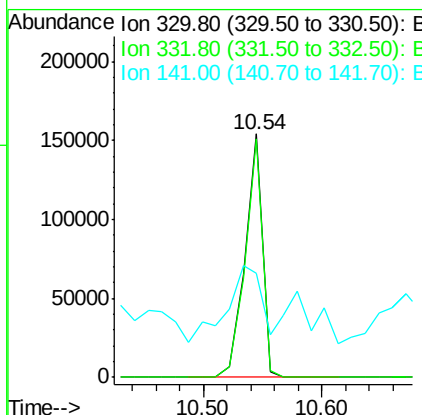
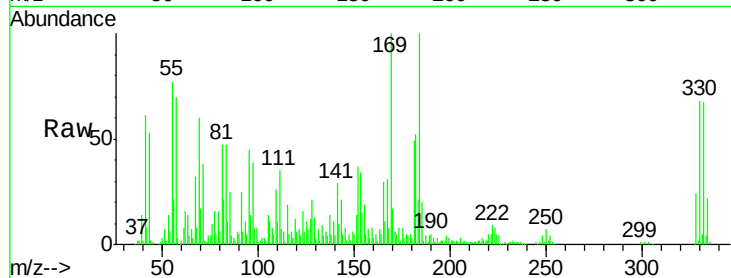




#41
 2,4,6-Tribromophenol
 Concen: 63.39 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

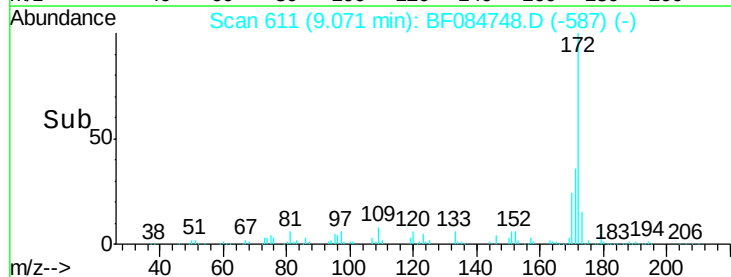
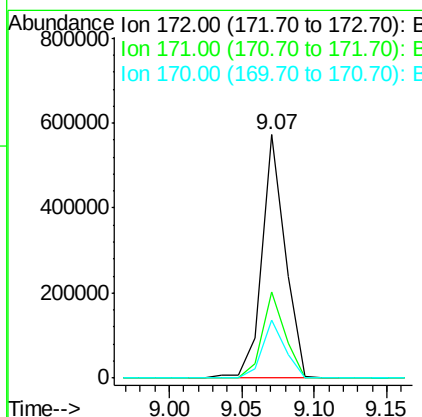
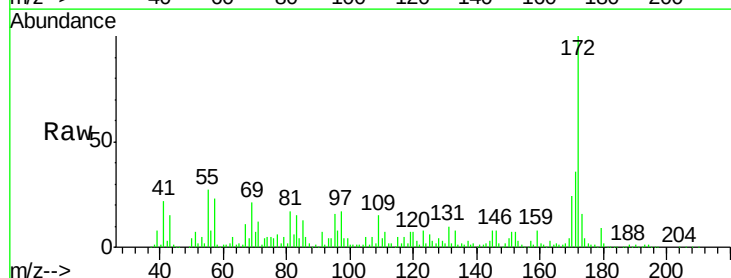
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL01DL

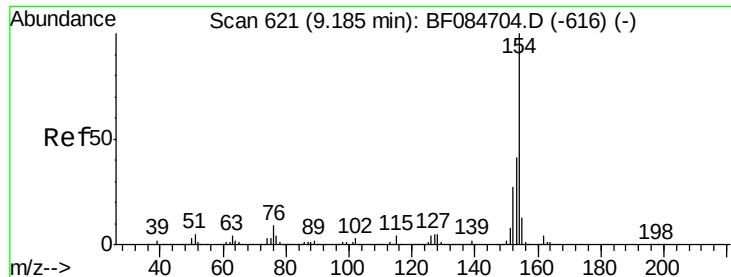
Tgt Ion:330 Resp: 158738
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 68.1 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 36.96 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

Tgt Ion:172 Resp: 634073
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.0 18.6 27.8

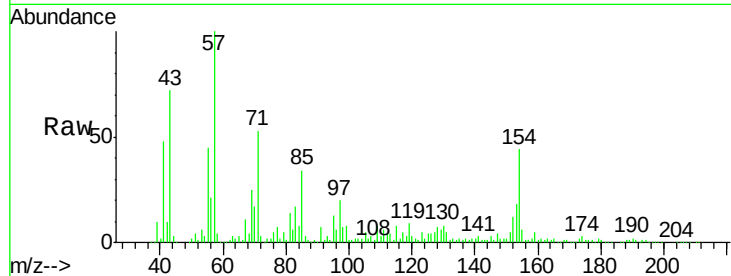




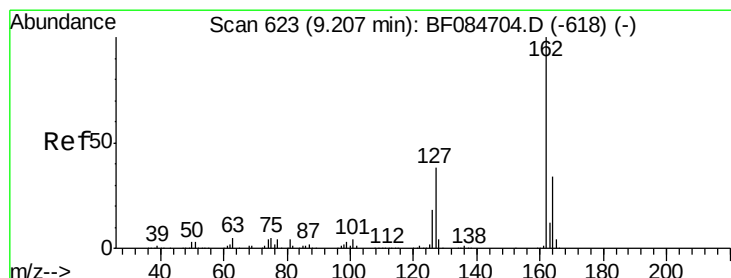
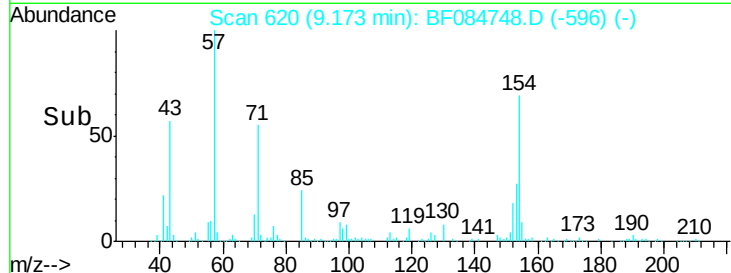
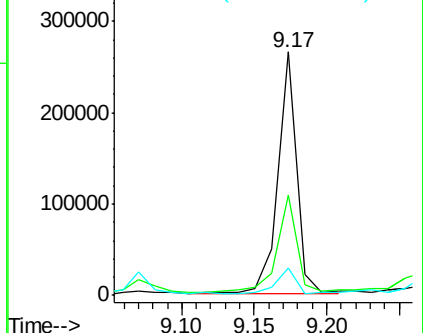
#45
 1,1'-Biphenyl
 Concen: 11.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL01DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.6	61.6
76	11.1	0.0	32.7

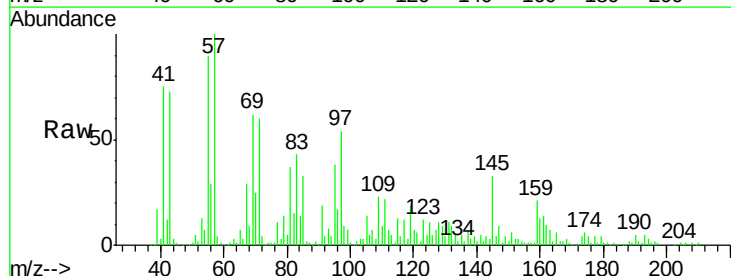


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

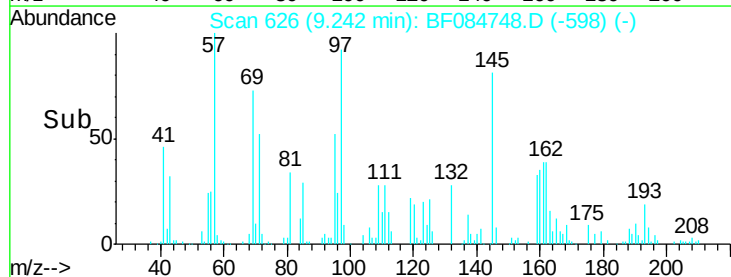
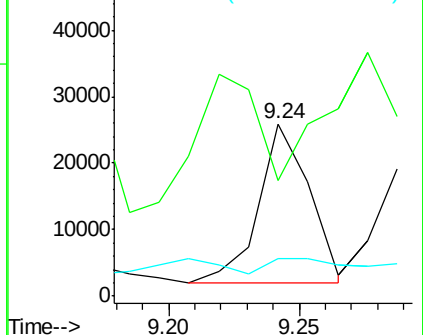


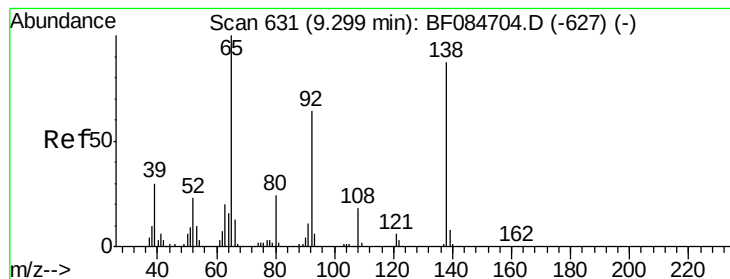
#46
 2-Chloronaphthalene
 Concen: 2.08 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.02 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	67.0	40.2	60.4#
164	21.5	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: 4.91 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

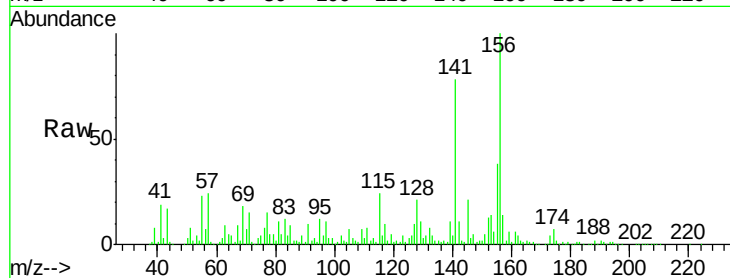
Tgt Ion: 65 Resp: 24557

Ion Ratio Lower Upper

65 100

92 47.1 53.4 80.2#

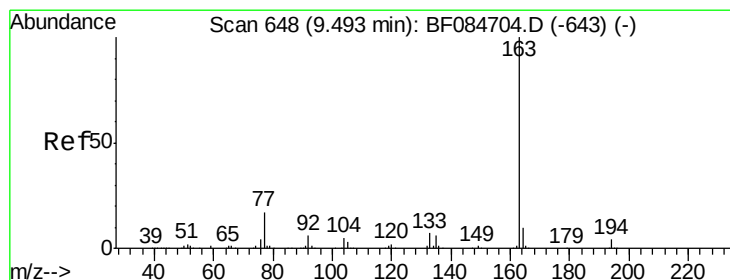
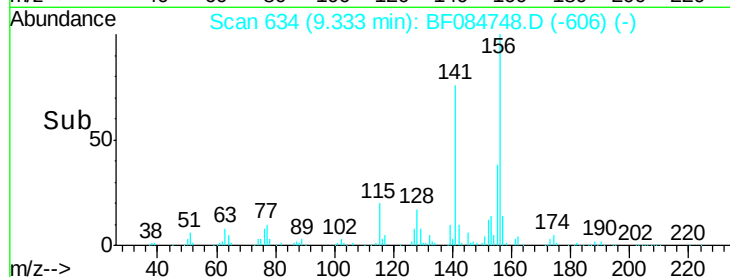
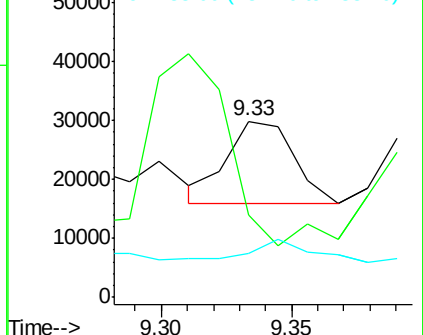
138 25.2 71.1 106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#49

Dimethylphthalate

Concen: 9.04 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

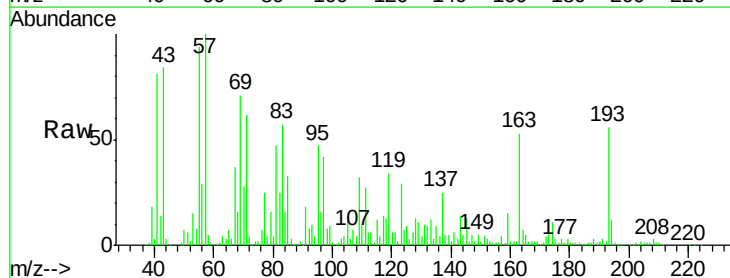
Tgt Ion: 163 Resp: 165373

Ion Ratio Lower Upper

163 100

194 22.3 8.0 12.0#

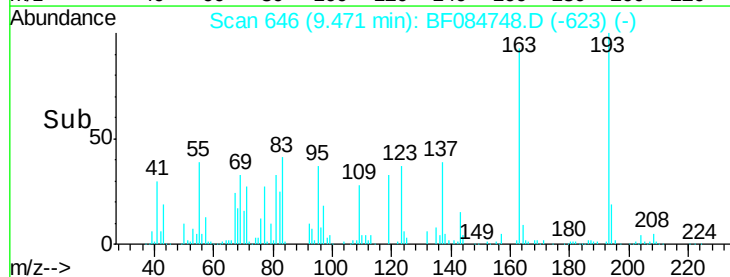
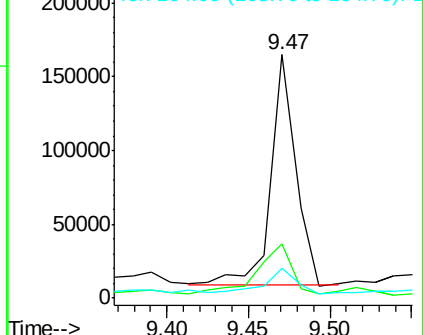
164 12.3 8.0 12.0#

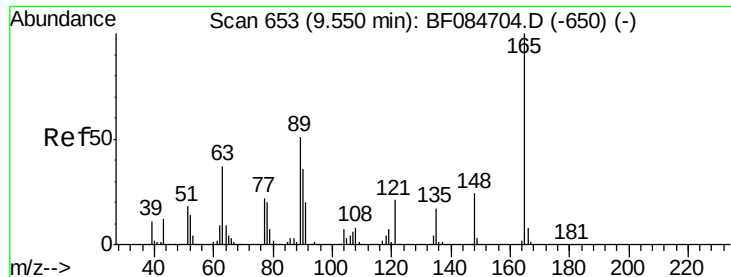


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 3.23 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

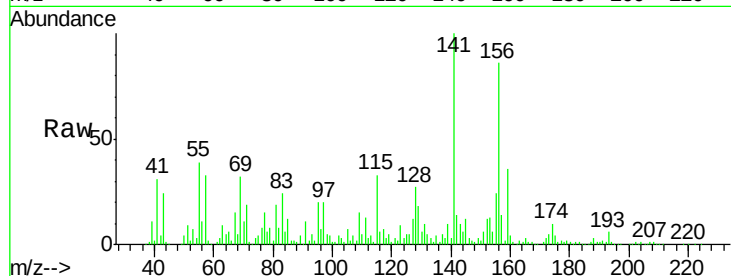
Tgt Ion:165 Resp: 12889

Ion Ratio Lower Upper

165 100

63 293.6 28.8 43.2#

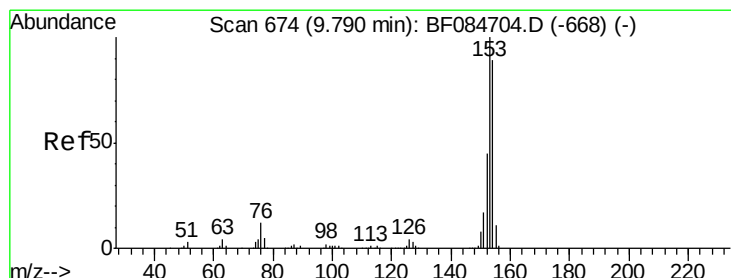
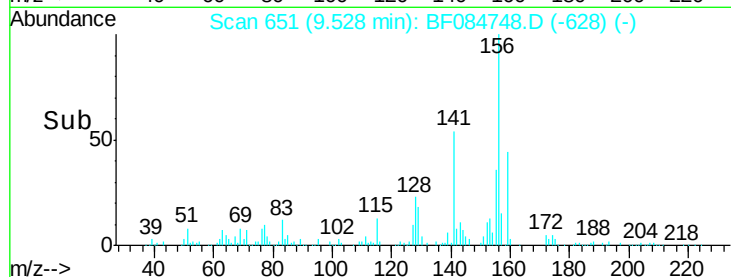
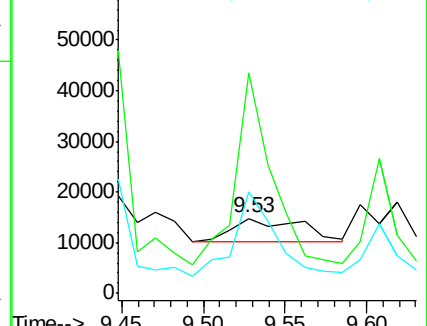
89 136.1 35.1 52.7#



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: 10.08 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

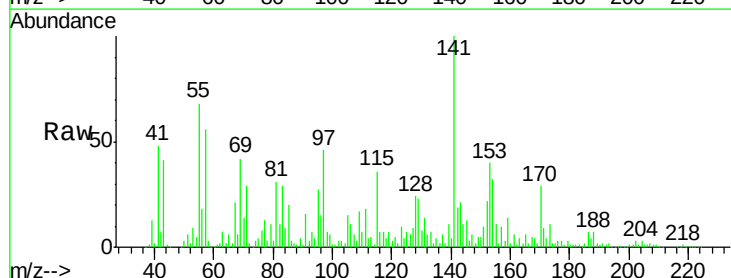
Tgt Ion:154 Resp: 157084

Ion Ratio Lower Upper

154 100

153 126.6 91.5 137.3

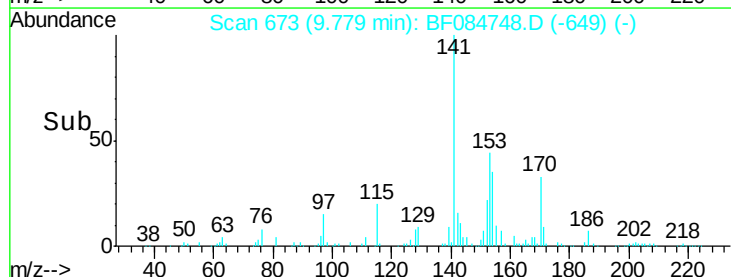
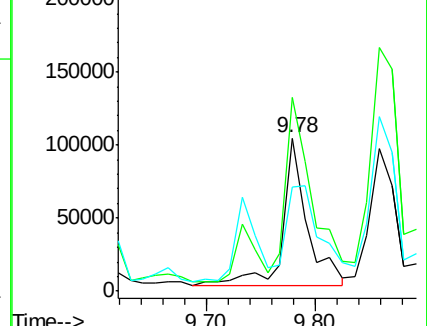
152 67.7 43.0 64.6#

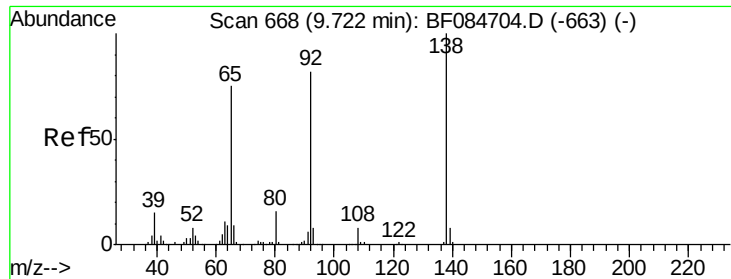


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

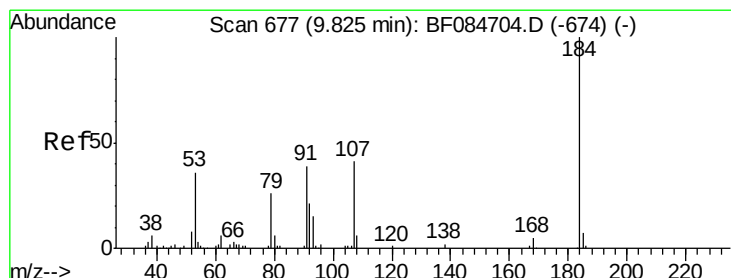
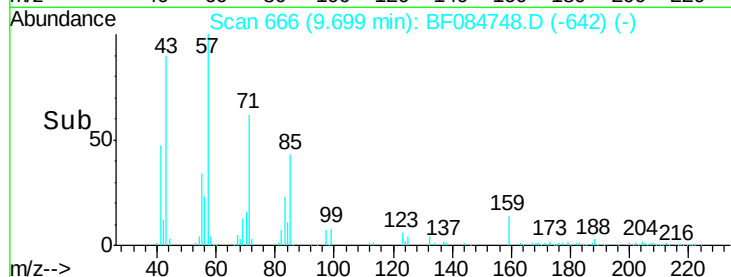
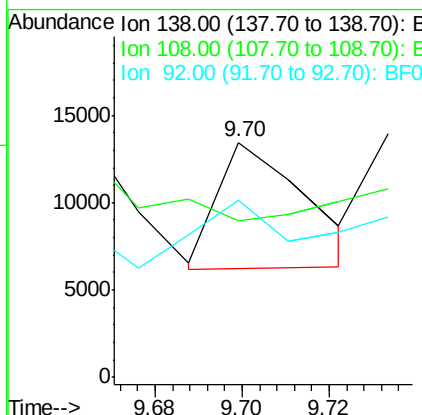
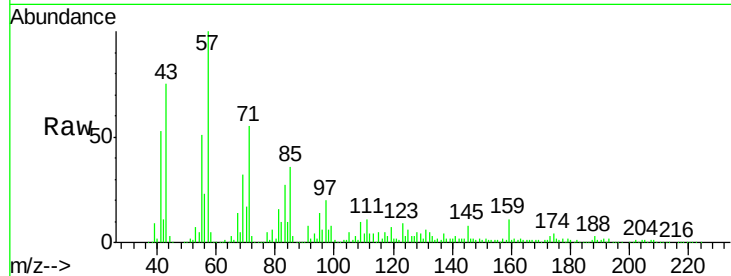




#52
3-Nitroaniline
Concen: 2.25 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

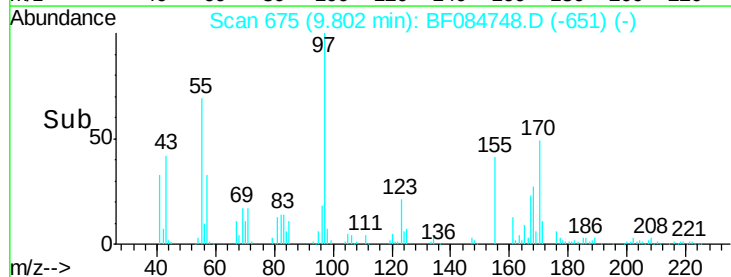
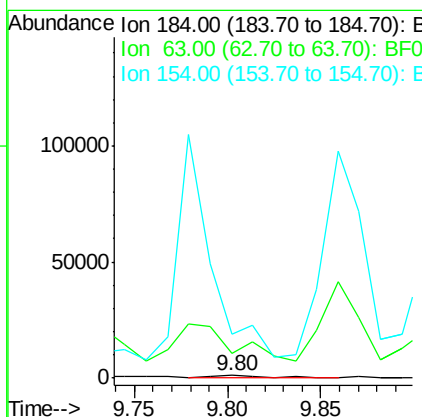
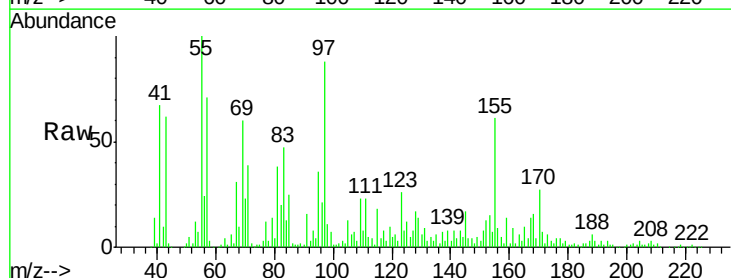
Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL01DL

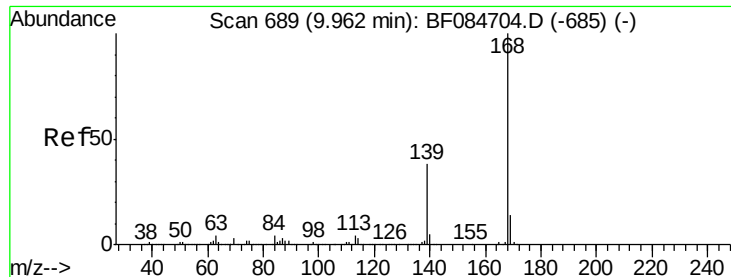
Tgt Ion:138 Resp: 10094
Ion Ratio Lower Upper
138 100
108 66.4 10.5 15.7#
92 75.3 103.9 155.9#



#53
2,4-Dinitrophenol
Concen: 7.22 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

Tgt Ion:184 Resp: 2829
Ion Ratio Lower Upper
184 100
63 981.5 43.1 64.7#
154 1794.0 60.5 90.7#

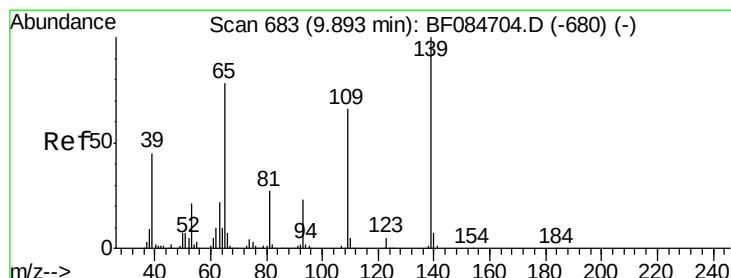
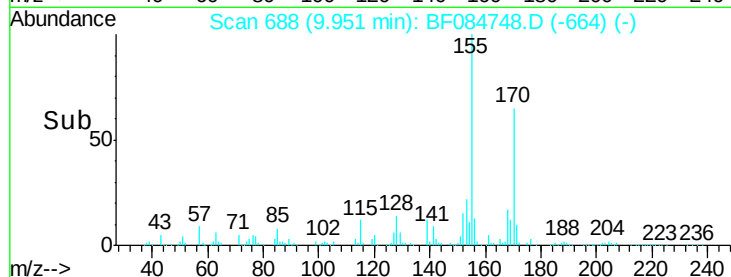
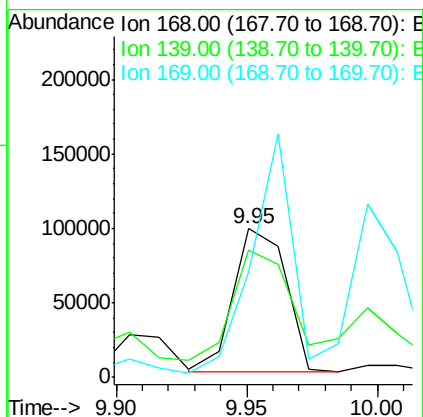
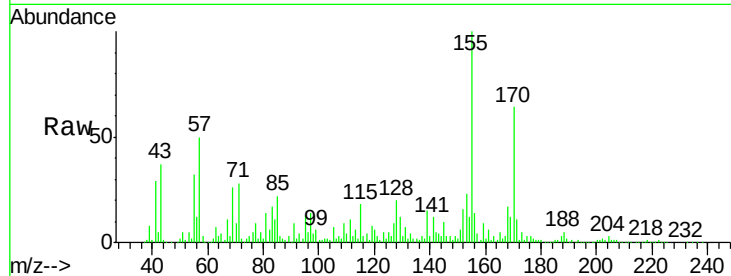




#54
Dibenzofuran
Concen: 7.03 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

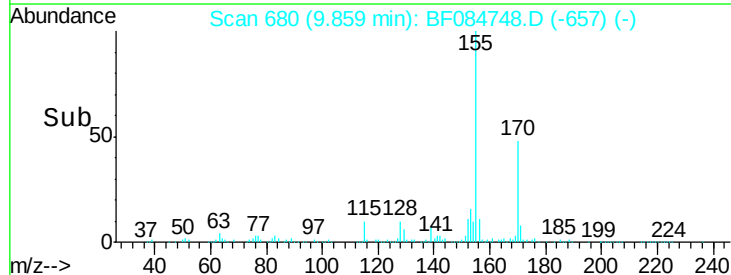
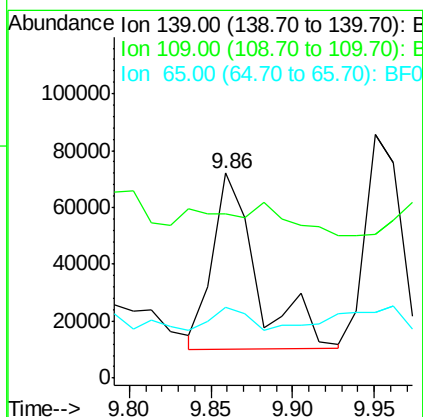
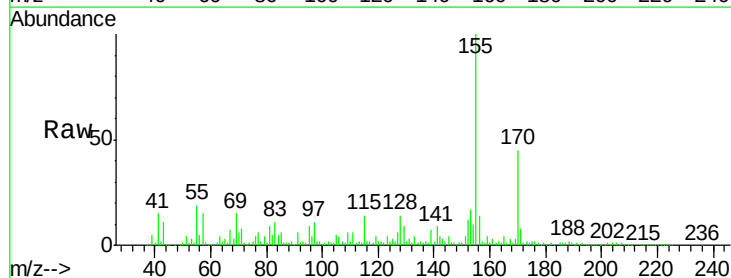
Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL01DL

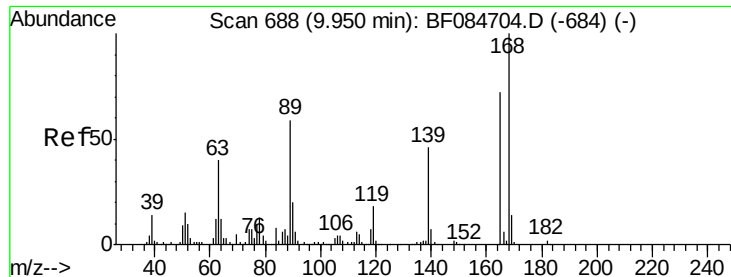
Tgt Ion:168 Resp: 134011
Ion Ratio Lower Upper
168 100
139 85.7 30.5 45.7#
169 70.6 10.4 15.6#



#55
4-Nitrophenol
Concen: 35.72 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF084748.D
Acq: 2 Feb 2016 11:17

Tgt Ion:139 Resp: 117833
Ion Ratio Lower Upper
139 100
109 80.5 58.5 98.5
65 34.3 57.6 97.6#





#56

2,4-Dinitrotoluene

Concen: 9.88 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

Tgt Ion:165 Resp: 50335

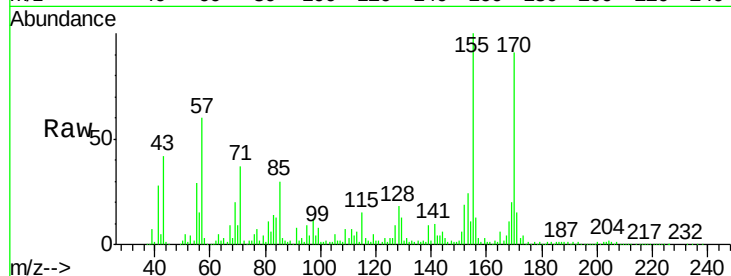
Ion Ratio Lower Upper

165 100

63 75.5 36.7 55.1#

89 37.7 61.9 92.9#

182 13.6 2.0 3.0#

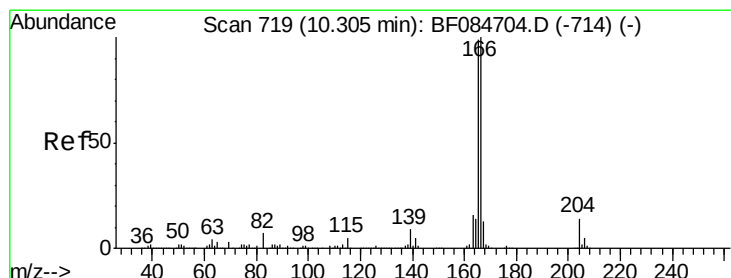
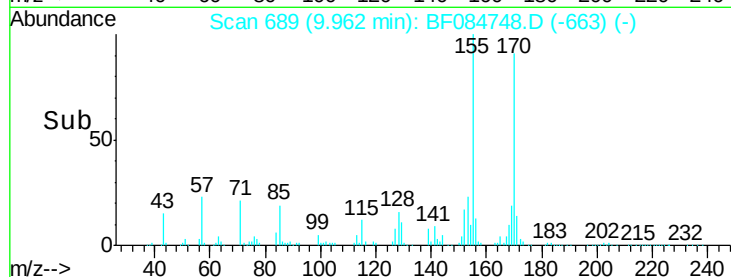
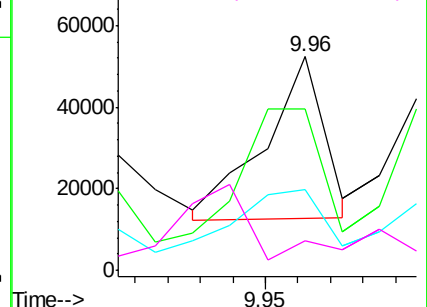


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 20.69 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

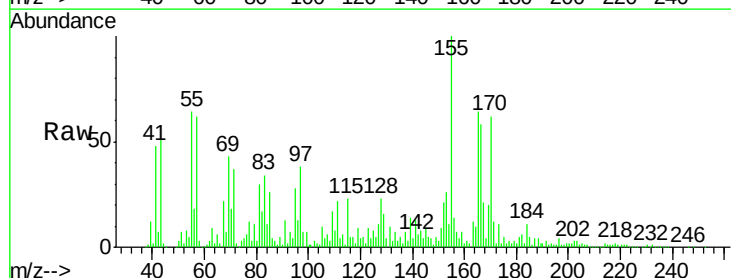
Tgt Ion:166 Resp: 329243

Ion Ratio Lower Upper

166 100

165 110.4 79.1 118.7

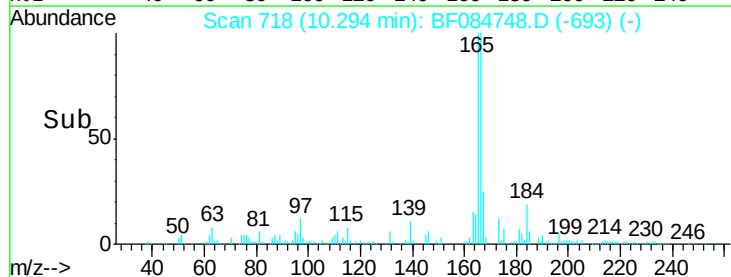
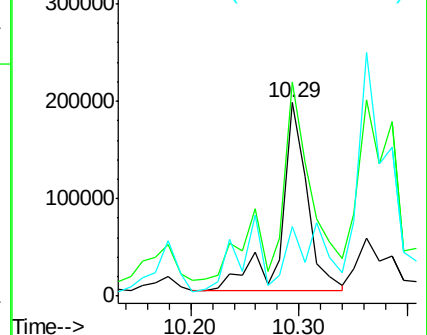
167 36.2 10.4 15.6#

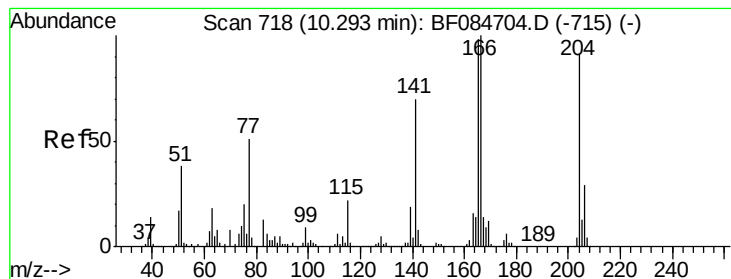


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

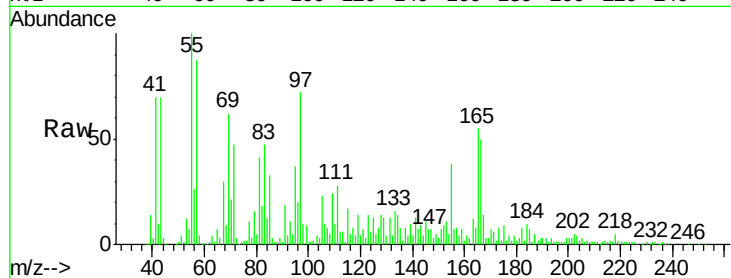
Tgt Ion:204 Resp: 3247

Ion Ratio Lower Upper

204 100

206 72.1 25.7 38.5#

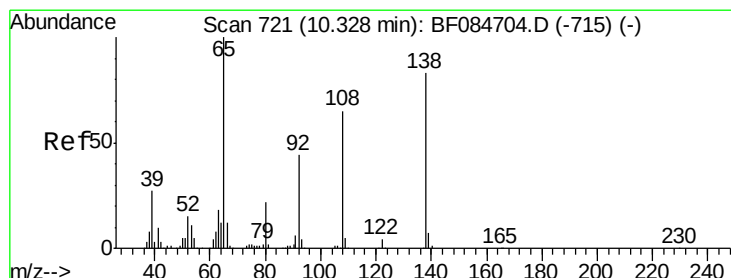
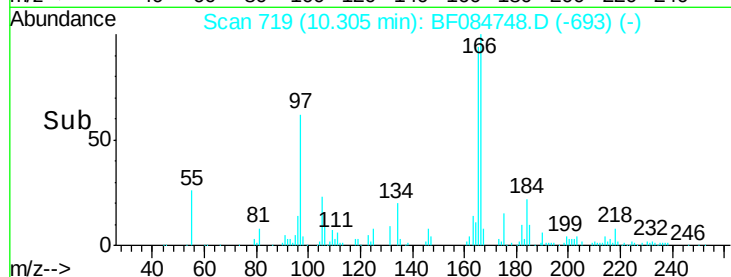
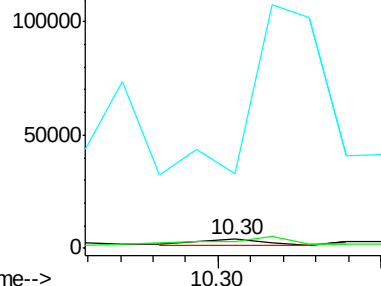
141 848.5 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 3.20 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.13 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

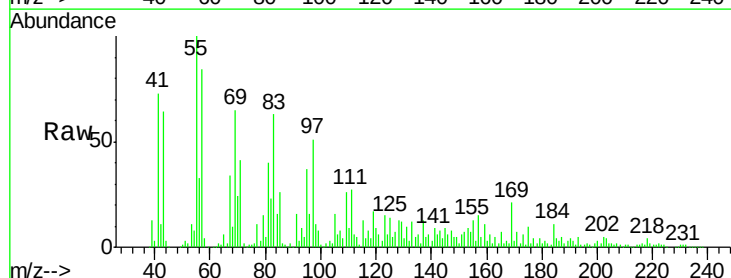
Tgt Ion:138 Resp: 14004

Ion Ratio Lower Upper

138 100

92 63.3 32.6 72.6

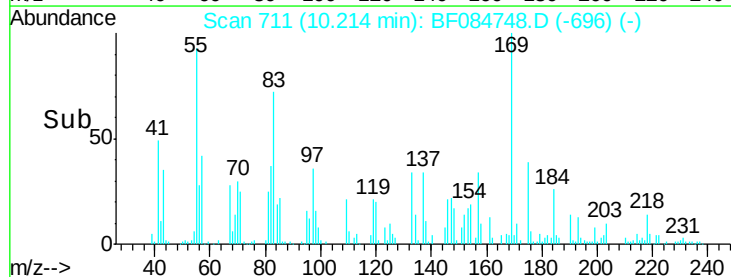
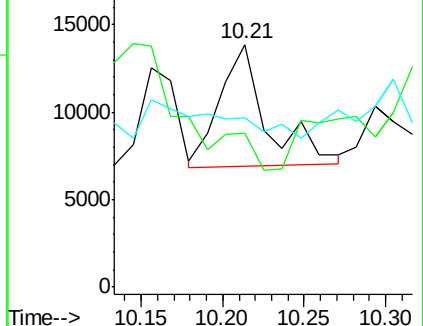
108 69.8 68.6 108.6

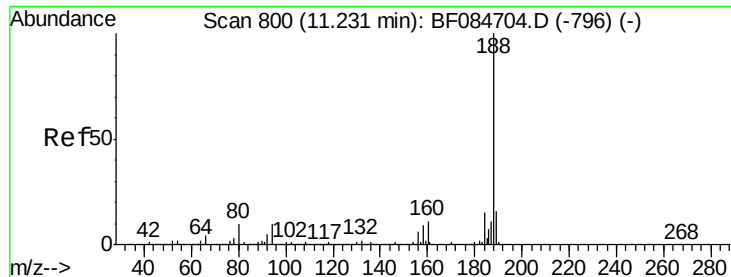


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

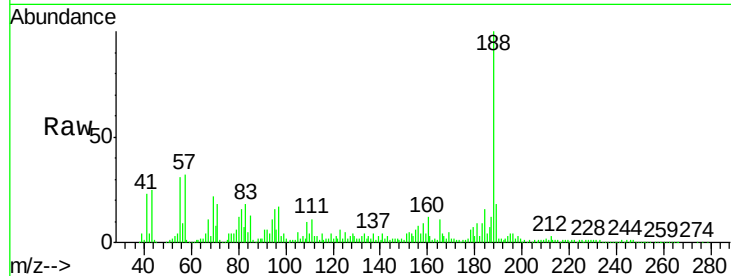
Tgt Ion:188 Resp: 460830

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.4

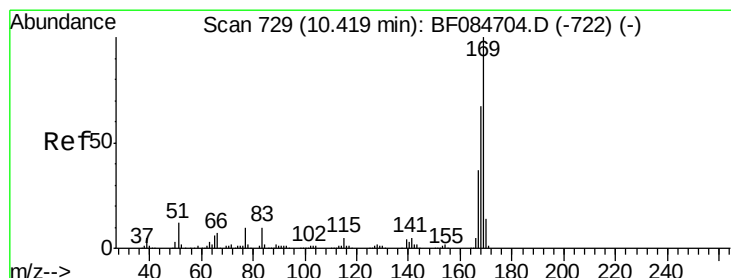
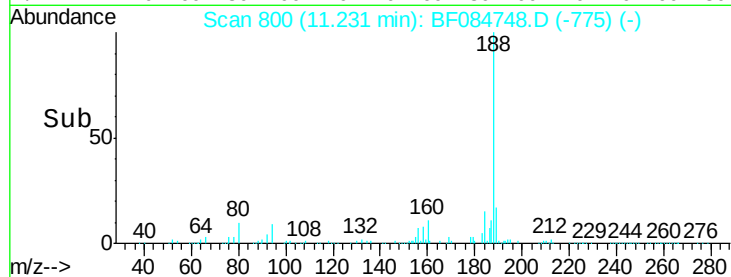
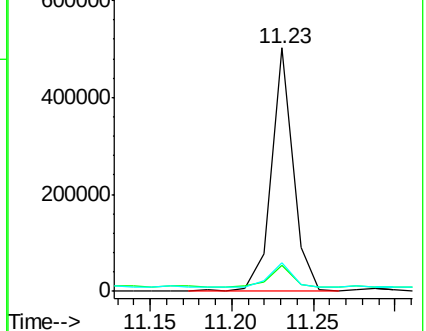
80 11.8 9.6 14.4



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



#65

n-Nitrosodiphenylamine

Concen: 43.61 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

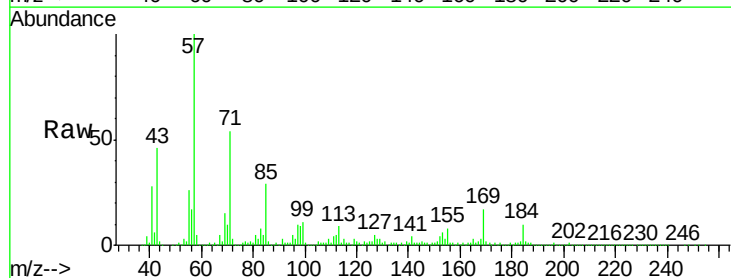
Tgt Ion:169 Resp: 638199

Ion Ratio Lower Upper

169 100

168 16.2 55.1 82.7#

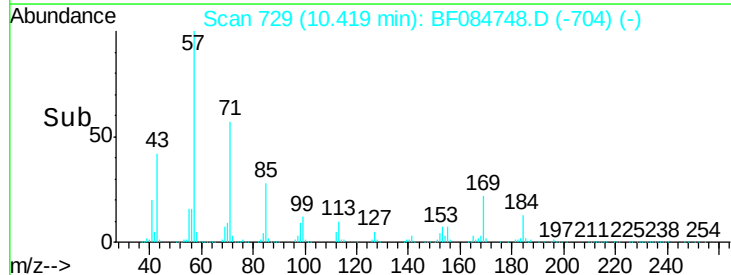
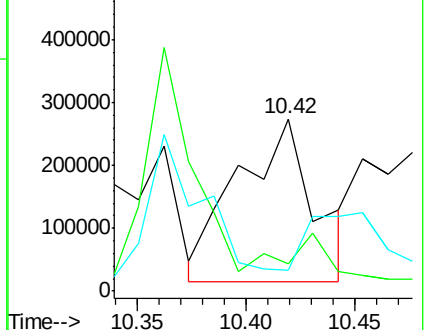
167 12.5 30.0 45.0#

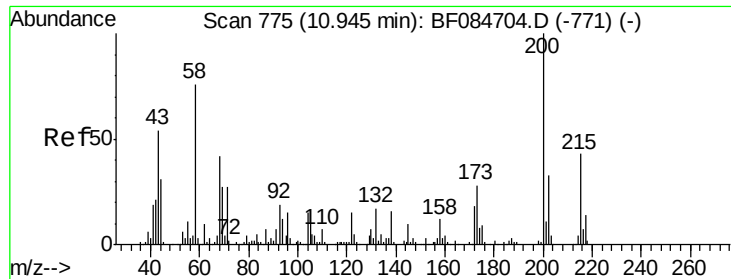


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

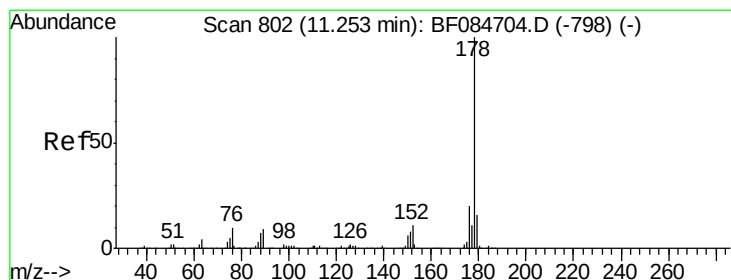
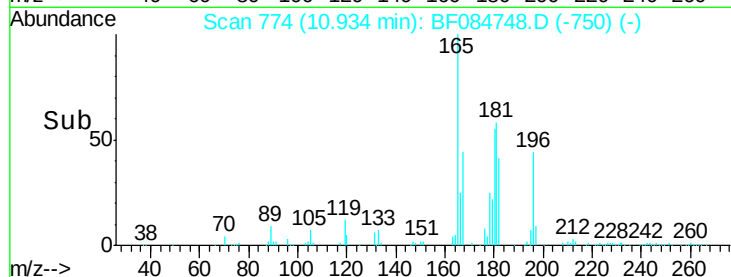
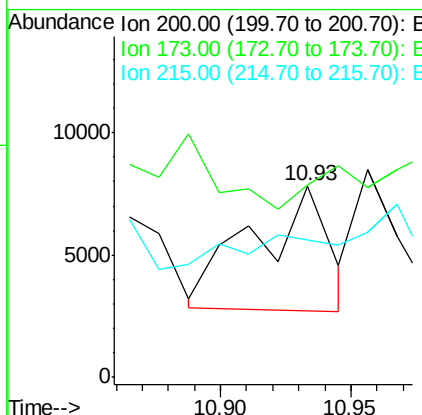
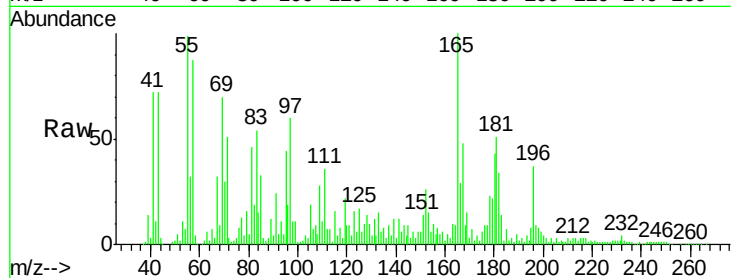




#68
 Atrazine
 Concen: 2.22 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

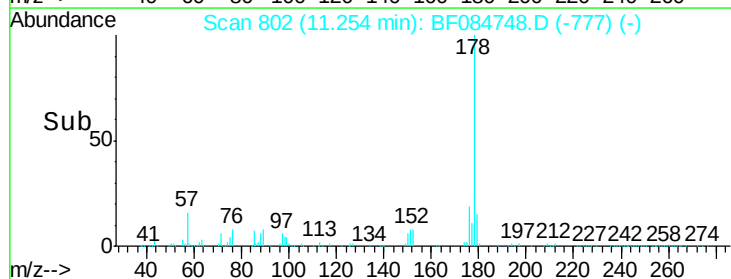
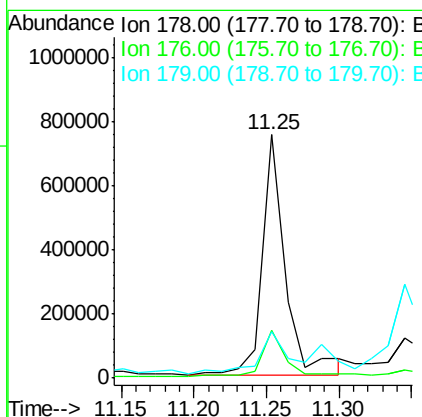
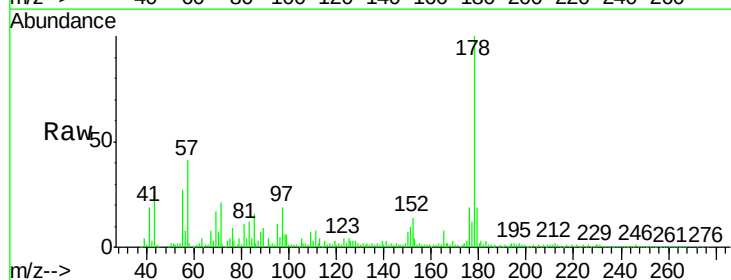
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL01DL

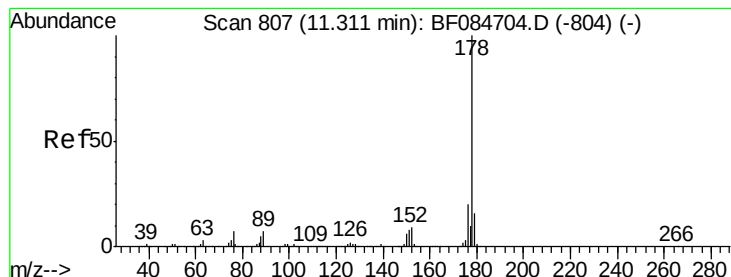
Tgt Ion:200 Resp: 10253
 Ion Ratio Lower Upper
 200 100
 173 100.3 9.5 49.5#
 215 71.6 23.8 63.8#



#70
 Phenanthrene
 Concen: 33.09 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084748.D
 Acq: 2 Feb 2016 11:17

Tgt Ion:178 Resp: 845733
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 19.0 12.0 18.0#





#71

Anthracene

Concen: 5.69 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

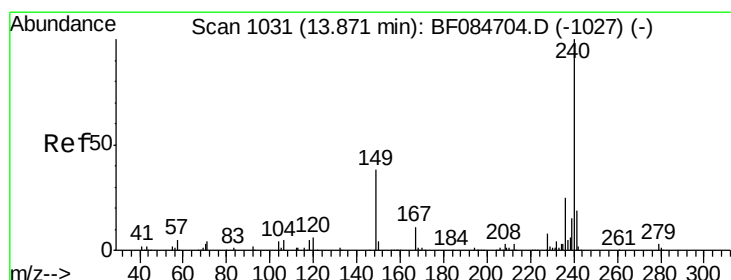
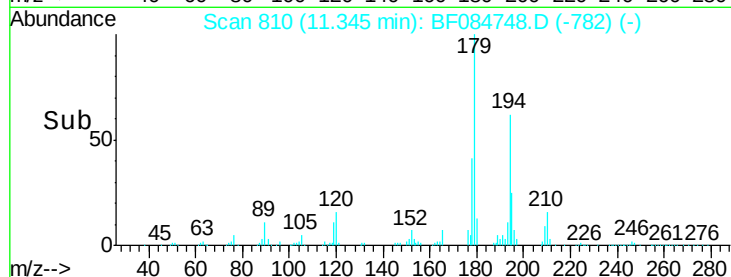
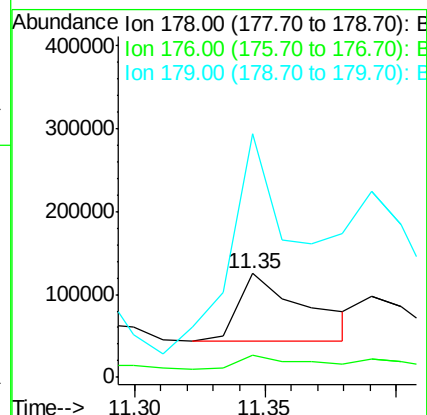
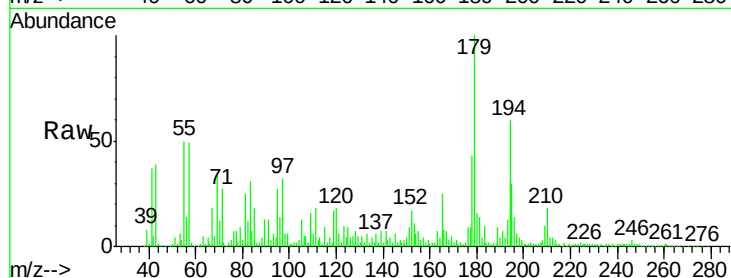
Tgt Ion:178 Resp: 146427

Ion Ratio Lower Upper

178 100

176 21.2 15.4 23.0

179 234.6 12.5 18.7#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

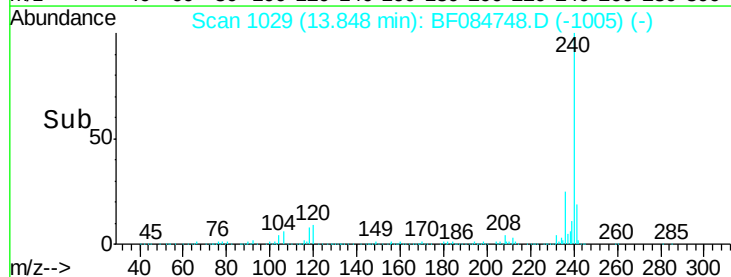
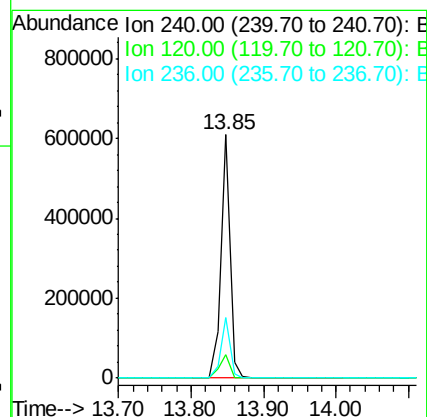
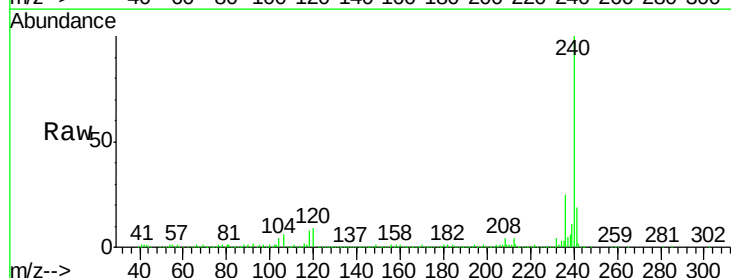
Tgt Ion:240 Resp: 535171

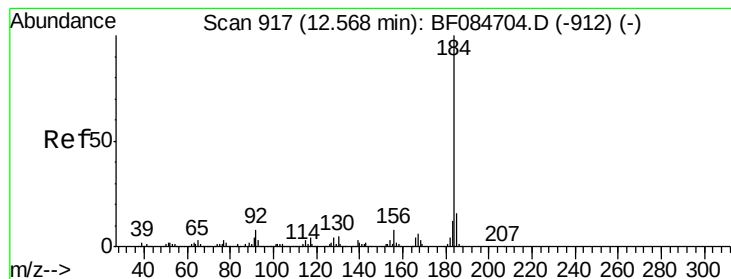
Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

236 24.9 20.6 31.0





#76

Benzidine

Concen: 7.31 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

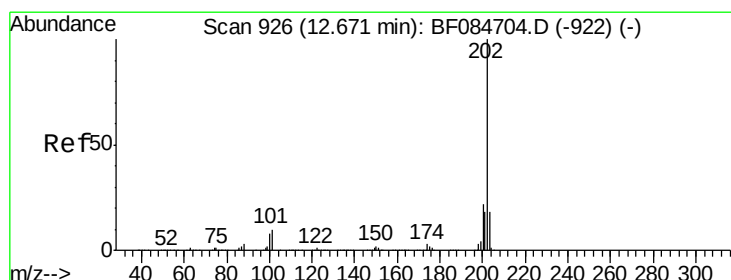
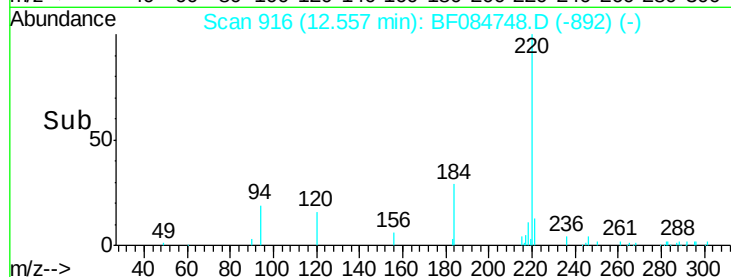
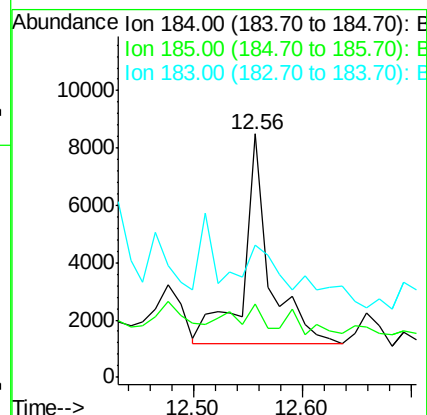
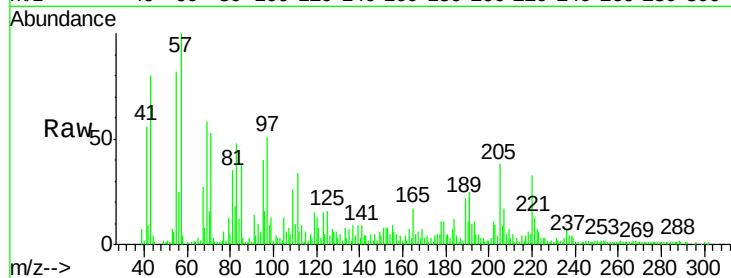
Tgt Ion:184 Resp: 11986

Ion Ratio Lower Upper

184 100

185 30.3 12.2 18.2#

183 54.4 9.8 14.8#



#77

Pyrene

Concen: 2.62 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

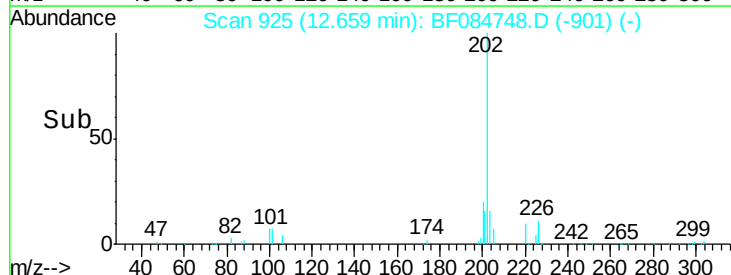
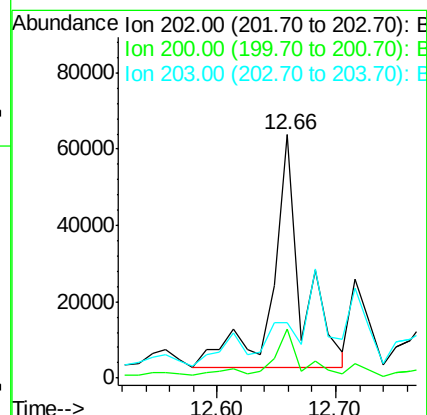
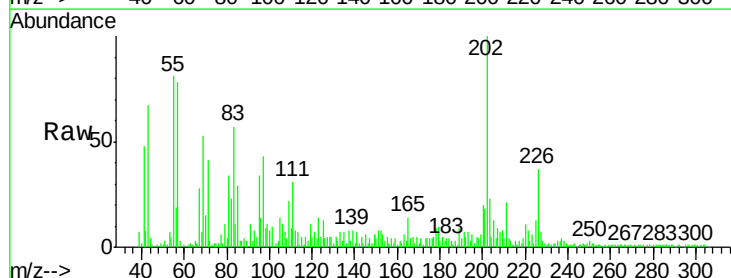
Tgt Ion:202 Resp: 107396

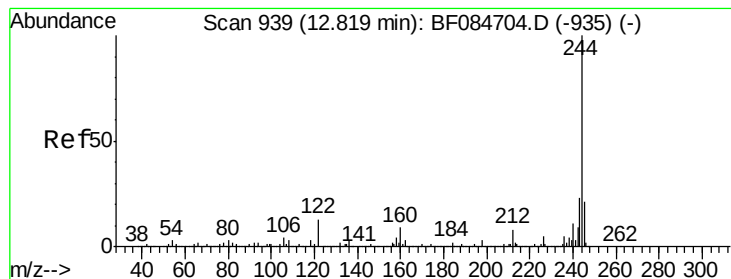
Ion Ratio Lower Upper

202 100

200 20.0 17.2 25.8

203 22.7 14.3 21.5#





#78

Terphenyl-d14

Concen: 31.75 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

BLFS-SOIL01DL

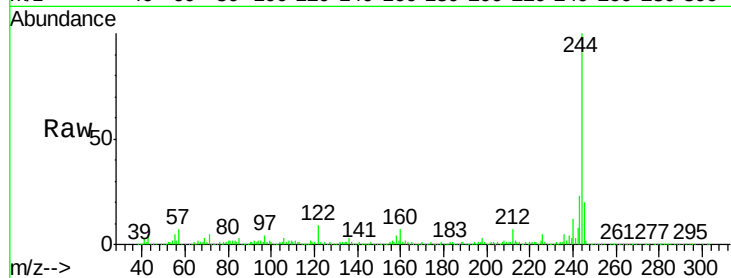
Tgt Ion:244 Resp: 749892

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

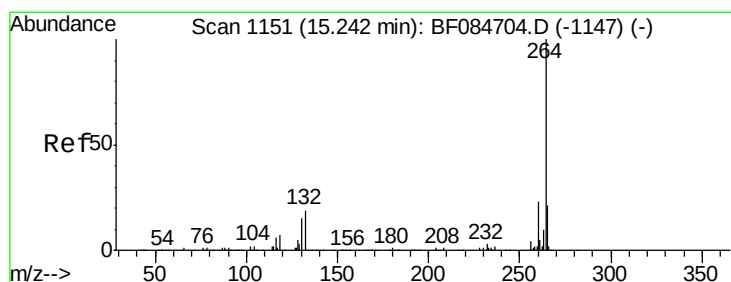
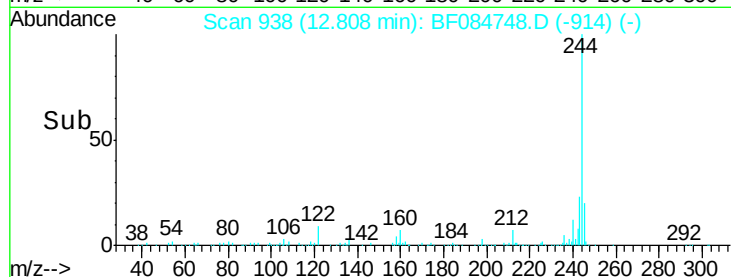
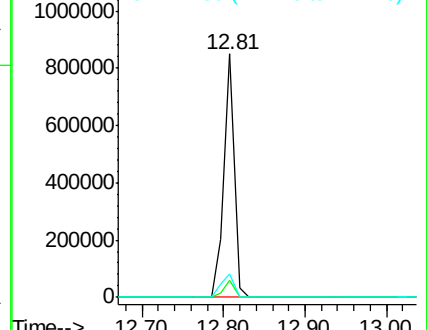
122 9.5 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF084748.D

Acq: 2 Feb 2016 11:17

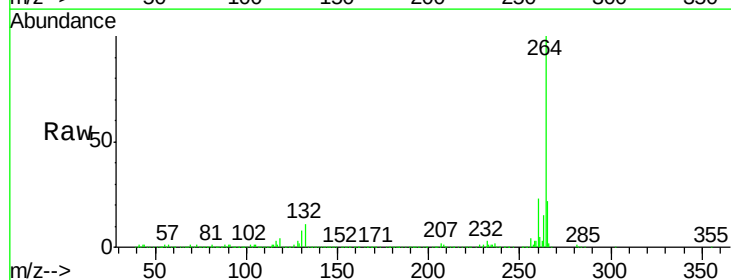
Tgt Ion:264 Resp: 421877

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.0 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

