

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083969.D
 Acq On : 19 Dec 2015 22:02
 Operator : UM/SJ
 Sample : G4869-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK1

Quant Time: Dec 21 01:00:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	73981	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	243410	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	68796	20.00	ng	0.02
63) Phenanthrene-d10	11.42	188	129309	20.00	ng	0.03
75) Chrysene-d12	14.01	240	169705	20.00	ng	-0.02
86) Perylene-d12	15.44	264	147282	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	549241	116.18	ng	-0.01
7) Phenol-d6	6.50	99	736282	127.24	ng	-0.01
23) Nitrobenzene-d5	7.42	82	527784	123.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	161582	213.20	ng	0.03
44) 2-Fluorobiphenyl	9.24	172	575918	127.35	ng	0.00
78) Terphenyl-d14	12.97	244	613242	84.44	ng	-0.01

Target Compounds

						Qvalue
15) Benzyl Alcohol	7.01	79	15458	3.53	ng	# 41
18) Hexachloroethane	7.44	117	100009	44.12	ng	# 37
19) n-Nitroso-di-n-propylamine	7.29	70	22258	6.60	ng	# 69
22) Acetophenone	7.25	105	19046	3.25	ng	# 57
24) Nitrobenzene	7.40	77	35618	8.08	ng	# 66
25) Isophorone	7.68	82	90150	11.23	ng	# 1
26) 2-Nitrophenol	7.72	139	5133	2.25	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	21552	5.48	ng	# 1
28) bis(2-Chloroethoxy)methane	7.95	93	24698	5.20	ng	# 1
29) 2,4-Dichlorophenol	8.01	162	13044	3.66	ng	# 1
30) 1,2,4-Trichlorobenzene	8.04	180	11842	3.09	ng	# 50
32) Benzoic acid	7.95	122	13588	13.59	ng	# 12
33) 4-Chloroaniline	8.20	127	18925	3.42	ng	# 1
35) Caprolactam	8.60	113	197751	167.75	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	25032	4.63	ng	# 28
42) 2,4,6-Trichlorophenol	9.17	196	10166	7.10	ng	# 12
43) 2,4,5-Trichlorophenol	9.17	196	10166	7.17	ng	# 1
45) 1,1'-Biphenyl	9.33	154	5510	Below Cal		# 1
46) 2-Chloronaphthalene	9.34	162	1987	Below Cal		# 1
47) 2-Nitroaniline	9.64	65	26523	19.49	ng	# 91
48) Acenaphthylene	9.80	152	39409	4.91	ng	# 1
49) Dimethylphthalate	9.63	163	132704	22.99	ng	# 60
50) 2,6-Dinitrotoluene	9.73	165	42231	33.54	ng	# 76
51) Acenaphthene	9.97	154	59611	12.09	ng	# 36
52) 3-Nitroaniline	9.90	138	40480	30.50	ng	# 22
53) 2,4-Dinitrophenol	9.98	184	872	11.98	ng	# 1
54) Dibenzofuran	10.14	168	113676	17.75	ng	# 1
55) 4-Nitrophenol	10.05	139	36226	43.72	ng	# 1
56) 2,4-Dinitrotoluene	10.19	165	63005	39.03	ng	# 62
57) Fluorene	10.49	166	180000	36.38	ng	# 55
61) 4-Nitroaniline	10.58	138	22711	16.54	ng	# 63
62) Azobenzene	10.65	77	47833	9.56	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	9311	14.69	ng	# 1
65) n-Nitrosodiphenylamine	10.60	169	364669	77.50	ng	# 49

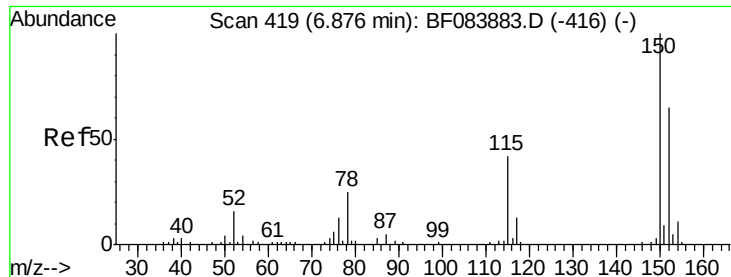
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	10.99	248	6446	4.08	ng	# 1
68) Atrazine	11.10	200	9177	6.16	ng	# 1
69) Pentachlorophenol	11.26	266	4767	11.07	ng	# 9
70) Phenanthrene	11.45	178	225165	28.82	ng	# 75
71) Anthracene	11.55	178	90870	12.03	ng	# 1
73) Di-n-butylphthalate	11.96	149	28100	3.21	ng	# 17
74) Fluoranthene	12.83	202	66950	8.59	ng	# 68
77) Pyrene	12.83	202	66950	2.88	ng	# 79

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

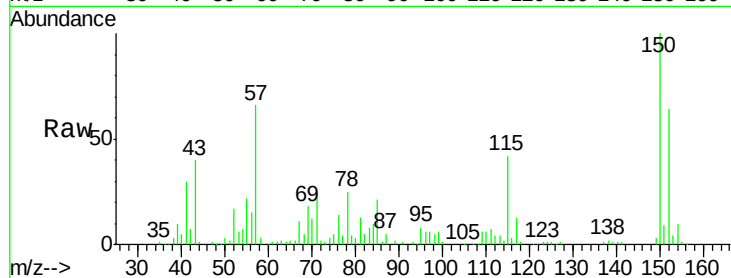
Tgt Ion:152 Resp: 73981

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.4

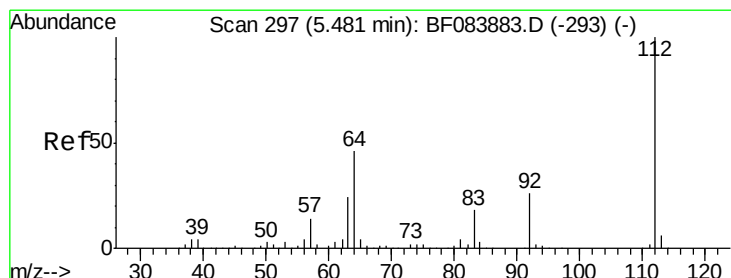
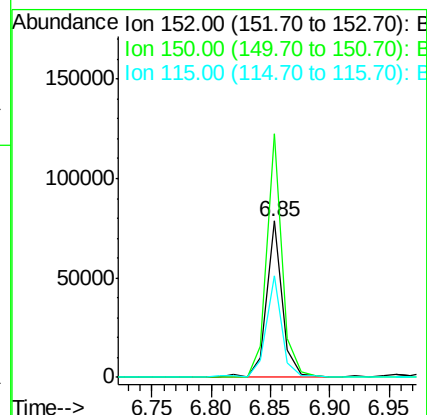
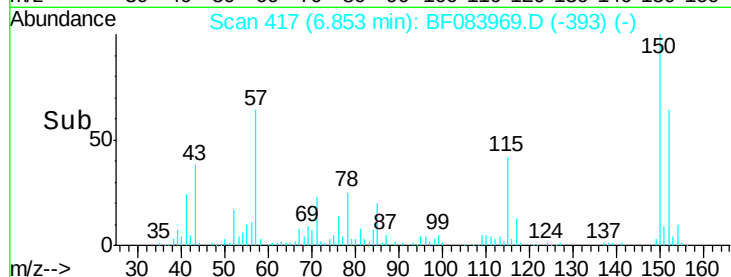
115 64.7 51.4 77.2



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: 116.18 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

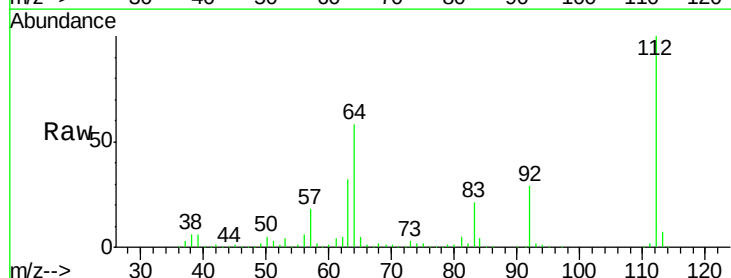
Tgt Ion:112 Resp: 549241

Ion Ratio Lower Upper

112 100

64 58.0 36.6 55.0#

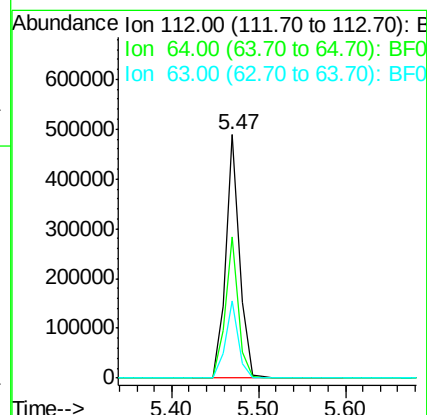
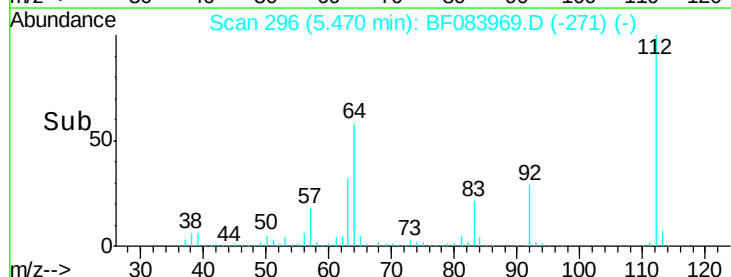
63 31.6 19.4 29.0#

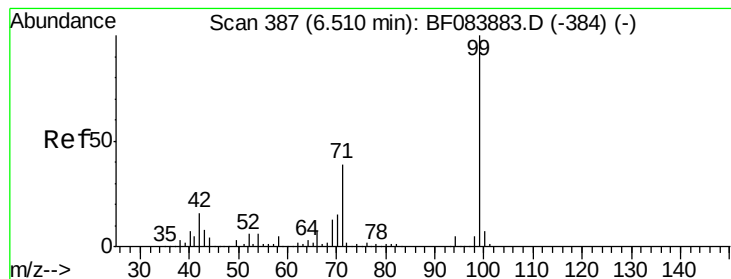


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.24 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

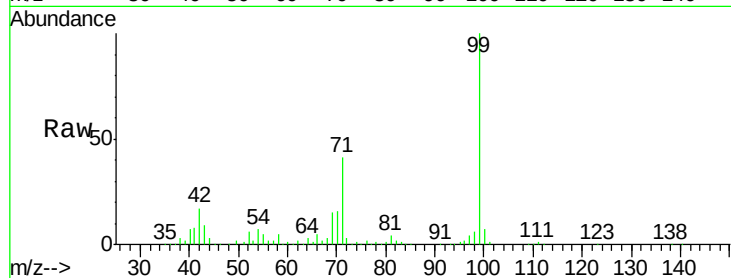
Tgt Ion: 99 Resp: 736282

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

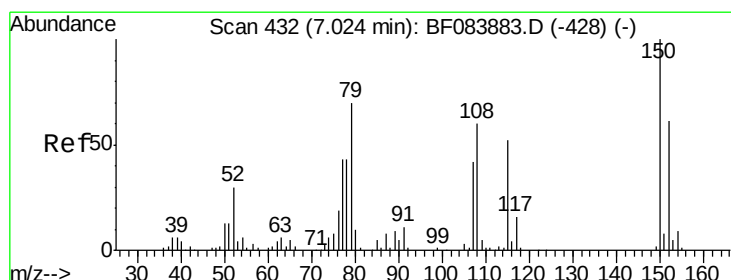
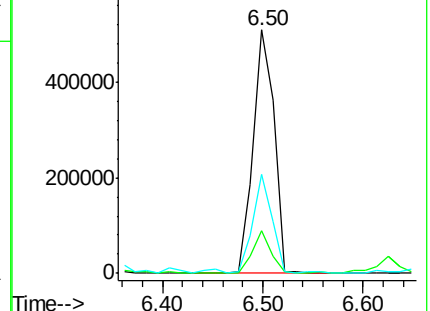
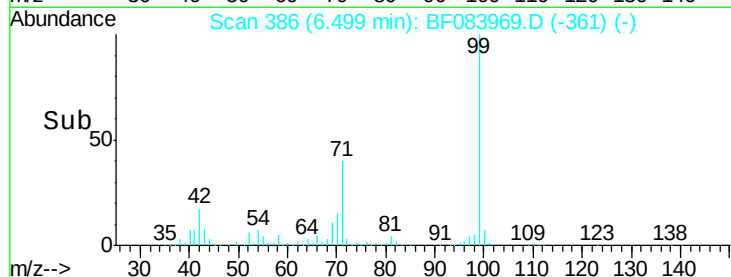
71 40.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 3.53 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

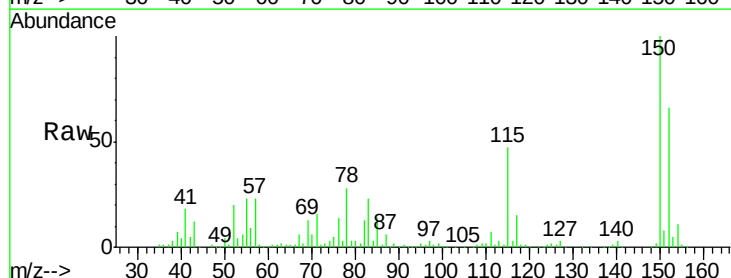
Tgt Ion: 79 Resp: 15458

Ion Ratio Lower Upper

79 100

108 24.7 69.0 103.4#

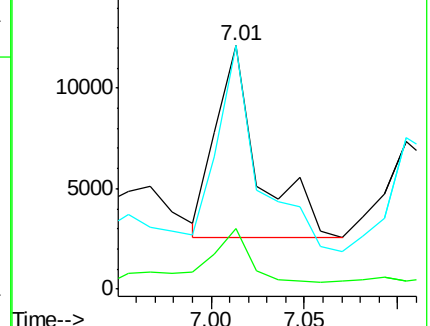
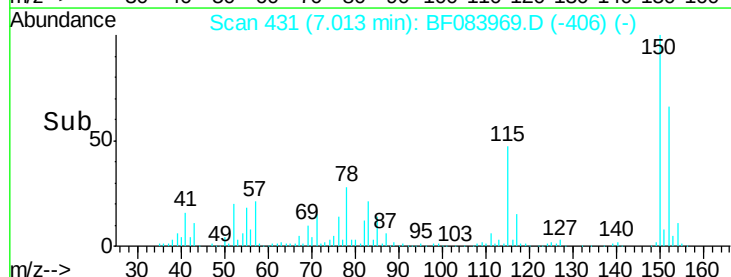
77 100.0 50.0 75.0#

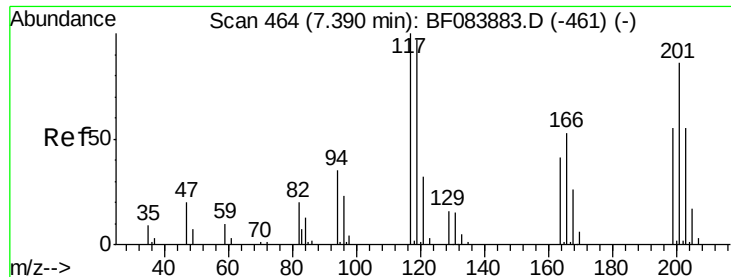


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 44.12 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.05 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

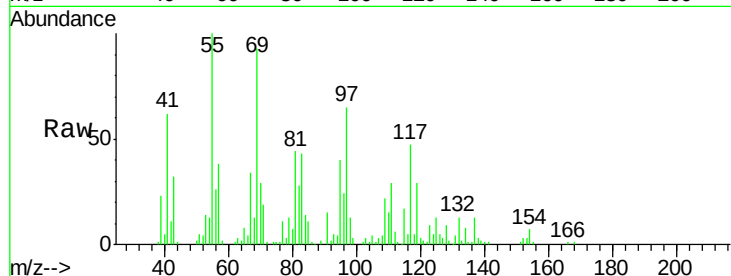
Tgt Ion: 117 Resp: 100009

Ion Ratio Lower Upper

117 100

119 62.2 77.4 116.0#

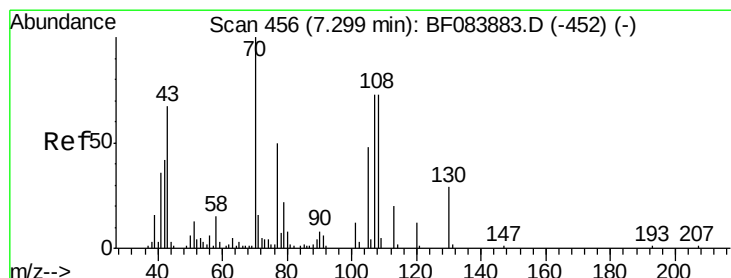
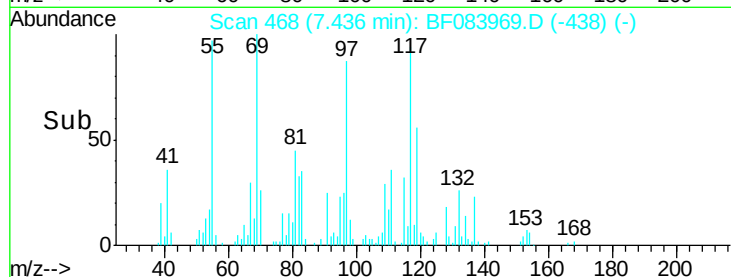
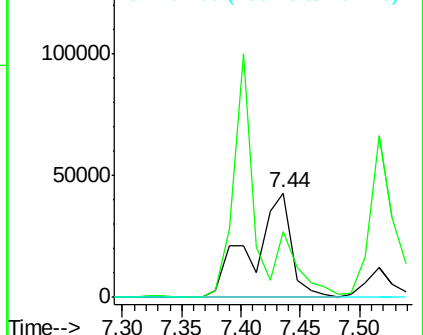
201 0.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 6.60 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Tgt Ion: 70 Resp: 22258

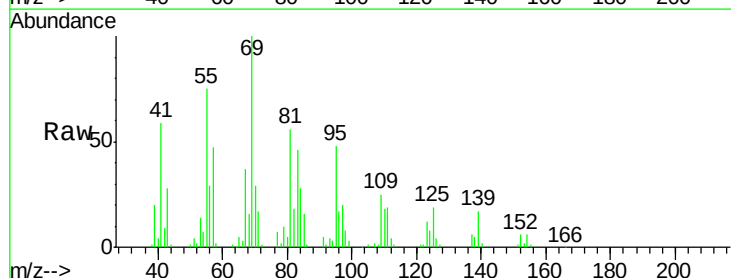
Ion Ratio Lower Upper

70 100

42 32.5 33.3 49.9#

101 0.0 9.3 13.9#

130 0.0 23.4 35.0#

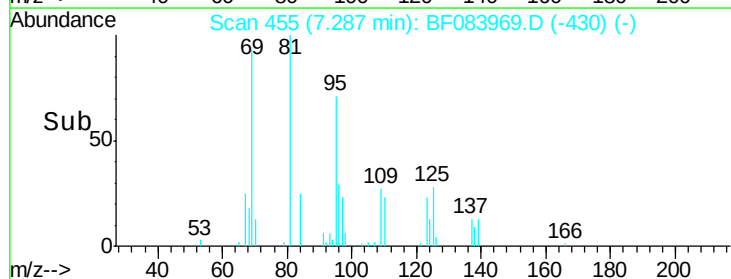
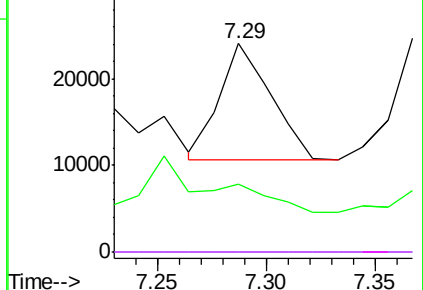


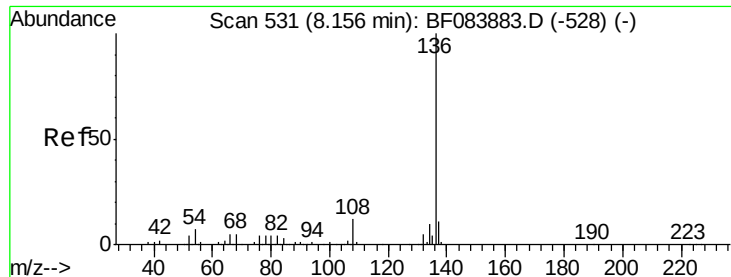
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

Tgt Ion:136 Resp: 243410

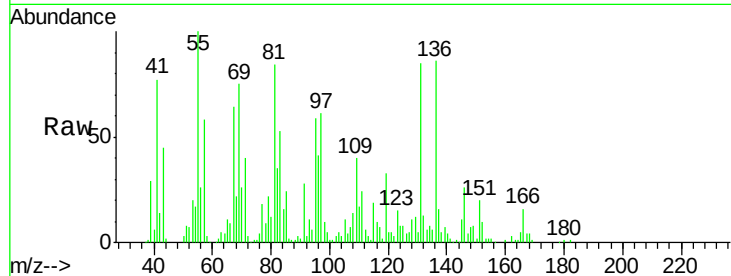
Ion Ratio Lower Upper

136 100

137 19.2 8.7 13.1#

54 19.3 5.8 8.8#

68 25.1 4.2 6.2#

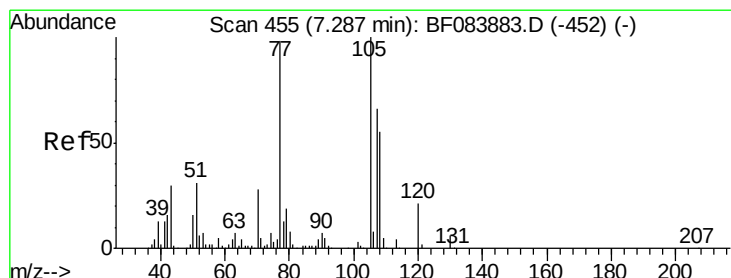
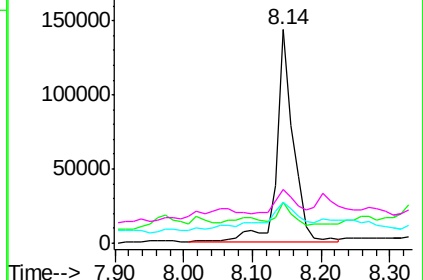
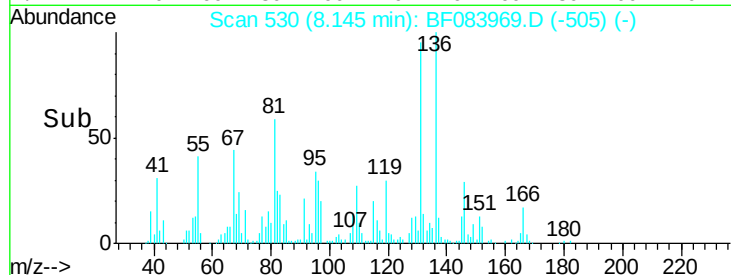


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 3.25 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Tgt Ion:105 Resp: 19046

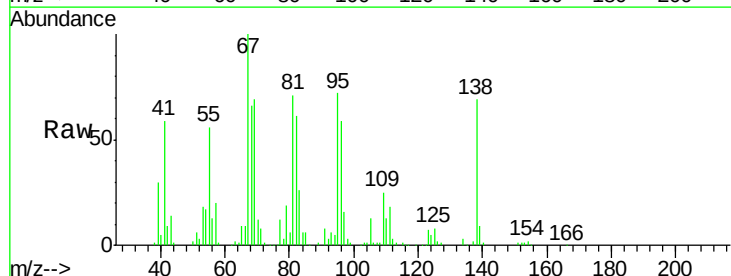
Ion Ratio Lower Upper

105 100

71 65.8 3.7 5.5#

51 42.9 25.1 37.7#

120 0.0 16.6 25.0#

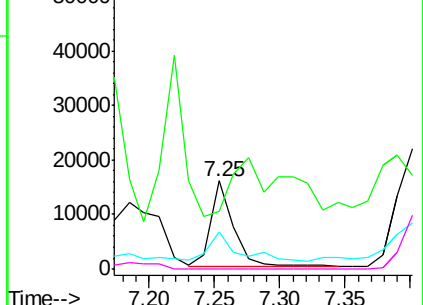
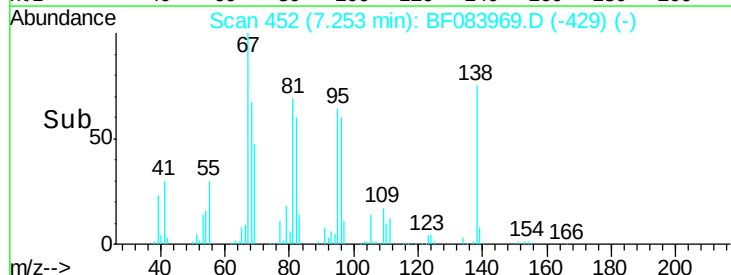


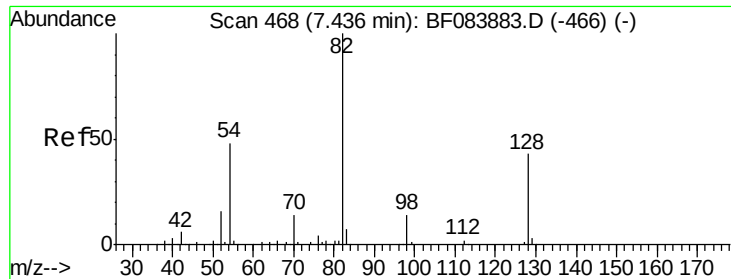
Abundance Ion 105.00 (104.70 to 105.70): E

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

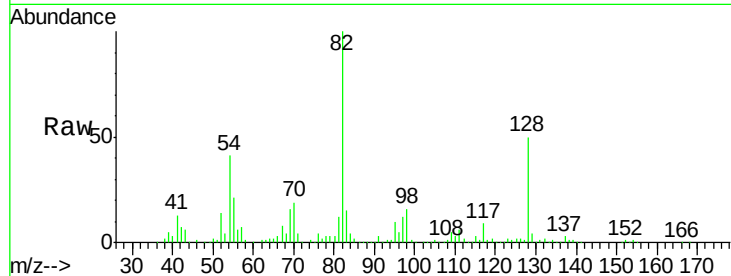




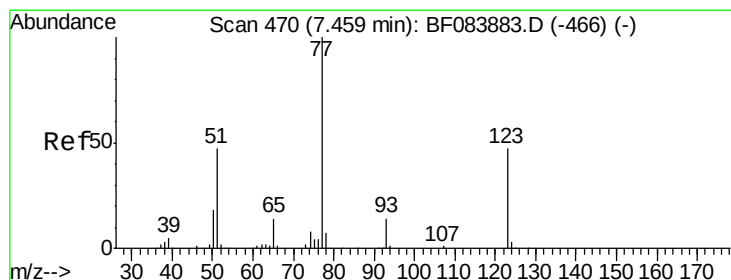
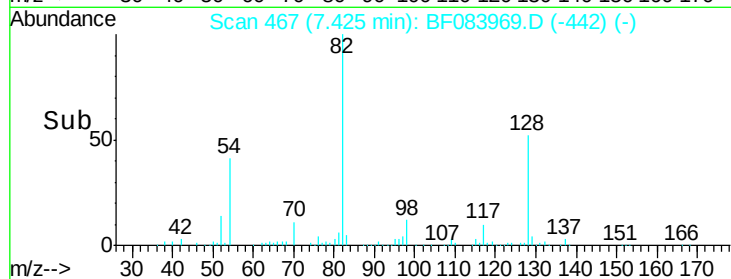
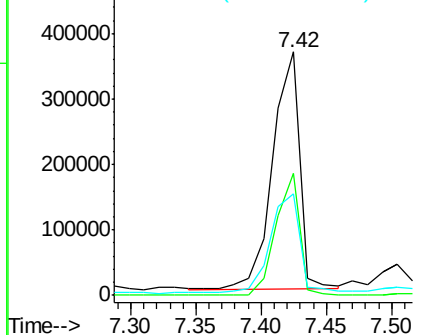
#23
 Nitrobenzene-d5
 Concen: 123.75 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.0	34.6	51.8
54	41.5	38.4	57.6

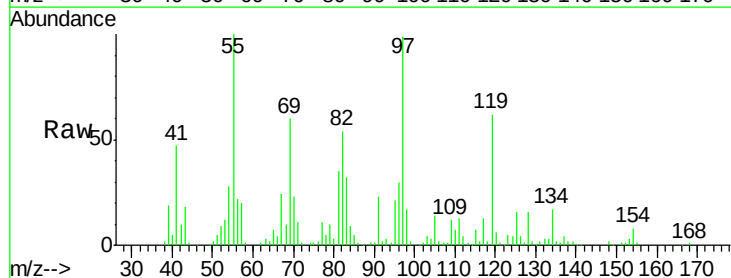


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

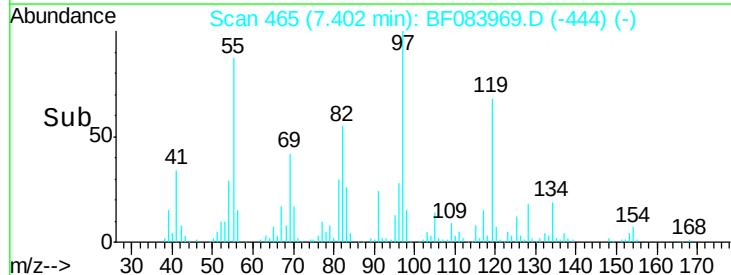
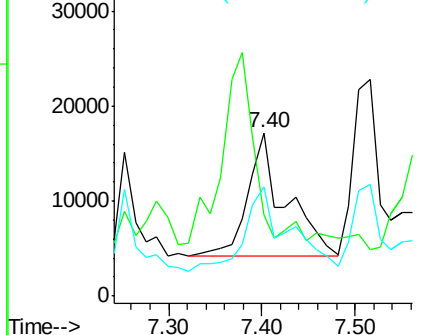


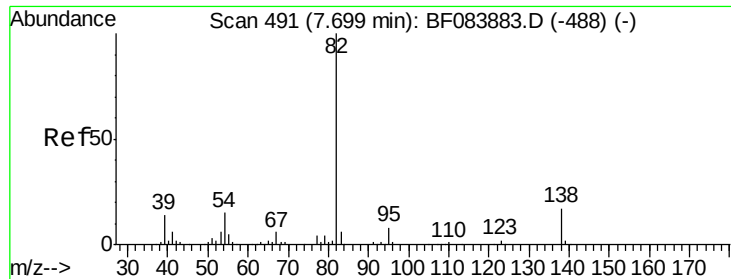
#24
 Nitrobenzene
 Concen: 8.08 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.06 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.4	56.2
65	67.1	10.9	16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 11.23 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

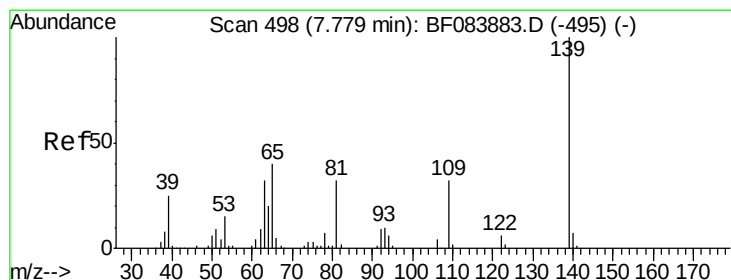
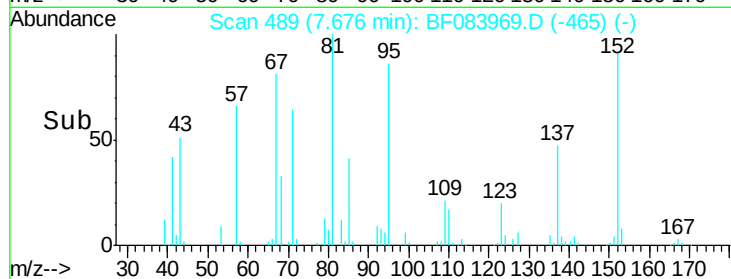
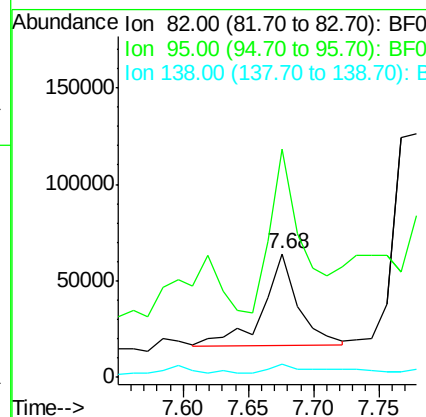
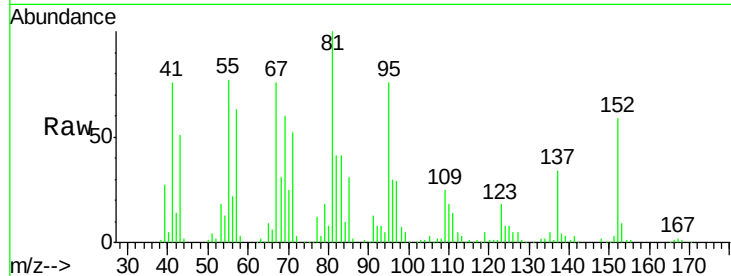
Tgt Ion: 82 Resp: 90150

Ion Ratio Lower Upper

82 100

95 184.9 6.6 10.0#

138 10.7 13.6 20.4#



#26

2-Nitrophenol

Concen: 2.25 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.06 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

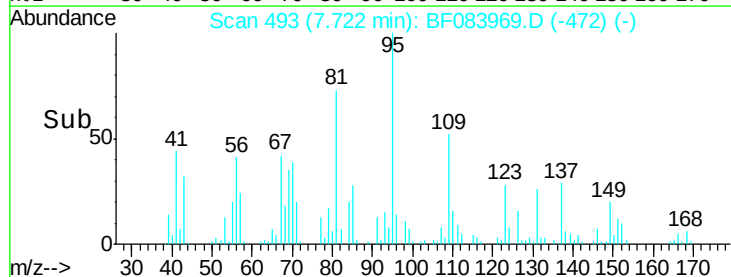
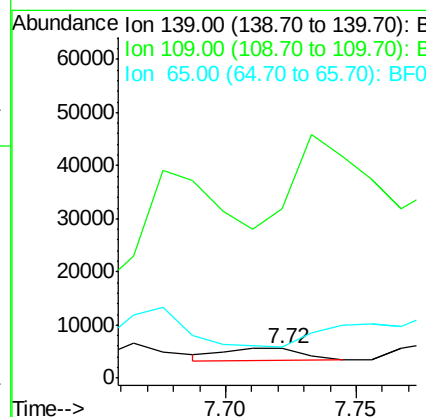
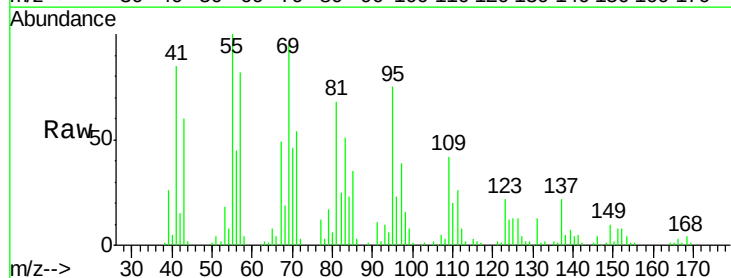
Tgt Ion: 139 Resp: 5133

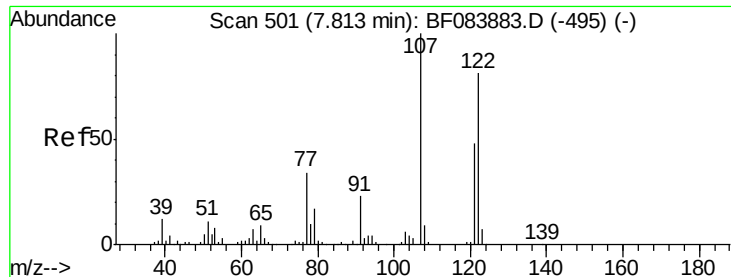
Ion Ratio Lower Upper

139 100

109 570.1 25.4 38.2#

65 103.7 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 5.48 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

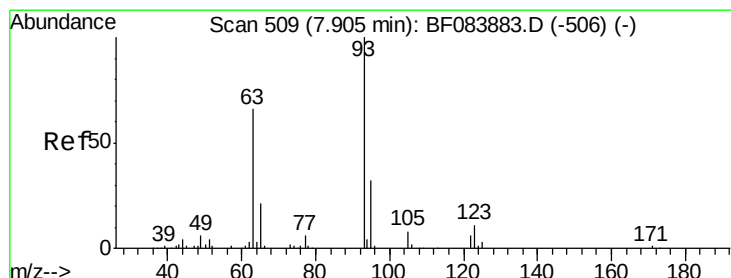
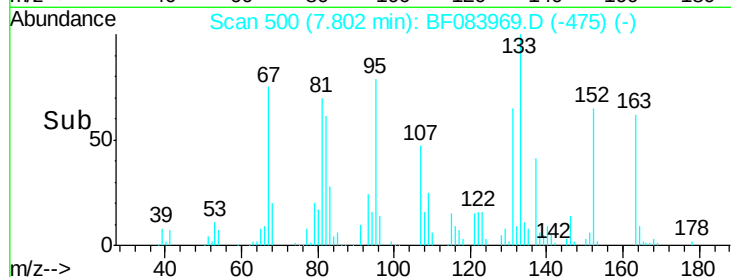
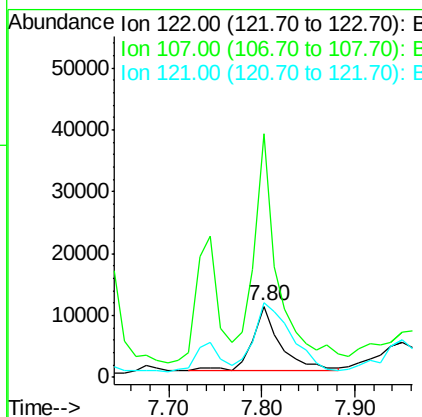
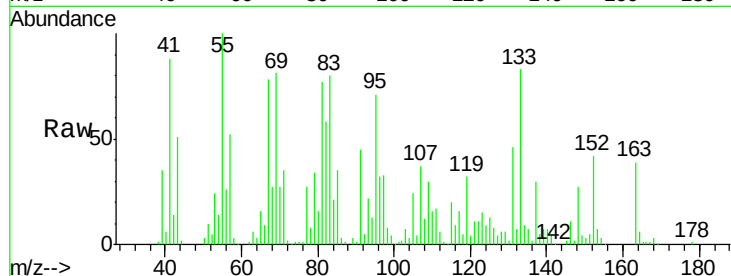
Tgt Ion:122 Resp: 21552

Ion Ratio Lower Upper

122 100

107 343.2 99.1 148.7#

121 105.3 47.9 71.9#



#28

bis(2-Chloroethoxy)methane

Concen: 5.20 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.05 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

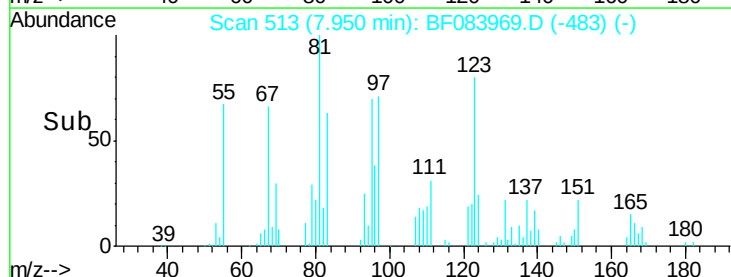
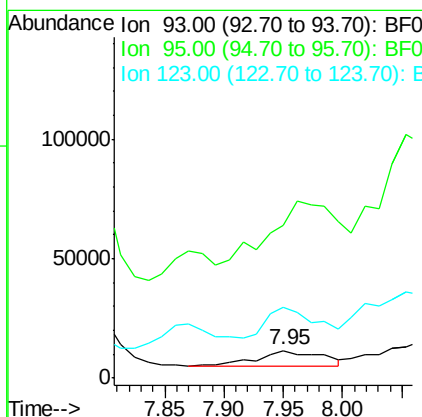
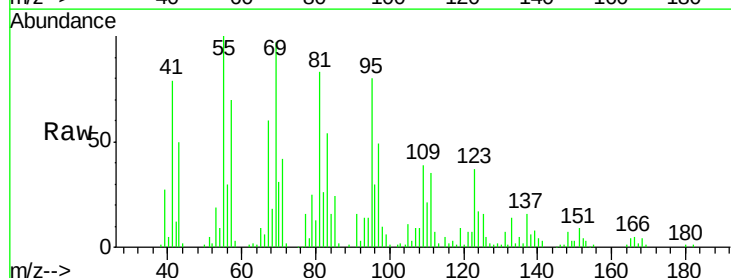
Tgt Ion: 93 Resp: 24698

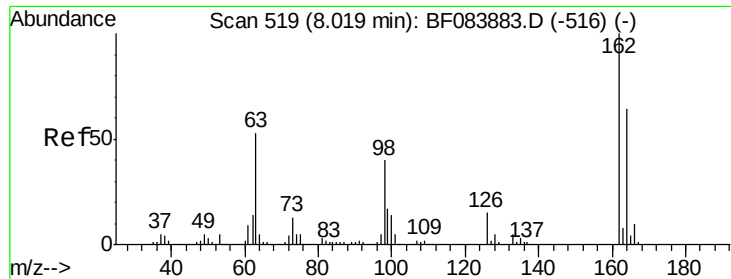
Ion Ratio Lower Upper

93 100

95 558.1 25.8 38.6#

123 257.9 8.6 12.8#

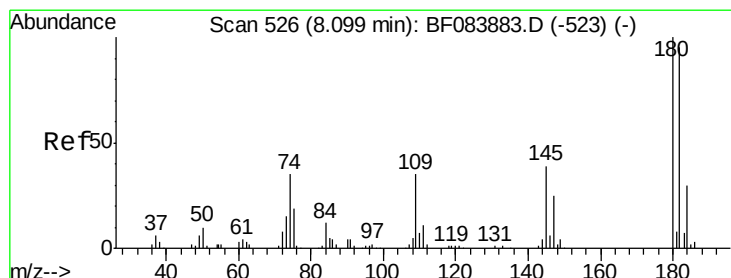
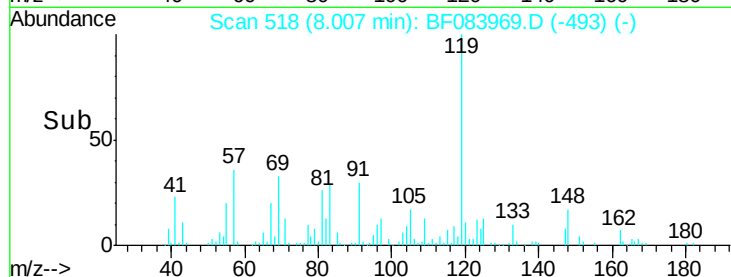
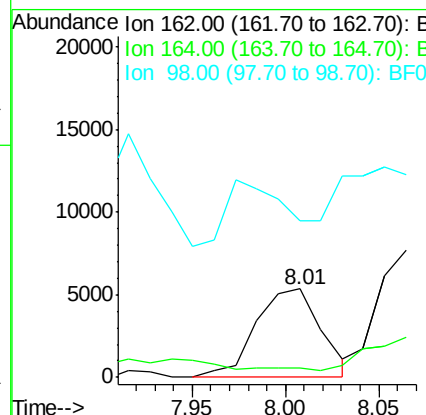
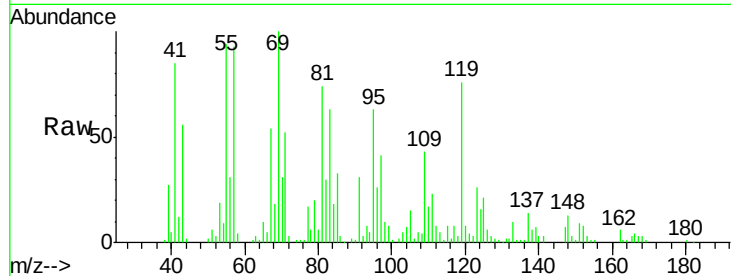




#29
2,4-Dichlorophenol
Concen: 3.66 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

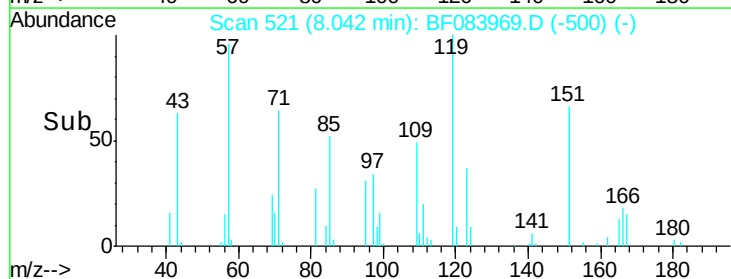
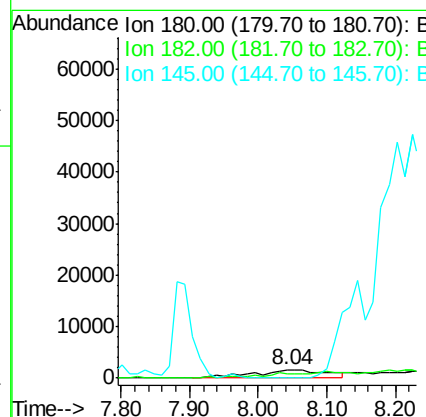
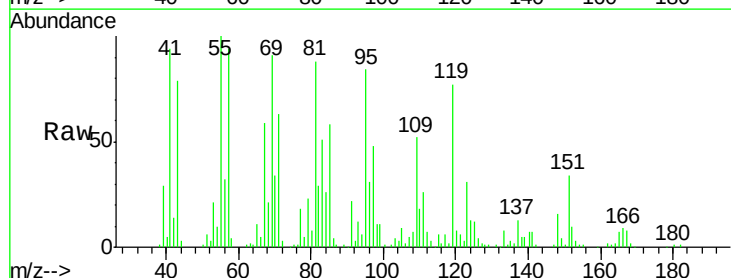
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

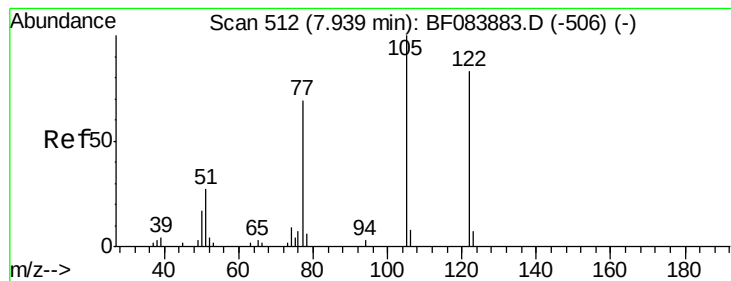
Tgt Ion:162 Resp: 13044
Ion Ratio Lower Upper
162 100
164 10.8 44.1 84.1#
98 177.4 20.2 60.2#



#30
1,2,4-Trichlorobenzene
Concen: 3.09 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

Tgt Ion:180 Resp: 11842
Ion Ratio Lower Upper
180 100
182 52.1 76.4 114.6#
145 0.0 31.6 47.4#





#32

Benzoic acid

Concen: 13.59 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

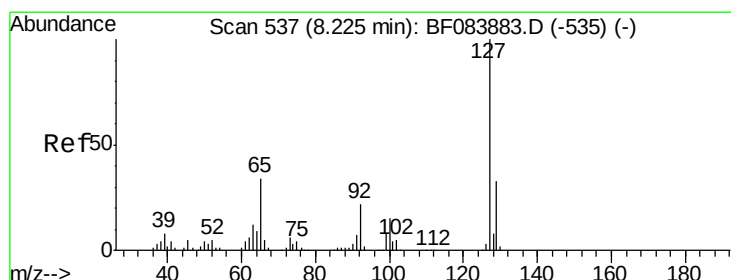
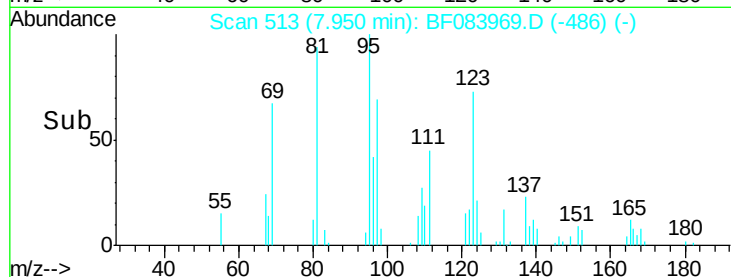
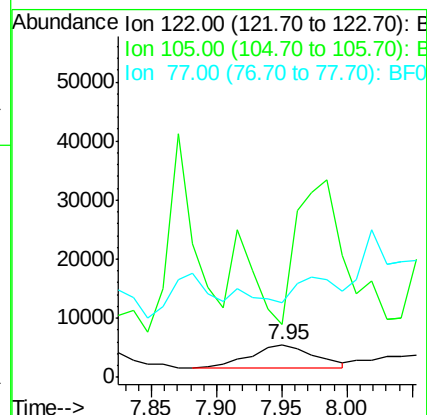
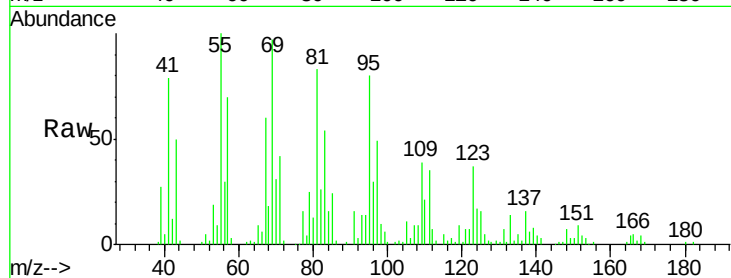
Tgt Ion:122 Resp: 13588

Ion Ratio Lower Upper

122 100

105 160.8 100.3 140.3#

77 229.1 63.5 103.5#



#33

4-Chloroaniline

Concen: 3.42 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Tgt Ion:127 Resp: 18925

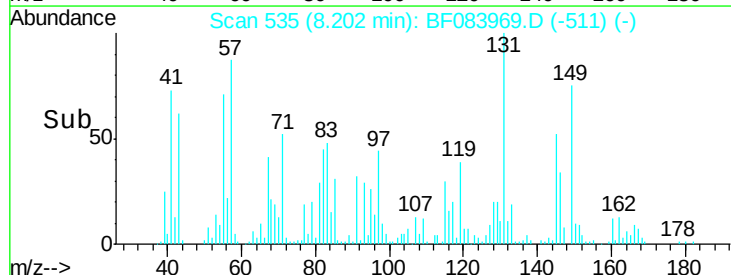
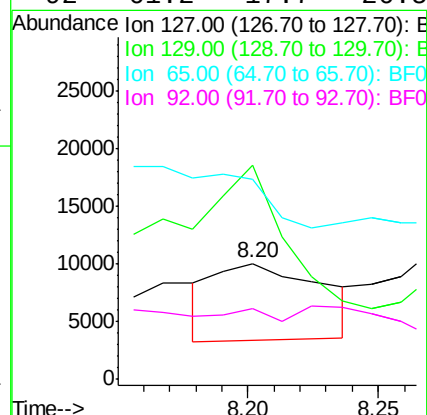
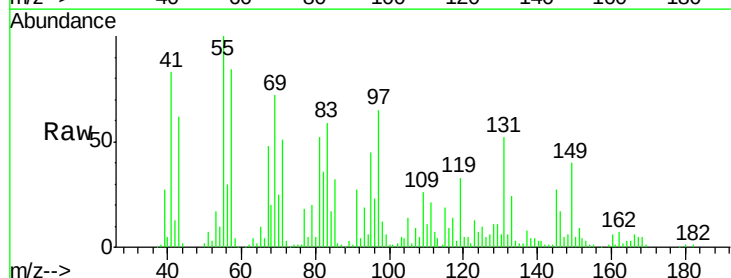
Ion Ratio Lower Upper

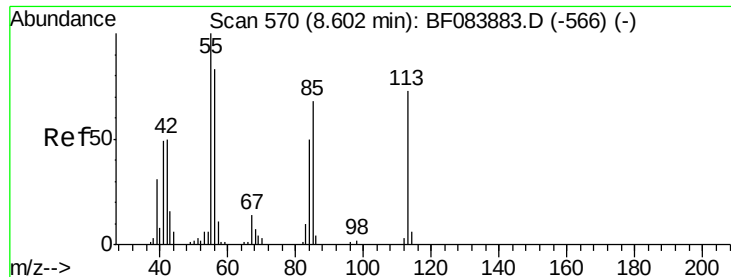
127 100

129 184.4 26.5 39.7#

65 172.2 27.2 40.8#

92 61.2 17.7 26.5#

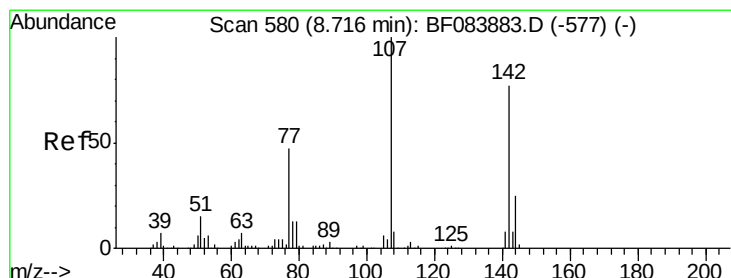
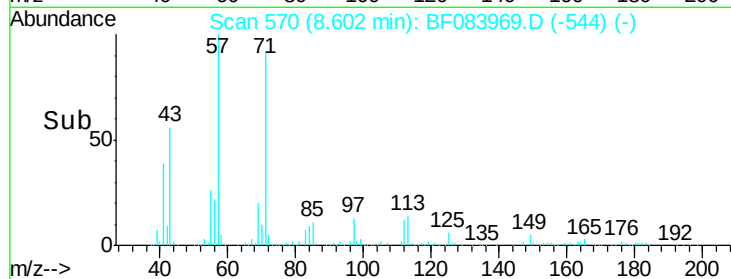
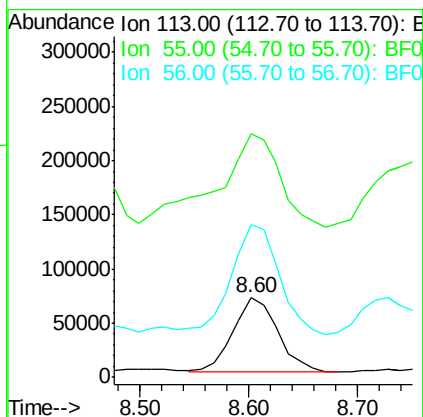
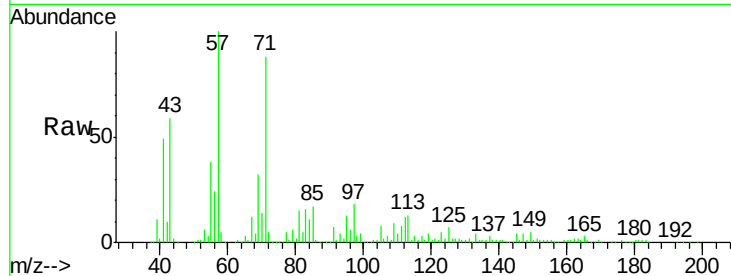




#35
 Caprolactam
 Concen: 167.75 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

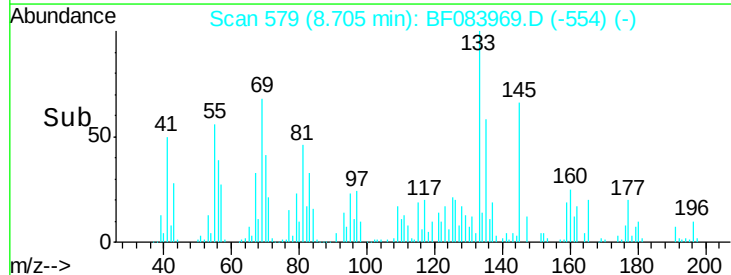
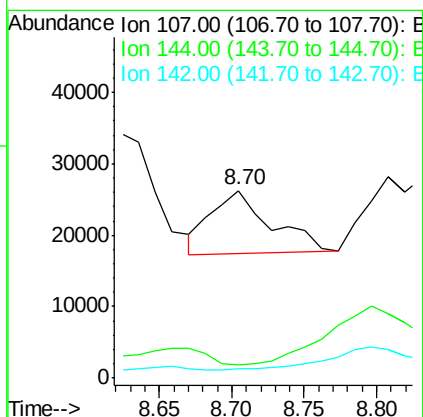
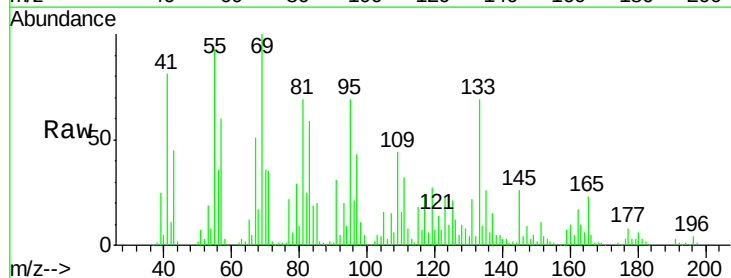
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK1

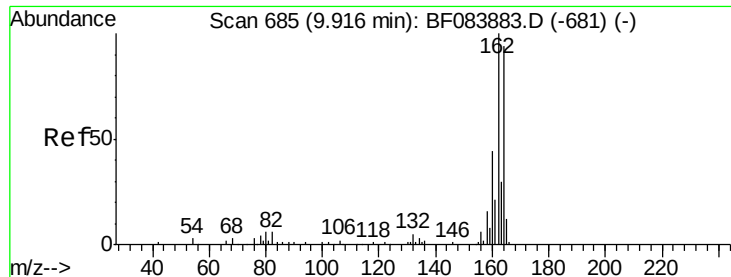
Tgt Ion:113 Resp: 197751
 Ion Ratio Lower Upper
 113 100
 55 306.9 116.9 156.9#
 56 192.7 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 4.63 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

Tgt Ion:107 Resp: 25032
 Ion Ratio Lower Upper
 107 100
 144 6.8 19.7 29.5#
 142 4.7 61.8 92.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

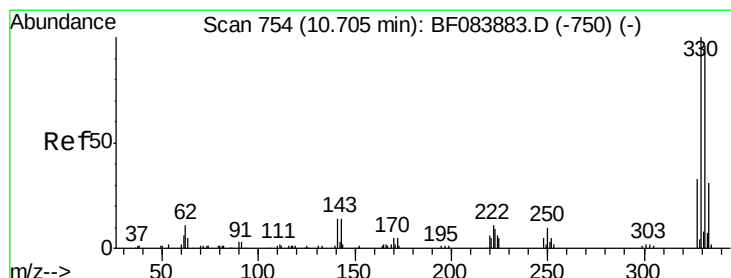
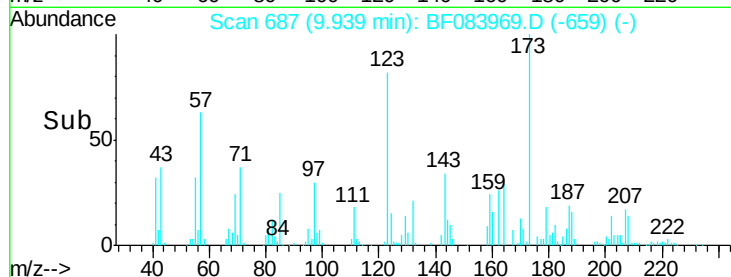
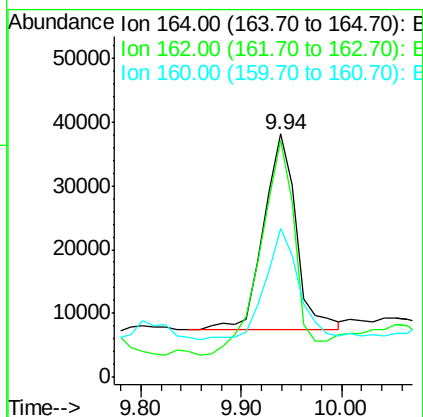
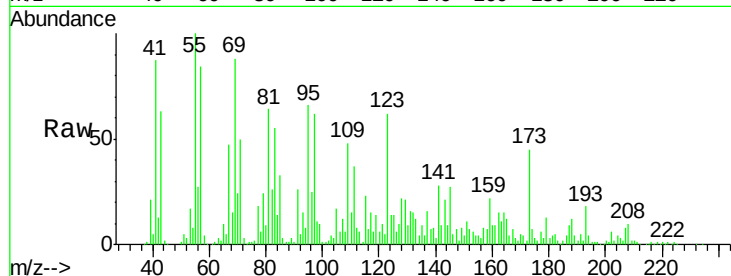
Tgt Ion:164 Resp: 68796

Ion Ratio Lower Upper

164 100

162 97.2 85.1 127.7

160 61.0 37.5 56.3#



#41

2,4,6-Tribromophenol

Concen: 213.20 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.03 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

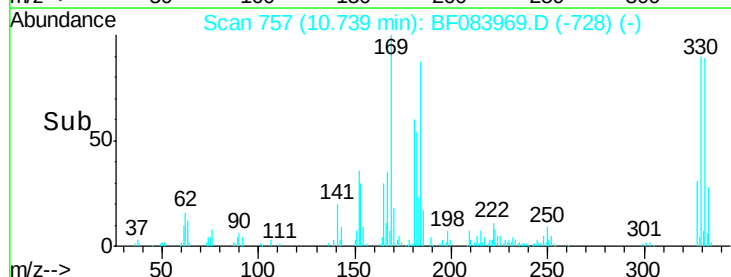
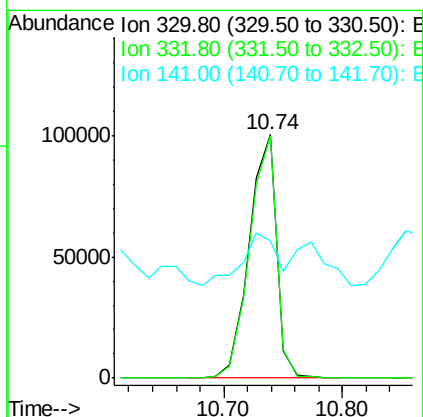
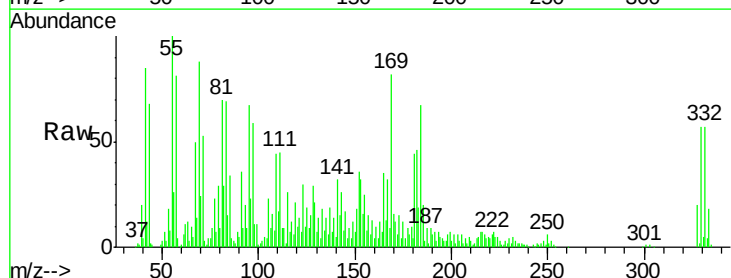
Tgt Ion:330 Resp: 161582

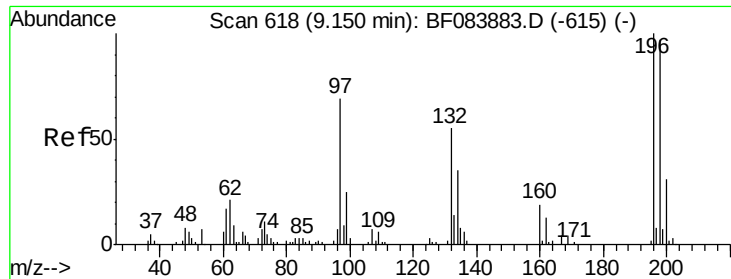
Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

141 27.4 27.8 41.6#





#42

2,4,6-Trichlorophenol

Concen: 7.10 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

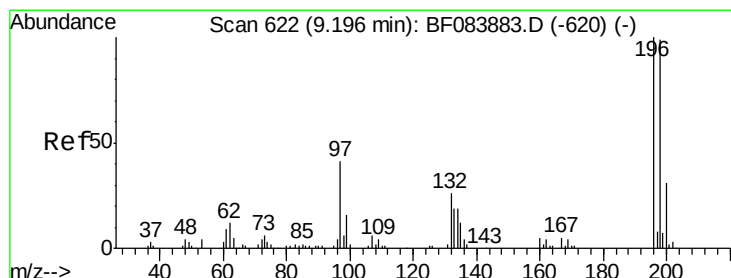
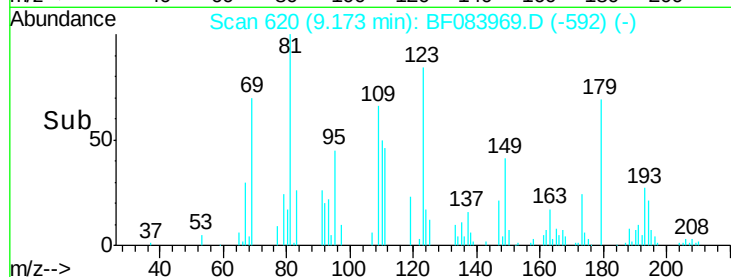
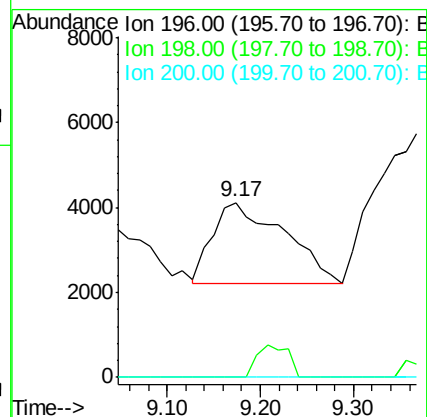
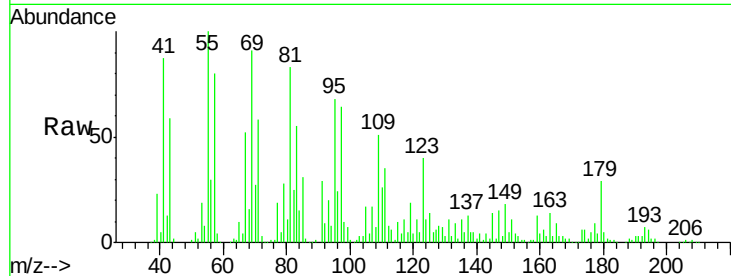
Tgt Ion:196 Resp: 10166

Ion Ratio Lower Upper

196 100

198 0.0 77.7 116.5#

200 0.0 24.6 37.0#



#43

2,4,5-Trichlorophenol

Concen: 7.17 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Tgt Ion:196 Resp: 10166

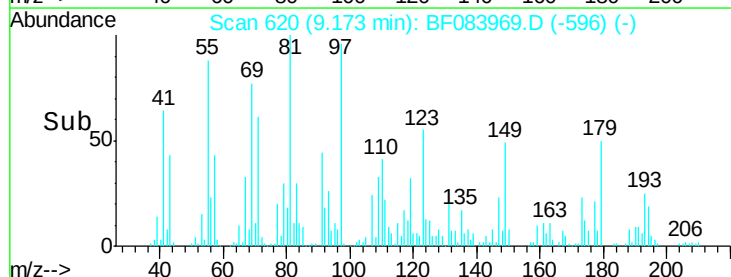
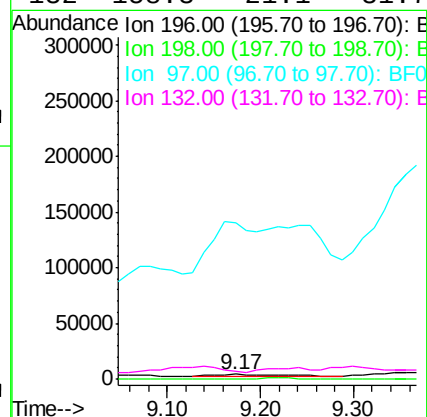
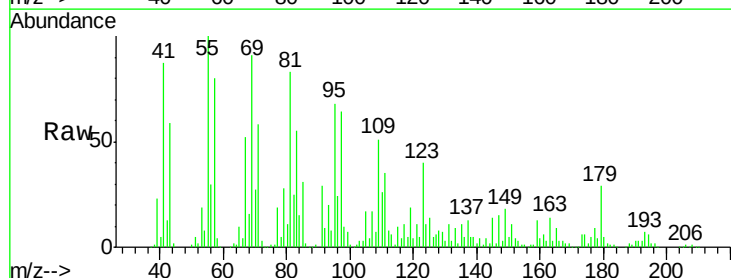
Ion Ratio Lower Upper

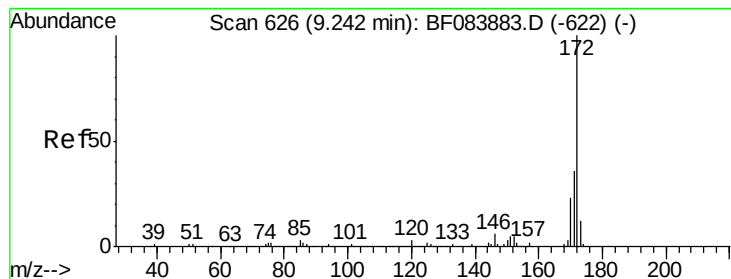
196 100

198 0.0 79.0 118.6#

97 3404.7 33.0 49.6#

132 158.3 21.1 31.7#





#44

2-Fluorobiphenyl

Concen: 127.35 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

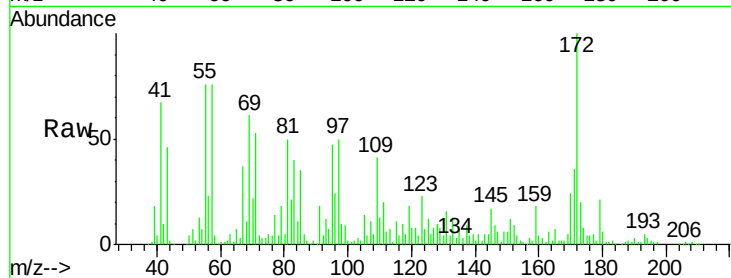
Tgt Ion:172 Resp: 575918

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

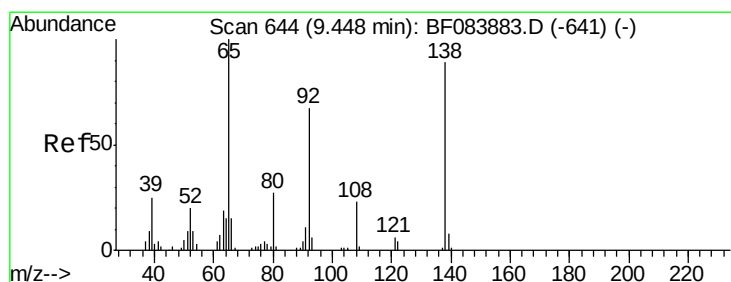
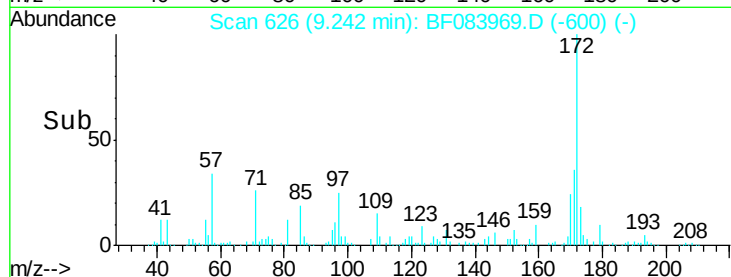
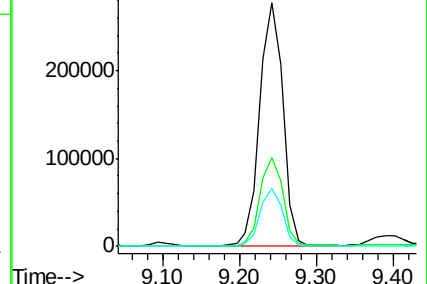
170 24.0 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#47

2-Nitroaniline

Concen: 19.49 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.19 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

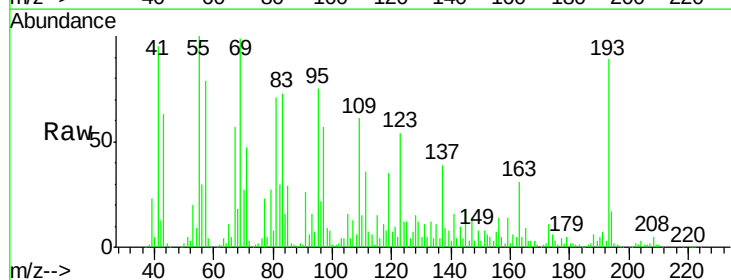
Tgt Ion: 65 Resp: 26523

Ion Ratio Lower Upper

65 100

92 57.1 53.4 80.2

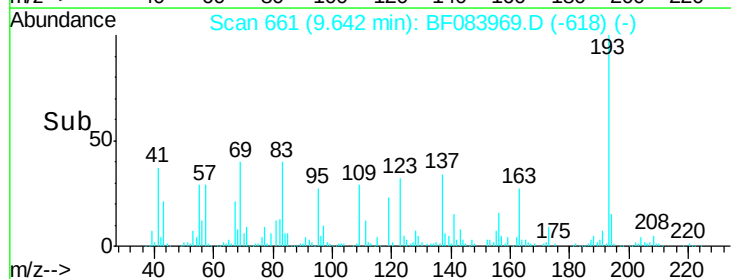
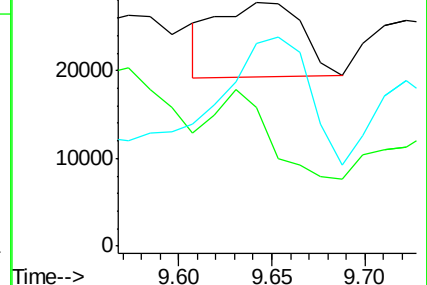
138 83.3 71.1 106.7

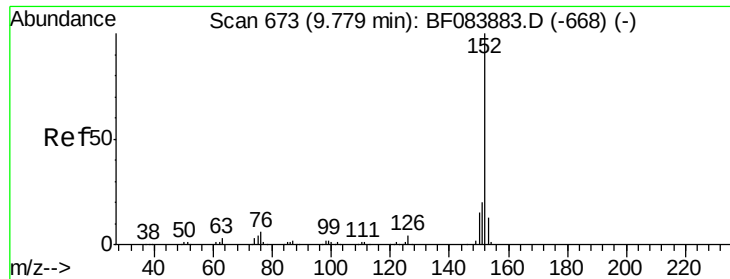


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 4.91 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

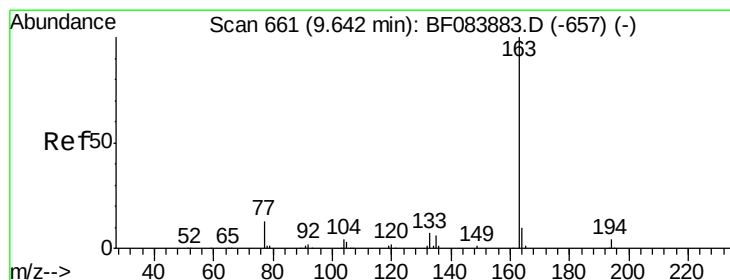
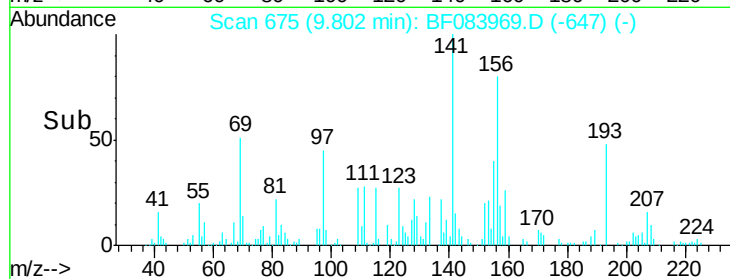
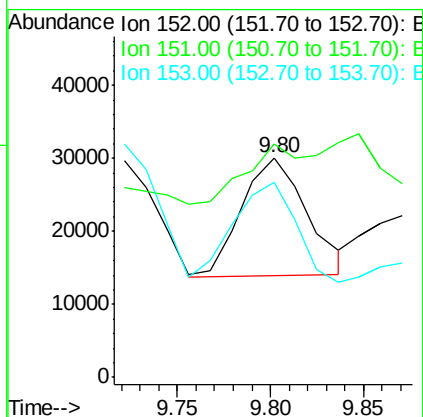
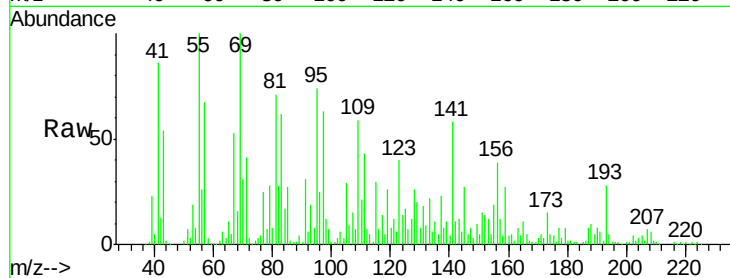
Tgt Ion:152 Resp: 39409

Ion Ratio Lower Upper

152 100

151 106.0 16.3 24.5#

153 88.6 10.4 15.6#



#49

Dimethylphthalate

Concen: 22.99 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

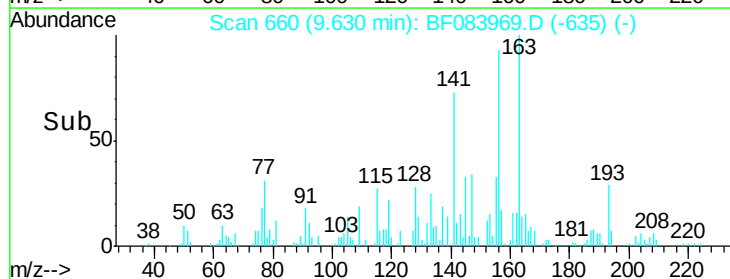
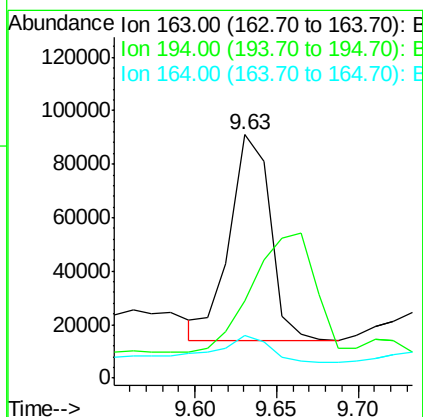
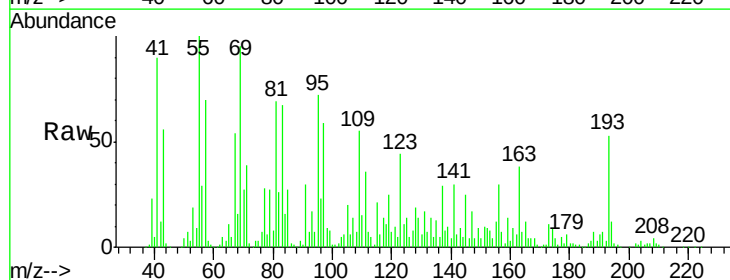
Tgt Ion:163 Resp: 132704

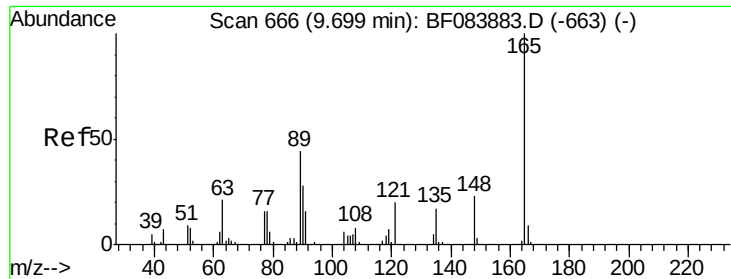
Ion Ratio Lower Upper

163 100

194 31.9 8.0 12.0#

164 17.7 8.0 12.0#





#50

2,6-Dinitrotoluene

Concen: 33.54 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.03 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

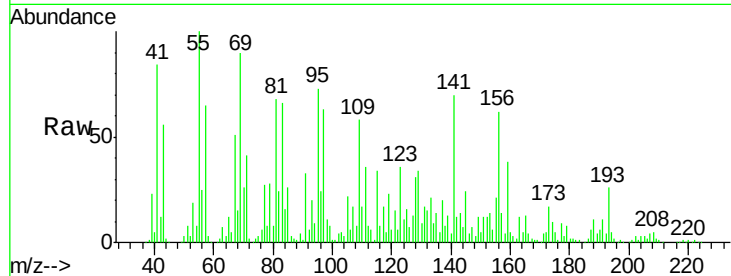
Tgt Ion:165 Resp: 42231

Ion Ratio Lower Upper

165 100

63 54.0 28.8 43.2#

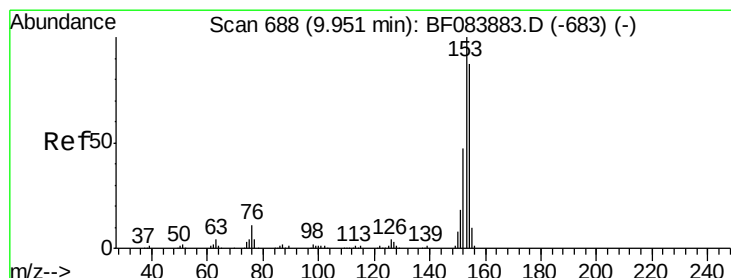
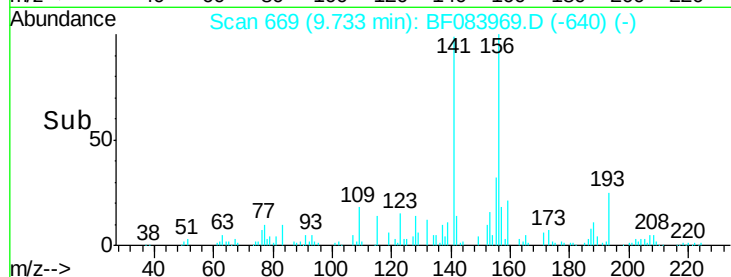
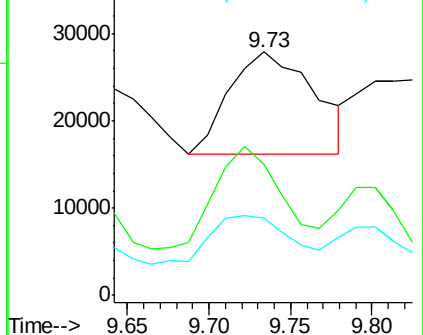
89 31.5 35.1 52.7#



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: 12.09 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

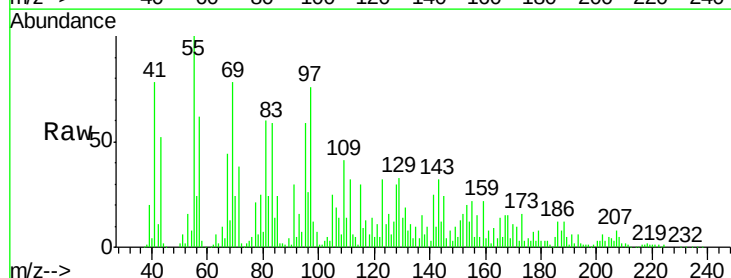
Tgt Ion:154 Resp: 59611

Ion Ratio Lower Upper

154 100

153 161.3 91.5 137.3#

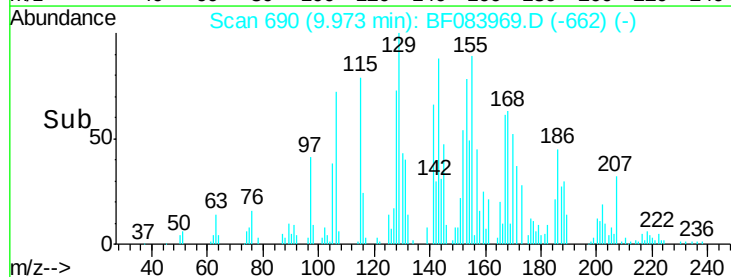
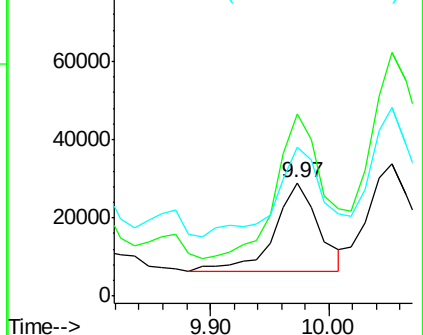
152 131.5 43.0 64.6#

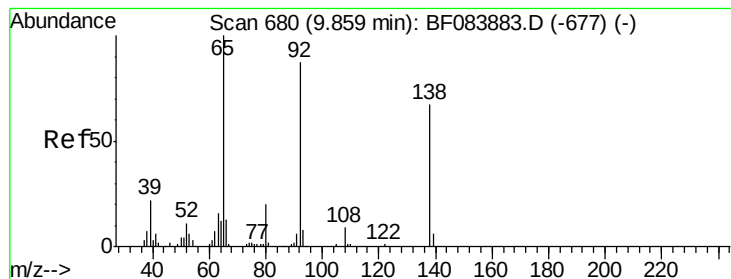


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 30.50 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.05 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

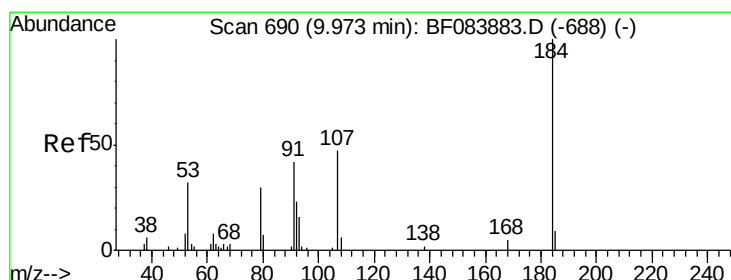
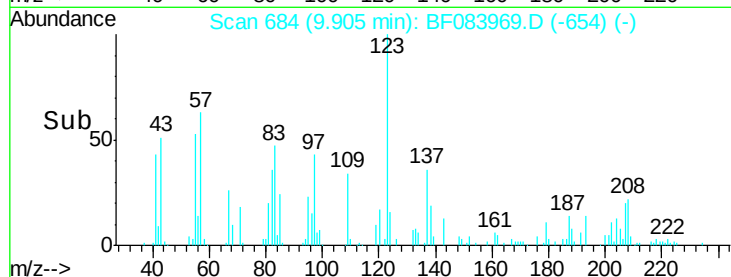
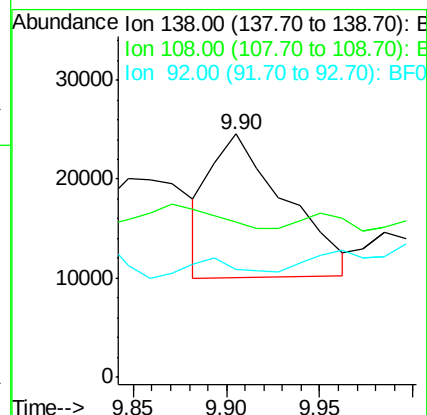
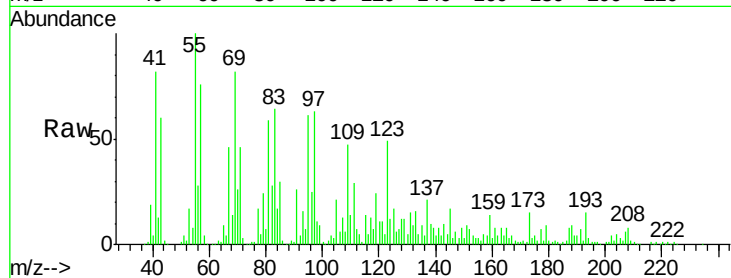
Tgt Ion:138 Resp: 40480

Ion Ratio Lower Upper

138 100

108 63.9 10.5 15.7#

92 44.4 103.9 155.9#



#53

2,4-Dinitrophenol

Concen: 11.98 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

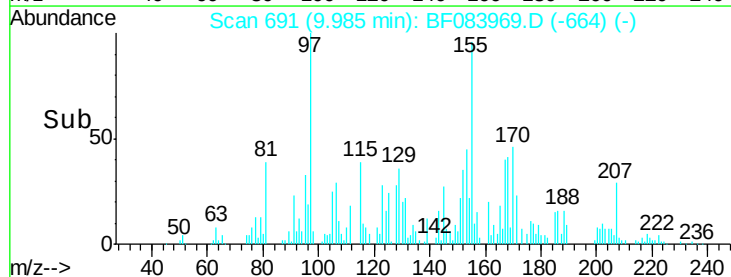
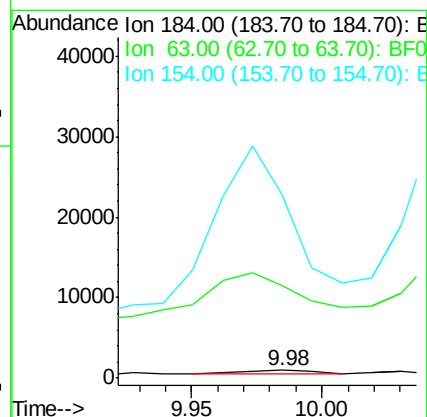
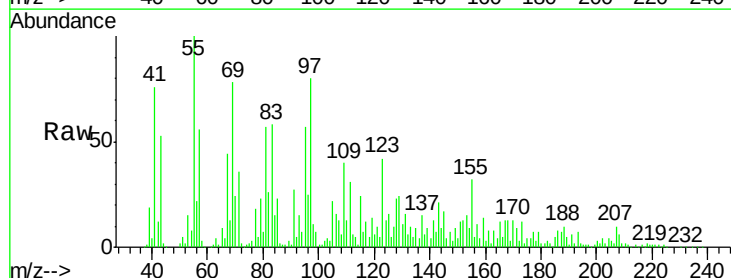
Tgt Ion:184 Resp: 872

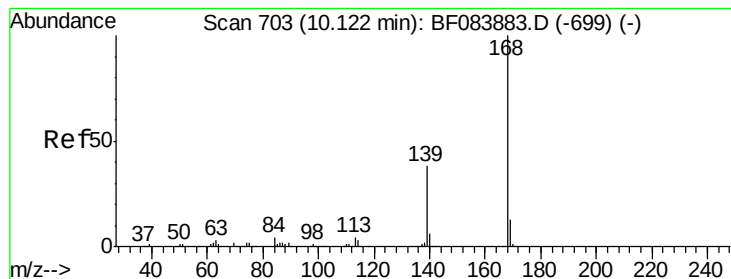
Ion Ratio Lower Upper

184 100

63 1169.9 43.1 64.7#

154 2328.1 60.5 90.7#





#54

Dibenzofuran

Concen: 17.75 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

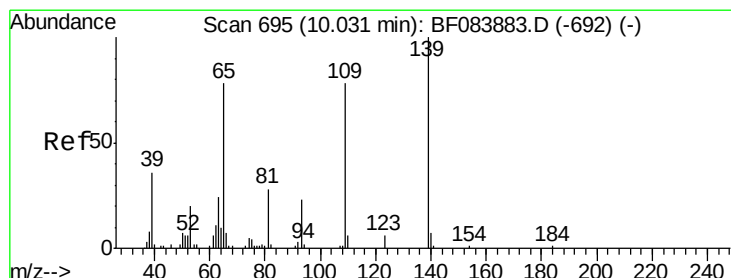
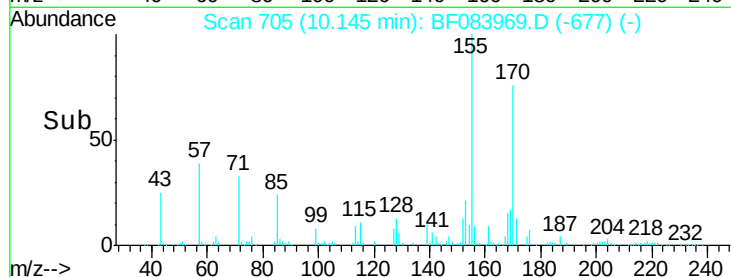
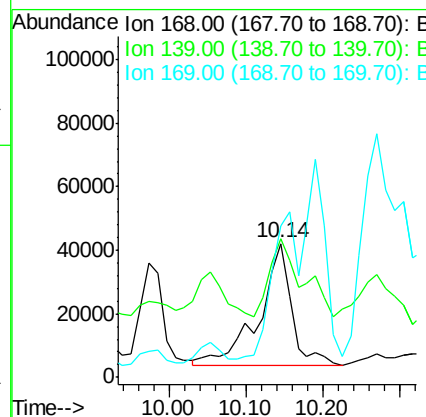
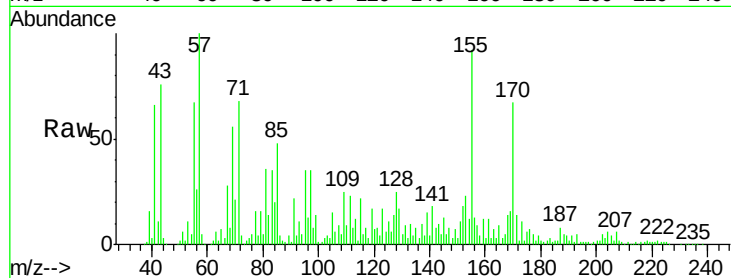
Tgt Ion:168 Resp: 113676

Ion Ratio Lower Upper

168 100

139 103.8 30.5 45.7#

169 113.0 10.4 15.6#



#55

4-Nitrophenol

Concen: 43.72 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

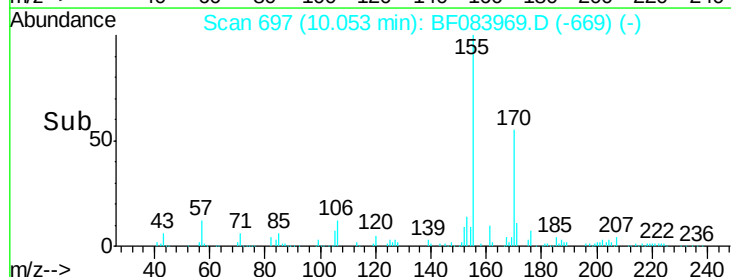
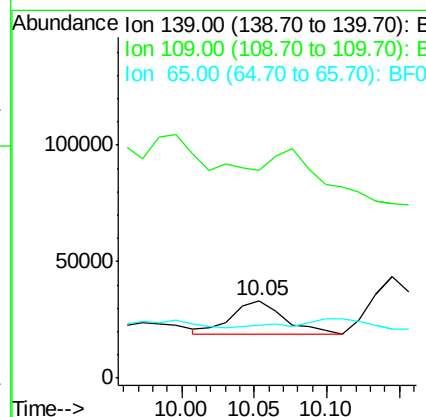
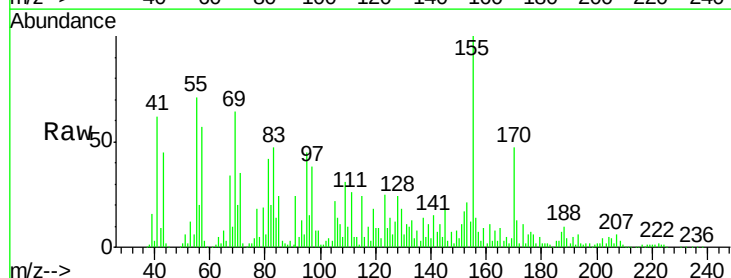
Tgt Ion:139 Resp: 36226

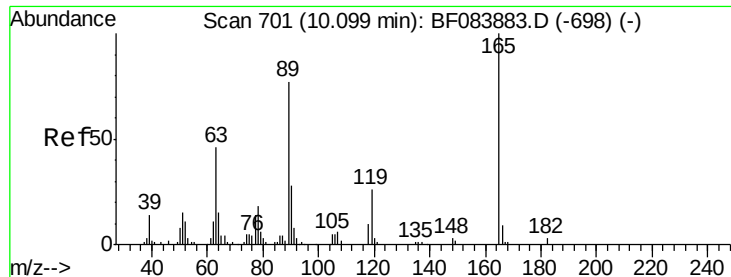
Ion Ratio Lower Upper

139 100

109 268.9 58.5 98.5#

65 68.9 57.6 97.6

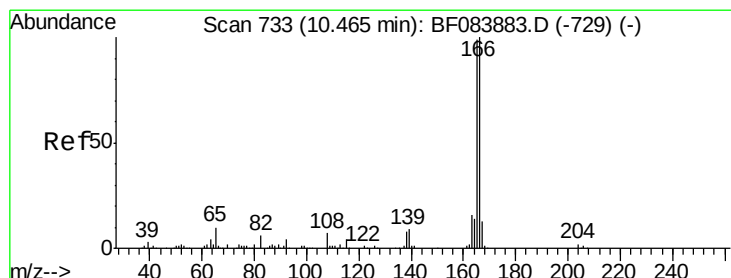
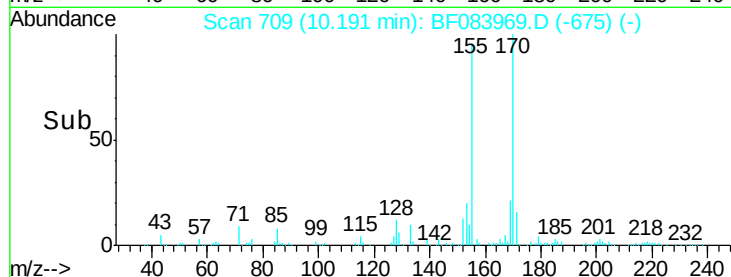
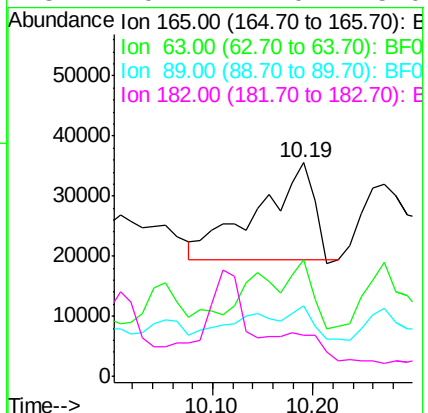
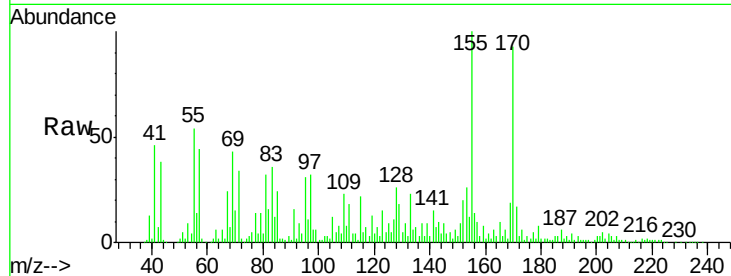




#56
2,4-Dinitrotoluene
Concen: 39.03 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.09 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

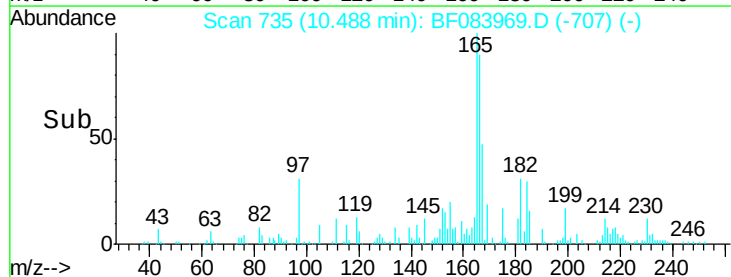
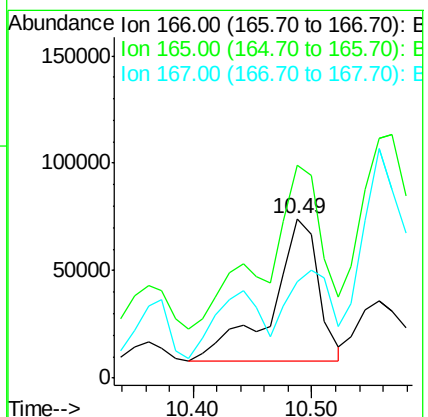
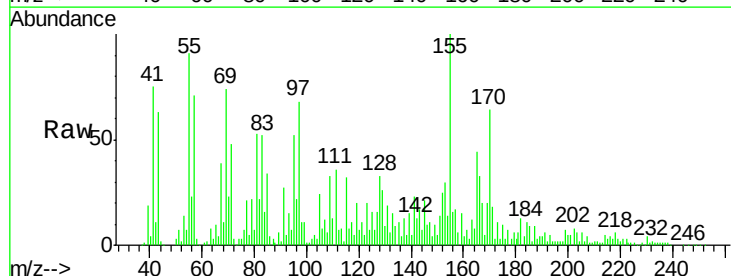
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

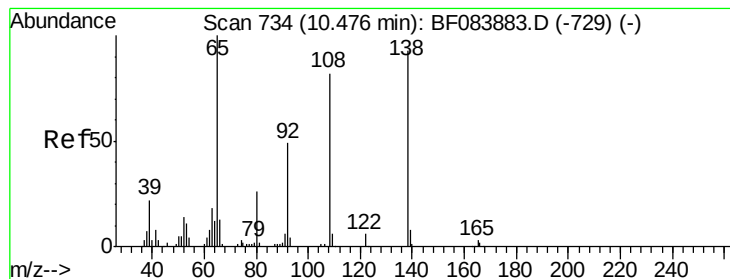
Tgt Ion:165 Resp: 63005
Ion Ratio Lower Upper
165 100
63 54.8 36.7 55.1
89 32.9 61.9 92.9#
182 19.2 2.0 3.0#



#57
Fluorene
Concen: 36.38 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.02 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

Tgt Ion:166 Resp: 180000
Ion Ratio Lower Upper
166 100
165 133.7 79.1 118.7#
167 60.2 10.4 15.6#





#61

4-Nitroaniline

Concen: 16.54 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.10 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

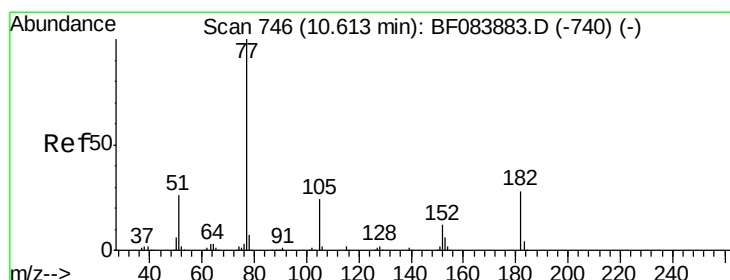
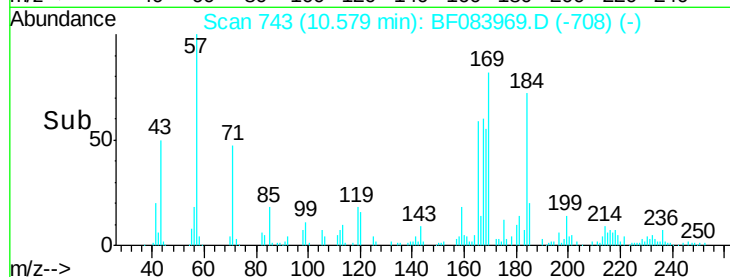
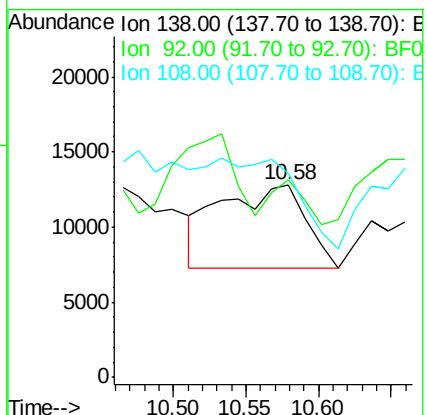
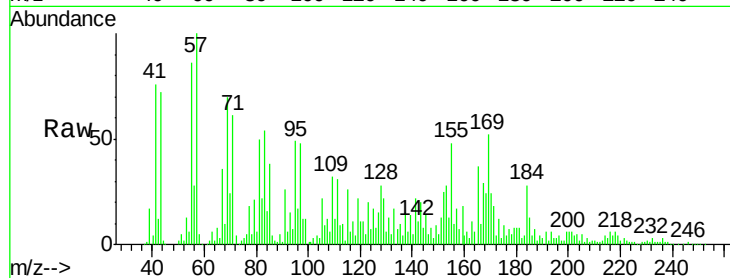
Tgt Ion:138 Resp: 22711

Ion Ratio Lower Upper

138 100

92 102.1 32.6 72.6#

108 105.4 68.6 108.6



#62

Azobenzene

Concen: 9.56 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.03 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Tgt Ion: 77 Resp: 47833

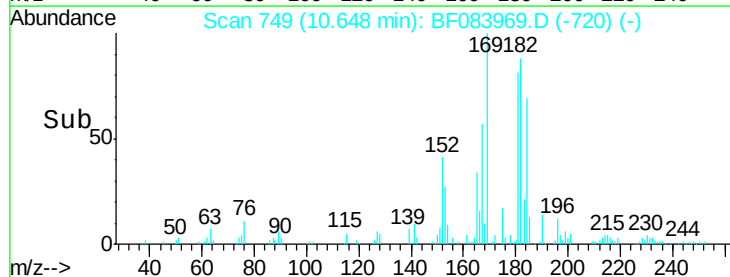
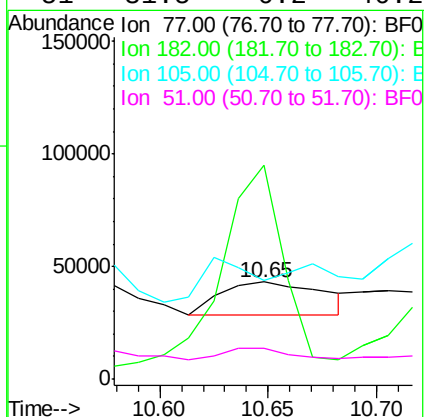
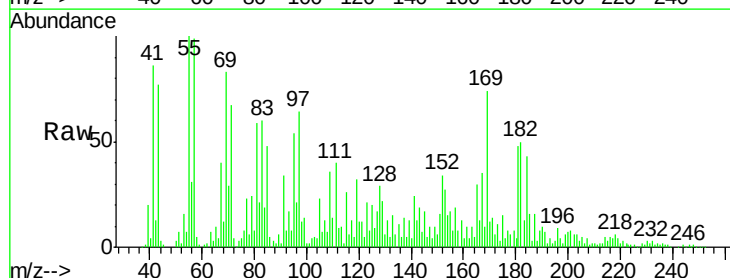
Ion Ratio Lower Upper

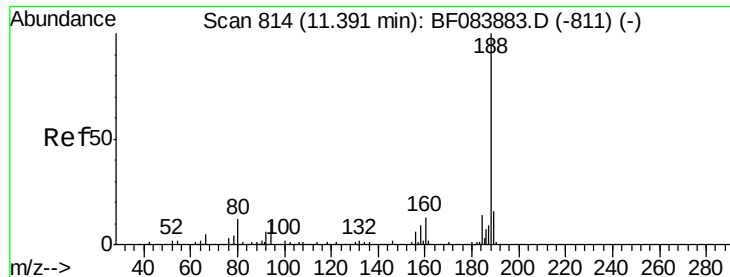
77 100

182 219.8 8.3 48.3#

105 101.4 4.6 44.6#

51 31.5 6.2 46.2

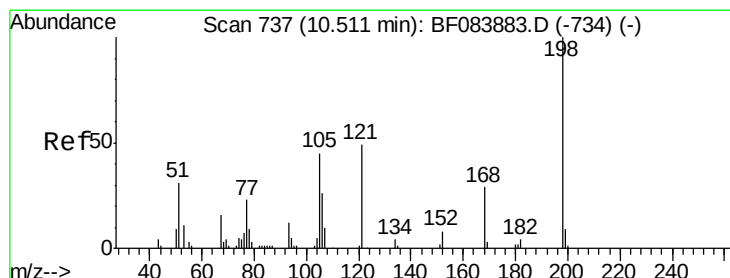
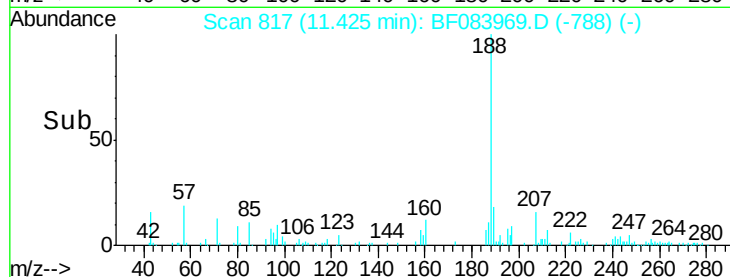
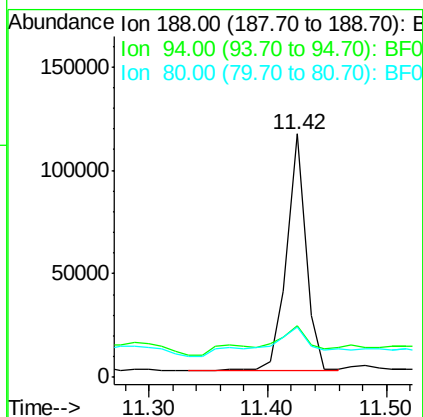
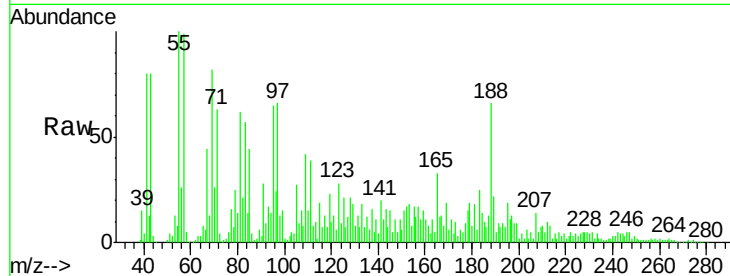




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.03 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

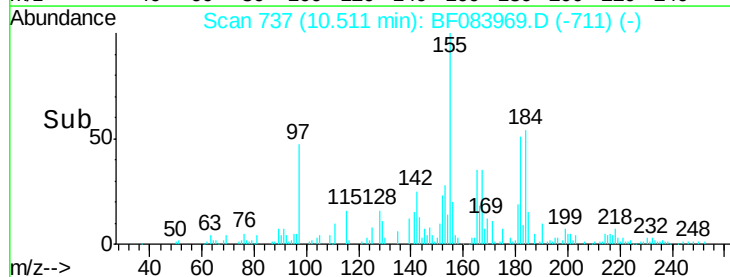
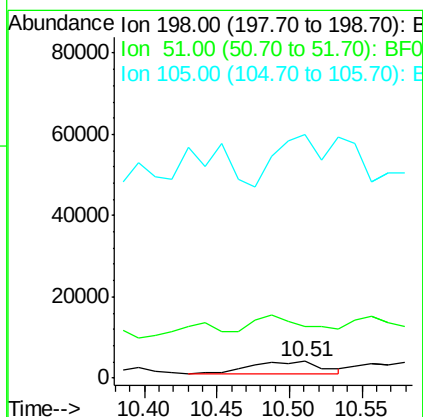
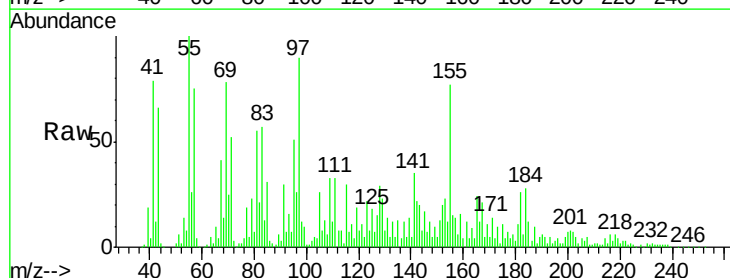
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

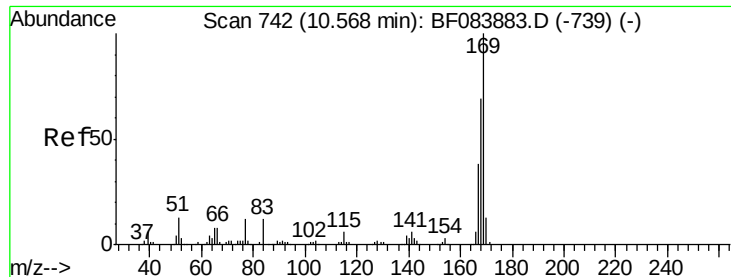
Tgt Ion:188 Resp: 129309
Ion Ratio Lower Upper
188 100
94 21.1 9.0 13.4#
80 20.6 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 14.69 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

Tgt Ion:198 Resp: 9311
Ion Ratio Lower Upper
198 100
51 313.6 18.9 58.9#
105 1461.0 26.4 66.4#





#65

n-Nitrosodiphenylamine

Concen: 77.50 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.03 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

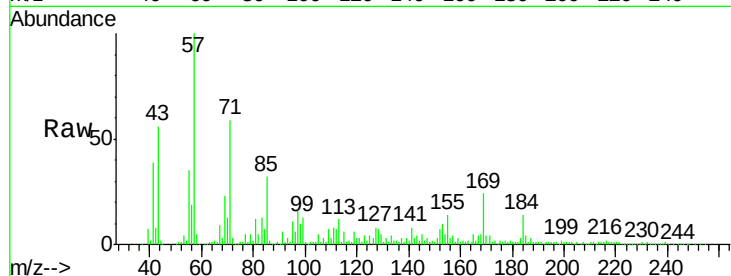
Tgt Ion:169 Resp: 364669

Ion Ratio Lower Upper

169 100

168 20.3 55.1 82.7#

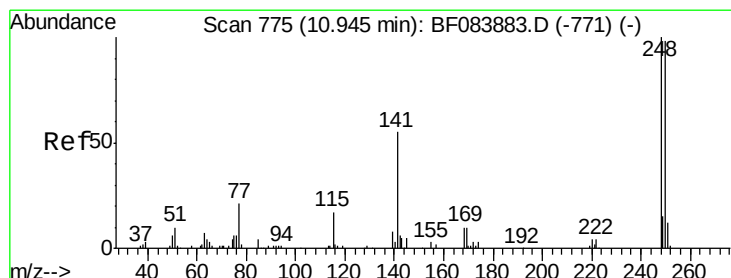
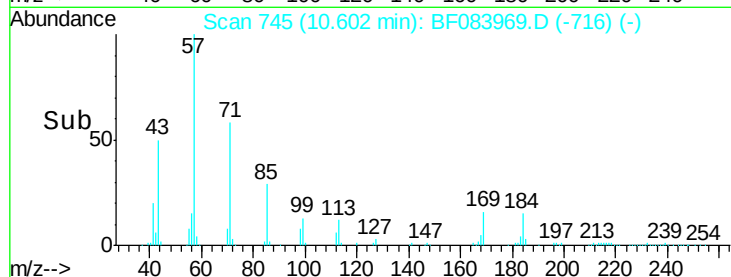
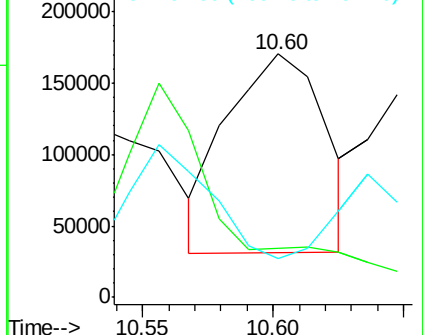
167 15.9 30.0 45.0#



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



#66

4-Bromophenyl-phenylether

Concen: 4.08 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.05 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

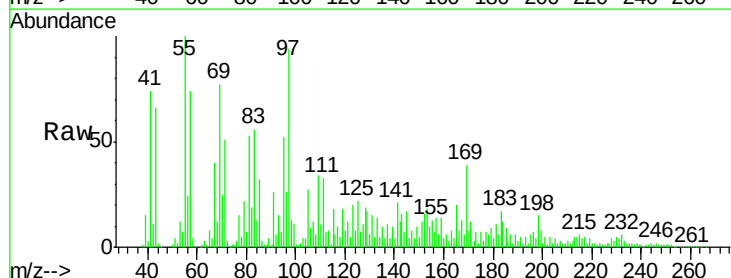
Tgt Ion:248 Resp: 6446

Ion Ratio Lower Upper

248 100

250 108.0 78.4 117.6

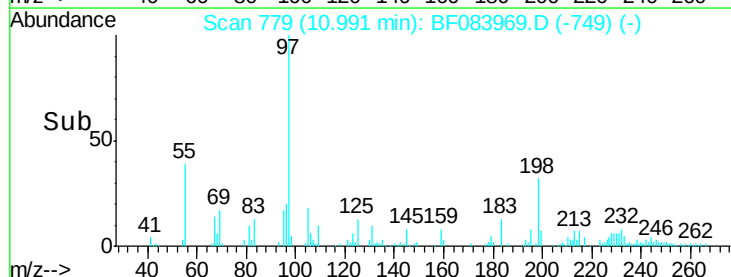
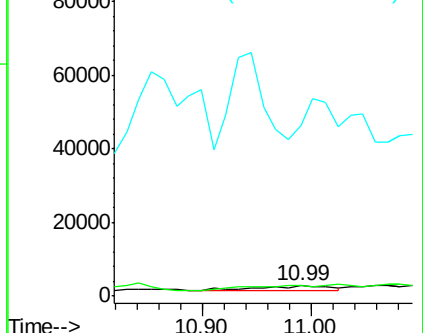
141 1682.5 44.0 66.0#

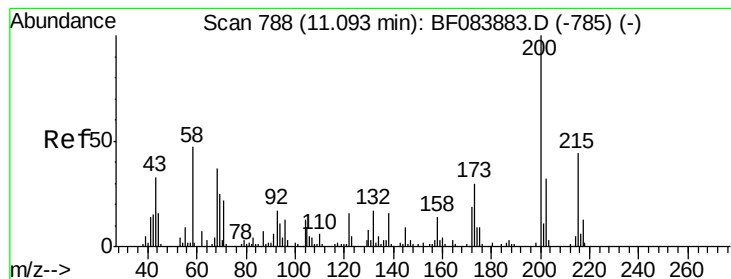


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Atrazine

Concen: 6.16 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

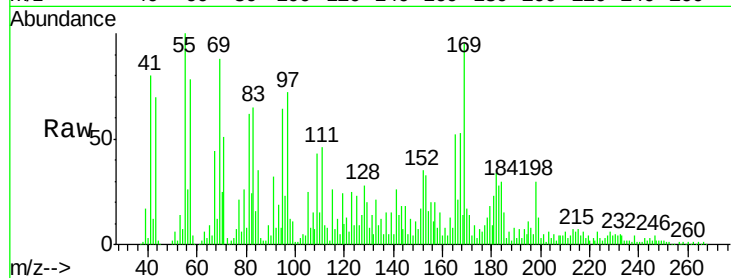
Tgt Ion:200 Resp: 9177

Ion Ratio Lower Upper

200 100

173 284.2 9.5 49.5#

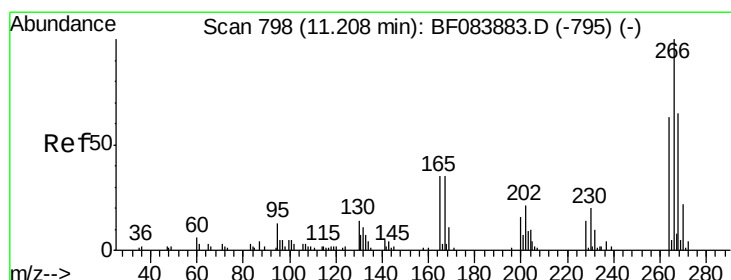
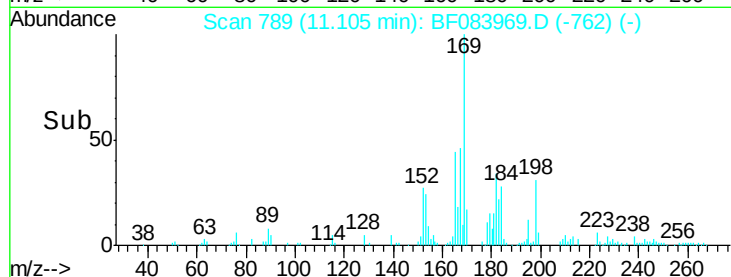
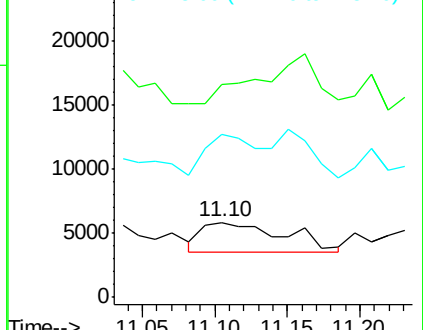
215 217.1 23.8 63.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 11.07 ng

RT: 11.26 min Scan# 803

Delta R.T. 0.06 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

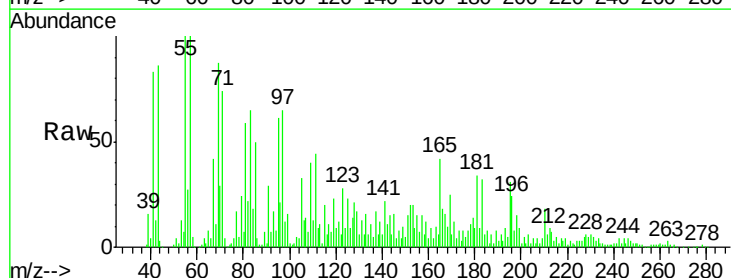
Tgt Ion:266 Resp: 4767

Ion Ratio Lower Upper

266 100

268 0.0 52.4 78.6#

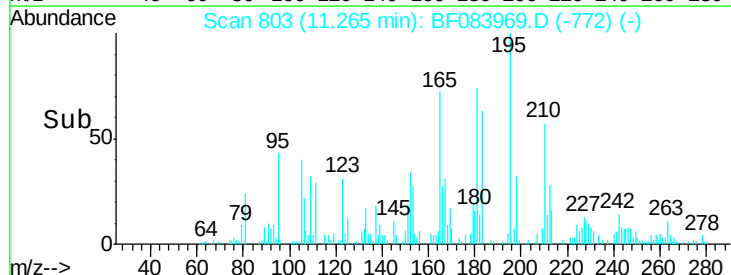
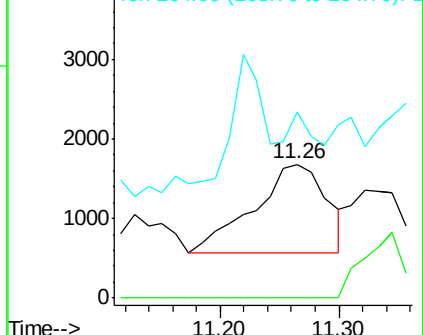
264 139.5 50.2 75.2#

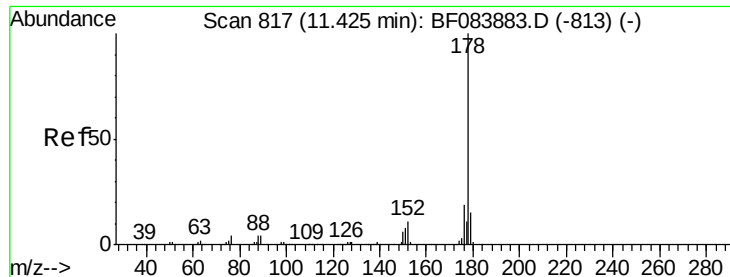


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 28.82 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

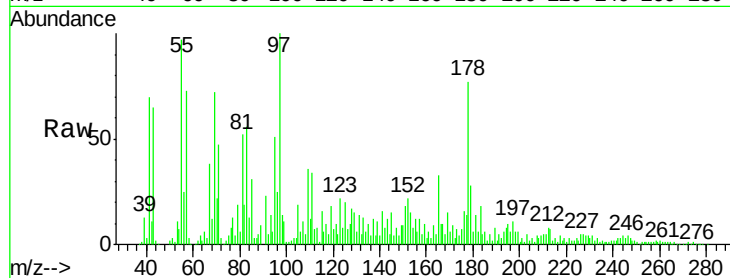
Tgt Ion:178 Resp: 225165

Ion Ratio Lower Upper

178 100

176 21.2 15.3 22.9

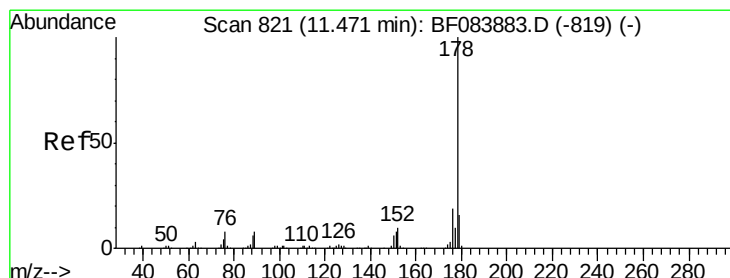
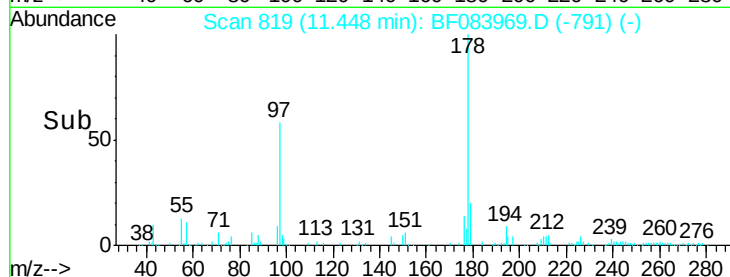
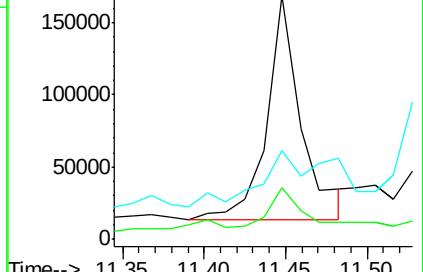
179 36.2 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 12.03 ng

RT: 11.55 min Scan# 828

Delta R.T. 0.08 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

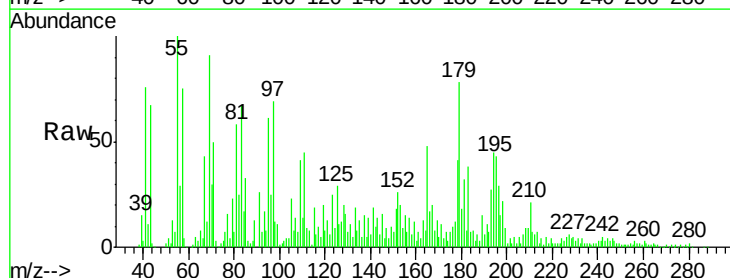
Tgt Ion:178 Resp: 90870

Ion Ratio Lower Upper

178 100

176 24.7 15.4 23.0#

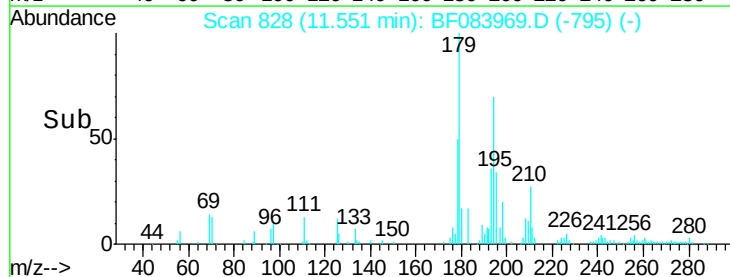
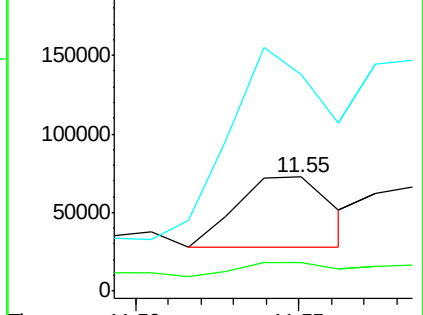
179 191.0 12.5 18.7#

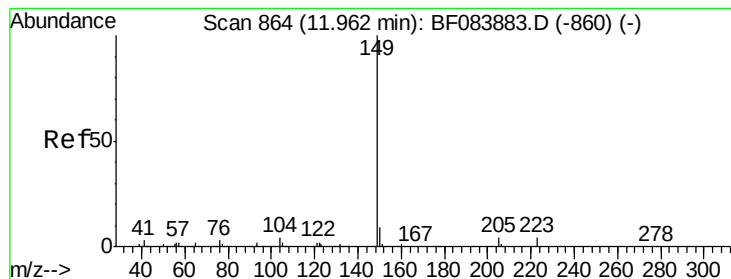


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 3.21 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

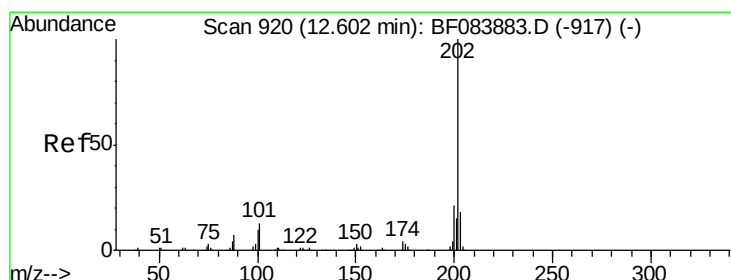
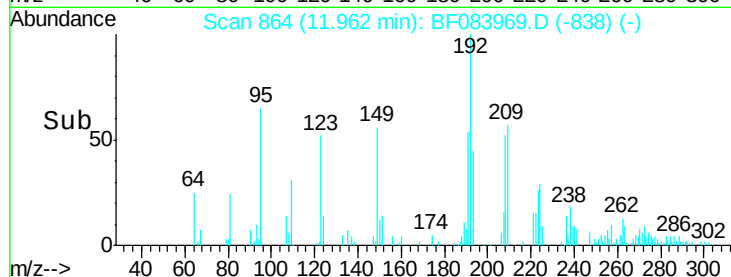
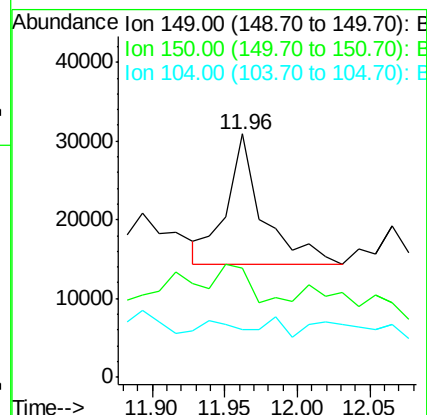
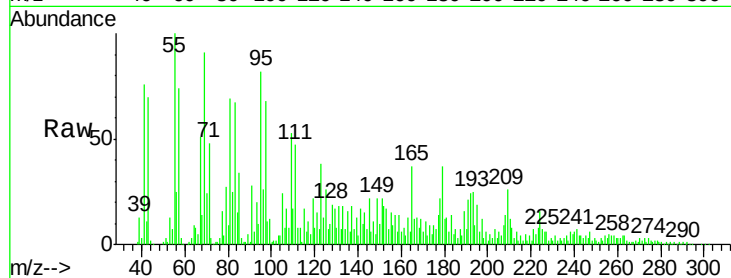
Tgt Ion:149 Resp: 28100

Ion Ratio Lower Upper

149 100

150 44.8 7.1 10.7#

104 19.6 3.2 4.8#



#74

Fluoranthene

Concen: 8.59 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.23 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

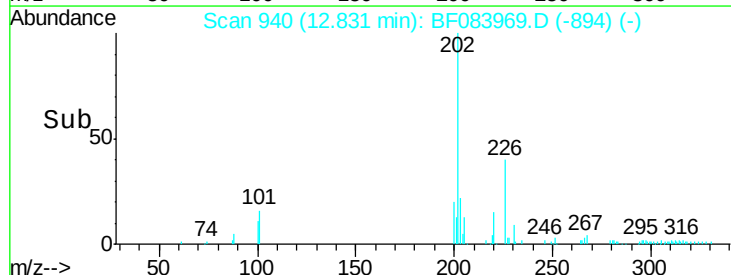
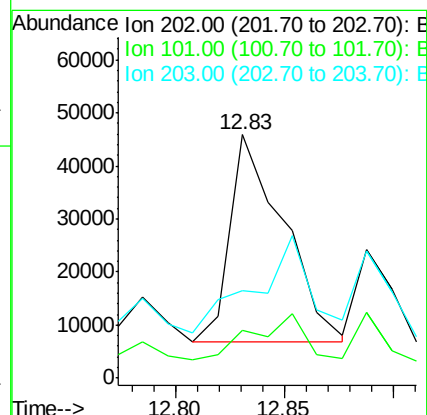
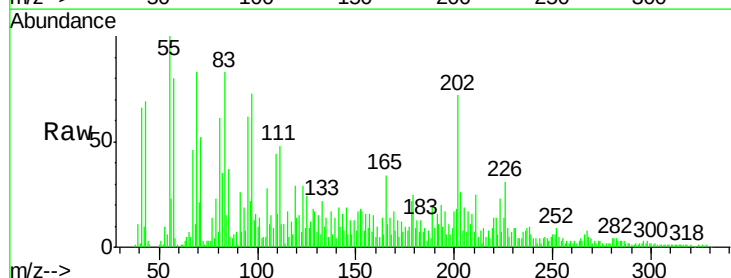
Tgt Ion:202 Resp: 66950

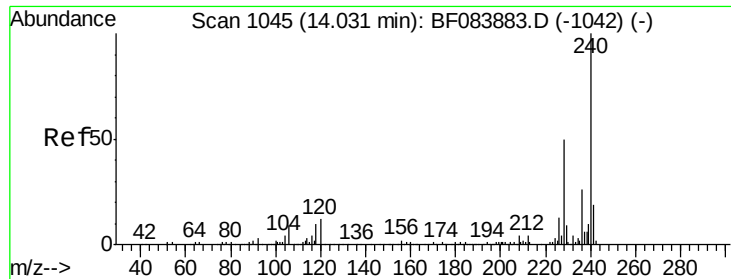
Ion Ratio Lower Upper

202 100

101 19.8 0.0 32.8

203 36.2 0.0 37.9

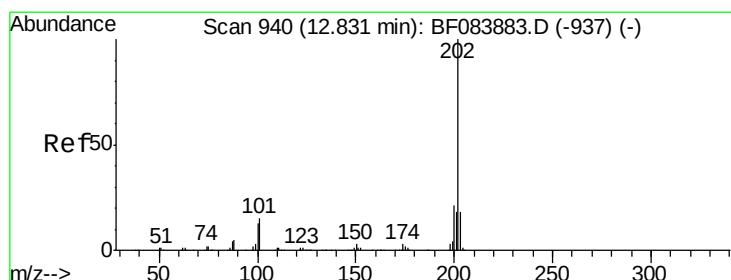
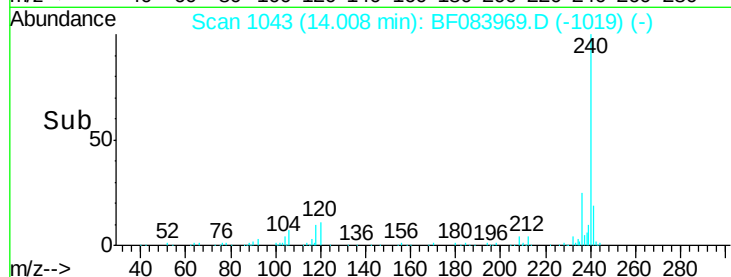
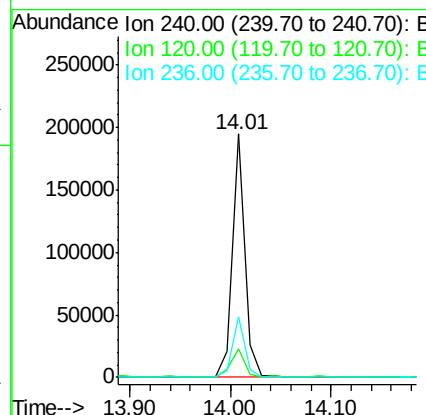
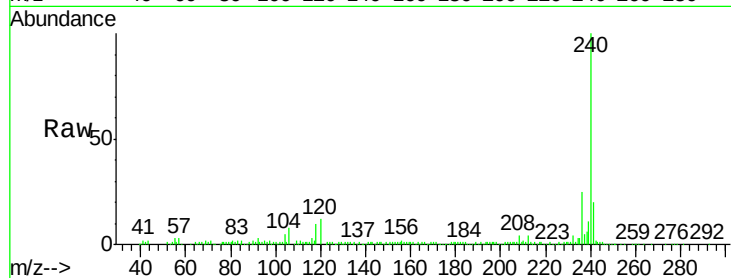




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

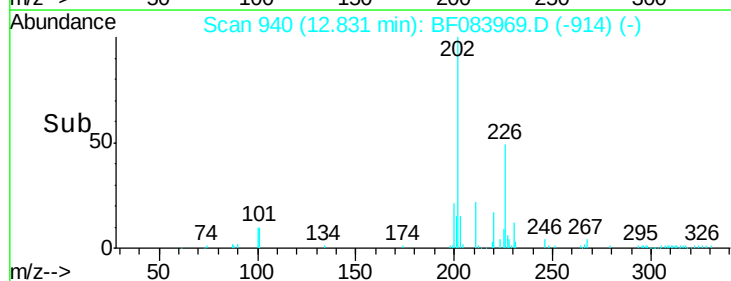
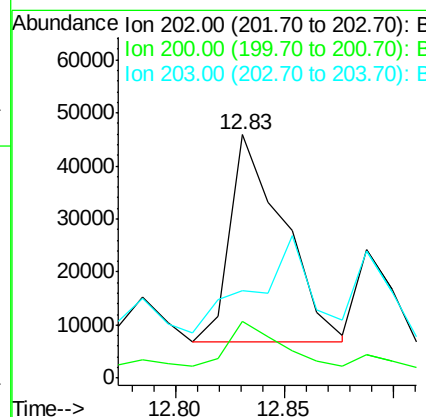
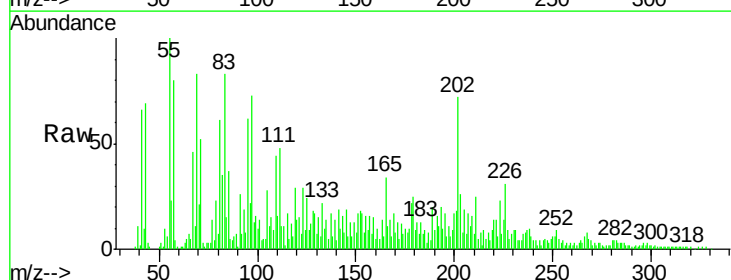
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK1

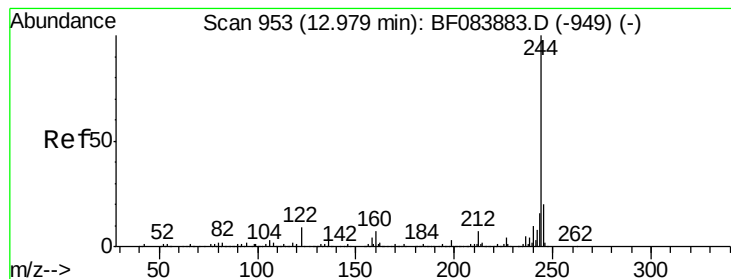
Tgt Ion:240 Resp: 169705
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 25.0 20.6 31.0



#77
 Pyrene
 Concen: 2.88 ng
 RT: 12.83 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

Tgt Ion:202 Resp: 66950
 Ion Ratio Lower Upper
 202 100
 200 23.3 17.2 25.8
 203 36.2 14.3 21.5#





#78

Terphenyl-d14

Concen: 84.44 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

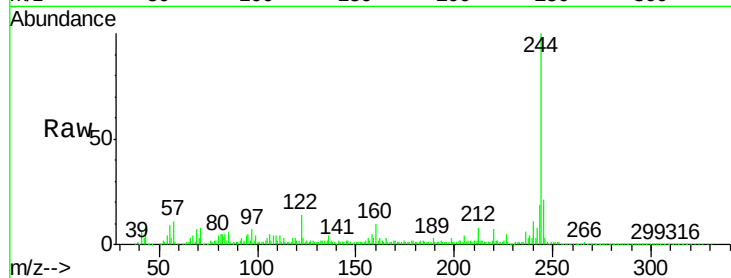
Tgt Ion:244 Resp: 613242

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

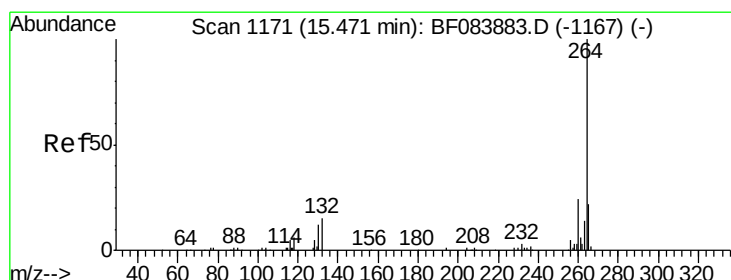
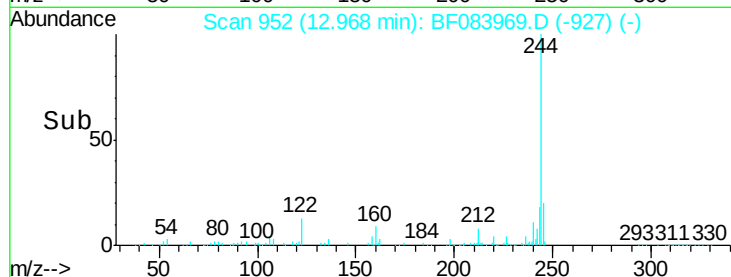
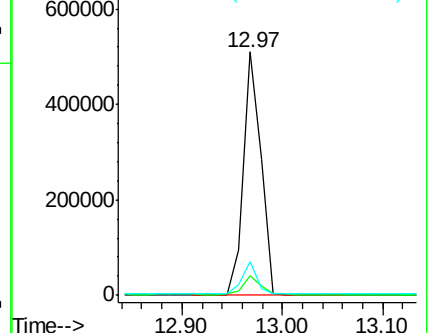
122 13.9 7.4 11.0#



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: 15.44 min Scan# 1168

Delta R.T. -0.03 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

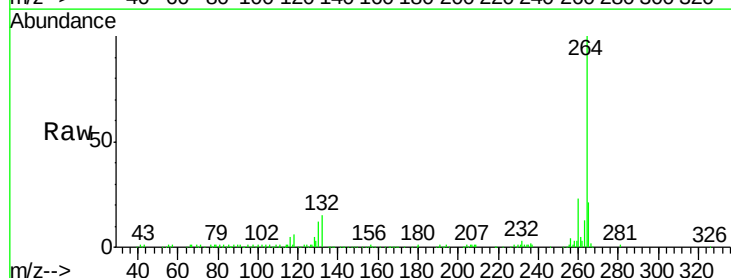
Tgt Ion:264 Resp: 147282

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.2 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

